

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020721.D
 Acq On : 05 Jun 2019 03:54
 Operator : HP/JU
 Sample : PB120082BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Quant Time: Jun 05 06:48:19 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	361823	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1404086	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	729689	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1385433	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1224348	20.00	ng	-0.02
87) Perylene-d12	23.66	264	1181494	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1705984	82.94	ng	0.00
7) Phenol-d6	6.99	99	2234200	73.77	ng	0.00
23) Nitrobenzene-d5	8.99	82	1950364	71.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	716209	79.22	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4216012	76.81	ng	-0.01
79) Terphenyl-d14	19.83	244	4797949	65.55	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	324334	38.513	ng	97
3) Pyridine	3.74	79	861531	32.154	ng	98
4) n-Nitrosodimethylamine	3.66	42	406249	35.172	ng	93
6) Aniline	7.16	93	1057158	24.123	ng	97
8) 2-Chlorophenol	7.39	128	1029786	40.244	ng	99
9) Benzaldehyde	6.97	77	29739	Below Cal		98
10) Phenol	7.02	94	1250114	38.301	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	931581	35.814	ng	97
12) 1,3-Dichlorobenzene	7.71	146	1091217	37.105	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1108486	37.077	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1070445	36.791	ng	99
15) Benzyl Alcohol	8.06	79	905659	33.801	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1282740	31.941	ng	99
17) 2-Methylphenol	8.26	107	839800	36.590	ng	98
18) Hexachloroethane	8.90	117	407492	35.600	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	773380	31.766	ng	96
20) 3+4-Methylphenols	8.59	107	1100923	35.256	ng	96
22) Acetophenone	8.65	105	1432320	40.156	ng	97
24) Nitrobenzene	9.03	77	1121675	40.544	ng	99
25) Isophorone	9.55	82	2011701	37.319	ng	99
26) 2-Nitrophenol	9.73	139	487646	47.295	ng	97
27) 2,4-Dimethylphenol	9.79	122	900693	46.618	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1245262	38.206	ng	99
29) 2,4-Dichlorophenol	10.26	162	920916	43.082	ng	98
30) 1,2,4-Trichlorobenzene	10.47	180	1022844	41.615	ng	99
31) Naphthalene	10.66	128	2943962	40.773	ng	99
32) Benzoic acid	9.93	122	494517	41.449	ng	99
33) 4-Chloroaniline	10.77	127	500573	14.897	ng	97
34) Hexachlorobutadiene	10.94	225	604880	41.015	ng	99
35) Caprolactam	11.57	113	232178	31.266	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	932874	37.536	ng	98
37) 2-Methylnaphthalene	12.27	142	2133562	39.866	ng	99
38) 1-Methylnaphthalene	12.50	142	2020424	39.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	1092453	45.685	ng	99

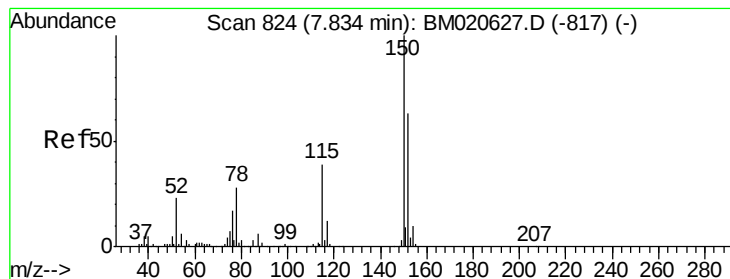
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060419\
 Data File : BM020721.D
 Acq On : 05 Jun 2019 03:54
 Operator : HP/JU
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Instrument :
 BNA_M
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 PB120082BSD

Quant Time: Jun 05 06:48:19 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)
41) Hexachlorocyclopentadiene	12.62	237	1204603	84.229	ng	100
43) 2,4,6-Trichlorophenol	12.89	196	693067	45.028	ng	98
44) 2,4,5-Trichlorophenol	12.96	196	730147	45.948	ng	97
46) 1,1'-Biphenyl	13.29	154	2645844	43.416	ng	99
47) 2-Chloronaphthalene	13.33	162	2040259	41.481	ng	98
48) 2-Nitroaniline	13.54	65	567659	36.772	ng	91
49) Acenaphthylene	14.18	152	3179595	41.431	ng	99
50) Dimethylphthalate	13.92	163	2432065	39.012	ng	99
51) 2,6-Dinitrotoluene	14.04	165	526811	41.618	ng	88
52) Acenaphthene	14.53	154	1863058	40.737	ng	99
53) 3-Nitroaniline	14.37	138	347195	24.573	ng	95
54) 2,4-Dinitrophenol	14.57	184	427046	78.563	ng	94
55) Dibenzofuran	14.86	168	2891639	40.709	ng	99
56) 4-Nitrophenol	14.67	139	801914	77.021	ng	92
57) 2,4-Dinitrotoluene	14.83	165	676701	39.926	ng	94
58) Fluorene	15.51	166	2290910	39.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	611488	44.161	ng	97
60) Diethylphthalate	15.29	149	2388744	37.153	ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	1215822	39.311	ng	97
62) 4-Nitroaniline	15.53	138	469941	31.362	ng	97
63) Azobenzene	15.80	77	2218090	35.984	ng	97
65) 4,6-Dinitro-2-methylphenol	15.59	198	260117	42.499	ng	97
66) n-Nitrosodiphenylamine	15.72	169	1952492	44.024	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	710131	43.534	ng	97
68) Hexachlorobenzene	16.50	284	806203	42.325	ng	97
69) Atrazine	16.67	200	569463	43.021	ng	99
70) Pentachlorophenol	16.85	266	906118	99.716	ng	99
71) Phenanthrene	17.25	178	3239423	41.250	ng	99
72) Anthracene	17.34	178	3278805	41.715	ng	99
73) Carbazole	17.61	167	2776600	38.928	ng	100
74) Di-n-butylphthalate	18.17	149	3578541	38.649	ng	100
75) Fluoranthene	19.26	202	3358863	38.461	ng	99
77) Benzidine	19.45	184	999674	26.946	ng	100
78) Pyrene	19.62	202	3358248	35.743	ng	100
80) Butylbenzylphthalate	20.52	149	1353048	34.077	ng	95
81) Benzo(a)anthracene	21.36	228	3046535	35.731	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	1041122	33.346	ng	99
83) Chrysene	21.42	228	2965218	36.586	ng	100
84) Bis(2-ethylhexyl)phthalate	21.29	149	1913751	33.163	ng	99
85) Di-n-octyl phthalate	22.19	149	3102000	33.858	ng	98
86) Indeno(1,2,3-cd)pyrene	25.99	276	4058741	48.951	ng	99
88) Benzo(b)fluoranthene	22.97	252	3255414	41.688	ng	99
89) Benzo(k)fluoranthene	23.02	252	3164716	41.470	ng	99
90) Benzo(a)pyrene	23.56	252	3170600	44.763	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3431419	49.934	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3320978	52.029	ng	99

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

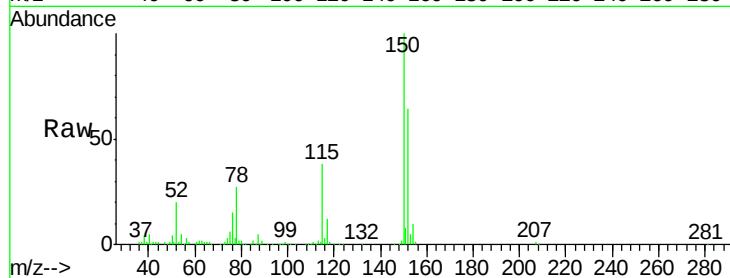


#1

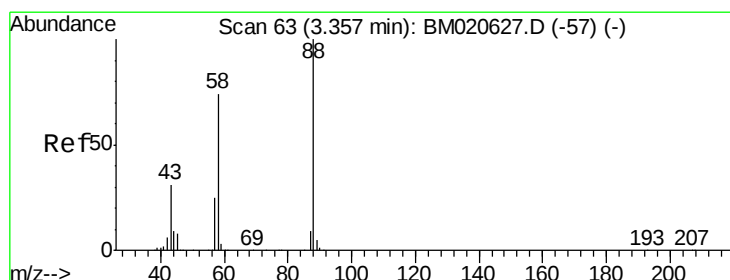
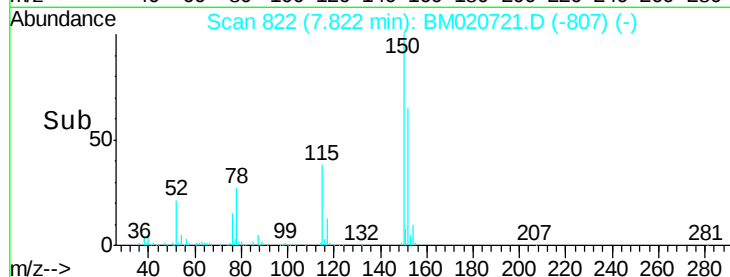
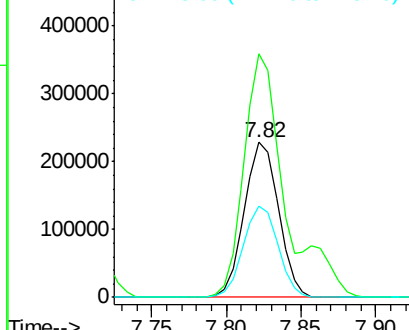
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion:152 Resp: 361823
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 59.1 49.6 74.4



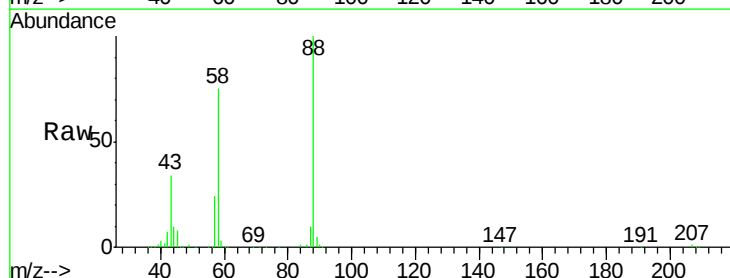
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



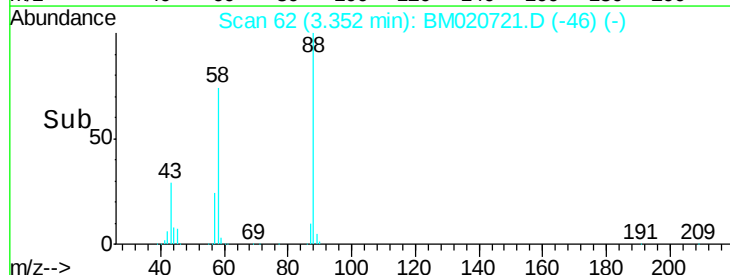
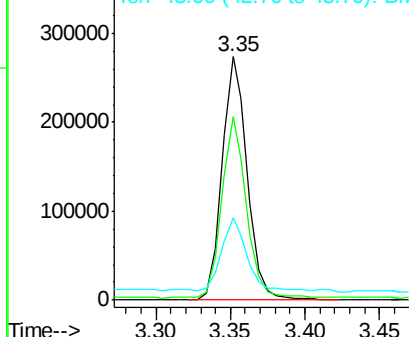
#2

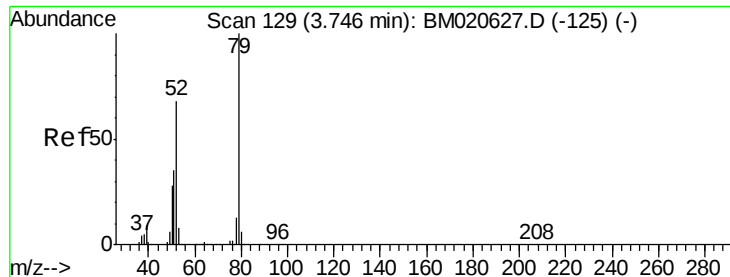
1,4-Dioxane
Concen: 38.513 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 88 Resp: 324334
Ion Ratio Lower Upper
88 100
58 72.5 60.2 90.4
43 30.1 25.3 37.9



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 32.154 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

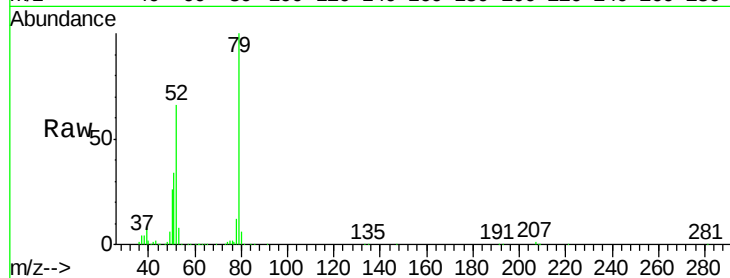
Tgt Ion: 79 Resp: 861531

Ion Ratio Lower Upper

79 100

52 66.2 54.1 81.1

51 33.8 28.6 42.8

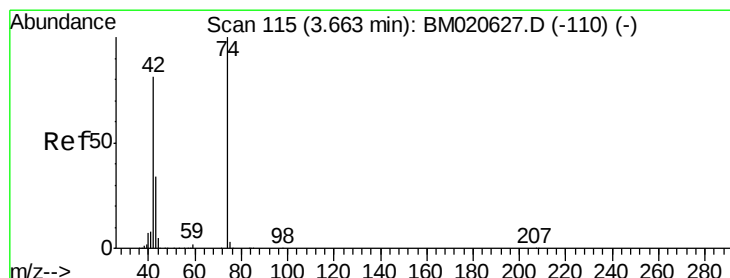
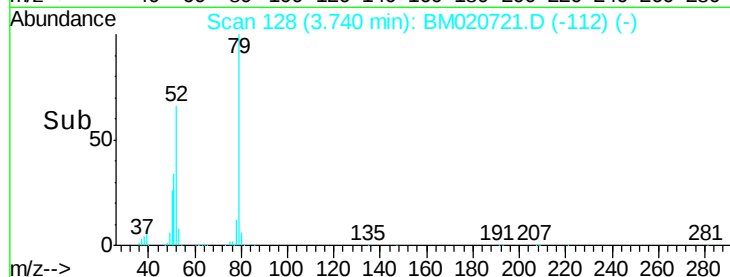


Abundance Ion 79.00 (78.70 to 79.70): BM020721.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020721.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020721.D (-125) (-)

Time-->



#4

n-Nitrosodimethylamine

Concen: 35.172 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

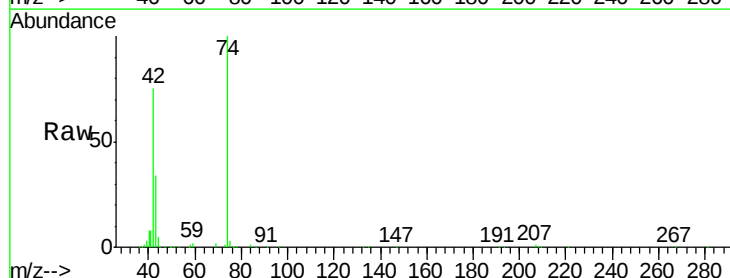
Tgt Ion: 42 Resp: 406249

Ion Ratio Lower Upper

42 100

74 132.7 99.4 149.0

44 6.7 5.8 8.8

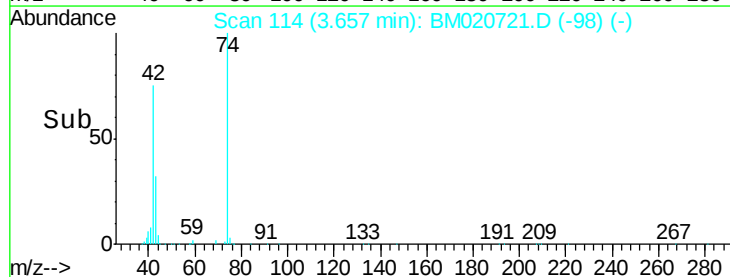


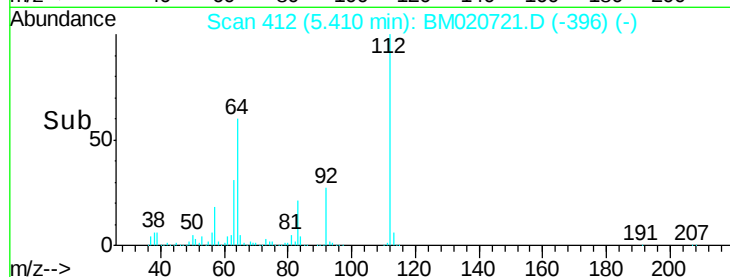
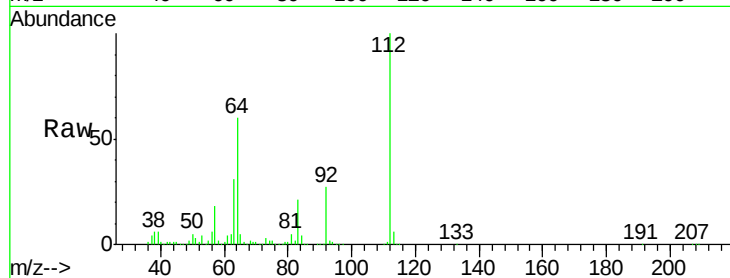
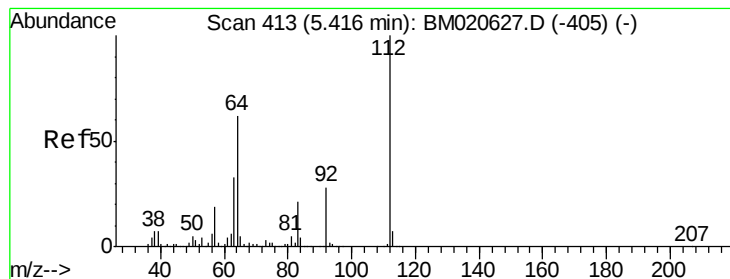
Abundance Ion 42.00 (41.70 to 42.70): BM020721.D (-98) (-)

Ion 74.00 (73.70 to 74.70): BM020721.D (-98) (-)

Ion 44.00 (43.70 to 44.70): BM020721.D (-98) (-)

Time-->





#5

2-Fluorophenol

Concen: 82.939 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

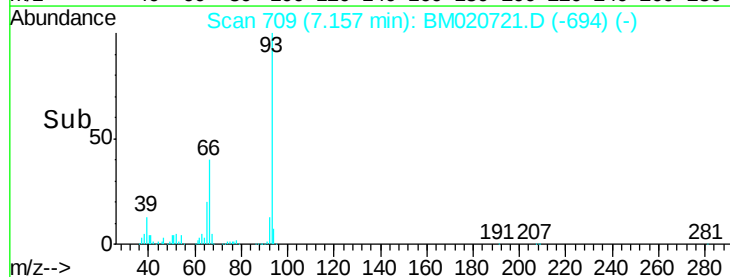
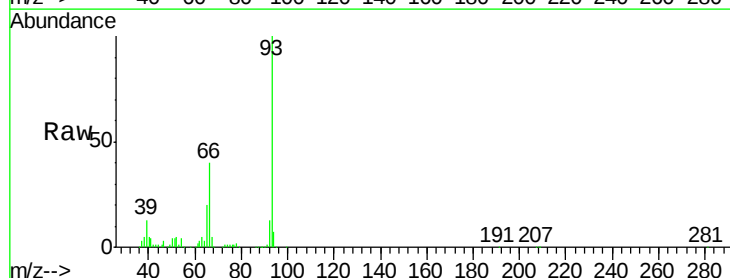
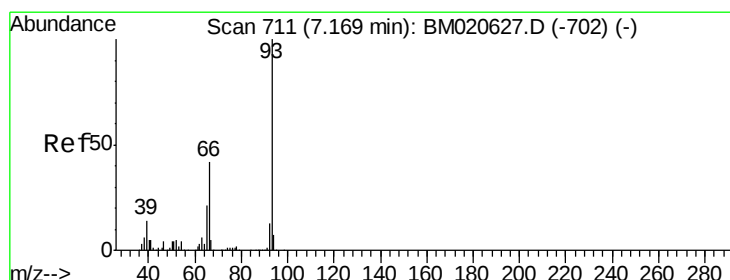
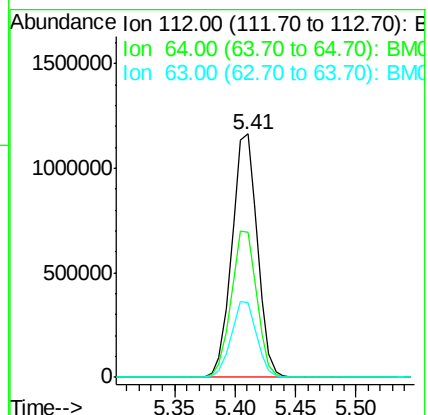
Tgt Ion:112 Resp: 1705984

Ion Ratio Lower Upper

112 100

64 59.6 49.7 74.5

63 30.7 26.4 39.6



#6

Aniline

Concen: 24.123 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

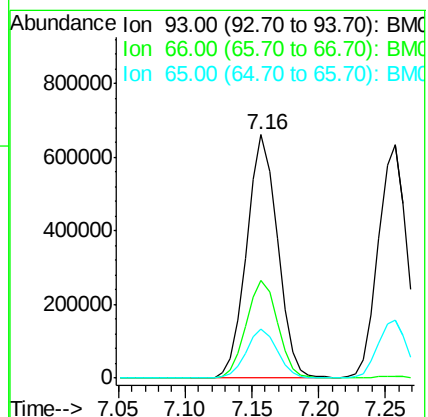
Tgt Ion: 93 Resp: 1057158

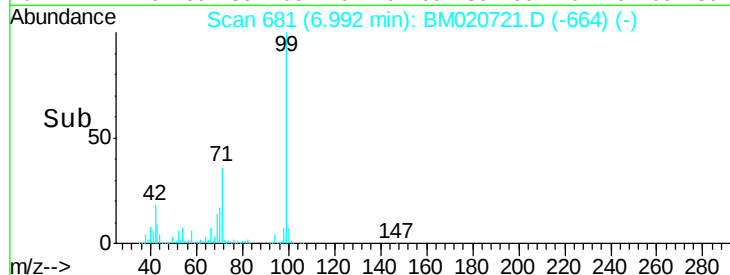
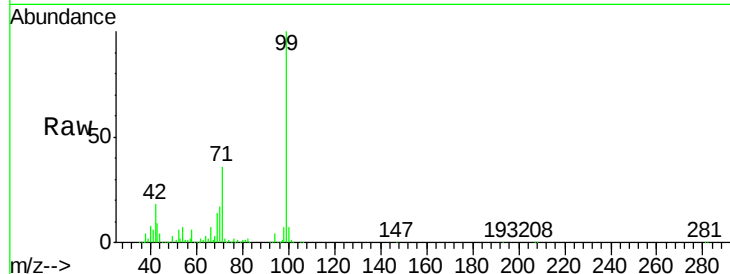
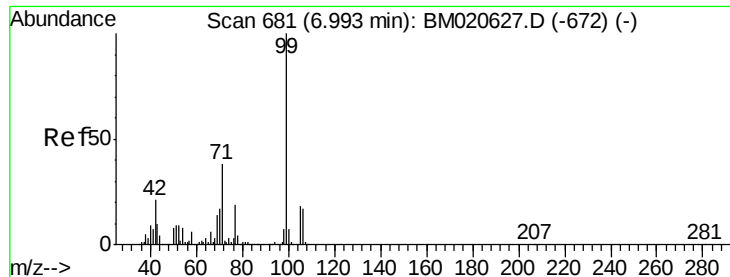
Ion Ratio Lower Upper

93 100

66 40.0 33.6 50.4

65 20.0 16.7 25.1





#7

Phenol-d6

Concen: 73.767 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.00 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

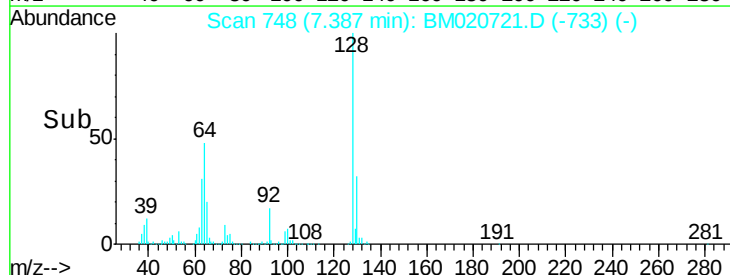
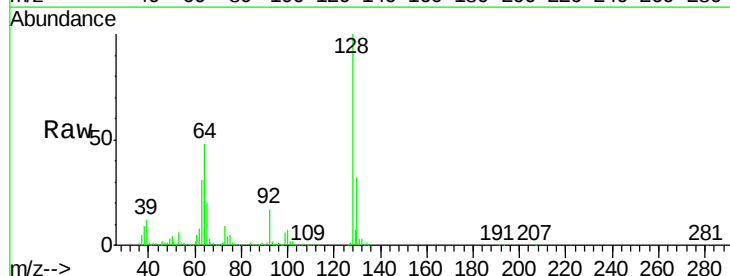
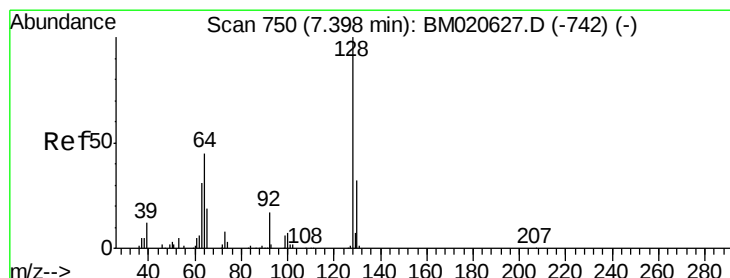
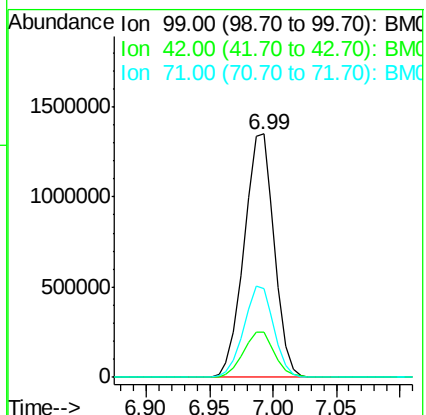
Tgt Ion: 99 Resp: 2234200

Ion Ratio Lower Upper

99 100

42 18.4 16.5 24.7

71 36.4 30.7 46.1



#8

2-Chlorophenol

Concen: 40.244 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

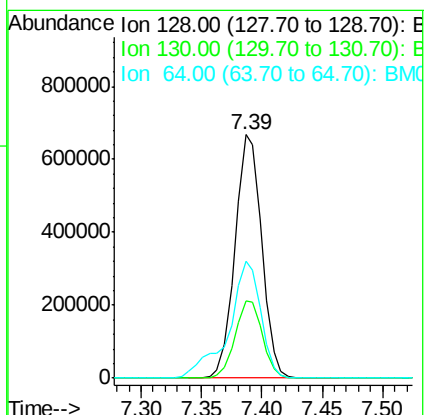
Tgt Ion: 128 Resp: 1029786

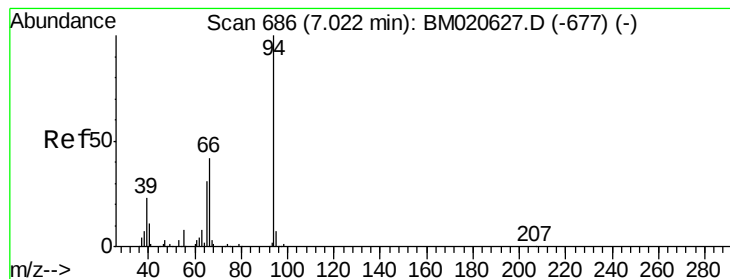
Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

64 48.3 29.1 69.1





#10

Phenol

Concen: 38.301 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

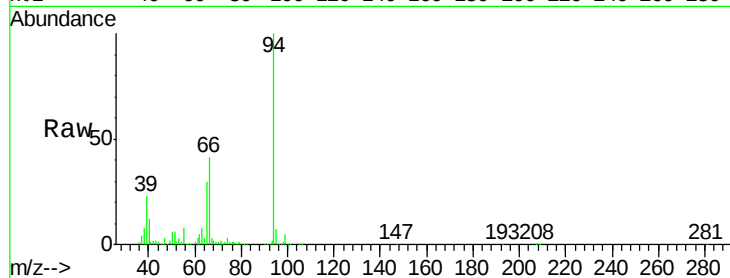
Tgt Ion: 94 Resp: 1250114

Ion Ratio Lower Upper

94 100

65 29.9 10.7 50.7

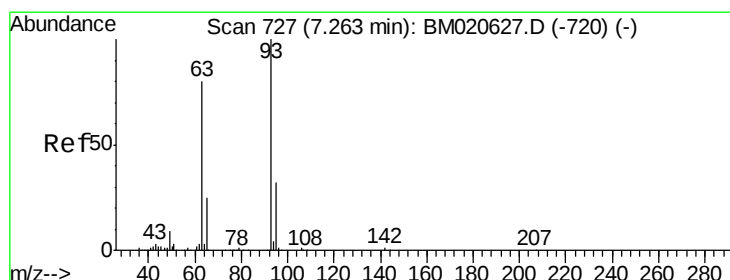
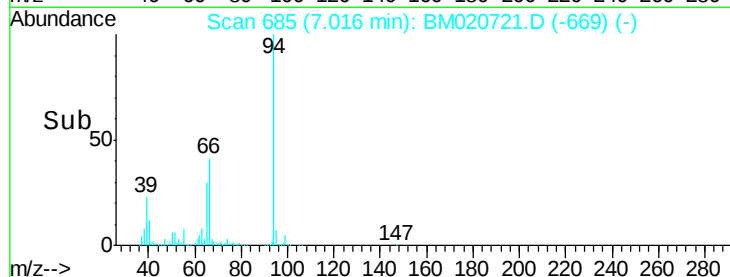
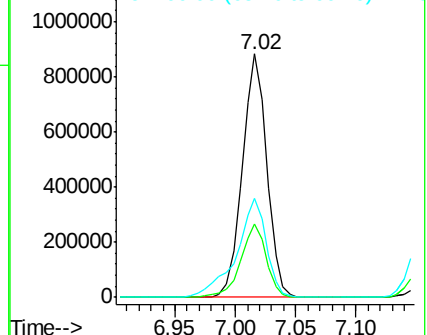
66 40.7 22.3 62.3



Abundance Ion 94.00 (93.70 to 94.70): BM020721.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020721.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020721.D (-669) (-)



