

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020737.D
 Acq On : 05 Jun 2019 15:32
 Operator : HP/JU
 Sample : PB120038BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

Quant Time: Jun 06 02:16:18 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	336630	20.00	ng	-0.01
21) Naphthalene-d8	10.62	136	1355226	20.00	ng	-0.01
39) Acenaphthene-d10	14.46	164	747275	20.00	ng	-0.02
64) Phenanthrene-d10	17.20	188	1434230	20.00	ng	-0.01
76) Chrysene-d12	21.38	240	1096348	20.00	ng	-0.02
87) Perylene-d12	23.67	264	1196417	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	2732705	142.80	ng	0.00
7) Phenol-d6	6.99	99	3618460	128.41	ng	0.00
23) Nitrobenzene-d5	8.99	82	2144516	81.99	ng	-0.01
42) 2,4,6-Tribromophenol	15.95	330	1294233	139.79	ng	-0.01
45) 2-Fluorobiphenyl	13.08	172	4977040	88.54	ng	-0.01
79) Terphenyl-d14	19.83	244	5483303	83.66	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	304665	38.885	ng	95
3) Pyridine	3.74	79	884567	35.484	ng	97
4) n-Nitrosodimethylamine	3.66	42	399170	37.146	ng	90
6) Aniline	7.16	93	1238581	30.378	ng	99
8) 2-Chlorophenol	7.39	128	1069977	44.944	ng	99
9) Benzaldehyde	6.97	77	311966	15.339	ng	94
10) Phenol	7.02	94	1317512	43.387	ng	98
11) bis(2-Chloroethyl)ether	7.26	93	948932	39.211	ng	96
12) 1,3-Dichlorobenzene	7.71	146	1081185	39.515	ng	98
13) 1,4-Dichlorobenzene	7.86	146	1104709	39.716	ng	98
14) 1,2-Dichlorobenzene	8.17	146	1063987	39.306	ng	99
15) Benzyl Alcohol	8.06	79	950660	38.136	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.35	45	1281648	34.302	ng	99
17) 2-Methylphenol	8.26	107	878997	41.164	ng	98
18) Hexachloroethane	8.89	117	402238	37.770	ng	95
19) n-Nitroso-di-n-propylamine	8.63	70	793017	35.010	ng	95
20) 3+4-Methylphenols	8.59	107	1170035	40.273	ng	97
22) Acetophenone	8.65	105	1481540	43.034	ng	97
24) Nitrobenzene	9.03	77	1157067	43.332	ng	97
25) Isophorone	9.55	82	2099821	40.358	ng	99
26) 2-Nitrophenol	9.73	139	513737	51.622	ng	98
27) 2,4-Dimethylphenol	9.79	122	946852	50.774	ng	99
28) bis(2-Chloroethoxy)methane	10.03	93	1288309	40.952	ng	100
29) 2,4-Dichlorophenol	10.26	162	994997	48.226	ng	99
30) 1,2,4-Trichlorobenzene	10.47	180	1054900	44.466	ng	99
31) Naphthalene	10.66	128	3048462	43.743	ng	99
32) Benzoic acid	9.93	122	522623	44.897	ng	99
33) 4-Chloroaniline	10.77	127	487765	15.039	ng	98
34) Hexachlorobutadiene	10.94	225	613693	43.113	ng	99
35) Caprolactam	11.57	113	243053	33.910	ng	98
36) 4-Chloro-3-methylphenol	11.90	107	1012605	42.213	ng	97
37) 2-Methylnaphthalene	12.27	142	2239958	43.363	ng	99
38) 1-Methylnaphthalene	12.50	142	2140500	43.518	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.64	216	1176215	48.030	ng	99

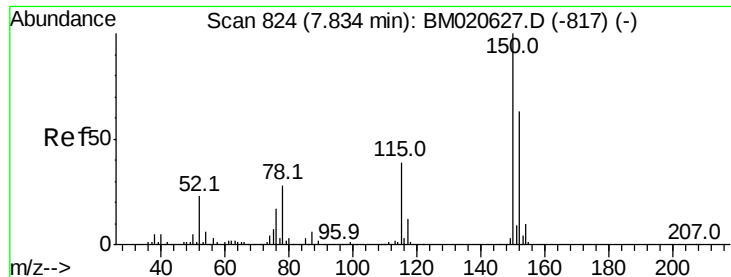
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060519\
 Data File : BM020737.D
 Acq On : 05 Jun 2019 15:32
 Operator : HP/JU
 Sample : PB120038BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

Quant Time: Jun 06 02:16:18 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	1476661	100.822	ng	99
43) 2,4,6-Trichlorophenol	12.89	196	757122	48.031	ng	97
44) 2,4,5-Trichlorophenol	12.95	196	797079	48.980	ng	97
46) 1,1'-Biphenyl	13.29	154	2832246	45.381	ng	99
47) 2-Chloronaphthalene	13.33	162	2183924	43.357	ng	99
48) 2-Nitroaniline	13.55	65	612837	38.764	ng	89
49) Acenaphthylene	14.18	152	3458916	44.010	ng	100
50) Dimethylphthalate	13.92	163	2638104	41.321	ng	99
51) 2,6-Dinitrotoluene	14.05	165	571681	44.099	ng	# 85
52) Acenaphthene	14.52	154	2008537	42.884	ng	99
53) 3-Nitroaniline	14.37	138	346487	23.946	ng	94
54) 2,4-Dinitrophenol	14.57	184	473187	84.407	ng	92
55) Dibenzofuran	14.86	168	3117318	42.854	ng	98
56) 4-Nitrophenol	14.67	139	865243	81.148	ng	91
57) 2,4-Dinitrotoluene	14.83	165	744346	42.883	ng	92
58) Fluorene	15.51	166	2491763	41.654	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.08	232	673488	47.494	ng	96
60) Diethylphthalate	15.29	149	2549912	38.726	ng	99
61) 4-Chlorophenyl-phenylether	15.50	204	1326330	41.875	ng	94
62) 4-Nitroaniline	15.54	138	517956	33.753	ng	93
63) Azobenzene	15.80	77	2383750	37.762	ng	96
65) 4,6-Dinitro-2-methylphenol	15.59	198	294712	45.682	ng	93
66) n-Nitrosodiphenylamine	15.72	169	2126990	46.327	ng	100
67) 4-Bromophenyl-phenylether	16.40	248	773534	45.808	ng	94
68) Hexachlorobenzene	16.50	284	878907	44.572	ng	95
69) Atrazine	16.67	200	674924	49.254	ng	99
70) Pentachlorophenol	16.85	266	985390	104.750	ng	99
71) Phenanthrene	17.24	178	3506759	43.135	ng	99
72) Anthracene	17.34	178	3591595	44.140	ng	99
73) Carbazole	17.61	167	3011687	40.787	ng	99
74) Di-n-butylphthalate	18.17	149	3776061	39.395	ng	100
75) Fluoranthene	19.26	202	3631406	40.167	ng	99
77) Benzidine	19.45	184	1458349	43.899	ng	100
78) Pyrene	19.62	202	3619176	43.018	ng	100
80) Butylbenzylphthalate	20.52	149	1425420	40.091	ng	96
81) Benzo(a)anthracene	21.37	228	3210936	42.056	ng	99
82) 3,3'-Dichlorobenzidine	21.30	252	956551	34.214	ng	99
83) Chrysene	21.42	228	3160004	43.542	ng	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	1957830	37.888	ng	99
85) Di-n-octyl phthalate	22.19	149	3121373	38.047	ng	97
86) Indeno(1,2,3-cd)pyrene	25.99	276	4210154	56.705	ng	98
88) Benzo(b)fluoranthene	22.98	252	3421792	43.272	ng	99
89) Benzo(k)fluoranthene	23.03	252	3275963	42.392	ng	99
90) Benzo(a)pyrene	23.57	252	3321394	46.307	ng	99
91) Dibenzo(a,h)anthracene	26.00	278	3542281	50.905	ng	99
92) Benzo(g,h,i)perylene	26.70	276	3436986	53.175	ng	98

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

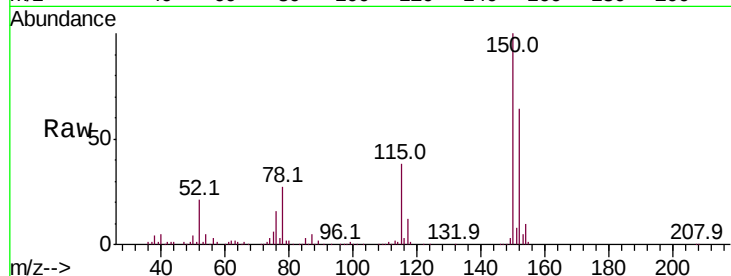


#1

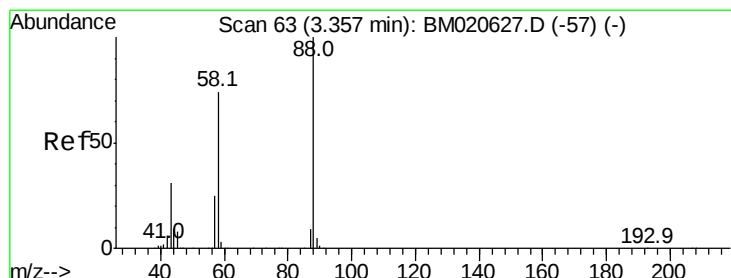
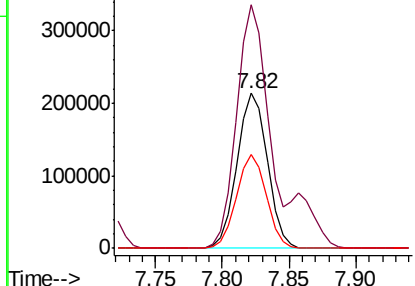
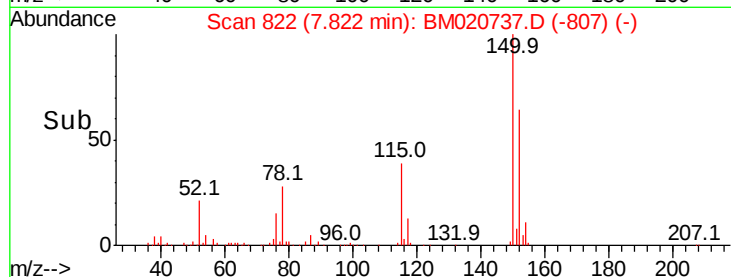
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.82 min Scan# 822
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:152 Resp: 336630
Ion Ratio Lower Upper
152 100
150 157.4 126.0 189.0
115 60.3 49.6 74.4



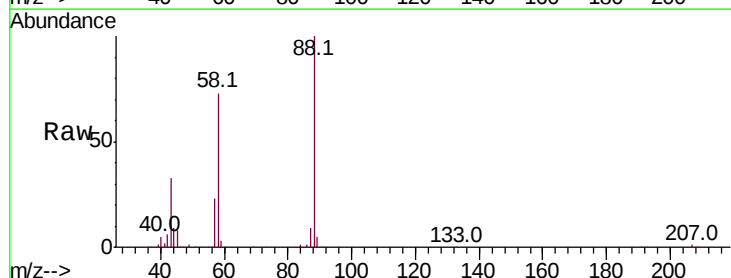
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



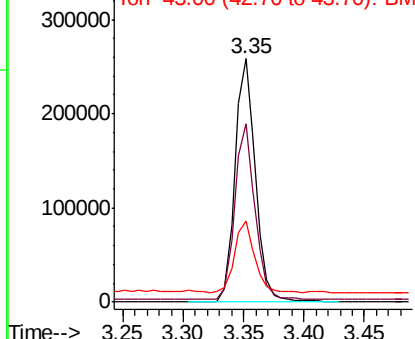
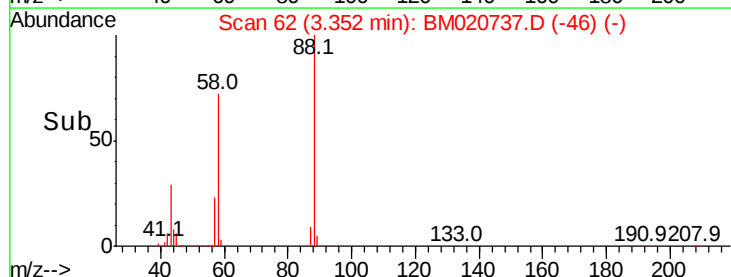
#2

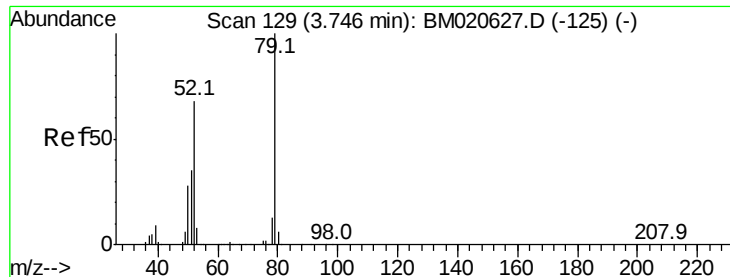
1,4-Dioxane
Concen: 38.885 ng
RT: 3.35 min Scan# 62
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion: 88 Resp: 304665
Ion Ratio Lower Upper
88 100
58 70.9 60.2 90.4
43 28.7 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

Pvridine

Concen: 35.484 ng

RT: 3.74 min Scan# 128

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

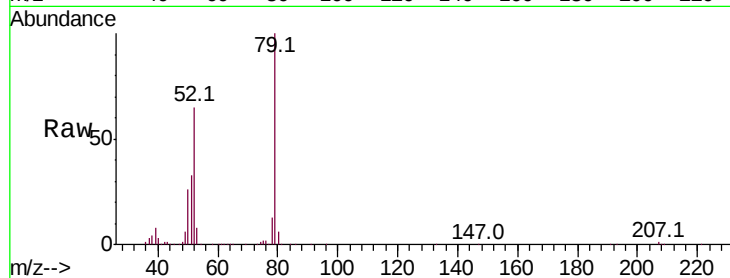
Tot Ion: 79 Resp: 884567

Ion Ratio Lower Upper

79 100

52 65.5 54.1 81.1

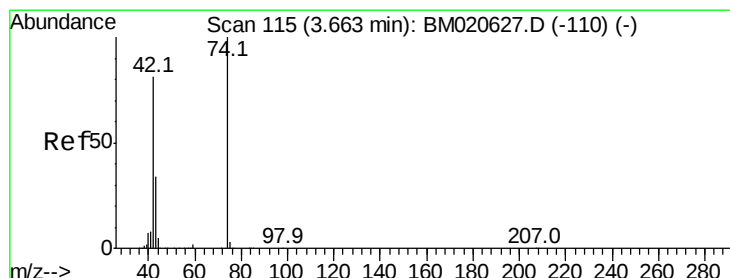
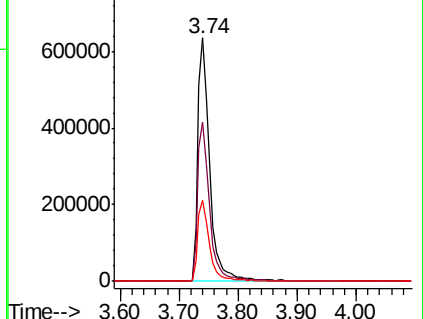
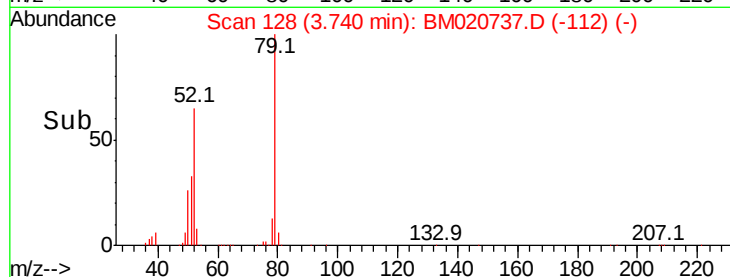
51 33.1 28.6 42.8



Abundance Ion 79.00 (78.70 to 79.70): BM020737.D (-125) (-)

Ion 52.00 (51.70 to 52.70): BM020737.D (-125) (-)

Ion 51.00 (50.70 to 51.70): BM020737.D (-125) (-)



#4

n-Nitrosodimethylamine

Concen: 37.146 ng

RT: 3.66 min Scan# 114

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

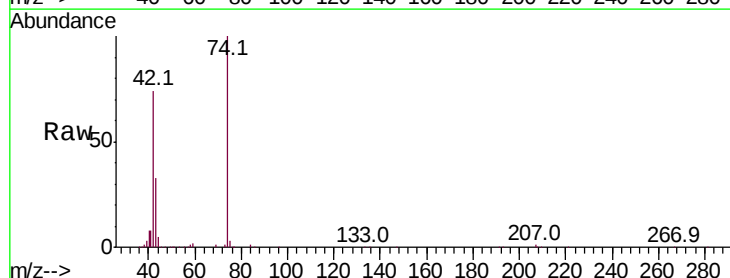
Tgt Ion: 42 Resp: 399170

Ion Ratio Lower Upper

42 100

74 135.7 99.4 149.0

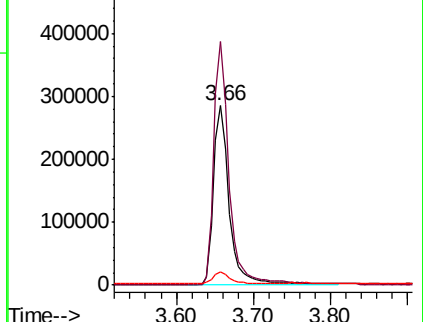
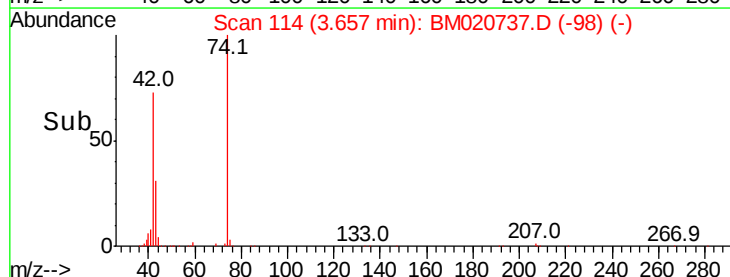
44 7.1 5.8 8.8

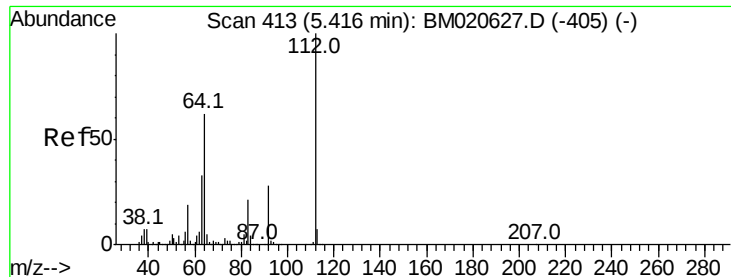


Abundance Ion 42.00 (41.70 to 42.70): BM020737.D (-110) (-)

Ion 74.00 (73.70 to 74.70): BM020737.D (-110) (-)

Ion 44.00 (43.70 to 44.70): BM020737.D (-110) (-)





#5

2-Fluorophenol

Concen: 142.798 ng

RT: 5.41 min Scan# 412

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

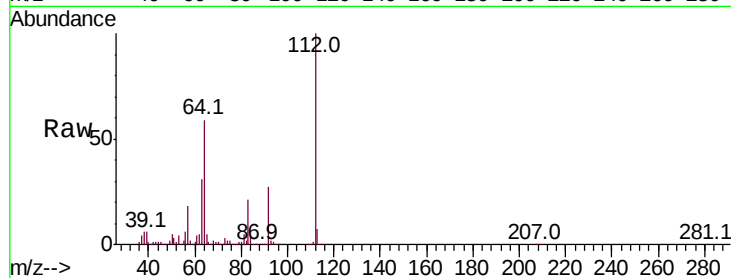
Tot Ion:112 Resp: 2732705

Ion Ratio Lower Upper

112 100

64 59.4 49.7 74.5

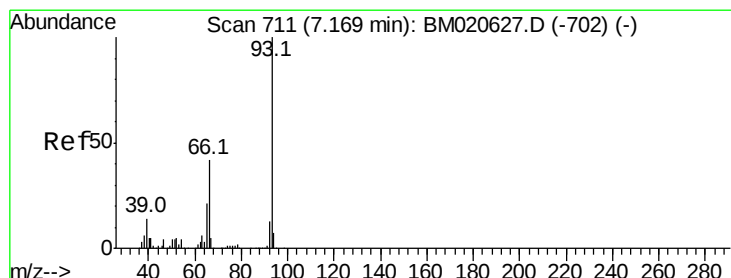
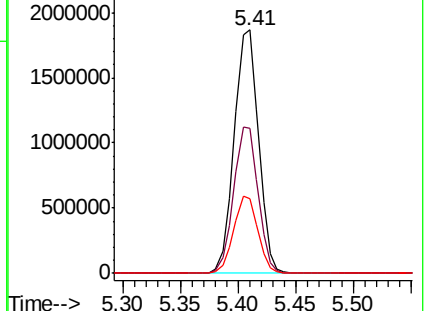
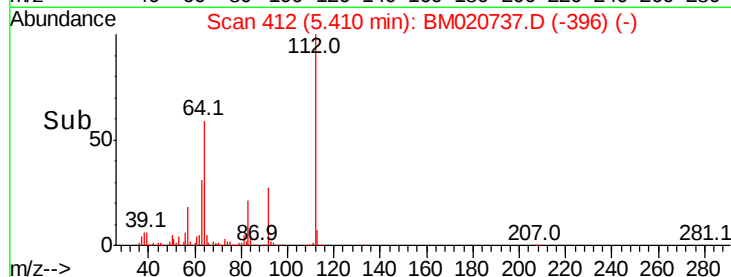
63 30.7 26.4 39.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 30.378 ng

RT: 7.16 min Scan# 709

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

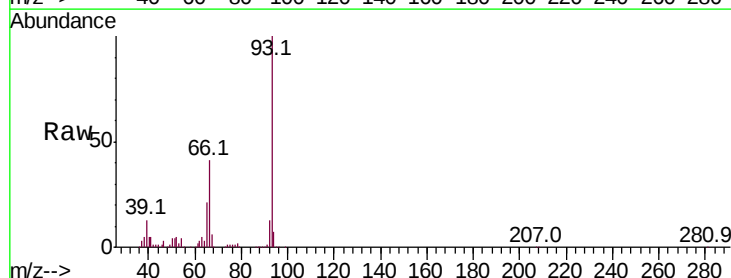
Tgt Ion: 93 Resp: 1238581

Ion Ratio Lower Upper

93 100

66 41.0 33.6 50.4

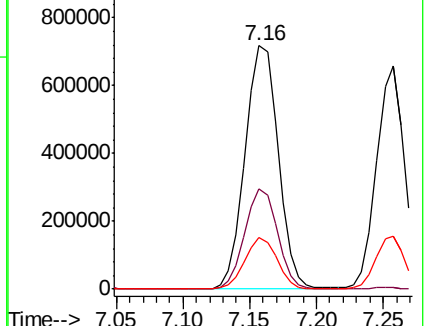
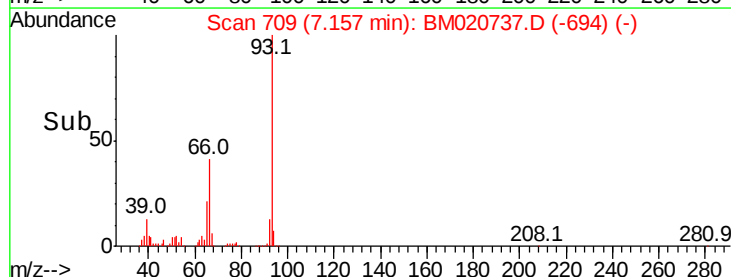
65 20.9 16.7 25.1

