

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
 Data File : BM020701.D
 Acq On : 04 Jun 2019 11:55
 Operator : HP/JU
 Sample : PB120211BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

Quant Time: Jun 04 13:32:38 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM053119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	78887	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	295458	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	142692	20.00	ng	-0.01
64) Phenanthrene-d10	17.20	188	264996	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	205964	20.00	ng	-0.02
87) Perylene-d12	23.67	264	231027	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	723719	161.38	ng	0.00
7) Phenol-d6	6.99	99	974848	147.63	ng	0.00
23) Nitrobenzene-d5	8.99	82	473855	83.10	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	260688	147.45	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	950217	88.53	ng	-0.01
79) Terphenyl-d14	19.83	244	807386	65.57	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	274885	149.712	ng	97
3) Pyridine	3.74	79	759058	129.936	ng	99
4) n-Nitrosodimethylamine	3.66	42	340603	135.253	ng	97
6) Aniline	7.16	93	908138	95.046	ng	99
8) 2-Chlorophenol	7.39	128	845030	151.465	ng	99
9) Benzaldehyde	6.97	77	271777	110.515	ng	96
10) Phenol	7.02	94	1029727	144.702	ng	97
11) bis(2-Chloroethyl)ether	7.26	93	765335	134.950	ng	97
12) 1,3-Dichlorobenzene	7.71	146	886663	138.284	ng	98
13) 1,4-Dichlorobenzene	7.86	146	902393	138.439	ng	98
14) 1,2-Dichlorobenzene	8.17	146	857816	135.228	ng	99
15) Benzyl Alcohol	8.06	79	750527	128.475	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.36	45	1039273	118.695	ng	99
17) 2-Methylphenol	8.26	107	688978	137.685	ng	99
18) Hexachloroethane	8.90	117	329916	132.196	ng	97
19) n-Nitroso-di-n-propylamine	8.63	70	625300	117.801	ng	96
20) 3+4-Methylphenols	8.59	107	905842	133.051	ng	98
22) Acetophenone	8.65	105	1167928	155.606	ng	# 97
24) Nitrobenzene	9.03	77	897983	154.252	ng	98
25) Isophorone	9.55	82	1623201	143.097	ng	99
26) 2-Nitrophenol	9.73	139	396177	182.600	ng	98
27) 2,4-Dimethylphenol	9.79	122	723494	177.957	ng	100
28) bis(2-Chloroethoxy)methane	10.03	93	992047	144.643	ng	99
29) 2,4-Dichlorophenol	10.26	162	738515	164.185	ng	97
30) 1,2,4-Trichlorobenzene	10.47	180	808969	156.411	ng	100
31) Naphthalene	10.67	128	2394508	157.601	ng	99
32) Benzoic acid	9.92	122	391608	141.798	ng	99
33) 4-Chloroaniline	10.77	127	418137	59.135	ng	98
34) Hexachlorobutadiene	10.94	225	469225	151.201	ng	99
35) Caprolactam	11.56	113	202332	129.482	ng	97
36) 4-Chloro-3-methylphenol	11.90	107	764229	146.132	ng	99
37) 2-Methylnaphthalene	12.28	142	1714080	152.204	ng	99
38) 1-Methylnaphthalene	12.50	142	1613297	150.448	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	854407	182.716	ng	99

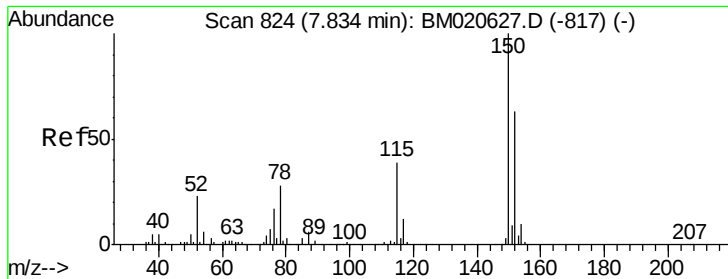
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060319\
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 QLast Update : Fri May 31 15:48:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.62	237	1039486	371.686	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	550516	182.899	ng	97
44) 2,4,5-Trichlorophenol	12.96	196	573898	184.685	ng	96
46) 1,1'-Biphenyl	13.29	154	2111151	177.152	ng	99
47) 2-Chloronaphthalene	13.33	162	1637574	170.257	ng	99
48) 2-Nitroaniline	13.55	65	469553	155.542	ng	93
49) Acenaphthylene	14.18	152	2554660	170.227	ng	100
50) Dimethylphthalate	13.92	163	1912795	156.904	ng	99
51) 2,6-Dinitrotoluene	14.05	165	417297	168.580	ng	89
52) Acenaphthene	14.53	154	1474950	164.920	ng	100
53) 3-Nitroaniline	14.37	138	250271	90.582	ng	99
54) 2,4-Dinitrophenol	14.57	184	323504	283.478	ng	96
55) Dibenzofuran	14.86	168	2311196	166.389	ng	98
56) 4-Nitrophenol	14.67	139	660549	324.431	ng	92
57) 2,4-Dinitrotoluene	14.83	165	539964	162.915	ng	96
58) Fluorene	15.51	166	1830673	160.265	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.08	232	474603	175.274	ng	99
60) Diethylphthalate	15.29	149	1889101	150.249	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	942004	155.752	ng	98
62) 4-Nitroaniline	15.53	138	392229	133.855	ng	95
63) Azobenzene	15.80	77	1789643	148.470	ng	98
65) 4,6-Dinitro-2-methylphenol	15.59	198	198270	143.110	ng	98
66) n-Nitrosodiphenylamine	15.72	169	1553011	183.070	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	542255	173.797	ng	97
68) Hexachlorobenzene	16.50	284	624573	171.430	ng	98
69) Atrazine	16.67	200	493134	194.773	ng	100
70) Pentachlorophenol	16.85	266	700166	402.836	ng	99
71) Phenanthrene	17.24	178	2585057	172.098	ng	100
72) Anthracene	17.34	178	2643315	175.822	ng	99
73) Carbazole	17.61	167	2277116	166.910	ng	100
74) Di-n-butylphthalate	18.17	149	2801269	158.174	ng	100
75) Fluoranthene	19.26	202	2672667	159.998	ng	100
77) Benzidine	19.45	184	1340461	214.786	ng	99
78) Pyrene	19.62	202	2727083	172.541	ng	100
80) Butylbenzylphthalate	20.53	149	1094593	163.877	ng	94
81) Benzo(a)anthracene	21.37	228	2475461	172.590	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	760743	144.840	ng	99
83) Chrysene	21.42	228	2448886	179.616	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1511764	155.729	ng	99
85) Di-n-octyl phthalate	22.19	149	2473810	160.509	ng	98
86) Indeno(1,2,3-cd)pyrene	26.00	276	3558417	255.116	ng	99
88) Benzo(b)fluoranthene	22.98	252	2782544	182.227	ng	100
89) Benzo(k)fluoranthene	23.03	252	2646160	177.331	ng	99
90) Benzo(a)pyrene	23.57	252	2721161	196.471	ng	100
91) Dibenzo(a,h)anthracene	26.01	278	2997888	223.106	ng	99
92) Benzo(g,h,i)perylene	26.70	276	2913755	233.455	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

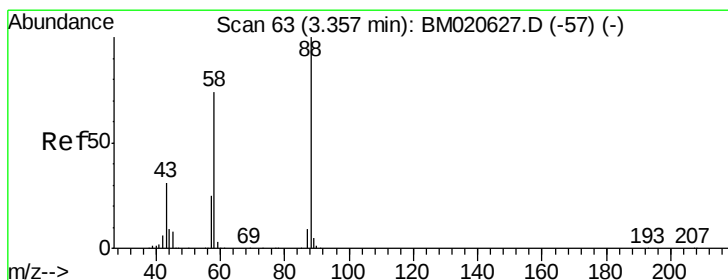
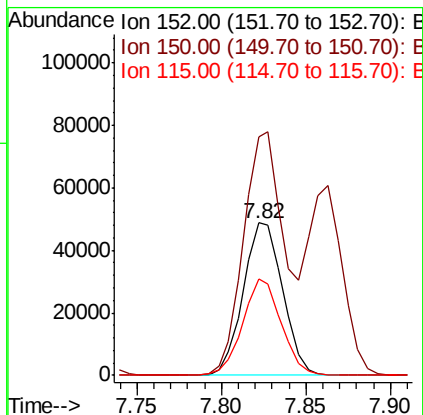
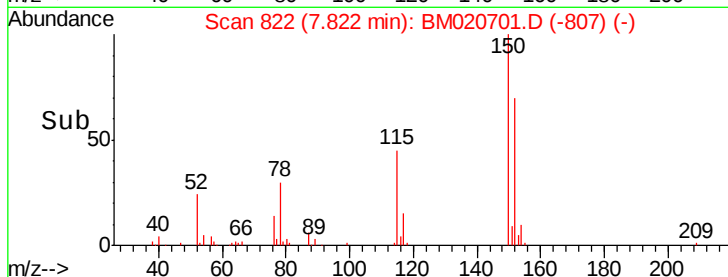
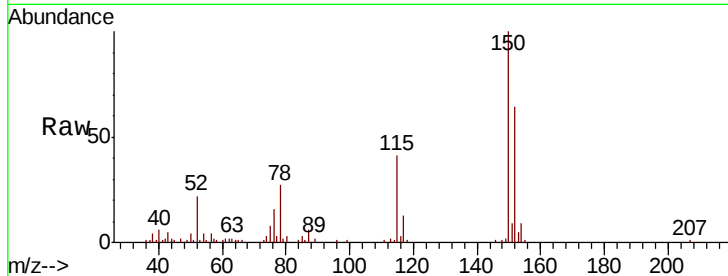


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

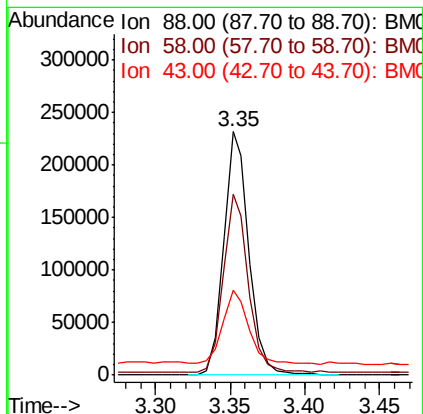
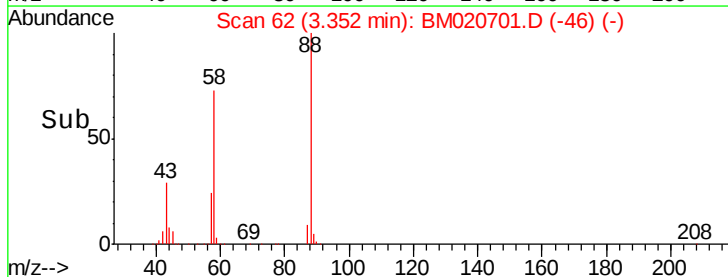
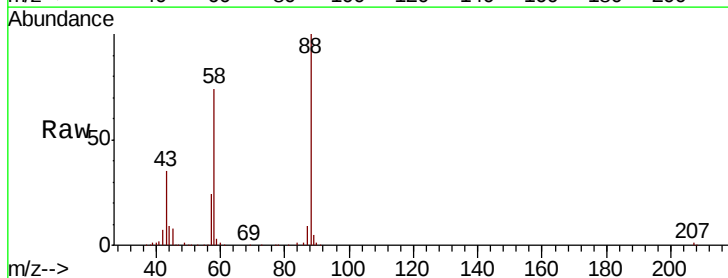
Tot Ion:152 Resp: 78887
Ion Ratio Lower Upper
152 100
150 156.3 126.0 189.0
115 63.4 49.6 74.4

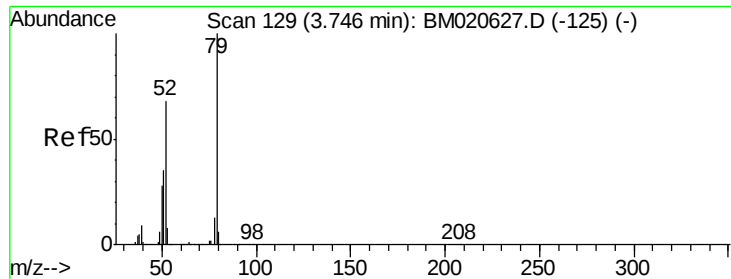


#2

1,4-Dioxane
Concen: 149.712 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion: 88 Resp: 274885
Ion Ratio Lower Upper
88 100
58 71.5 60.2 90.4
43 31.6 25.3 37.9





#3

Pvridine

Concen: 129.936 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

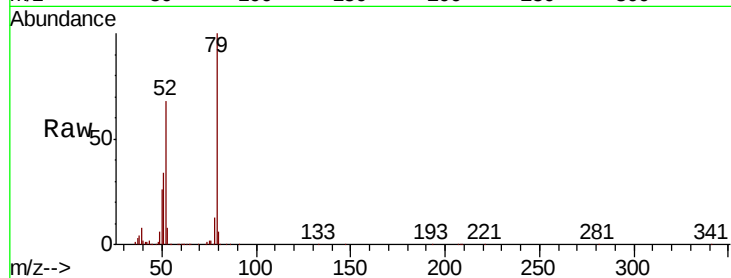
Tot Ion: 79 Resp: 759058

Ion Ratio Lower Upper

79 100

52 67.7 54.1 81.1

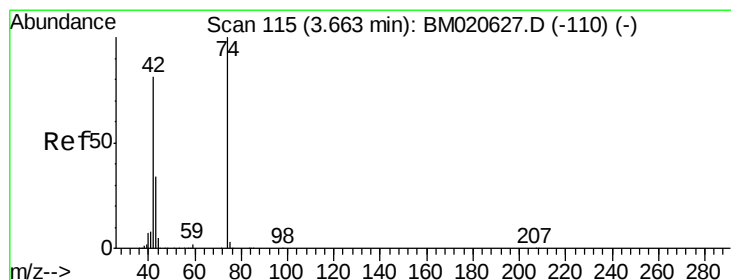
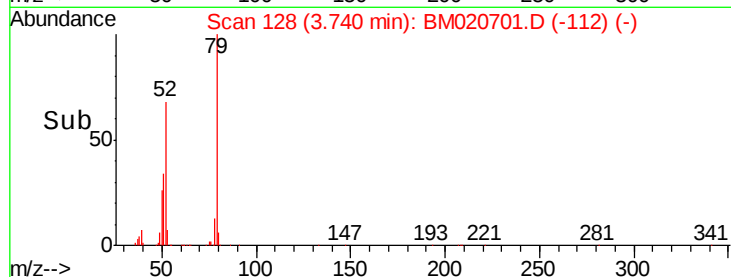
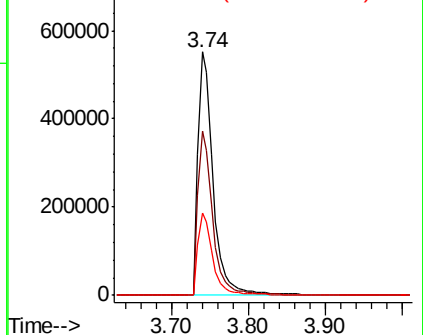
51 34.0 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020701.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020701.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020701.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 135.253 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

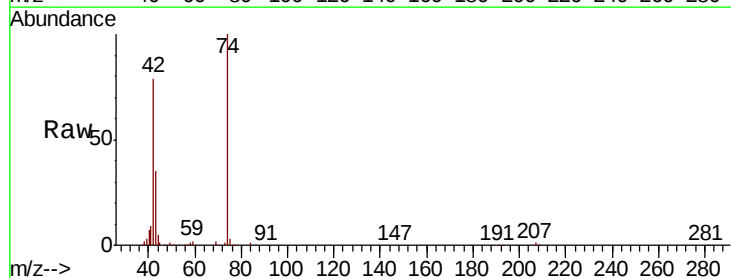
Tgt Ion: 42 Resp: 340603

Ion Ratio Lower Upper

42 100

74 127.1 99.4 149.0

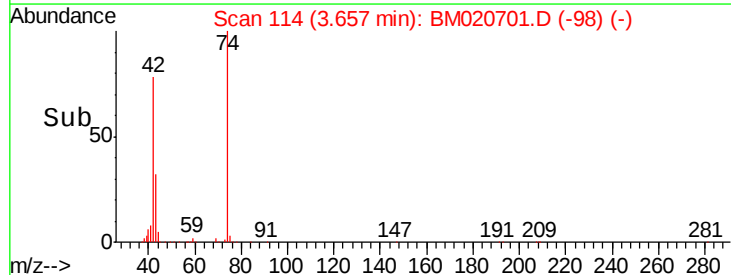
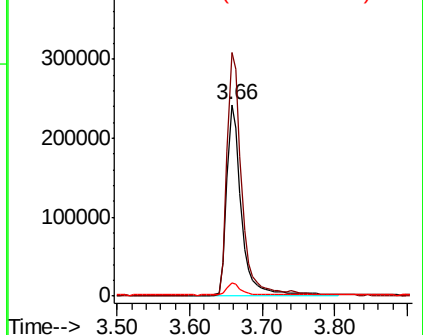
44 6.7 5.8 8.8

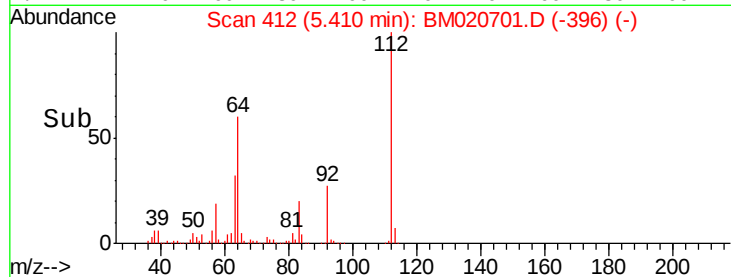
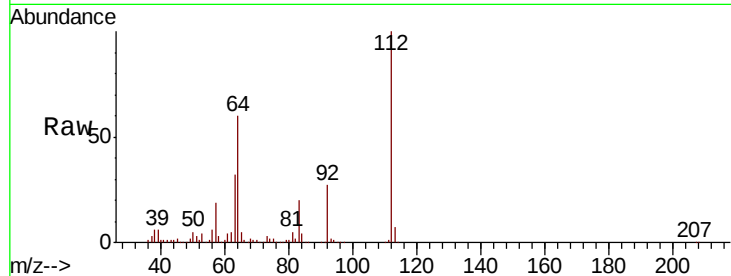
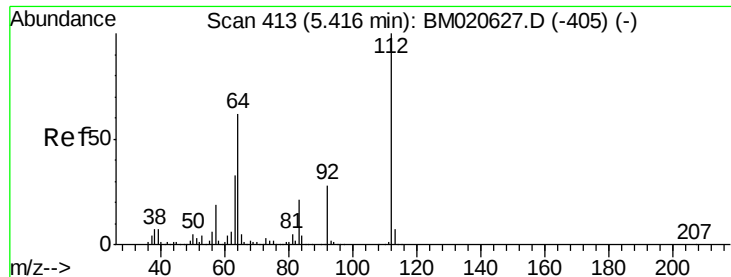


Abundance Ion 42.00 (41.70 to 42.70): BM020701.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020701.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020701.D (-110) (-)





#5

2-Fluorophenol

Concen: 161.379 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

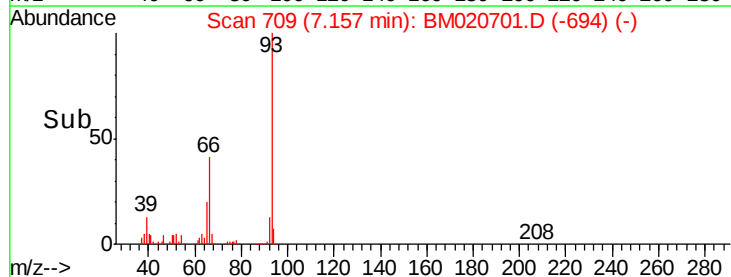
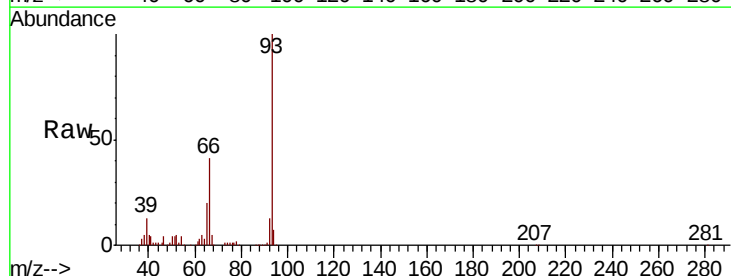
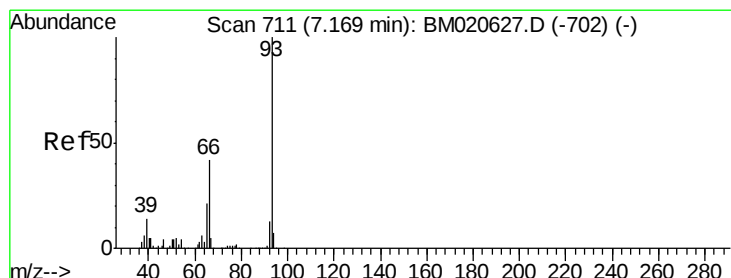
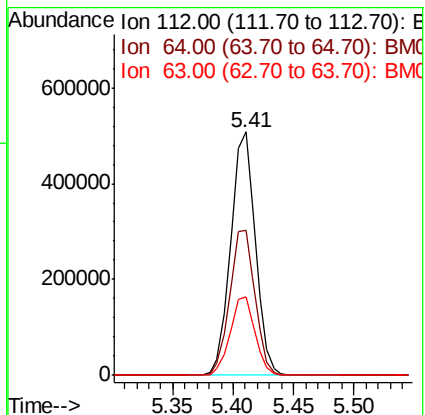
Tot Ion:112 Resp: 723719

Ion Ratio Lower Upper

112 100

64 59.7 49.7 74.5

63 32.3 26.4 39.6



#6

Aniline

Concen: 95.046 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

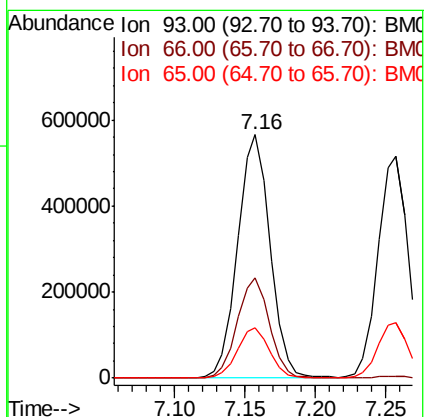
Tgt Ion: 93 Resp: 908138

Ion Ratio Lower Upper

93 100

66 41.3 33.6 50.4

65 20.5 16.7 25.1





#7

Phenol-d6

Concen: 147.628 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

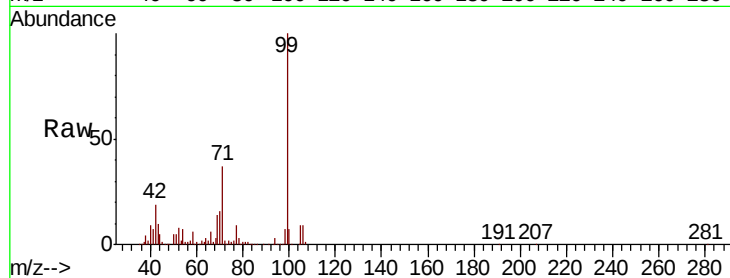
Tot Ion: 99 Resp: 974848

Ion Ratio Lower Upper

99 100

42 18.8 16.5 24.7

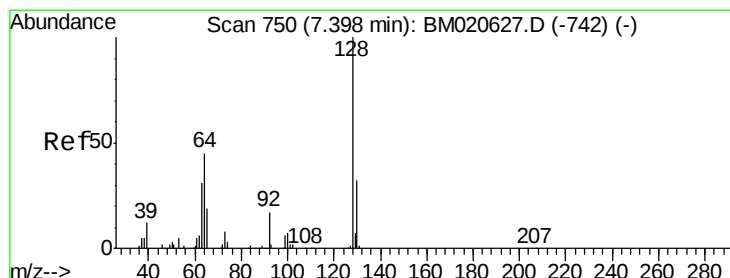
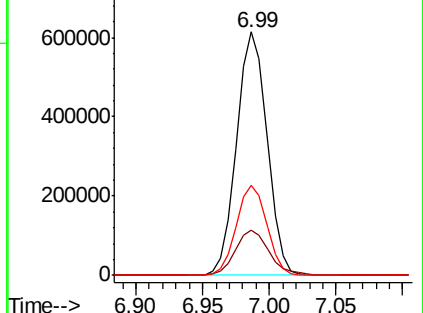
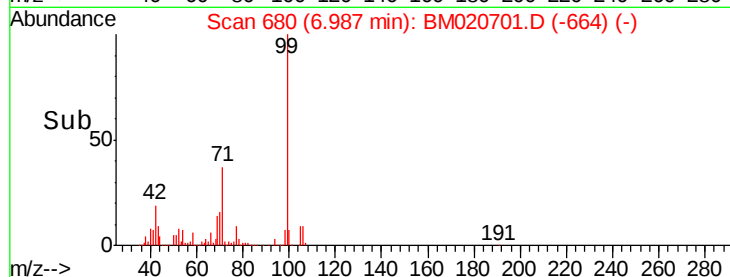
71 36.8 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020701.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020701.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020701.D (-664) (-)



#8

2-Chlorophenol

Concen: 151.465 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

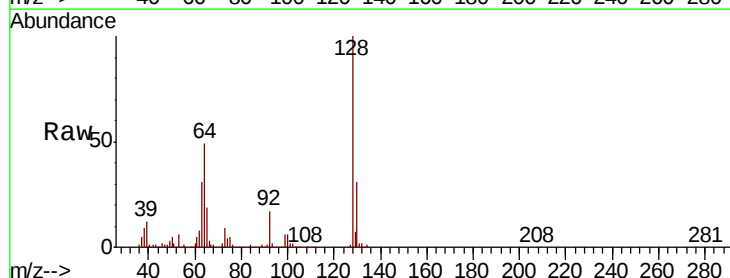
Tgt Ion: 128 Resp: 845030

Ion Ratio Lower Upper

128 100

130 31.4 12.2 52.2

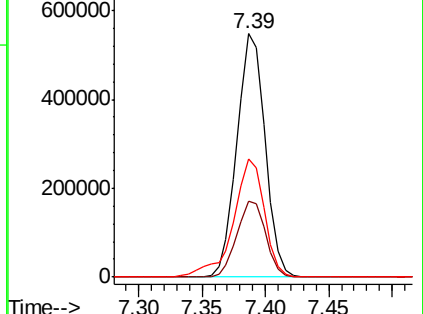
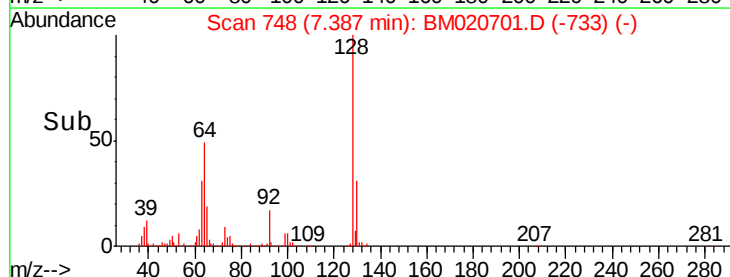
64 48.7 29.1 69.1

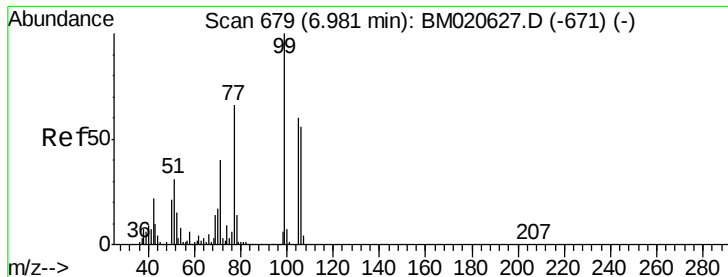


Abundance Ion 128.00 (127.70 to 128.70): BM020701.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020701.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020701.D (-733) (-)





#9

Benzaldehyde

Concen: 110.515 ng

RT: 6.97 min Scan# 678

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

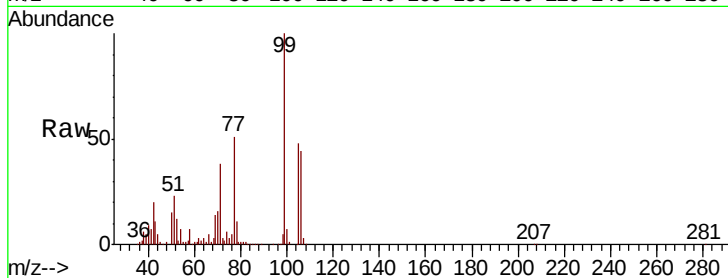
Tot Ion: 77 Resp: 271777

Ion Ratio Lower Upper

77 100

105 94.1 70.6 110.6

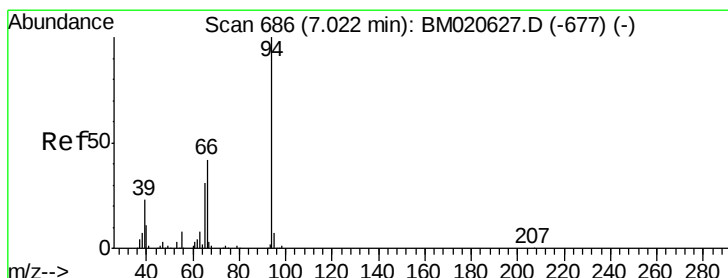
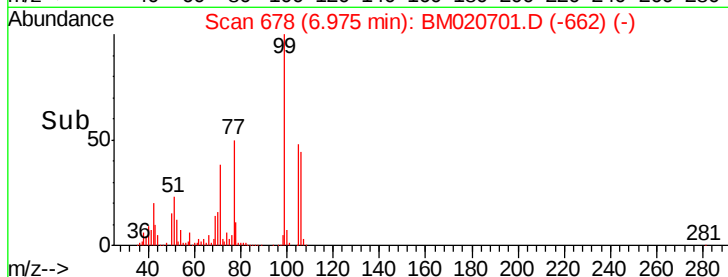
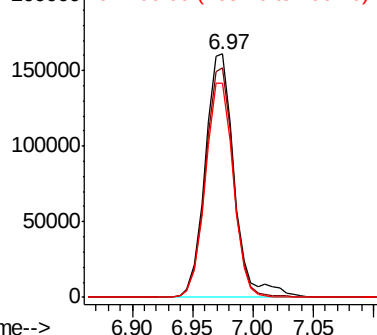
106 87.9 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020701.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020701.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020701.D (-662) (-)