#11

bis(2-Chloroethyl)ether

Concen: 35.814 ng

RT: 7.26 min Scan# 726

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

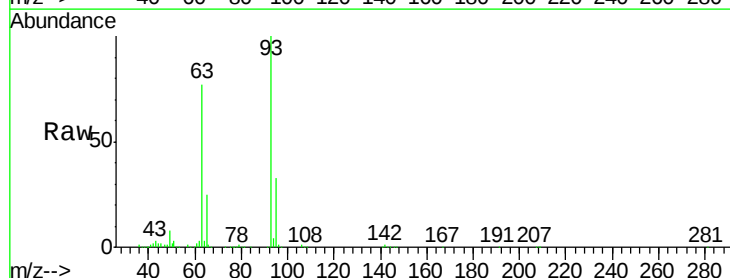
Tgt Ion: 93 Resp: 931581

Ion Ratio Lower Upper

93 100

63 76.7 60.0 100.0

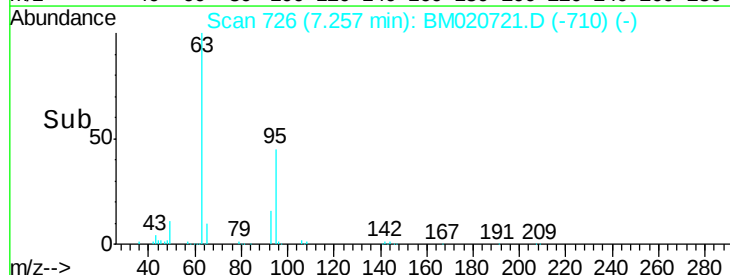
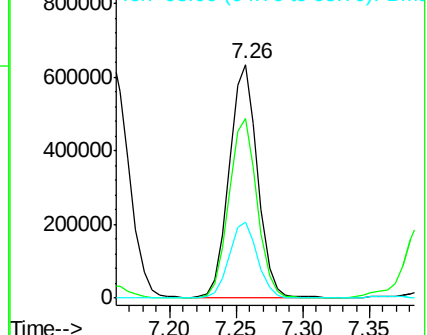
95 32.6 12.2 52.2

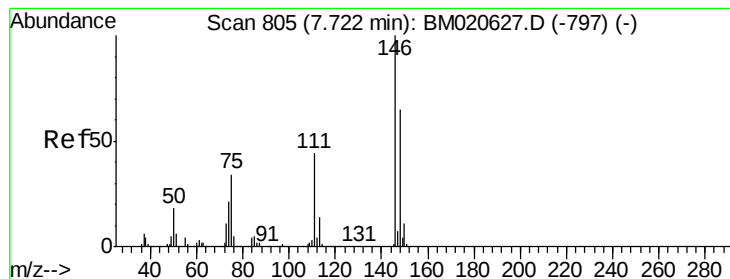


Abundance Ion 93.00 (92.70 to 93.70): BM020721.D (-710) (-)

Ion 63.00 (62.70 to 63.70): BM020721.D (-710) (-)

Ion 95.00 (94.70 to 95.70): BM020721.D (-710) (-)





#12

1,3-Dichlorobenzene

Concen: 37.105 ng

RT: 7.71 min Scan# 803

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

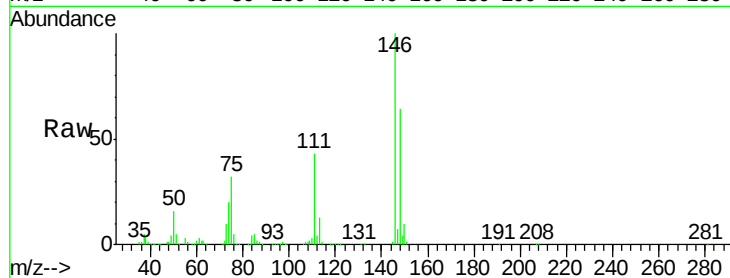
Tgt Ion:146 Resp: 1091217

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

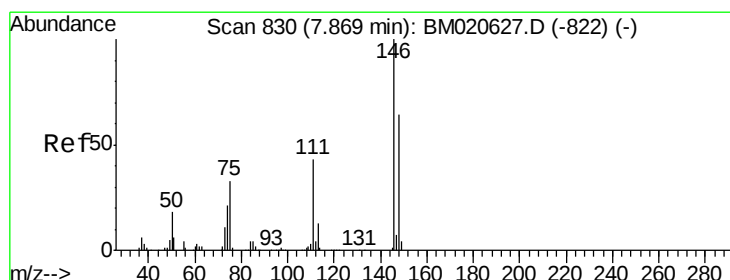
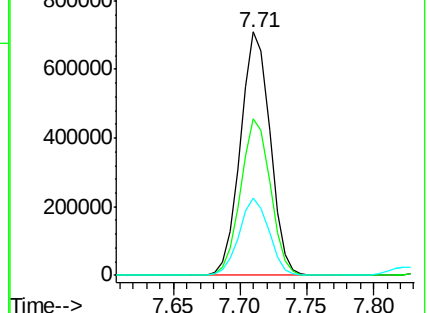
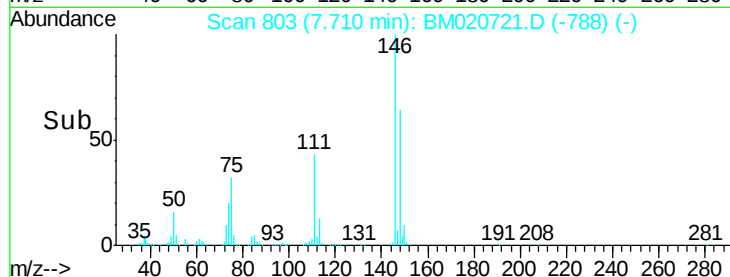
75 31.8 27.0 40.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 37.077 ng

RT: 7.86 min Scan# 828

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

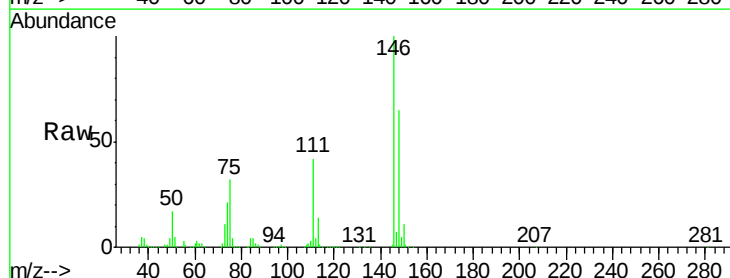
Tgt Ion:146 Resp: 1108486

Ion Ratio Lower Upper

146 100

148 65.2 51.0 76.4

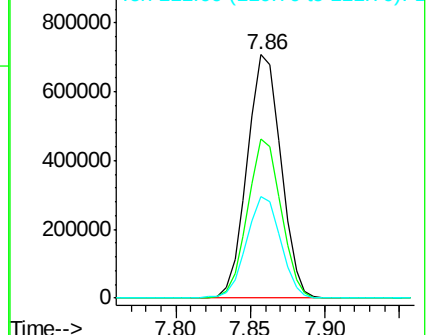
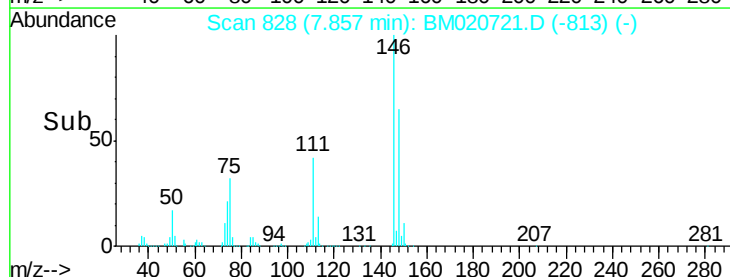
111 41.7 34.4 51.6

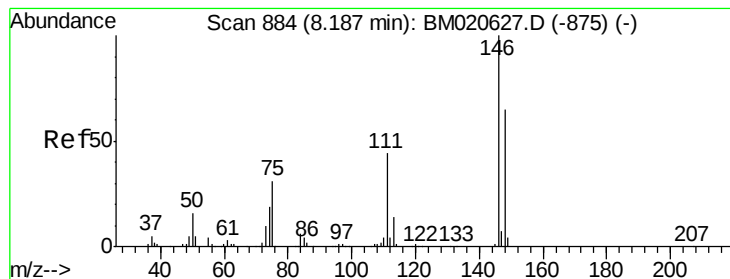


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 36.791 ng

RT: 8.17 min Scan# 882

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

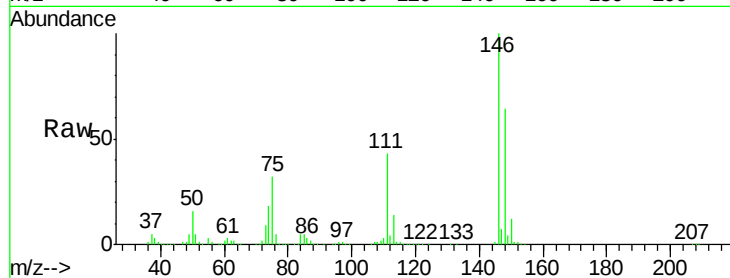
Tgt Ion:146 Resp: 1070445

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.8

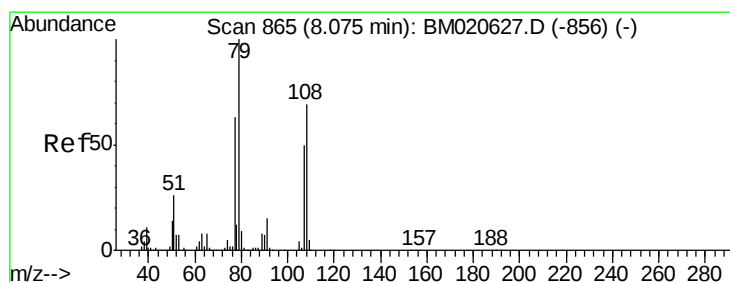
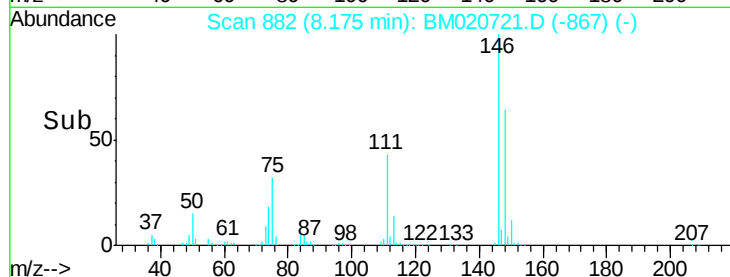
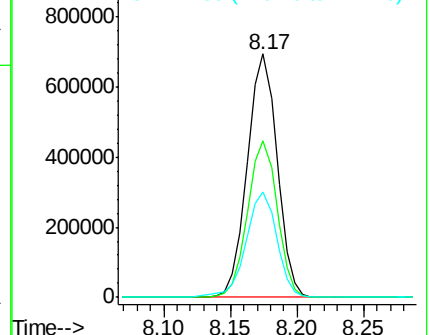
111 43.1 35.1 52.7



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: 33.801 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

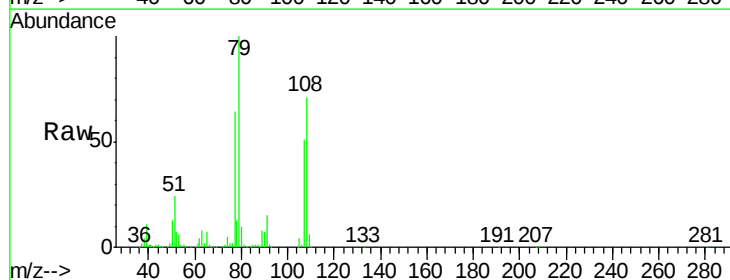
Tgt Ion: 79 Resp: 905659

Ion Ratio Lower Upper

79 100

108 71.1 54.9 82.3

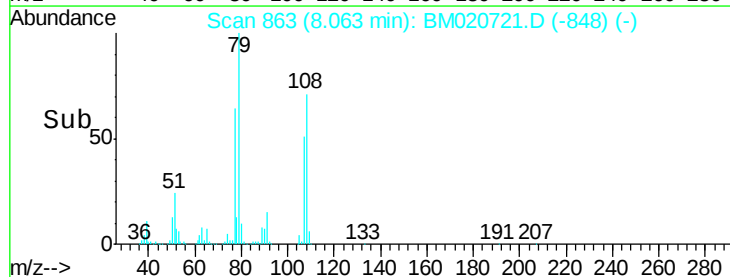
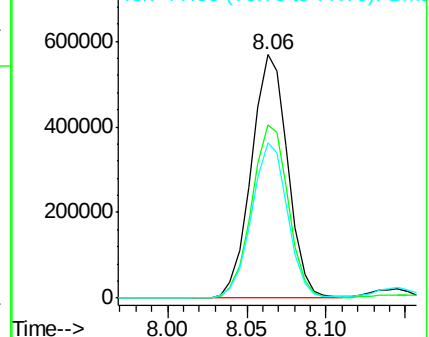
77 63.6 50.2 75.4

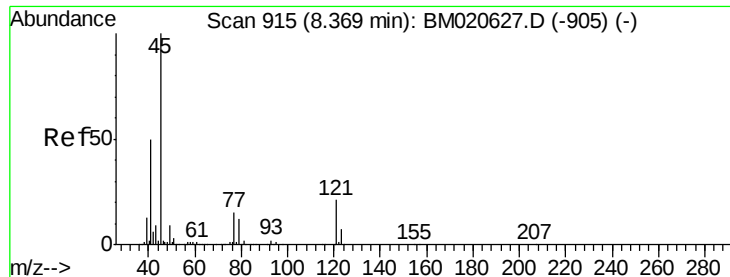


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

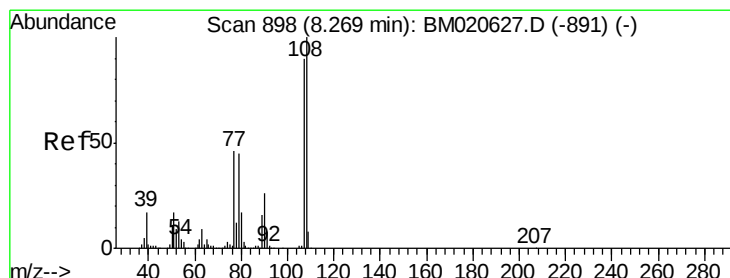
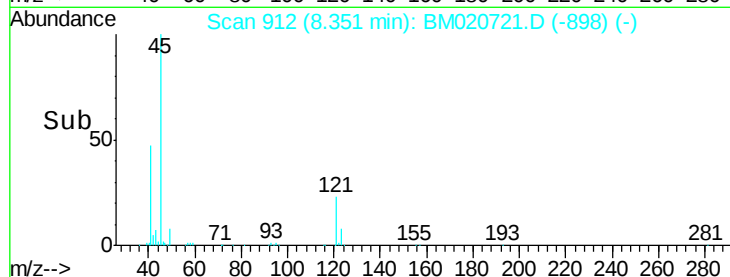
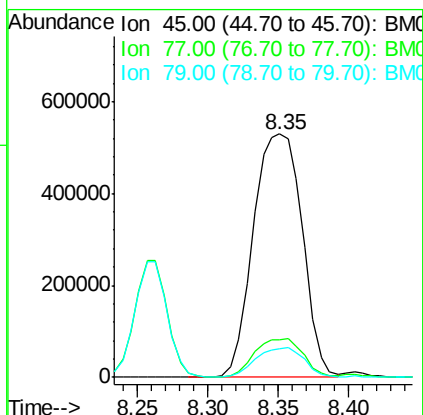
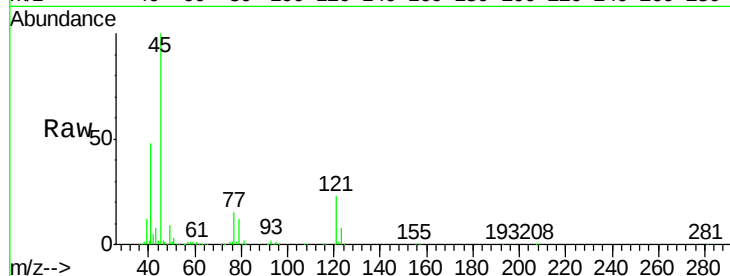




#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 31.941 ng
 RT: 8.35 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

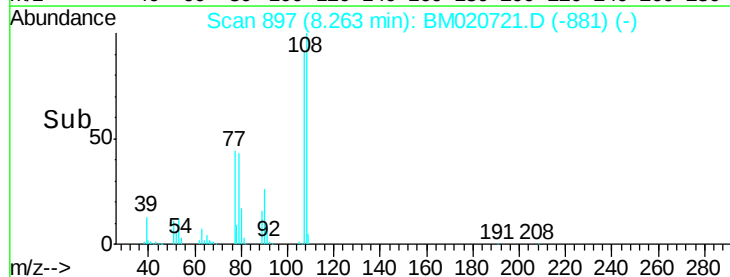
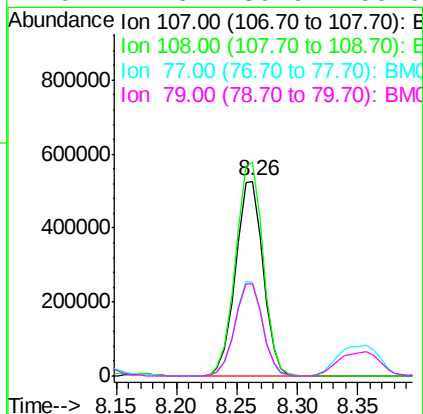
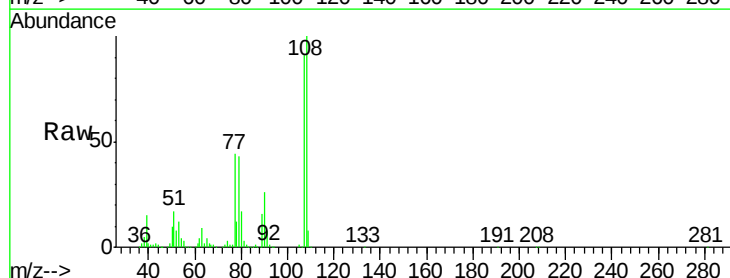
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

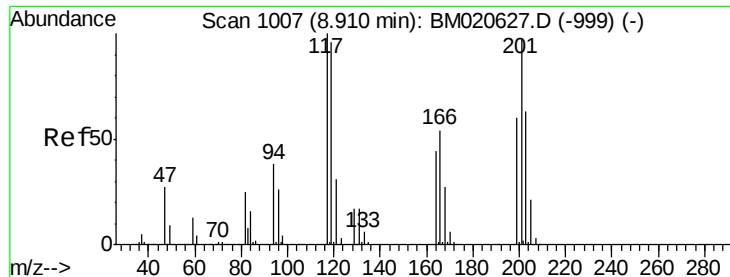
Tgt Ion: 45 Resp: 1282740
 Ion Ratio Lower Upper
 45 100
 77 15.2 0.0 34.9
 79 11.7 0.0 31.8



#17
 2-Methylphenol
 Concen: 36.590 ng
 RT: 8.26 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion: 107 Resp: 839800
 Ion Ratio Lower Upper
 107 100
 108 109.8 88.6 133.0
 77 48.2 40.6 61.0
 79 47.6 39.9 59.9





#18

Hexachloroethane

Concen: 35.600 ng

RT: 8.90 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

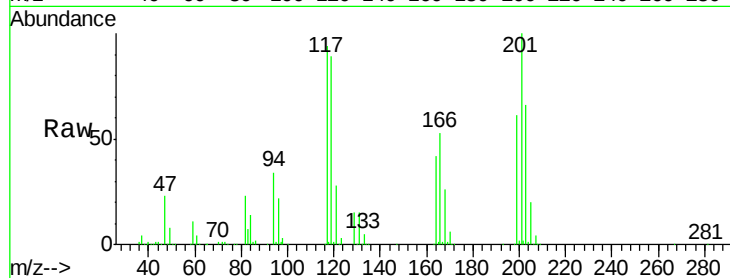
Tgt Ion:117 Resp: 407492

Ion Ratio Lower Upper

117 100

119 94.5 76.7 115.1

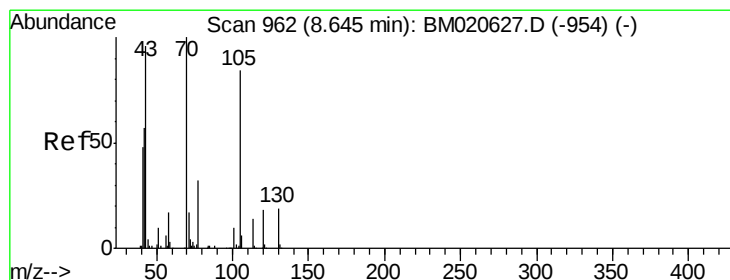
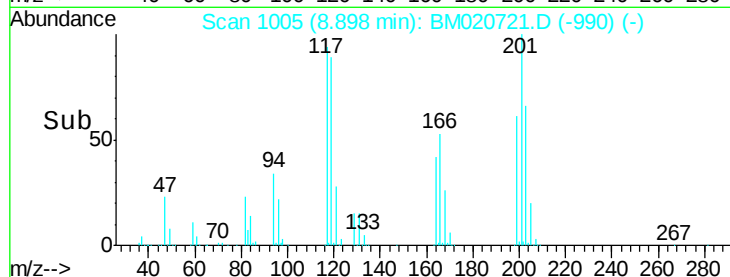
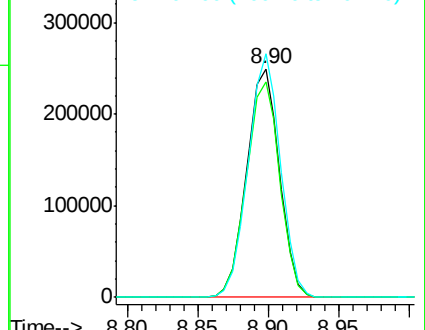
201 106.7 77.9 116.9



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: 31.766 ng

RT: 8.63 min Scan# 960

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion: 70 Resp: 773380

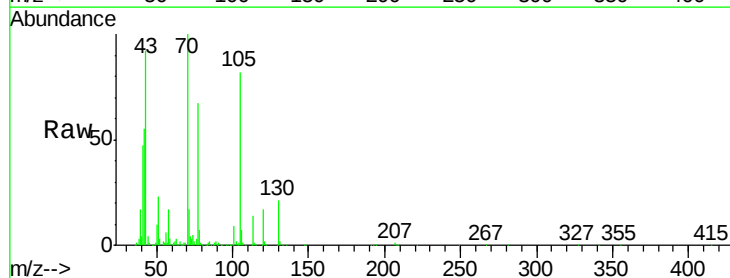
Ion Ratio Lower Upper

70 100

42 55.2 46.8 70.2

101 9.2 7.8 11.6

130 21.1 15.0 22.6

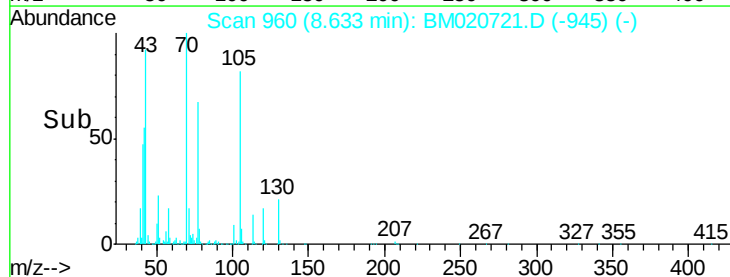
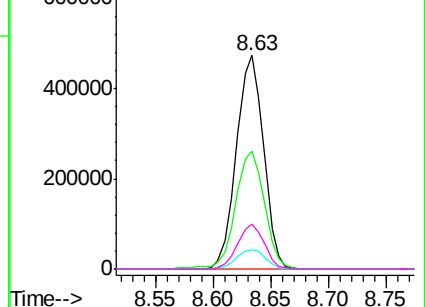


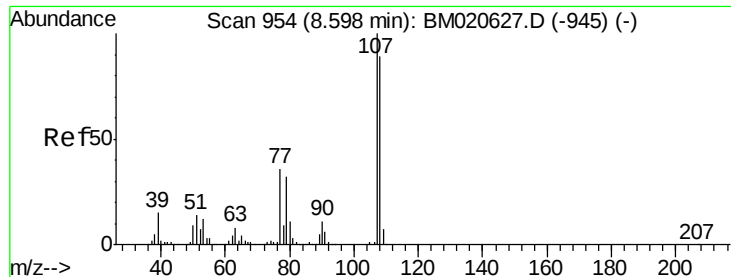
Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 35.256 ng

RT: 8.59 min Scan# 952

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:107 Resp: 1100923

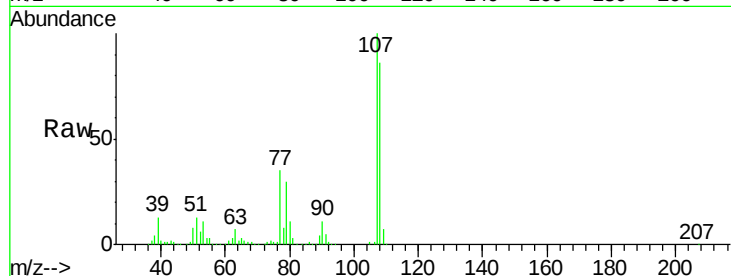
Ion Ratio Lower Upper

107 100

108 85.7 69.2 109.2

77 34.6 16.2 56.2

79 29.8 12.5 52.5

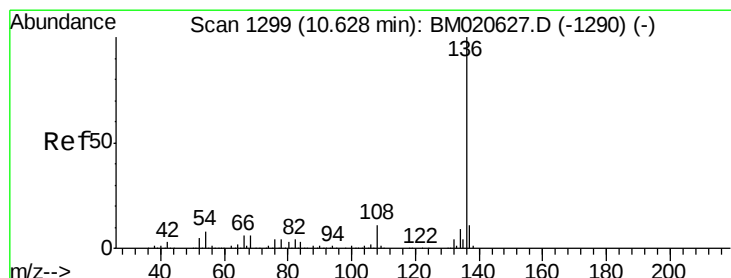
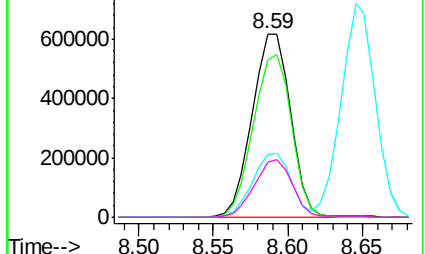
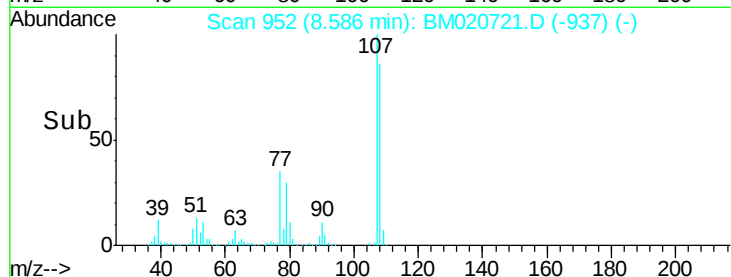


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.62 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:136 Resp: 1404086

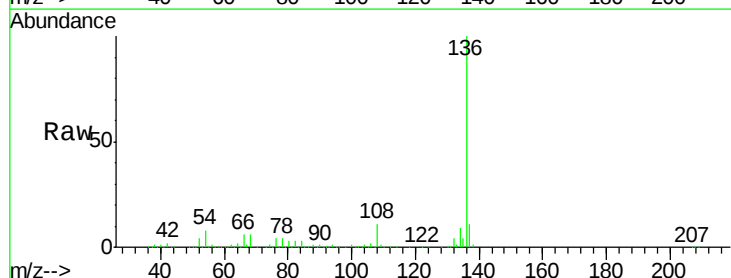
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.7 6.6 10.0

68 6.3 5.1 7.7

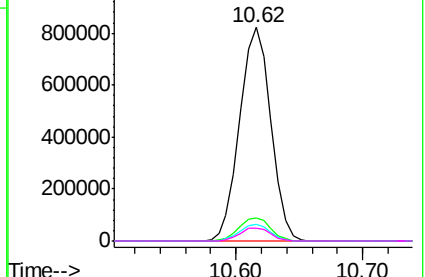
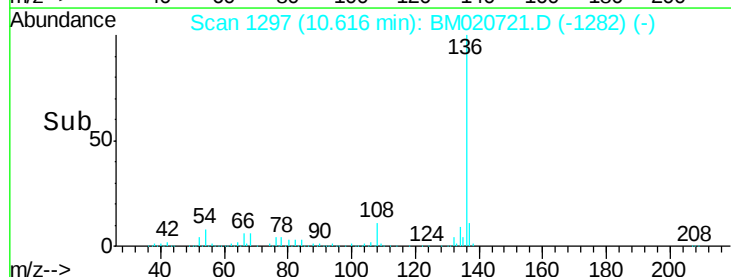


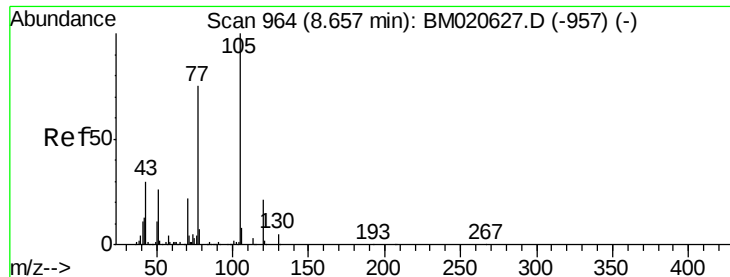
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0

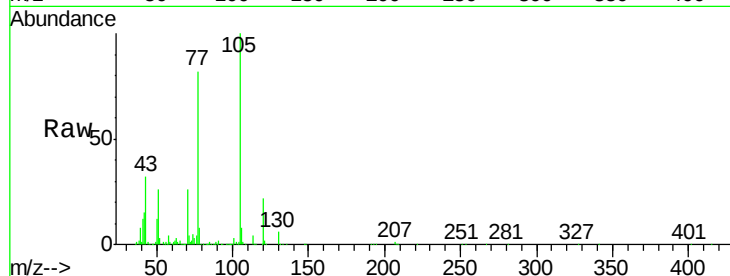




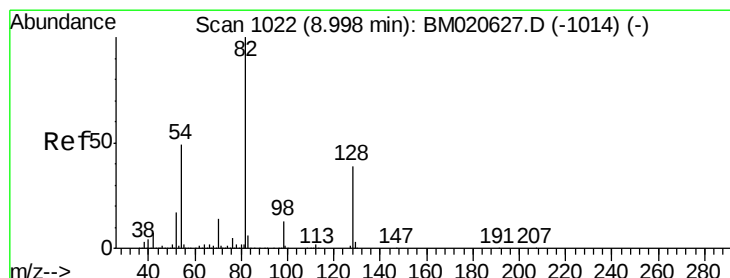
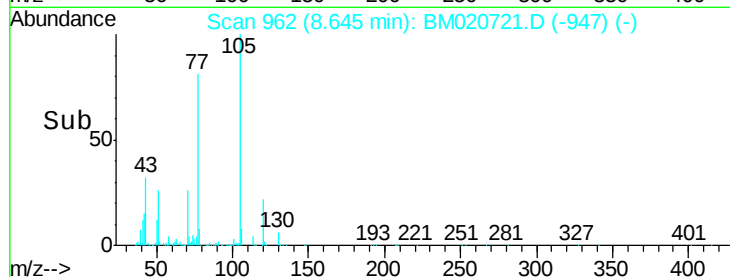
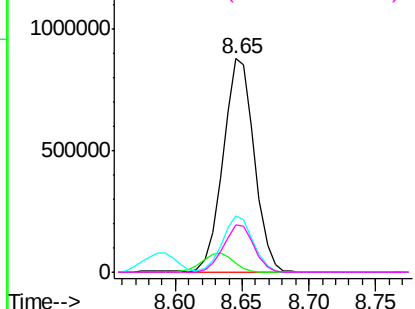
#22
Acetophenone
Concen: 40.156 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion:105 Resp: 1432320
Ion Ratio Lower Upper
105 100
71 4.4 3.2 4.8
51 26.4 22.8 34.2
120 22.0 17.0 25.4