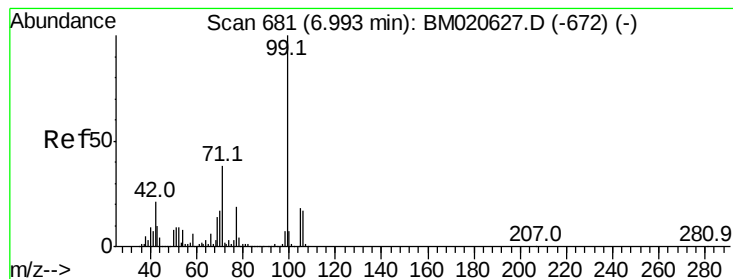


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 128.413 ng

RT: 6.99 min Scan# 681

Delta R.T. 0.00 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

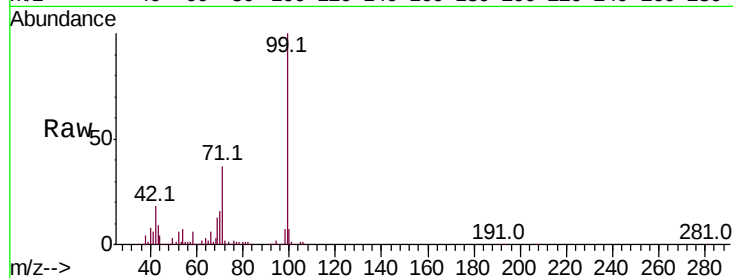
Tot Ion: 99 Resp: 3618460

Ion Ratio Lower Upper

99 100

42 18.5 16.5 24.7

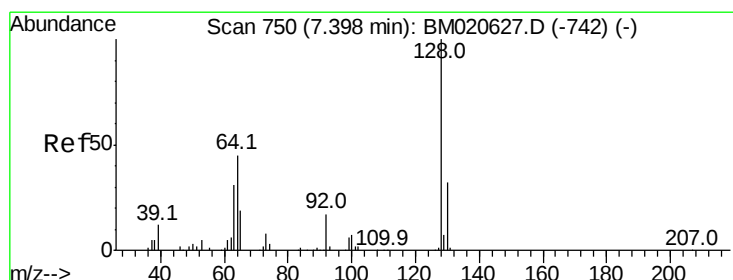
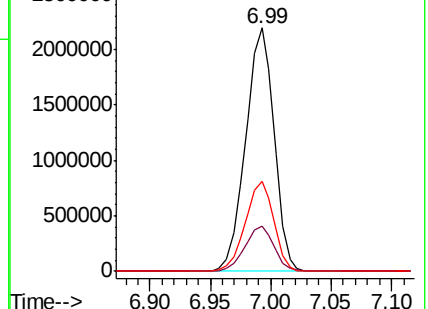
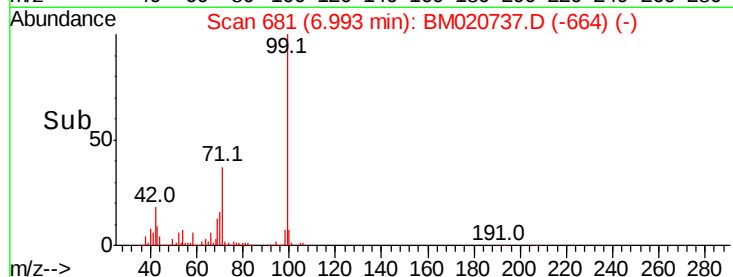
71 36.9 30.7 46.1



Abundance Ion 99.00 (98.70 to 99.70): BM020737.D (-664) (-)

Ion 42.00 (41.70 to 42.70): BM020737.D (-664) (-)

Ion 71.00 (70.70 to 71.70): BM020737.D (-664) (-)



#8

2-Chlorophenol

Concen: 44.944 ng

RT: 7.39 min Scan# 748

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

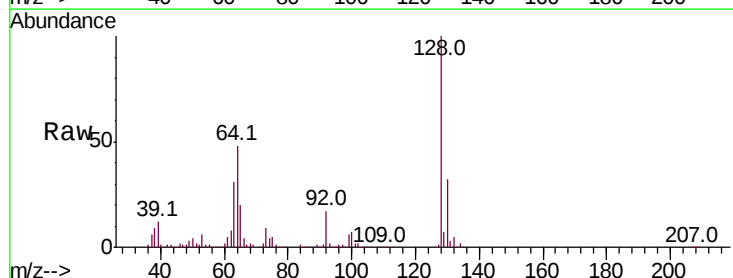
Tgt Ion:128 Resp: 1069977

Ion Ratio Lower Upper

128 100

130 31.9 12.2 52.2

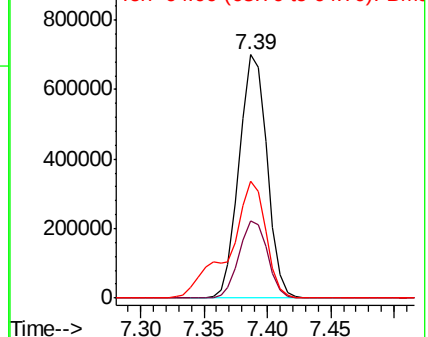
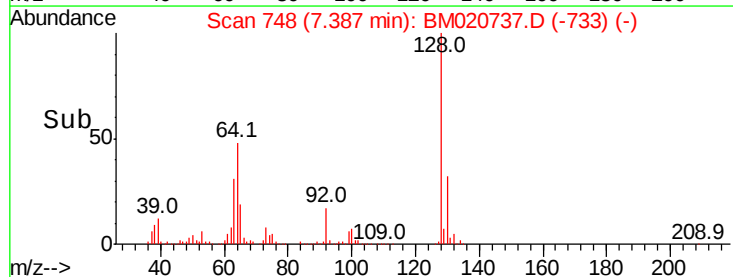
64 48.3 29.1 69.1

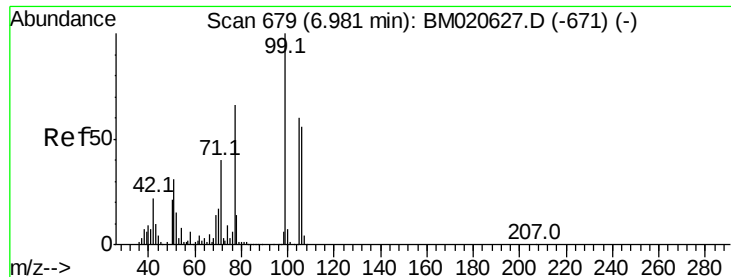


Abundance Ion 128.00 (127.70 to 128.70): BM020737.D (-733) (-)

Ion 130.00 (129.70 to 130.70): BM020737.D (-733) (-)

Ion 64.00 (63.70 to 64.70): BM020737.D (-733) (-)





#9

Benzaldehyde

Concen: 15.339 ng

RT: 6.97 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

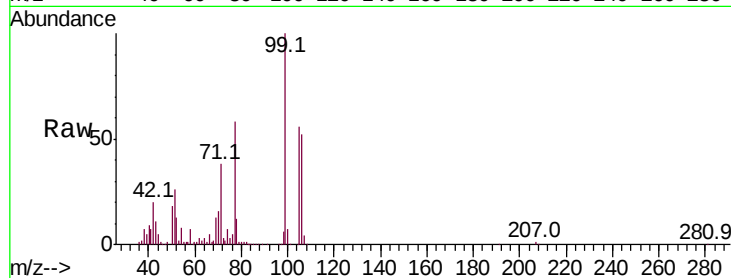
Tot Ion: 77 Resp: 311966

Ion Ratio Lower Upper

77 100

105 96.6 70.6 110.6

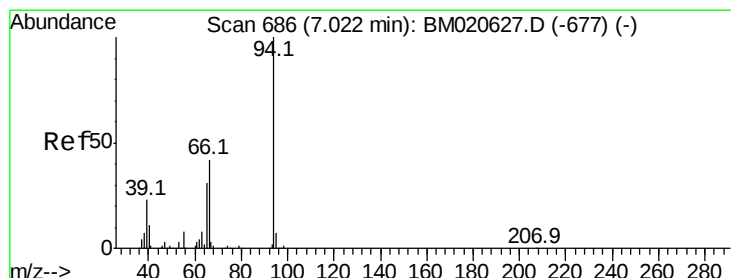
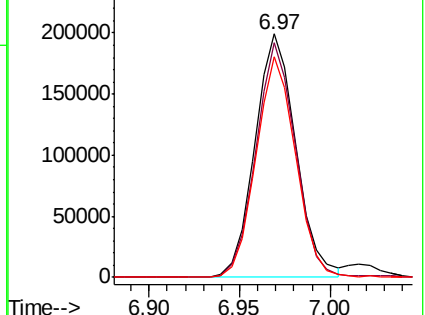
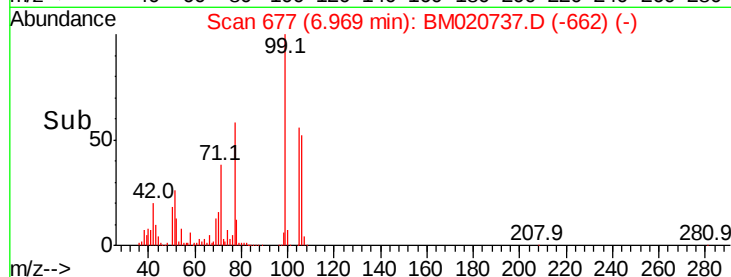
106 90.7 64.9 104.9



Abundance Ion 77.00 (76.70 to 77.70): BM020737.D (-662) (-)

Ion 105.00 (104.70 to 105.70): BM020737.D (-662) (-)

Ion 106.00 (105.70 to 106.70): BM020737.D (-662) (-)



#10

Phenol

Concen: 43.387 ng

RT: 7.02 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

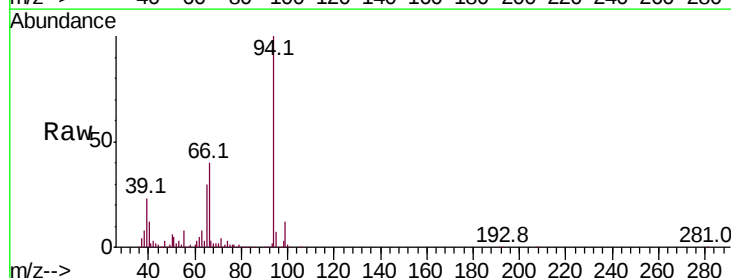
Tgt Ion: 94 Resp: 1317512

Ion Ratio Lower Upper

94 100

65 30.0 10.7 50.7

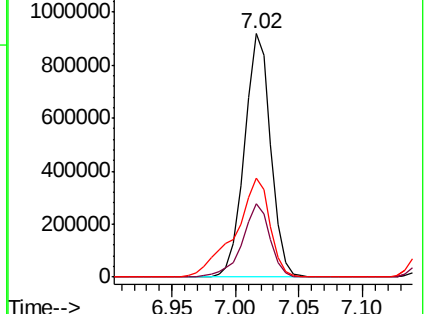
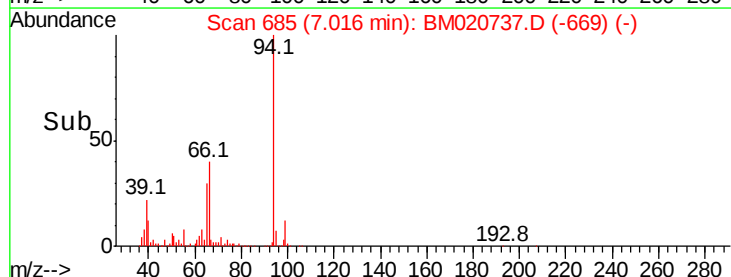
66 40.4 22.3 62.3

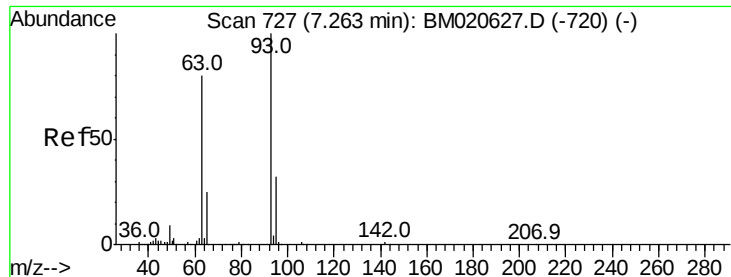


Abundance Ion 94.00 (93.70 to 94.70): BM020737.D (-669) (-)

Ion 65.00 (64.70 to 65.70): BM020737.D (-669) (-)

Ion 66.00 (65.70 to 66.70): BM020737.D (-669) (-)

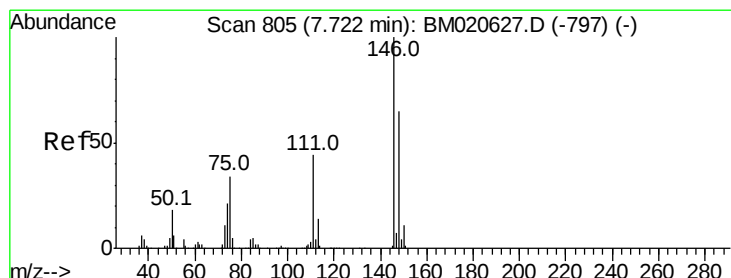
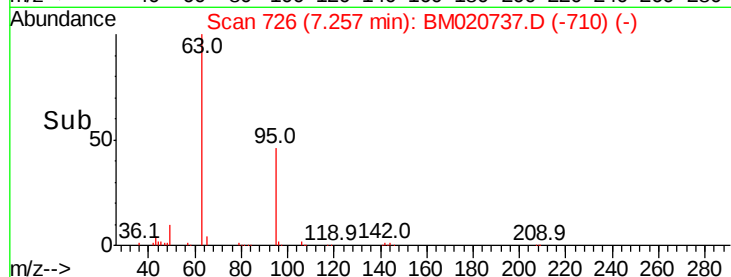
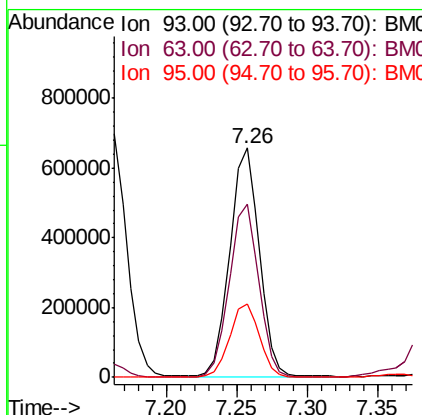
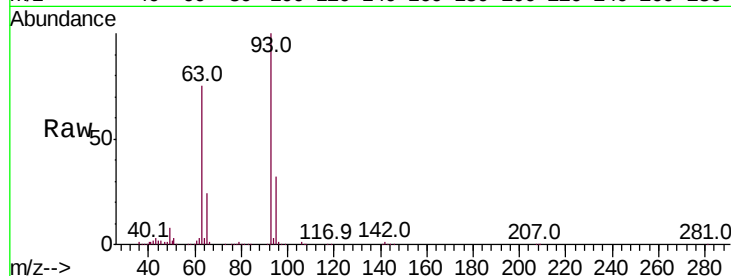




#11
bis(2-Chloroethyl)ether
Concen: 39.211 ng
RT: 7.26 min Scan# 726
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

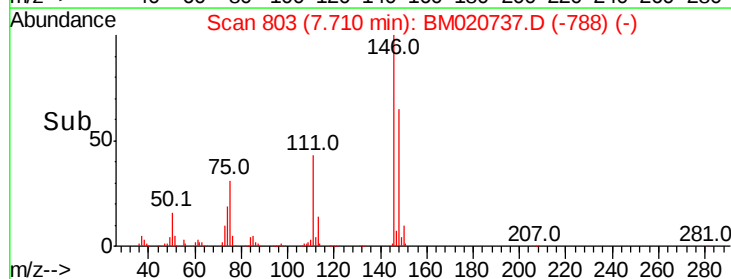
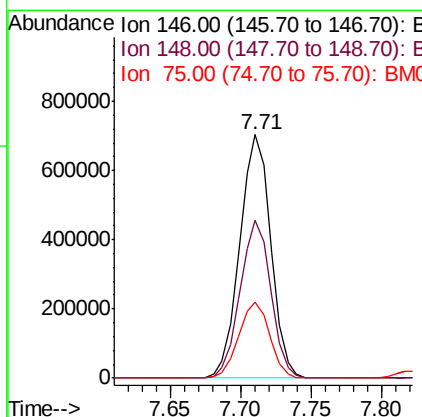
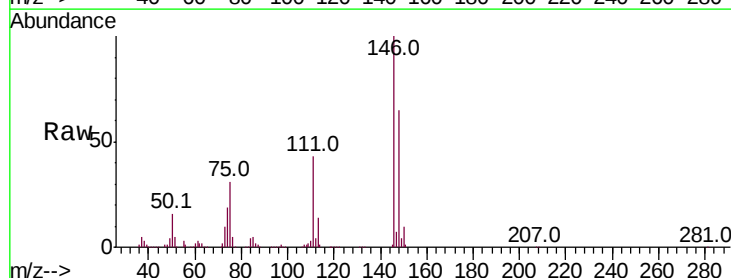
Instrument :
BNA_M
ClientSampleId :
PB120038BSD

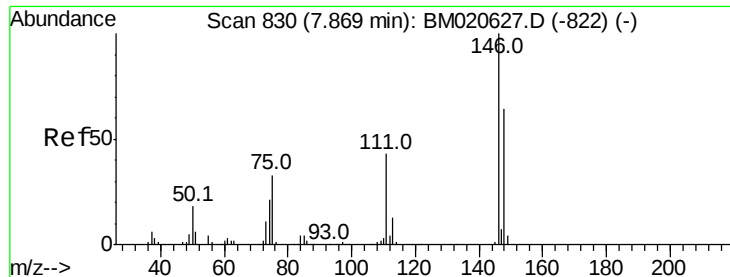
Tot Ion: 93 Resp: 948932
Ion Ratio Lower Upper
93 100
63 75.4 60.0 100.0
95 32.3 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.515 ng
RT: 7.71 min Scan# 803
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion: 146 Resp: 1081185
Ion Ratio Lower Upper
146 100
148 64.7 52.0 78.0
75 31.4 27.0 40.4

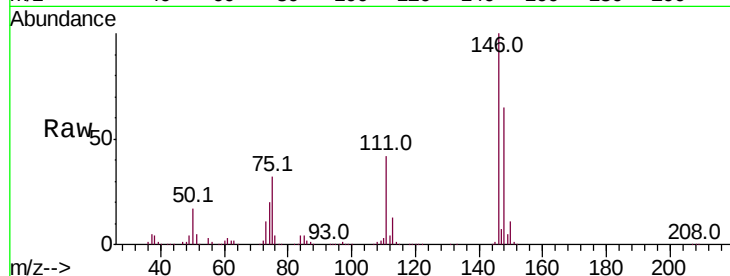




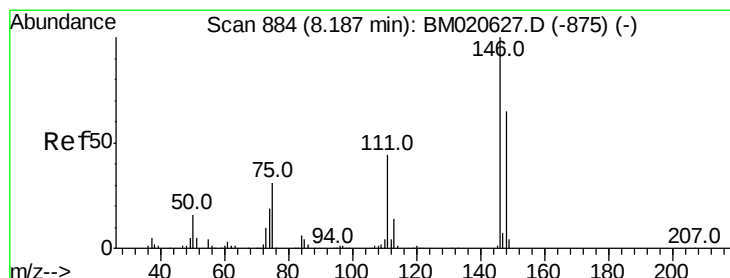
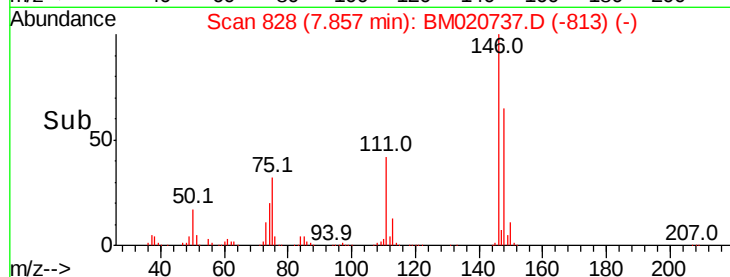
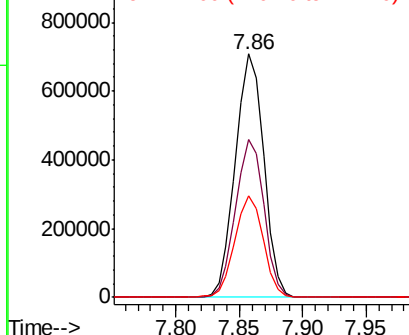
#13
 1,4-Dichlorobenzene
 Concen: 39.716 ng
 RT: 7.86 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

Tot Ion:146 Resp: 1104709
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.0 76.4
 111 41.9 34.4 51.6

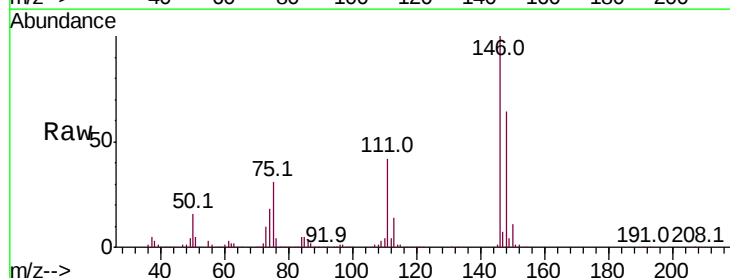


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

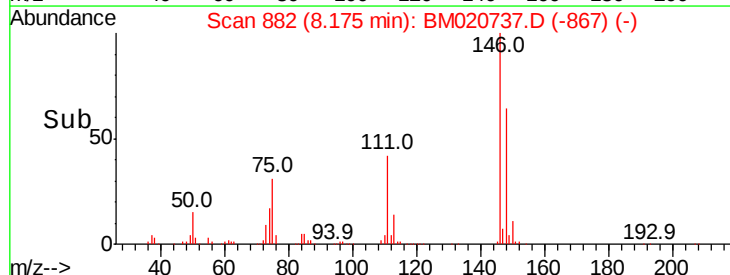
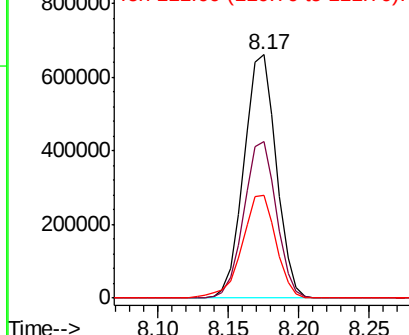