#10

Phenol

Concen: 144.702 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

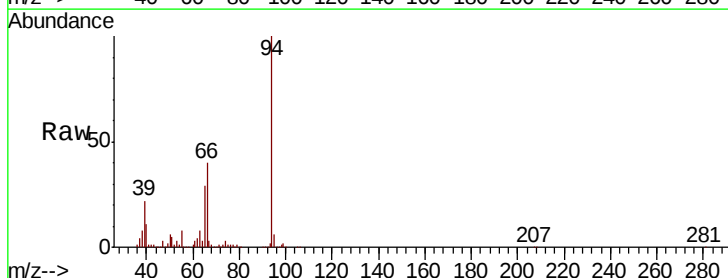
Tgt Ion: 94 Resp: 1029727

Ion Ratio Lower Upper

94 100

65 29.3 10.7 50.7

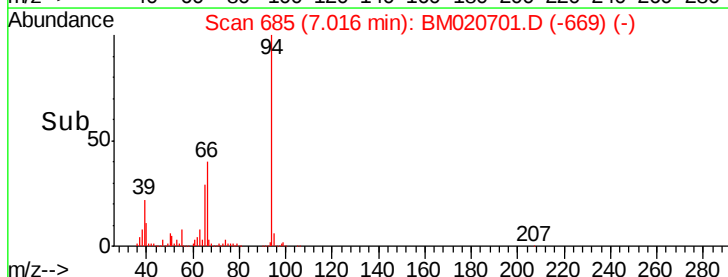
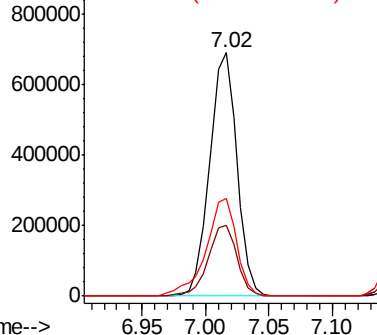
66 40.0 22.3 62.3

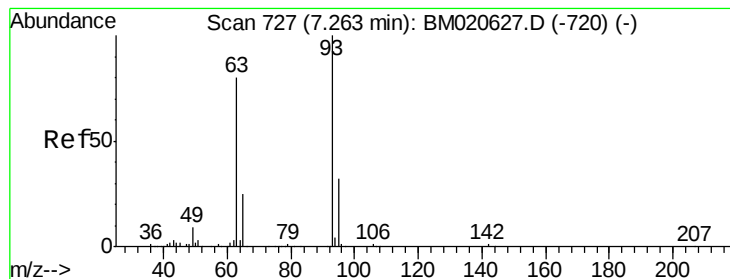


Abundance Ion 94.00 (93.70 to 94.70): BM020701.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020701.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020701.D (-669) (-)





#11

bis(2-Chloroethyl)ether

Concen: 134.950 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

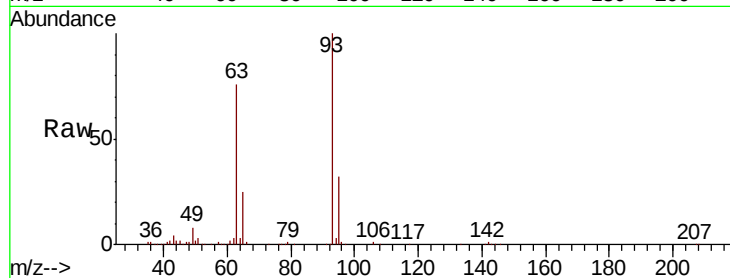
Tot Ion: 93 Resp: 765335

Ion Ratio Lower Upper

93 100

63 75.9 60.0 100.0

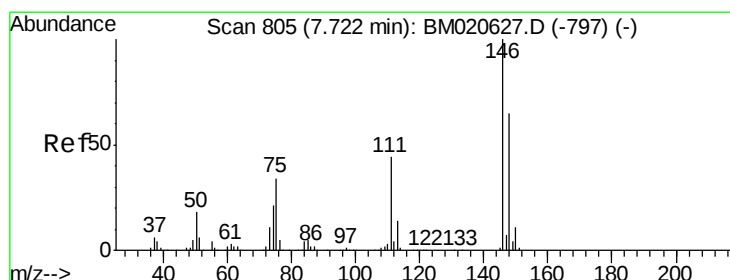
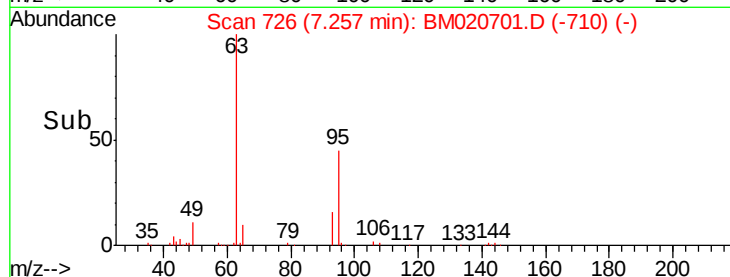
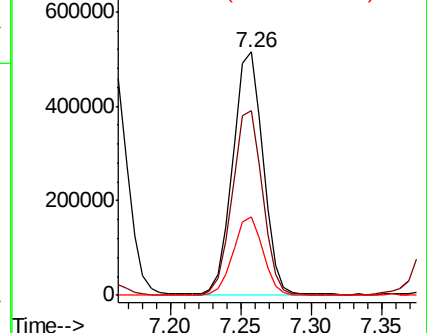
95 32.4 12.2 52.2



Abundance Ion 93.00 (92.70 to 93.70): BM020701.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM020701.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM020701.D (-710) (-)



#12

1,3-Dichlorobenzene

Concen: 138.284 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

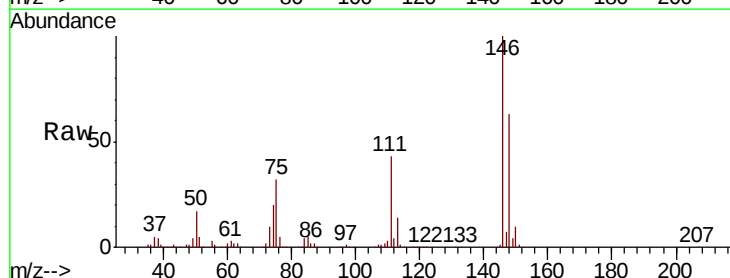
Tgt Ion: 146 Resp: 886663

Ion Ratio Lower Upper

146 100

148 63.4 52.0 78.0

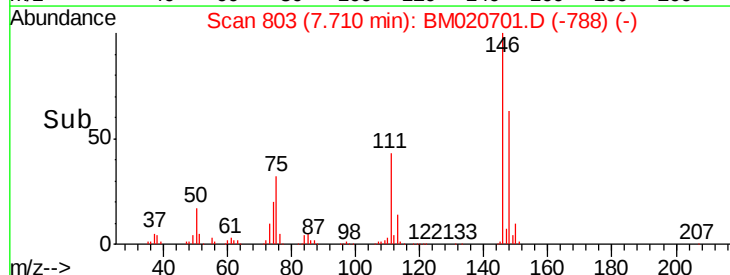
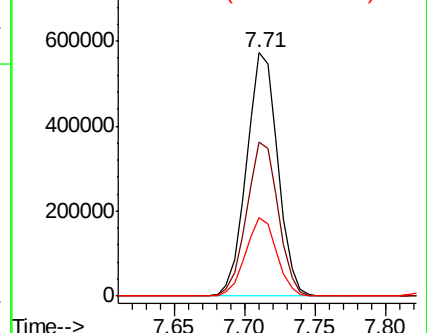
75 32.0 27.0 40.4

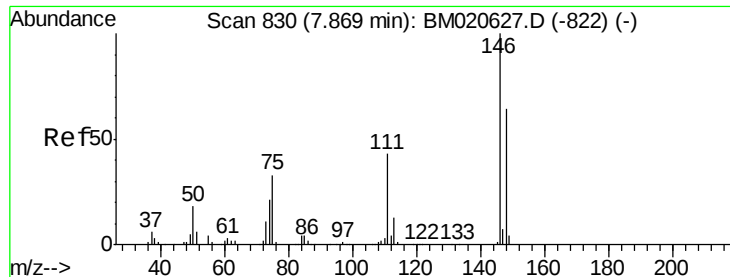


Abundance Ion 146.00 (145.70 to 146.70): BM020701.D (-788) (-)

Ion 148.00 (147.70 to 148.70): BM020701.D (-788) (-)

Ion 75.00 (74.70 to 75.70): BM020701.D (-788) (-)

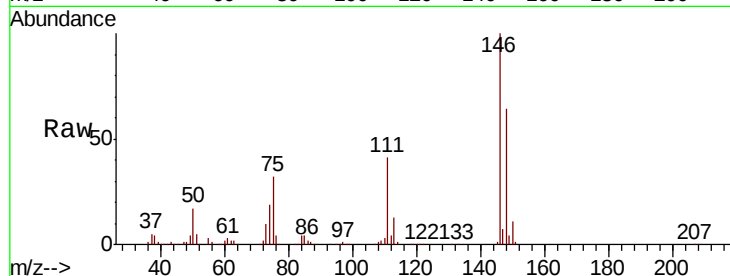




#13
 1,4-Dichlorobenzene
 Concen: 138.439 ng
 RT: 7.86 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.0	76.4
111	40.8	34.4	51.6

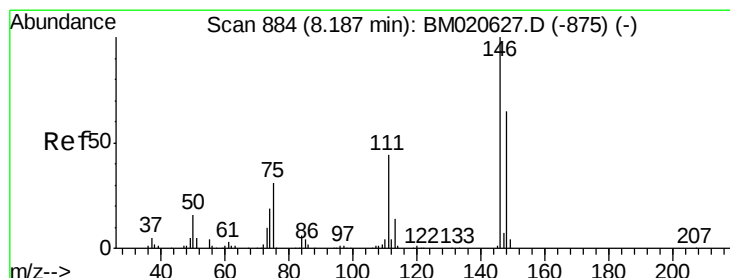
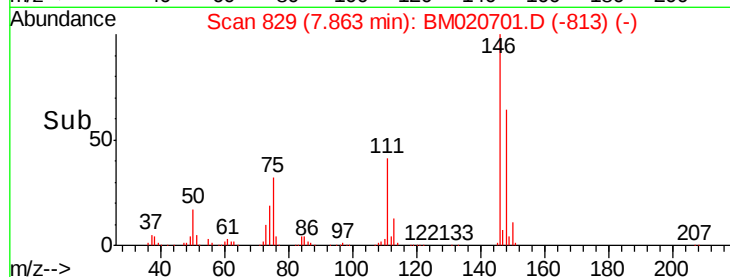
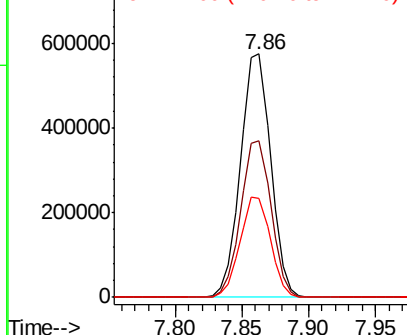


Abundance

Ion 146.00 (145.70 to 146.70): E

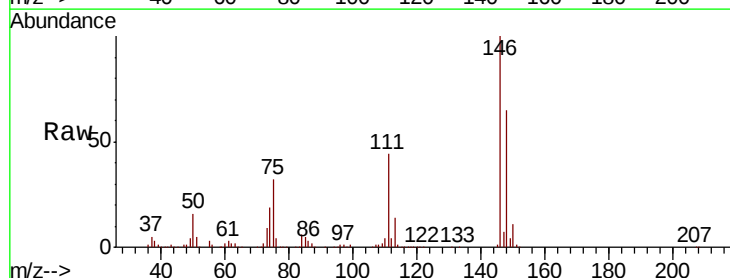
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 135.228 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	51.8	77.8
111	44.4	35.1	52.7

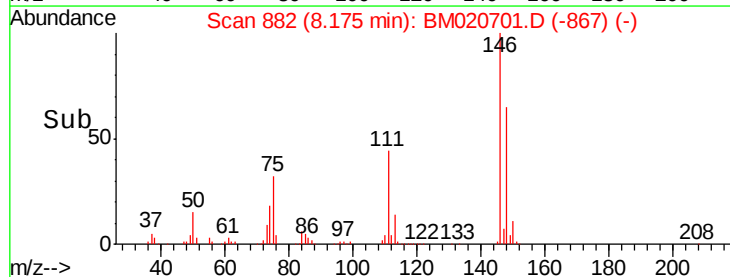
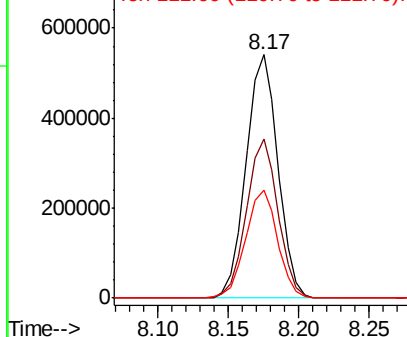


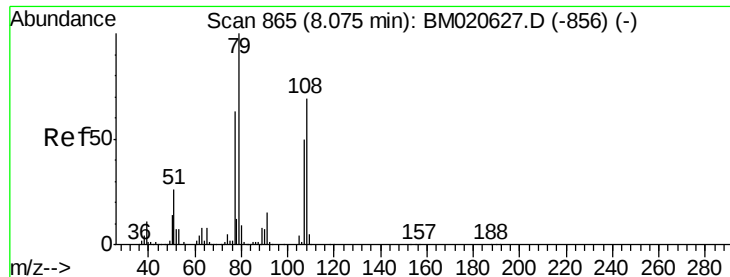
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 128.475 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

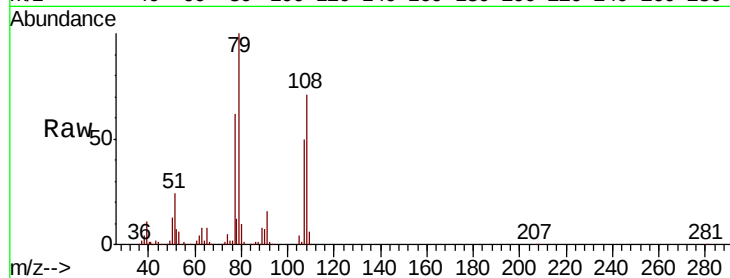
Tot Ion: 79 Resp: 750527

Ion Ratio Lower Upper

79 100

108 71.0 54.9 82.3

77 62.1 50.2 75.4



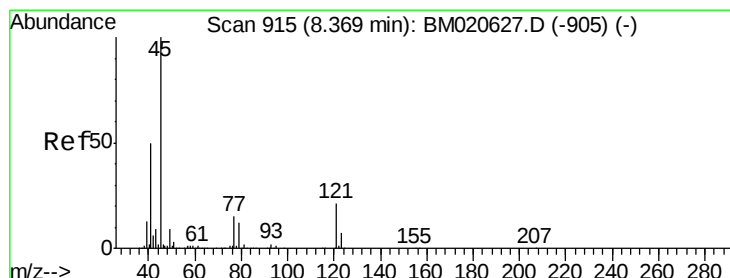
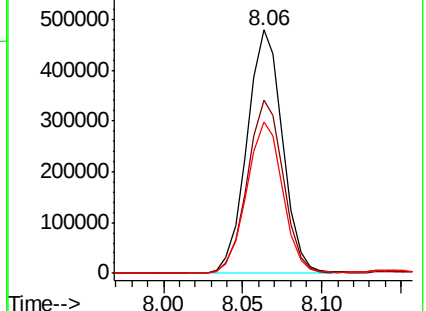
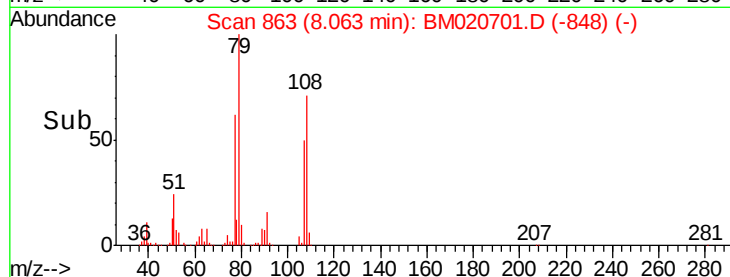
Abundance Ion 79.00 (78.70 to 79.70): BM020701.D (-848) (-)

Ion 108.00 (107.70 to 108.70): BM020701.D (-848) (-)

Ion 77.00 (76.70 to 77.70): BM020701.D (-848) (-)

8.06

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 118.695 ng

RT: 8.36 min Scan# 913

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

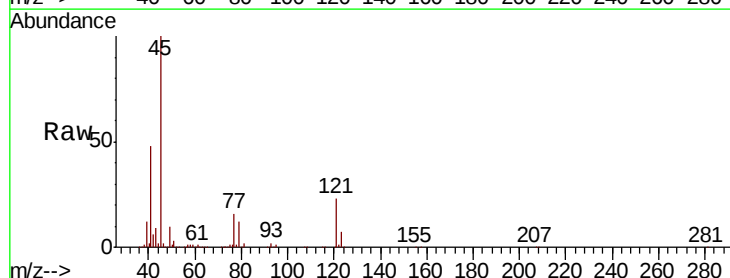
Tgt Ion: 45 Resp: 1039273

Ion Ratio Lower Upper

45 100

77 15.6 0.0 34.9

79 12.2 0.0 31.8



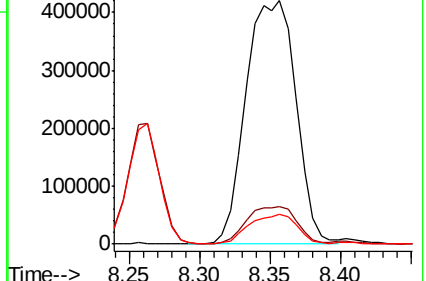
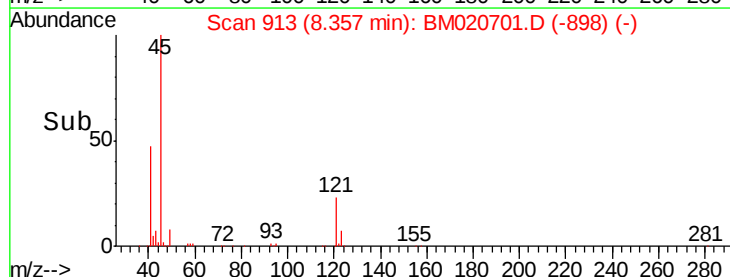
Abundance Ion 45.00 (44.70 to 45.70): BM020701.D (-898) (-)

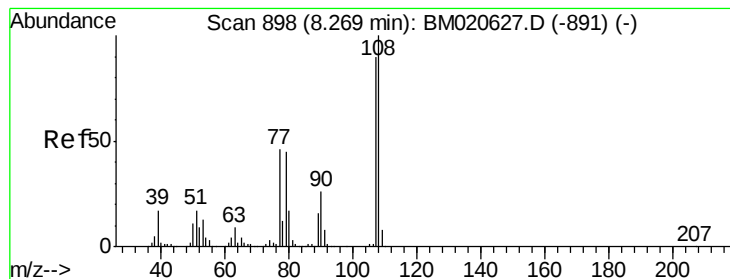
Ion 77.00 (76.70 to 77.70): BM020701.D (-898) (-)

Ion 79.00 (78.70 to 79.70): BM020701.D (-898) (-)

8.36

Time-->





#17

2-Methylphenol

Concen: 137.685 ng

RT: 8.26 min Scan# 897

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

Tot Ion:107 Resp: 688978

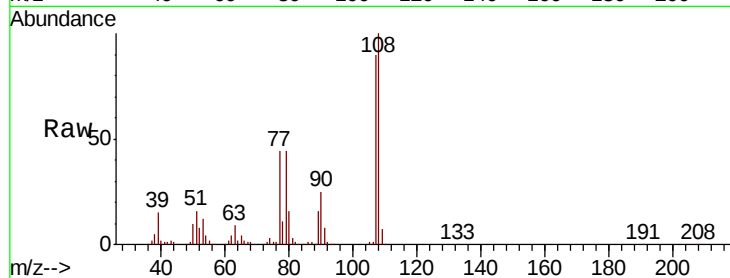
Ion Ratio Lower Upper

107 100

108 111.7 88.6 133.0

77 48.7 40.6 61.0

79 49.1 39.9 59.9

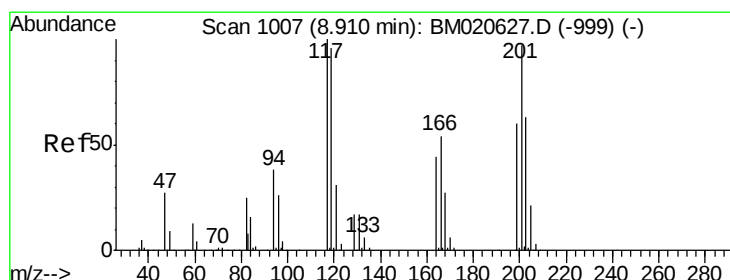
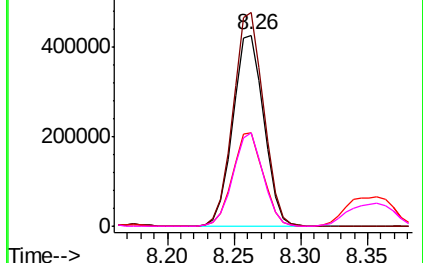
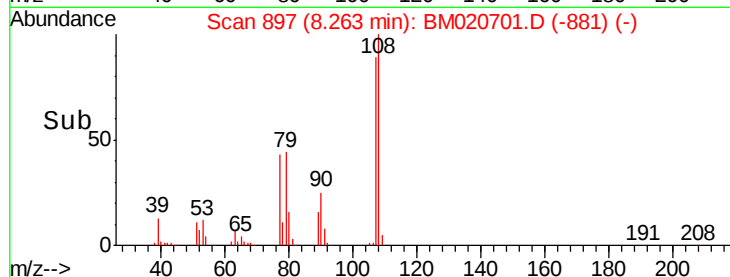


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 132.196 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

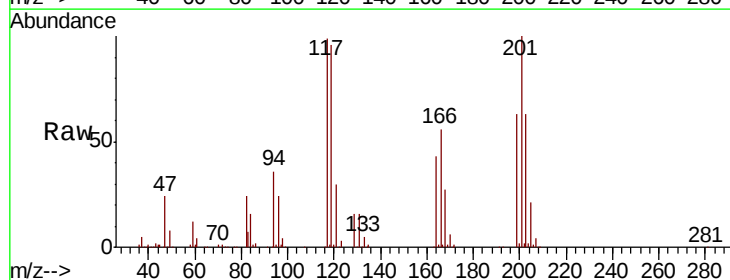
Tgt Ion:117 Resp: 329916

Ion Ratio Lower Upper

117 100

119 97.4 76.7 115.1

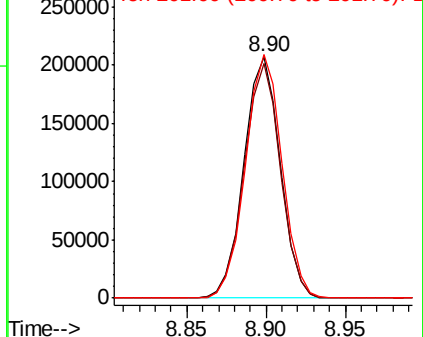
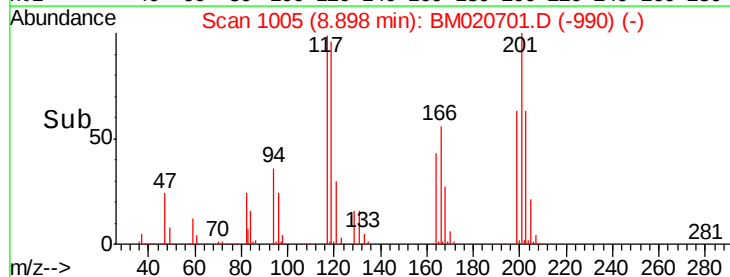
201 101.0 77.9 116.9

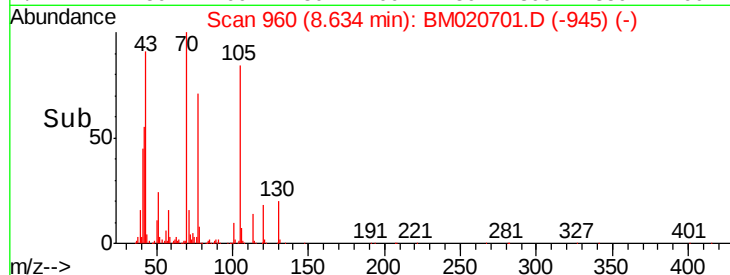
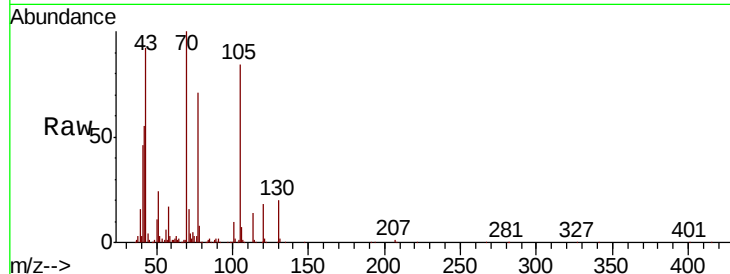
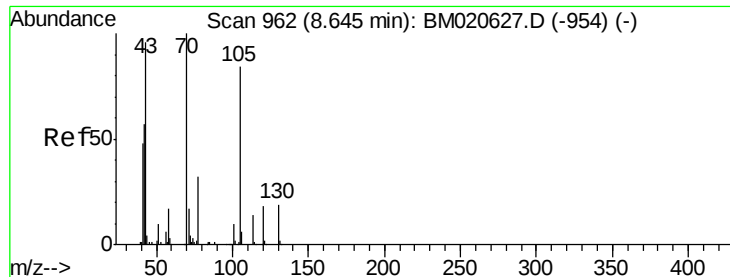


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

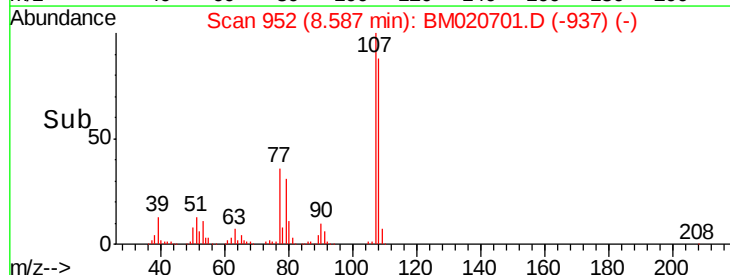
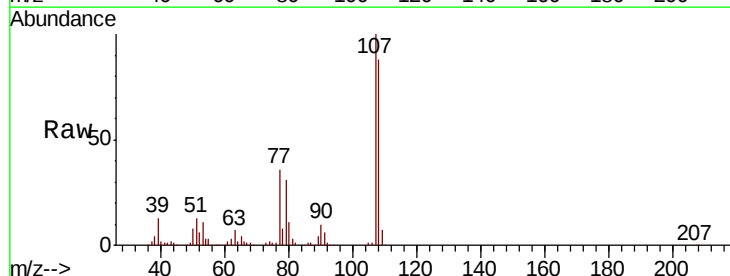
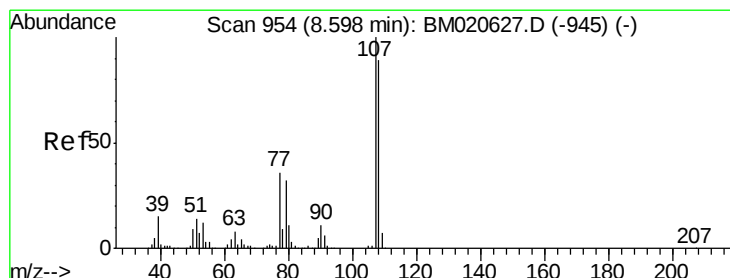
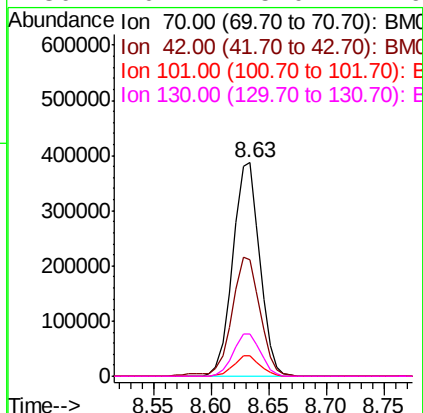




#19
n-Nitroso-di-n-propylamine
Concen: 117.801 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

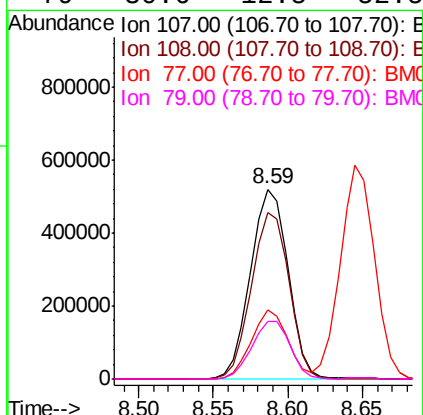
Instrument :
BNA_M
ClientSampleId :
PB120211BL

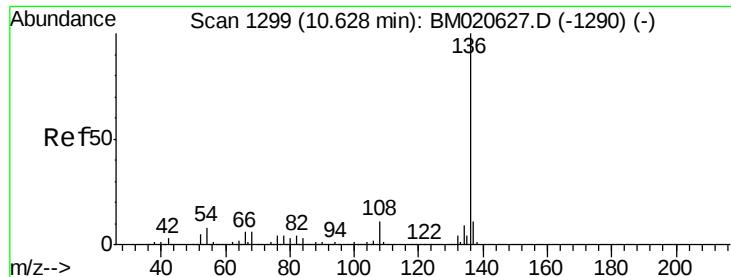
Tot Ion:	70	Resp:	625300
Ion	Ratio	Lower	Upper
70	100		
42	54.7	46.8	70.2
101	9.6	7.8	11.6
130	20.1	15.0	22.6



#20
3+4-Methylphenols
Concen: 133.051 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion:	107	Resp:	905842
Ion	Ratio	Lower	Upper
107	100		
108	87.8	69.2	109.2
77	36.2	16.2	56.2
79	30.6	12.5	52.5

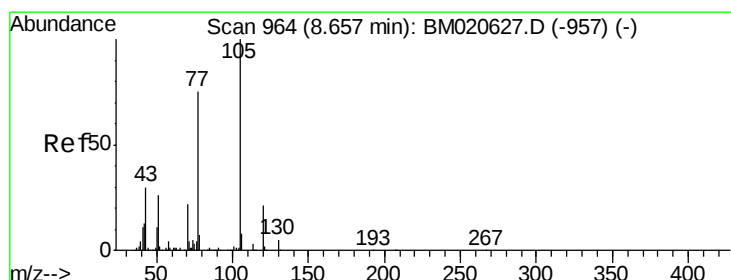
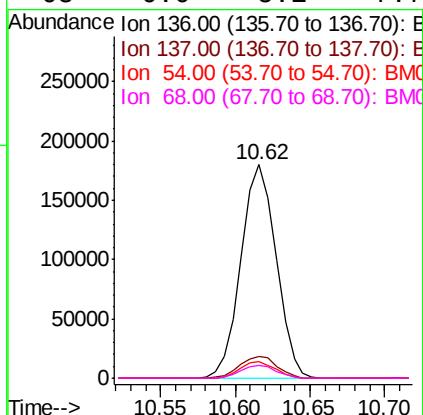
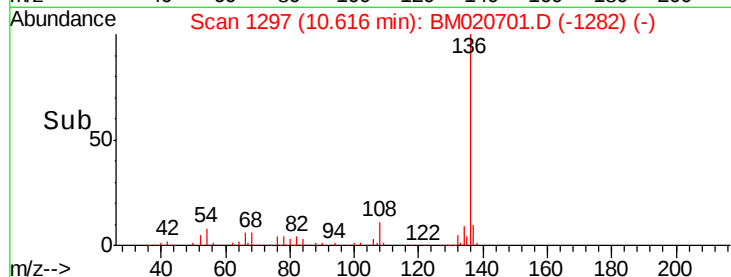
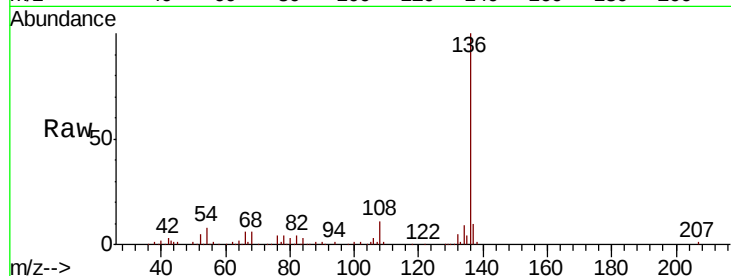