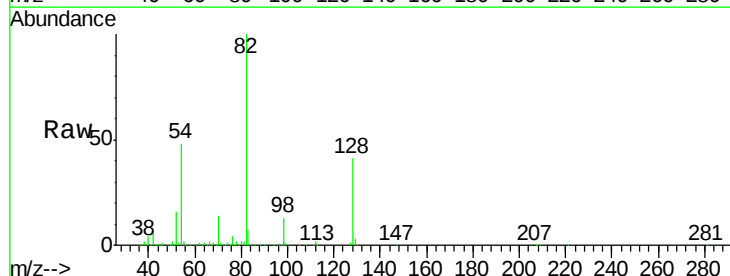


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

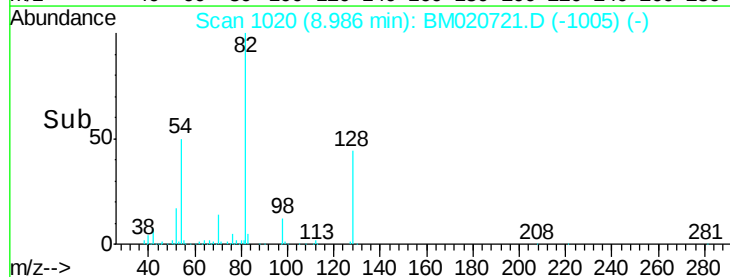
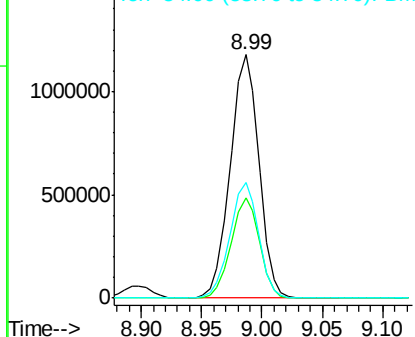


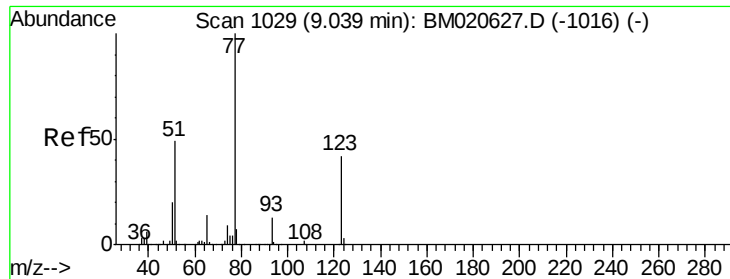
#23
Nitrobenzene-d5
Concen: 71.970 ng
RT: 8.99 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 82 Resp: 1950364
Ion Ratio Lower Upper
82 100
128 41.4 31.5 47.3
54 47.7 39.4 59.0



Abundance Ion 82.00 (81.70 to 82.70): BM
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BM

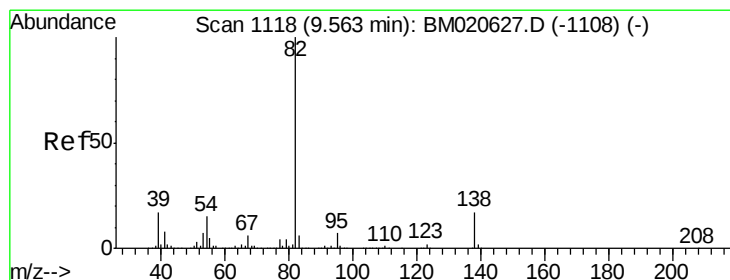
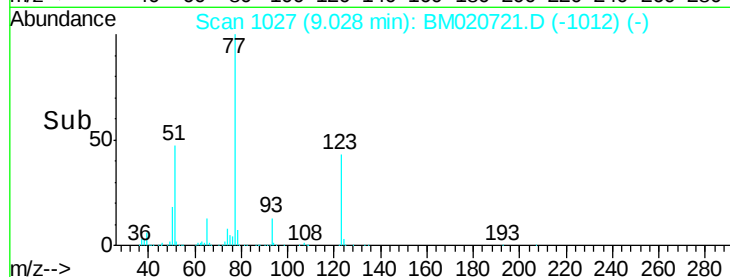
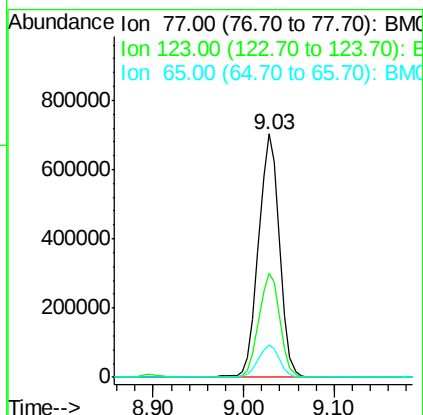
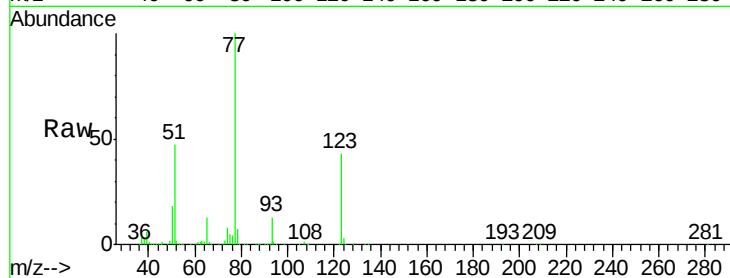




#24
 Nitrobenzene
 Concen: 40.544 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

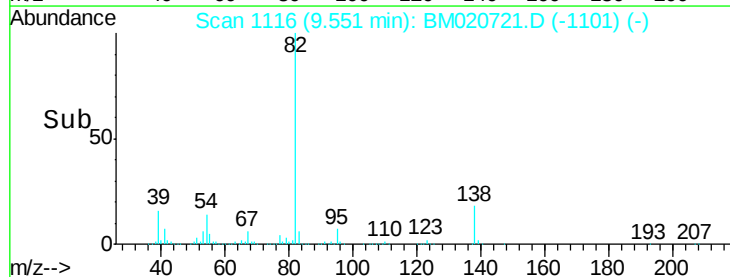
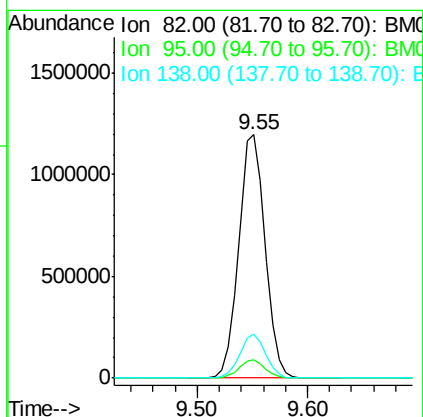
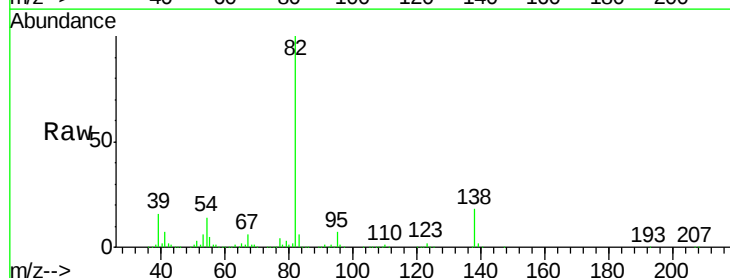
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

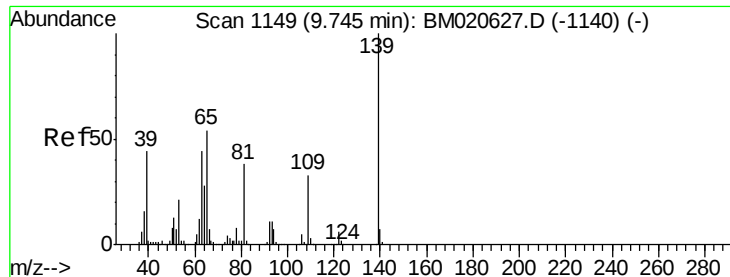
Tgt Ion: 77 Resp: 1121675
 Ion Ratio Lower Upper
 77 100
 123 43.0 33.7 50.5
 65 13.2 11.0 16.6



#25
 Isophorone
 Concen: 37.319 ng
 RT: 9.55 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion: 82 Resp: 2011701
 Ion Ratio Lower Upper
 82 100
 95 7.3 5.8 8.8
 138 18.0 13.8 20.8

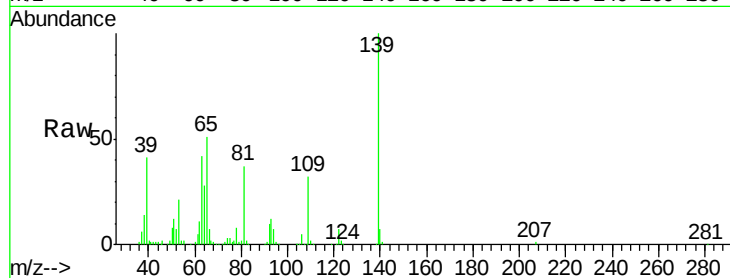




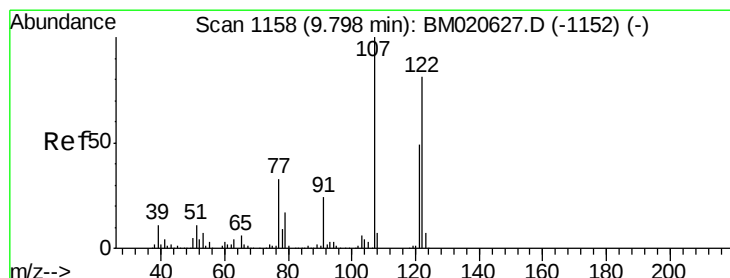
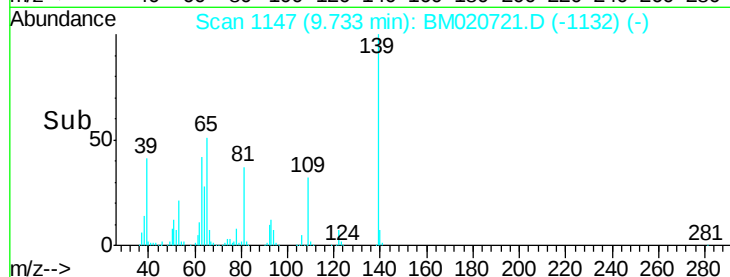
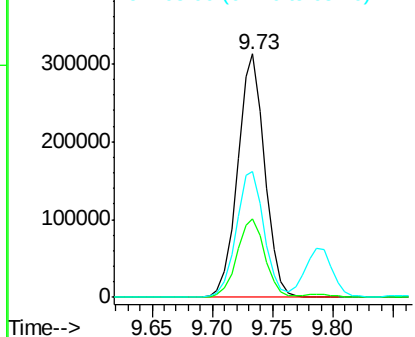
#26
2-Nitrophenol
Concen: 47.295 ng
RT: 9.73 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	32.2	26.1	39.1
65	51.5	43.4	65.0

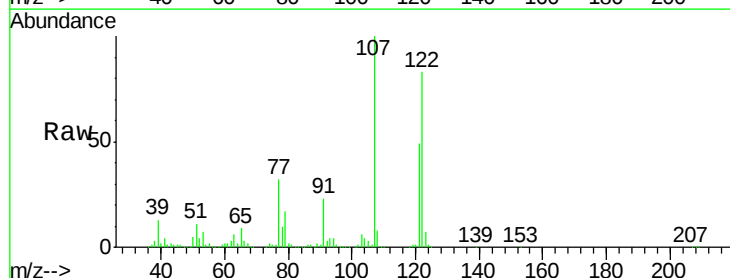


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

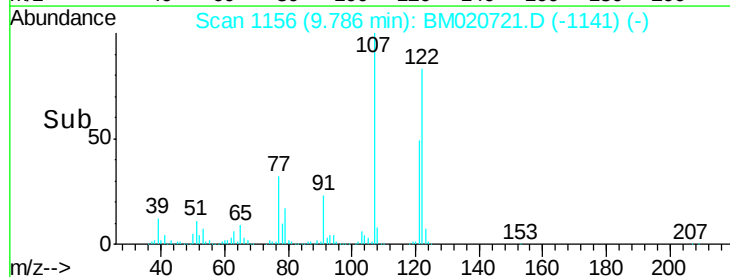
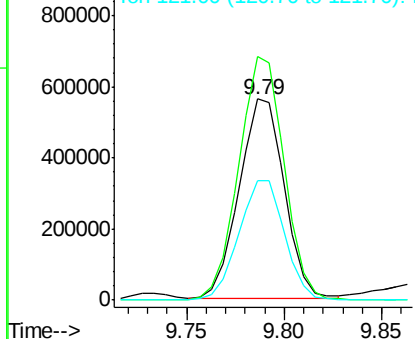


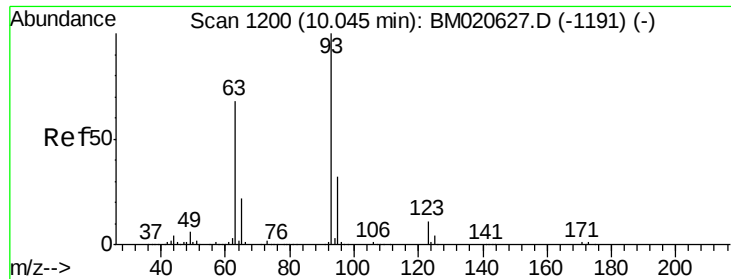
#27
2,4-Dimethylphenol
Concen: 46.618 ng
RT: 9.79 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
122	100		
107	121.1	98.0	147.0
121	59.4	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

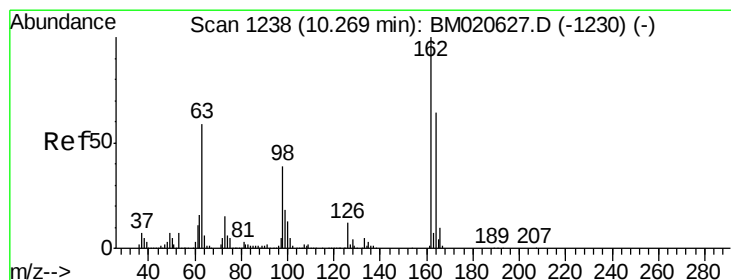
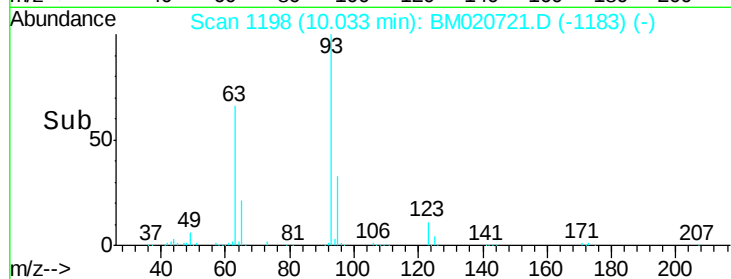
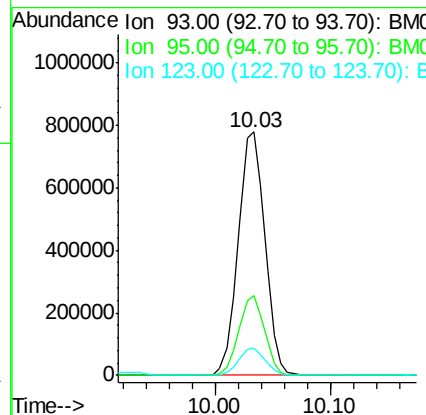
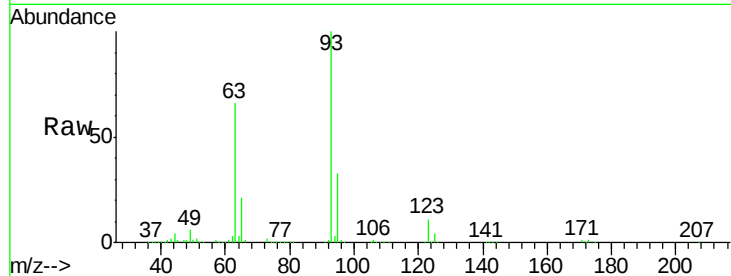




#28
bis(2-Chloroethoxy)methane
Concen: 38.206 ng
RT: 10.03 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

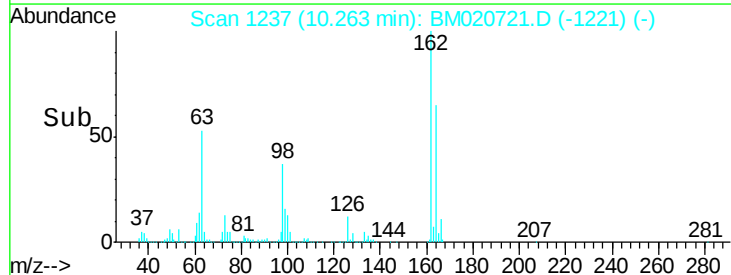
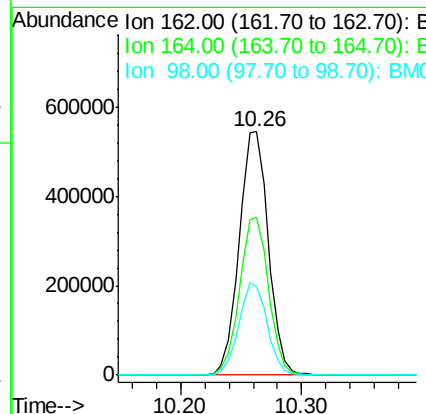
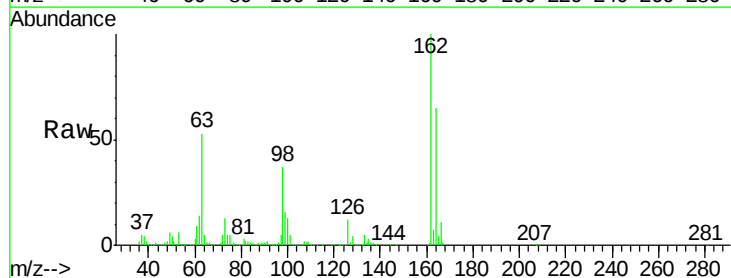
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

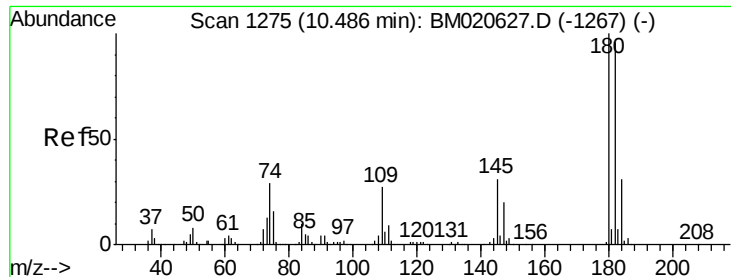
Tgt Ion: 93 Resp: 1245262
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 11.2 9.0 13.6



#29
2,4-Dichlorophenol
Concen: 43.082 ng
RT: 10.26 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 162 Resp: 920916
Ion Ratio Lower Upper
162 100
164 64.7 43.8 83.8
98 36.7 19.1 59.1

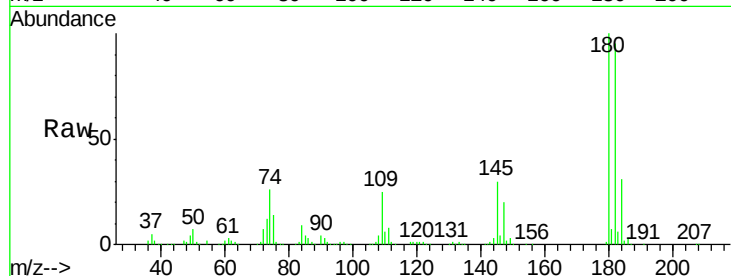




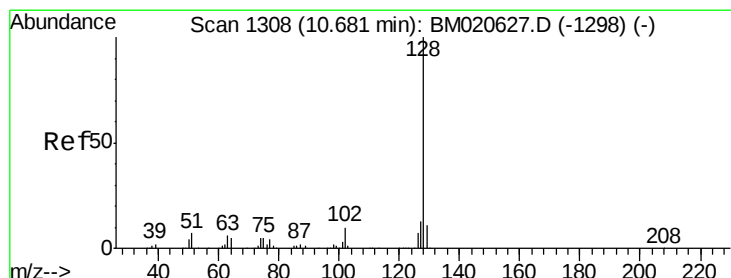
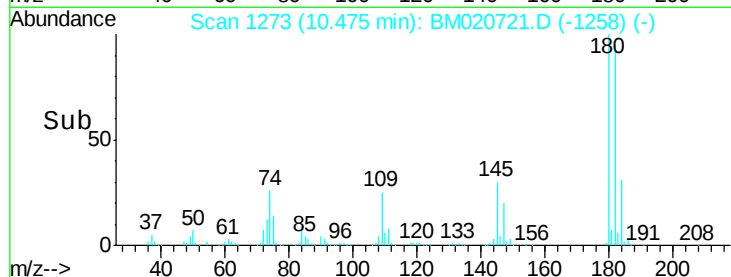
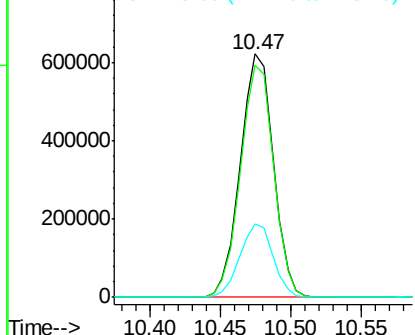
#30
 1,2,4-Trichlorobenzene
 Concen: 41.615 ng
 RT: 10.47 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:180 Resp: 1022844
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.0 115.6
 145 30.1 25.0 37.4

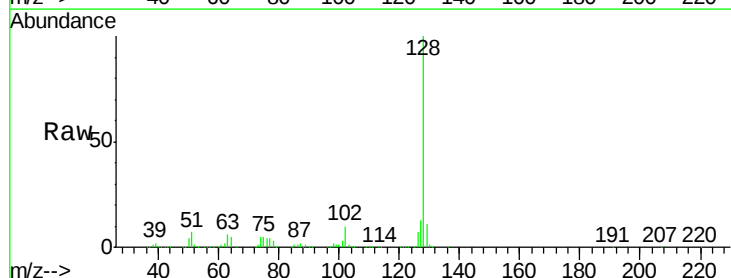


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

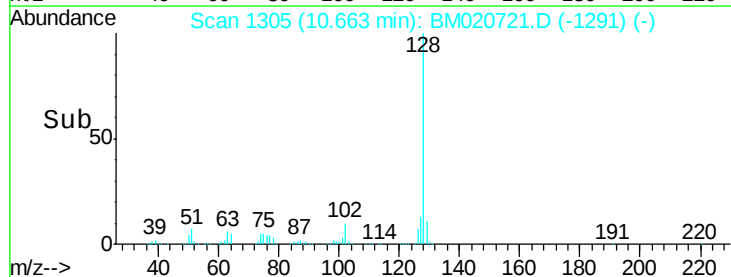
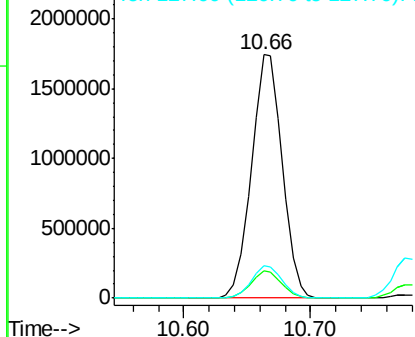


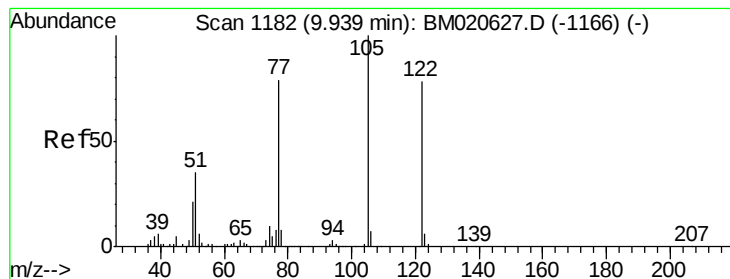
#31
 Naphthalene
 Concen: 40.773 ng
 RT: 10.66 min Scan# 1305
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:128 Resp: 2943962
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.7 13.1
 127 13.3 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: 41.449 ng

RT: 9.93 min Scan# 1180

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

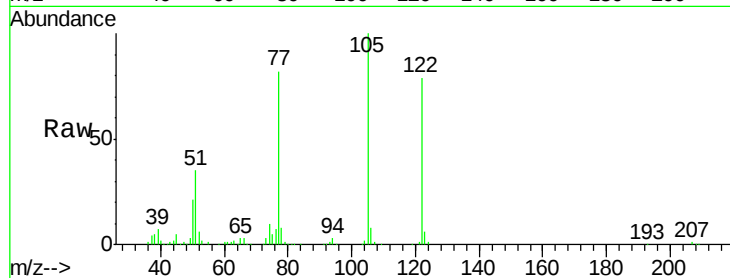
Tgt Ion:122 Resp: 494517

Ion Ratio Lower Upper

122 100

105 126.4 107.0 147.0

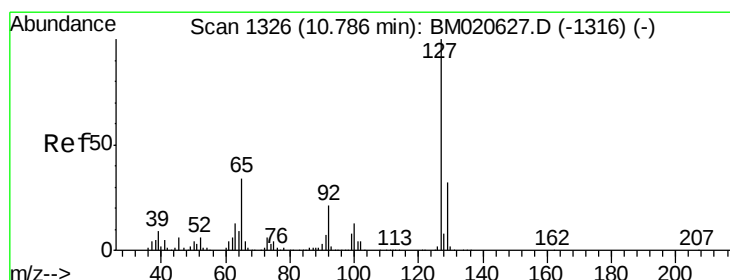
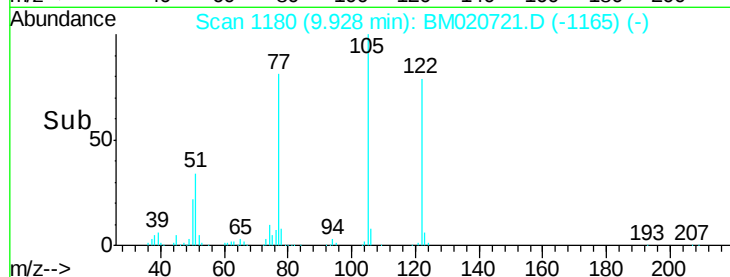
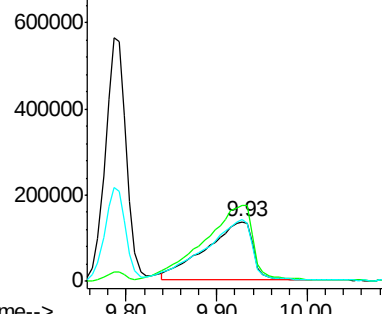
77 103.0 80.9 120.9



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: 14.897 ng

RT: 10.77 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:127 Resp: 500573

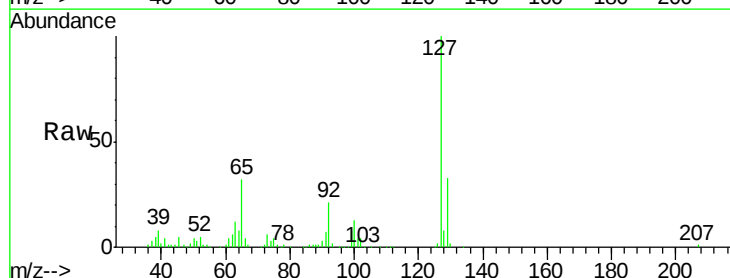
Ion Ratio Lower Upper

127 100

129 33.4 25.7 38.5

65 31.8 27.4 41.0

92 21.0 17.0 25.6

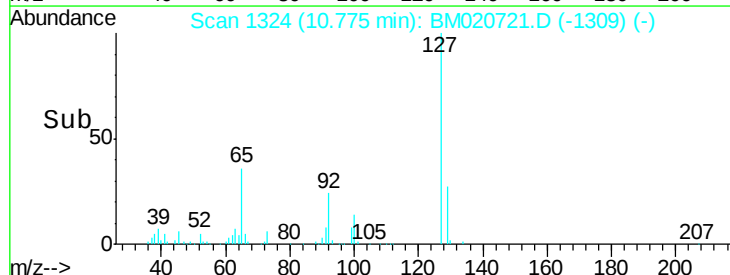
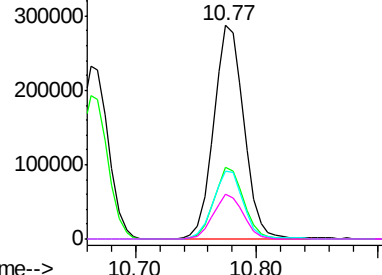


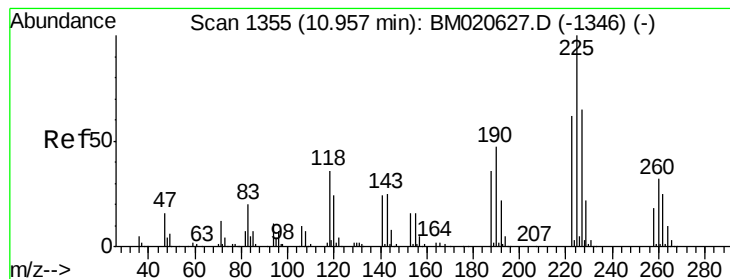
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM