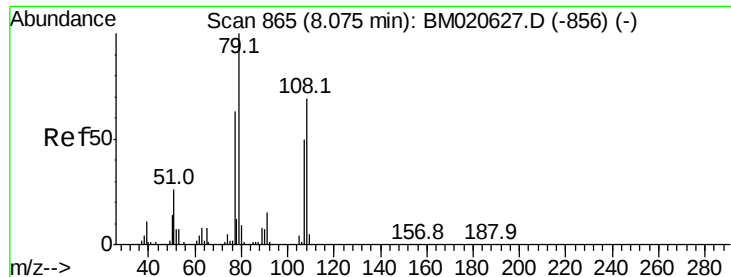
#14
 1,2-Dichlorobenzene
 Concen: 39.306 ng
 RT: 8.17 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Tgt Ion:146 Resp: 1063987
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.8
 111 42.2 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: 38.136 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

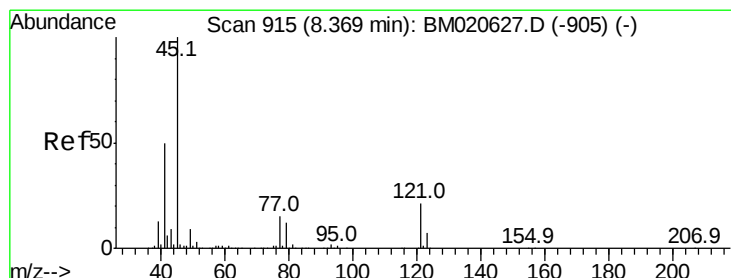
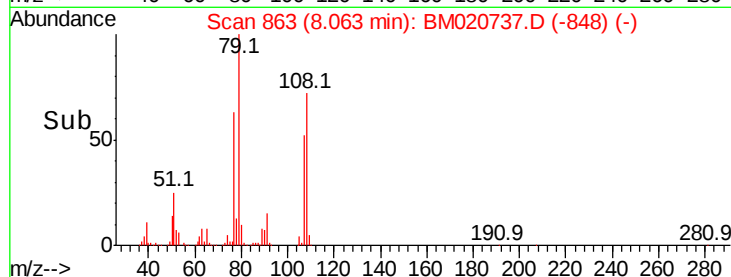
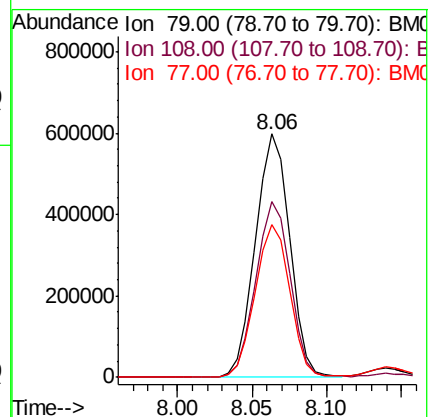
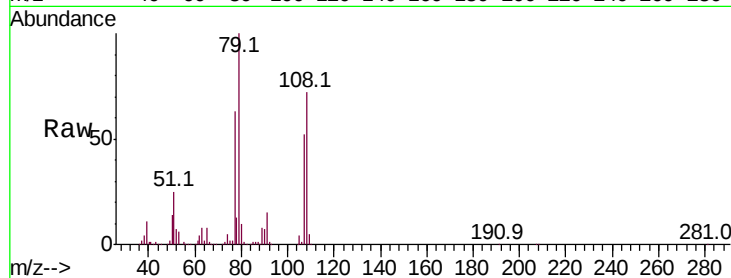
Tot Ion: 79 Resp: 950660

Ion Ratio Lower Upper

79 100

108 72.2 54.9 82.3

77 62.7 50.2 75.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.302 ng

RT: 8.35 min Scan# 911

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

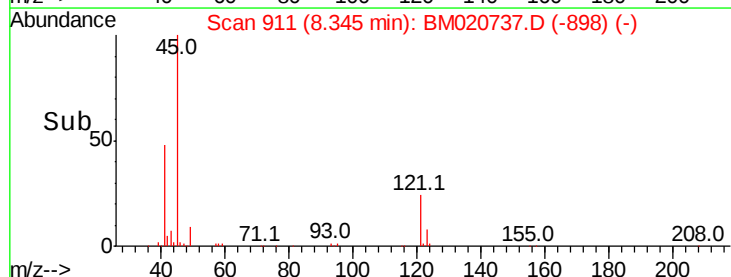
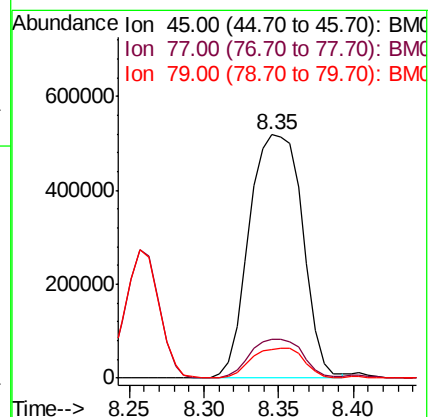
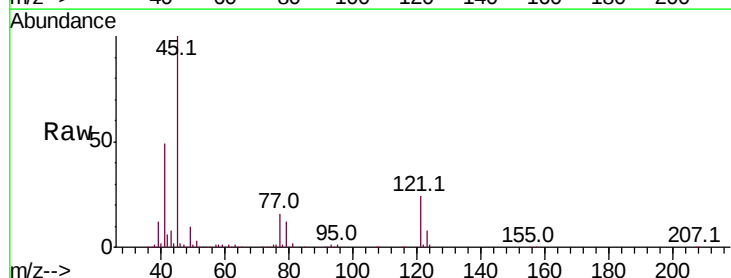
Tgt Ion: 45 Resp: 1281648

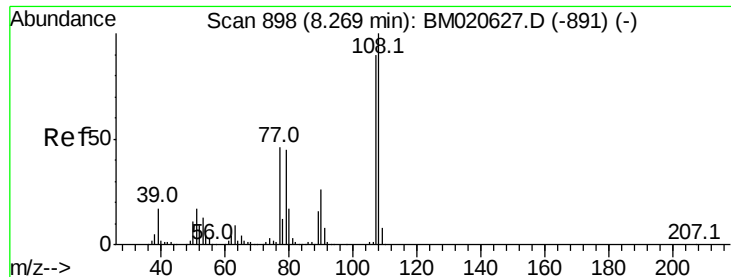
Ion Ratio Lower Upper

45 100

77 15.9 0.0 34.9

79 11.8 0.0 31.8

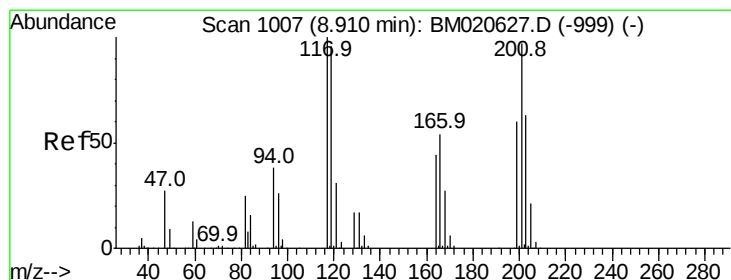
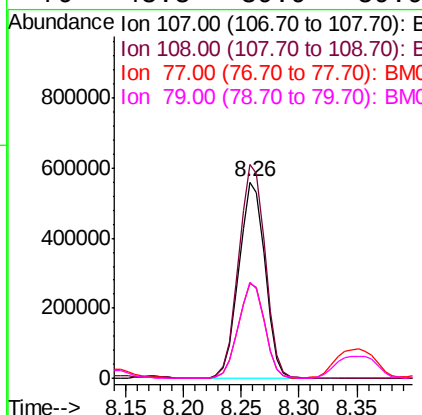
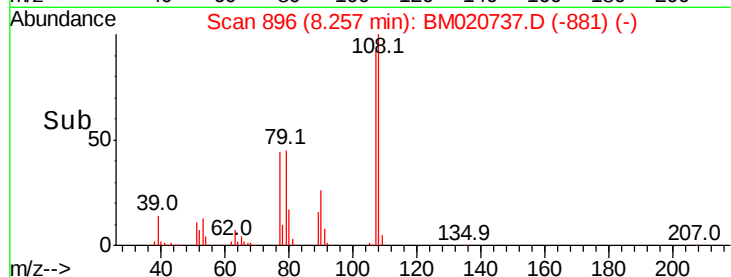
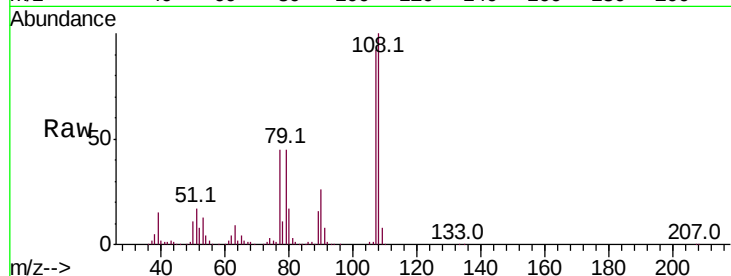




#17
2-Methylphenol
Concen: 41.164 ng
RT: 8.26 min Scan# 896
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

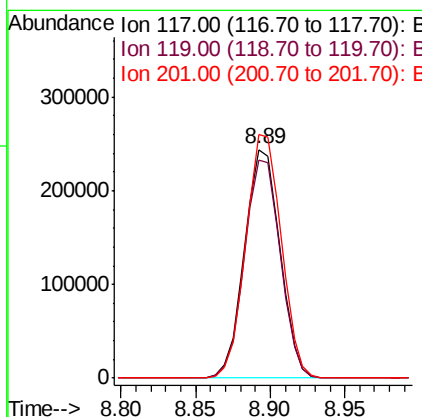
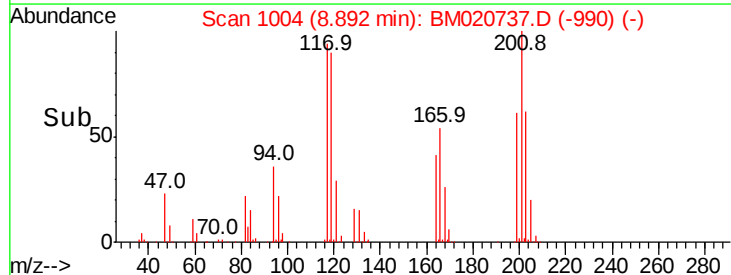
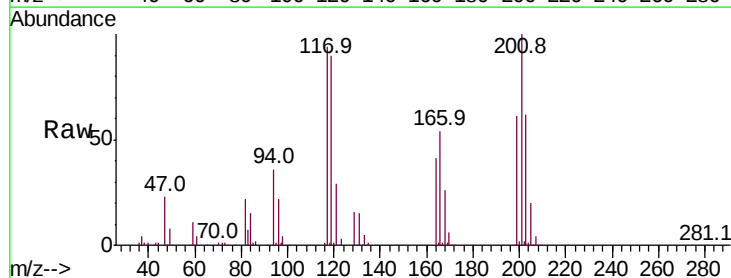
Instrument :
BNA_M
ClientSampleId :
PB120038BSD

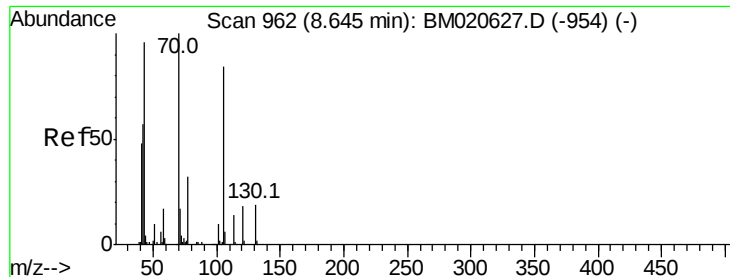
Tot Ion	Ratio	Lower	Upper
107	100		
108	108.9	88.6	133.0
77	48.6	40.6	61.0
79	48.8	39.9	59.9



#18
Hexachloroethane
Concen: 37.770 ng
RT: 8.89 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.7	115.1
201	106.4	77.9	116.9

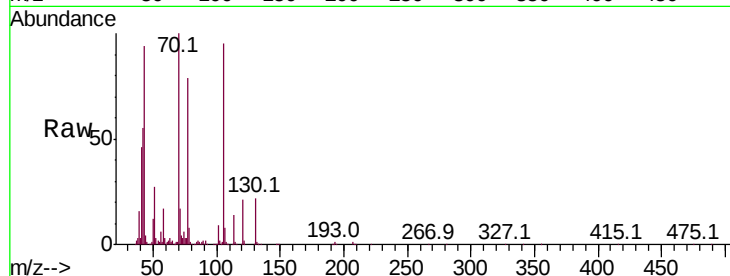




#19
n-Nitroso-di-n-propylamine
Concen: 35.010 ng
RT: 8.63 min Scan# 960
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:	70	Resp:	793017
Ion	Ratio	Lower	Upper
70	100		
42	55.0	46.8	70.2
101	9.2	7.8	11.6
130	21.6	15.0	22.6



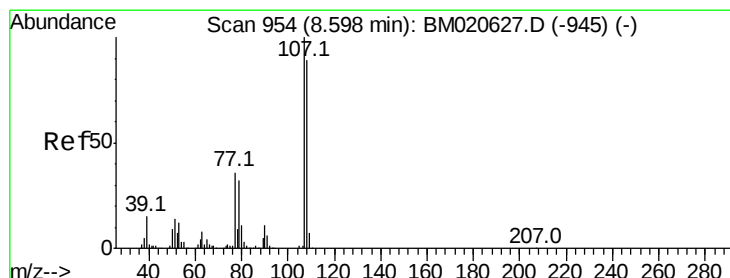
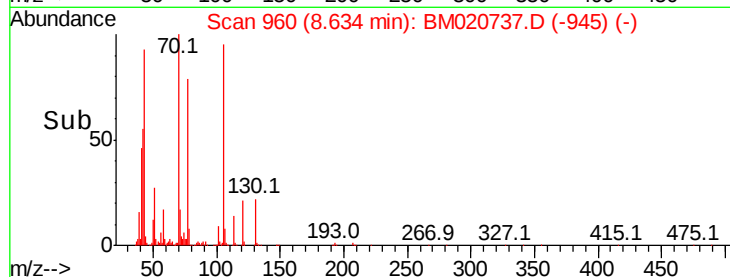
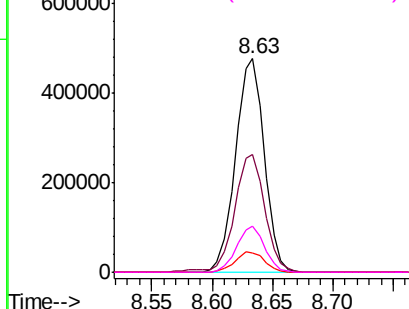
Abundance

Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

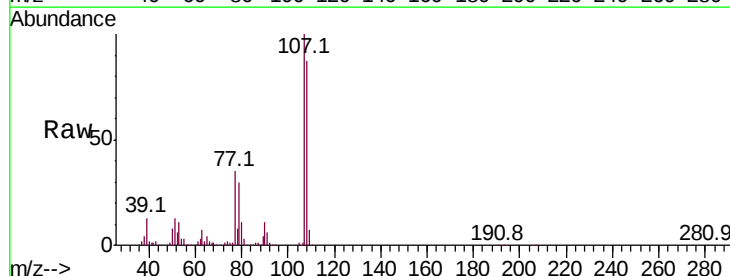
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 40.273 ng
RT: 8.59 min Scan# 952
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:	107	Resp:	1170035
Ion	Ratio	Lower	Upper
107	100		
108	86.8	69.2	109.2
77	35.0	16.2	56.2
79	29.9	12.5	52.5



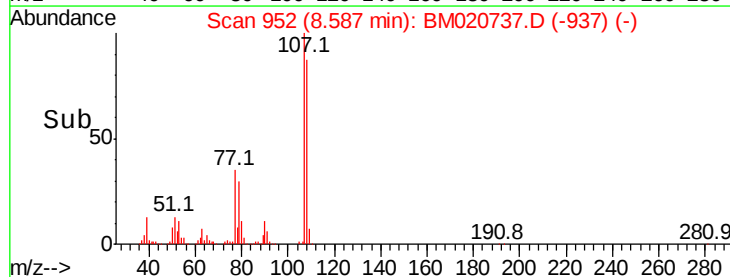
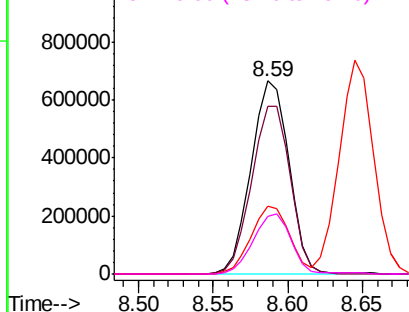
Abundance

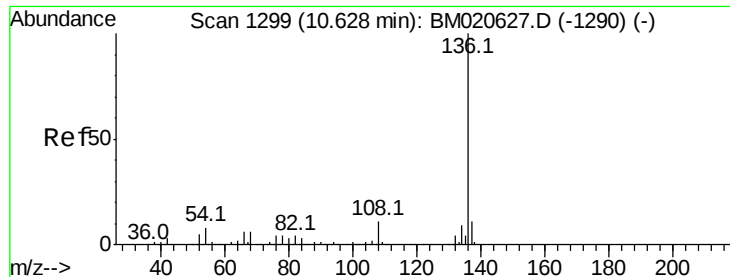
Ion 107.00 (106.70 to 107.70): E

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



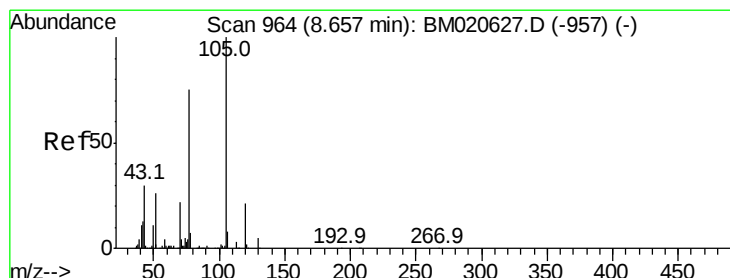
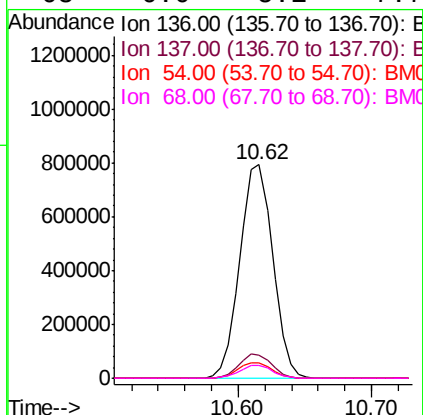
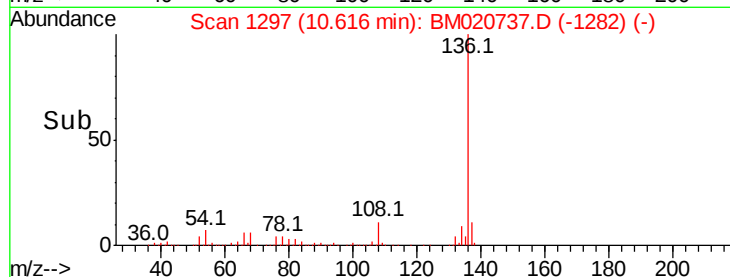
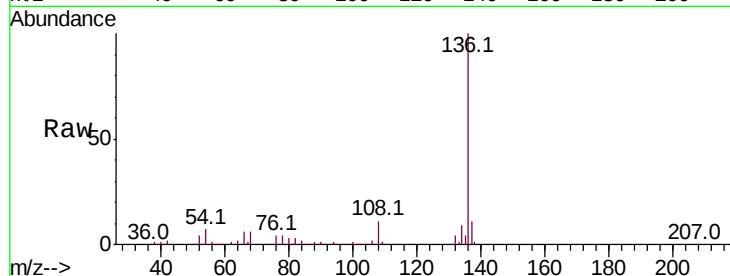


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:136 Resp: 1355226

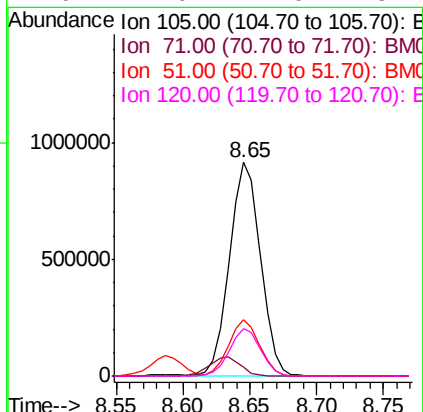
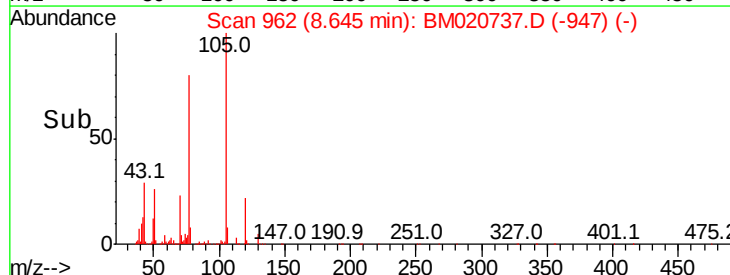
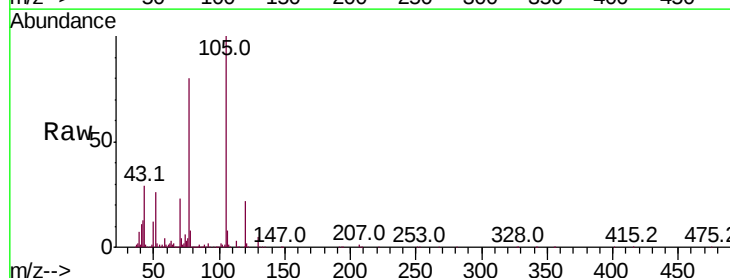
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	7.2	6.6	10.0
68	6.0	5.1	7.7