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

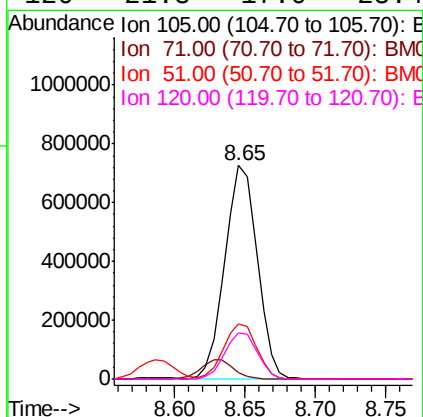
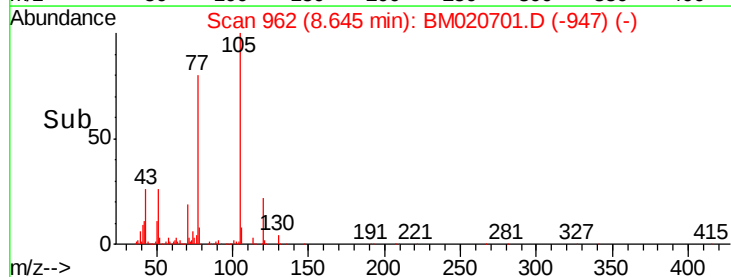
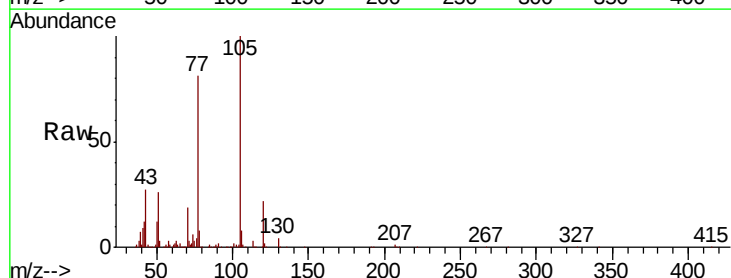
Instrument :
BNA_M
ClientSampleId :
PB120211BL

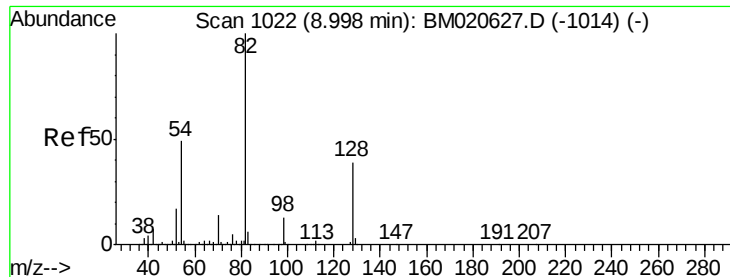
Tot Ion:136	Resp:	295458	
Ion Ratio	Lower	Upper	
136 100			
137 10.5	8.8	13.2	
54 7.6	6.6	10.0	
68 6.0	5.1	7.7	



#22
Acetophenone
Concen: 155.606 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt	Ion:105	Resp:	1167928
Ion	Ratio	Lower	Upper
105	100		
71	3.2	3.2	4.8#
51	25.8	22.8	34.2
120	21.8	17.0	25.4

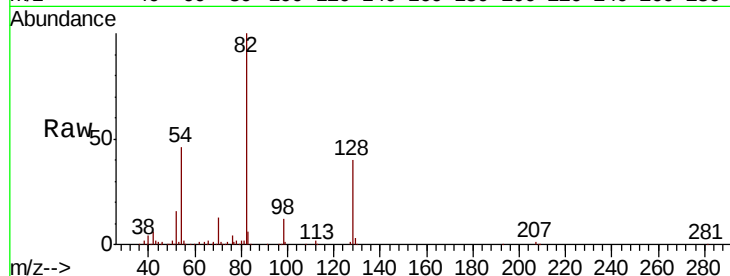




#23
 Nitrobenzene-d5
 Concen: 83.096 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

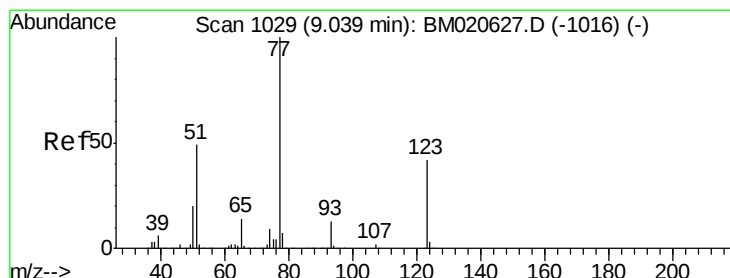
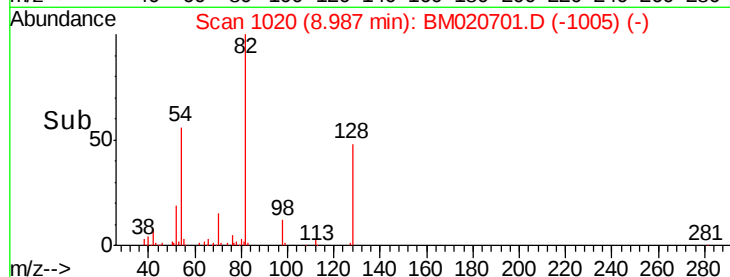
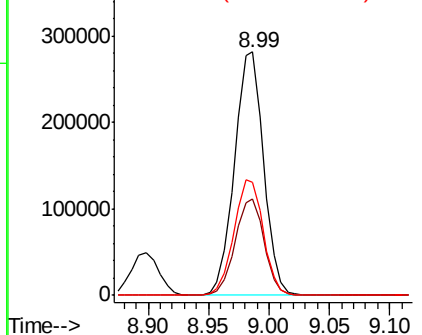
Tot Ion	82	Resp	473855
Ion Ratio	Lower	Upper	
82	100		
128	39.8	31.5	47.3
54	46.3	39.4	59.0



Abundance Ion 82.00 (81.70 to 82.70): BM020701.D (-1005) (-)

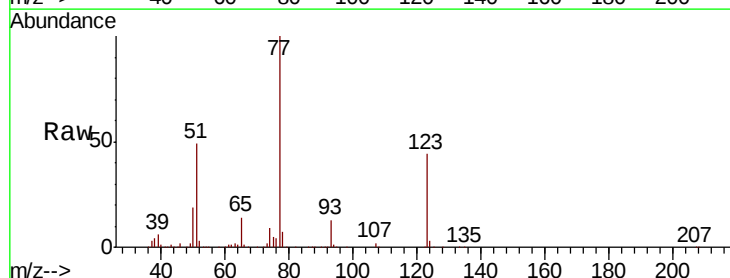
Ion 128.00 (127.70 to 128.70): BM020701.D (-1005) (-)

Ion 54.00 (53.70 to 54.70): BM020701.D (-1005) (-)



#24
 Nitrobenzene
 Concen: 154.252 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

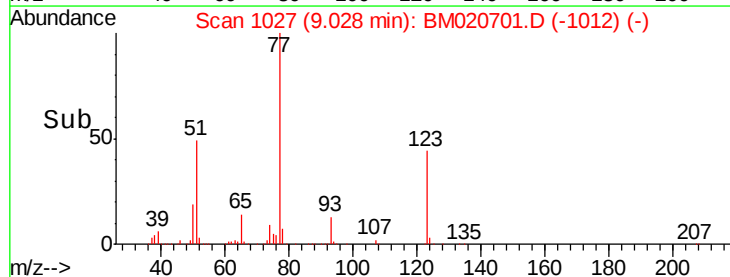
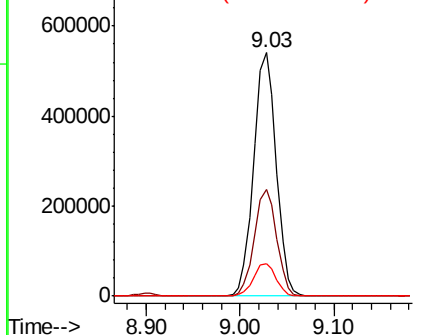
Tgt Ion	77	Resp	897983
Ion Ratio	Lower	Upper	
77	100		
123	43.9	33.7	50.5
65	13.6	11.0	16.6

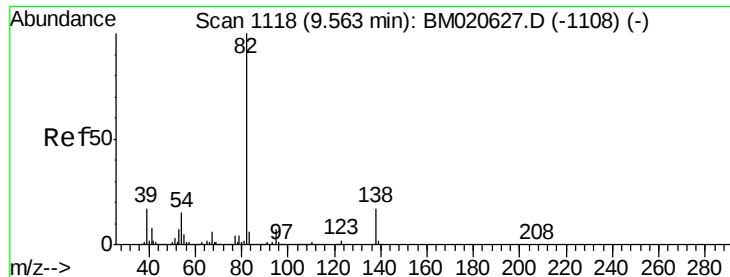


Abundance Ion 77.00 (76.70 to 77.70): BM020701.D (-1012) (-)

Ion 123.00 (122.70 to 123.70): BM020701.D (-1012) (-)

Ion 65.00 (64.70 to 65.70): BM020701.D (-1012) (-)





#25

Isophorone

Concen: 143.097 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

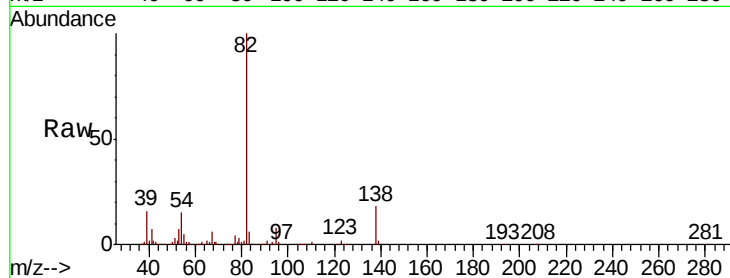
Tot Ion: 82 Resp: 1623201

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.8

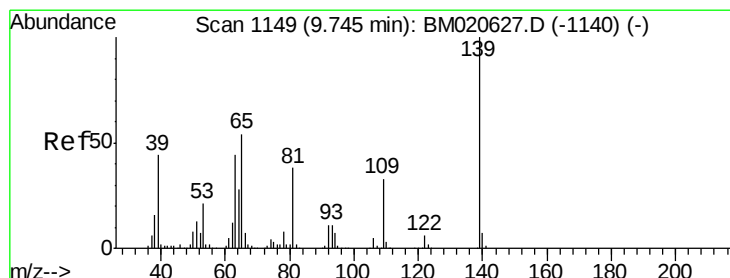
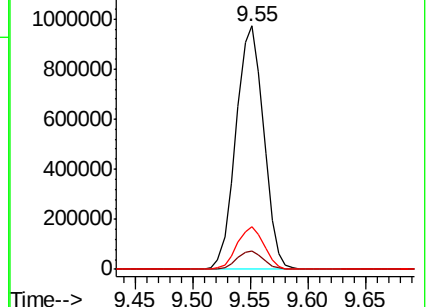
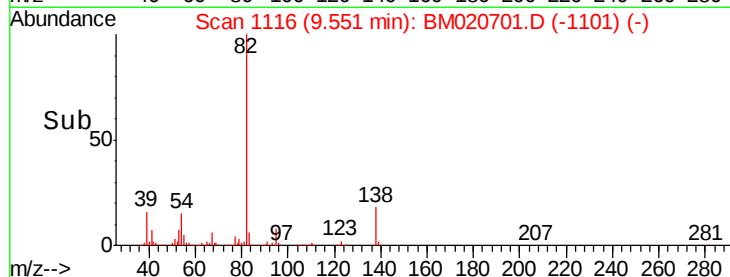
138 17.8 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020701.D (-1116) (-)

Ion 95.00 (94.70 to 95.70): BM020701.D (-1116) (-)

Ion 138.00 (137.70 to 138.70): BM020701.D (-1116) (-)



#26

2-Nitrophenol

Concen: 182.600 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

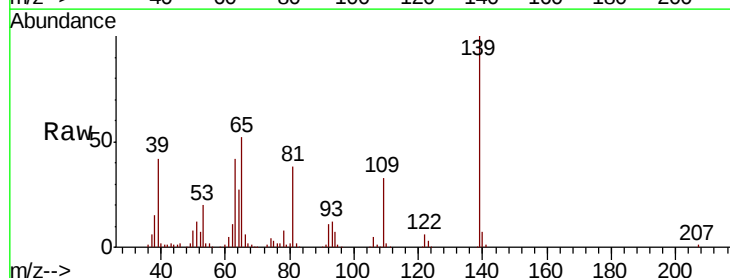
Tgt Ion: 139 Resp: 396177

Ion Ratio Lower Upper

139 100

109 33.1 26.1 39.1

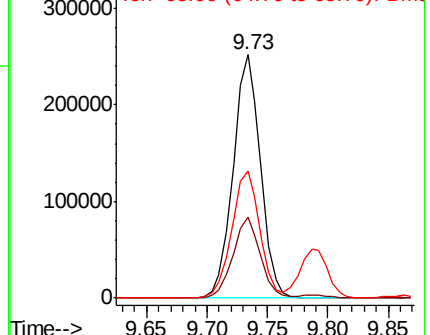
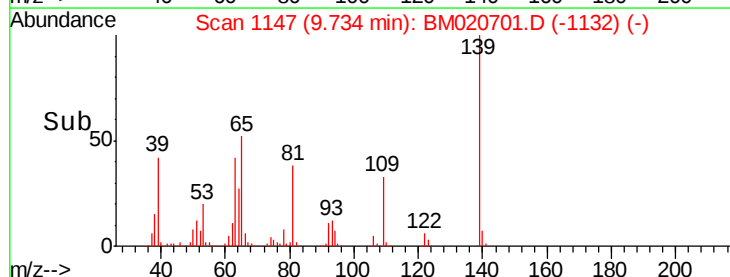
65 52.0 43.4 65.0

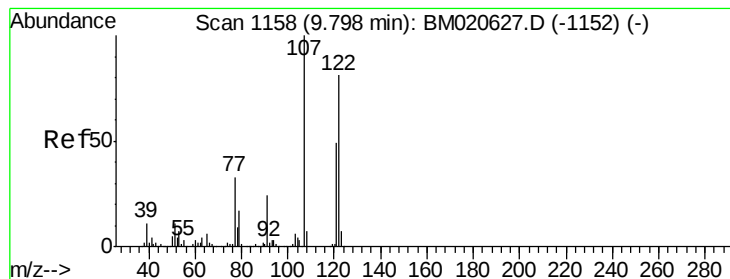


Abundance Ion 139.00 (138.70 to 139.70): BM020701.D (-1147) (-)

Ion 109.00 (108.70 to 109.70): BM020701.D (-1147) (-)

Ion 65.00 (64.70 to 65.70): BM020701.D (-1147) (-)





#27

2,4-Dimethylphenol

Concen: 177.957 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

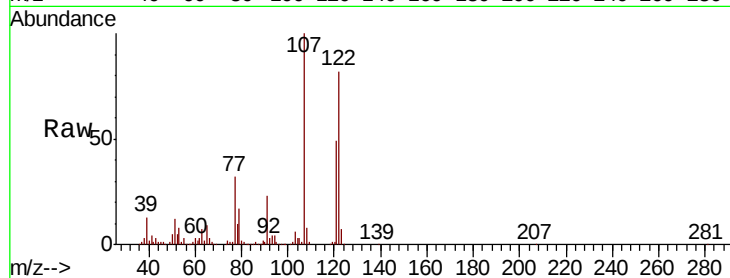
Tot Ion:122 Resp: 723494

Ion Ratio Lower Upper

122 100

107 122.1 98.0 147.0

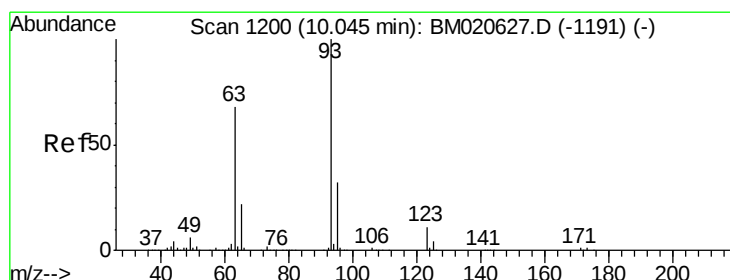
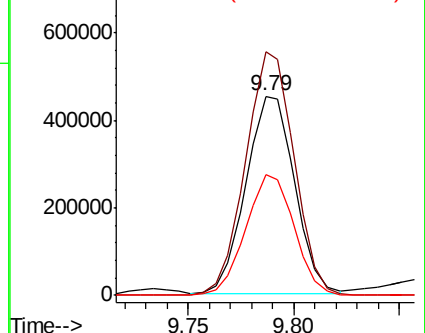
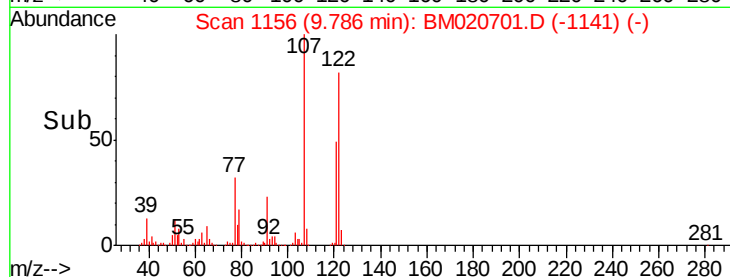
121 60.3 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 144.643 ng

RT: 10.03 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

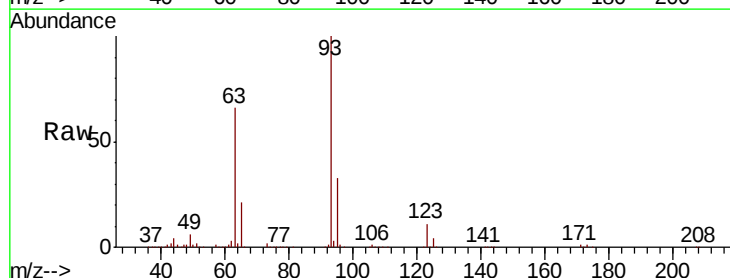
Tgt Ion: 93 Resp: 992047

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.6

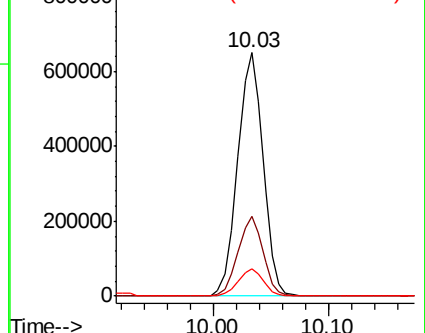
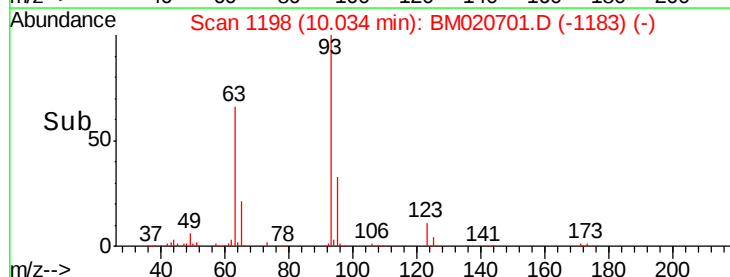
123 11.1 9.0 13.6

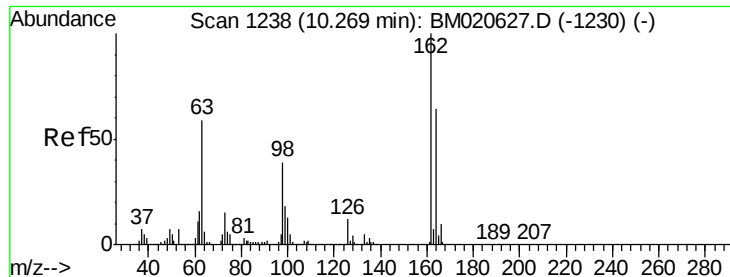


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

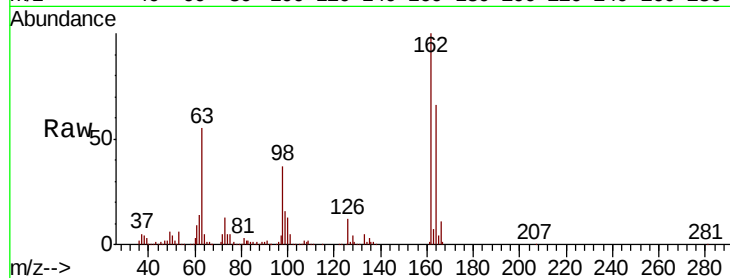




#29
 2,4-Dichlorophenol
 Concen: 164.185 ng
 RT: 10.26 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.7	43.8	83.8
98	37.2	19.1	59.1

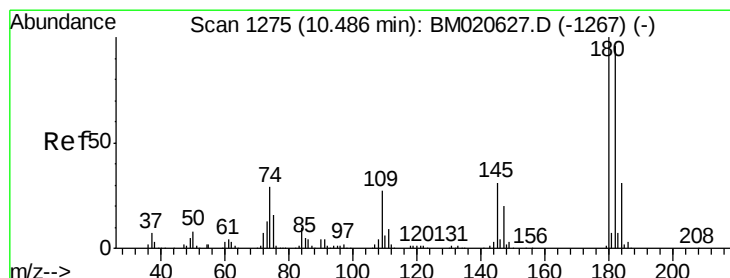
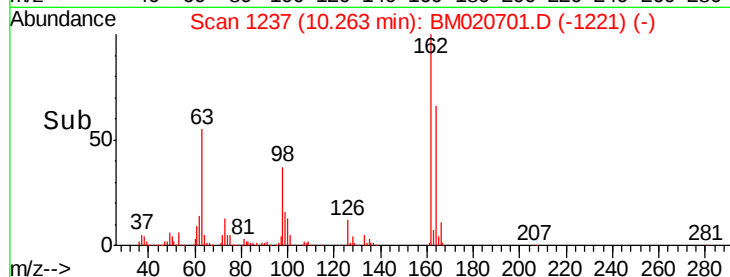
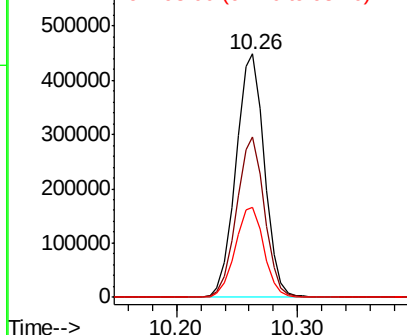


Abundance

Ion 162.00 (161.70 to 162.70): E

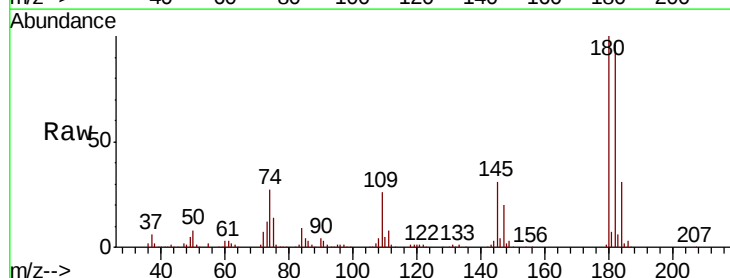
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 156.411 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.6
145	31.1	25.0	37.4

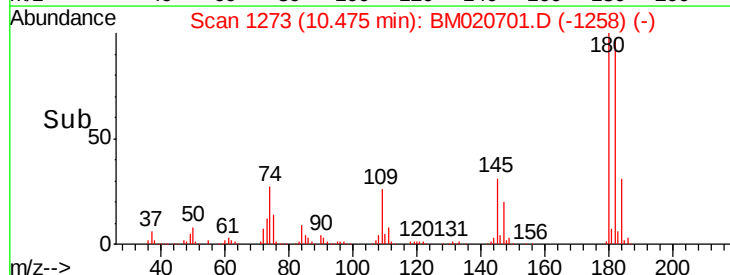
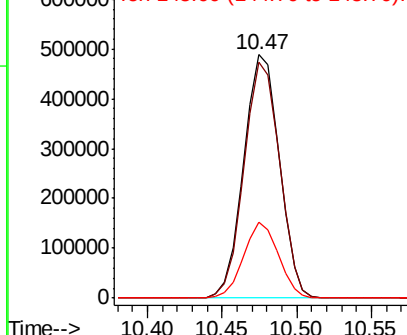


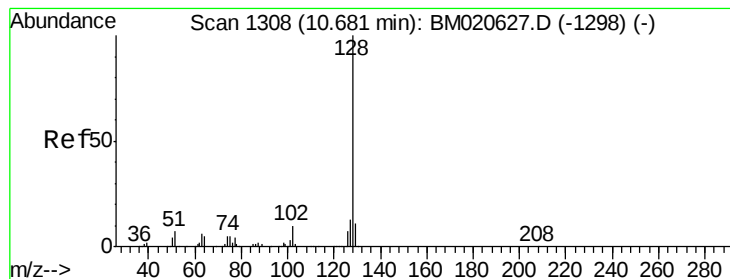
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 157.601 ng

RT: 10.67 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

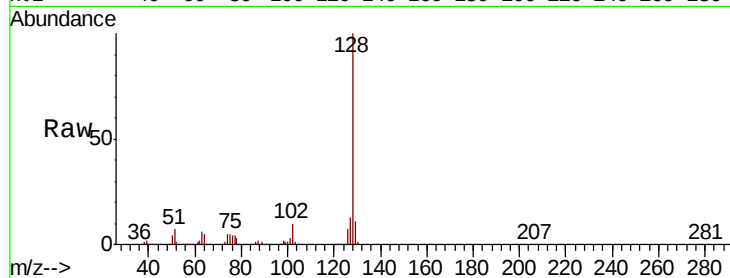
Tot Ion:128 Resp: 2394508

Ion Ratio Lower Upper

128 100

129 10.6 8.7 13.1

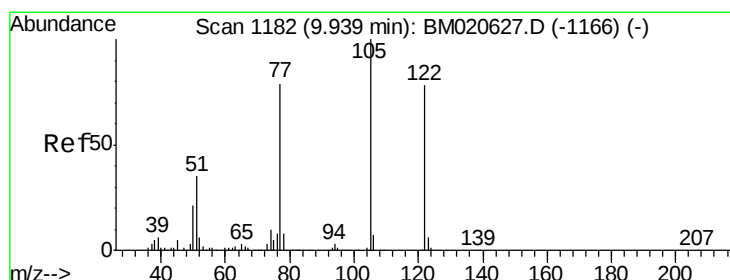
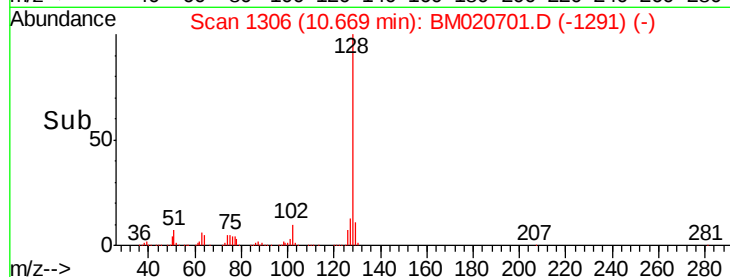
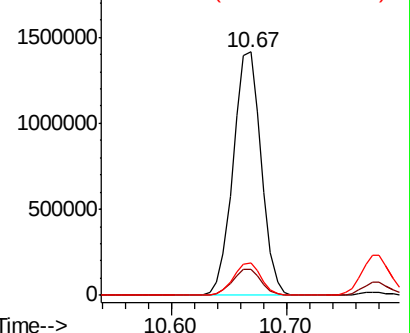
127 13.2 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 141.798 ng

RT: 9.92 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

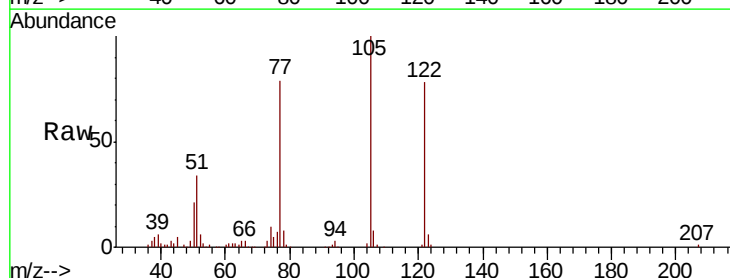
Tgt Ion:122 Resp: 391608

Ion Ratio Lower Upper

122 100

105 128.3 107.0 147.0

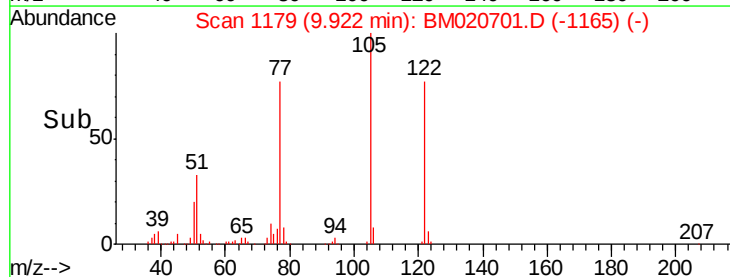
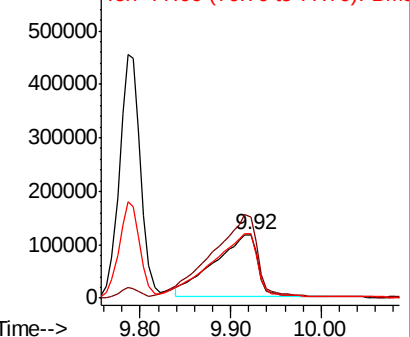
77 101.6 80.9 120.9