#34

Hexachlorobutadiene

Concen: 41.015 ng

RT: 10.94 min Scan# 1352

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

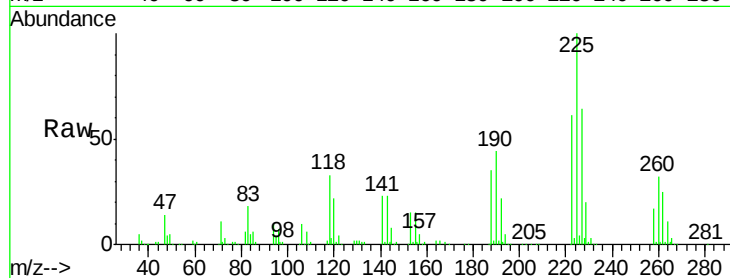
Tgt Ion: 225 Resp: 604880

Ion Ratio Lower Upper

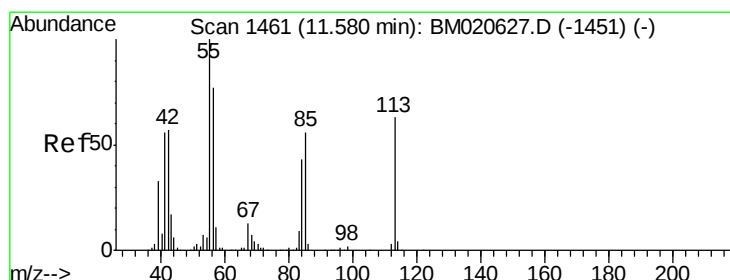
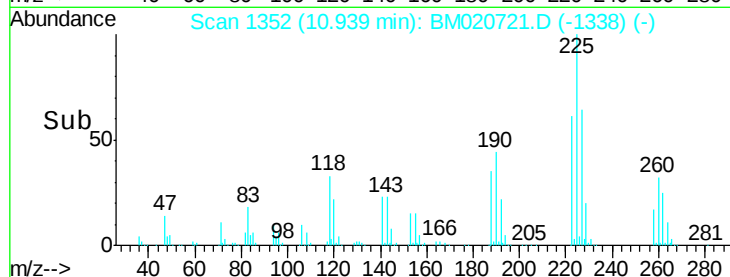
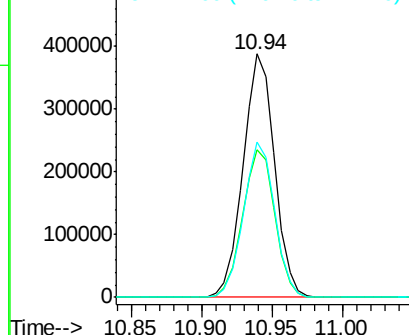
225 100

223 60.8 49.7 74.5

227 63.9 51.8 77.8



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 31.266 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

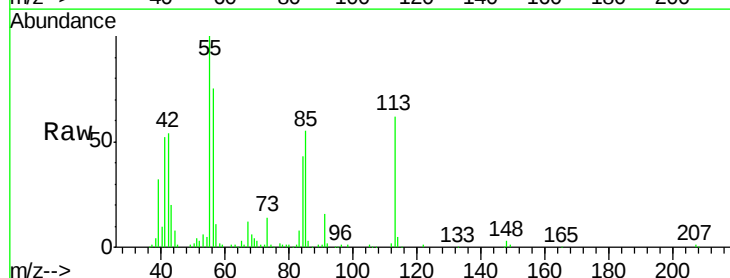
Tgt Ion: 113 Resp: 232178

Ion Ratio Lower Upper

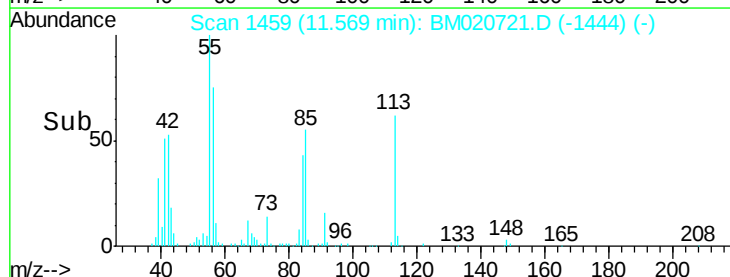
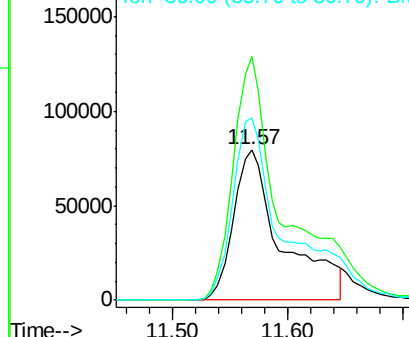
113 100

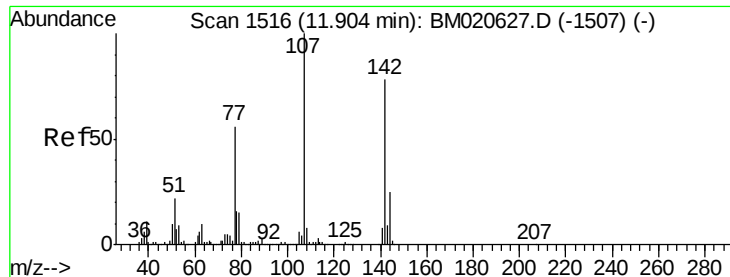
55 161.9 138.6 178.6

56 120.8 102.3 142.3



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

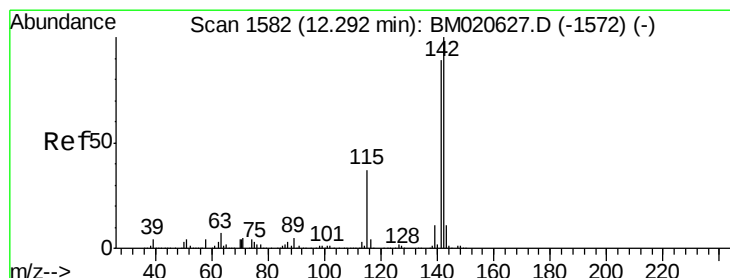
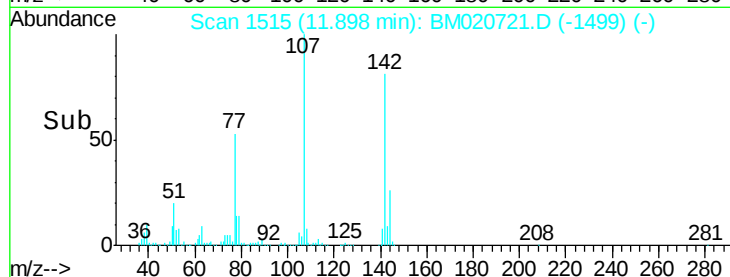
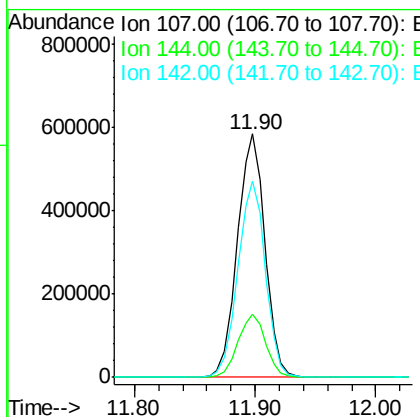
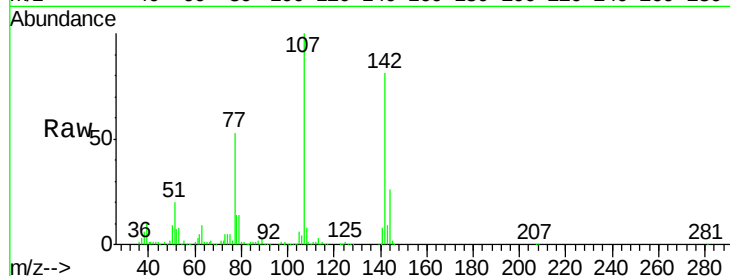




#36
 4-Chloro-3-methylphenol
 Concen: 37.536 ng
 RT: 11.90 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

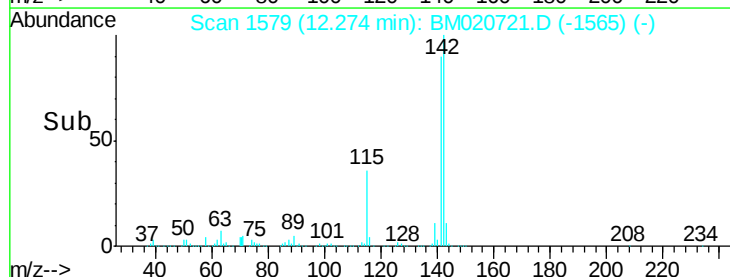
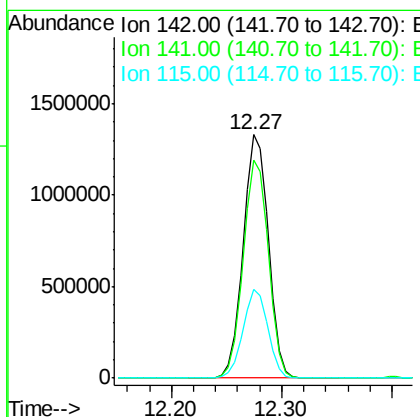
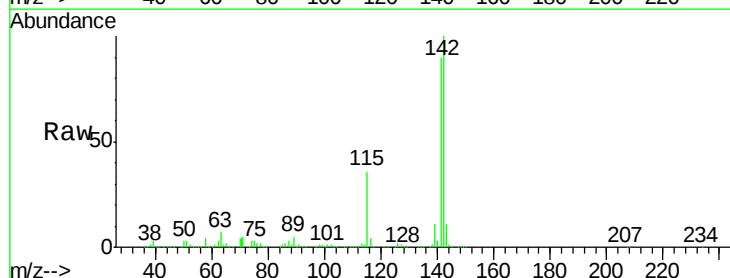
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

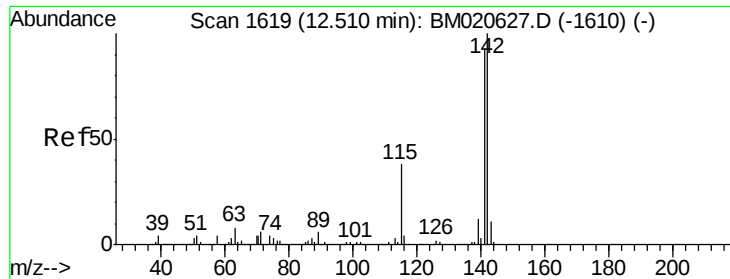
Tgt Ion:107 Resp: 932874
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.3 30.5
 142 80.6 62.6 93.8



#37
 2-Methylnaphthalene
 Concen: 39.866 ng
 RT: 12.27 min Scan# 1579
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:142 Resp: 2133562
 Ion Ratio Lower Upper
 142 100
 141 89.7 71.6 107.4
 115 36.3 29.6 44.4

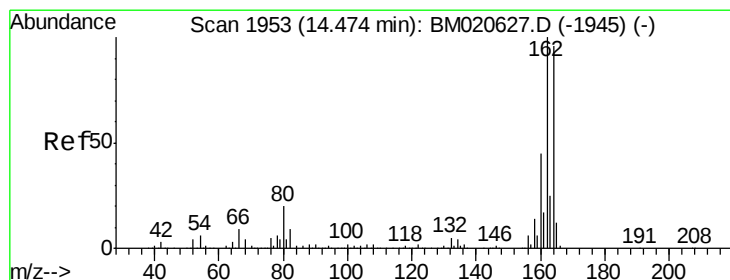
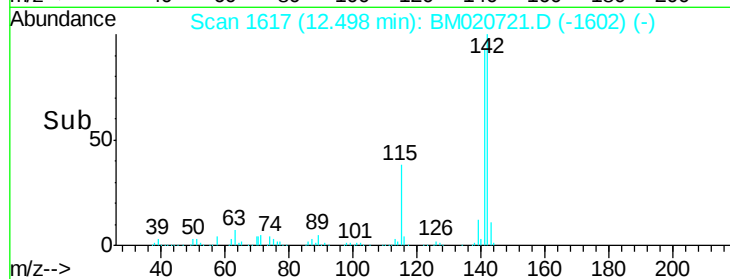
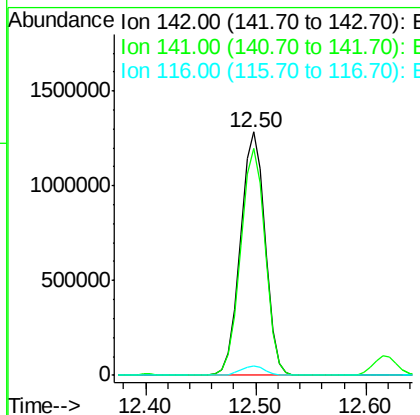
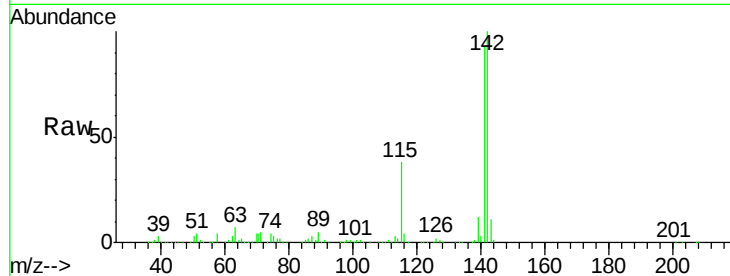




#38
 1-Methylnaphthalene
 Concen: 39.648 ng
 RT: 12.50 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

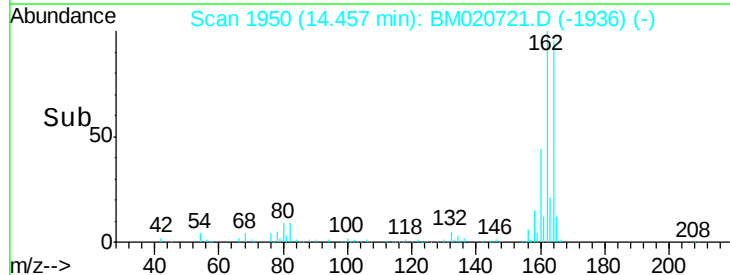
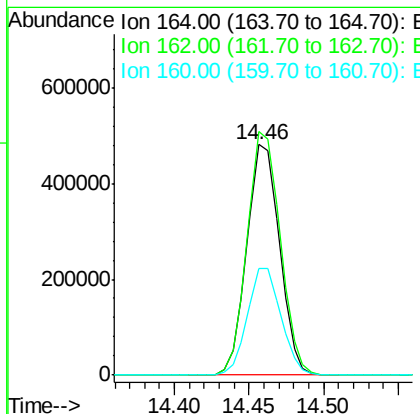
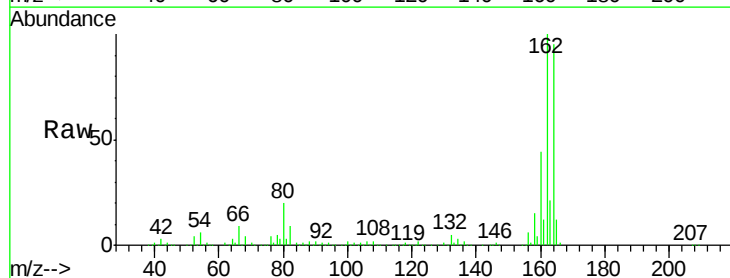
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

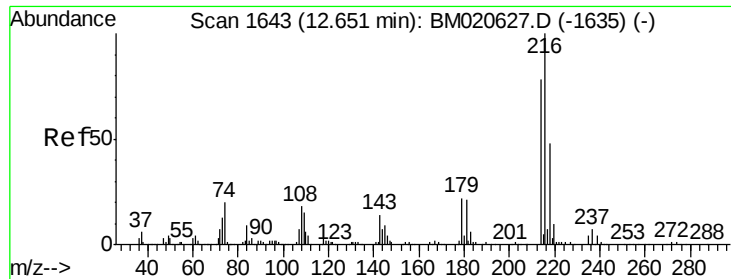
Tgt Ion:142 Resp: 2020424
 Ion Ratio Lower Upper
 142 100
 141 93.0 73.9 110.9
 116 3.9 3.2 4.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:164 Resp: 729689
 Ion Ratio Lower Upper
 164 100
 162 105.5 83.2 124.8
 160 46.3 37.5 56.3





#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.685 ng

RT: 12.65 min Scan# 1642

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

Tgt Ion:216 Resp: 1092453

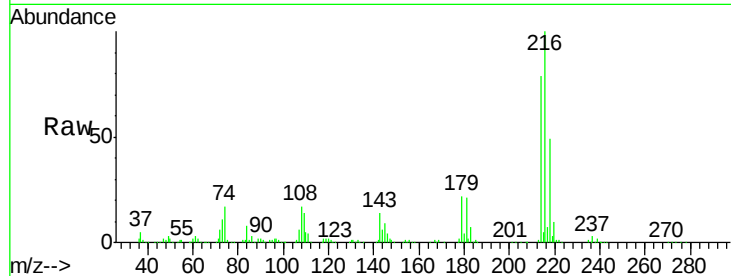
Ion Ratio Lower Upper

216 100

214 79.1 63.0 94.4

179 21.8 17.9 26.9

108 20.3 16.2 24.2

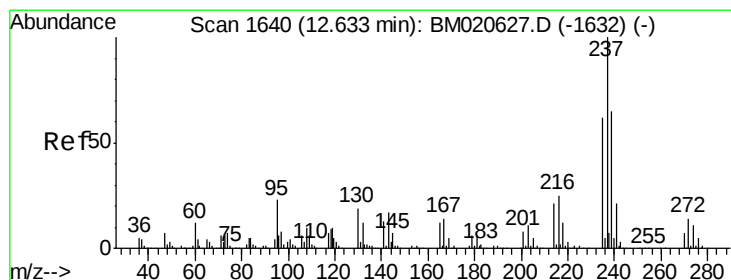
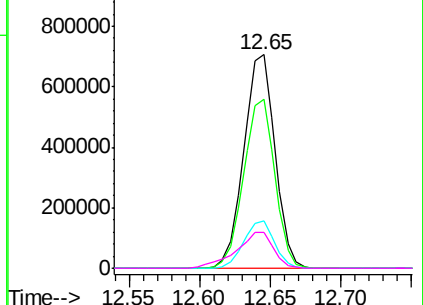
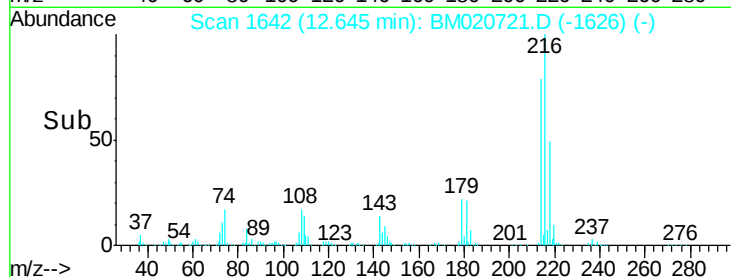


Abundance Ion 216.00 (215.70 to 216.70): E

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: 84.229 ng

RT: 12.62 min Scan# 1638

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

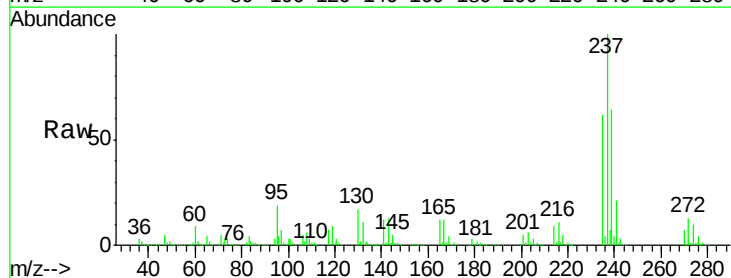
Tgt Ion:237 Resp: 1204603

Ion Ratio Lower Upper

237 100

235 62.0 42.1 82.1

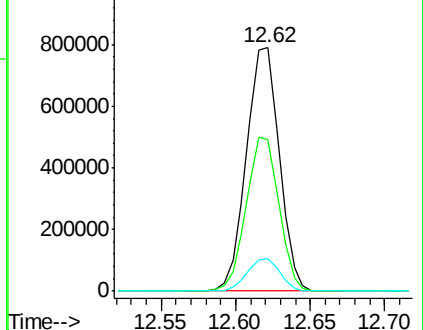
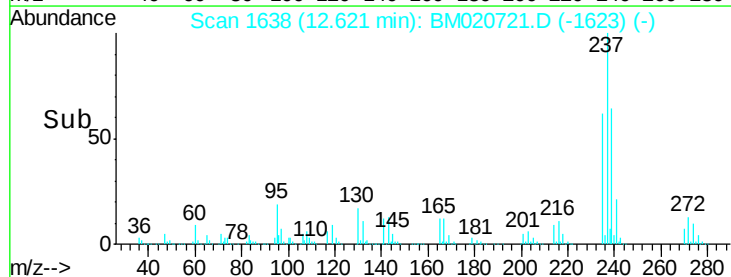
272 13.5 0.0 33.5

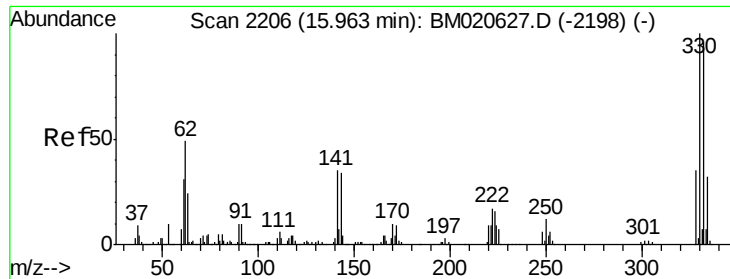


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

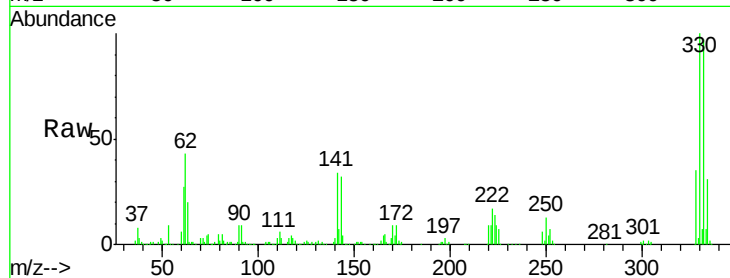




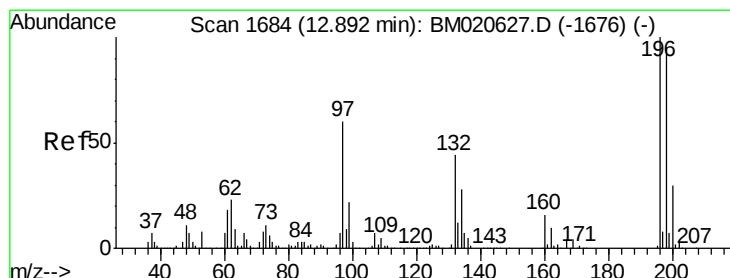
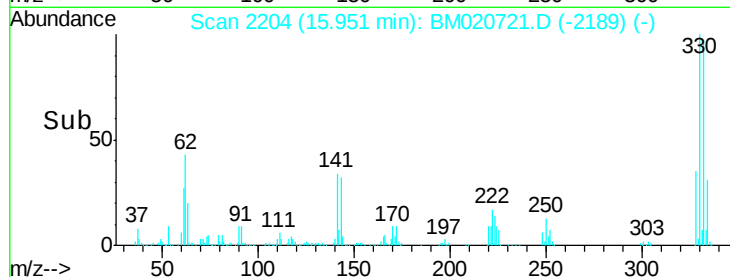
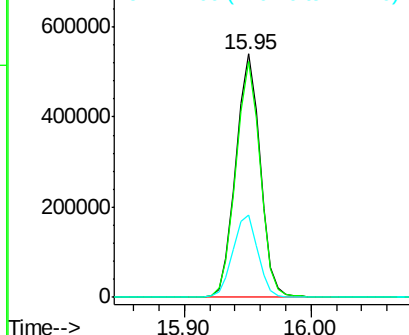
#42
 2,4,6-Tribromophenol
 Concen: 79.220 ng
 RT: 15.95 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:330 Resp: 716209
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 35.0 30.4 45.6

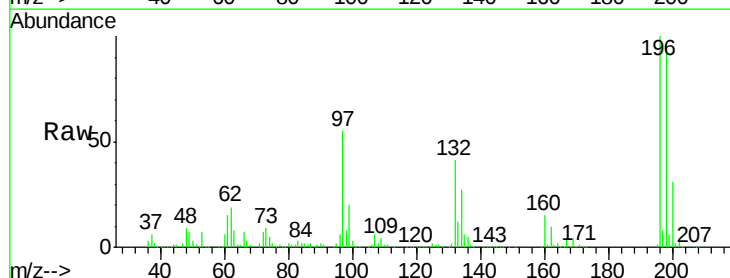


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

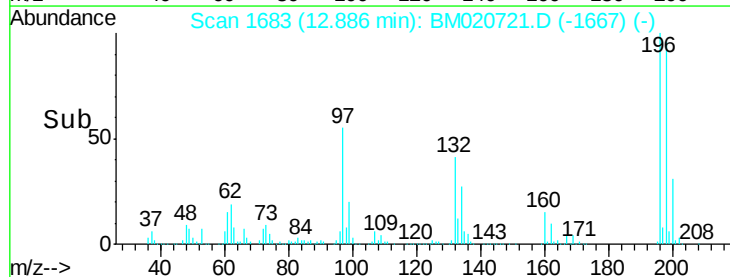
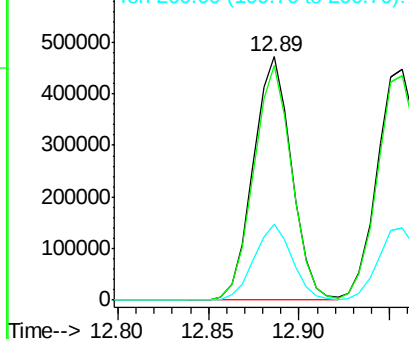


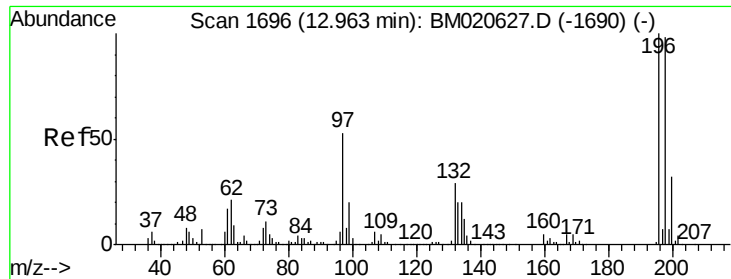
#43
 2,4,6-Trichlorophenol
 Concen: 45.028 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:196 Resp: 693067
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.7 113.5
 200 31.2 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

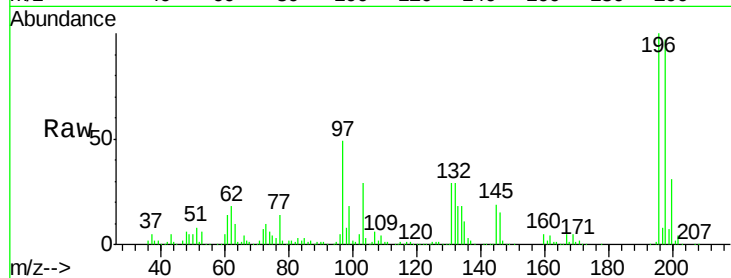




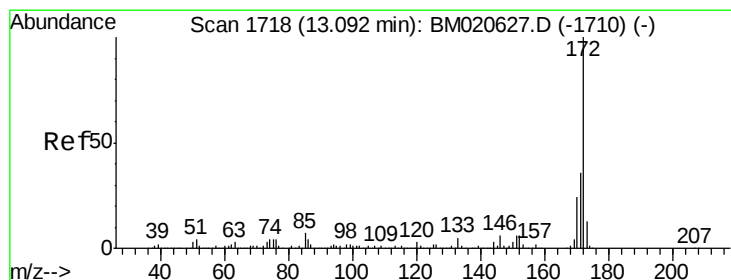
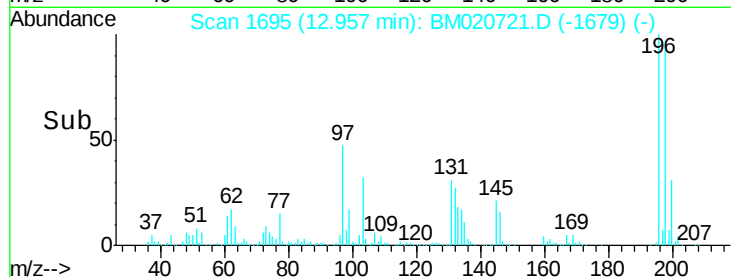
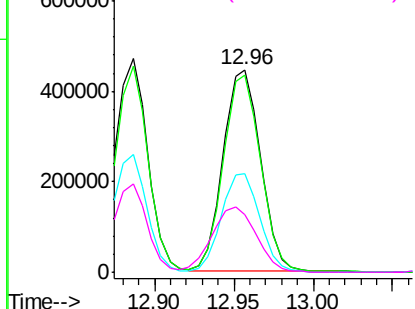
#44
 2,4,5-Trichlorophenol
 Concen: 45.948 ng
 RT: 12.96 min Scan# 1695
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.1	78.6	117.8
97	48.7	42.7	64.1
132	28.6	23.4	35.0

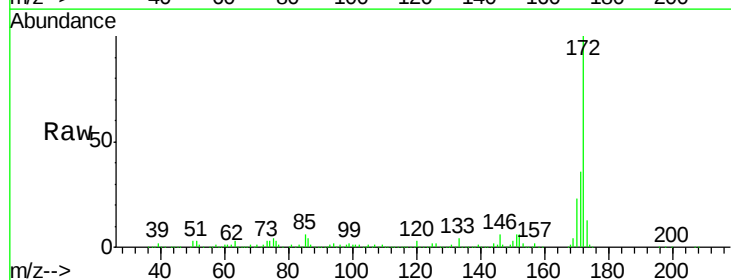


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

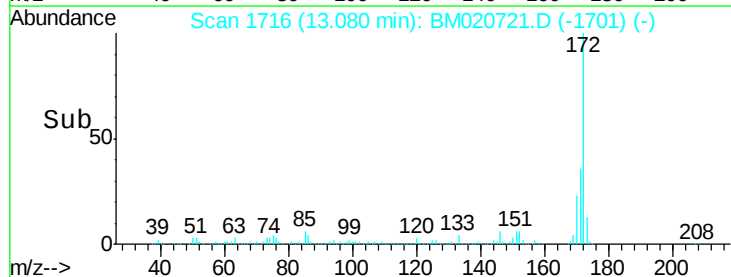
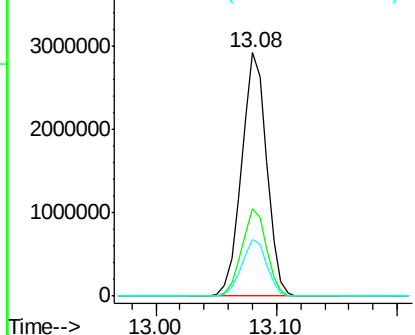


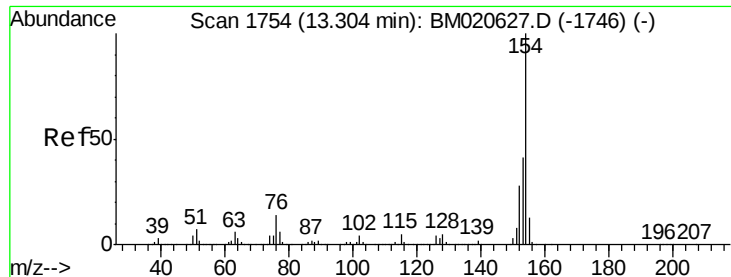
#45
 2-Fluorobiphenyl
 Concen: 76.813 ng
 RT: 13.08 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	23.3	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