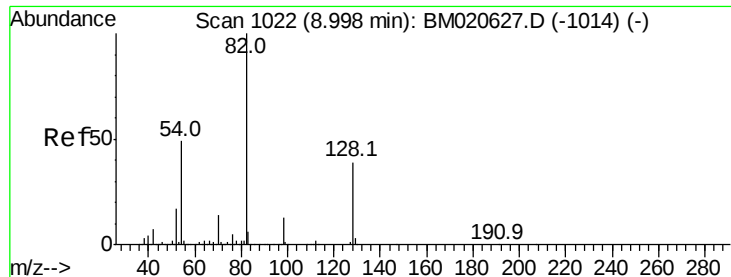


#22
Acetophenone
Concen: 43.034 ng
RT: 8.65 min Scan# 962
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:105 Resp: 1481540

Ion	Ratio	Lower	Upper
105	100		
71	4.0	3.2	4.8
51	26.4	22.8	34.2
120	22.0	17.0	25.4

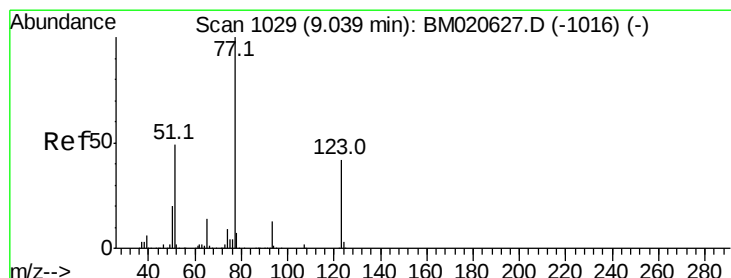
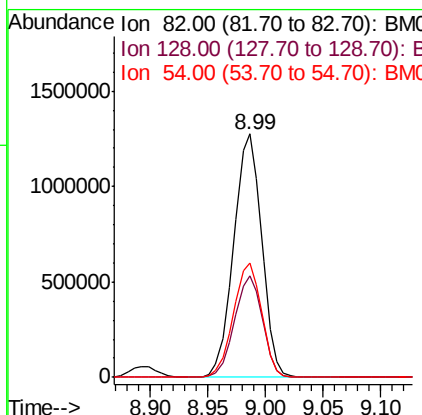
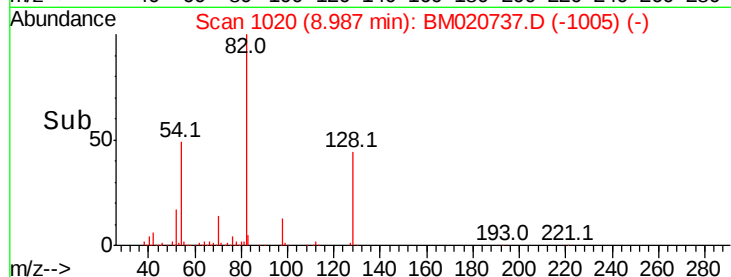
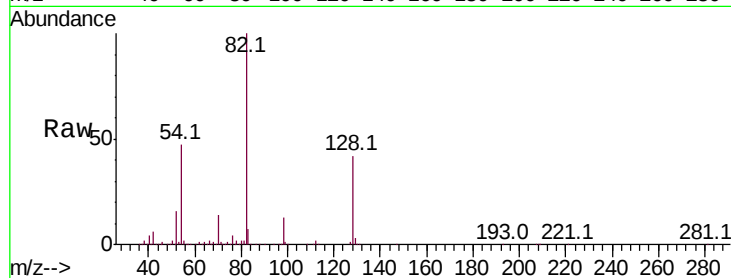




#23
 Nitrobenzene-d5
 Concen: 81.987 ng
 RT: 8.99 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

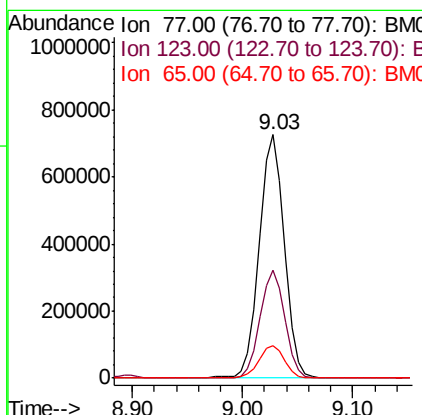
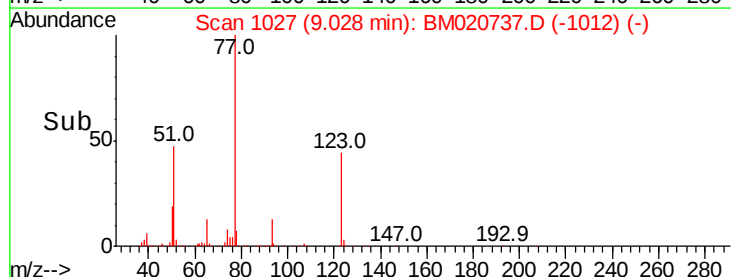
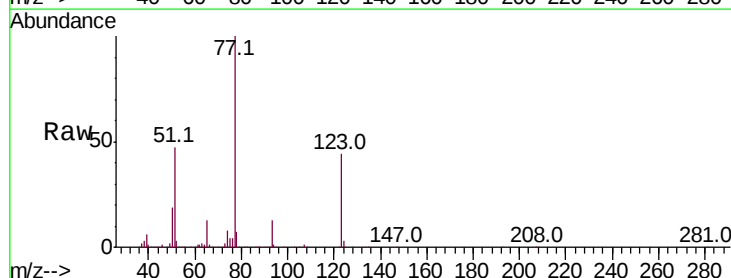
Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

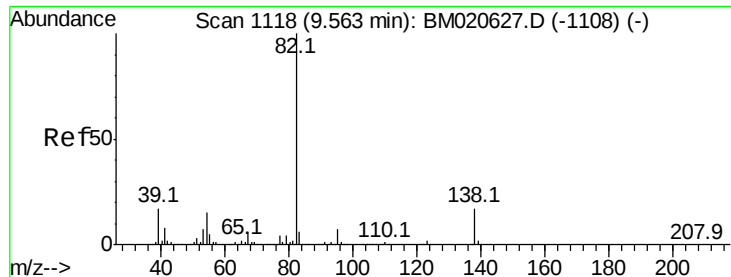
Tot Ion: 82 Resp: 2144516
 Ion Ratio Lower Upper
 82 100
 128 41.8 31.5 47.3
 54 47.0 39.4 59.0



#24
 Nitrobenzene
 Concen: 43.332 ng
 RT: 9.03 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Tgt Ion: 77 Resp: 1157067
 Ion Ratio Lower Upper
 77 100
 123 44.2 33.7 50.5
 65 13.5 11.0 16.6





#25

Isophorone

Concen: 40.358 ng

RT: 9.55 min Scan# 1116

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

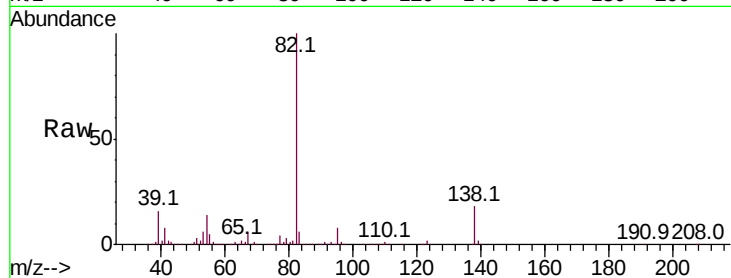
Tot Ion: 82 Resp: 2099821

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

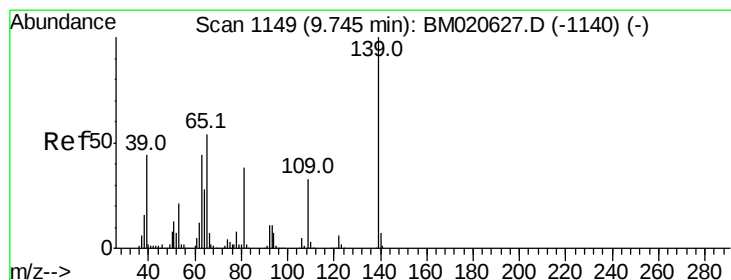
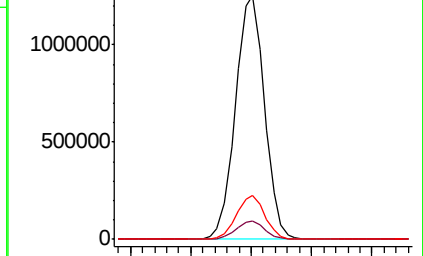
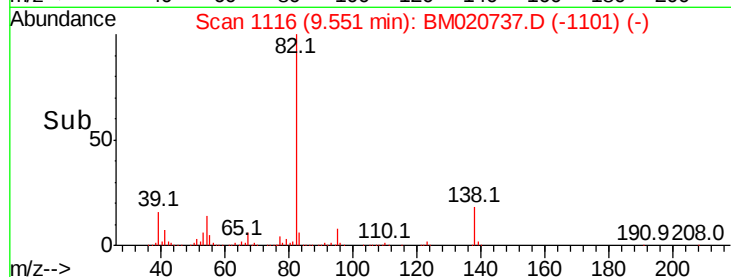
138 17.9 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BM020737.D (-1108) (-)

Ion 95.00 (94.70 to 95.70): BM020737.D (-1108) (-)

Ion 138.00 (137.70 to 138.70): BM020737.D (-1108) (-)



#26

2-Nitrophenol

Concen: 51.622 ng

RT: 9.73 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

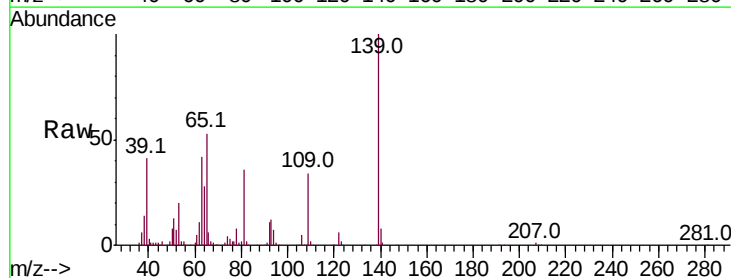
Tgt Ion: 139 Resp: 513737

Ion Ratio Lower Upper

139 100

109 34.0 26.1 39.1

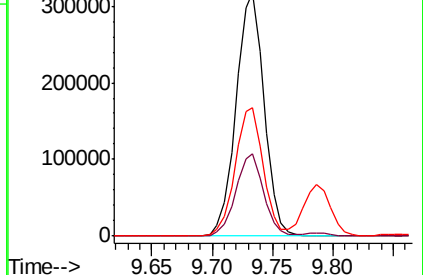
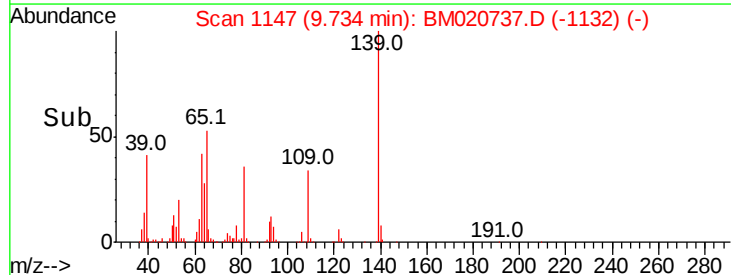
65 52.6 43.4 65.0

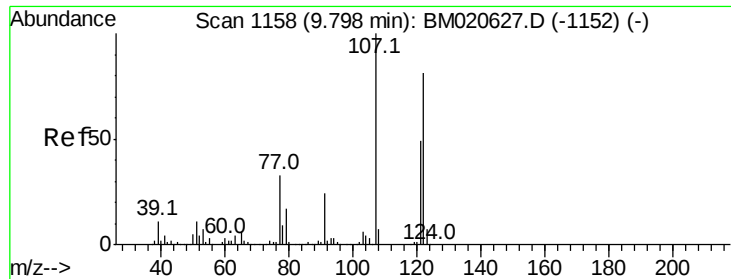


Abundance Ion 139.00 (138.70 to 139.70): BM020737.D (-1140) (-)

Ion 109.00 (108.70 to 109.70): BM020737.D (-1140) (-)

Ion 65.00 (64.70 to 65.70): BM020737.D (-1140) (-)





#27

2,4-Dimethylphenol

Concen: 50.774 ng

RT: 9.79 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

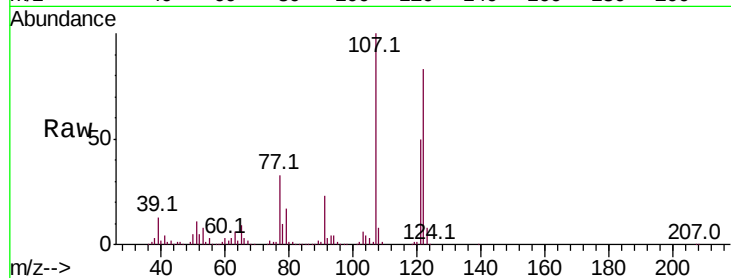
Tot Ion:122 Resp: 946852

Ion Ratio Lower Upper

122 100

107 121.0 98.0 147.0

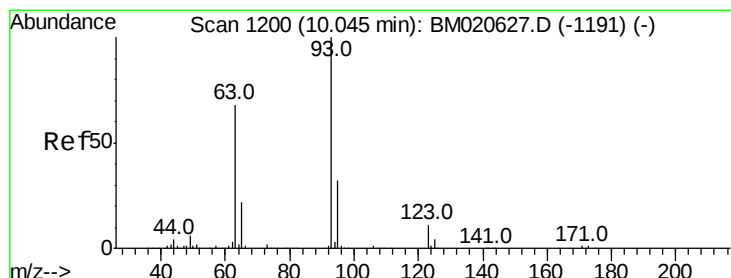
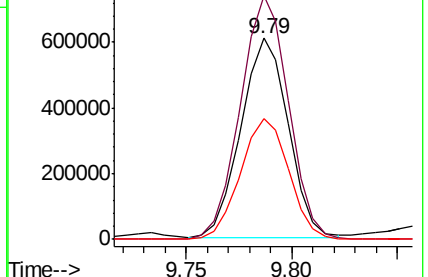
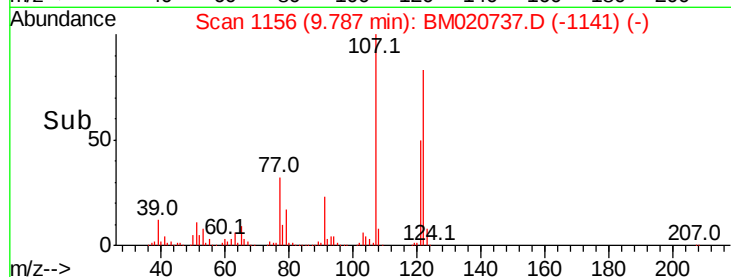
121 60.3 48.2 72.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.952 ng

RT: 10.03 min Scan# 1198

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

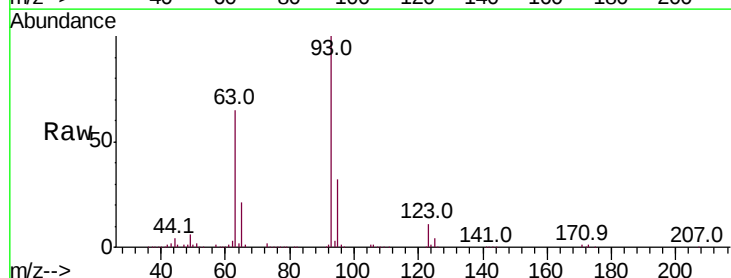
Tgt Ion: 93 Resp: 1288309

Ion Ratio Lower Upper

93 100

95 32.2 25.8 38.6

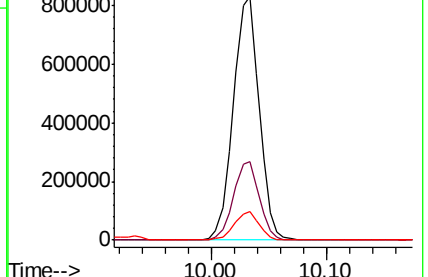
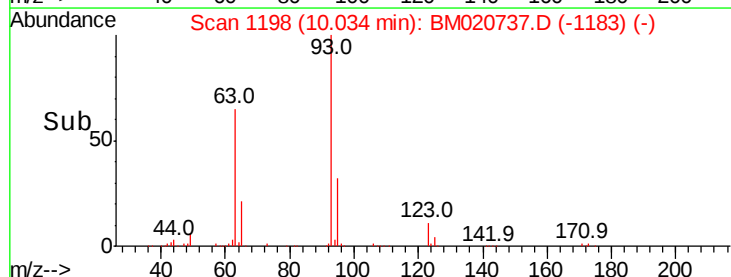
123 11.5 9.0 13.6

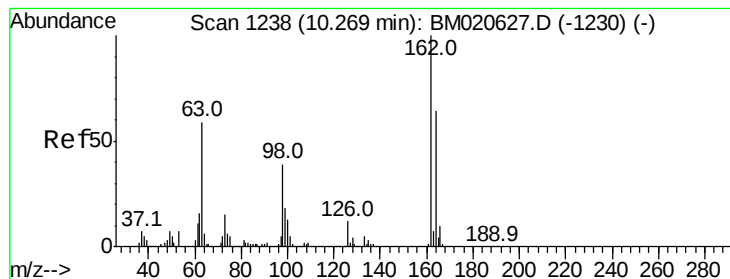


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.226 ng

RT: 10.26 min Scan# 1236

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

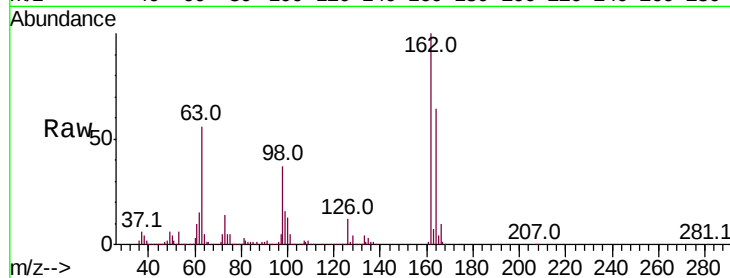
Tot Ion:162 Resp: 994997

Ion Ratio Lower Upper

162 100

164 63.6 43.8 83.8

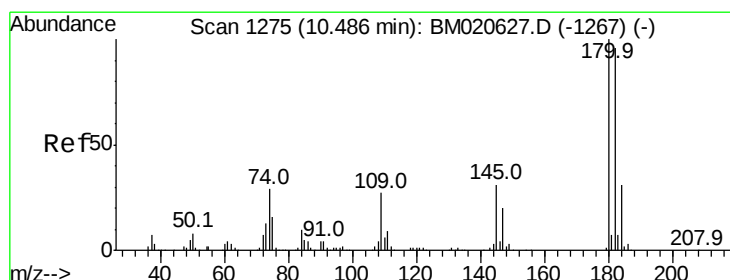
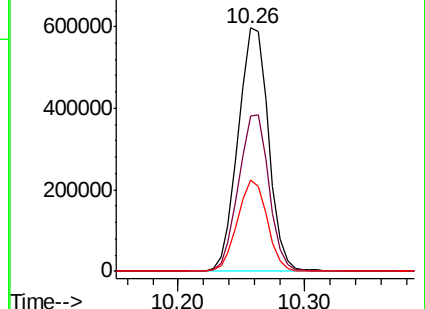
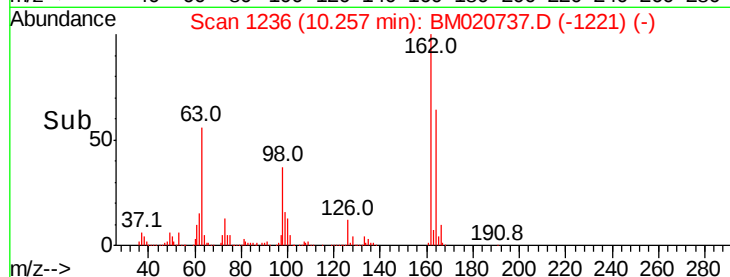
98 37.4 19.1 59.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 44.466 ng

RT: 10.47 min Scan# 1273

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

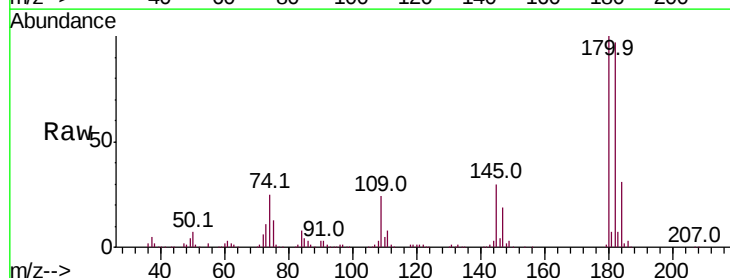
Tgt Ion:180 Resp: 1054900

Ion Ratio Lower Upper

180 100

182 97.3 77.0 115.6

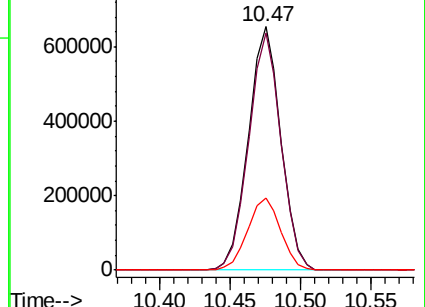
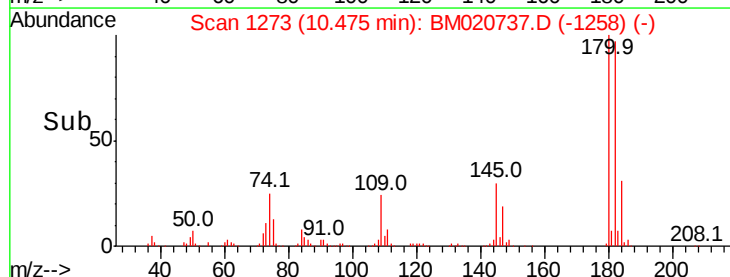
145 29.6 25.0 37.4