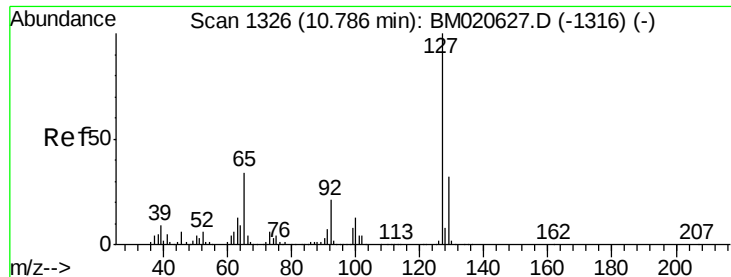


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

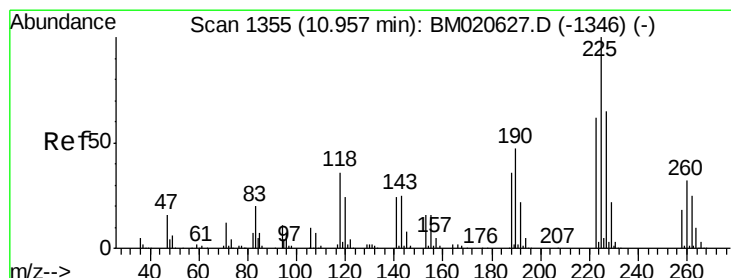
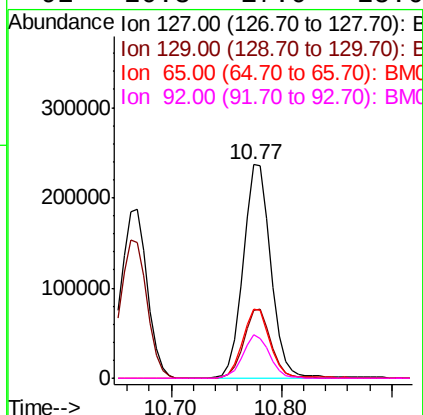
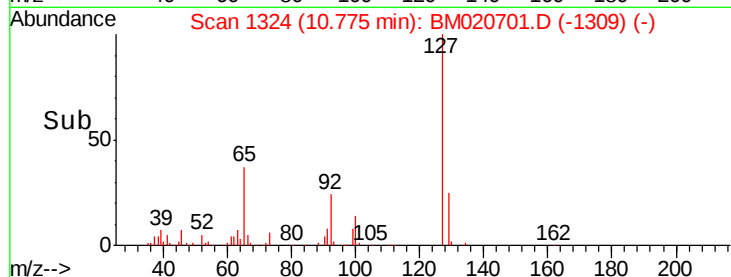
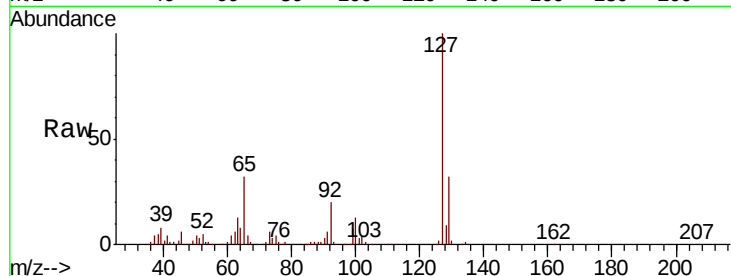




#33
4-Chloroaniline
Concen: 59.135 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

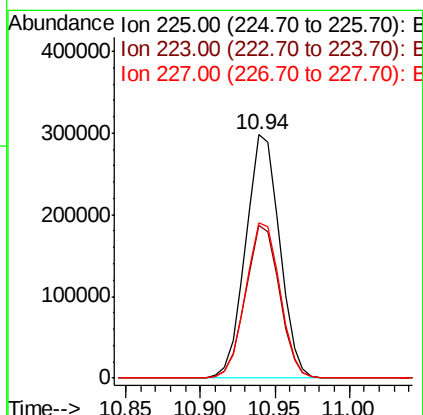
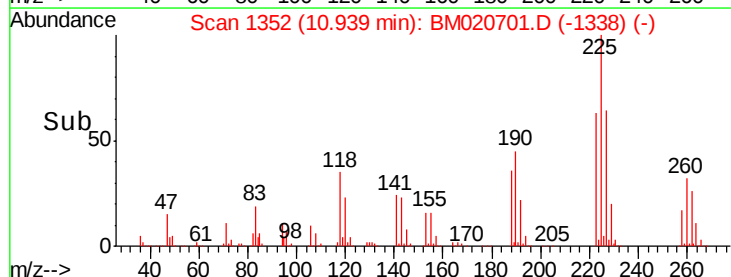
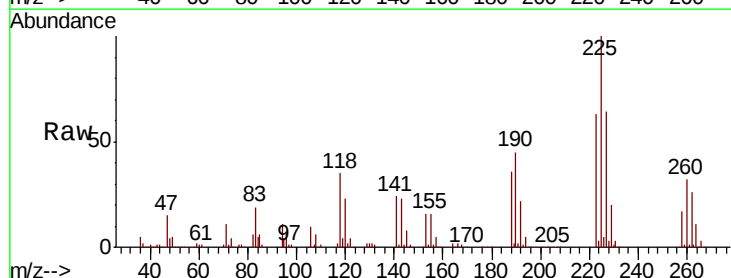
Instrument :
BNA_M
ClientSampleId :
PB120211BL

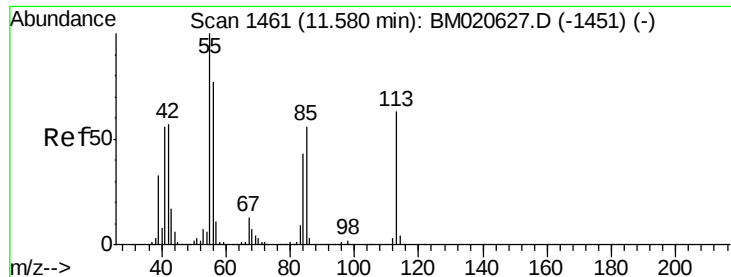
Tot Ion:	127	Resp:	418137
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	32.2	27.4	41.0
92	20.3	17.0	25.6



#34
Hexachlorobutadiene
Concen: 151.201 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion:	225	Resp:	469225
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.7	74.5
227	63.8	51.8	77.8





#35

Caprolactam

Concen: 129.482 ng

RT: 11.56 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

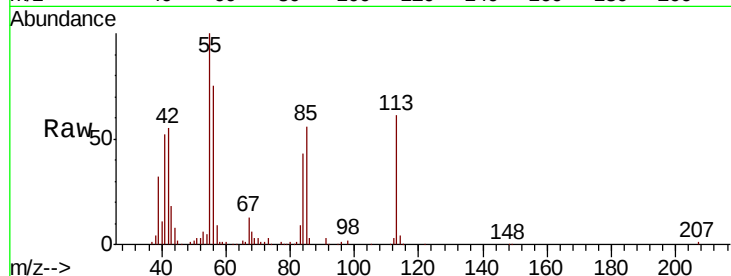
Tot Ion:113 Resp: 202332

Ion Ratio Lower Upper

113 100

55 164.9 138.6 178.6

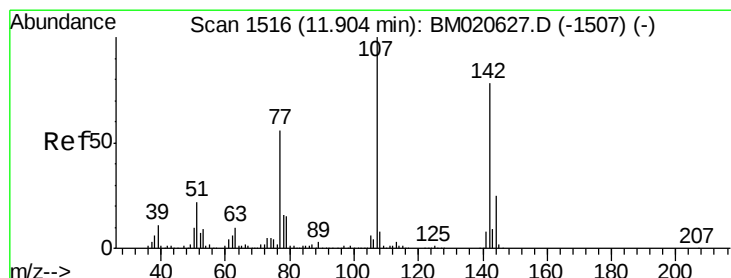
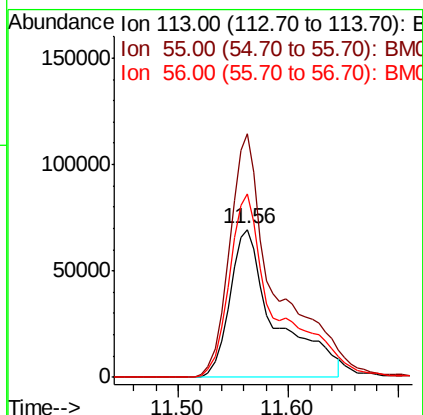
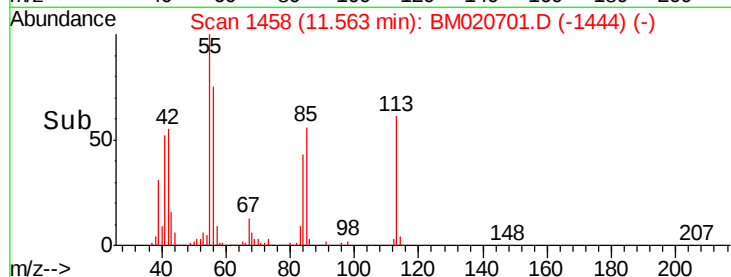
56 123.9 102.3 142.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 146.132 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

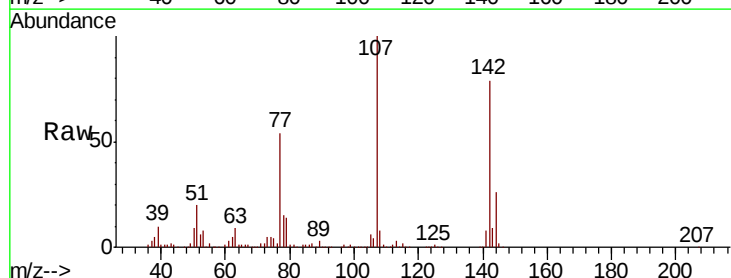
Tgt Ion:107 Resp: 764229

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

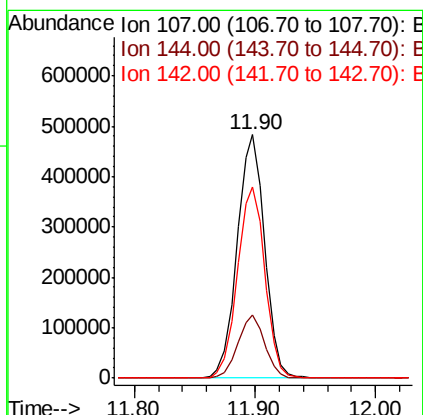
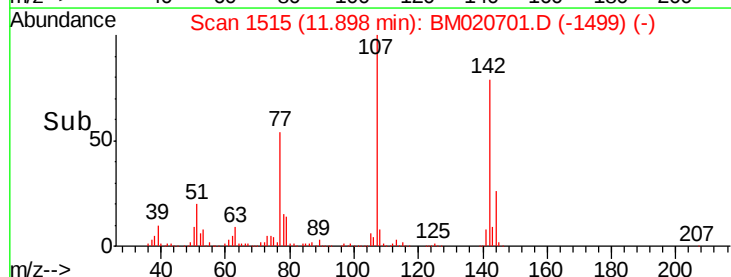
142 78.7 62.6 93.8

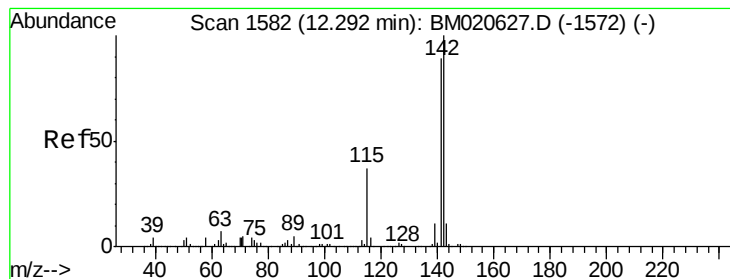


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 152.204 ng

RT: 12.28 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

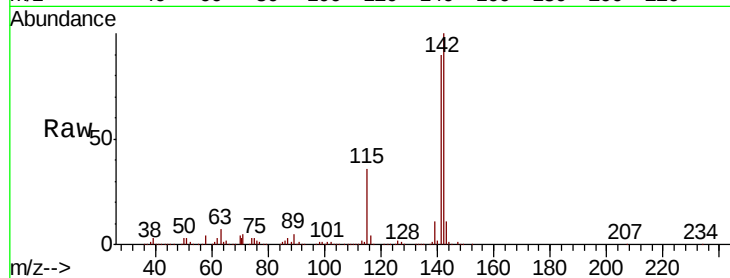
Tot Ion:142 Resp: 1714080

Ion Ratio Lower Upper

142 100

141 90.0 71.6 107.4

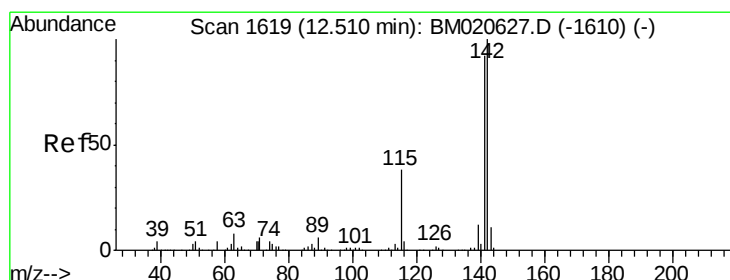
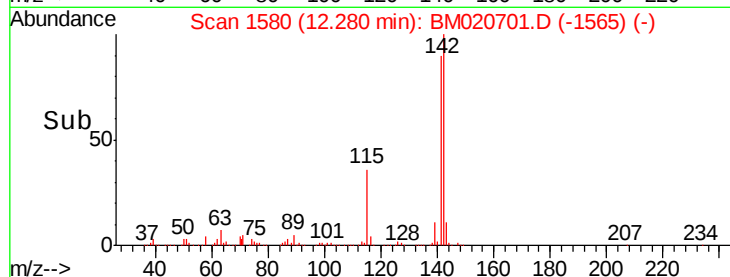
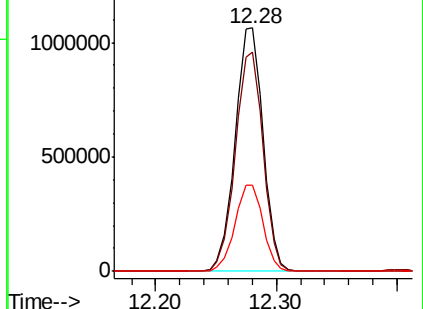
115 35.5 29.6 44.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 150.448 ng

RT: 12.50 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

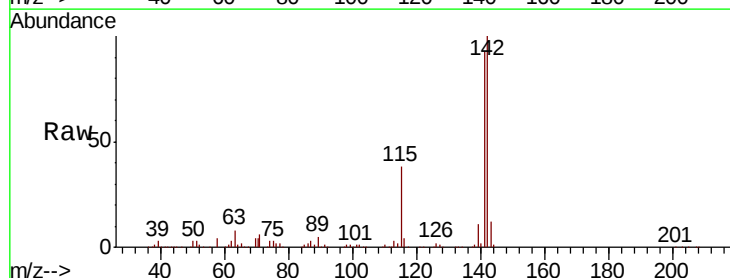
Tgt Ion:142 Resp: 1613297

Ion Ratio Lower Upper

142 100

141 92.7 73.9 110.9

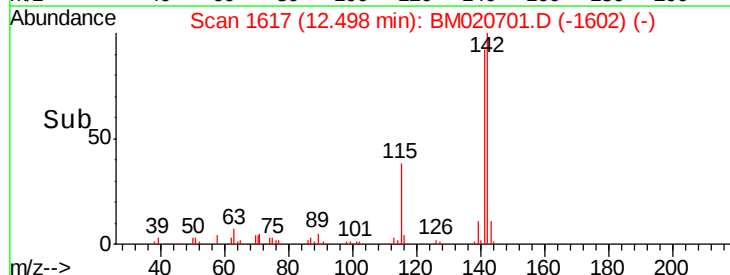
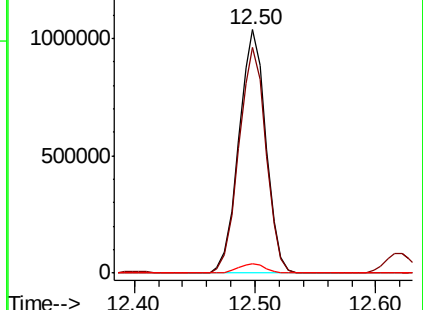
116 3.8 3.2 4.8

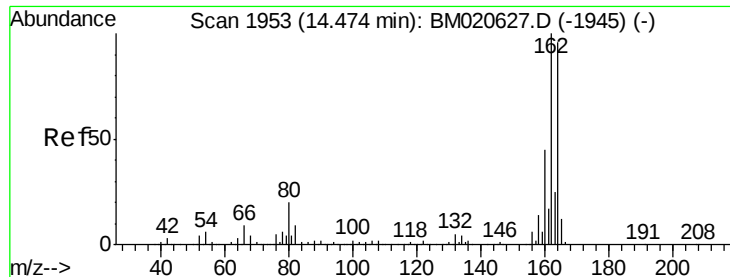


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

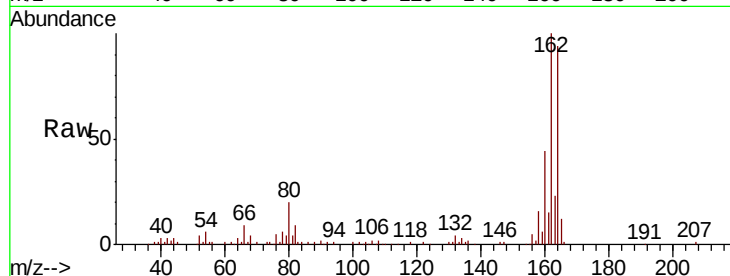
Tot Ion:164 Resp: 142692

Ion Ratio Lower Upper

164 100

162 106.3 83.2 124.8

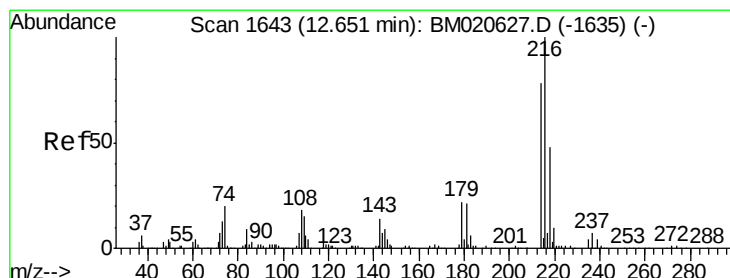
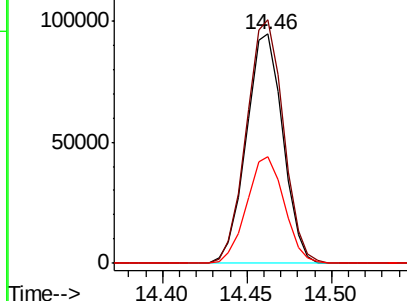
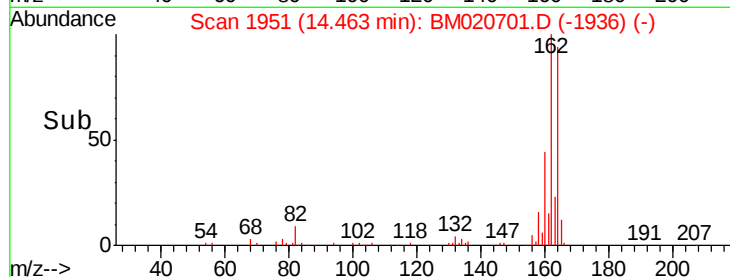
160 46.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 182.716 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Tgt Ion:216 Resp: 854407

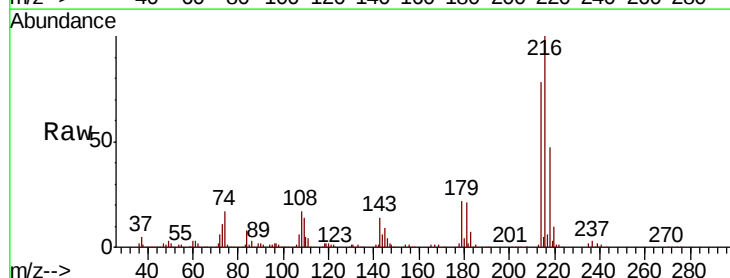
Ion Ratio Lower Upper

216 100

214 78.7 63.0 94.4

179 22.0 17.9 26.9

108 21.2 16.2 24.2

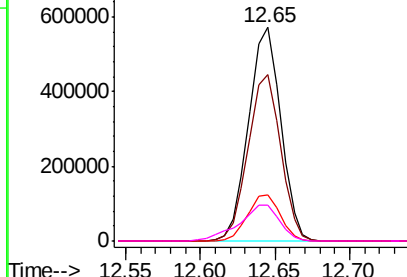
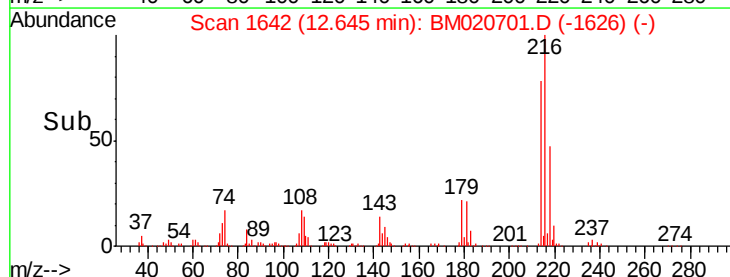


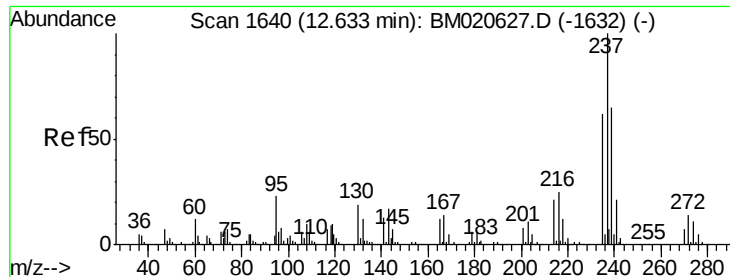
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 371.686 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

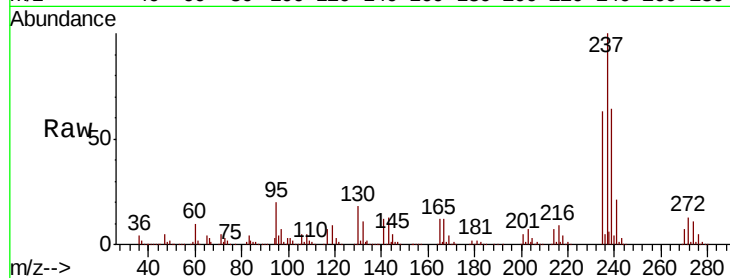
Tot Ion:237 Resp: 1039486

Ion Ratio Lower Upper

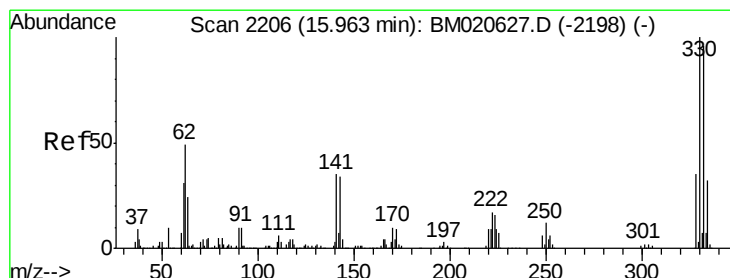
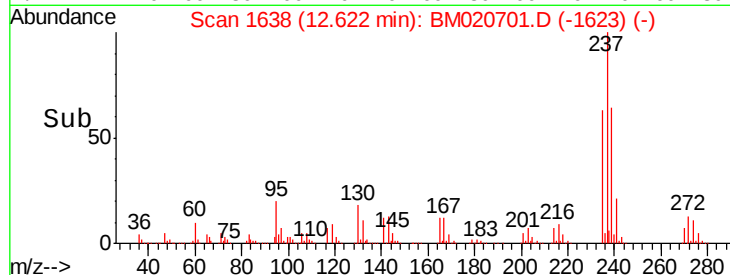
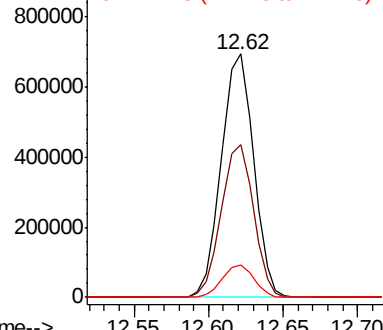
237 100

235 62.7 42.1 82.1

272 13.4 0.0 33.5



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 147.453 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

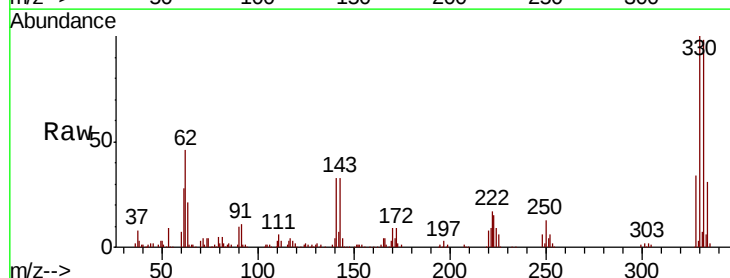
Tgt Ion:330 Resp: 260688

Ion Ratio Lower Upper

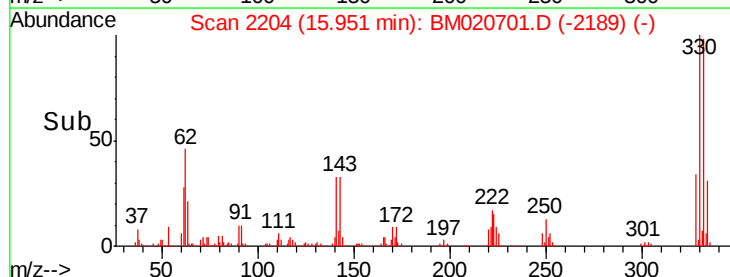
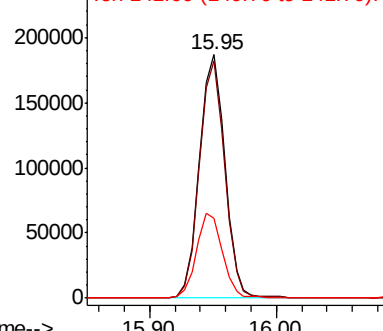
330 100

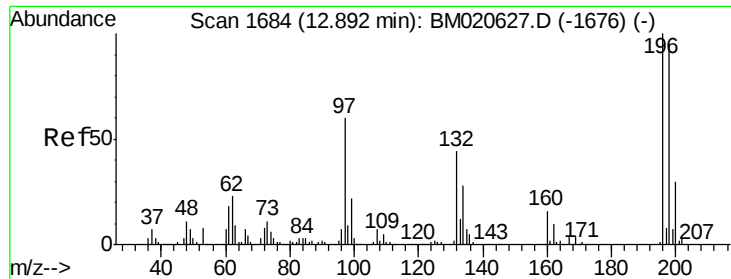
332 96.5 77.4 116.0

141 35.7 30.4 45.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

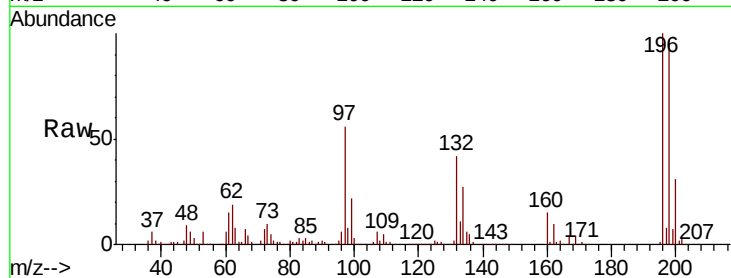




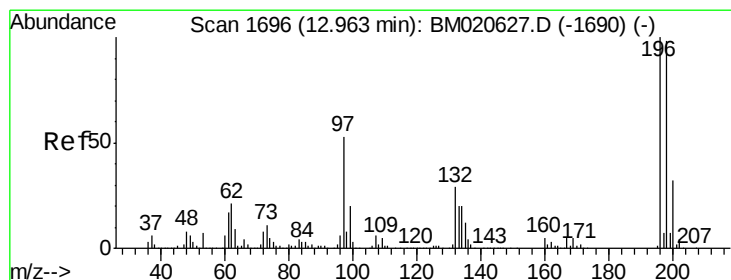
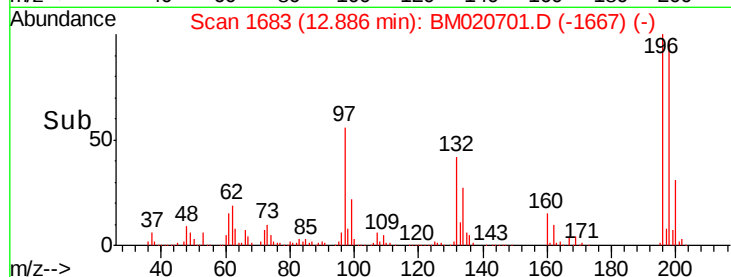
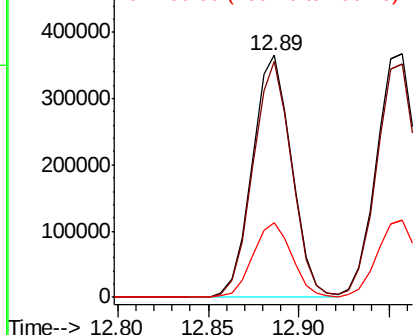
#43
 2,4,6-Trichlorophenol
 Concen: 182.899 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Instrument :
 BNA_M
 ClientSampleID :
 PB120211BL

Tot Ion:196 Resp: 550516
 Ion Ratio Lower Upper
 196 100
 198 97.3 75.7 113.5
 200 30.8 23.9 35.9

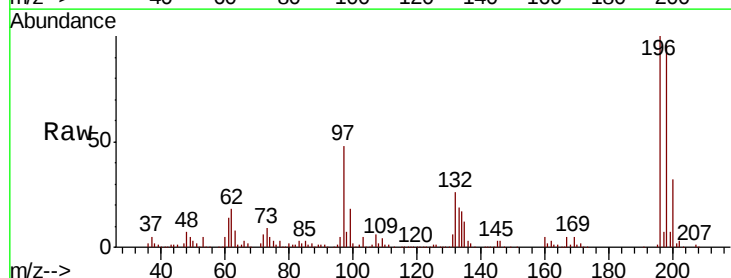


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

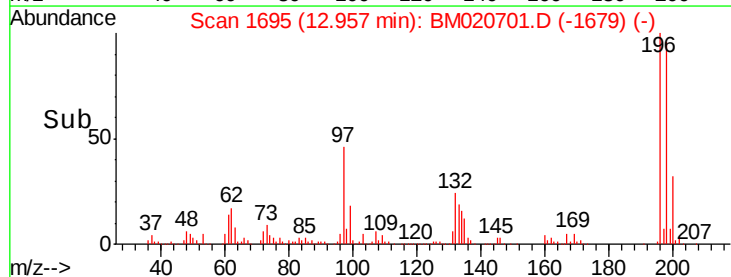
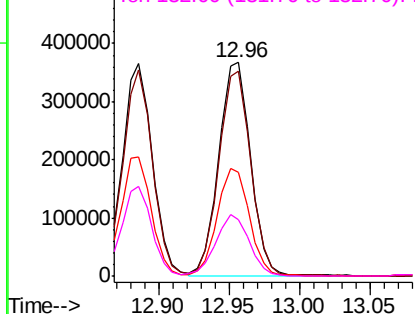