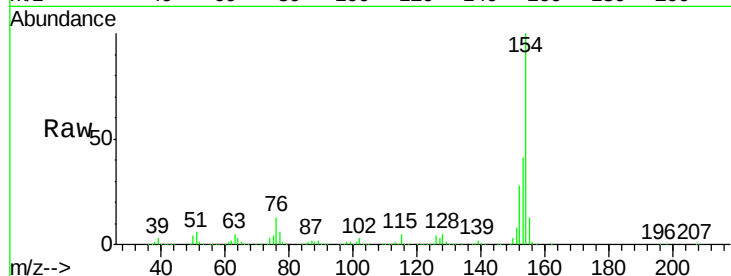




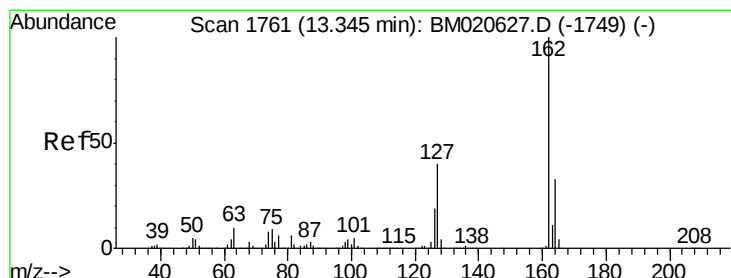
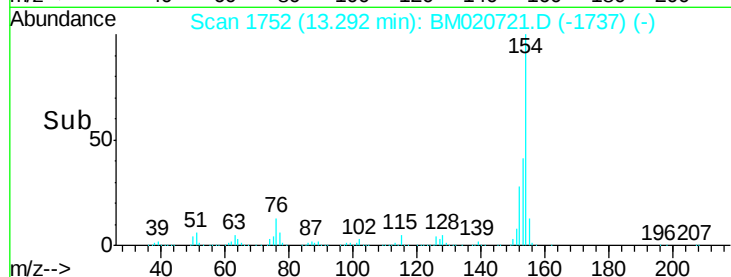
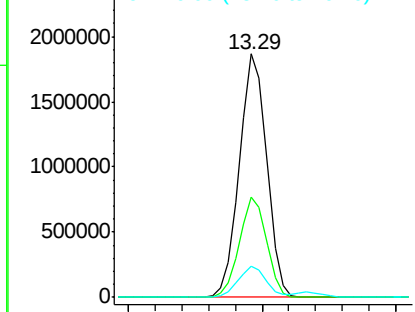
#46
 1,1'-Biphenyl
 Concen: 43.416 ng
 RT: 13.29 min Scan# 1752
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion:154 Resp: 2645844
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.7 60.7
 76 12.8 0.0 34.0

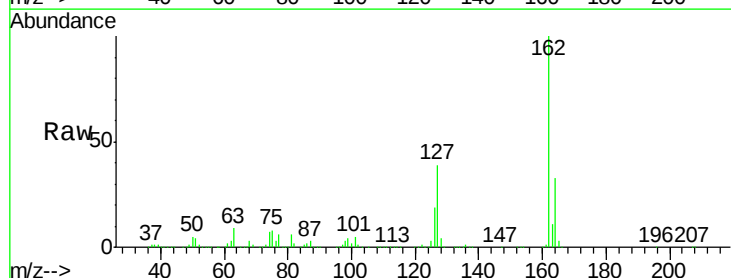


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

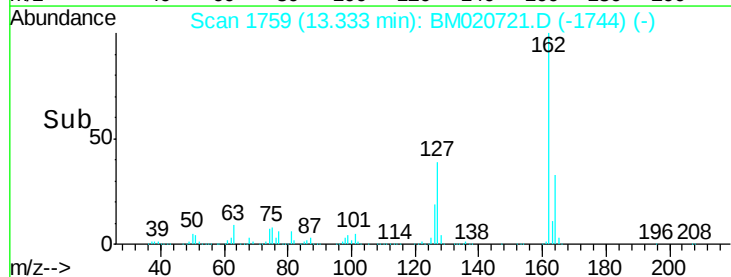
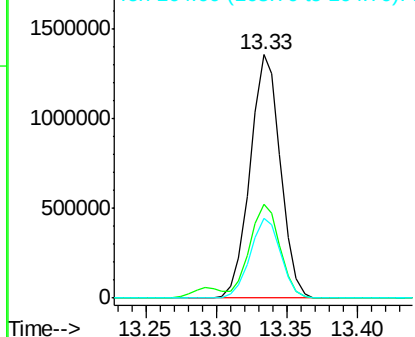


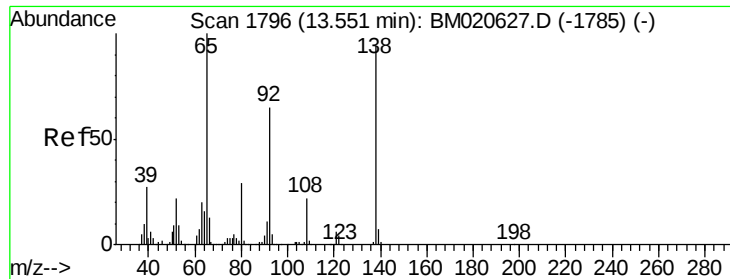
#47
 2-Chloronaphthalene
 Concen: 41.481 ng
 RT: 13.33 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:162 Resp: 2040259
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.1 48.1
 164 32.6 26.6 39.8



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

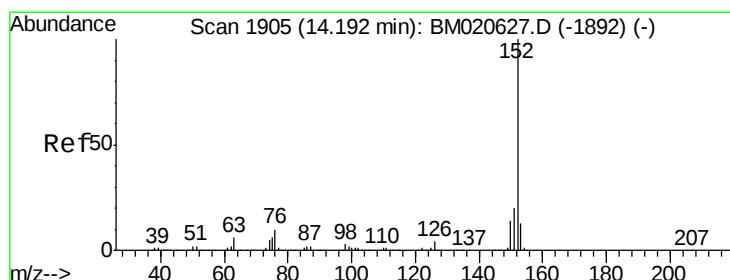
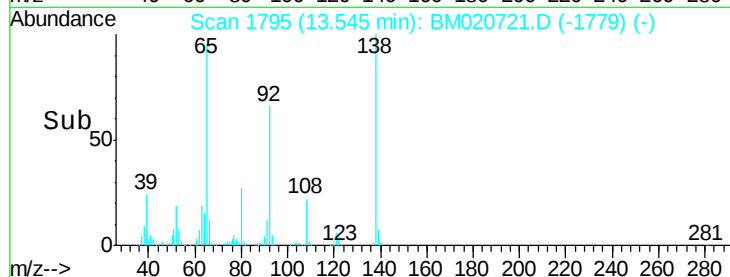
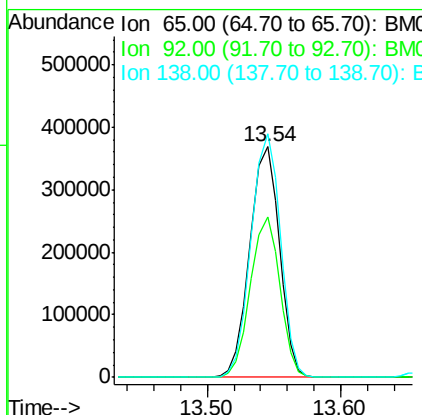
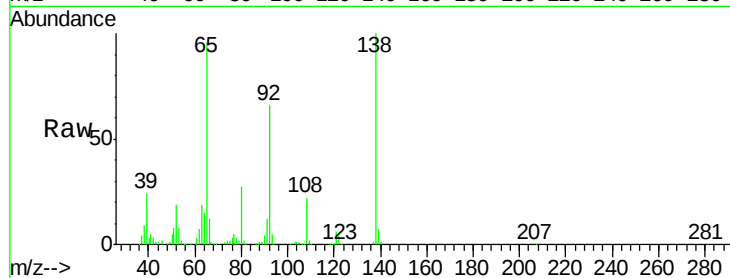




#48
2-Nitroaniline
Concen: 36.772 ng
RT: 13.54 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

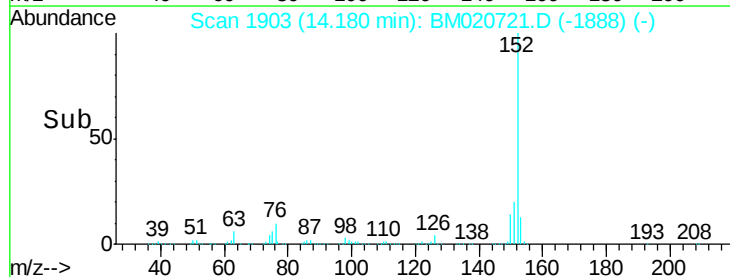
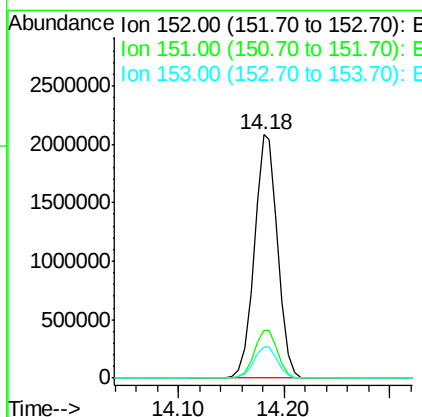
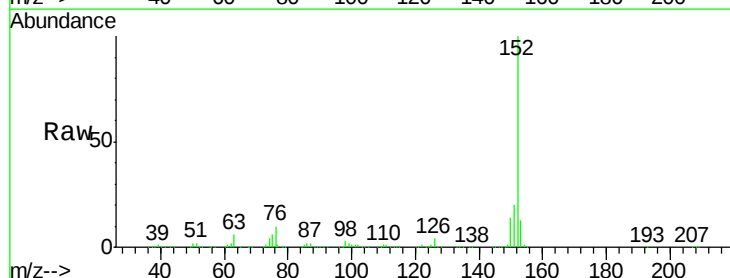
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

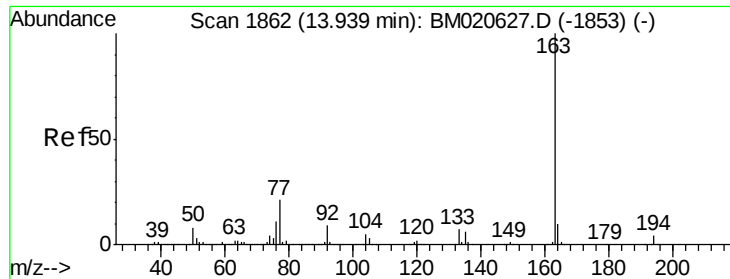
Tgt Ion: 65 Resp: 567659
Ion Ratio Lower Upper
65 100
92 69.6 52.2 78.4
138 105.6 75.4 113.0



#49
Acenaphthylene
Concen: 41.431 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion: 152 Resp: 3179595
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.0 10.6 15.8





#50

Dimethylphthalate

Concen: 39.012 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

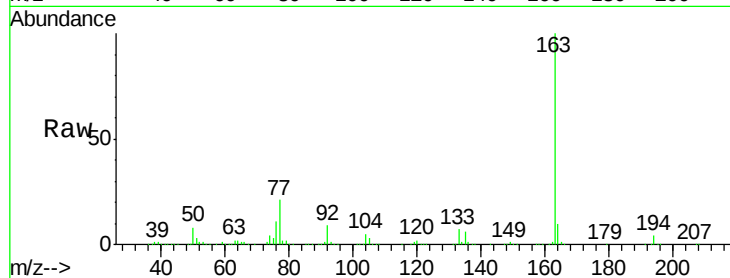
Tgt Ion:163 Resp: 2432065

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

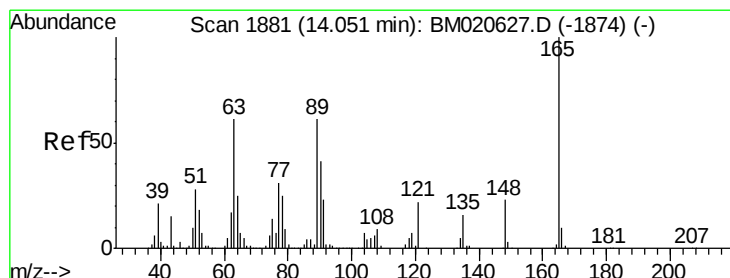
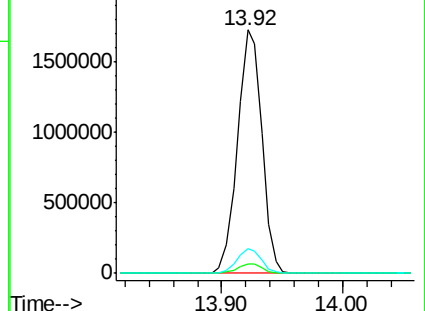
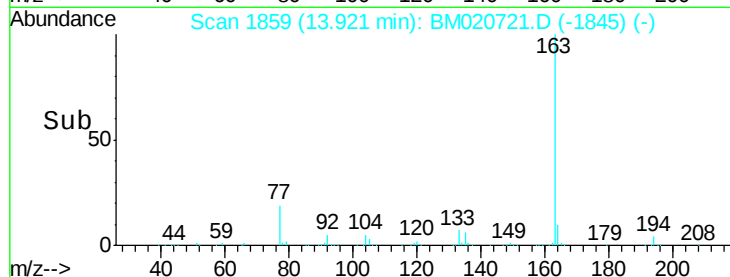
164 10.2 7.9 11.9



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: 41.618 ng

RT: 14.04 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

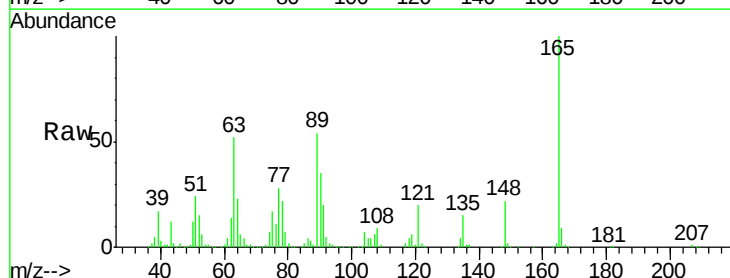
Tgt Ion:165 Resp: 526811

Ion Ratio Lower Upper

165 100

63 51.9 50.4 75.6

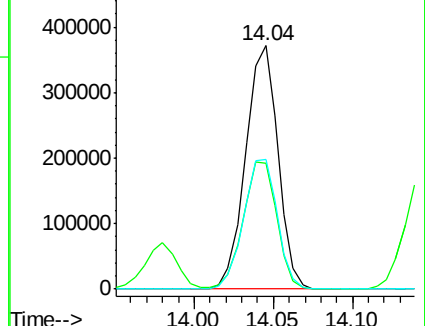
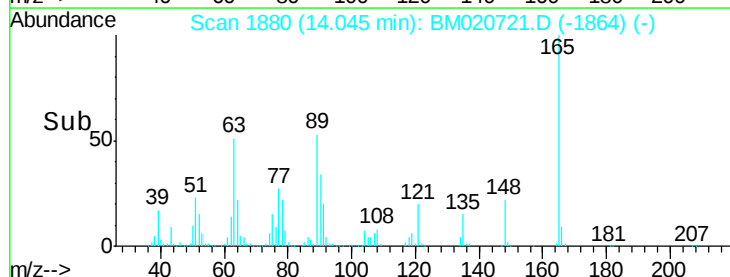
89 53.5 49.1 73.7

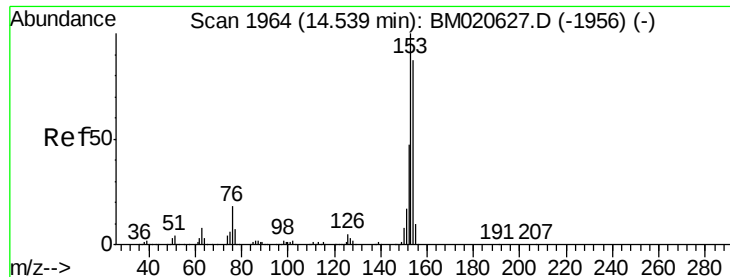


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#52

Acenaphthene

Concen: 40.737 ng

RT: 14.53 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

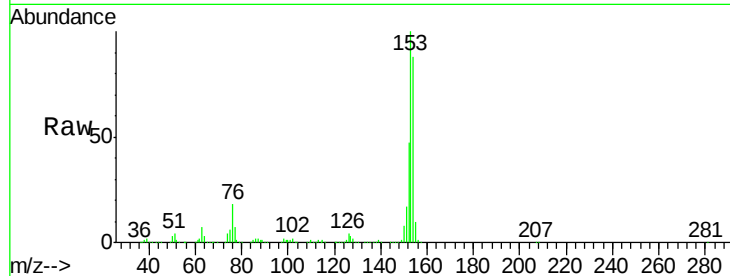
Tgt Ion:154 Resp: 1863058

Ion Ratio Lower Upper

154 100

153 114.1 92.4 138.6

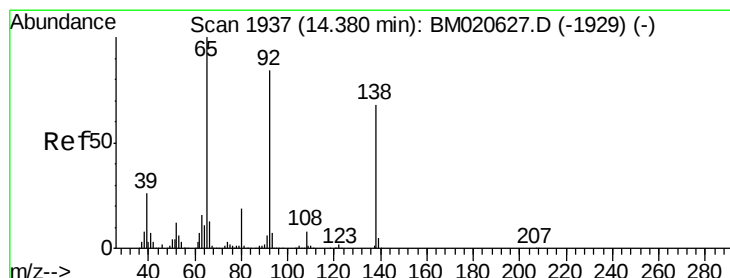
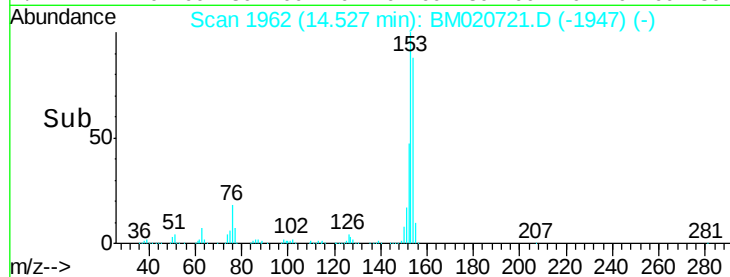
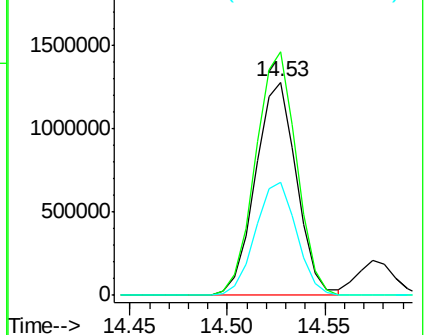
152 53.3 43.4 65.0



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

3-Nitroaniline

Concen: 24.573 ng

RT: 14.37 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

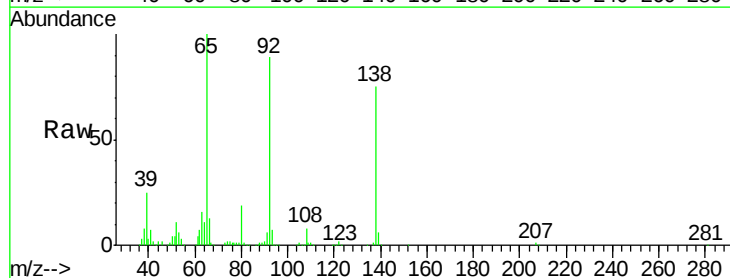
Tgt Ion:138 Resp: 347195

Ion Ratio Lower Upper

138 100

108 11.1 9.5 14.3

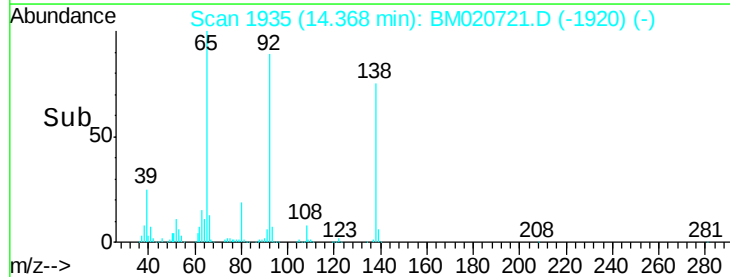
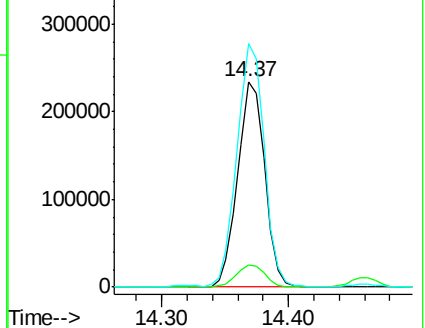
92 118.6 99.6 149.4

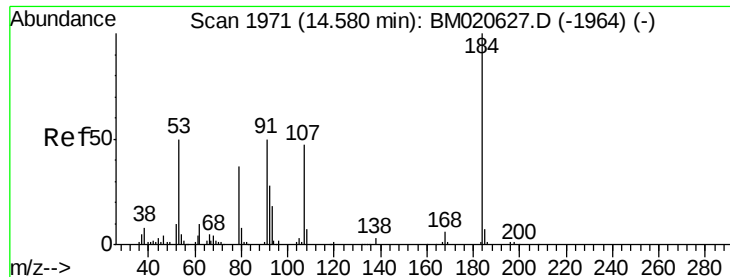


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

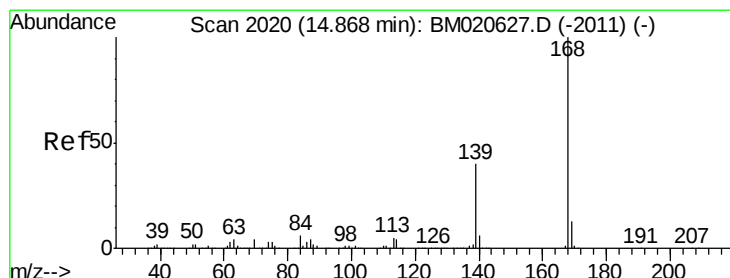
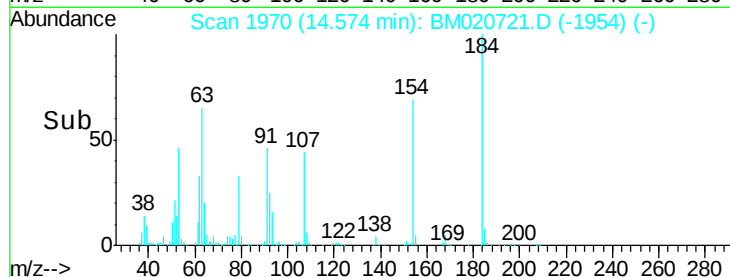
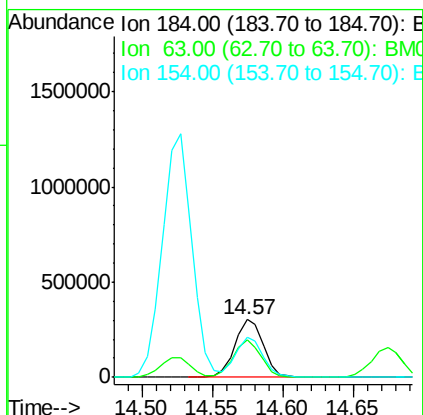
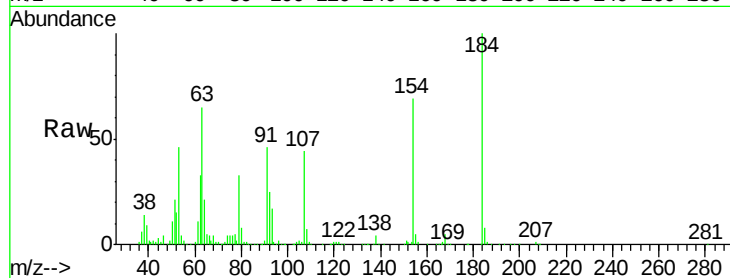




#54
2,4-Dinitrophenol
Concen: 78.563 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

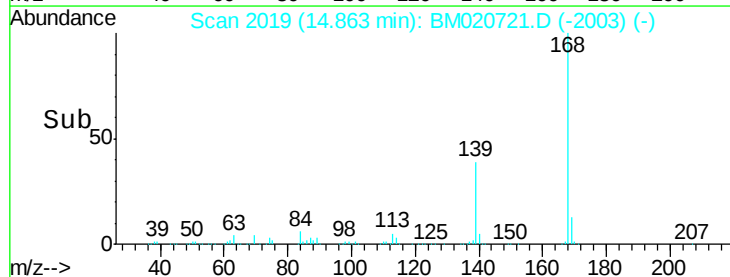
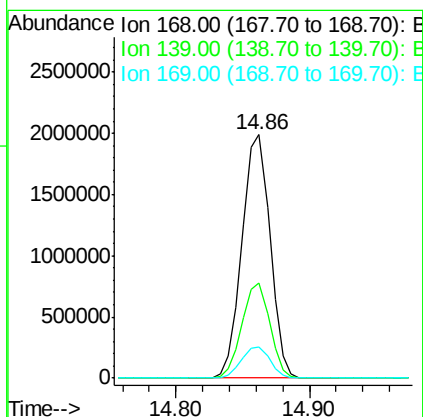
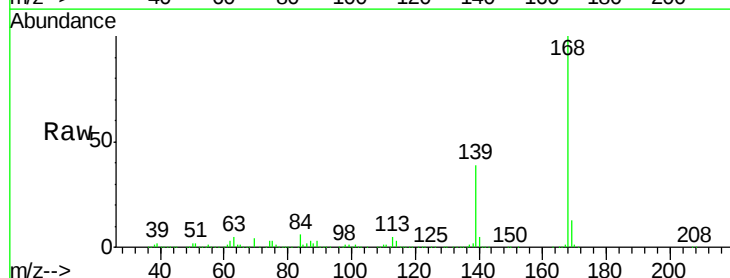
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

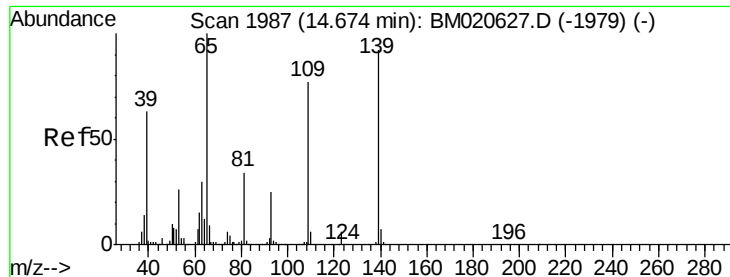
Tgt Ion:184 Resp: 427046
Ion Ratio Lower Upper
184 100
63 65.4 59.3 88.9
154 69.1 56.5 84.7



#55
Dibenzofuran
Concen: 40.709 ng
RT: 14.86 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion:168 Resp: 2891639
Ion Ratio Lower Upper
168 100
139 39.2 31.9 47.9
169 12.9 10.7 16.1





#56

4-Nitrophenol

Concen: 77.021 ng

RT: 14.67 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

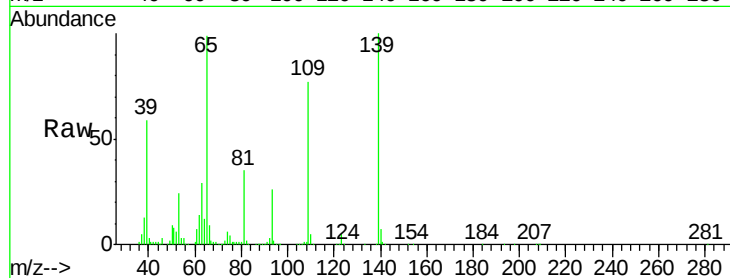
Tgt Ion:139 Resp: 801914

Ion Ratio Lower Upper

139 100

109 77.0 62.7 102.7

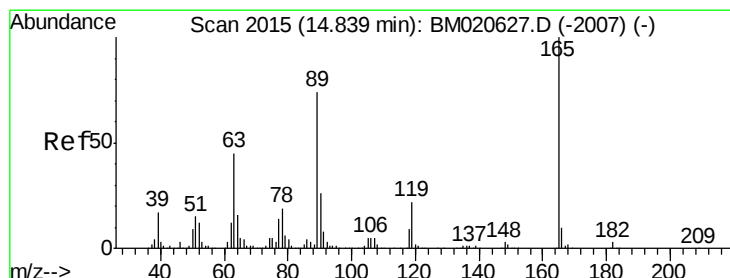
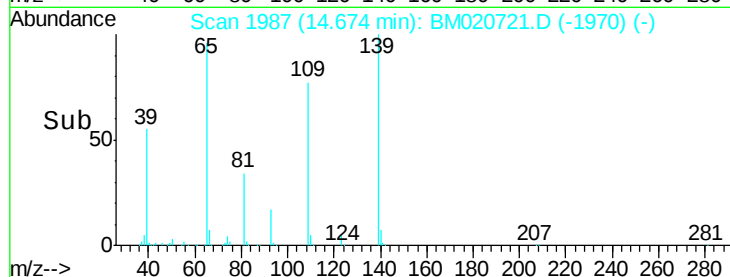
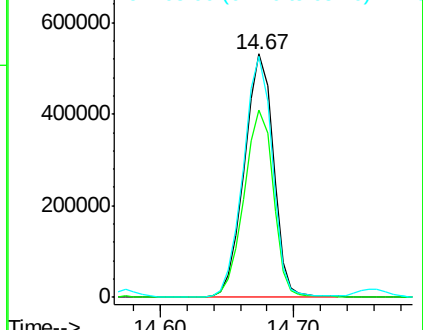
65 99.1 88.3 128.3



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): BM



#57

2,4-Dinitrotoluene

Concen: 39.926 ng

RT: 14.83 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:165 Resp: 676701

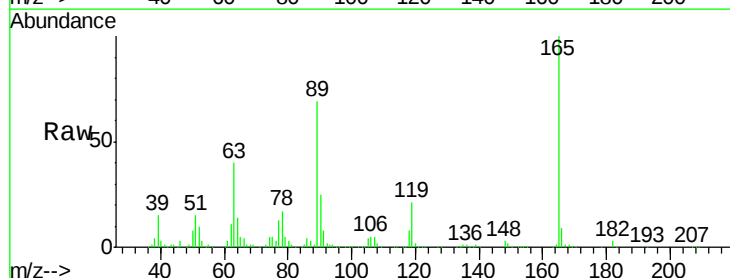
Ion Ratio Lower Upper

165 100

63 40.3 36.3 54.5

89 68.8 59.0 88.6

182 2.8 2.2 3.4

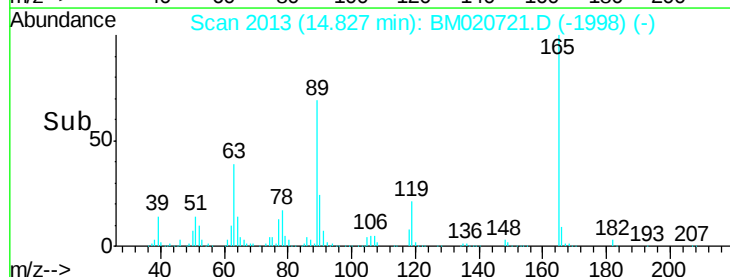
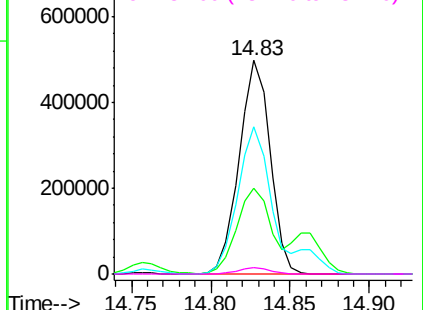