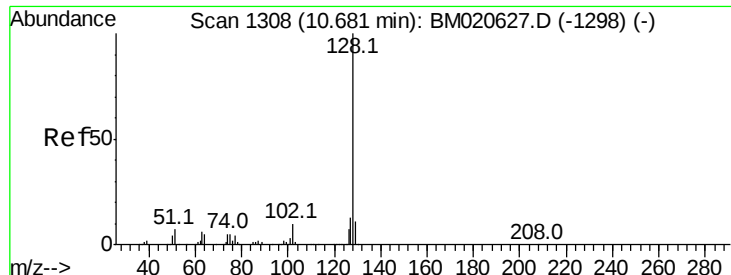


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

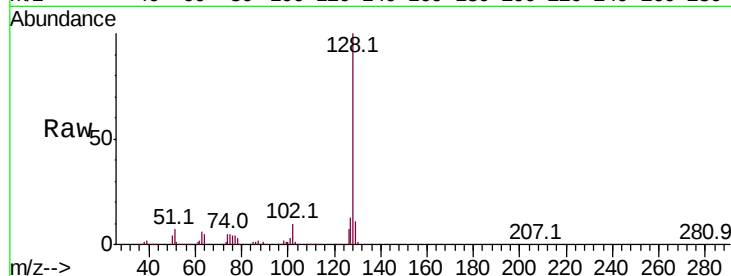




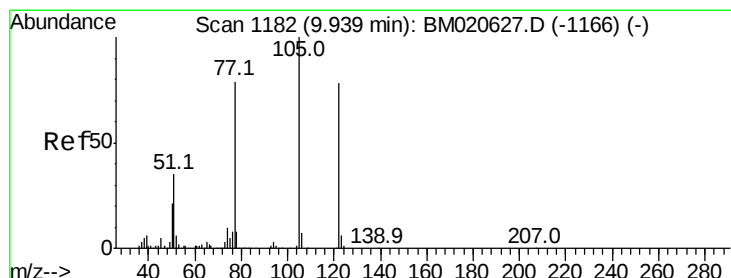
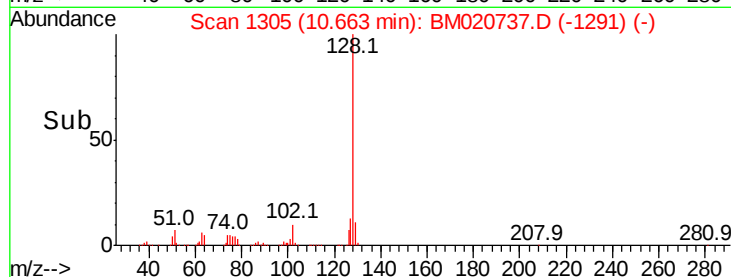
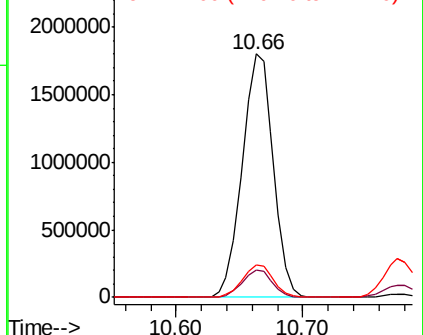
#31
Naphthalene
Concen: 43.743 ng
RT: 10.66 min Scan# 1305
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:128 Resp: 3048462
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.3 15.5

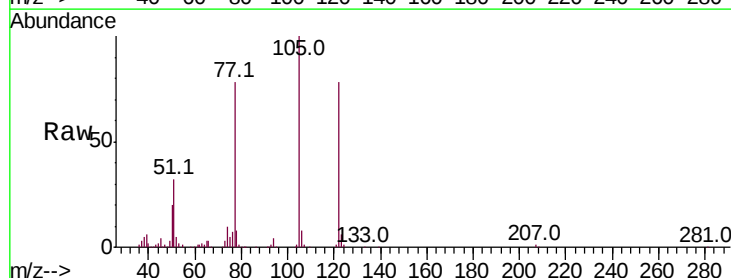


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

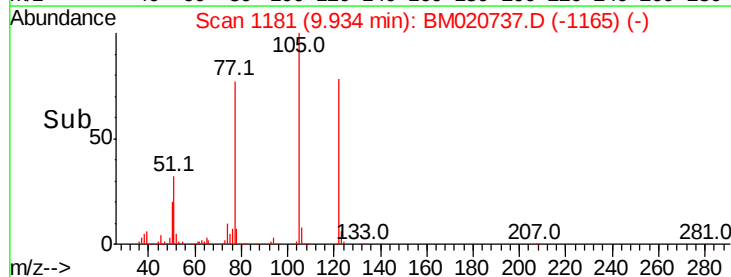
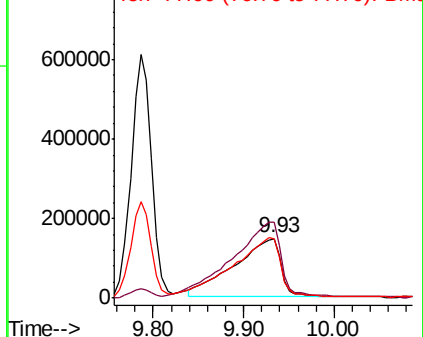


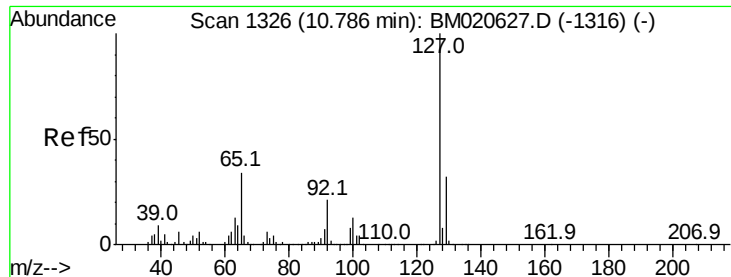
#32
Benzoic acid
Concen: 44.897 ng
RT: 9.93 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:122 Resp: 522623
Ion Ratio Lower Upper
122 100
105 128.2 107.0 147.0
77 99.6 80.9 120.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

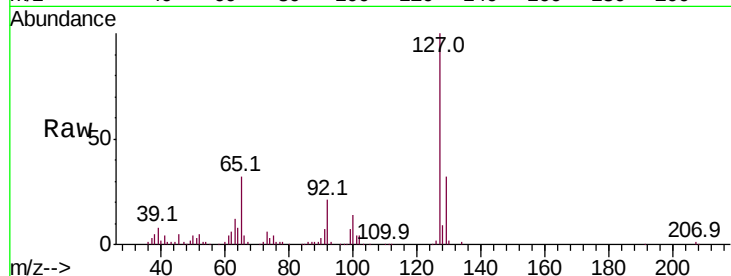




#33
4-Chloroaniline
Concen: 15.039 ng
RT: 10.77 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:	127	Resp:	487765
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	32.0	27.4	41.0
92	20.5	17.0	25.6



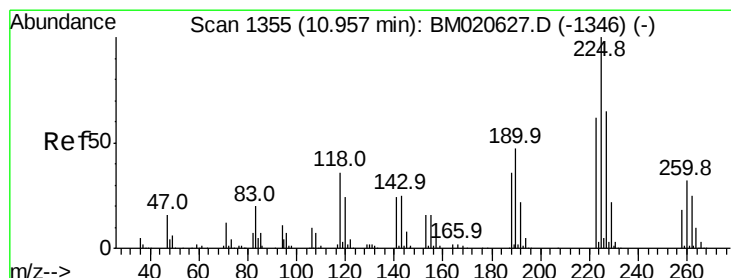
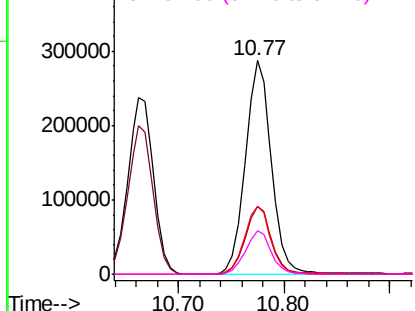
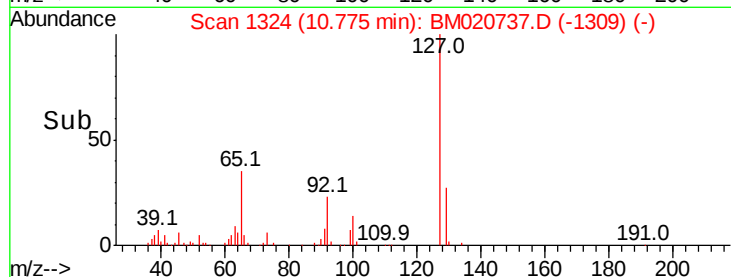
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

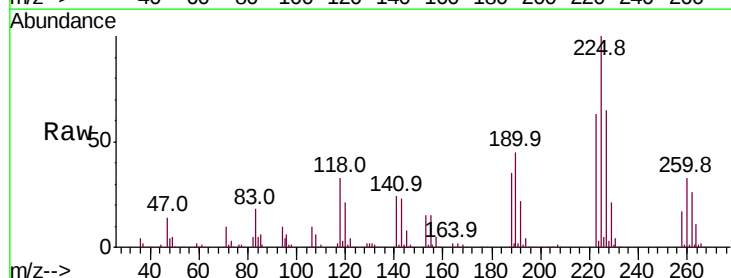
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 43.113 ng
RT: 10.94 min Scan# 1352
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:	225	Resp:	613693
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.7	74.5
227	65.1	51.8	77.8

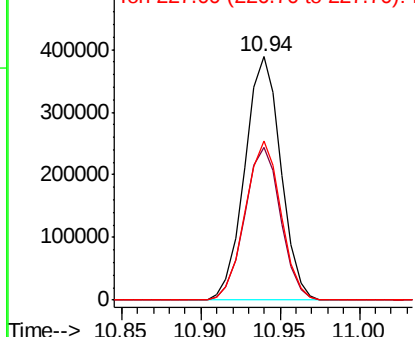
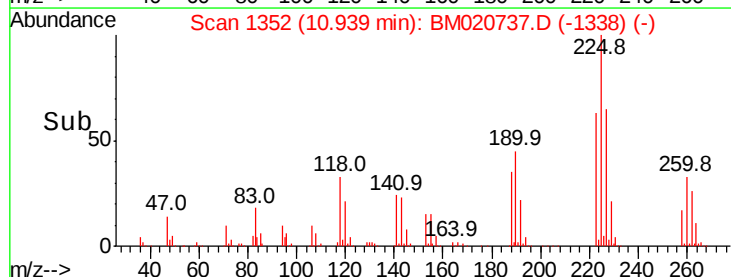


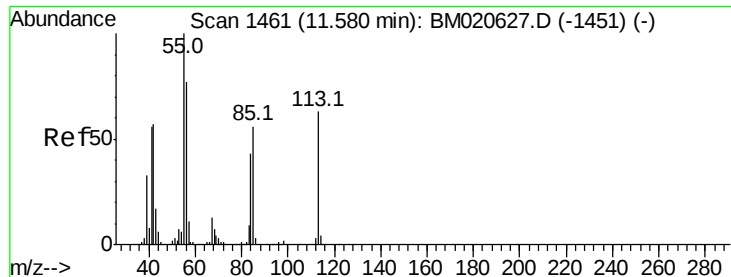
Abundance

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: 33.910 ng

RT: 11.57 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

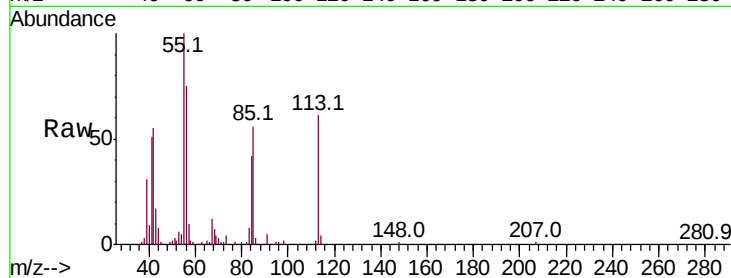
Tot Ion:113 Resp: 243053

Ion Ratio Lower Upper

113 100

55 162.9 138.6 178.6

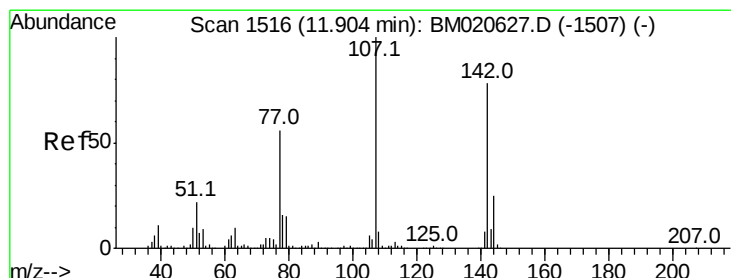
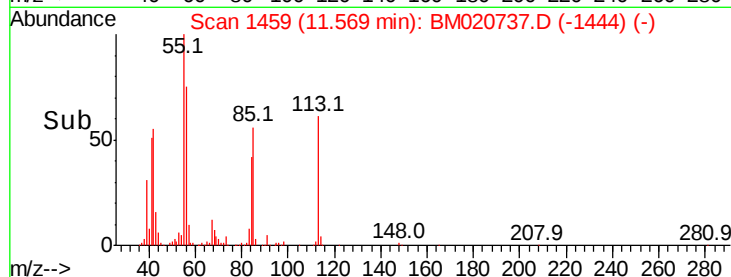
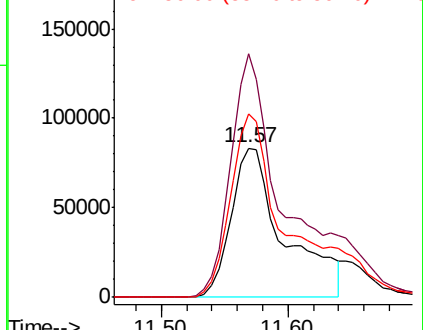
56 122.7 102.3 142.3



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: 42.213 ng

RT: 11.90 min Scan# 1515

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

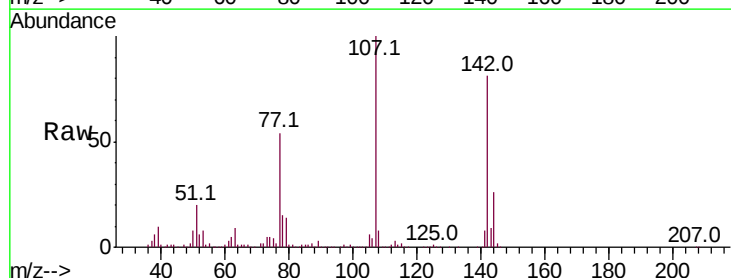
Tgt Ion:107 Resp: 1012605

Ion Ratio Lower Upper

107 100

144 26.0 20.3 30.5

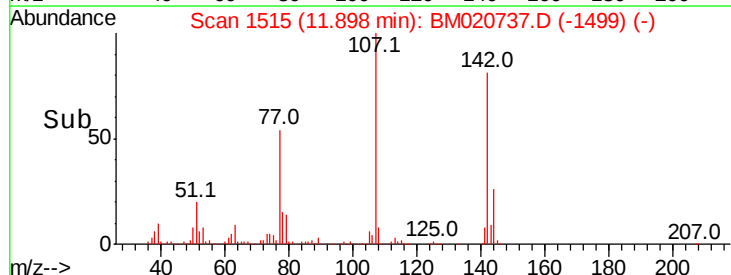
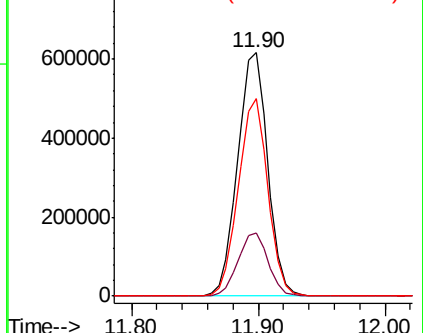
142 81.1 62.6 93.8

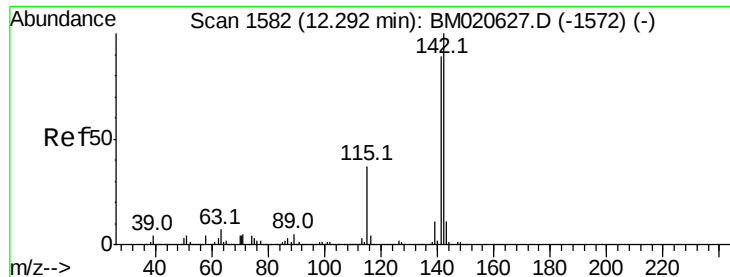


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

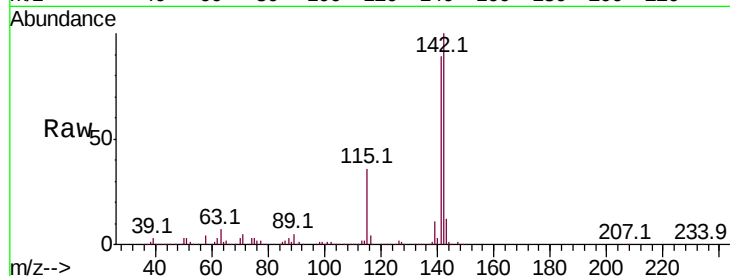




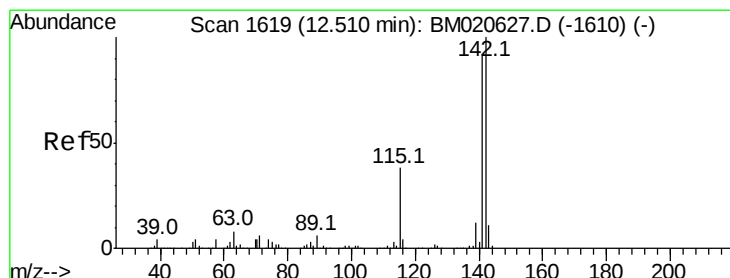
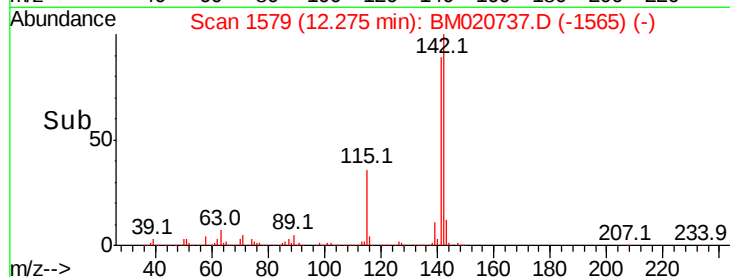
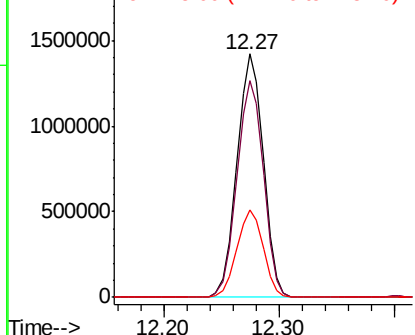
#37
2-Methylnaphthalene
Concen: 43.363 ng
RT: 12.27 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:142 Resp: 2239958
Ion Ratio Lower Upper
142 100
141 89.2 71.6 107.4
115 36.1 29.6 44.4

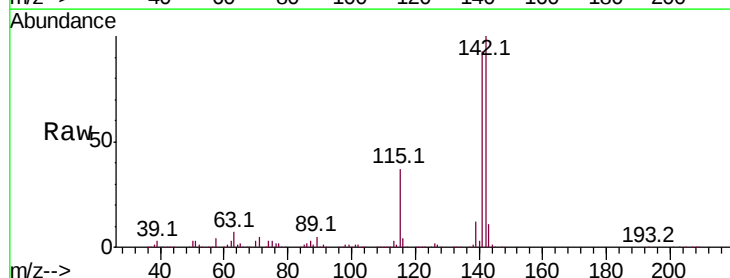


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

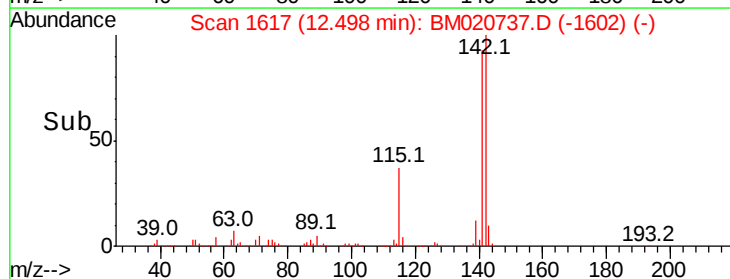
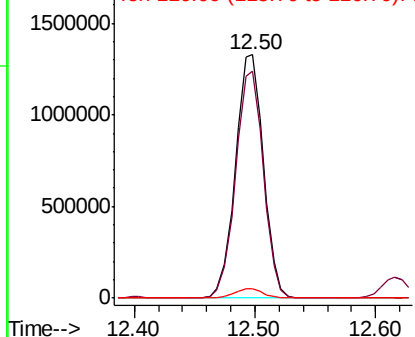


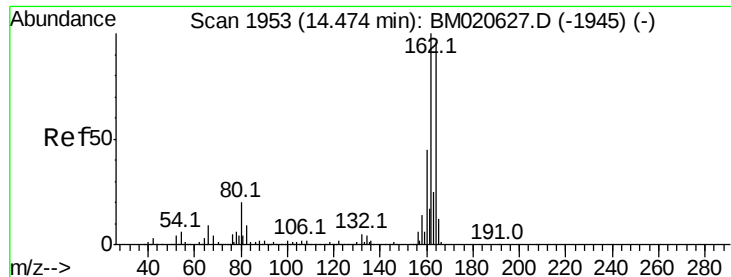
#38
1-Methylnaphthalene
Concen: 43.518 ng
RT: 12.50 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:142 Resp: 2140500
Ion Ratio Lower Upper
142 100
141 93.1 73.9 110.9
116 3.8 3.2 4.8



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.46 min Scan# 1950

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

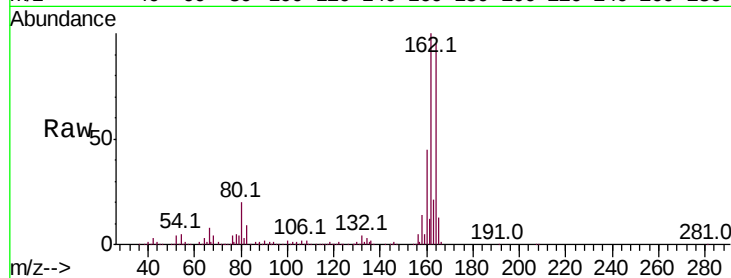
Tot Ion:164 Resp: 747275

Ion Ratio Lower Upper

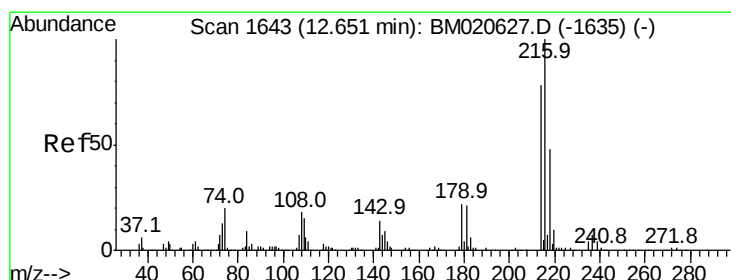
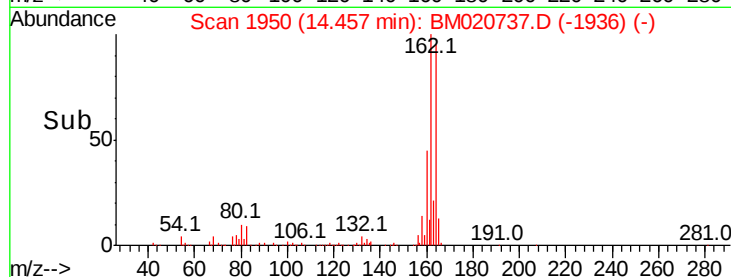
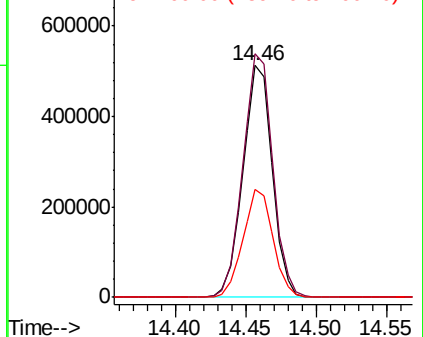
164 100