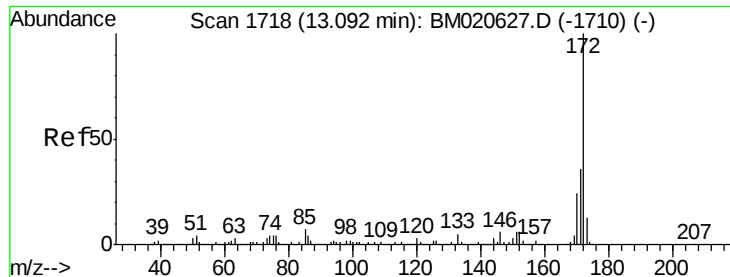
#44
 2,4,5-Trichlorophenol
 Concen: 184.685 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Tgt Ion:196 Resp: 573898
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.6 117.8
 97 48.4 42.7 64.1
 132 26.3 23.4 35.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM0
 Ion 132.00 (131.70 to 132.70): E

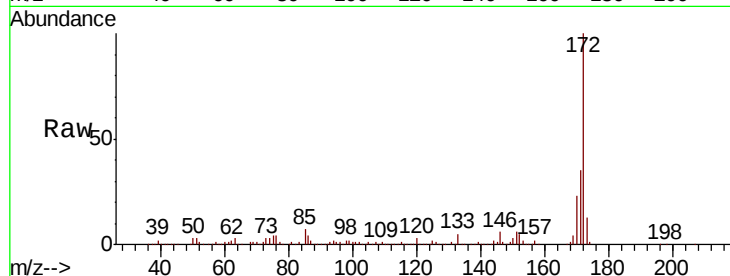




#45
2-Fluorobiphenyl
Concen: 88.531 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.2	18.9	28.3

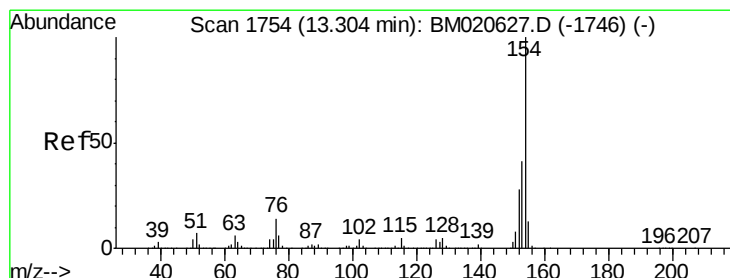
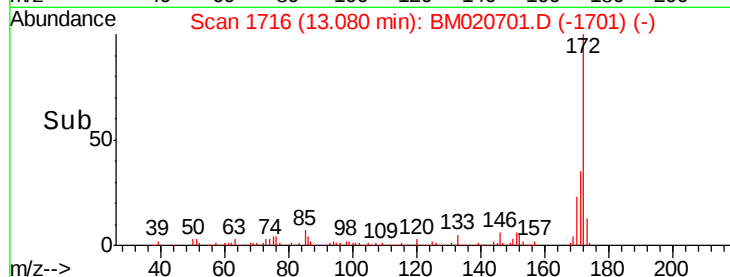
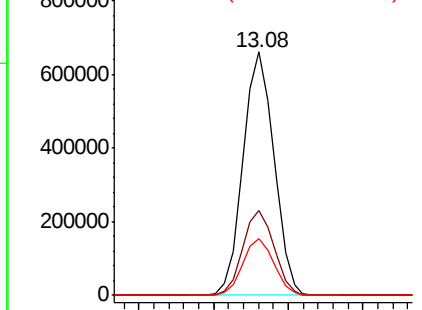


Abundance

Ion 172.00 (171.70 to 172.70): E

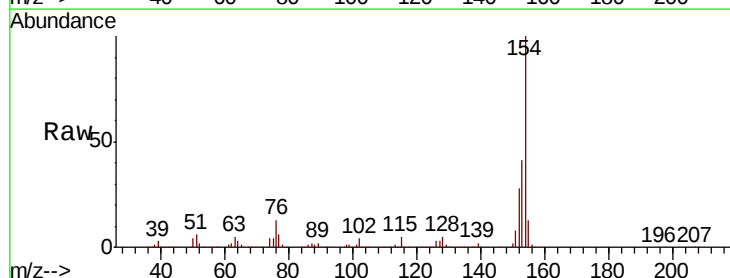
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 177.152 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.7	60.7
76	12.8	0.0	34.0

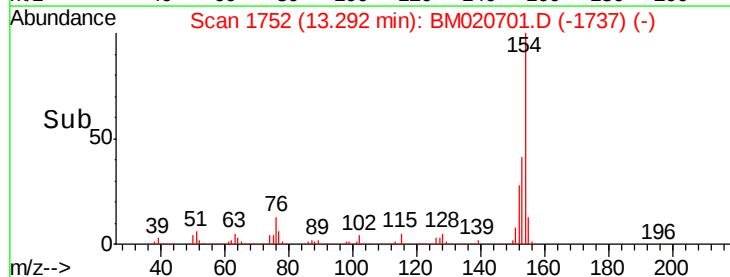
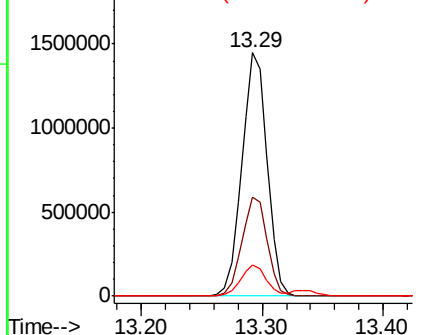


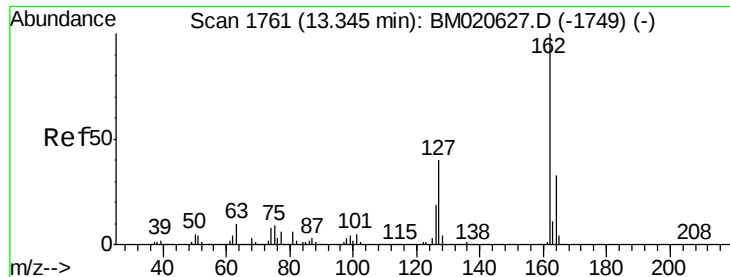
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0

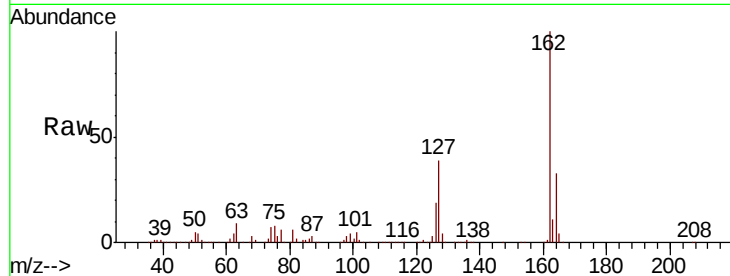




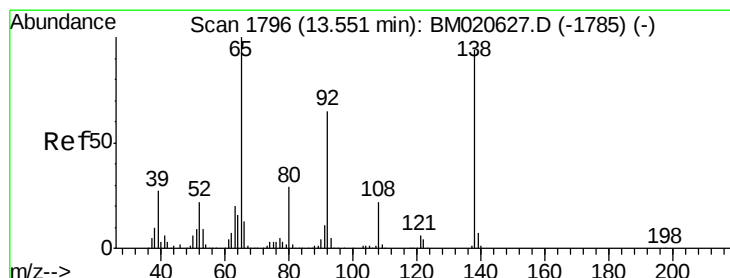
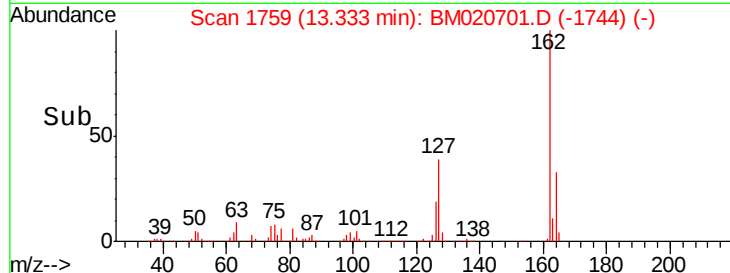
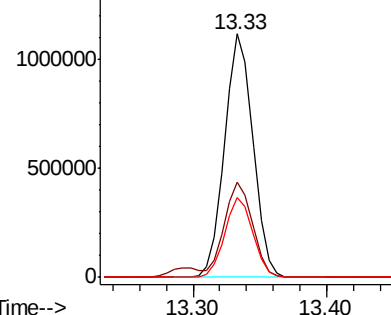
#47
2-Chloronaphthalene
Concen: 170.257 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion:162 Resp: 1637574
Ion Ratio Lower Upper
162 100
127 39.2 32.1 48.1
164 32.9 26.6 39.8

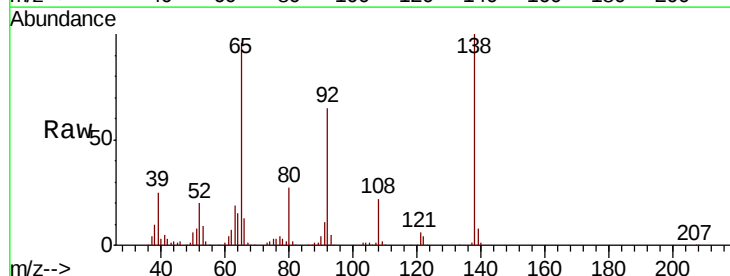


Abundance Ion 162.00 (161.70 to 162.70): E
1500000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

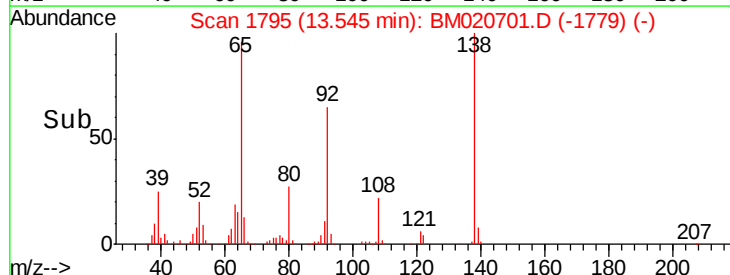
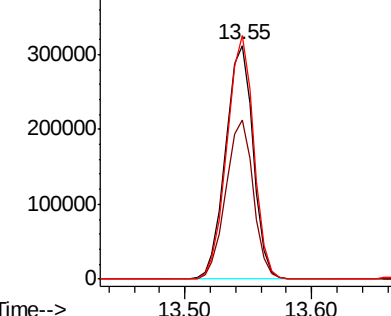


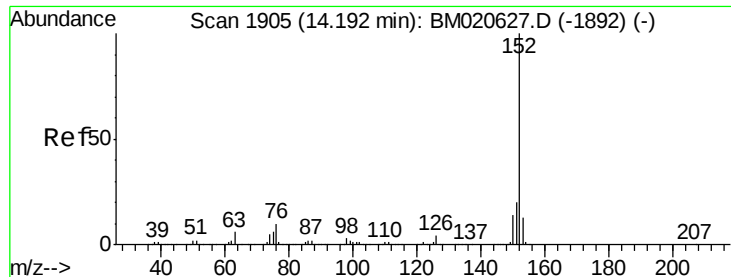
#48
2-Nitroaniline
Concen: 155.542 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion: 65 Resp: 469553
Ion Ratio Lower Upper
65 100
92 68.0 52.2 78.4
138 104.1 75.4 113.0



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 170.227 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

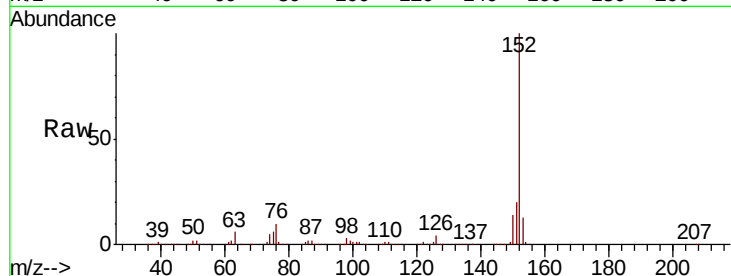
Tot Ion:152 Resp: 2554660

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

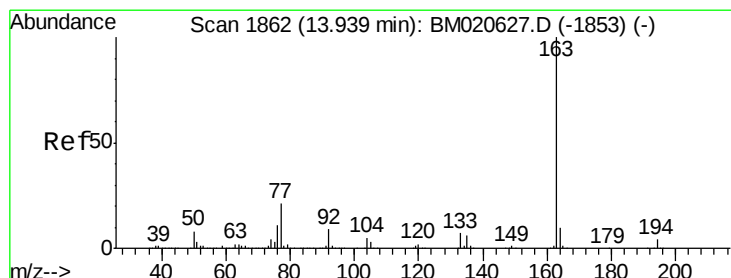
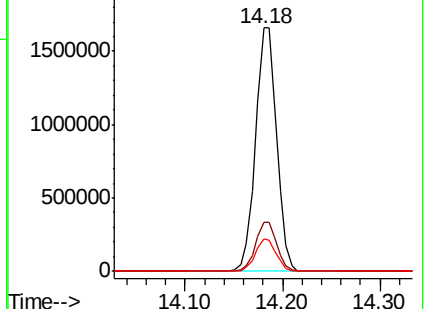
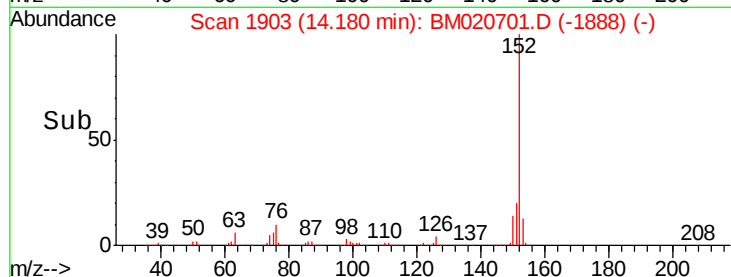
153 13.2 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 156.904 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

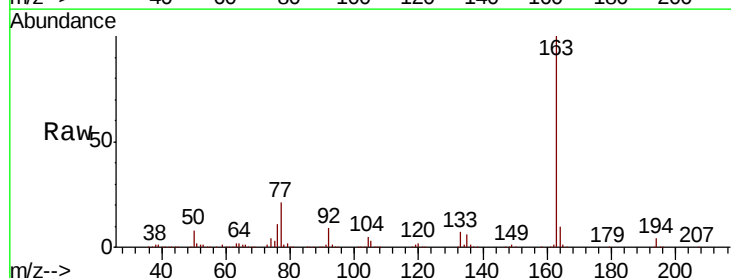
Tgt Ion:163 Resp: 1912795

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

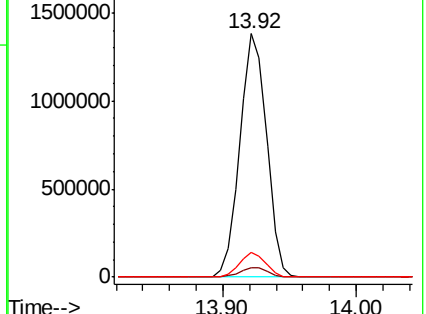
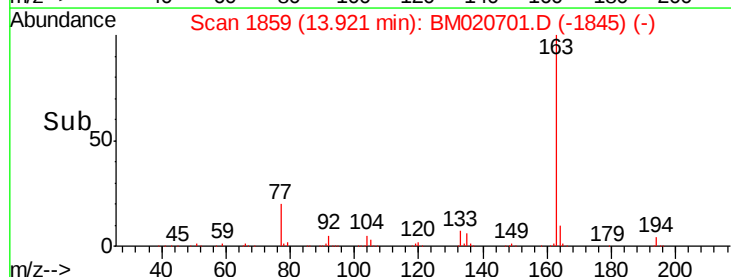
164 10.4 7.9 11.9

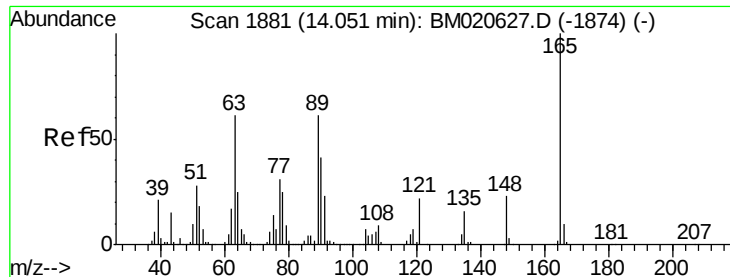


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 168.580 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

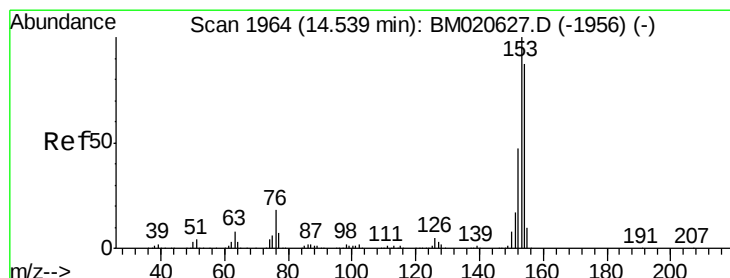
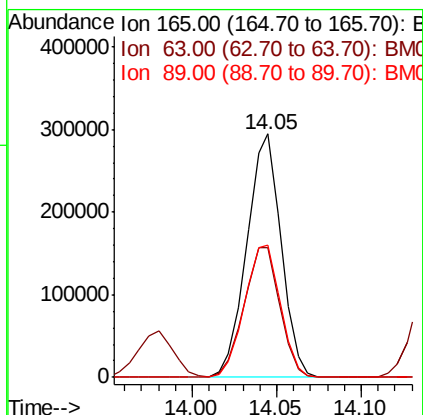
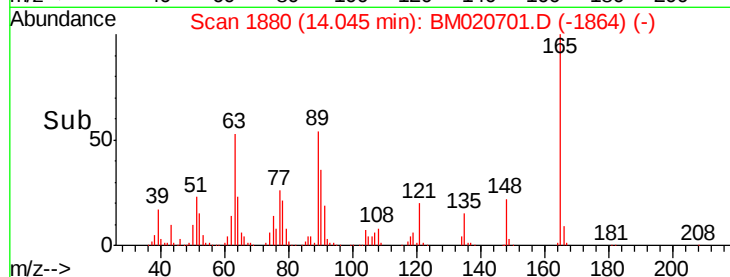
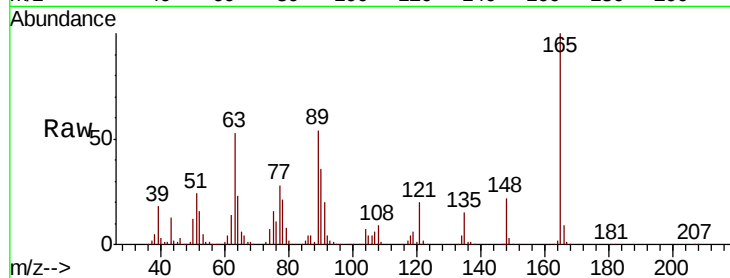
Tot Ion:165 Resp: 417297

Ion Ratio Lower Upper

165 100

63 53.2 50.4 75.6

89 54.1 49.1 73.7



#52

Acenaphthene

Concen: 164.920 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

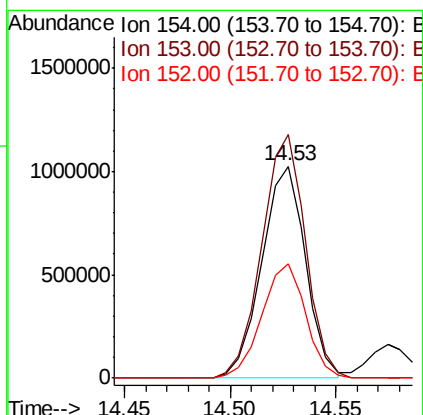
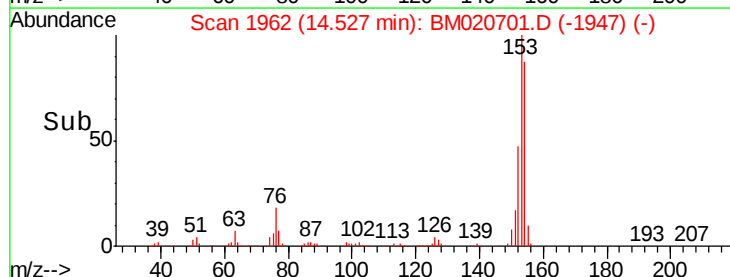
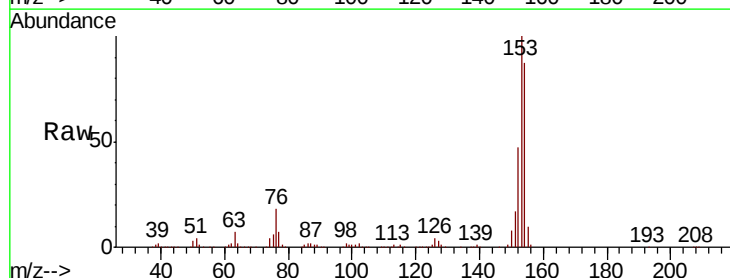
Tgt Ion:154 Resp: 1474950

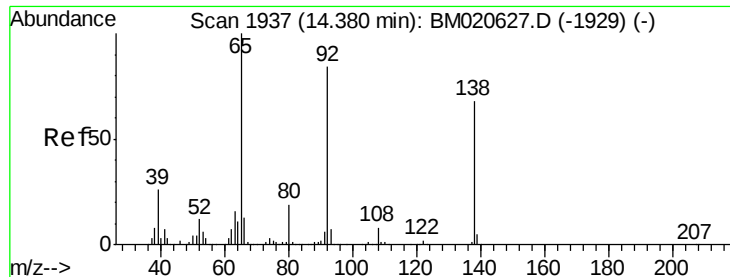
Ion Ratio Lower Upper

154 100

153 115.0 92.4 138.6

152 54.0 43.4 65.0





#53

3-Nitroaniline

Concen: 90.582 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampled :

PB120211BL

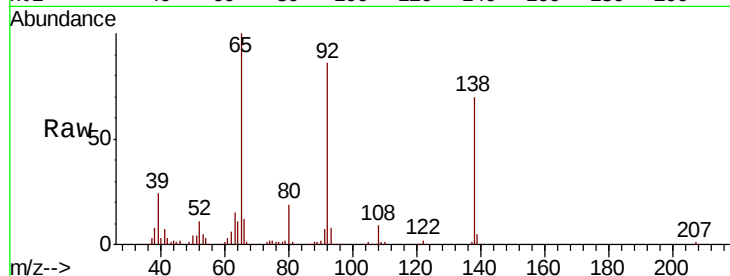
Tot Ion:138 Resp: 250271

Ion Ratio Lower Upper

138 100

108 12.5 9.5 14.3

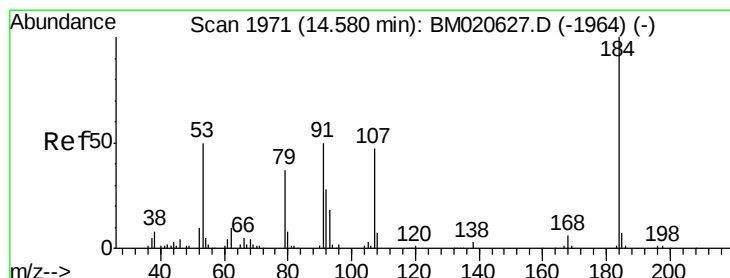
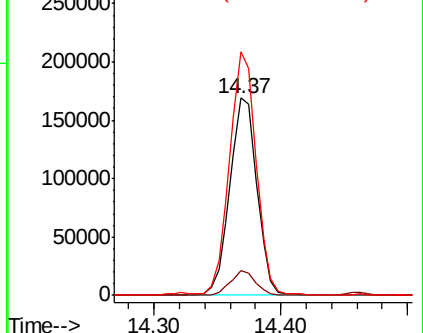
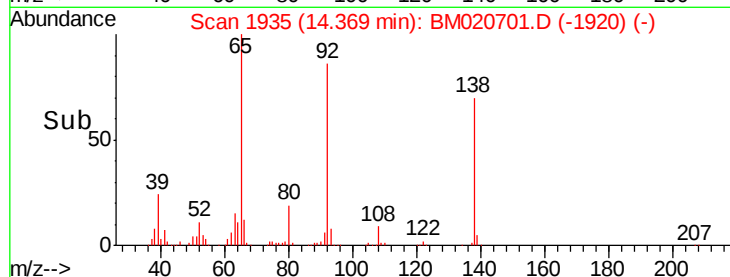
92 123.5 99.6 149.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 283.478 ng

RT: 14.57 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

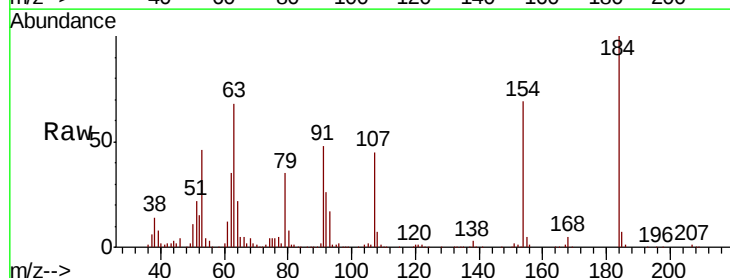
Tgt Ion:184 Resp: 323504

Ion Ratio Lower Upper

184 100

63 68.2 59.3 88.9

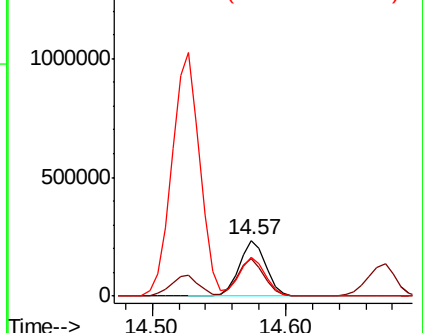
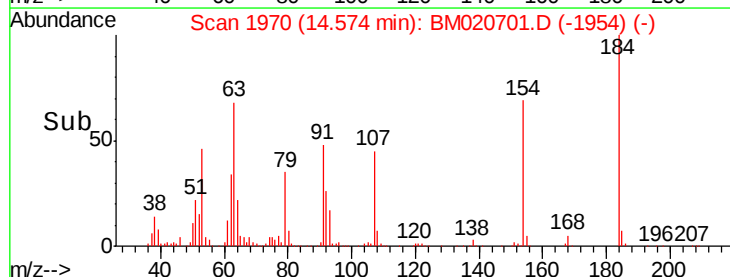
154 69.2 56.5 84.7

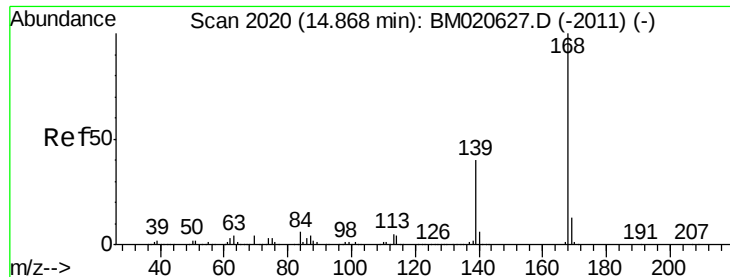


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 166.389 ng

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

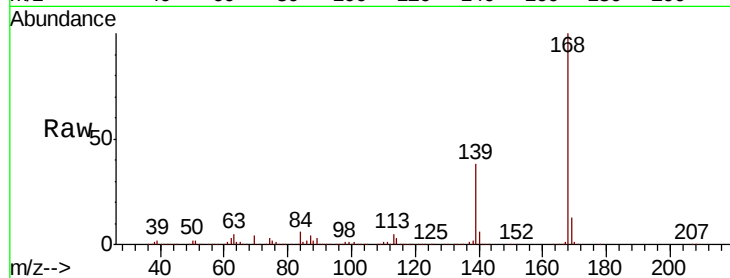
Tot Ion:168 Resp: 2311196

Ion Ratio Lower Upper

168 100

139 38.5 31.9 47.9

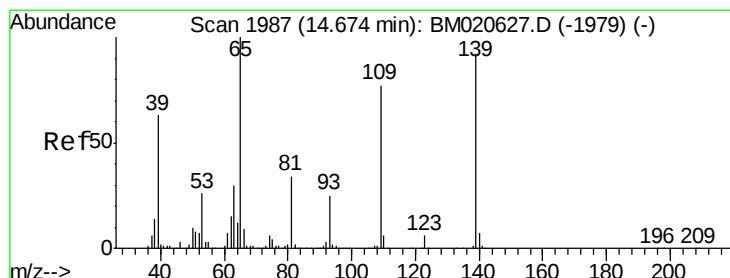
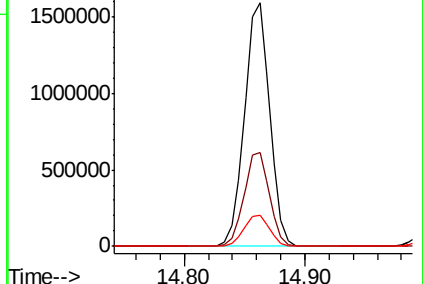
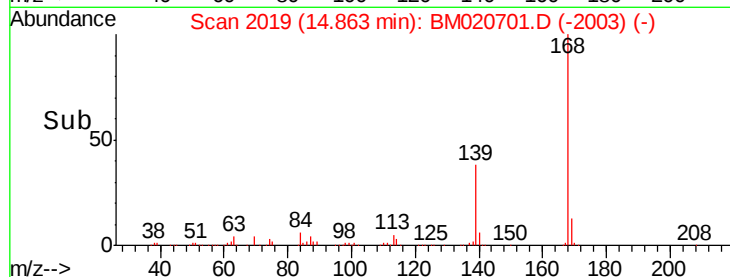
169 13.1 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 324.431 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

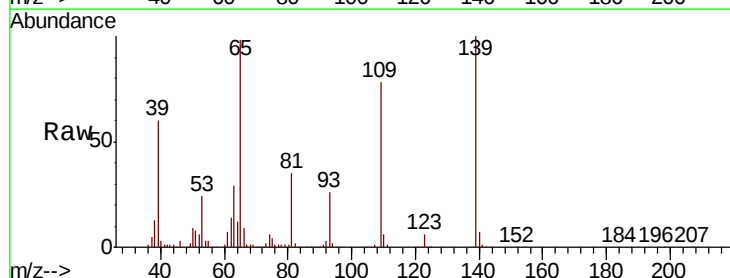
Tgt Ion:139 Resp: 660549

Ion Ratio Lower Upper

139 100

109 77.7 62.7 102.7

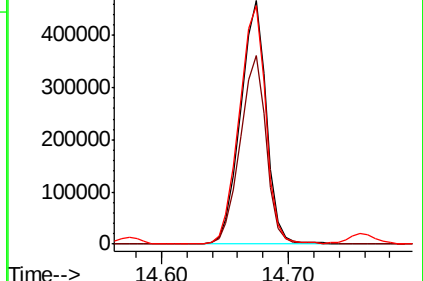
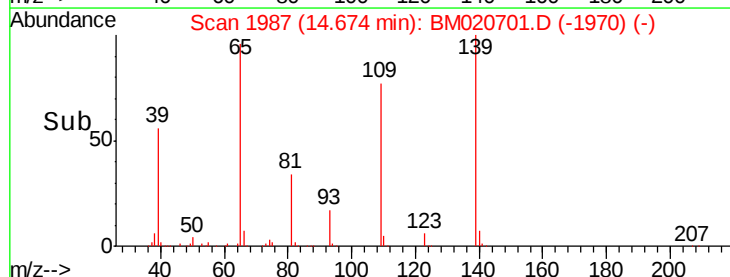
65 98.2 88.3 128.3