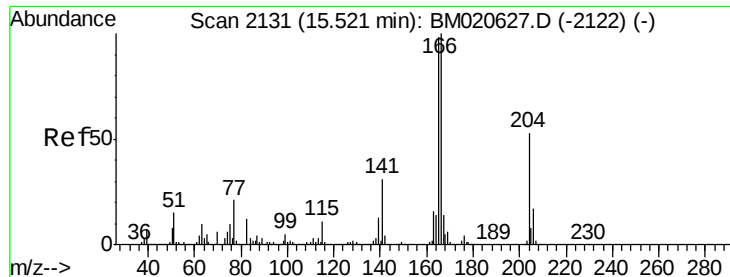
Abundance Ion 165.00 (164.70 to 165.70): E

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: 39.219 ng

RT: 15.51 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

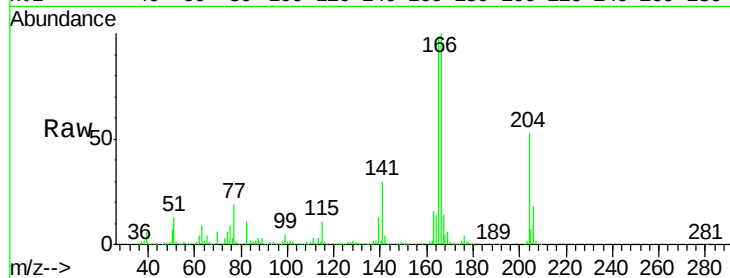
Tgt Ion:166 Resp: 2290910

Ion Ratio Lower Upper

166 100

165 98.1 78.6 117.8

167 13.7 11.0 16.4

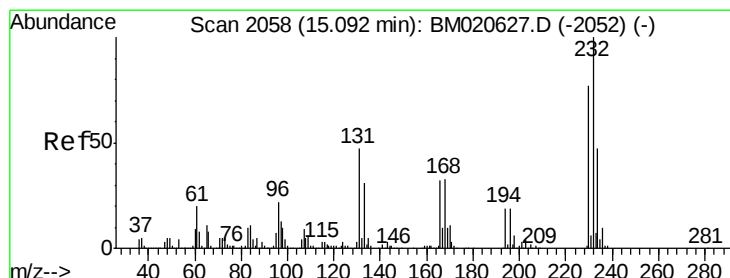
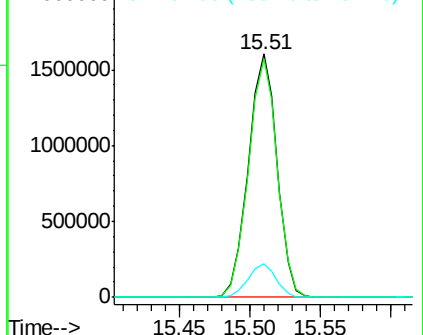
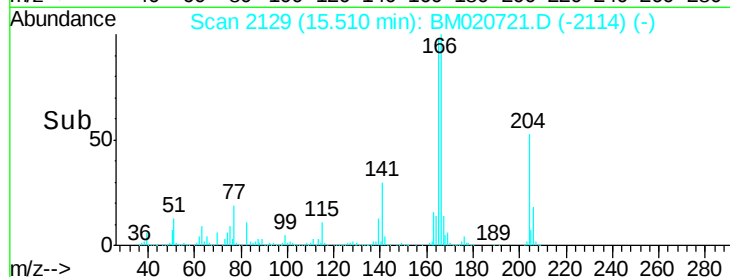


Abundance

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: 44.161 ng

RT: 15.08 min Scan# 2056

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion:232 Resp: 611488

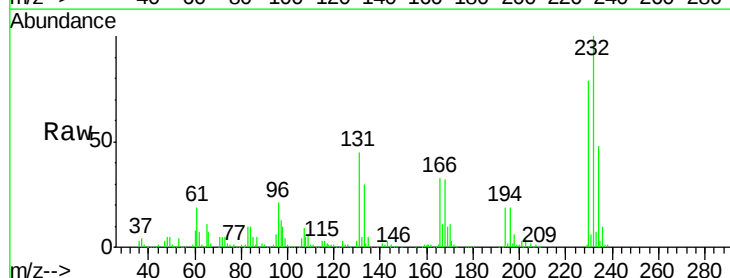
Ion Ratio Lower Upper

232 100

131 44.8 38.6 57.8

130 2.6 2.2 3.2

166 32.8 26.6 39.8



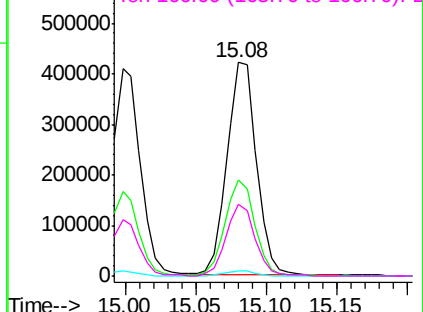
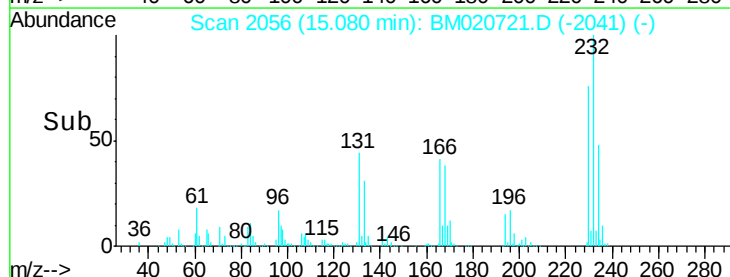
Abundance

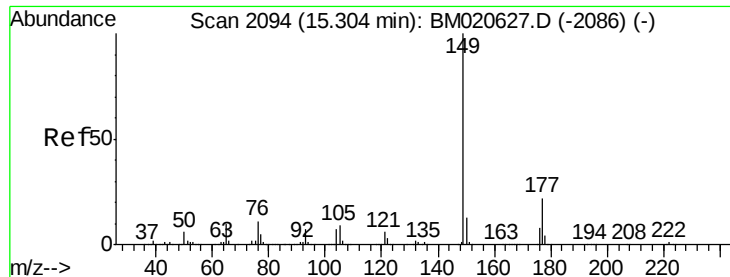
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

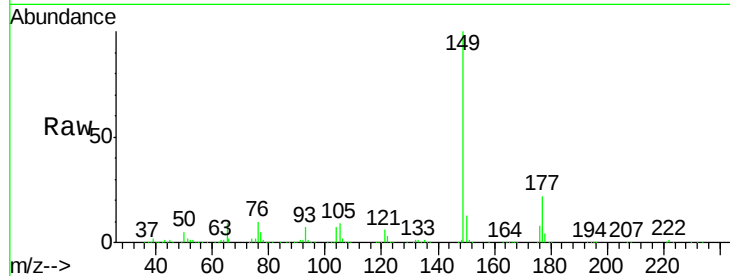




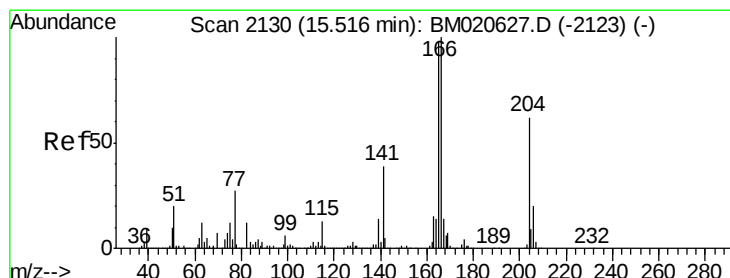
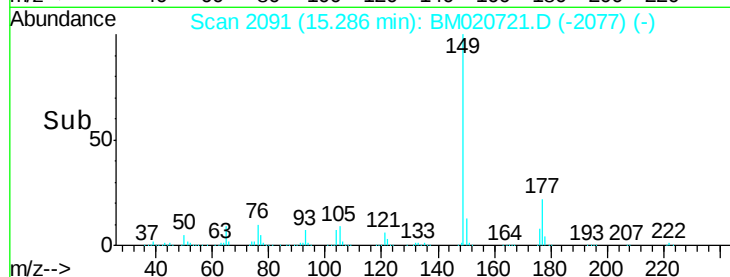
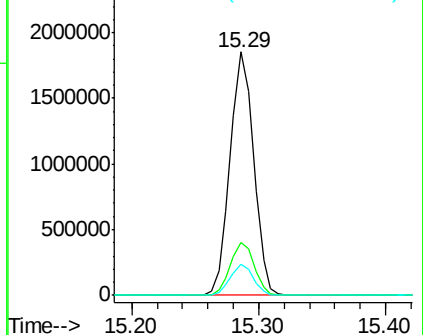
#60
Diethylphthalate
Concen: 37.153 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Instrument :
BNA_M
ClientSampleId :
PB120082BSD

Tgt Ion:149 Resp: 2388744
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.5 10.1 15.1

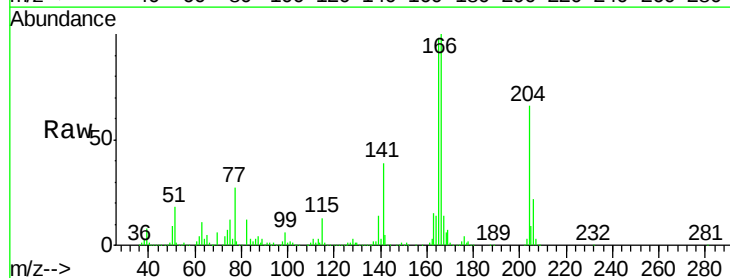


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

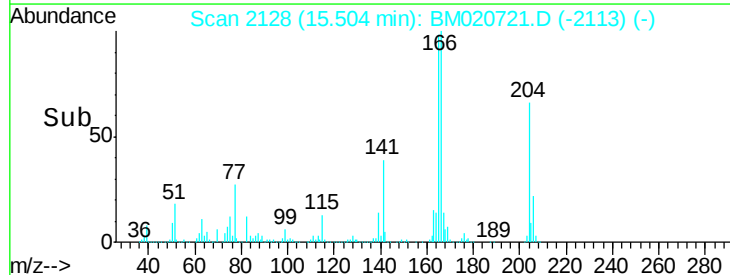
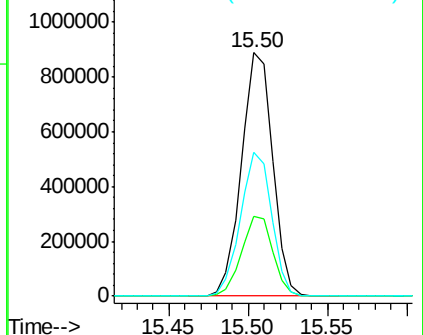


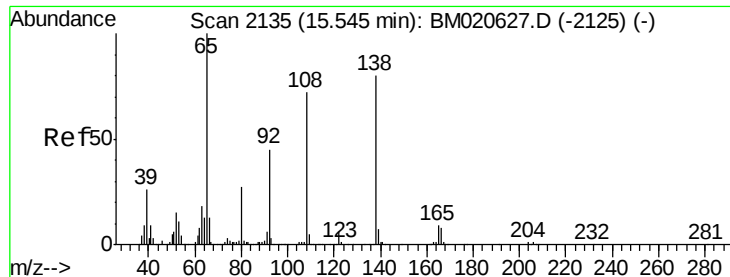
#61
4-Chlorophenyl-phenylether
Concen: 39.311 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion:204 Resp: 1215822
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 59.3 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: 31.362 ng

RT: 15.53 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

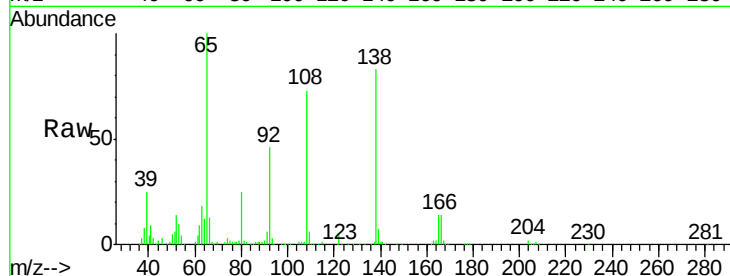
Tgt Ion:138 Resp: 469941

Ion Ratio Lower Upper

138 100

92 54.7 36.7 76.7

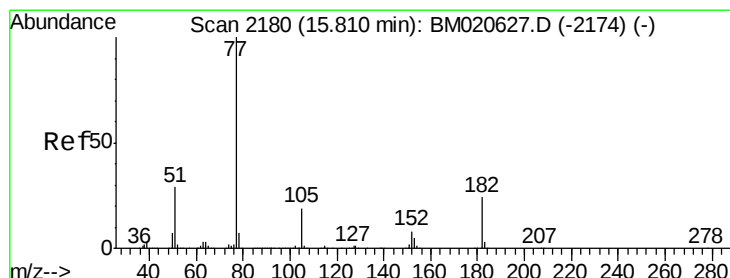
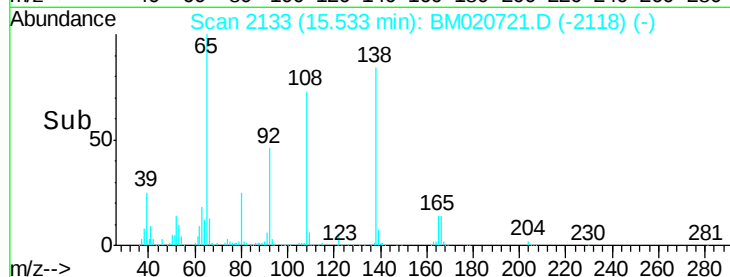
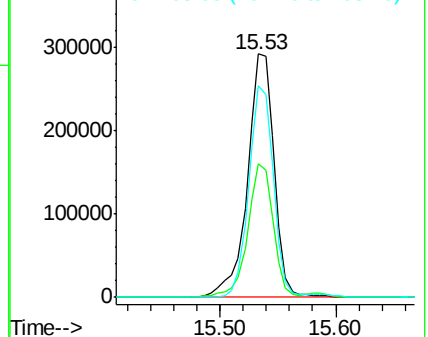
108 86.9 70.3 110.3



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: 35.984 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Tgt Ion: 77 Resp: 2218090

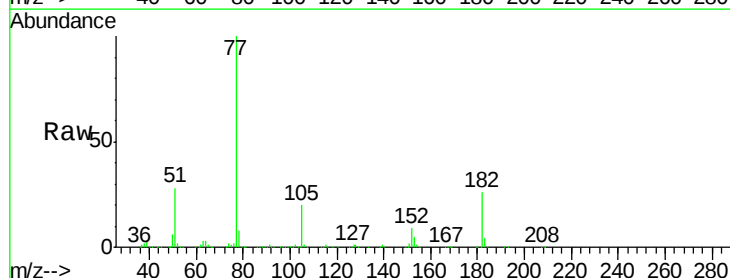
Ion Ratio Lower Upper

77 100

182 26.1 3.6 43.6

105 20.3 0.0 39.4

51 28.0 9.5 49.5

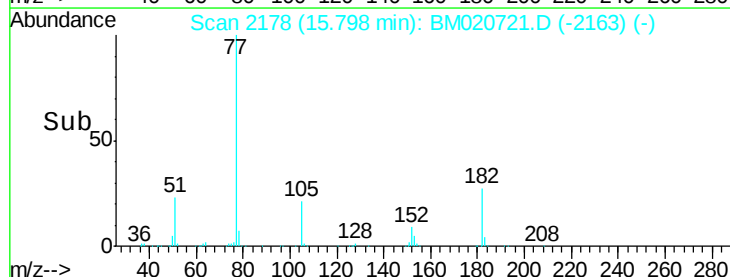
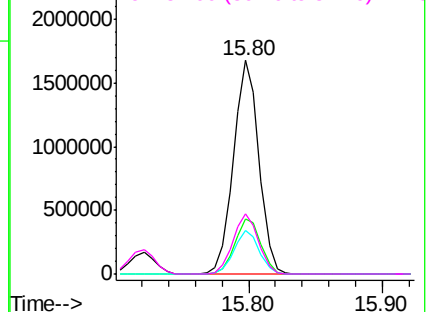


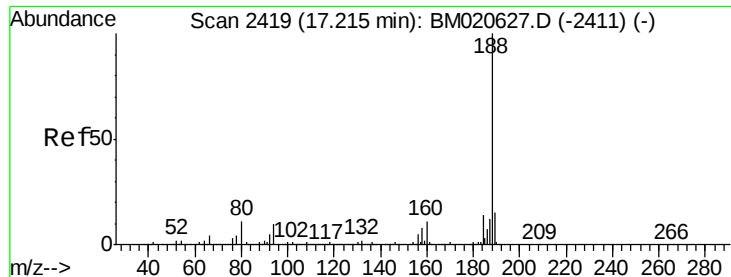
Abundance Ion 77.00 (76.70 to 77.70): BM

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): BM





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

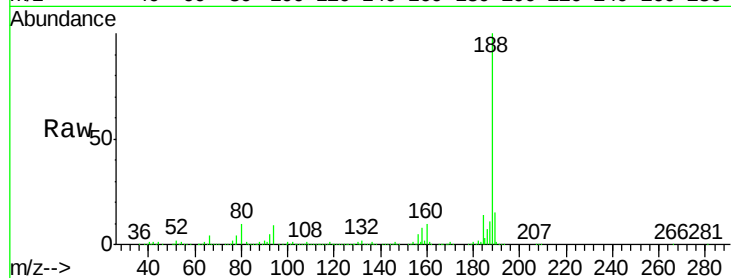
Tgt Ion:188 Resp: 1385433

Ion Ratio Lower Upper

188 100

94 9.2 7.8 11.8

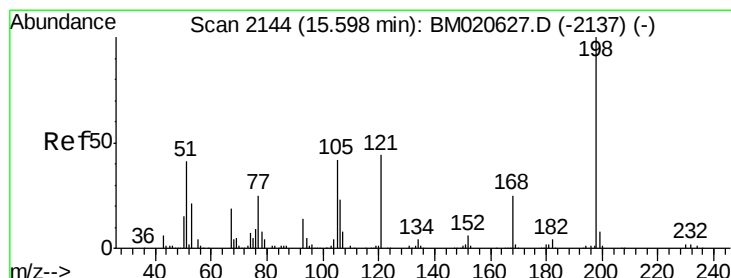
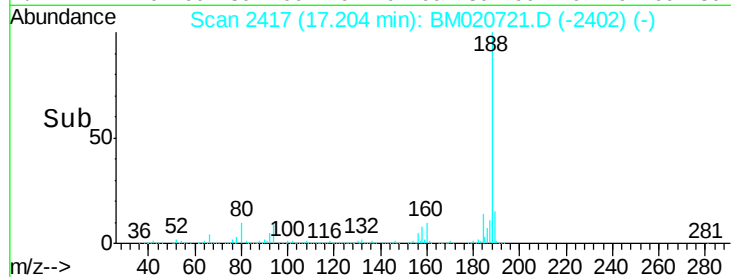
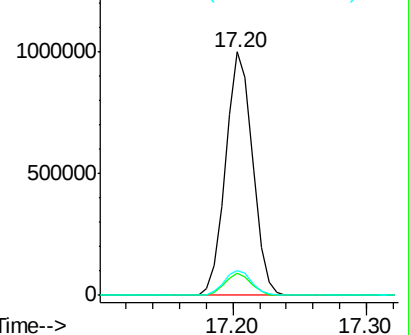
80 10.4 9.0 13.6



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: 42.499 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

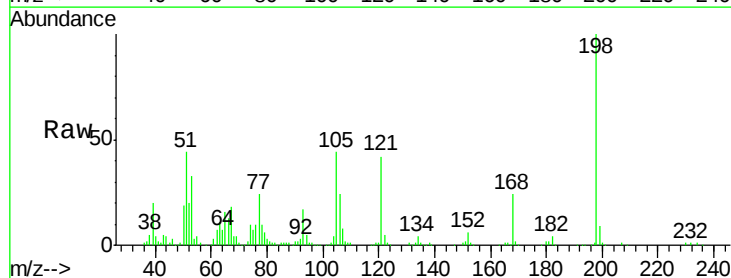
Tgt Ion:198 Resp: 260117

Ion Ratio Lower Upper

198 100

51 43.7 27.7 67.7

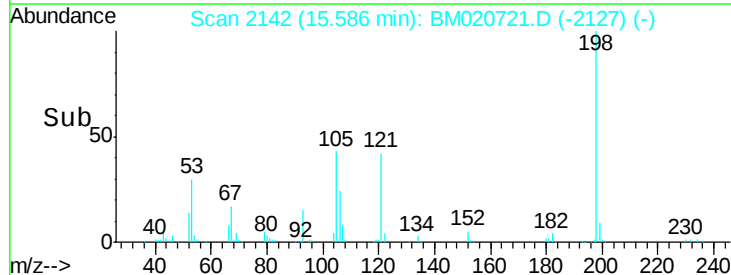
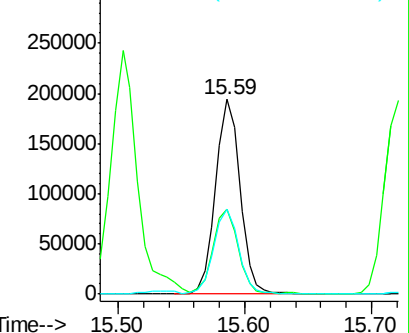
105 43.7 23.8 63.8

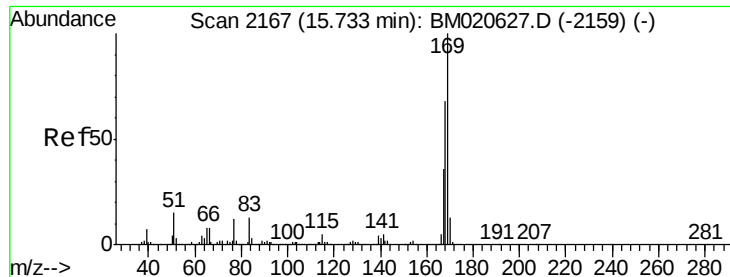


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

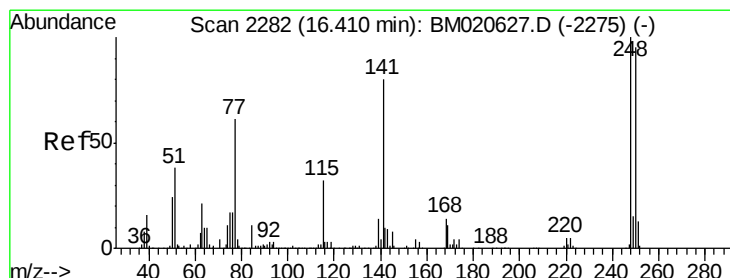
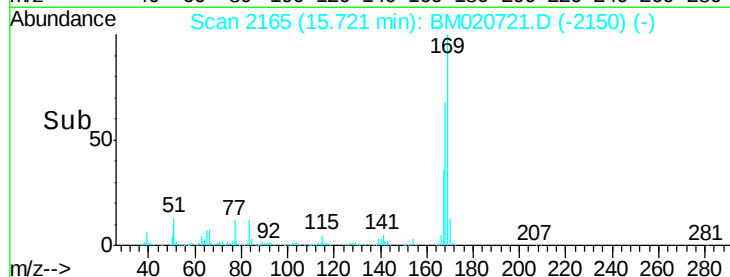
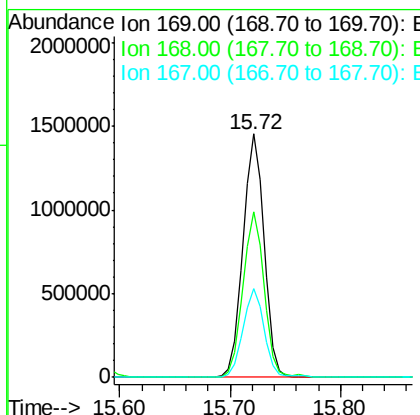
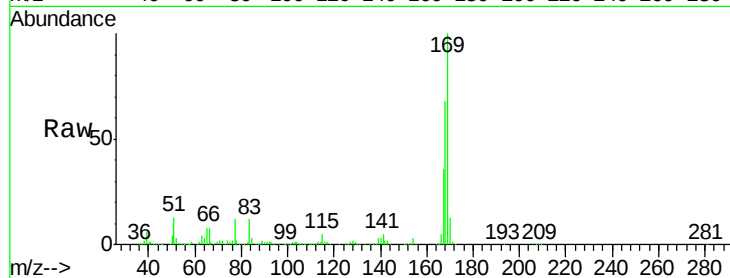




#66
 n-Nitrosodiphenylamine
 Concen: 44.024 ng
 RT: 15.72 min Scan# 2165
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

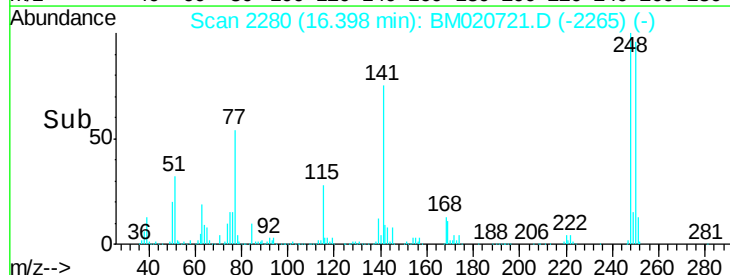
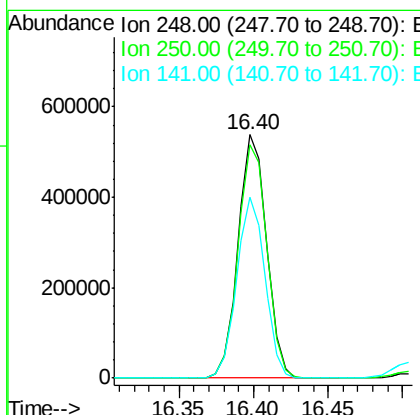
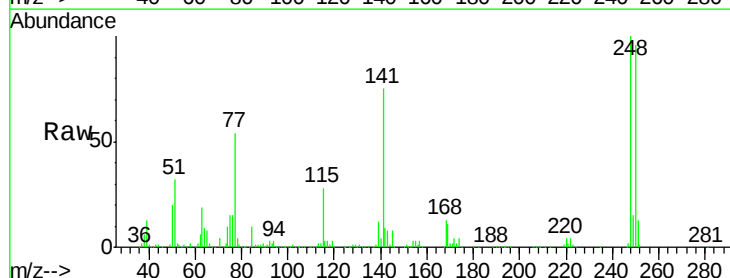
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

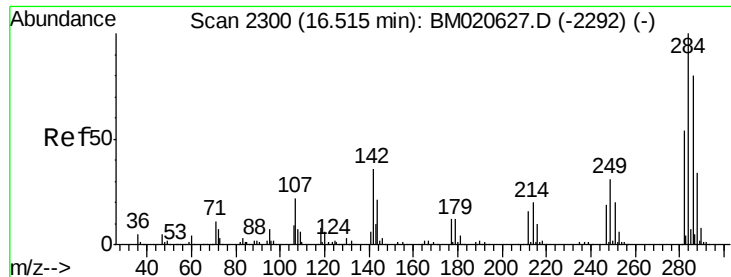
Tgt Ion:169 Resp: 1952492
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.2 81.4
 167 36.3 29.1 43.7



#67
 4-Bromophenyl-phenylether
 Concen: 43.534 ng
 RT: 16.40 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:248 Resp: 710131
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.3 114.5
 141 74.5 64.2 96.2





#68

Hexachlorobenzene

Concen: 42.325 ng

RT: 16.50 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

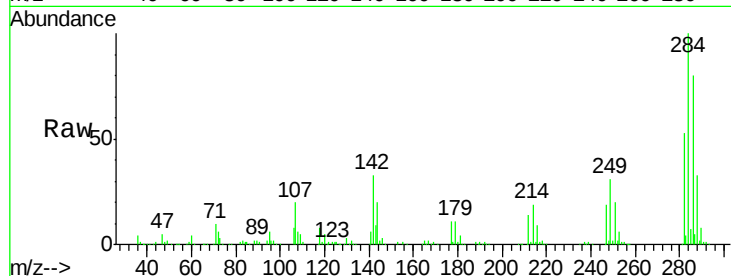
Tgt Ion:284 Resp: 806203

Ion Ratio Lower Upper

284 100

142 33.1 28.6 42.8

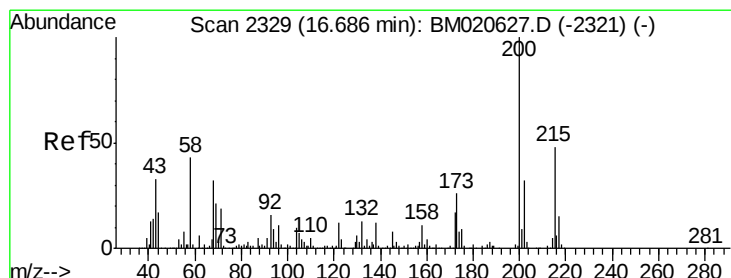
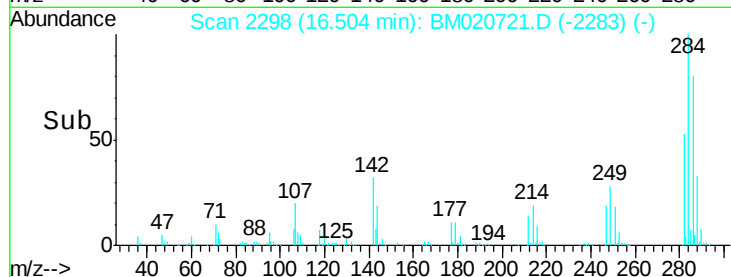
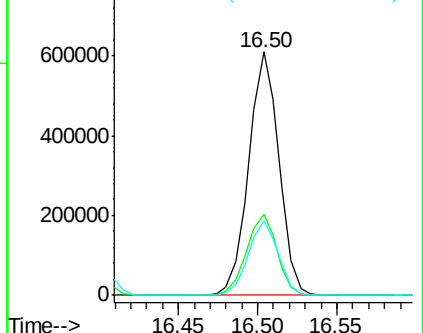
249 30.6 25.0 37.4



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: 43.021 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