162 105.0 83.2 124.8

160 46.7 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.030 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Tgt Ion:216 Resp: 1176215

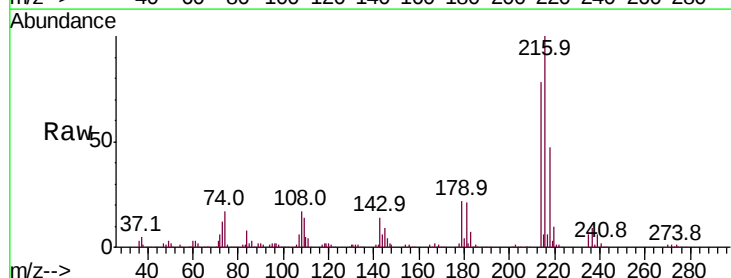
Ion Ratio Lower Upper

216 100

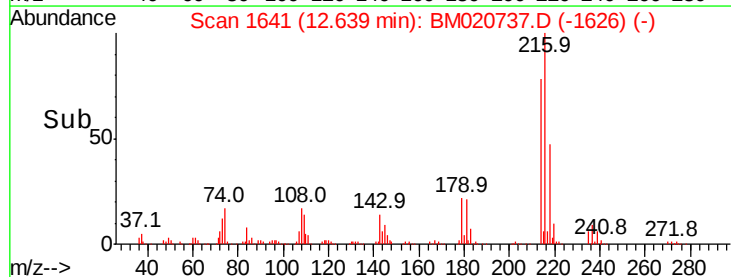
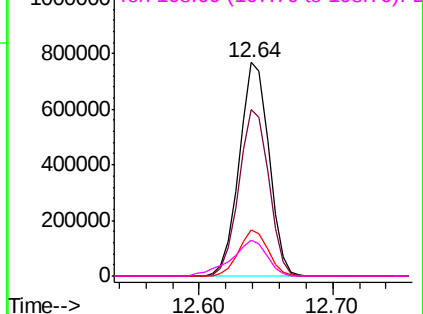
214 78.6 63.0 94.4

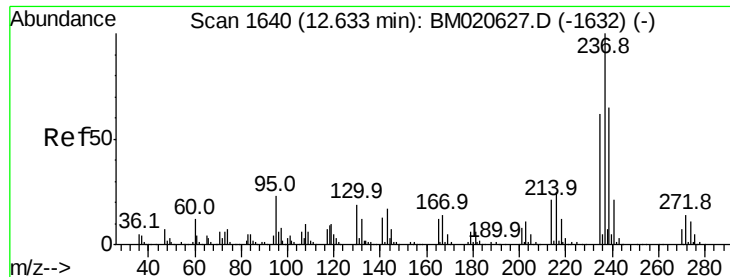
179 21.4 17.9 26.9

108 20.1 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: 100.822 ng

RT: 12.62 min Scan# 1637

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

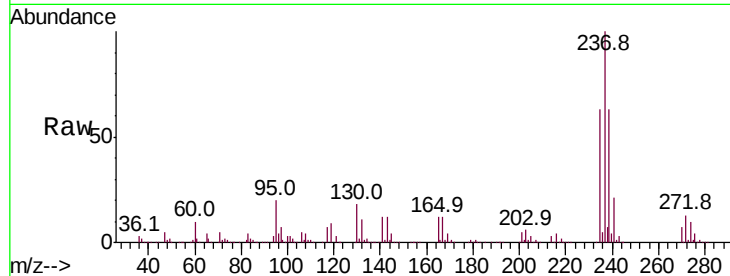
Tot Ion:237 Resp: 1476661

Ion Ratio Lower Upper

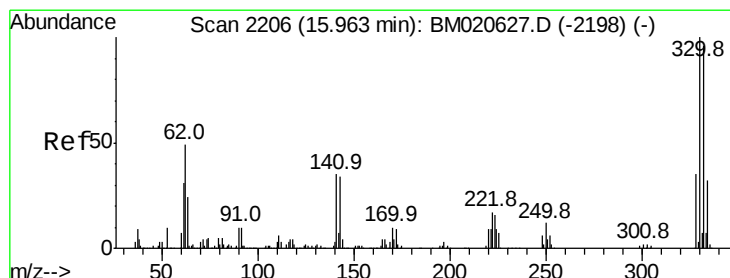
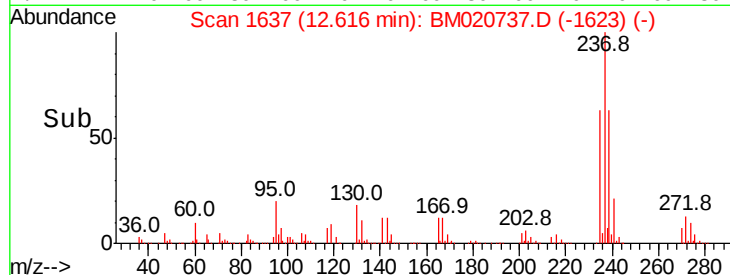
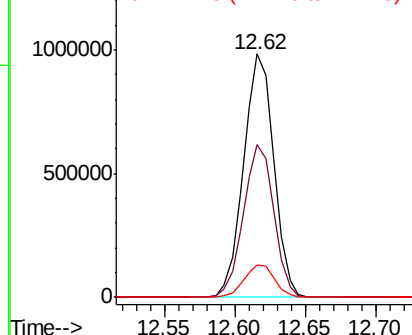
237 100

235 62.6 42.1 82.1

272 13.3 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: 139.786 ng

RT: 15.95 min Scan# 2204

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

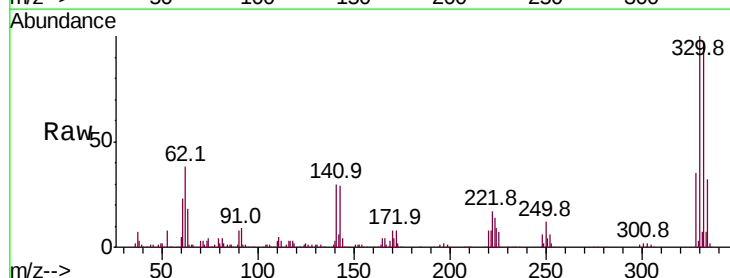
Tgt Ion:330 Resp: 1294233

Ion Ratio Lower Upper

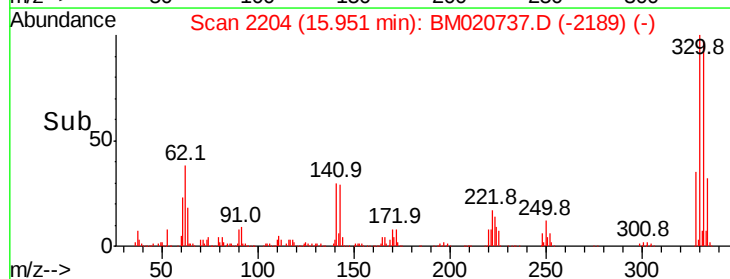
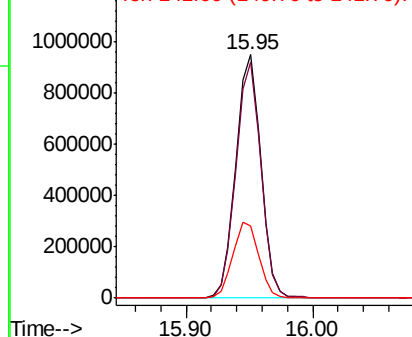
330 100

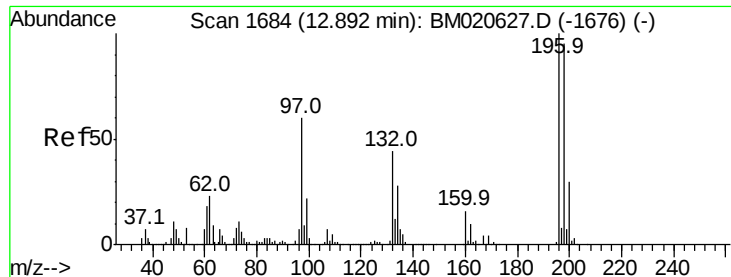
332 96.4 77.4 116.0

141 32.5 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

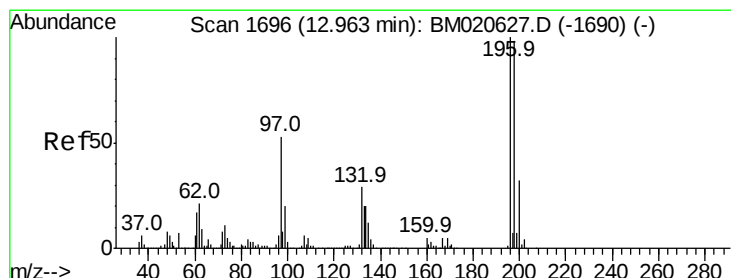
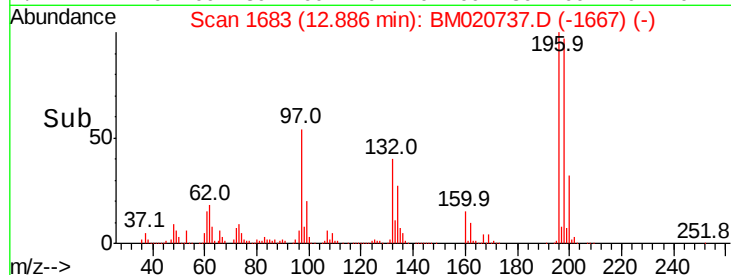
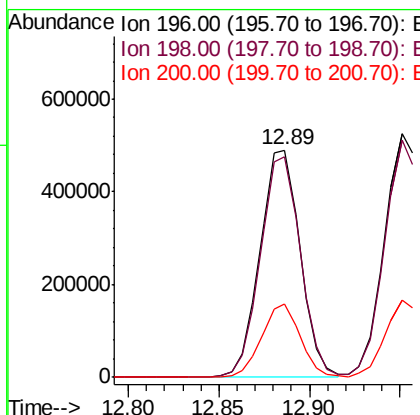
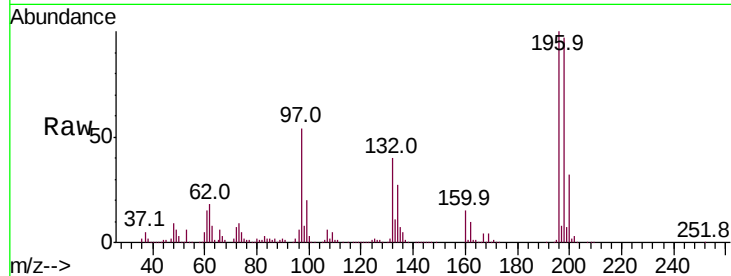




#43
 2,4,6-Trichlorophenol
 Concen: 48.031 ng
 RT: 12.89 min Scan# 1683
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

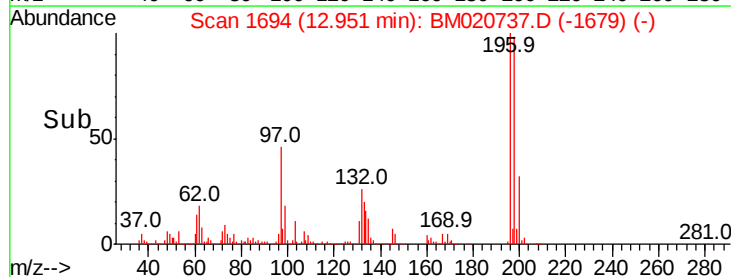
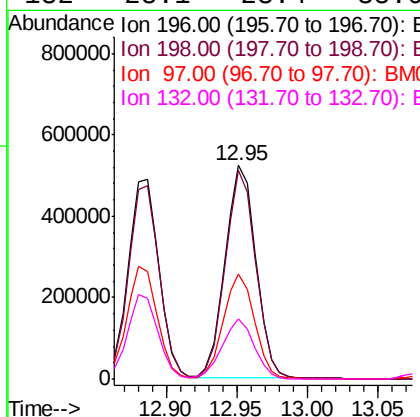
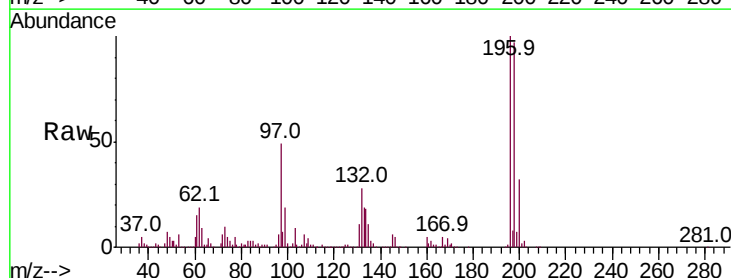
Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

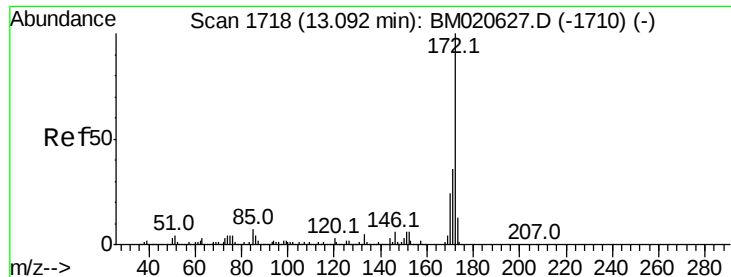
Tot Ion:196 Resp: 757122
 Ion Ratio Lower Upper
 196 100
 198 96.9 75.7 113.5
 200 32.1 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 48.980 ng
 RT: 12.95 min Scan# 1694
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Tgt Ion:196 Resp: 797079
 Ion Ratio Lower Upper
 196 100
 198 97.5 78.6 117.8
 97 49.0 42.7 64.1
 132 28.1 23.4 35.0

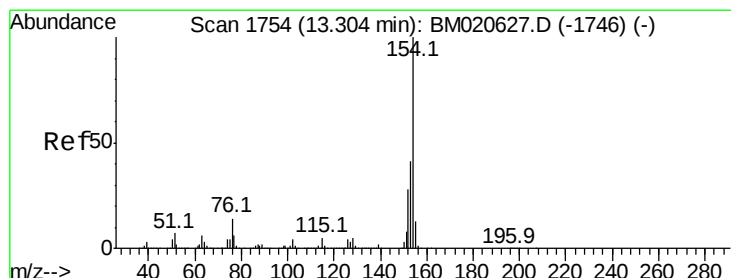
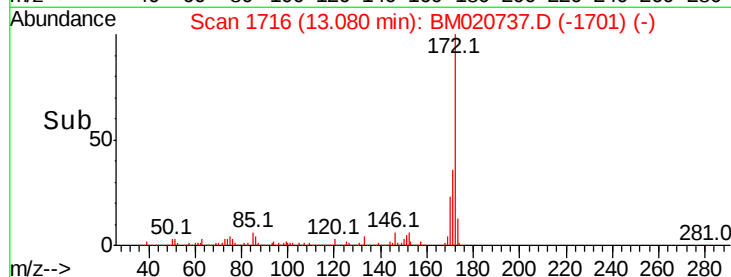
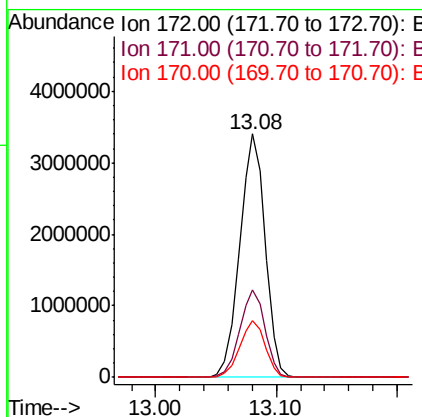
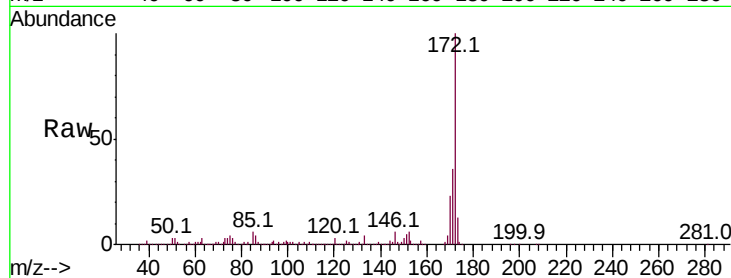




#45
2-Fluorobiphenyl
Concen: 88.545 ng
RT: 13.08 min Scan# 1716
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

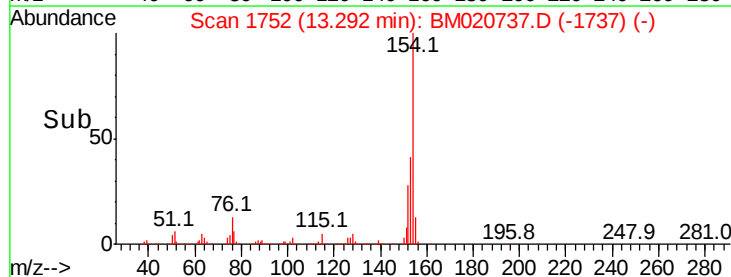
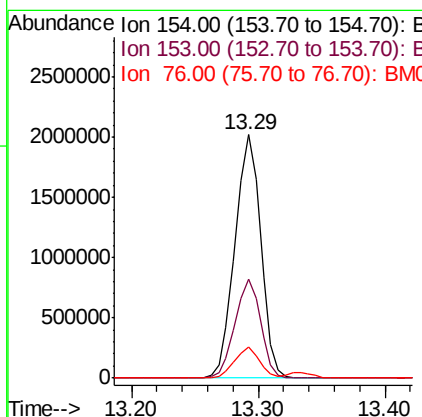
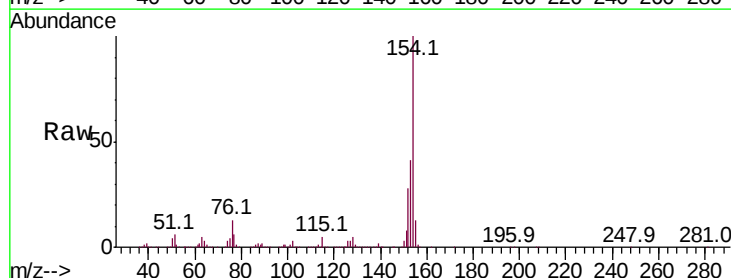
Instrument :
BNA_M
ClientSampleId :
PB120038BSD

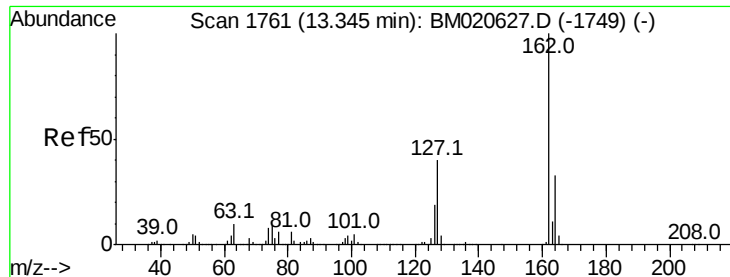
Tot Ion:172 Resp: 4977040
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.4 18.9 28.3



#46
1,1'-Biphenyl
Concen: 45.381 ng
RT: 13.29 min Scan# 1752
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:154 Resp: 2832246
Ion Ratio Lower Upper
154 100
153 40.6 20.7 60.7
76 12.5 0.0 34.0

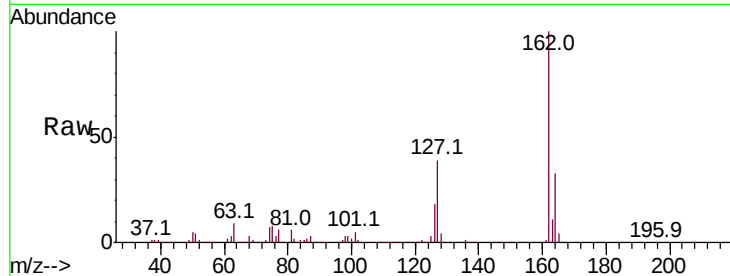




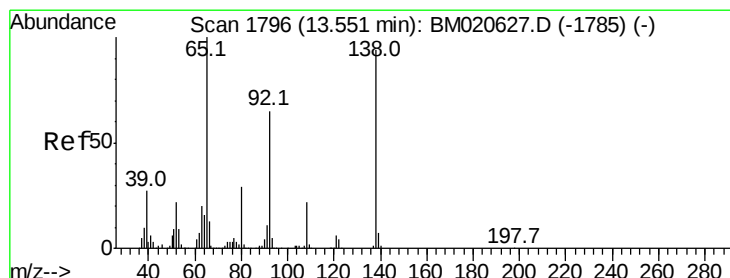
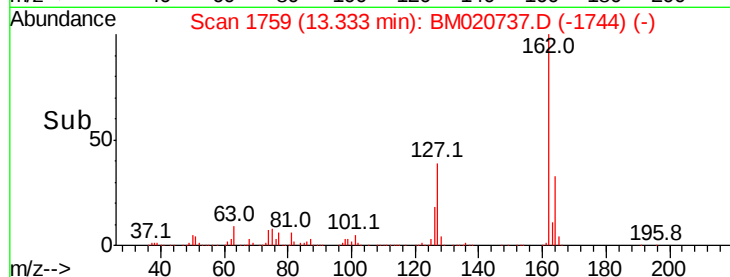
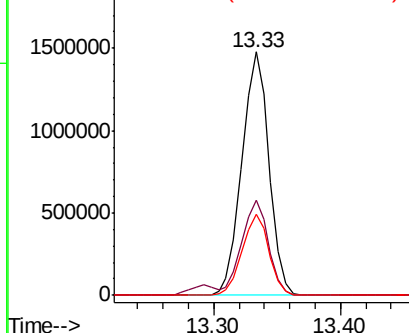
#47
2-Chloronaphthalene
Concen: 43.357 ng
RT: 13.33 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:162 Resp: 2183924
Ion Ratio Lower Upper
162 100
127 38.9 32.1 48.1
164 33.3 26.6 39.8