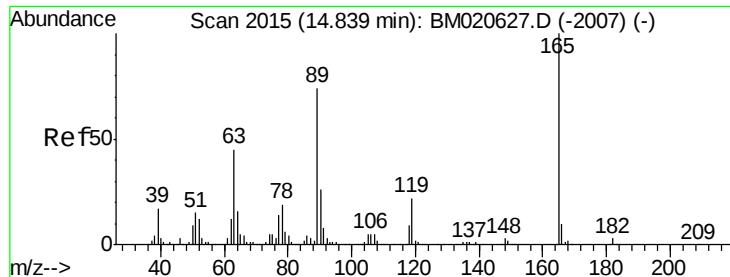


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

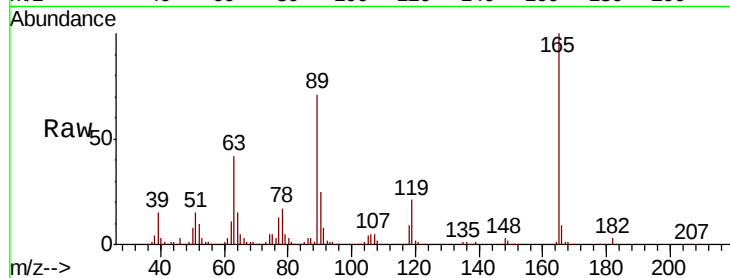




#57
2,4-Dinitrotoluene
Concen: 162.915 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.3	36.3	54.5
89	70.9	59.0	88.6
182	2.8	2.2	3.4



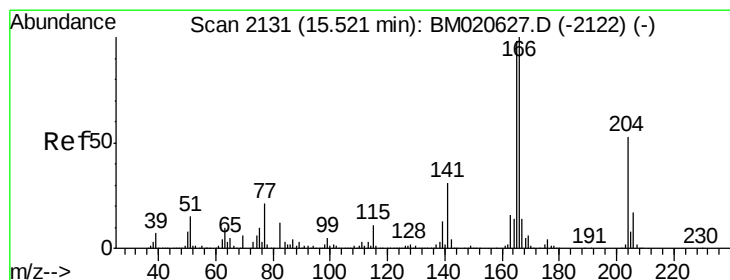
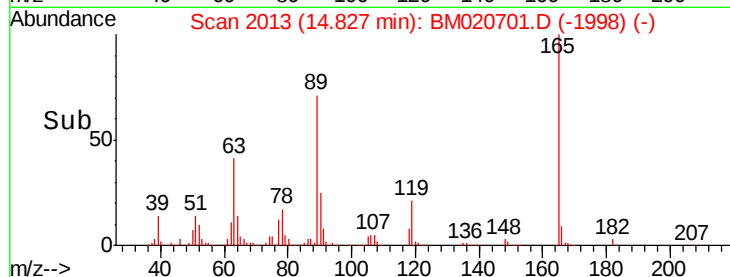
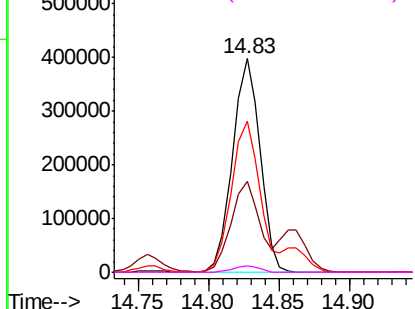
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

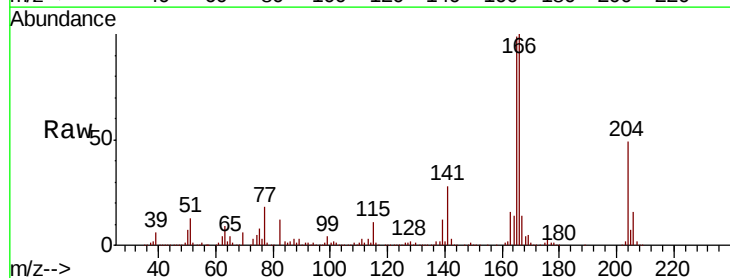
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 160.265 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.6	117.8
167	13.6	11.0	16.4

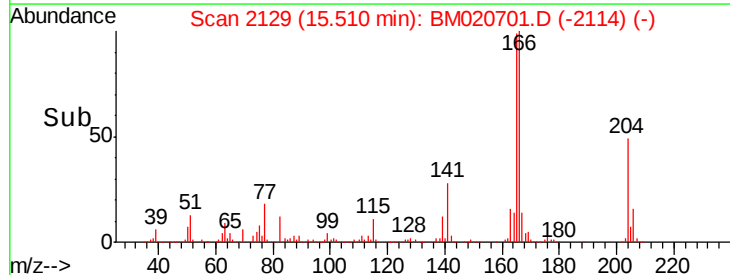
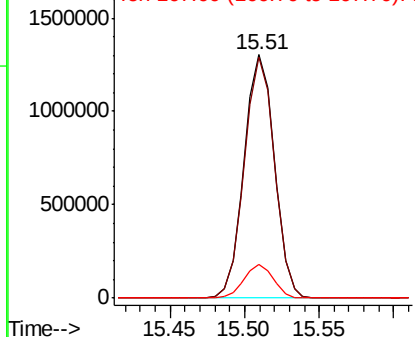


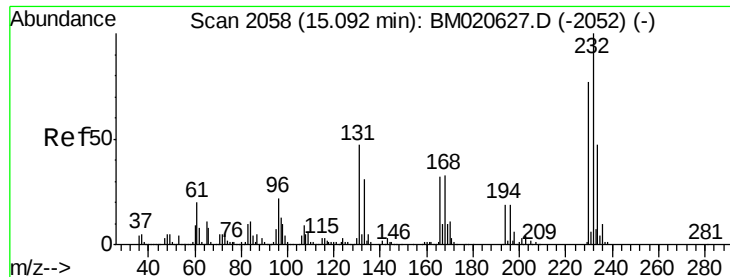
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

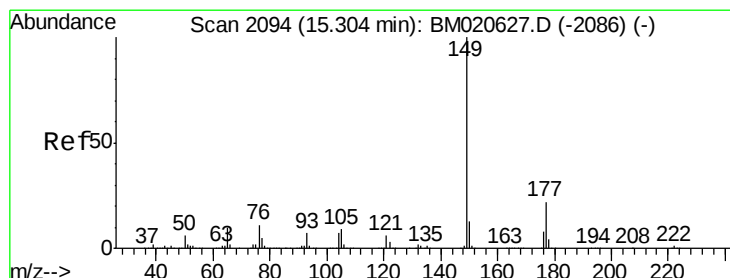
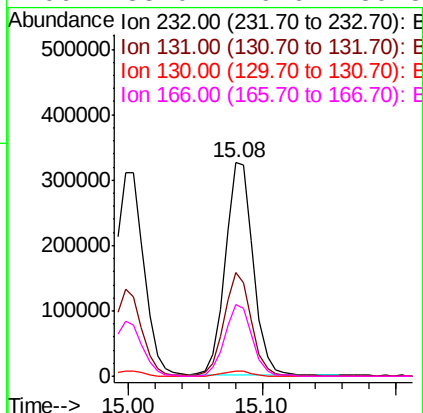
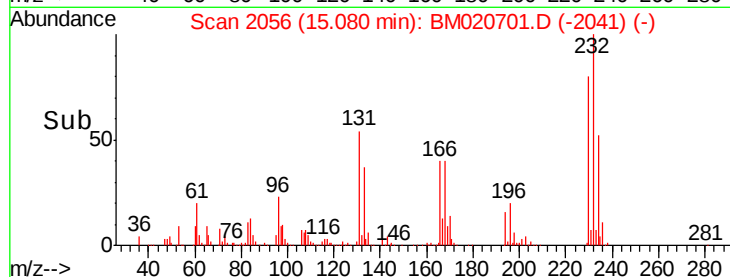
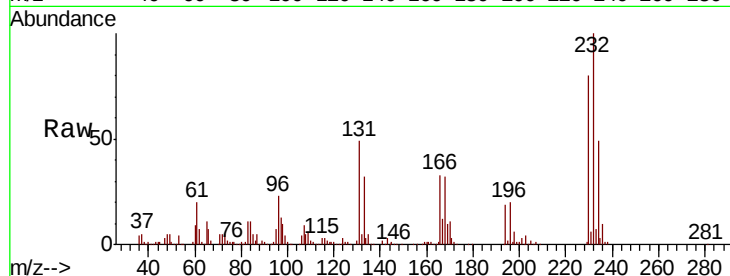




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 175.274 ng
 RT: 15.08 min Scan# 2056
 Delta R.T. -0.01 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

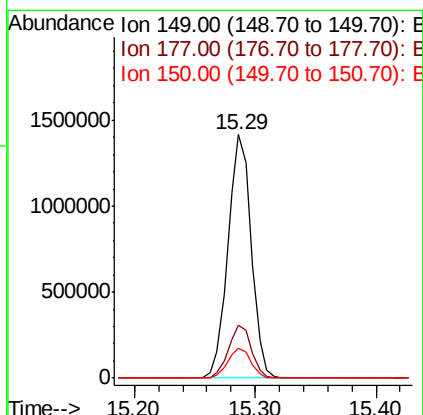
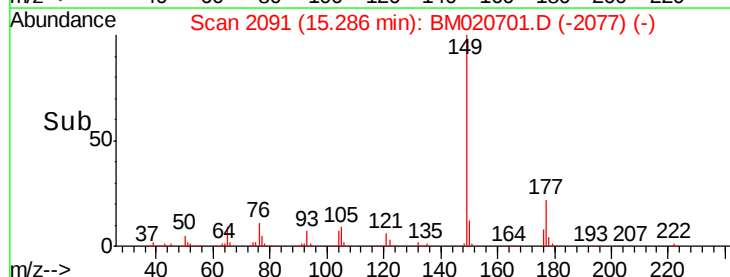
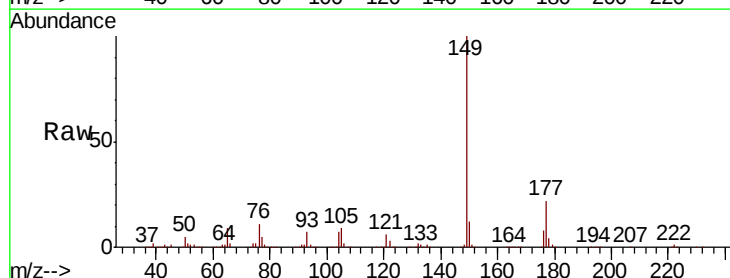
Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

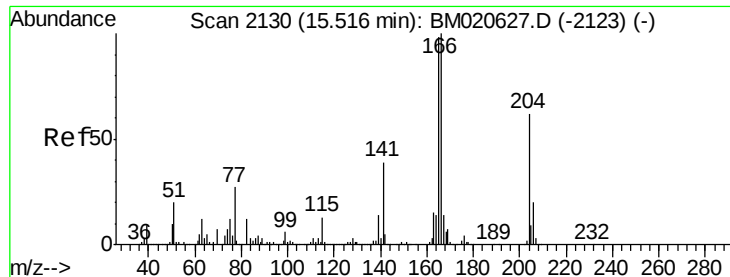
Tot Ion:232	Resp:	474603	
Ion Ratio	Lower	Upper	
232 100			
131 47.4	38.6	57.8	
130 2.5	2.2	3.2	
166 33.0	26.6	39.8	



#60
 Diethylphthalate
 Concen: 150.249 ng
 RT: 15.29 min Scan# 2091
 Delta R.T. -0.02 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Tgt Ion:149	Resp: 1889101
Ion Ratio	Lower Upper
149 100	
177 21.7	17.2 25.8
150 12.5	10.1 15.1

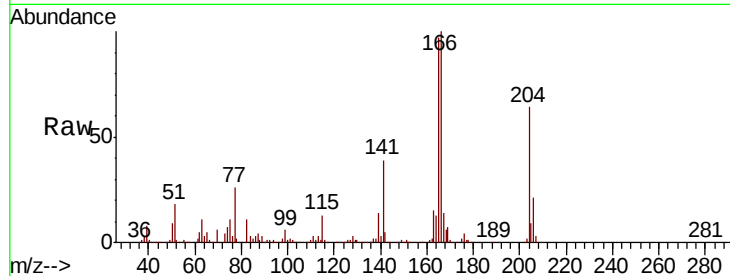




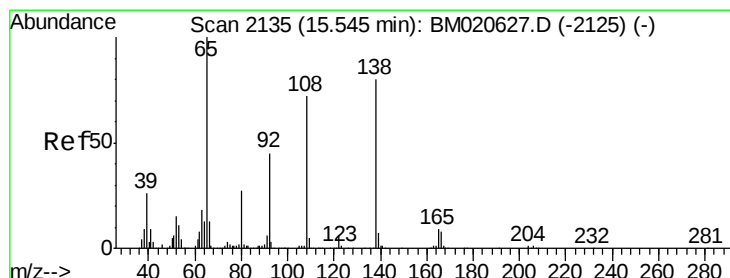
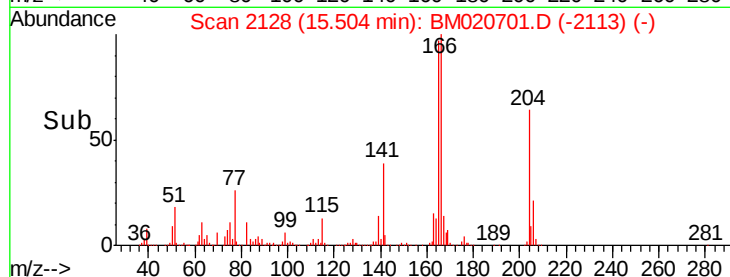
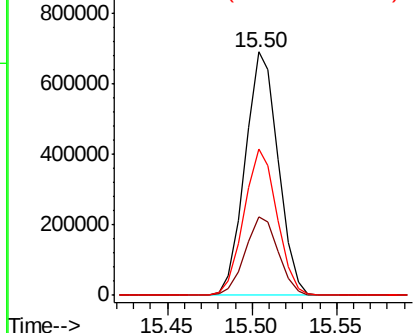
#61
4-Chlorophenyl-phenylether
Concen: 155.752 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion:204 Resp: 942004
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 60.0 50.2 75.4

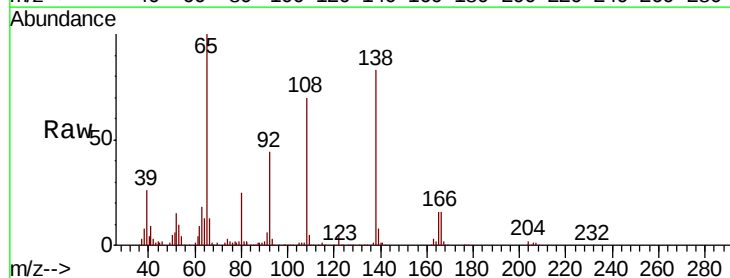


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

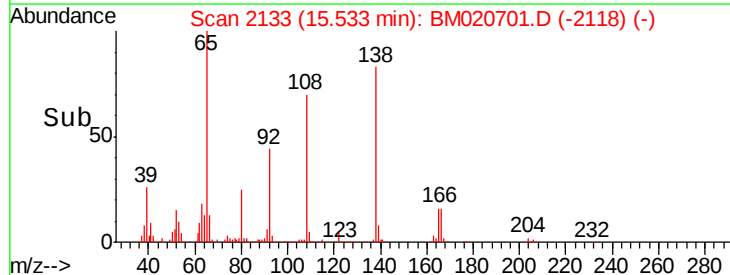
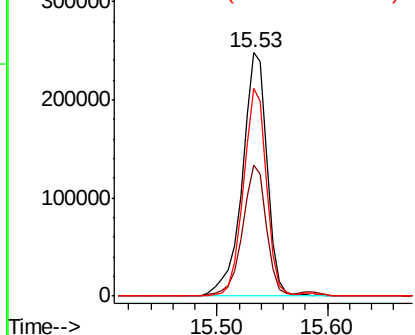


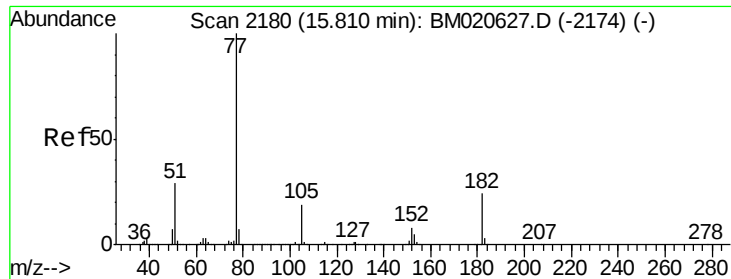
#62
4-Nitroaniline
Concen: 133.855 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion:138 Resp: 392229
Ion Ratio Lower Upper
138 100
92 53.6 36.7 76.7
108 85.3 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM
Ion 108.00 (107.70 to 108.70): E

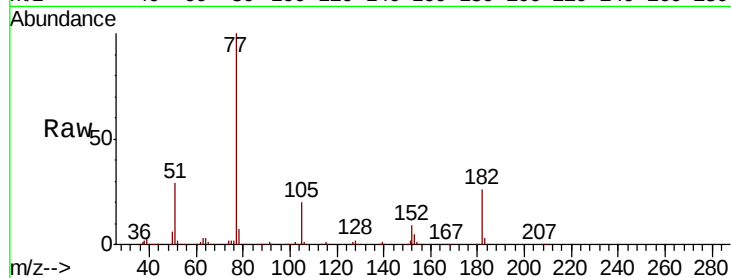




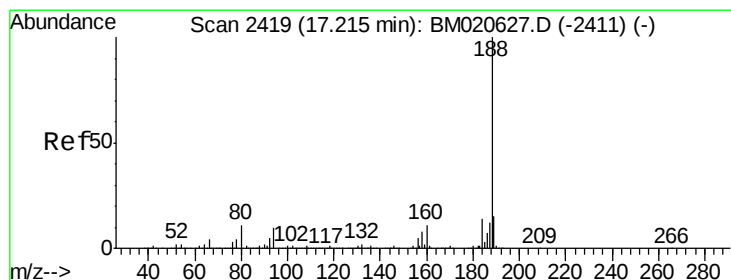
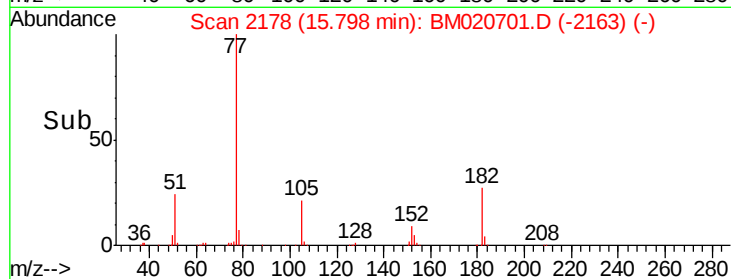
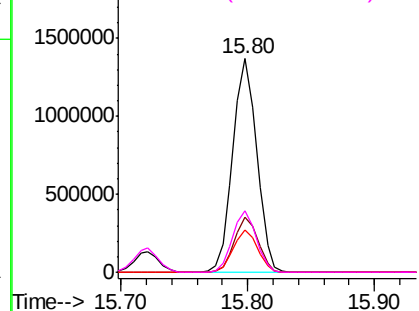
#63
Azobenzene
Concen: 148.470 ng
RT: 15.80 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion: 77 Resp: 1789643
Ion Ratio Lower Upper
77 100
182 25.7 3.6 43.6
105 20.0 0.0 39.4
51 28.5 9.5 49.5

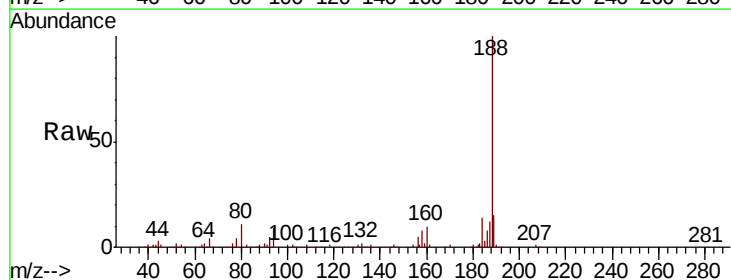


Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BM0

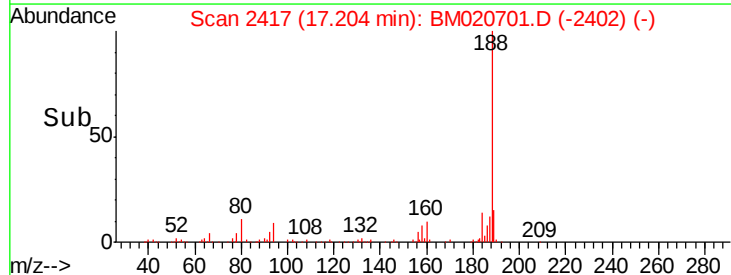
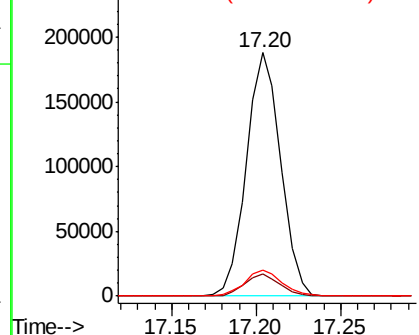


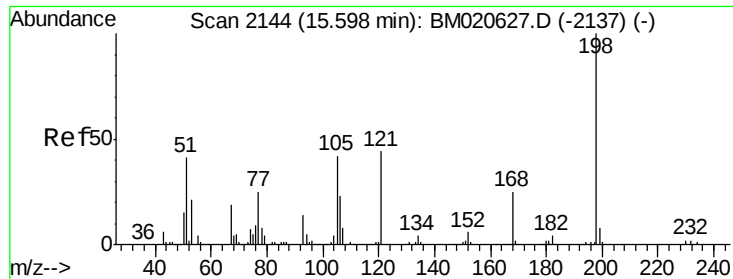
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion: 188 Resp: 264996
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 10.6 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0





#65

4,6-Dinitro-2-methylphenol

Concen: 143.110 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

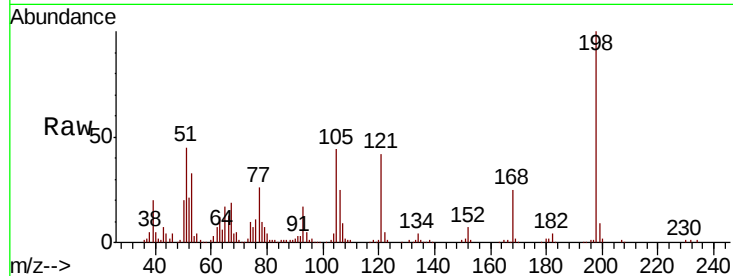
BNA_M

ClientSampleId :

PB120211BL

Tot Ion:198 Resp: 198270

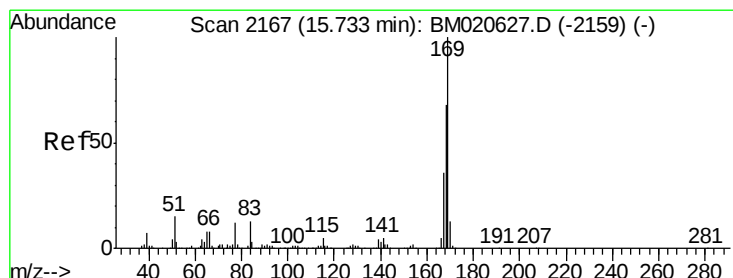
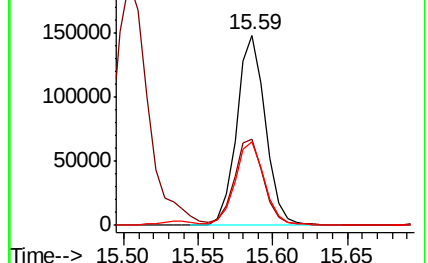
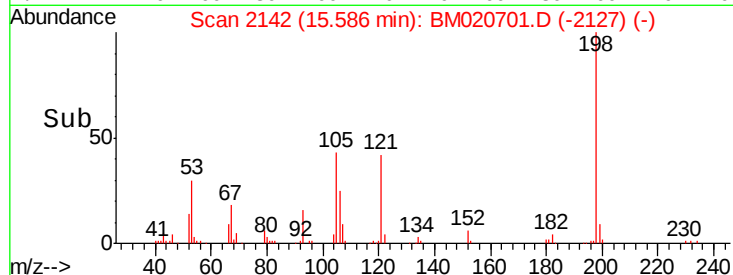
Ion	Ratio	Lower	Upper
198	100		
51	45.4	27.7	67.7
105	43.7	23.8	63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM020701.D (-2127) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 183.070 ng

RT: 15.72 min Scan# 2165

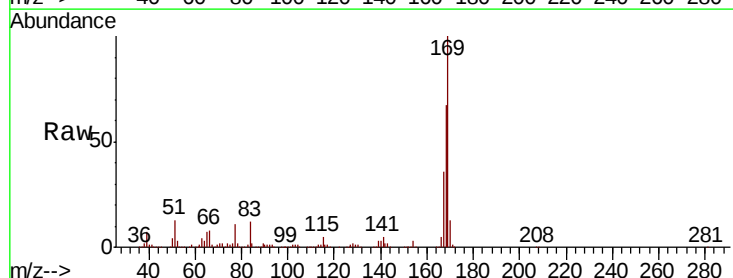
Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Tgt Ion:169 Resp: 1553011

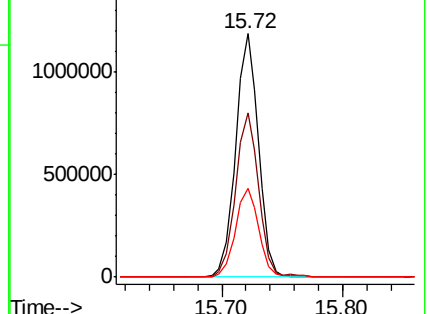
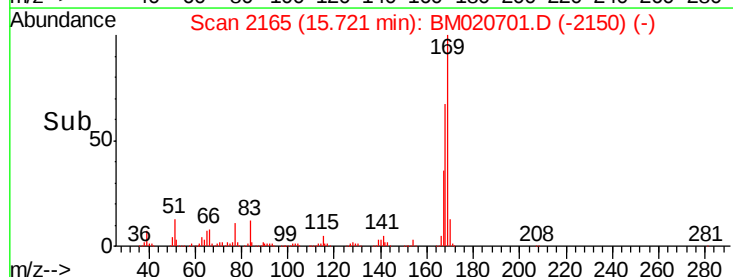
Ion	Ratio	Lower	Upper
169	100		
168	67.5	54.2	81.4
167	36.4	29.1	43.7

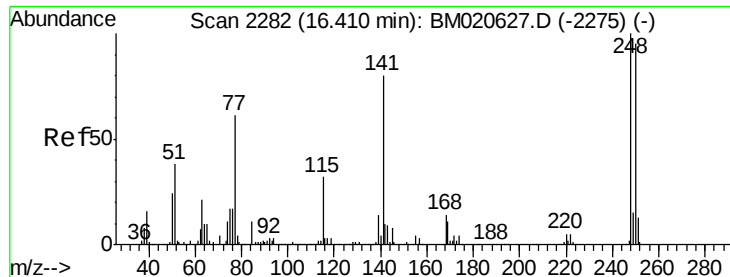


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

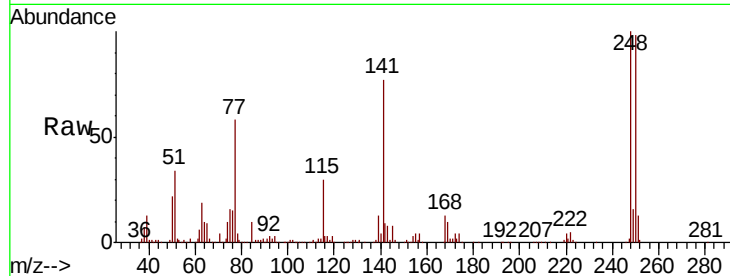




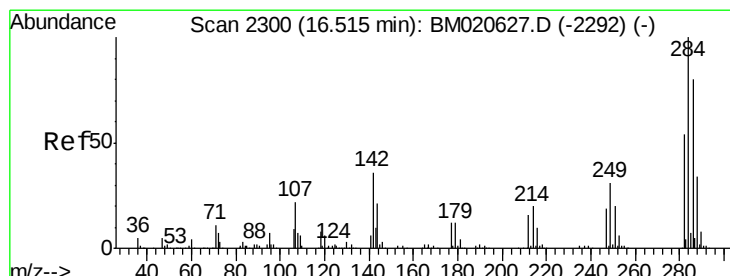
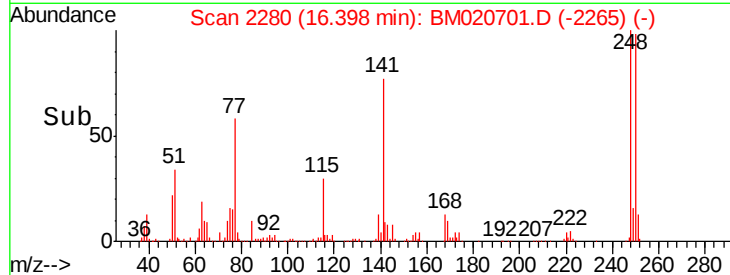
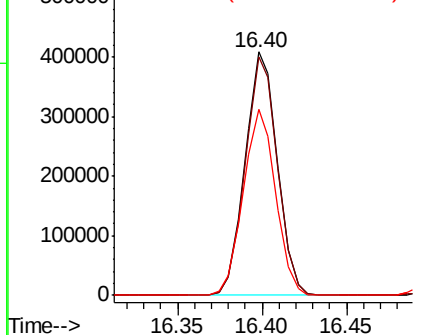
#67
4-Bromophenyl-phenylether
Concen: 173.797 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Instrument :
BNA_M
ClientSampleID :
PB120211BL

Tot Ion:248 Resp: 542255
Ion Ratio Lower Upper
248 100
250 97.7 76.3 114.5
141 76.6 64.2 96.2

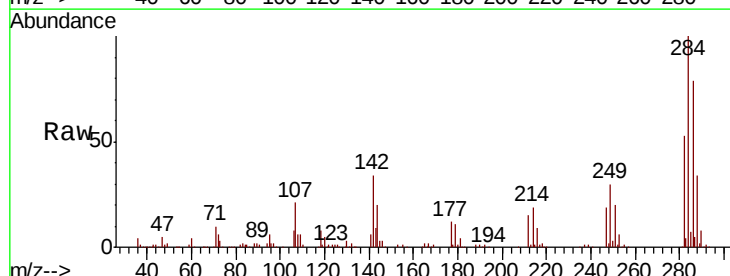


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

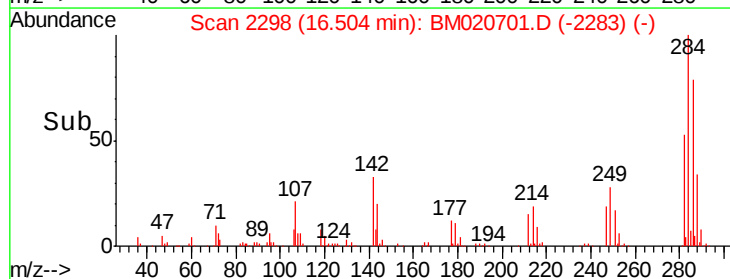
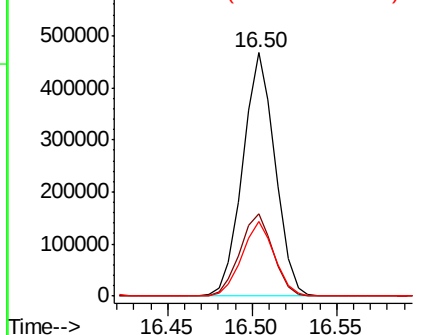