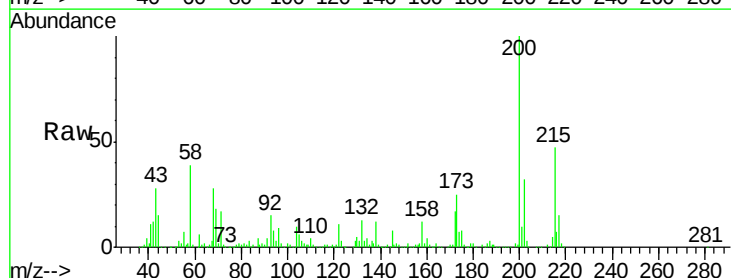
Tgt Ion:200 Resp: 569463

Ion Ratio Lower Upper

200 100

173 25.3 6.2 46.2

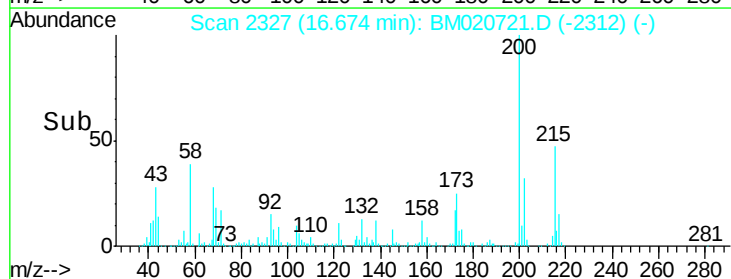
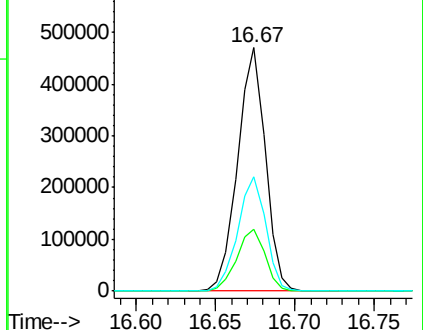
215 46.9 27.7 67.7

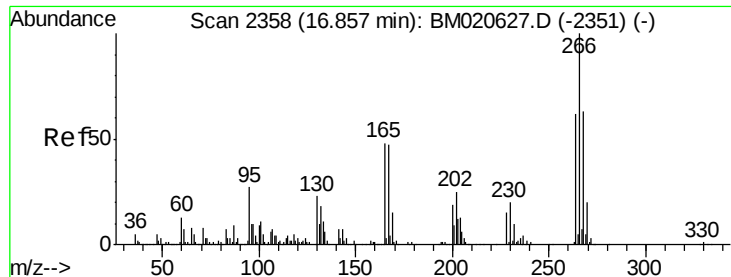


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

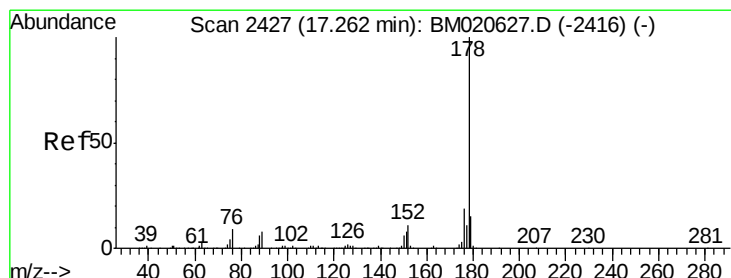
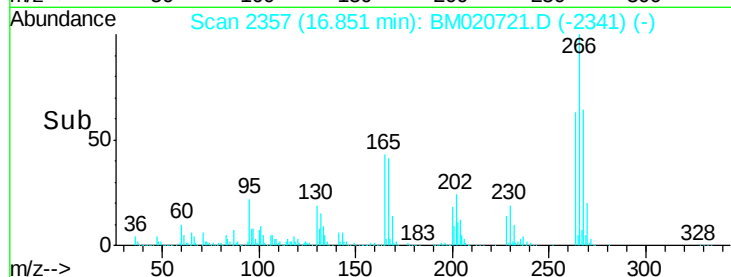
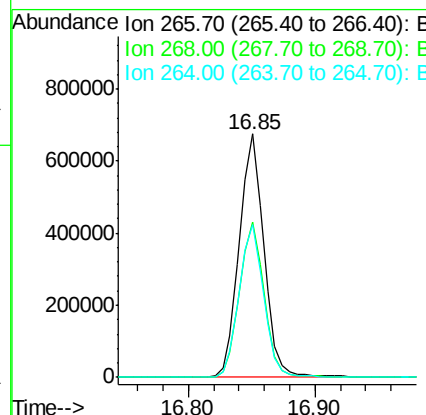
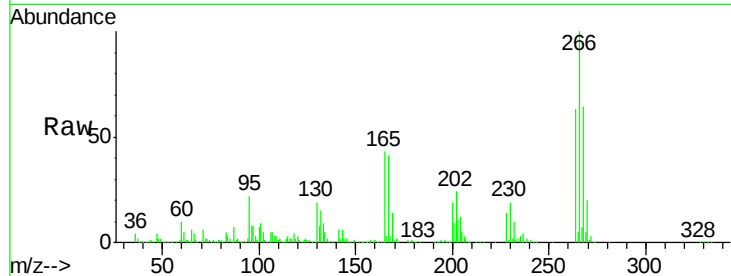




#70
 Pentachlorophenol
 Concen: 99.716 ng
 RT: 16.85 min Scan# 2357
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

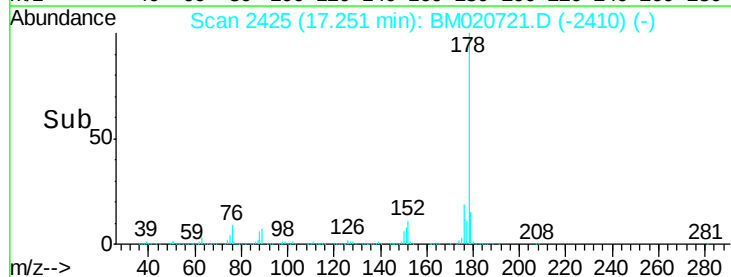
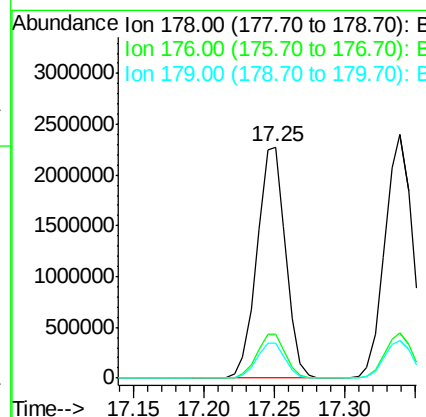
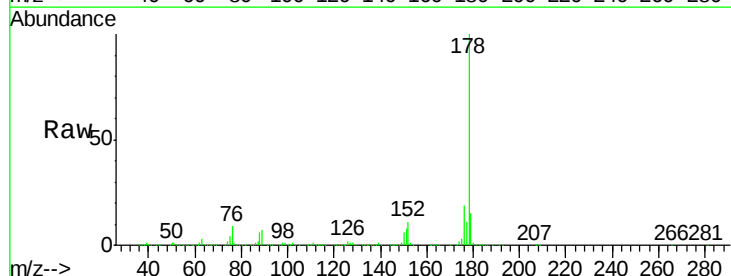
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

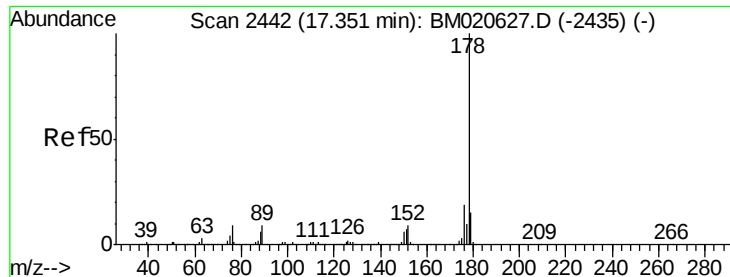
Tgt Ion:266 Resp: 906118
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.6 75.8
 264 62.9 49.6 74.4



#71
 Phenanthrene
 Concen: 41.250 ng
 RT: 17.25 min Scan# 2425
 Delta R.T. -0.01 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:178 Resp: 3239423
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.5 23.3
 179 15.2 12.2 18.4





#72

Anthracene

Concen: 41.715 ng

RT: 17.34 min Scan# 2440

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

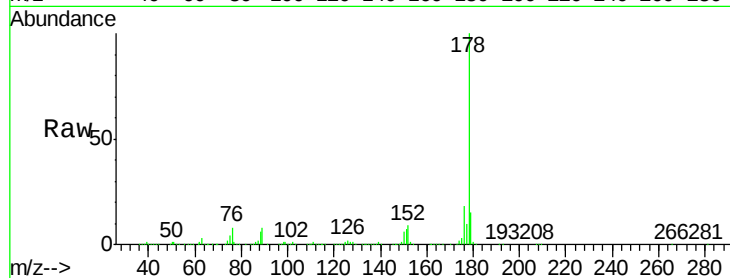
Tgt Ion:178 Resp: 3278805

Ion Ratio Lower Upper

178 100

176 18.5 15.1 22.7

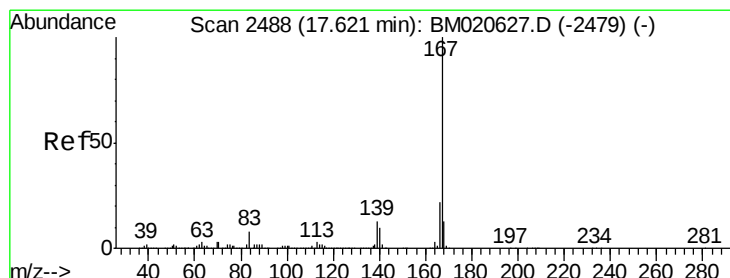
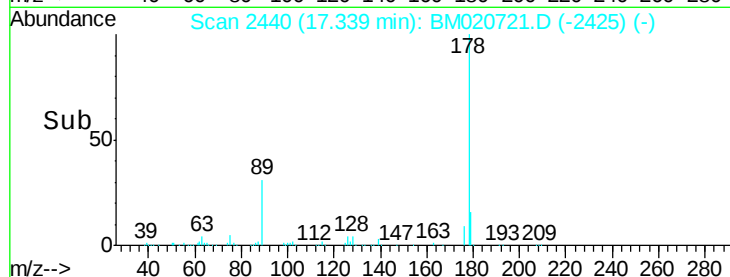
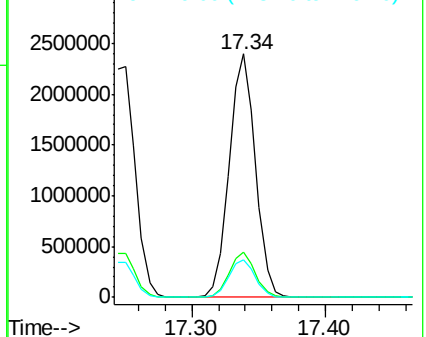
179 15.2 12.3 18.5



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: 38.928 ng

RT: 17.61 min Scan# 2486

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

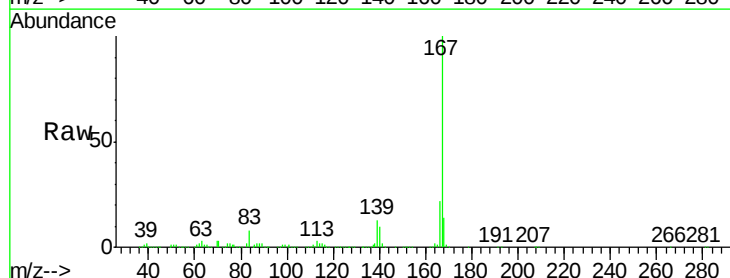
Tgt Ion:167 Resp: 2776600

Ion Ratio Lower Upper

167 100

166 22.1 17.5 26.3

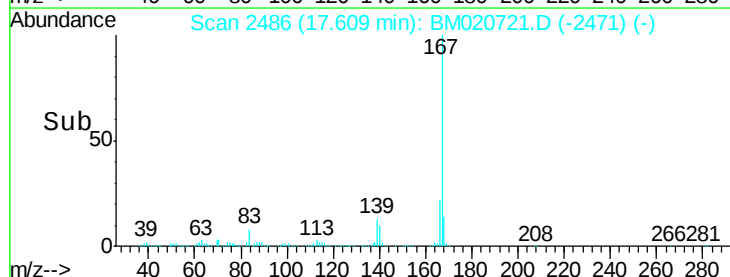
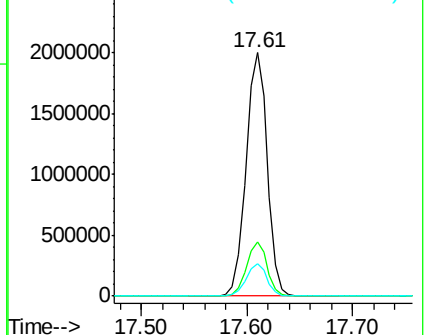
139 13.1 10.6 15.8

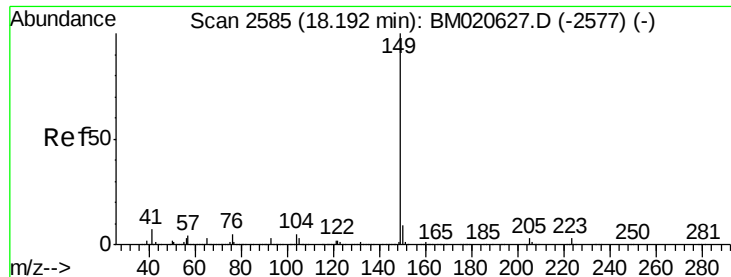


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 38.649 ng

RT: 18.17 min Scan# 2582

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

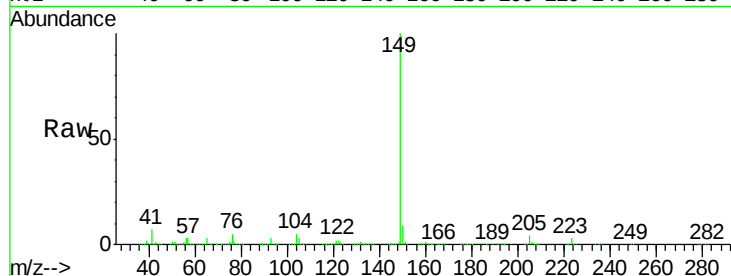
Tgt Ion:149 Resp: 3578541

Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

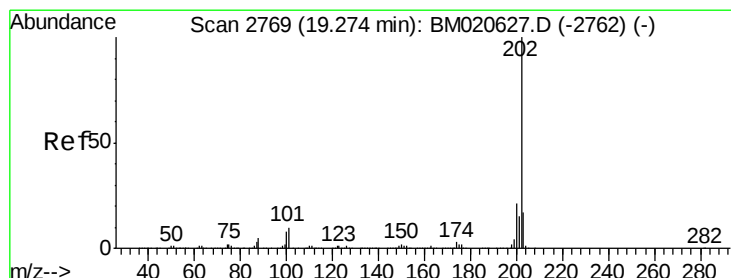
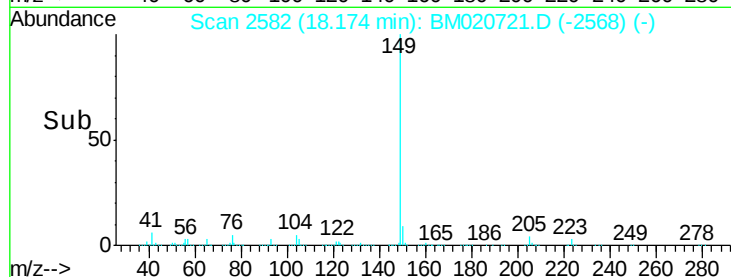
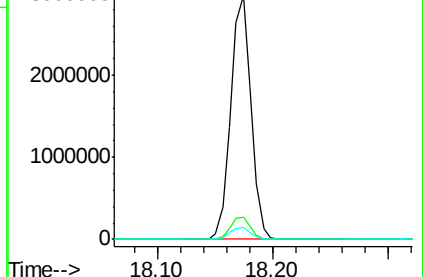
104 5.1 4.2 6.2



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: 38.461 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

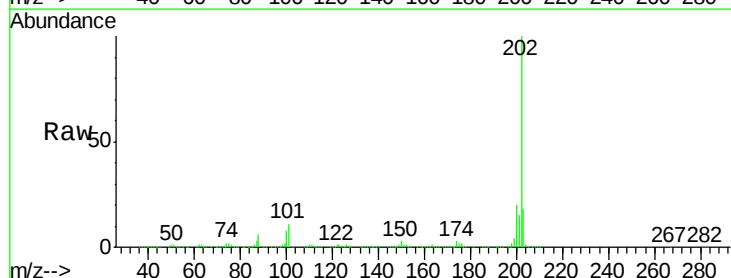
Tgt Ion:202 Resp: 3358863

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.4

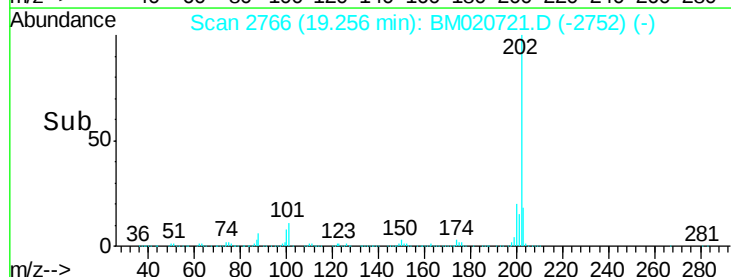
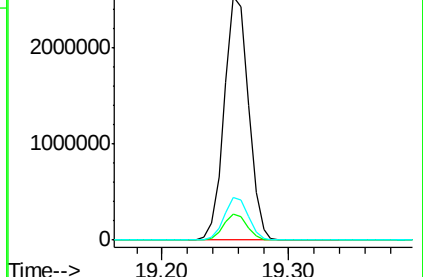
203 17.7 0.0 37.3

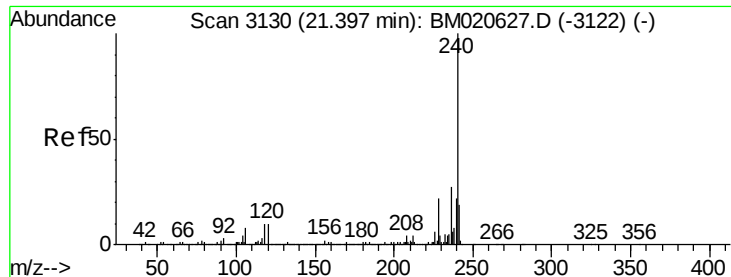


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

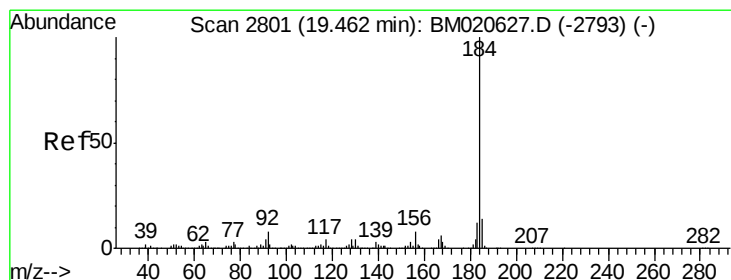
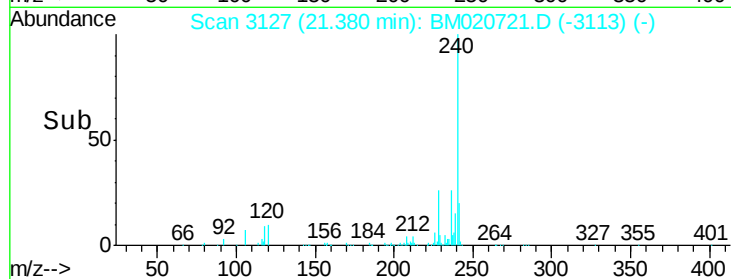
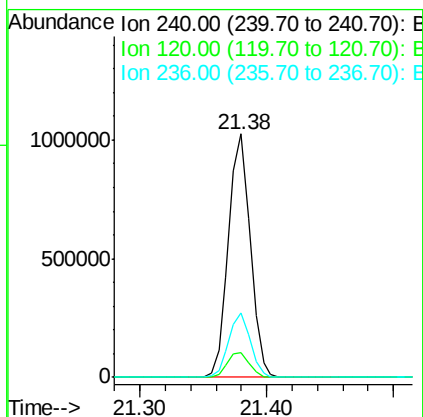
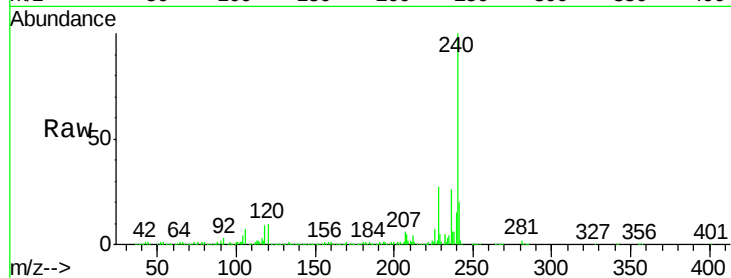




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

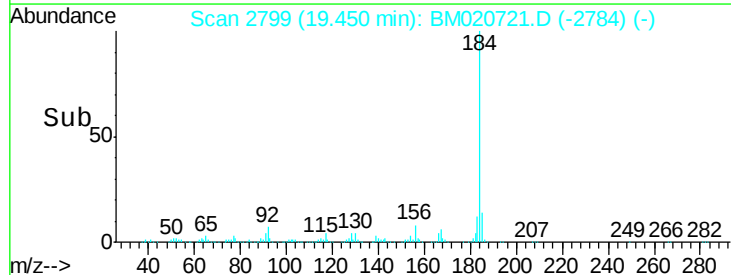
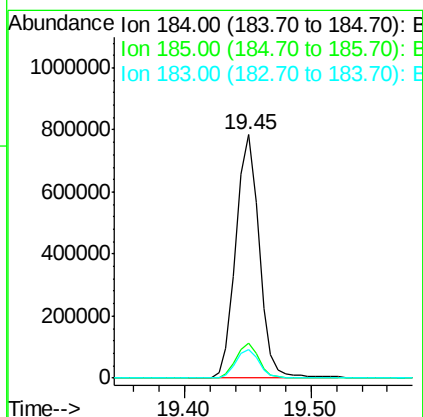
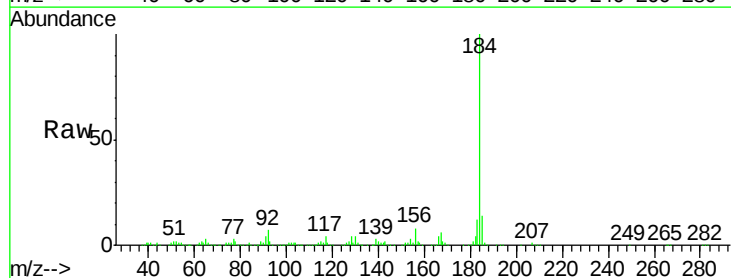
Instrument :
BNA_M
ClientSampleId :
PB120082BSD

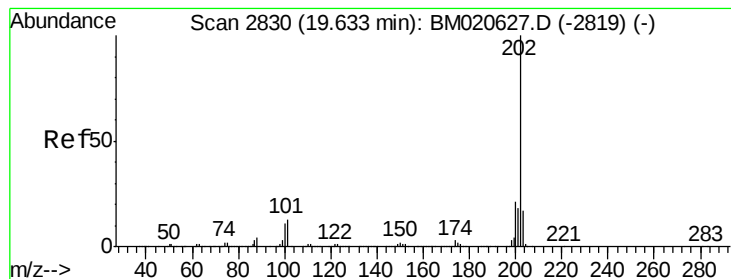
Tgt Ion:240 Resp: 1224348
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.2
236 26.3 21.2 31.8



#77
Benzidine
Concen: 26.946 ng
RT: 19.45 min Scan# 2799
Delta R.T. -0.01 min
Lab File: BM020721.D
Acq: 05 Jun 2019 03:54

Tgt Ion:184 Resp: 999674
Ion Ratio Lower Upper
184 100
185 14.2 11.3 16.9
183 11.9 9.8 14.6





#78

Pyrene

Concen: 35.743 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

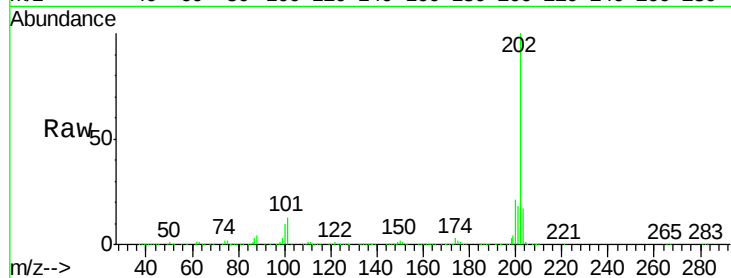
Tgt Ion:202 Resp: 3358248

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

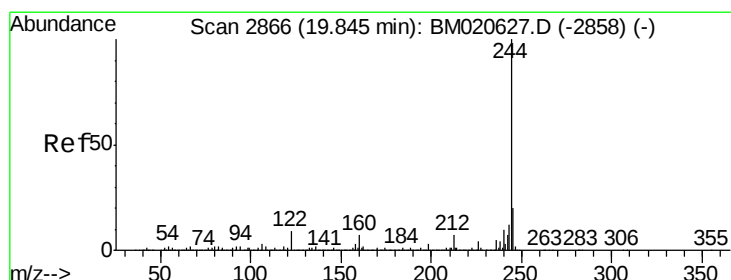
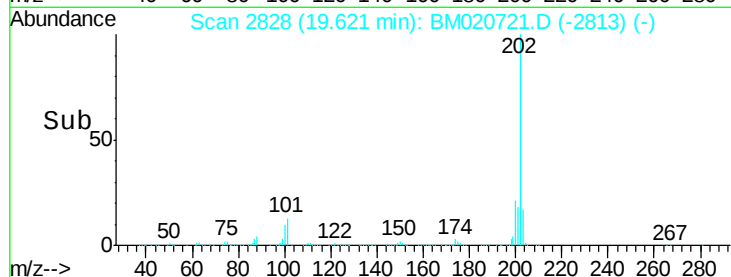
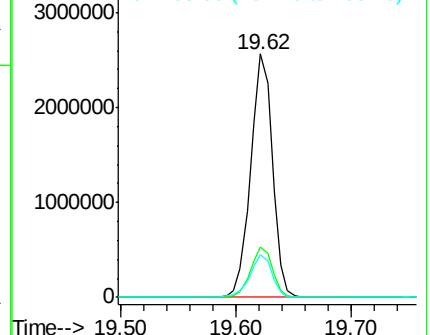
203 17.3 13.9 20.9



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: 65.547 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

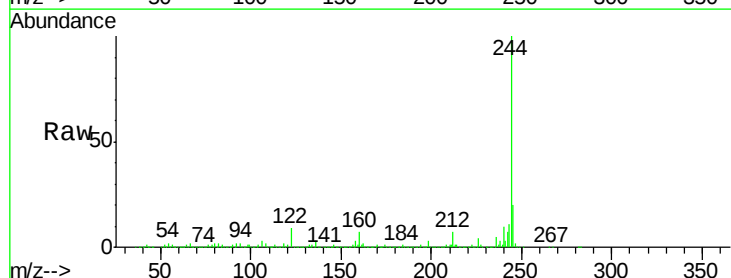
Tgt Ion:244 Resp: 4797949

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

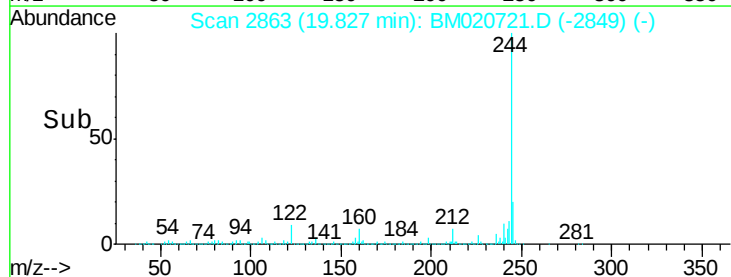
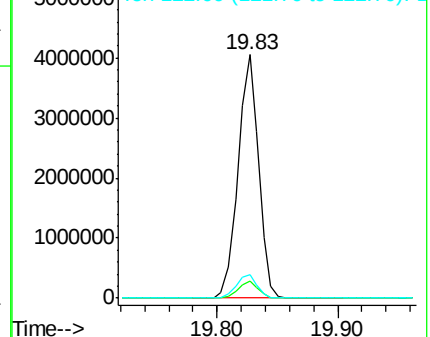
122 9.5 7.2 10.8

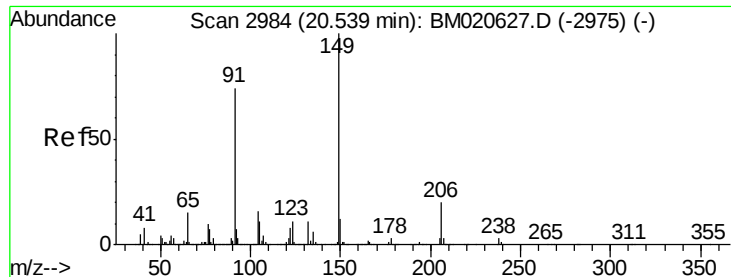


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

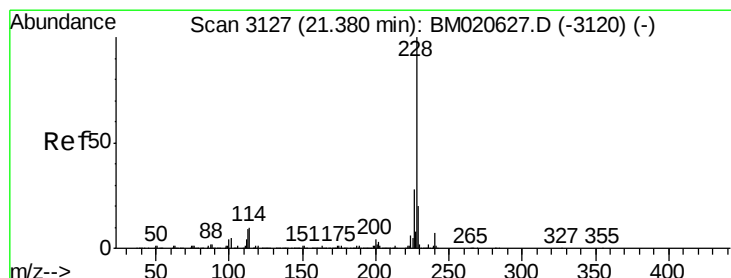
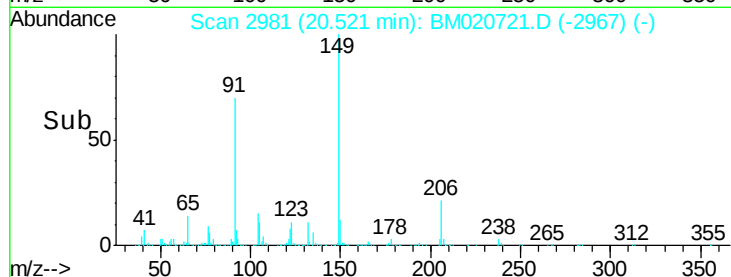
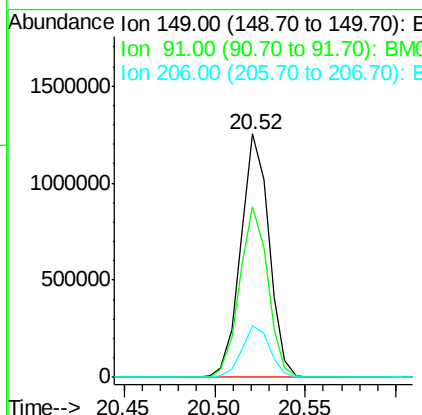
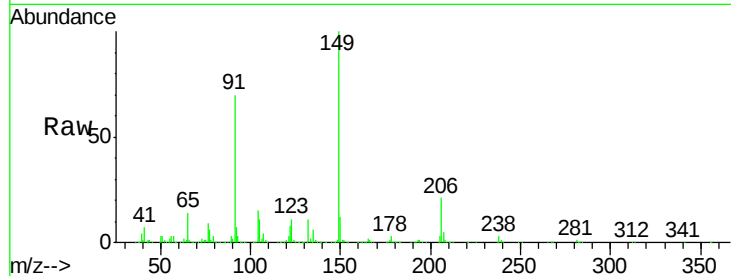