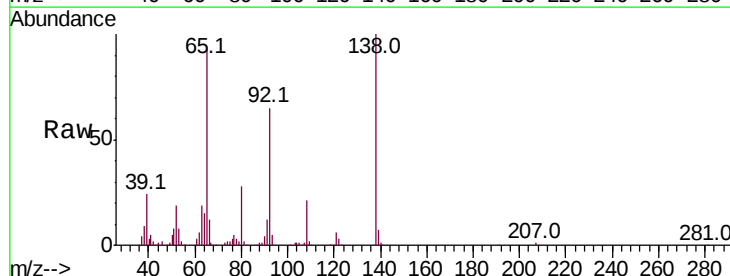


Abundance Ion 162.00 (161.70 to 162.70): E
2000000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

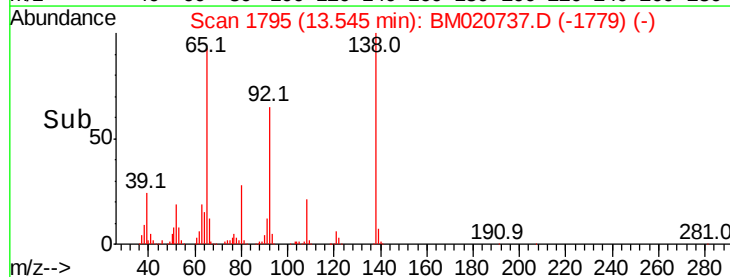
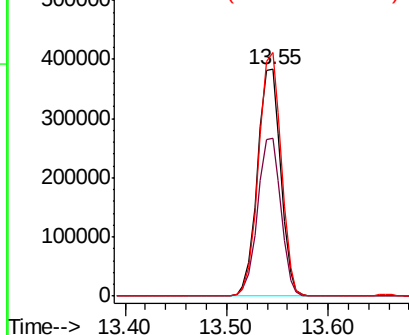


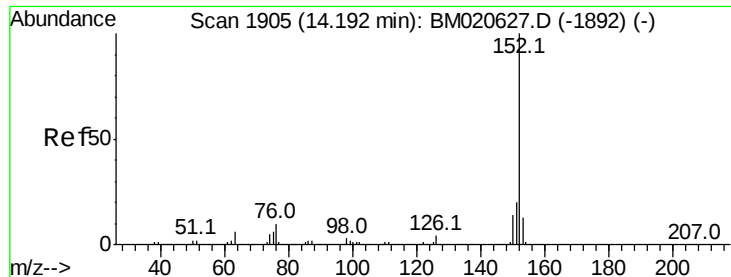
#48
2-Nitroaniline
Concen: 38.764 ng
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion: 65 Resp: 612837
Ion Ratio Lower Upper
65 100
92 69.9 52.2 78.4
138 107.5 75.4 113.0



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





#49

Acenaphthylene

Concen: 44.010 ng

RT: 14.18 min Scan# 1903

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

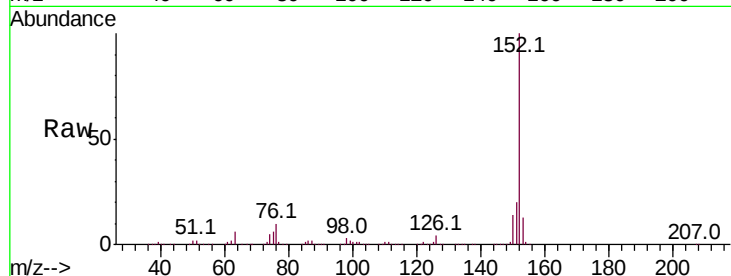
Tot Ion:152 Resp: 3458916

Ion Ratio Lower Upper

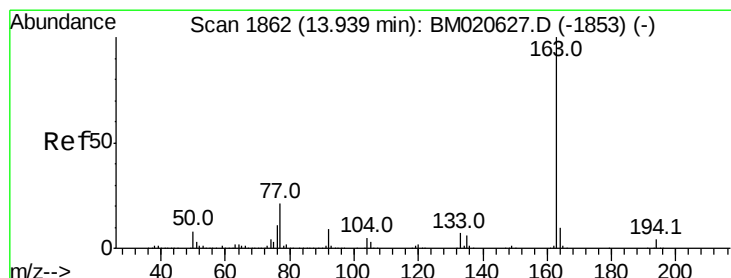
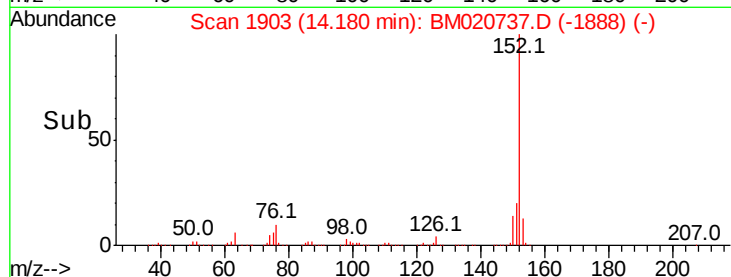
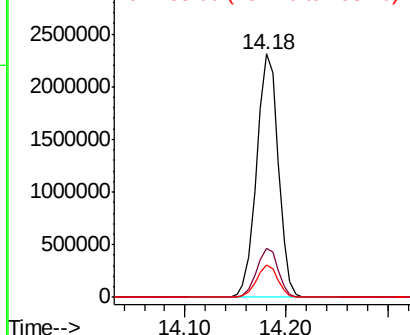
152 100

151 20.0 16.2 24.2

153 13.1 10.6 15.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 41.321 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

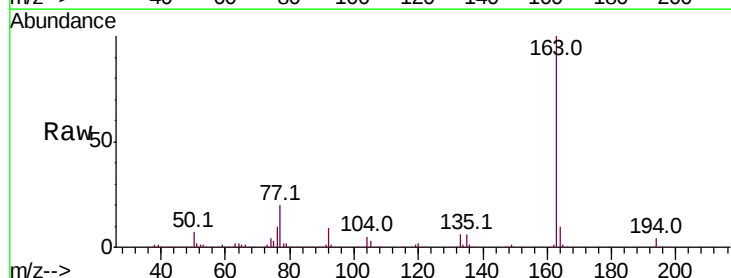
Tgt Ion:163 Resp: 2638104

Ion Ratio Lower Upper

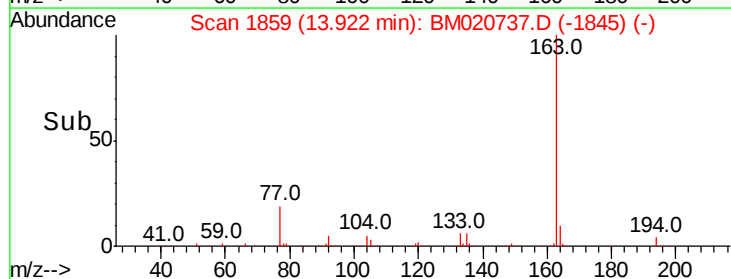
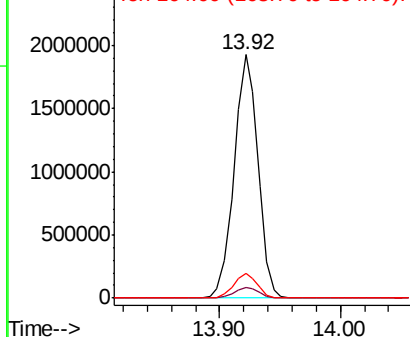
163 100

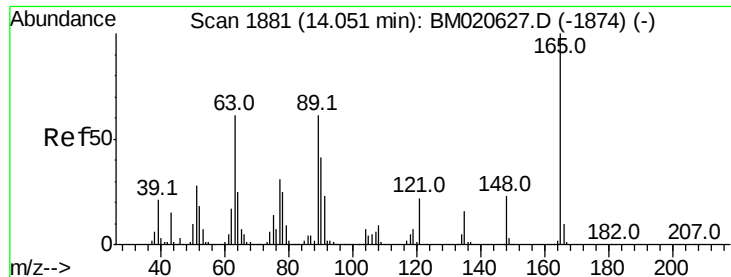
194 4.2 3.2 4.8

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

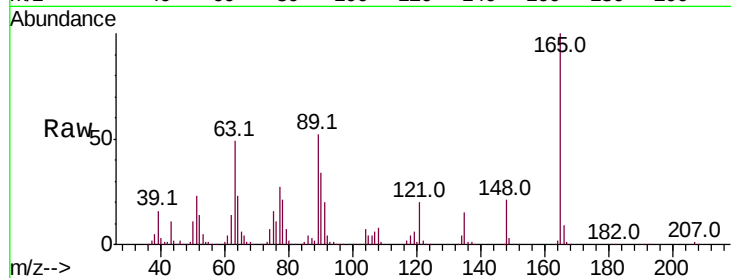




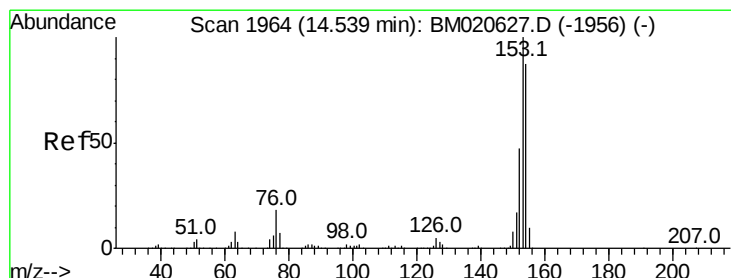
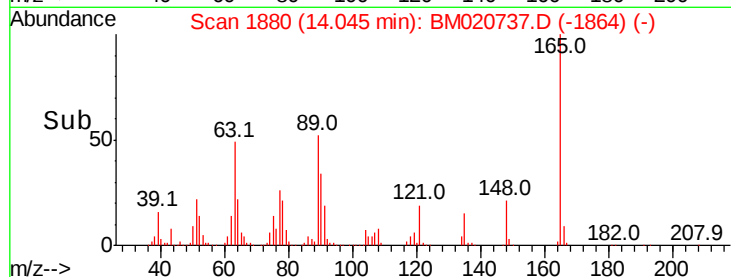
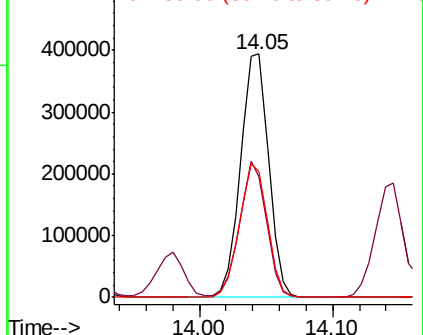
#51
2,6-Dinitrotoluene
Concen: 44.099 ng
RT: 14.05 min Scan# 1880
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:165 Resp: 571681
Ion Ratio Lower Upper
165 100
63 49.4 50.4 75.6#
89 51.9 49.1 73.7

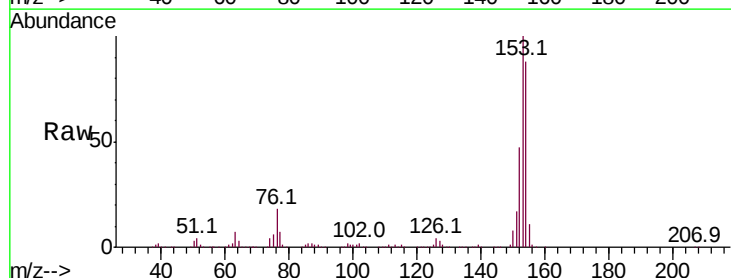


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

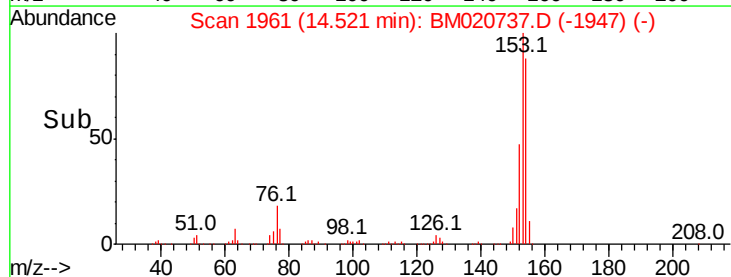
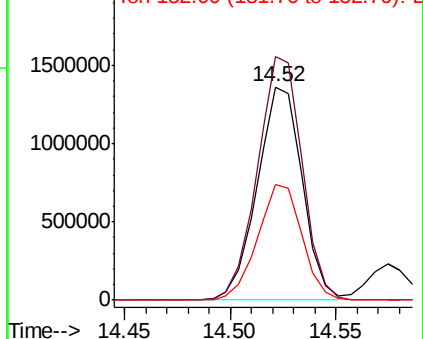


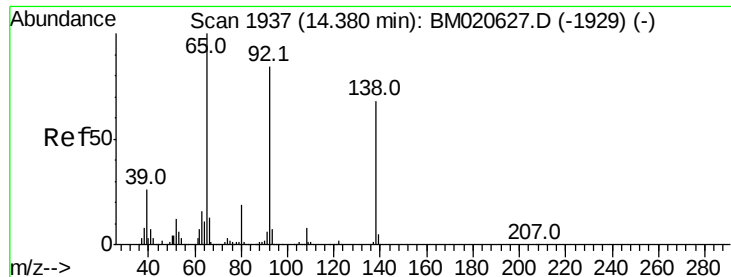
#52
Acenaphthene
Concen: 42.884 ng
RT: 14.52 min Scan# 1961
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:154 Resp: 2008537
Ion Ratio Lower Upper
154 100
153 114.3 92.4 138.6
152 54.1 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

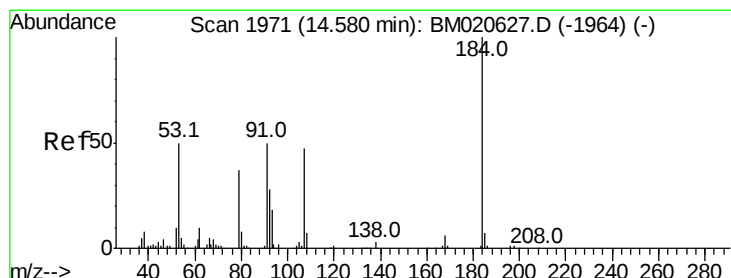
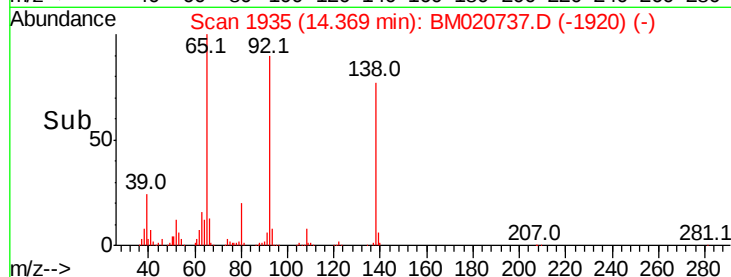
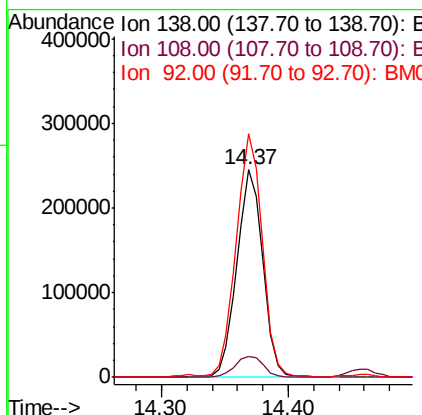
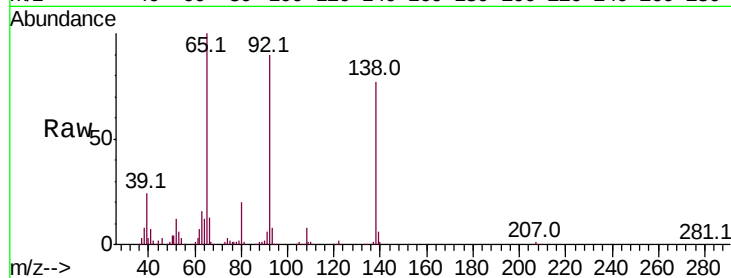




#53
3-Nitroaniline
Concen: 23.946 ng
RT: 14.37 min Scan# 1935
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

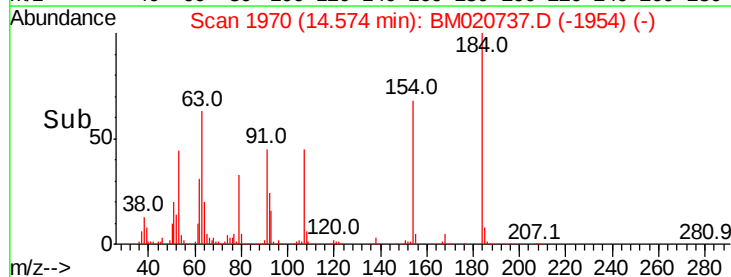
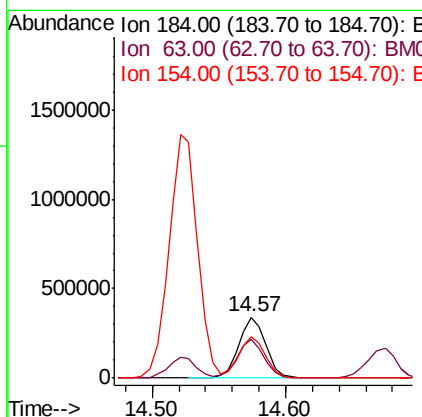
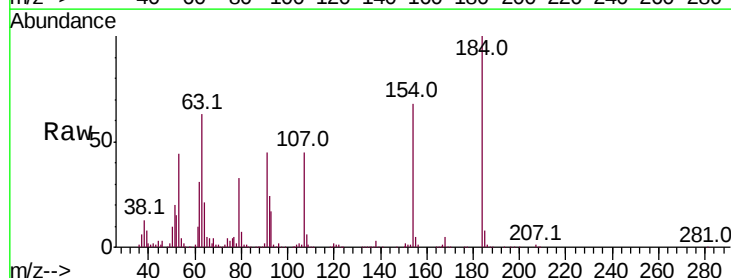
Instrument :
BNA_M
ClientSampleId :
PB120038BSD

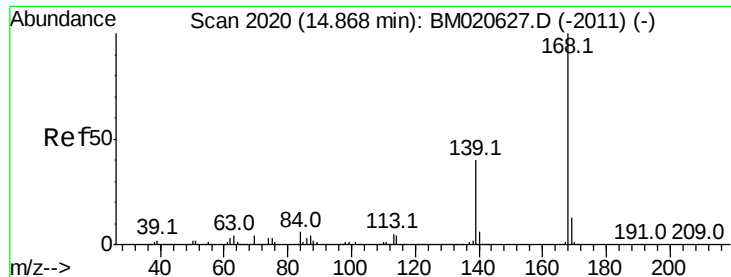
Tot Ion:138 Resp: 346487
Ion Ratio Lower Upper
138 100
108 10.3 9.5 14.3
92 117.5 99.6 149.4



#54
2,4-Dinitrophenol
Concen: 84.407 ng
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:184 Resp: 473187
Ion Ratio Lower Upper
184 100
63 63.1 59.3 88.9
154 67.8 56.5 84.7





#55

Dibenzofuran

Concen: 42.854 ng

RT: 14.86 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

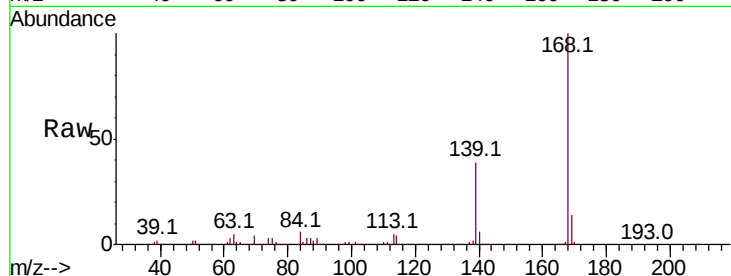
Tot Ion:168 Resp: 3117318

Ion Ratio Lower Upper

168 100

139 38.6 31.9 47.9

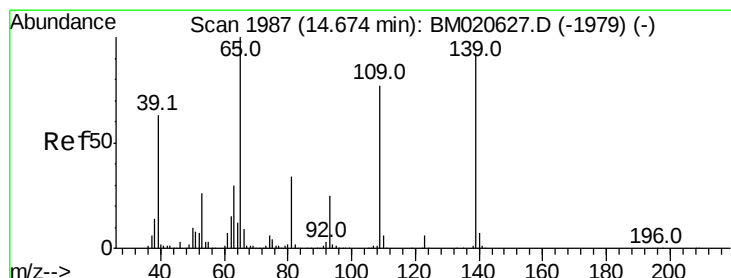
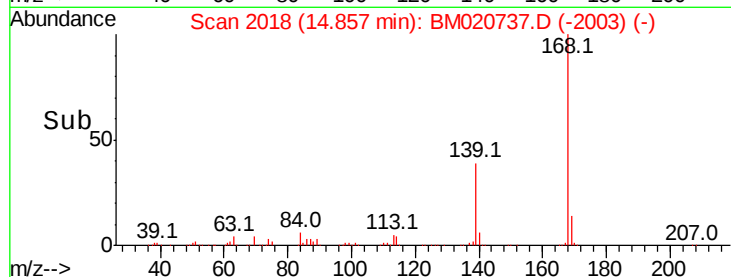
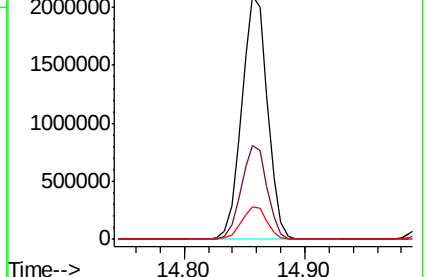
169 13.5 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.148 ng

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

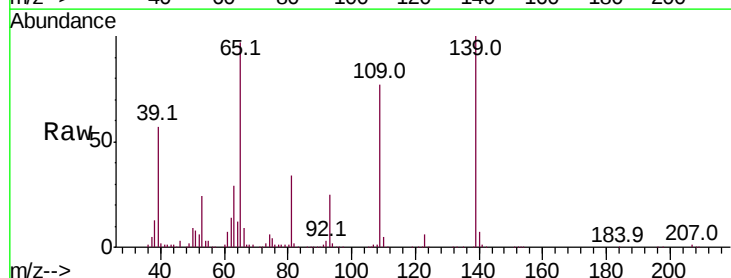
Tgt Ion:139 Resp: 865243

Ion Ratio Lower Upper

139 100

109 77.3 62.7 102.7

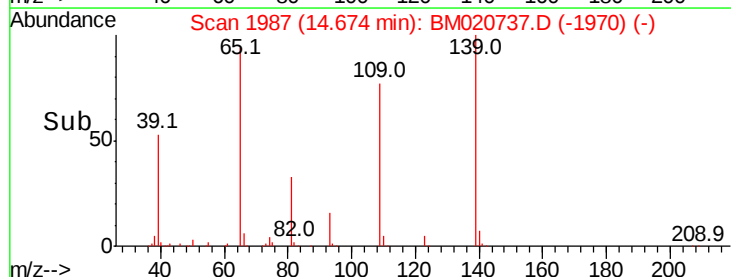
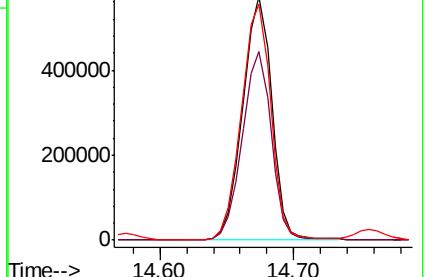
65 97.2 88.3 128.3