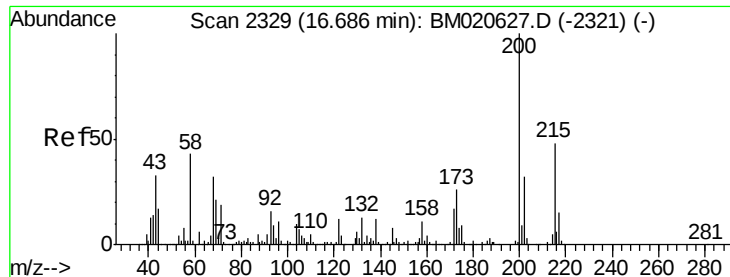
#68
Hexachlorobenzene
Concen: 171.430 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion:284 Resp: 624573
Ion Ratio Lower Upper
284 100
142 33.9 28.6 42.8
249 30.5 25.0 37.4



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 194.773 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

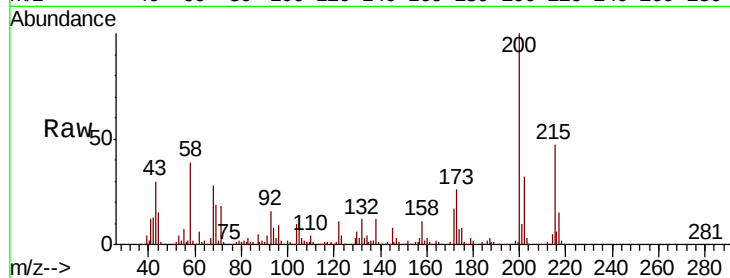
Tot Ion:200 Resp: 493134

Ion Ratio Lower Upper

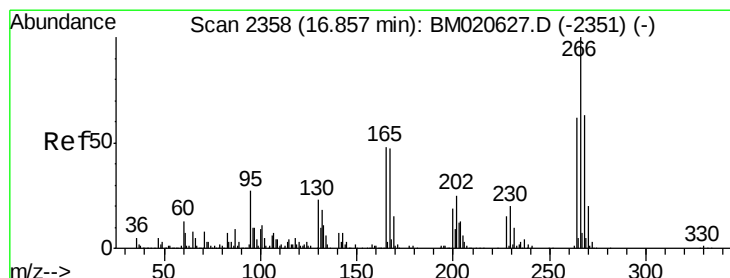
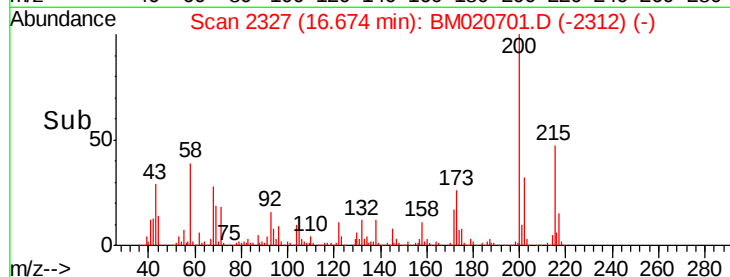
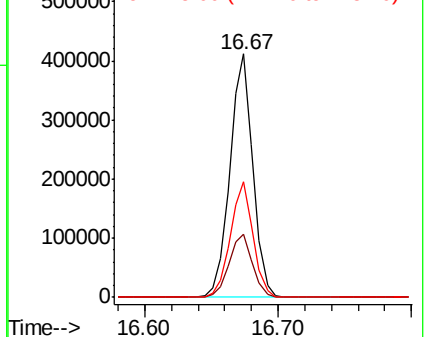
200 100

173 25.9 6.2 46.2

215 47.4 27.7 67.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 402.836 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

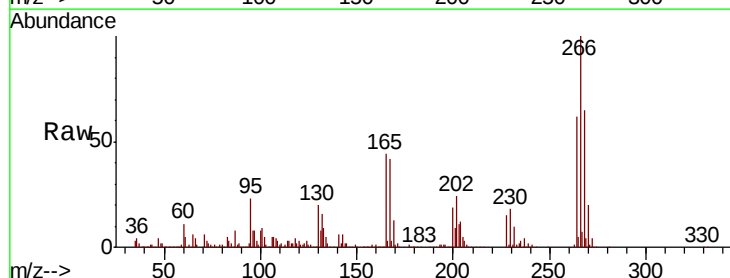
Tgt Ion:266 Resp: 700166

Ion Ratio Lower Upper

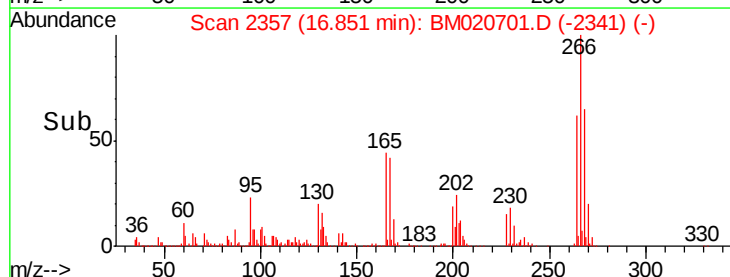
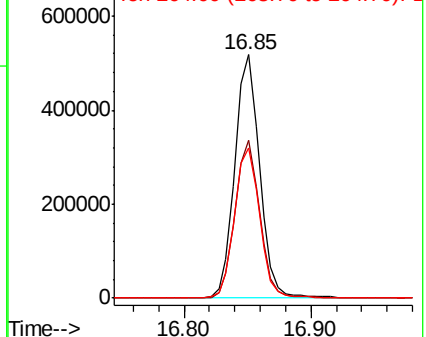
266 100

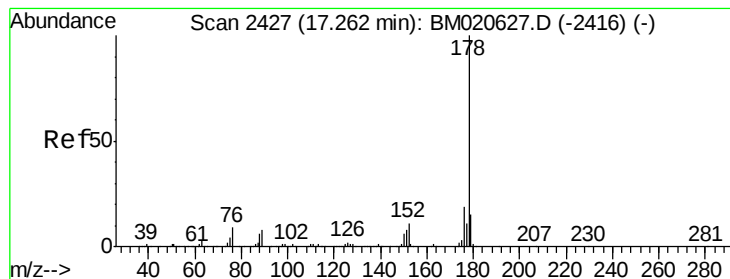
268 64.8 50.6 75.8

264 61.8 49.6 74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 172.098 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

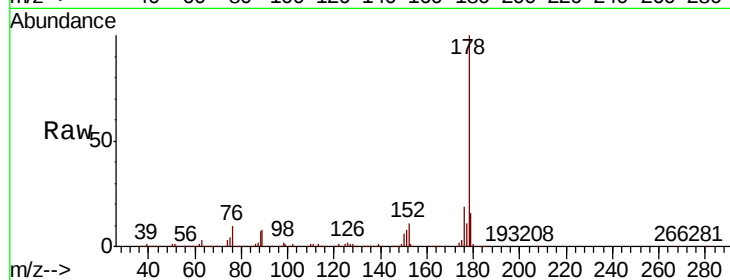
BNA_M

ClientSampleId :

PB120211BL

Tot Ion:178 Resp: 2585057

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.5	12.2	18.4

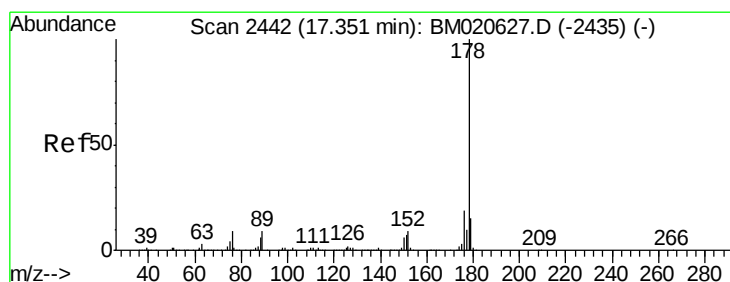
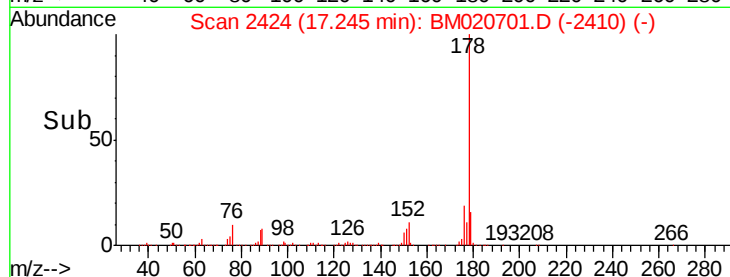
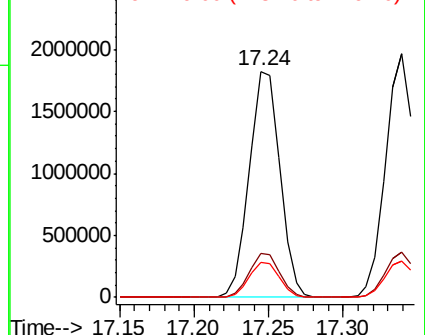


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 175.822 ng

RT: 17.34 min Scan# 2440

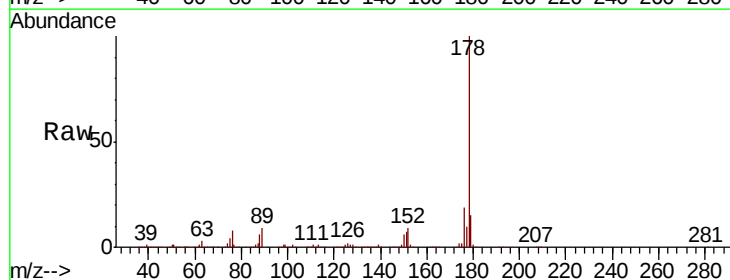
Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Tgt Ion:178 Resp: 2643315

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.1	12.3	18.5

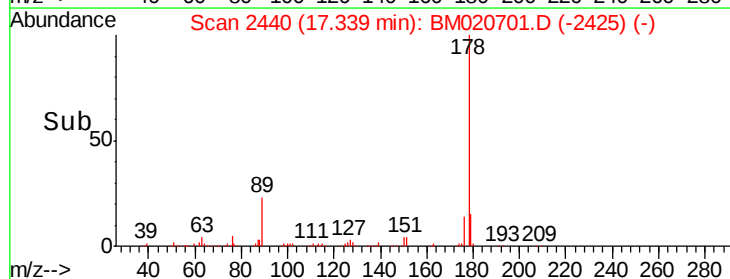
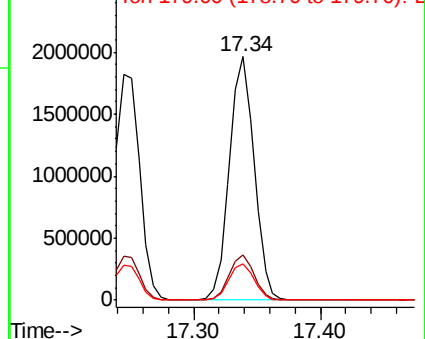


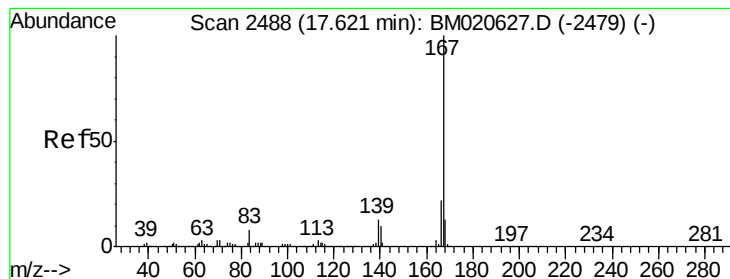
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 166.910 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

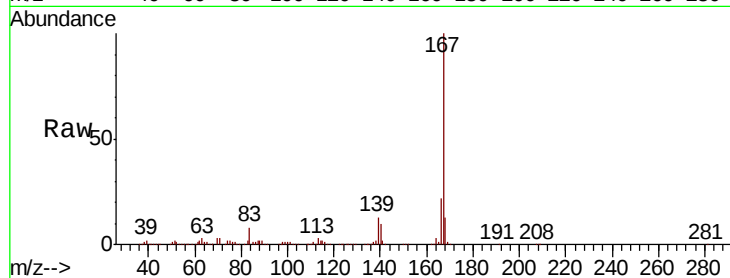
Tot Ion:167 Resp: 2277116

Ion Ratio Lower Upper

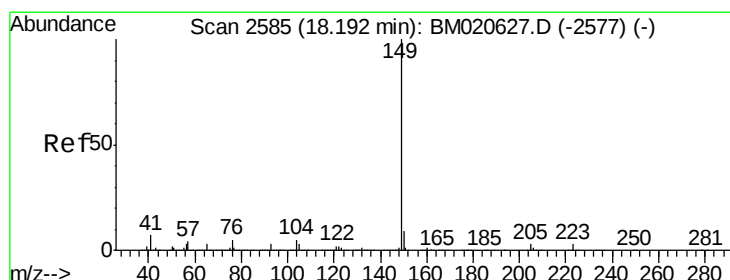
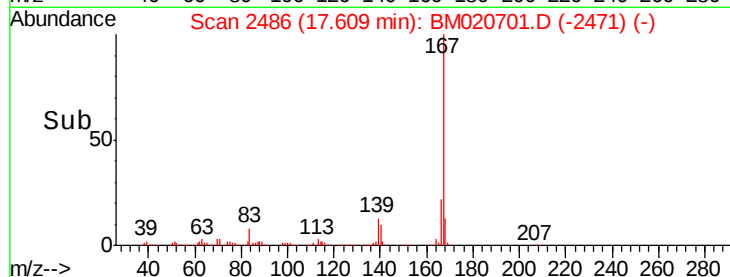
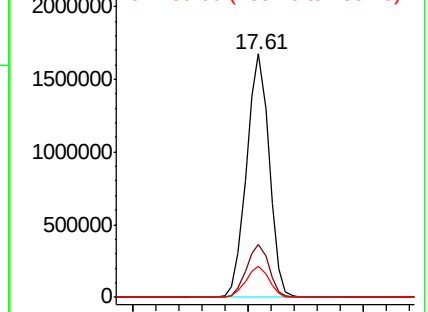
167 100

166 21.9 17.5 26.3

139 13.0 10.6 15.8



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 158.174 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

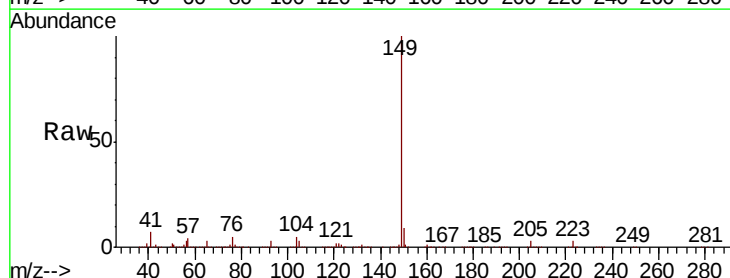
Tgt Ion:149 Resp: 2801269

Ion Ratio Lower Upper

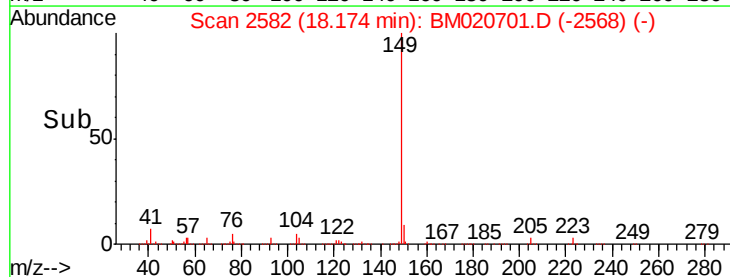
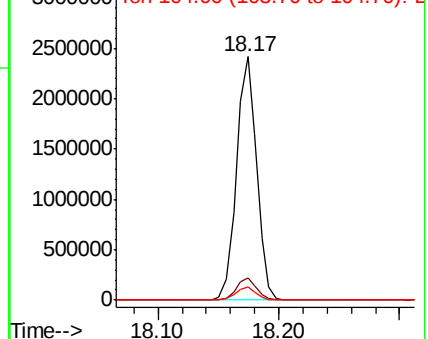
149 100

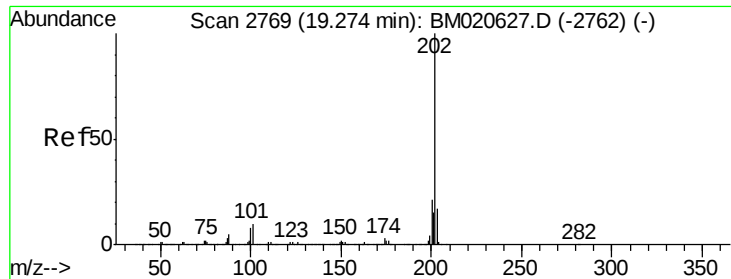
150 9.0 7.2 10.8

104 5.2 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 159.998 ng

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

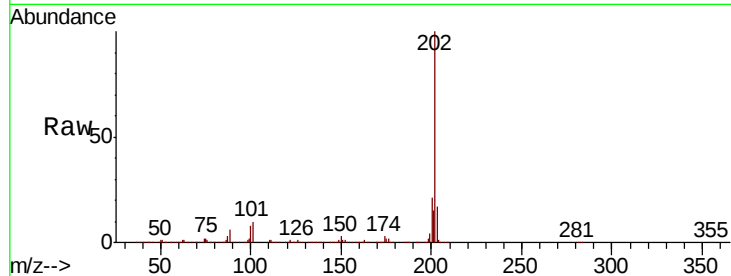
Tot Ion:202 Resp: 2672667

Ion Ratio Lower Upper

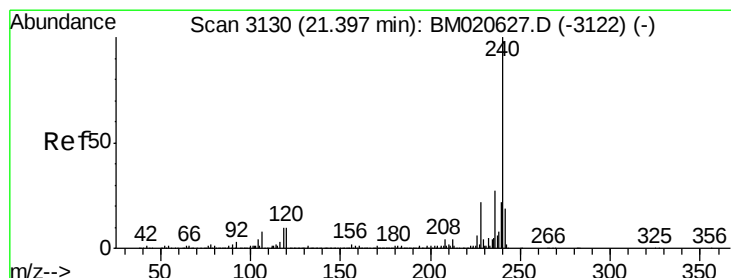
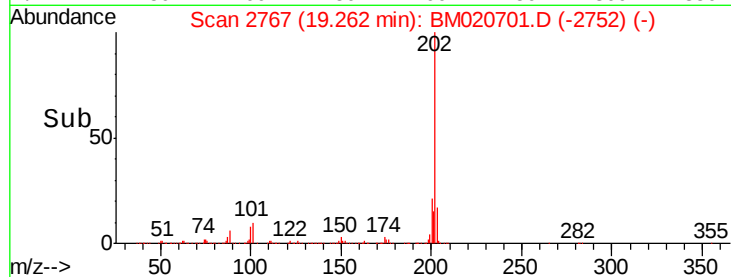
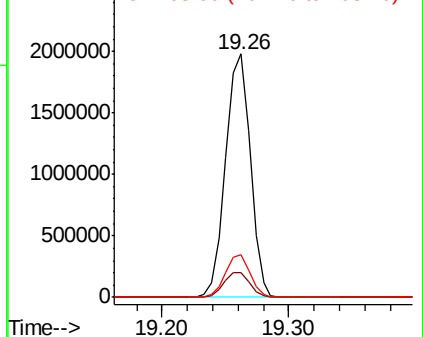
202 100

101 10.4 0.0 30.4

203 17.4 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.38 min Scan# 3127

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

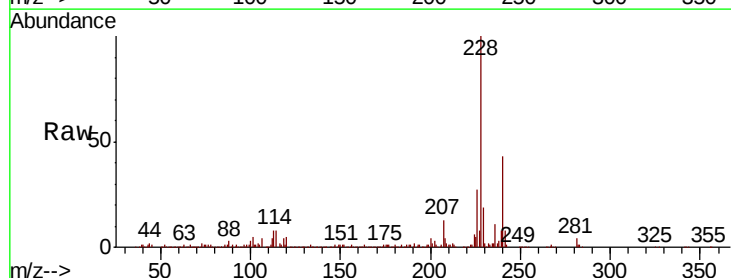
Tgt Ion:240 Resp: 205964

Ion Ratio Lower Upper

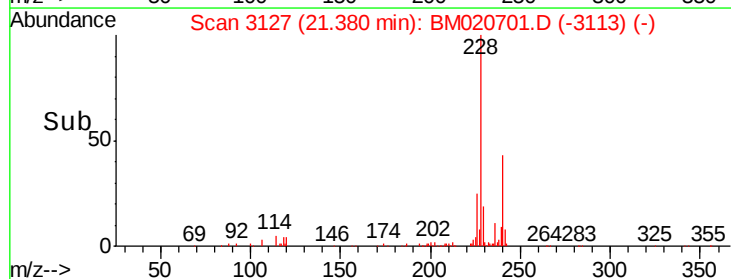
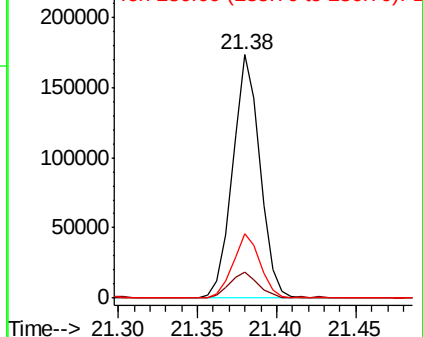
240 100

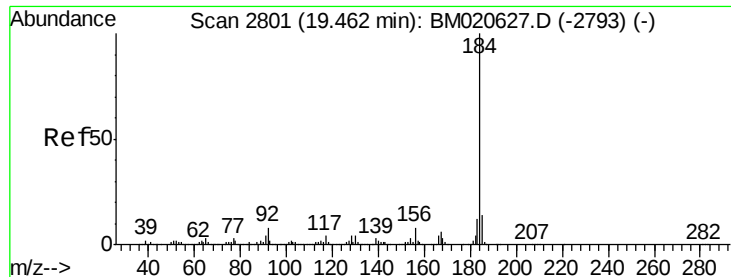
120 10.9 8.2 12.2

236 26.2 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 214.786 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

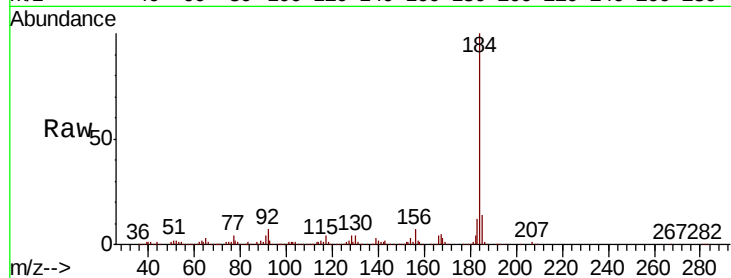
Tot Ion:184 Resp: 1340461

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

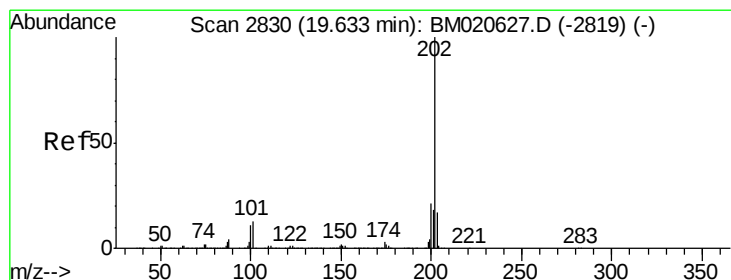
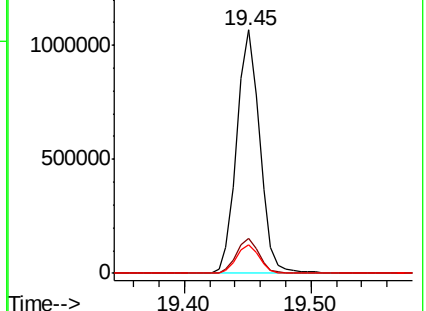
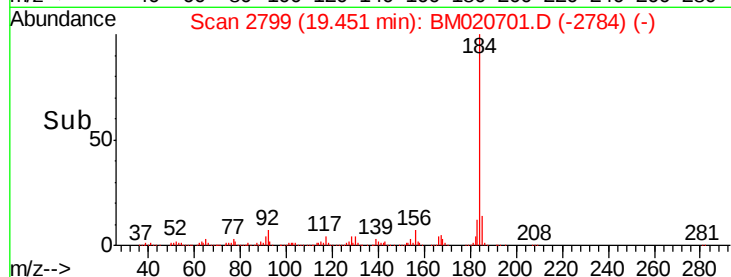
183 11.9 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 172.541 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

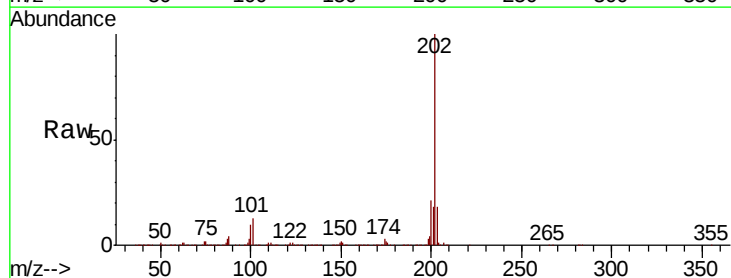
Tgt Ion:202 Resp: 2727083

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

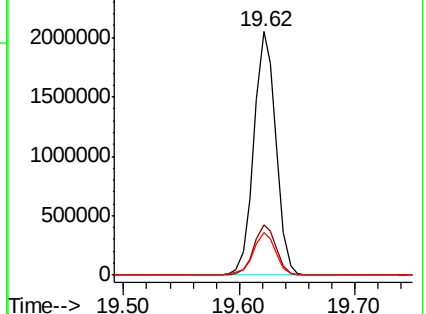
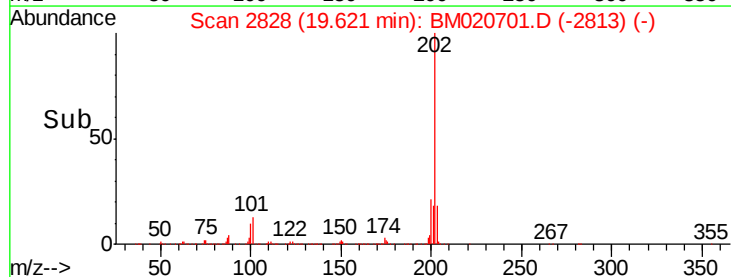
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 65.568 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

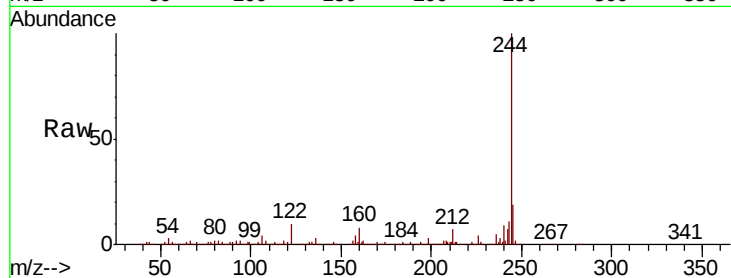
Tot Ion:244 Resp: 807386

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

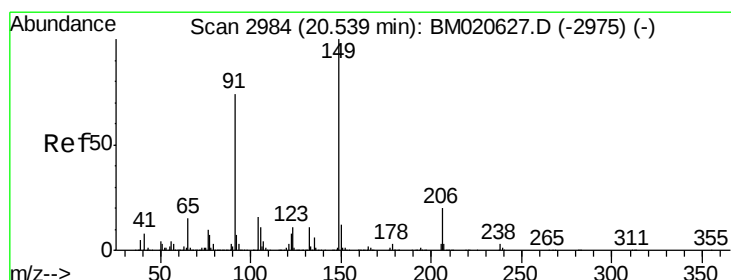
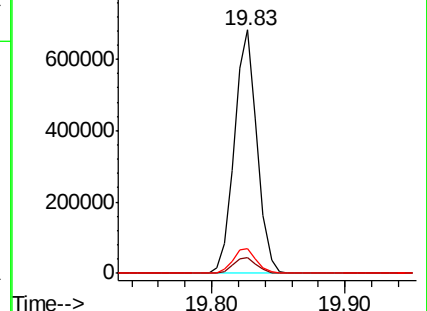
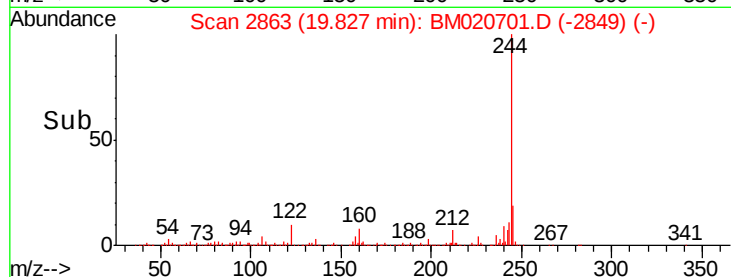
122 9.9 7.2 10.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 163.877 ng

RT: 20.53 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

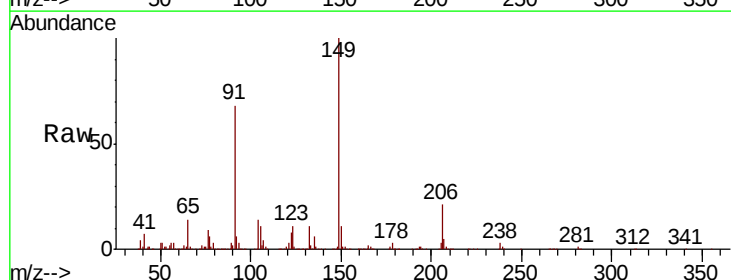
Tgt Ion:149 Resp: 1094593

Ion Ratio Lower Upper

149 100

91 68.3 59.6 89.4

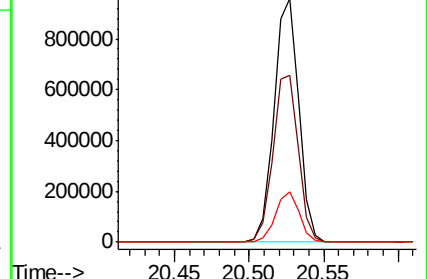
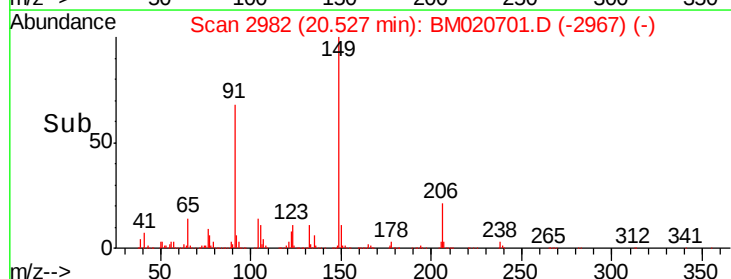
206 20.7 15.7 23.5