#80
 Butylbenzylphthalate
 Concen: 34.077 ng
 RT: 20.52 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

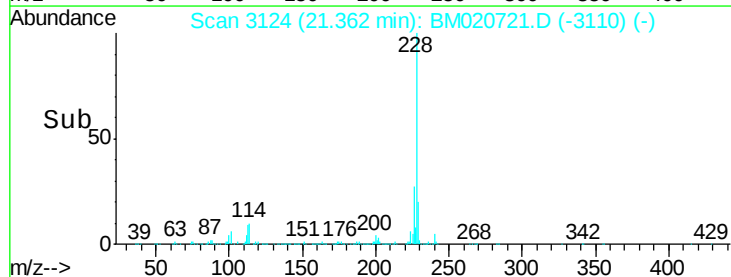
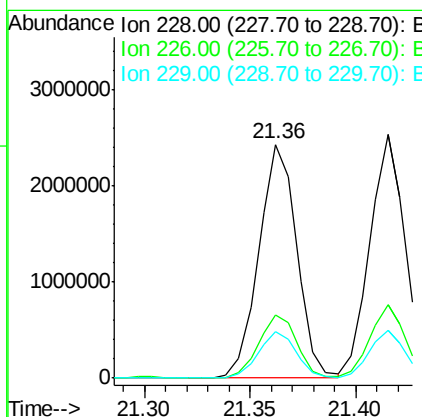
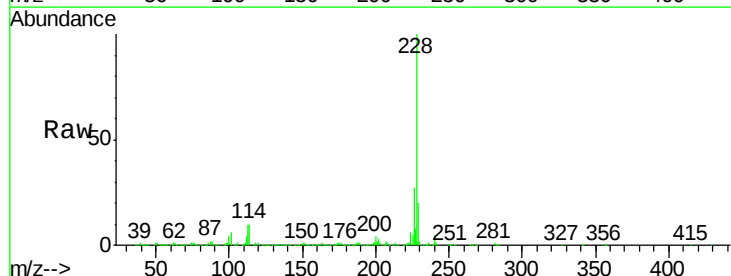
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

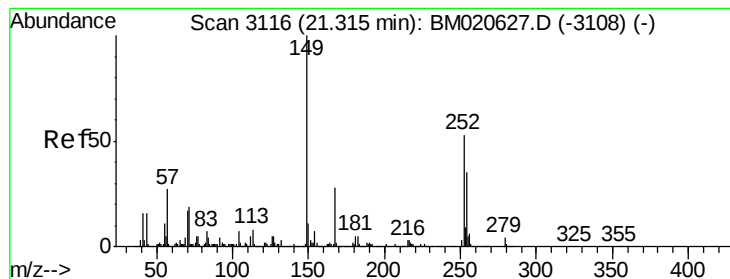
Tgt Ion:	149	Resp:	1353048
Ion	Ratio	Lower	Upper
149	100		
91	69.9	59.6	89.4
206	20.9	15.7	23.5



#81
 Benzo(a)anthracene
 Concen: 35.731 ng
 RT: 21.36 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:	228	Resp:	3046535
Ion	Ratio	Lower	Upper
228	100		
226	27.1	22.3	33.5
229	19.7	15.9	23.9

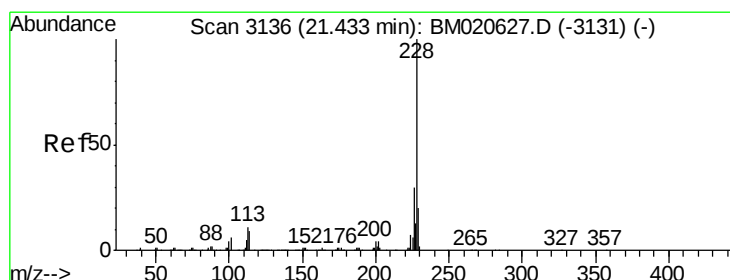
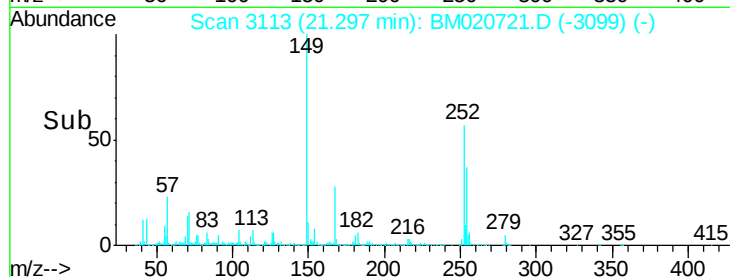
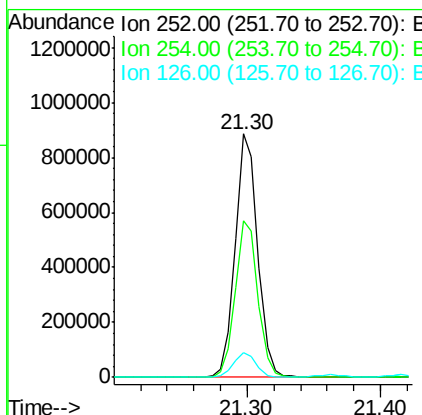
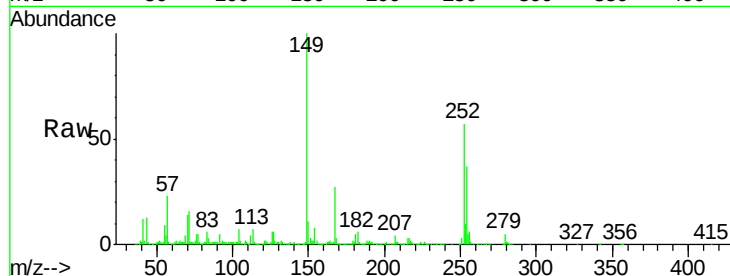




#82
 3,3'-Dichlorobenzidine
 Concen: 33.346 ng
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

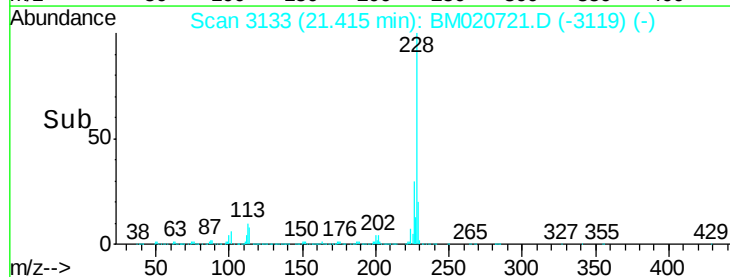
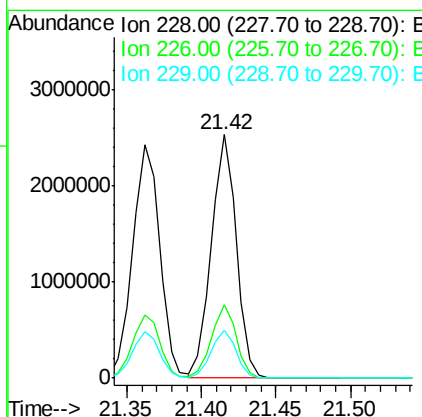
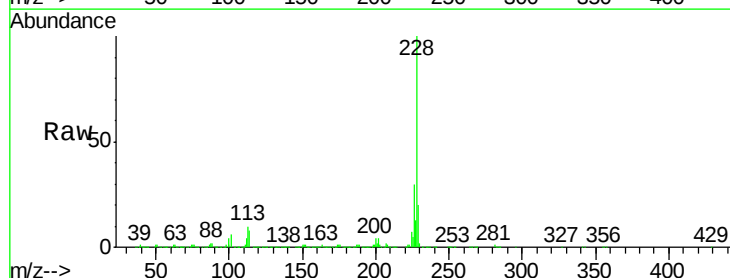
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

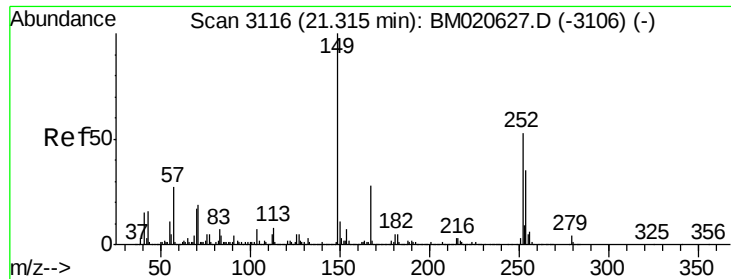
Tgt Ion:252 Resp: 1041122
 Ion Ratio Lower Upper
 252 100
 254 64.5 52.6 78.8
 126 10.2 8.0 12.0



#83
 Chrysene
 Concen: 36.586 ng
 RT: 21.42 min Scan# 3133
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:228 Resp: 2965218
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.2 36.2
 229 19.5 15.8 23.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 33.163 ng

RT: 21.29 min Scan# 3112

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

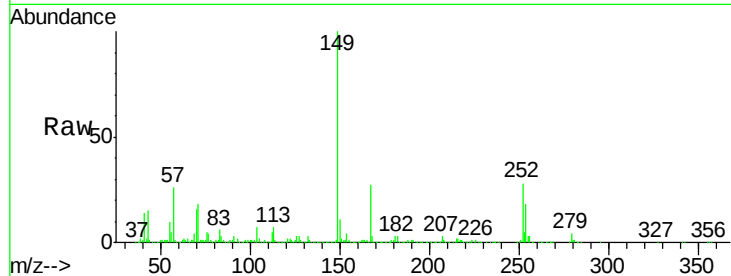
Tgt Ion:149 Resp: 1913751

Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

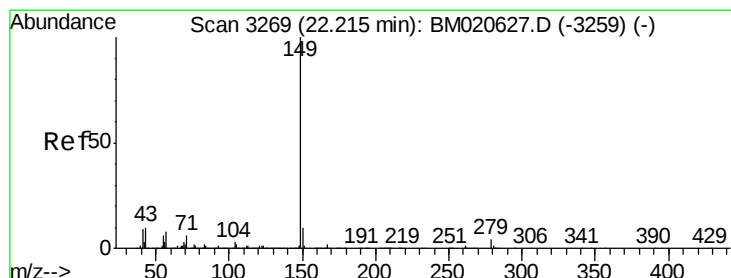
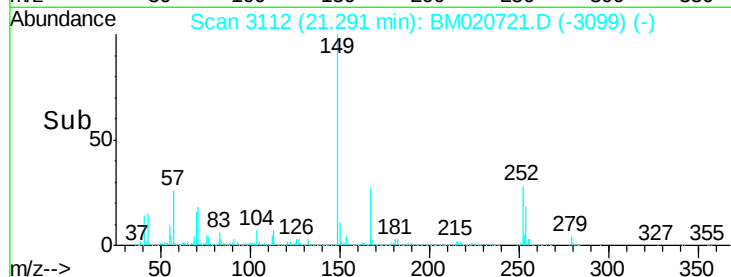
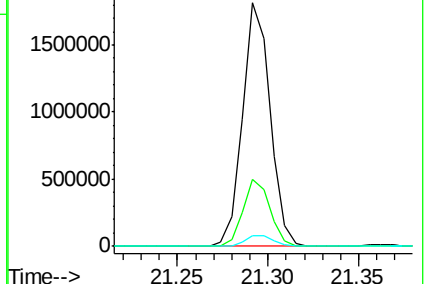
279 4.1 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 33.858 ng

RT: 22.19 min Scan# 3264

Delta R.T. -0.03 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

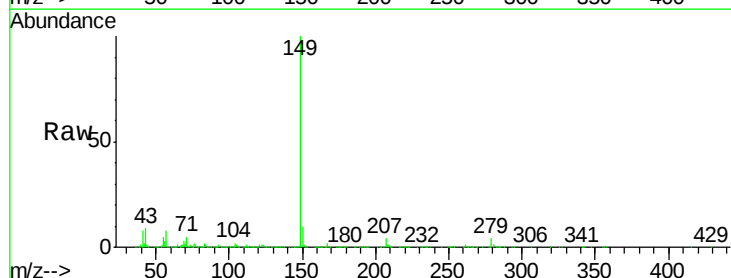
Tgt Ion:149 Resp: 3102000

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

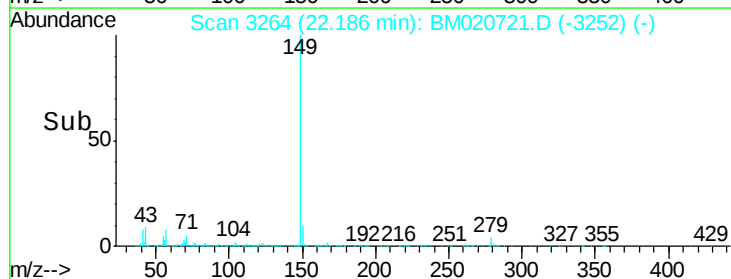
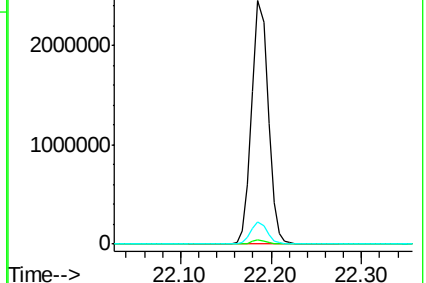
43 9.3 8.2 12.4

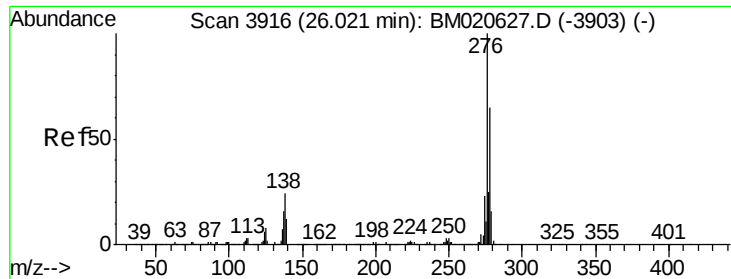


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

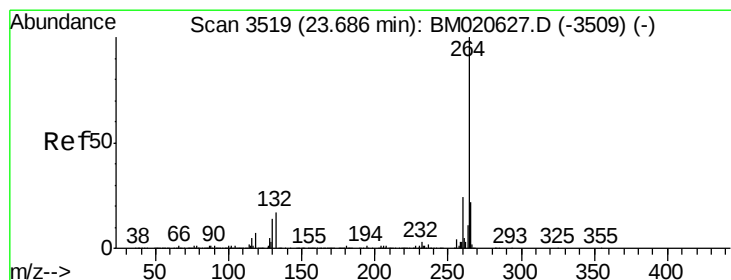
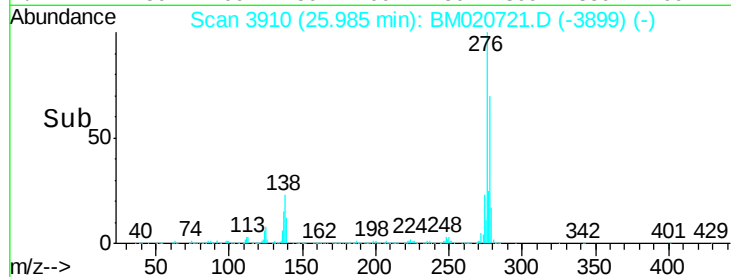
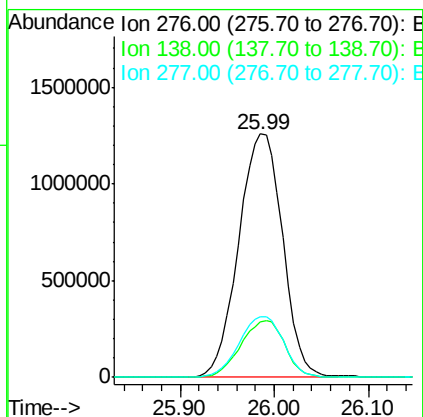
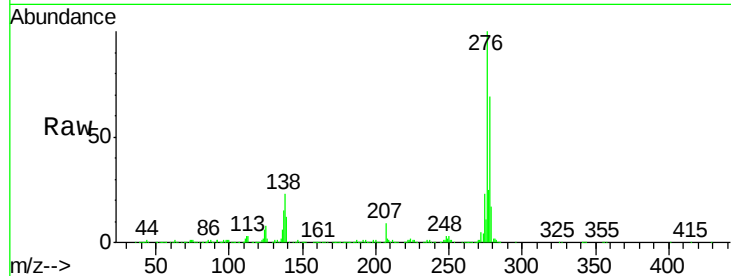




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 48.951 ng
 RT: 25.99 min Scan# 3910
 Delta R.T. -0.04 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

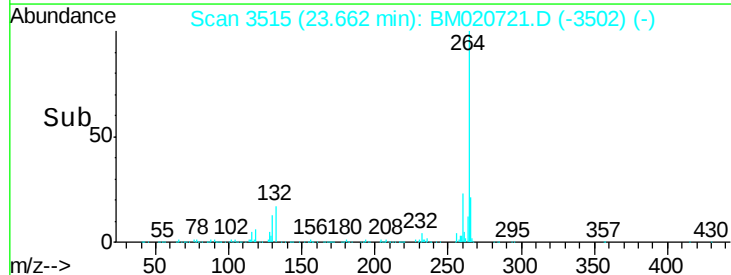
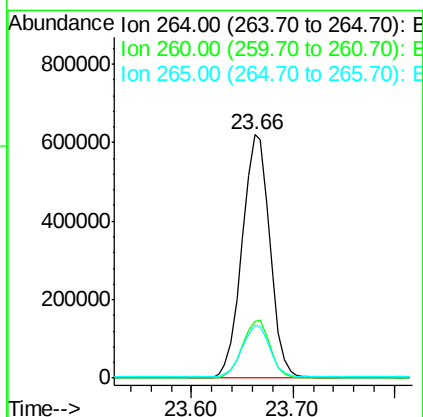
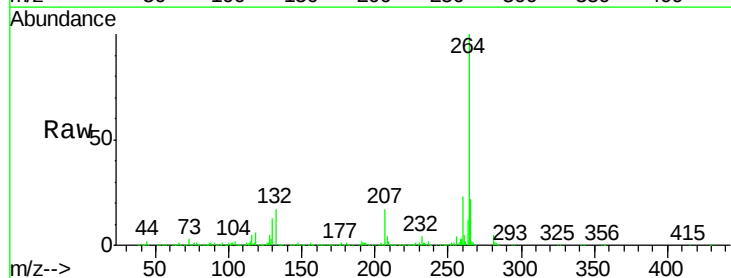
Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

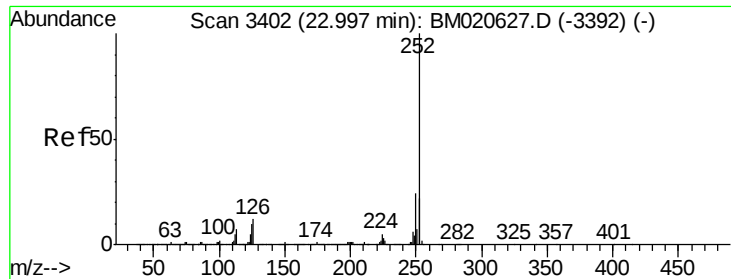
Tgt Ion:276 Resp: 4058741
 Ion Ratio Lower Upper
 276 100
 138 23.4 19.8 29.8
 277 25.2 20.2 30.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.66 min Scan# 3515
 Delta R.T. -0.02 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Tgt Ion:264 Resp: 1181494
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 22.0 17.6 26.4





#88

Benzo(b)fluoranthene

Concen: 41.688 ng

RT: 22.97 min Scan# 3398

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

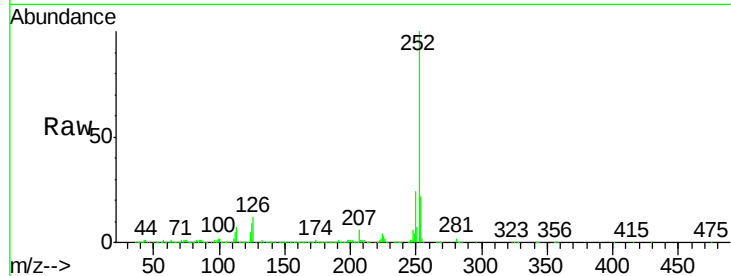
Tgt Ion:252 Resp: 3255414

Ion Ratio Lower Upper

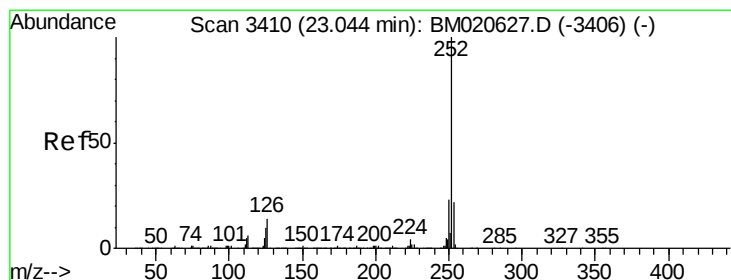
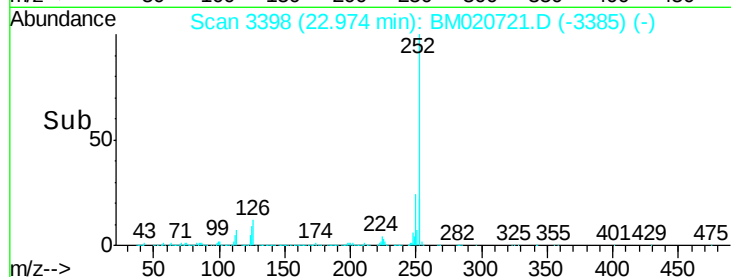
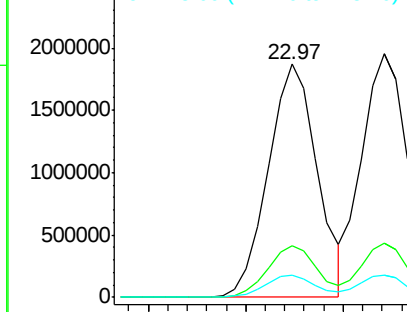
252 100

253 22.0 17.4 26.2

125 9.3 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: 41.470 ng

RT: 23.02 min Scan# 3406

Delta R.T. -0.02 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

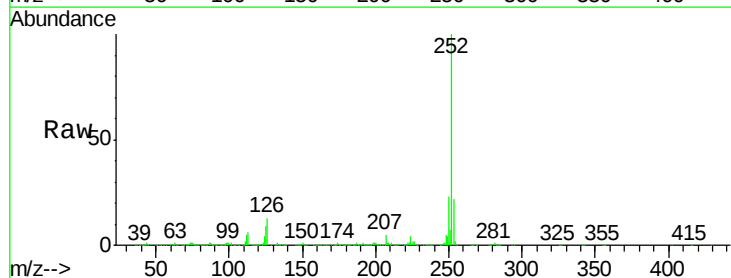
Tgt Ion:252 Resp: 3164716

Ion Ratio Lower Upper

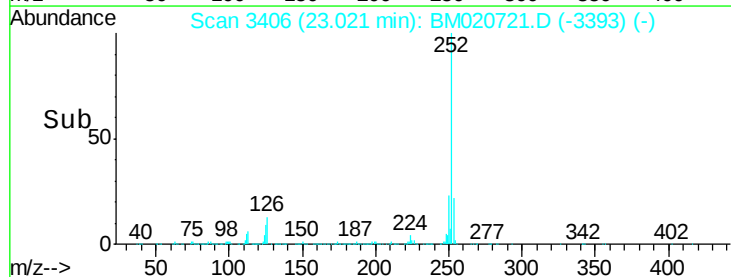
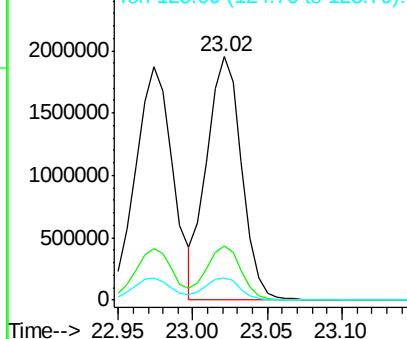
252 100

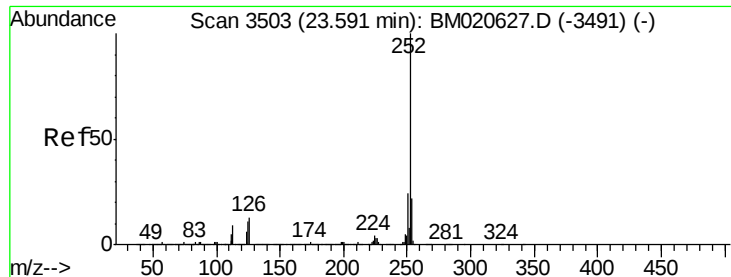
253 22.1 17.4 26.2

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: 44.763 ng

RT: 23.56 min Scan# 3498

Delta R.T. -0.03 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

Instrument :

BNA_M

ClientSampleId :

PB120082BSD

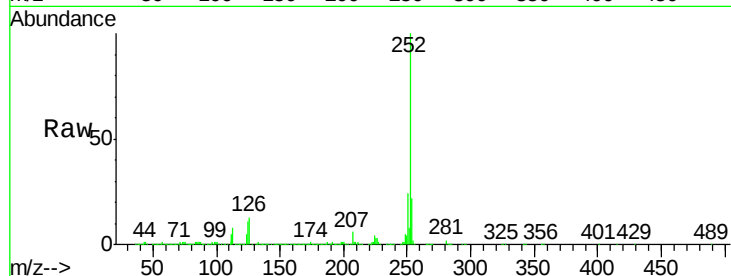
Tgt Ion:252 Resp: 3170600

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

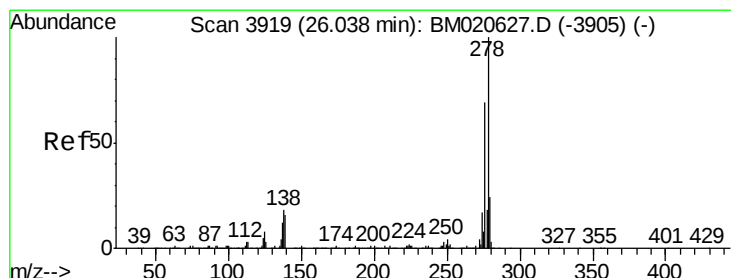
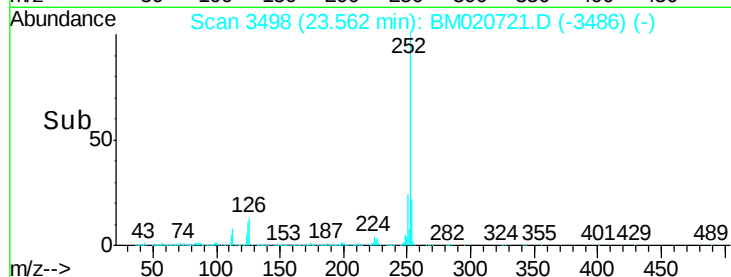
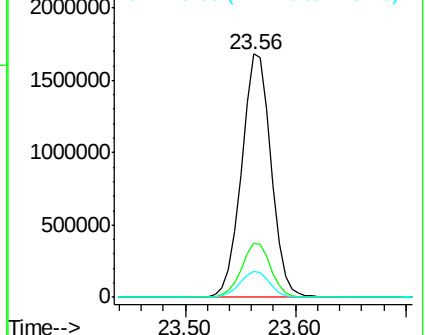
125 10.6 8.6 13.0



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: 49.934 ng

RT: 26.00 min Scan# 3913

Delta R.T. -0.04 min

Lab File: BM020721.D

Acq: 05 Jun 2019 03:54

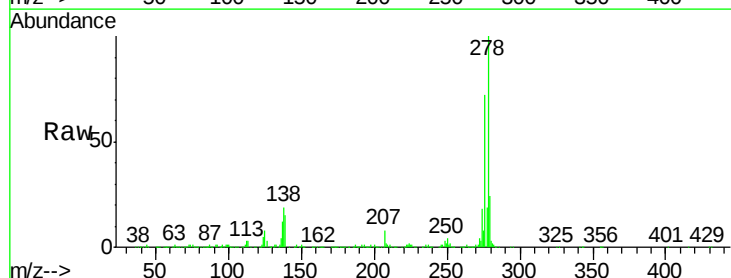
Tgt Ion:278 Resp: 3431419

Ion Ratio Lower Upper

278 100

139 14.5 12.6 18.8

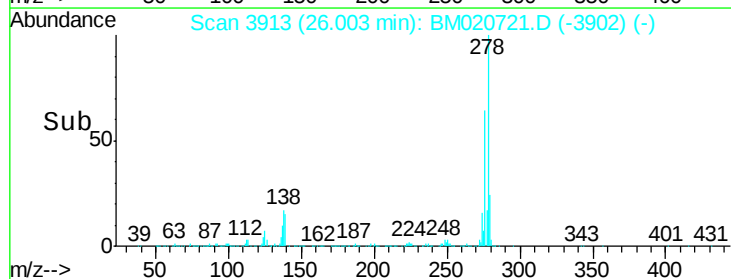
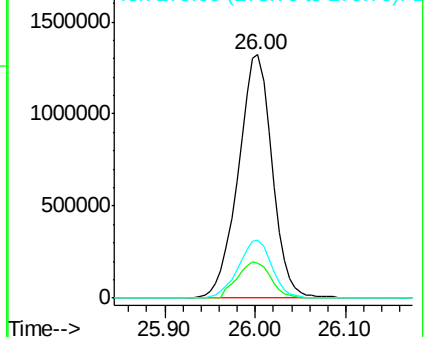
279 23.7 19.0 28.6

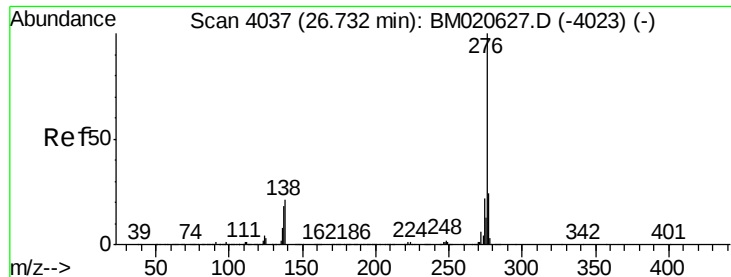


Abundance Ion 278.00 (277.70 to 278.70): E

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: 52.029 ng
 RT: 26.70 min Scan# 4031
 Delta R.T. -0.04 min
 Lab File: BM020721.D
 Acq: 05 Jun 2019 03:54

Instrument :
 BNA_M
 ClientSampleId :
 PB120082BSD

Tgt Ion: 276 Resp: 3320978
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 20.7 17.0 25.4