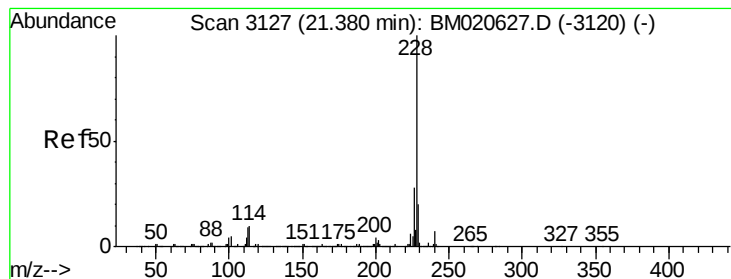


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 172.590 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampled :

PB120211BL

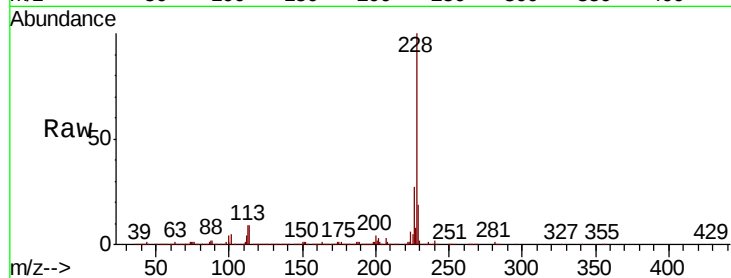
Tot Ion:228 Resp: 2475461

Ion Ratio Lower Upper

228 100

226 27.0 22.3 33.5

229 19.4 15.9 23.9

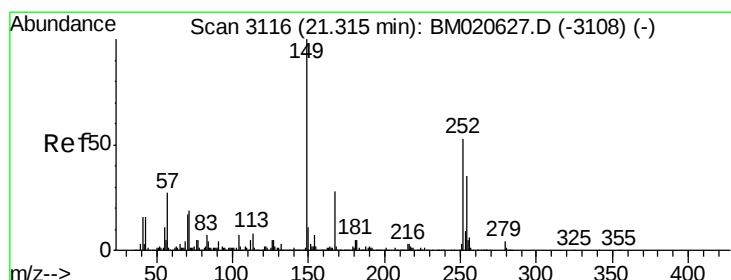
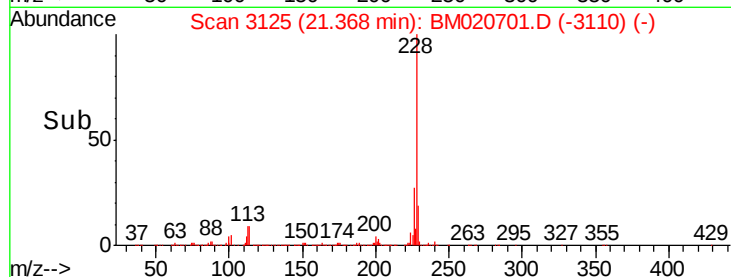
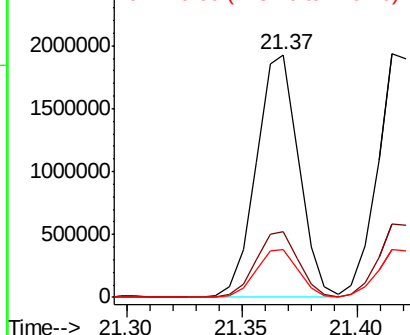


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 144.840 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

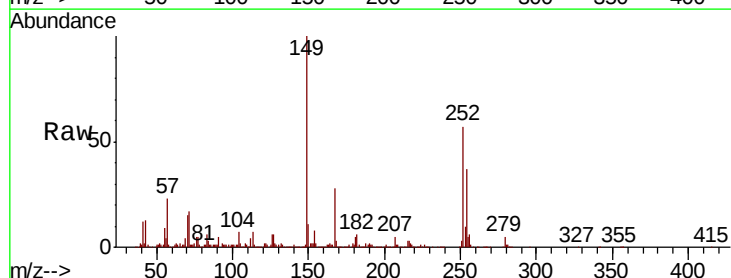
Tgt Ion:252 Resp: 760743

Ion Ratio Lower Upper

252 100

254 64.7 52.6 78.8

126 9.9 8.0 12.0

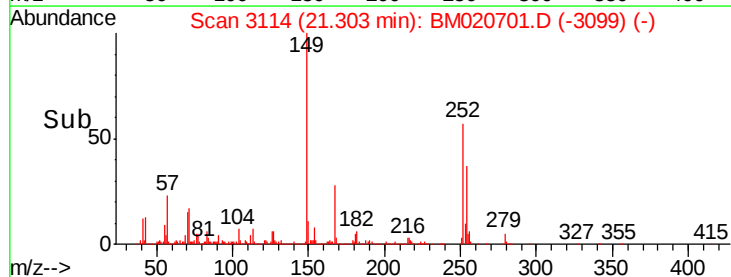
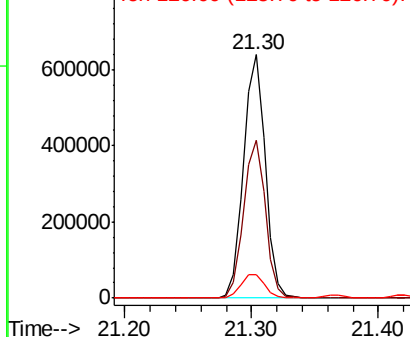


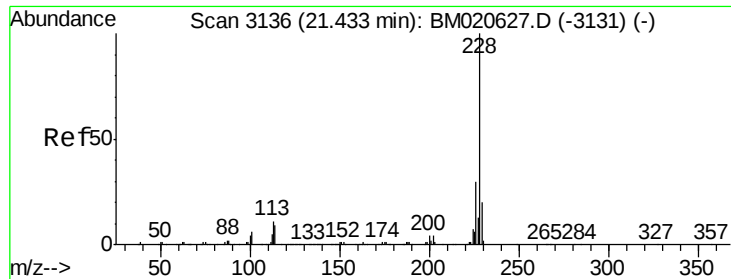
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



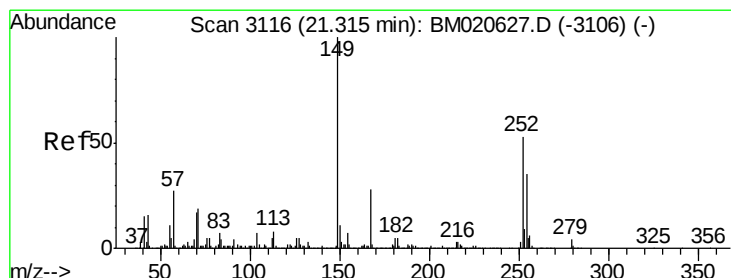
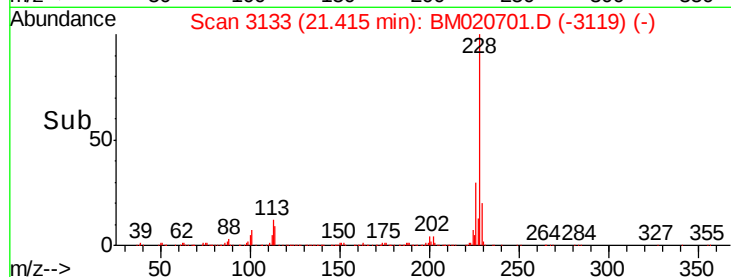
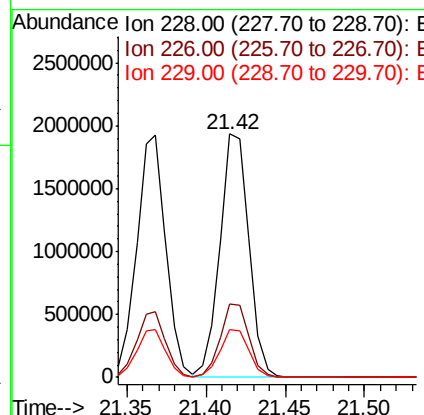
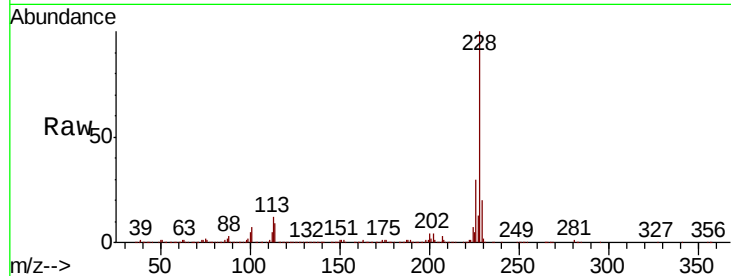


#83
 Chrysene
 Concen: 179.616 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Instrument :
 BNA_M
 ClientSampleId :
 PB120211BL

Tot Ion:228 Resp: 2448886

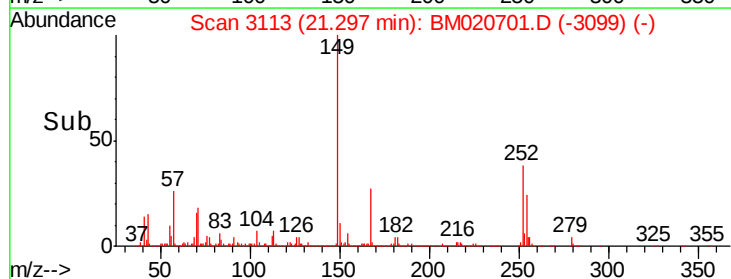
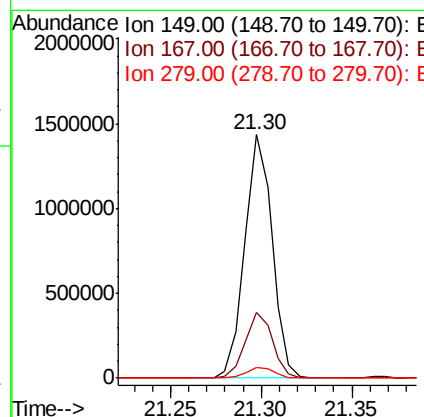
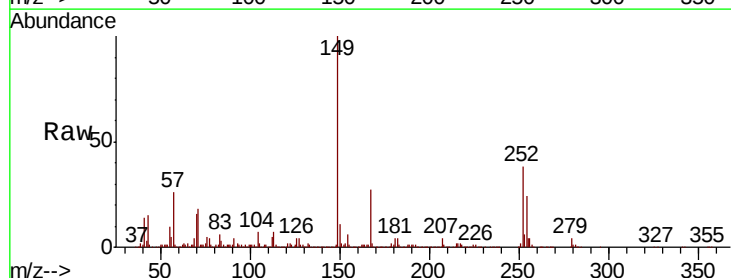
Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.2	36.2
229	19.7	15.8	23.6

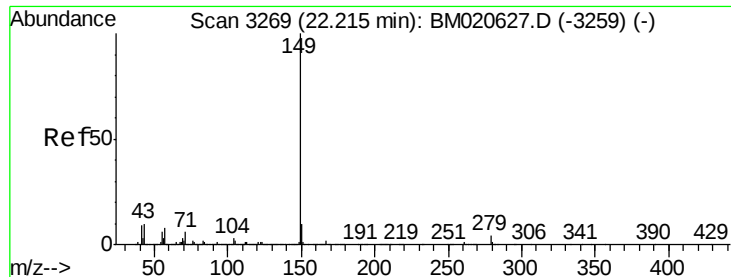


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 155.729 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020701.D
 Acq: 04 Jun 2019 11:55

Tgt Ion:149 Resp: 1511764

Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.1	33.1
279	4.2	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 160.509 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

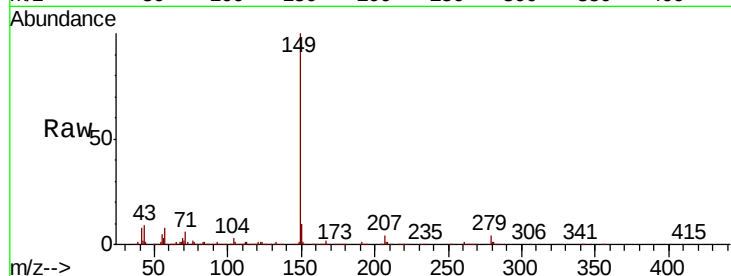
Tot Ion:149 Resp: 2473810

Ion Ratio Lower Upper

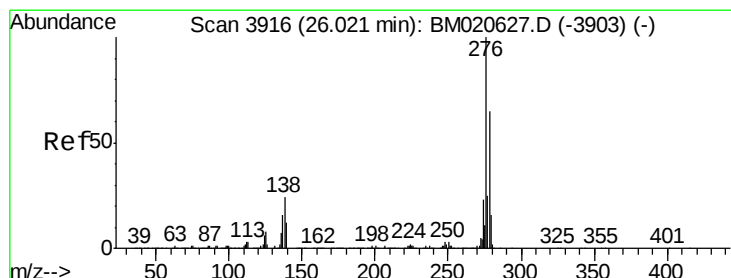
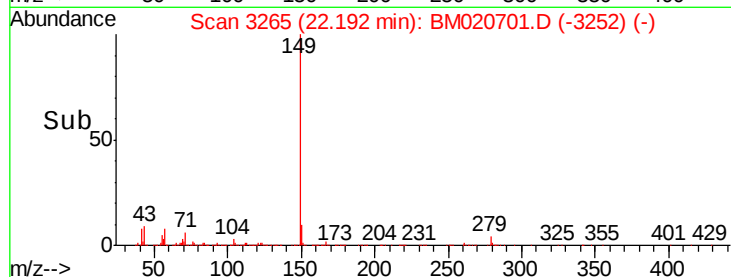
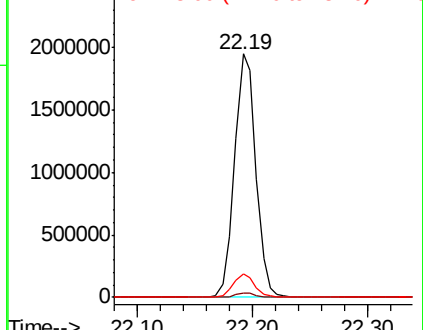
149 100

167 1.6 1.3 1.9

43 9.3 8.2 12.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 255.116 ng

RT: 26.00 min Scan# 3912

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

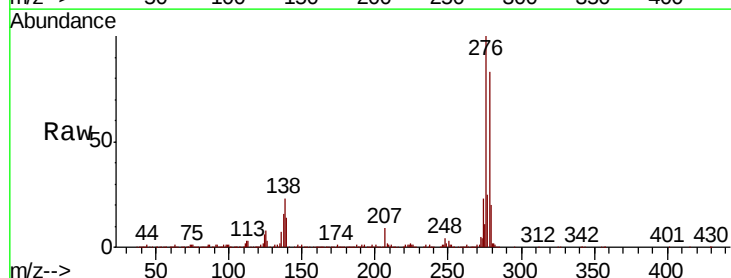
Tgt Ion:276 Resp: 3558417

Ion Ratio Lower Upper

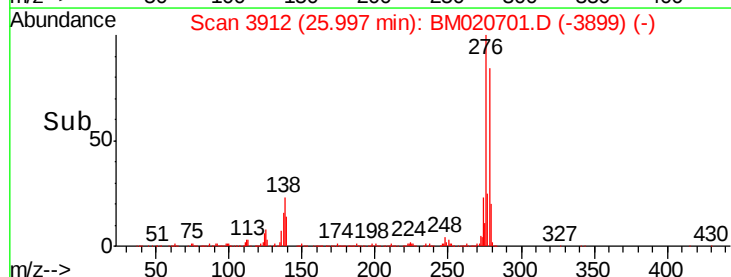
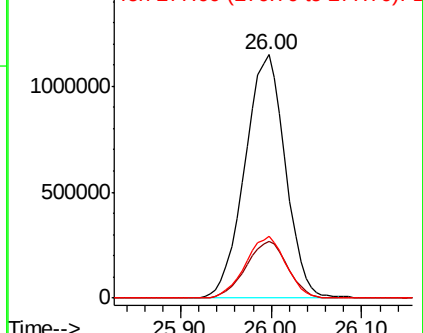
276 100

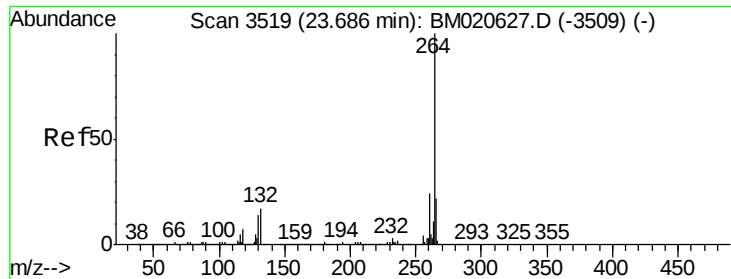
138 24.1 19.8 29.8

277 25.4 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

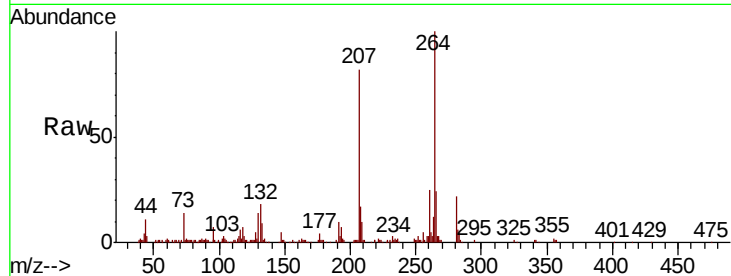
Tot Ion:264 Resp: 231027

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 23.8 17.6 26.4

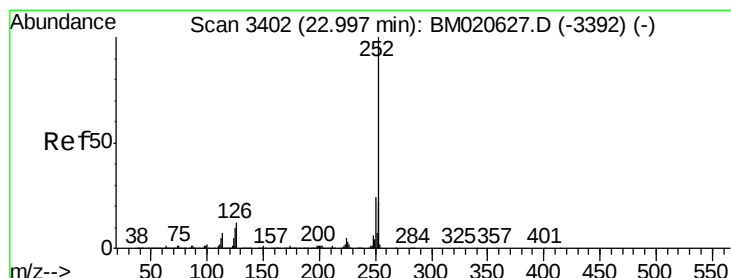
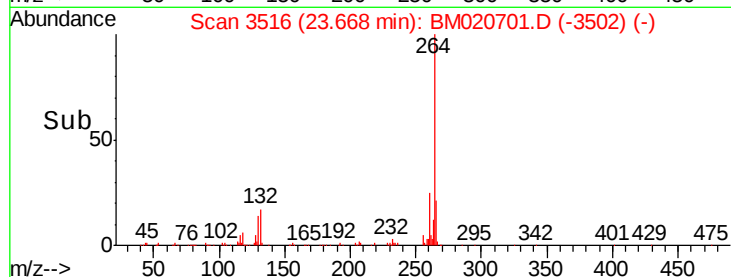
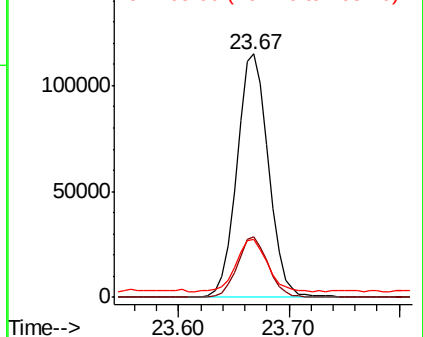


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 182.227 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

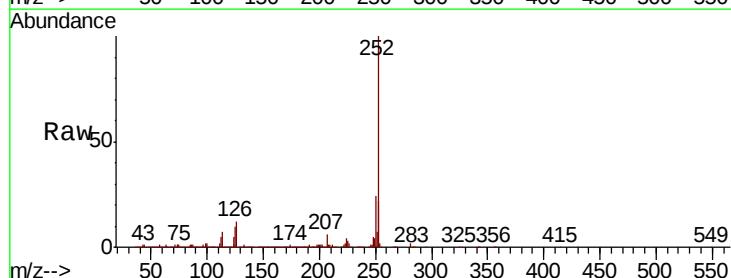
Tgt Ion:252 Resp: 2782544

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.7 7.8 11.8

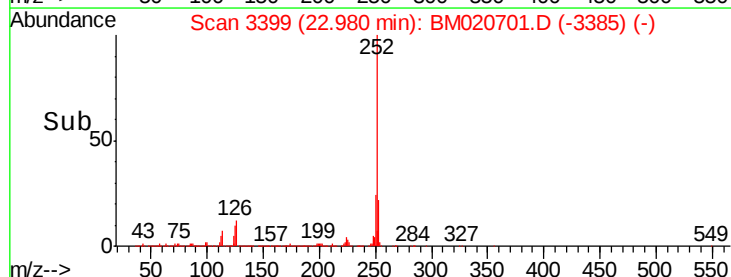
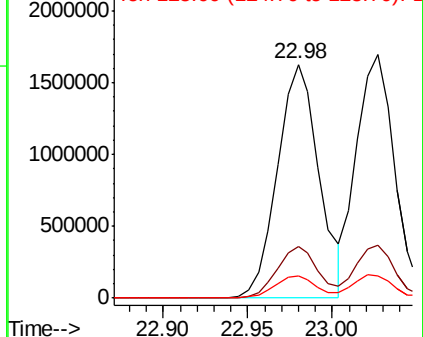


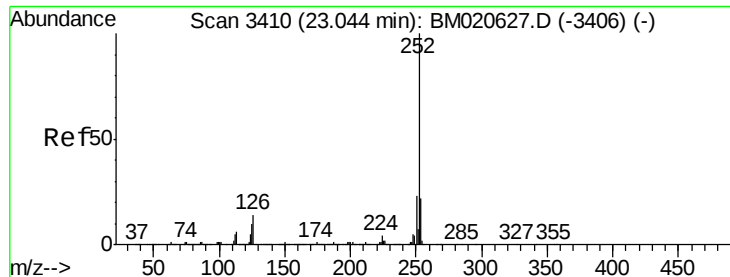
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 177.331 ng

RT: 23.03 min Scan# 3407

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

Instrument :

BNA_M

ClientSampleId :

PB120211BL

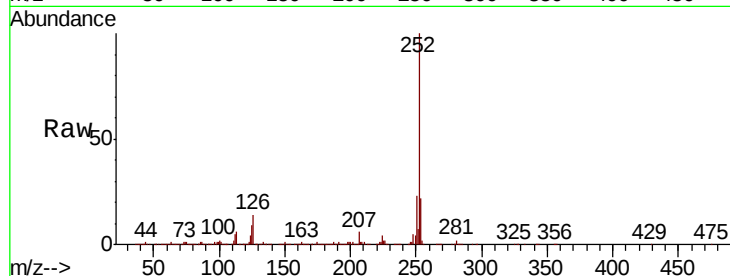
Tot Ion:252 Resp: 2646160

Ion Ratio Lower Upper

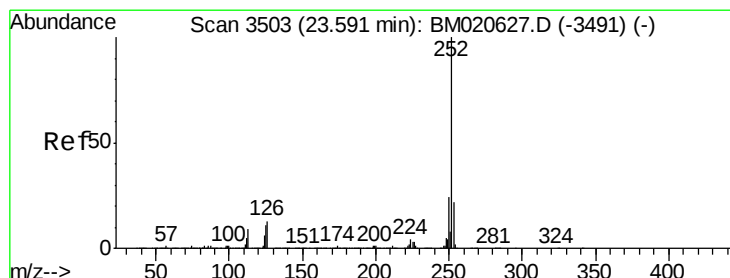
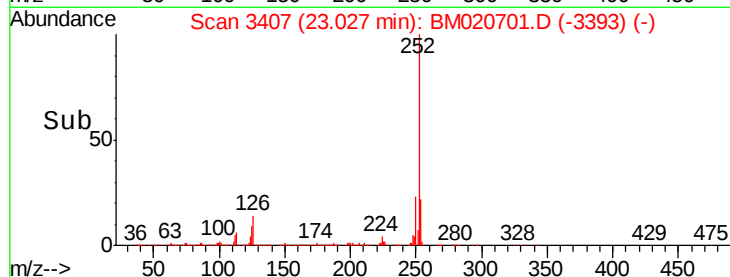
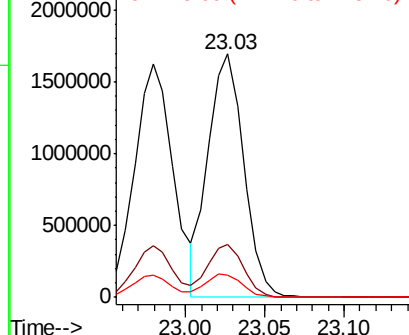
252 100

253 21.7 17.4 26.2

125 9.2 7.8 11.8



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 196.471 ng

RT: 23.57 min Scan# 3499

Delta R.T. -0.02 min

Lab File: BM020701.D

Acq: 04 Jun 2019 11:55

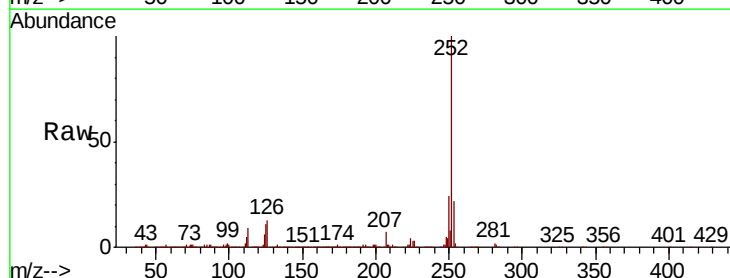
Tgt Ion:252 Resp: 2721161

Ion Ratio Lower Upper

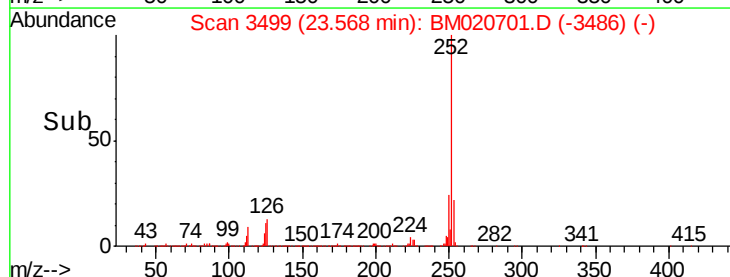
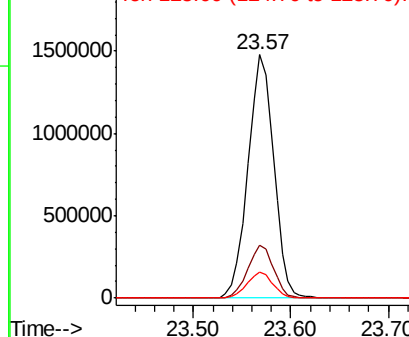
252 100

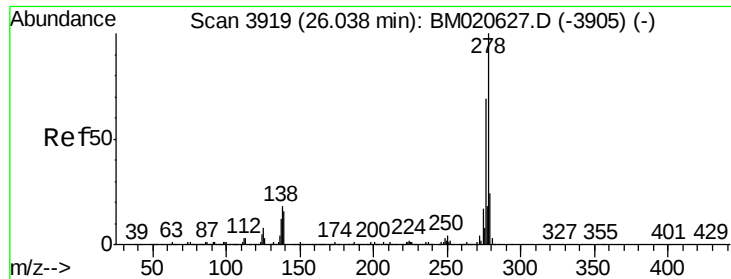
253 21.8 17.5 26.3

125 10.9 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



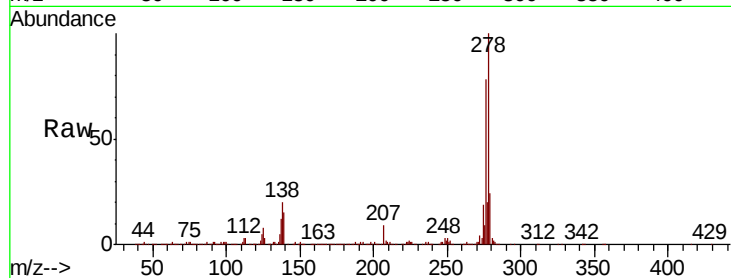


#91
Dibenzo(a,h)anthracene
Concen: 223.106 ng
RT: 26.01 min Scan# 3914
Delta R.T. -0.03 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

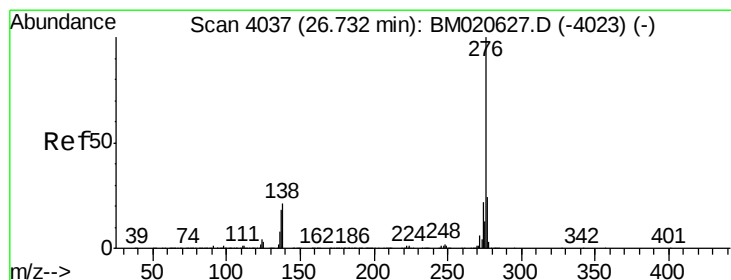
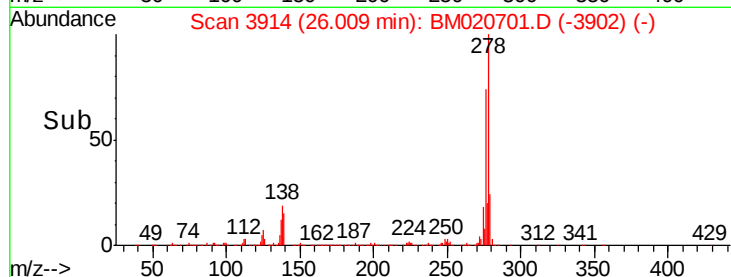
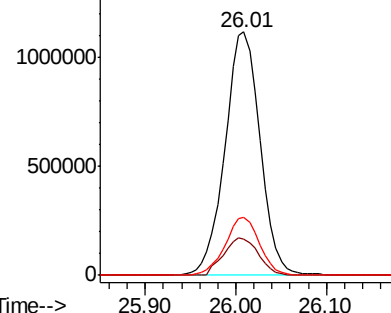
Instrument :
BNA_M
ClientSampleId :
PB120211BL

Tot Ion:278 Resp: 2997888

Ion	Ratio	Lower	Upper
278	100		
139	14.9	12.6	18.8
279	23.6	19.0	28.6



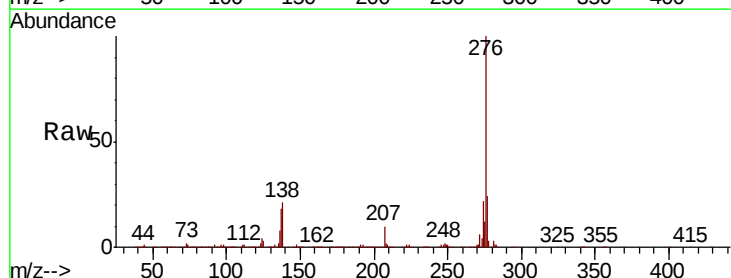
Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 233.455 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020701.D
Acq: 04 Jun 2019 11:55

Tgt Ion:276 Resp: 2913755

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	20.9	17.0	25.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