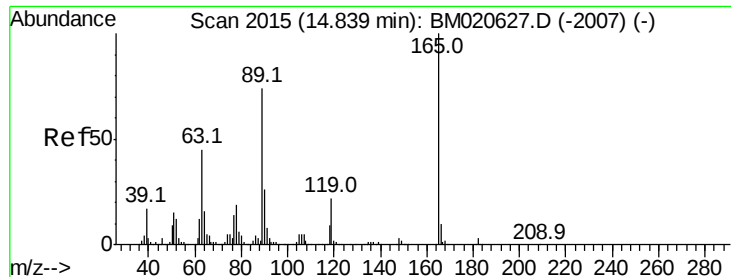


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

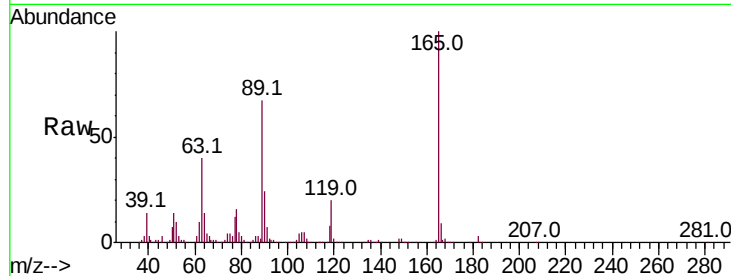




#57
2,4-Dinitrotoluene
Concen: 42.883 ng
RT: 14.83 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	36.3	54.5
89	66.5	59.0	88.6
182	2.7	2.2	3.4



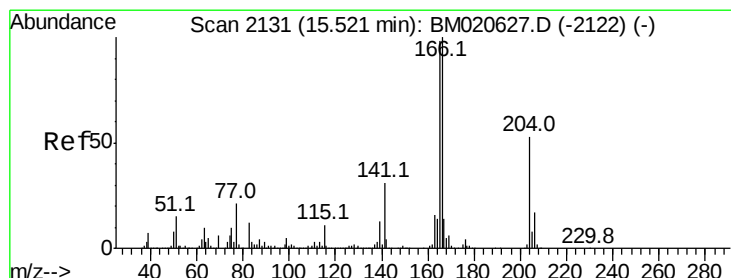
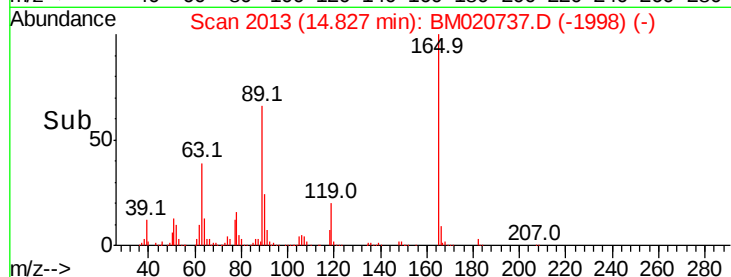
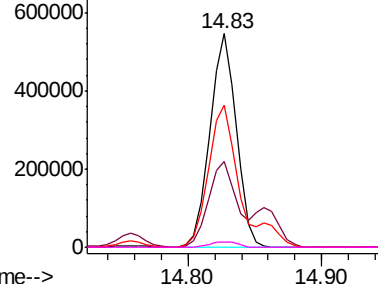
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

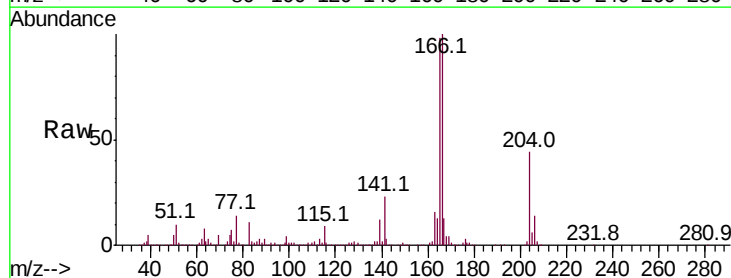
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 41.654 ng
RT: 15.51 min Scan# 2129
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	13.2	11.0	16.4

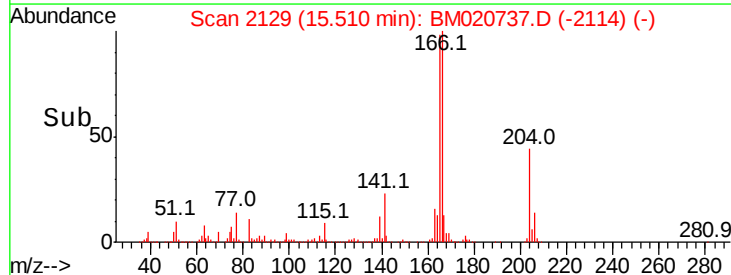
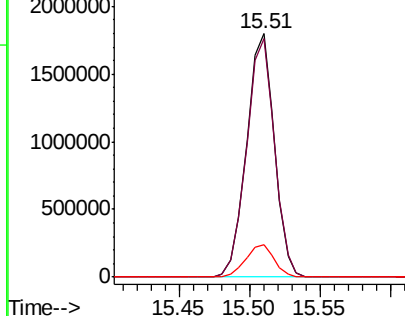


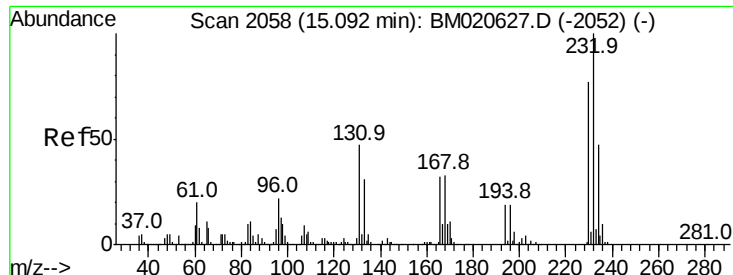
Abundance

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

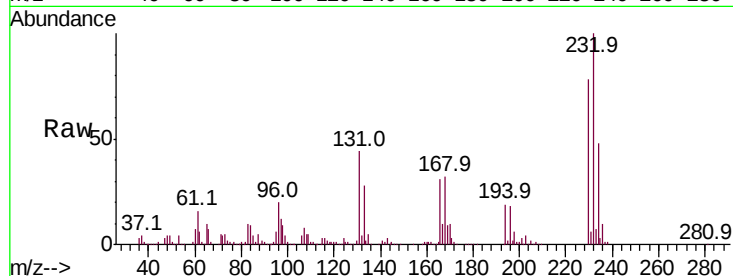




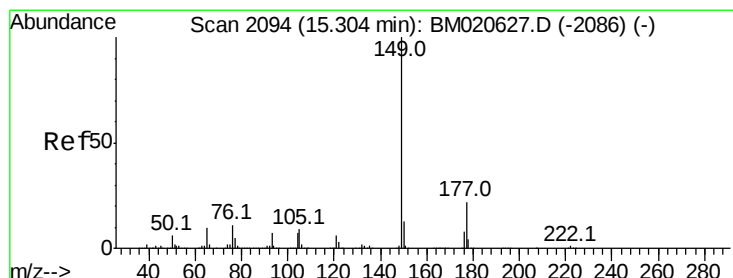
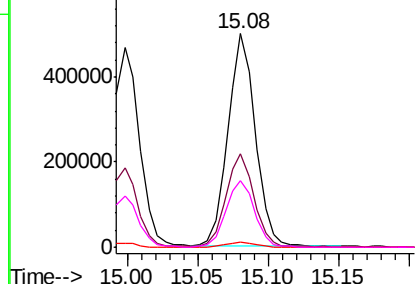
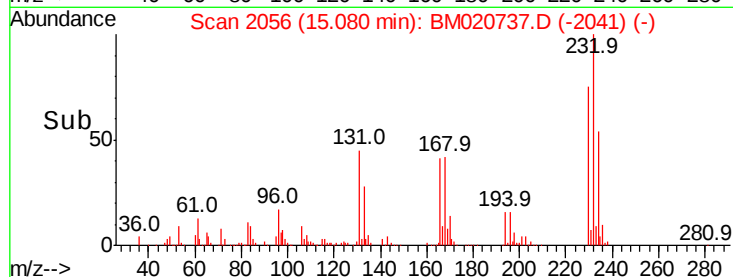
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.494 ng
RT: 15.08 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:232 Resp: 673488
Ion Ratio Lower Upper
232 100
131 44.2 38.6 57.8
130 2.4 2.2 3.2
166 32.6 26.6 39.8

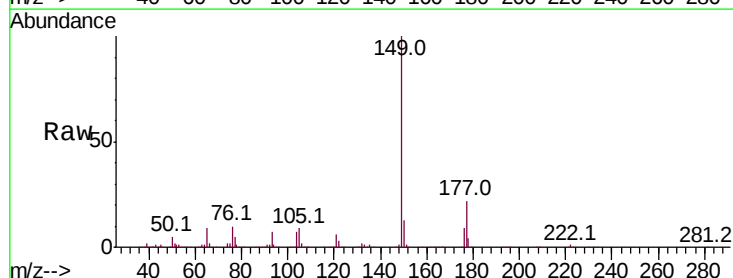


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

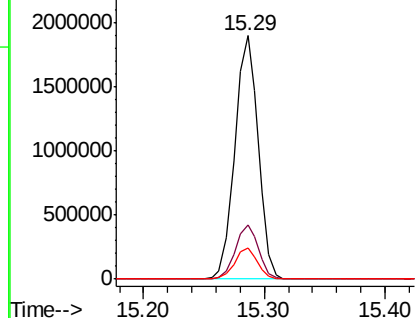
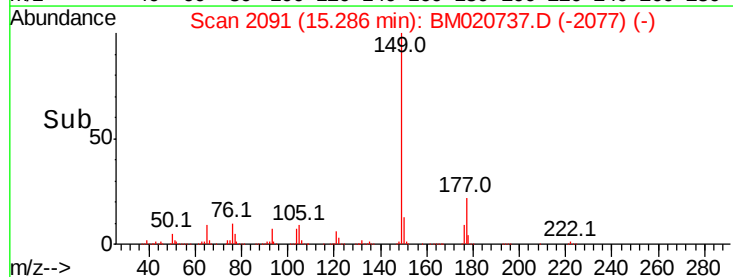


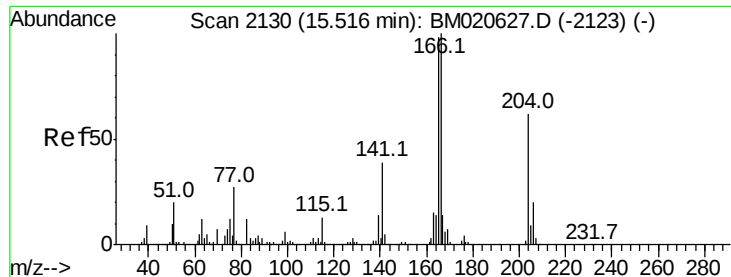
#60
Diethylphthalate
Concen: 38.726 ng
RT: 15.29 min Scan# 2091
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:149 Resp: 2549912
Ion Ratio Lower Upper
149 100
177 22.1 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

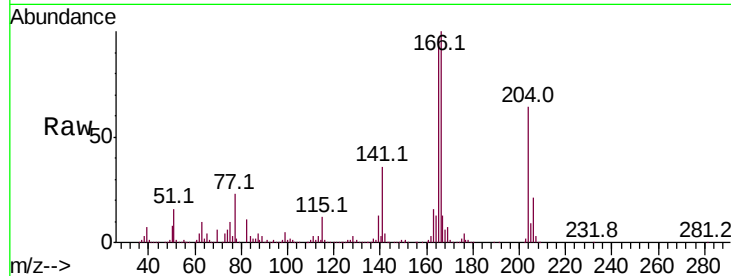




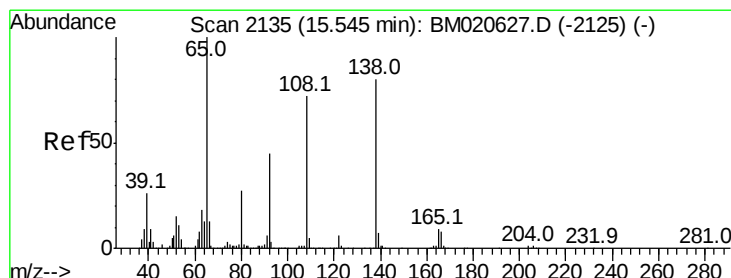
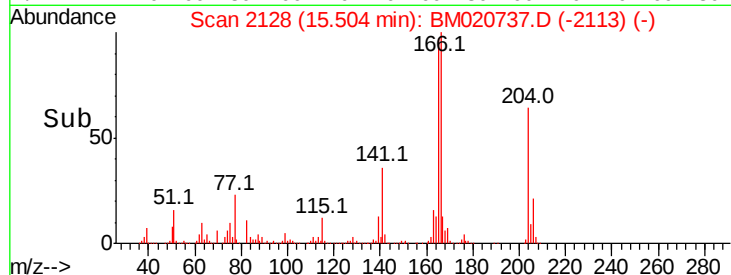
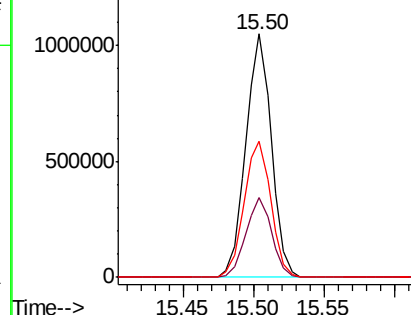
#61
4-Chlorophenyl-phenylether
Concen: 41.875 ng
RT: 15.50 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:204 Resp: 1326330
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 56.0 50.2 75.4

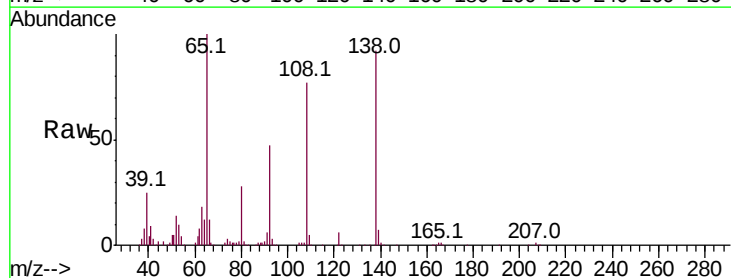


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

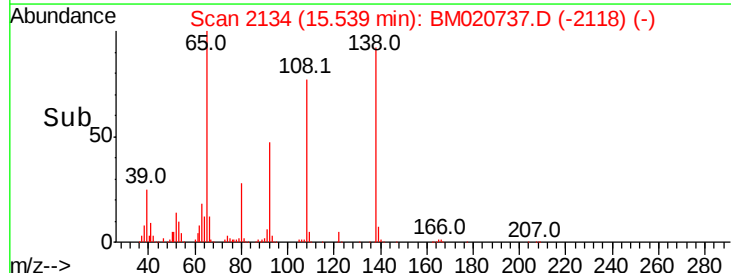
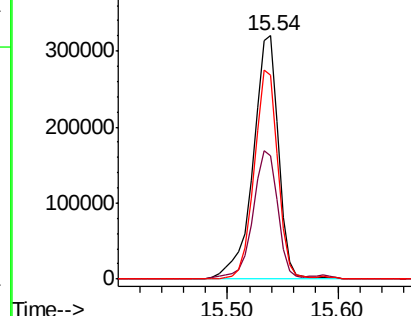


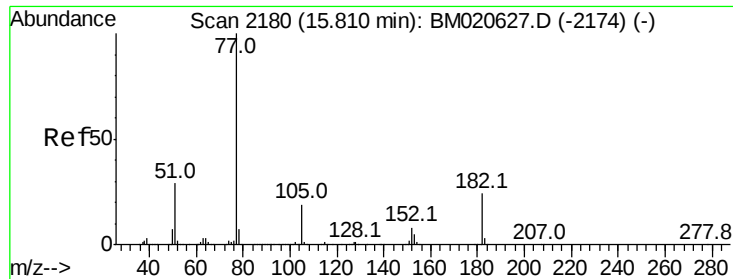
#62
4-Nitroaniline
Concen: 33.753 ng
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:138 Resp: 517956
Ion Ratio Lower Upper
138 100
92 50.8 36.7 76.7
108 83.7 70.3 110.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 37.762 ng

RT: 15.80 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

Tot Ion: 77 Resp: 2383750

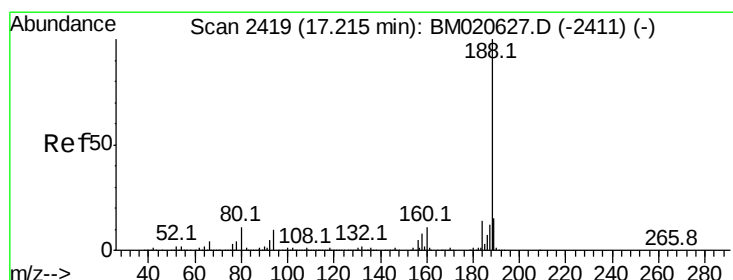
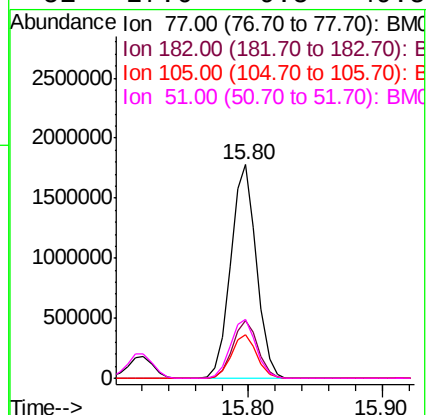
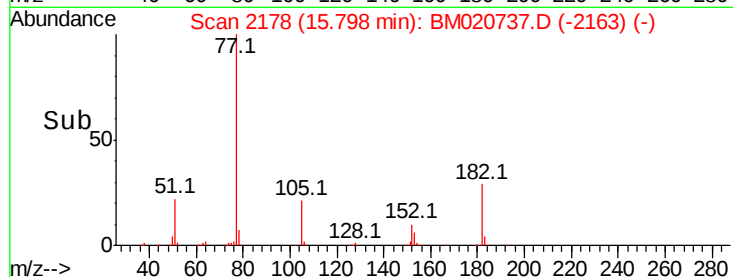
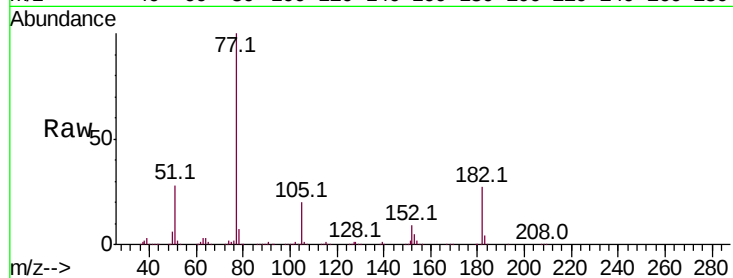
Ion	Ratio	Lower	Upper
77	100		
182	27.3	3.6	43.6
105	20.2	0.0	39.4
51	27.6	9.5	49.5

77 100

182 27.3 3.6 43.6

105 20.2 0.0 39.4

51 27.6 9.5 49.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.20 min Scan# 2417

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

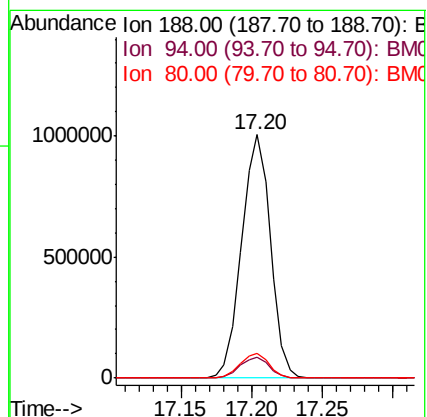
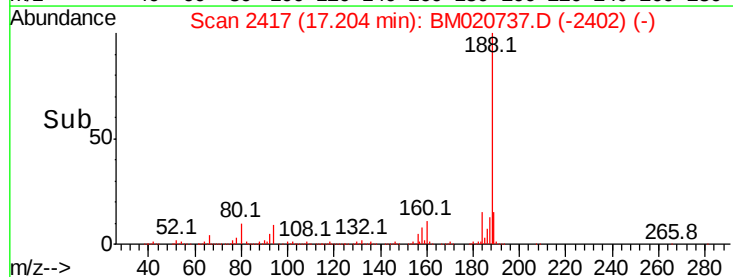
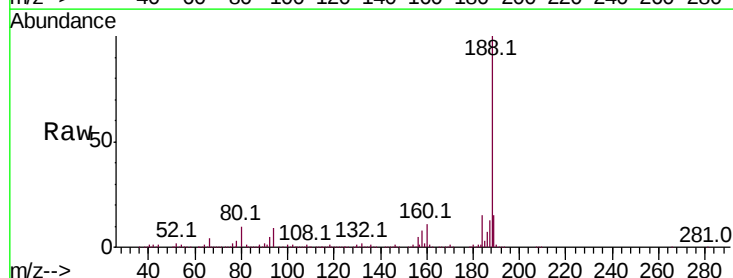
Tgt Ion: 188 Resp: 1434230

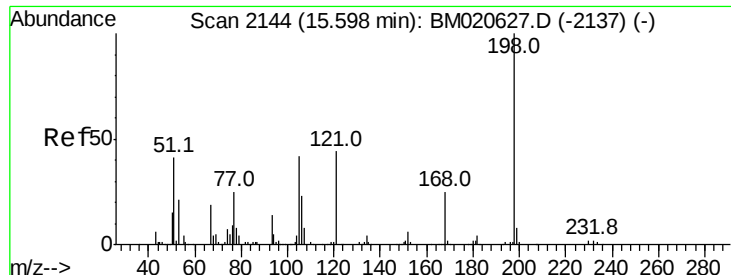
Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.8	11.8
80	10.0	9.0	13.6

188 100

94 8.8 7.8 11.8

80 10.0 9.0 13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.682 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

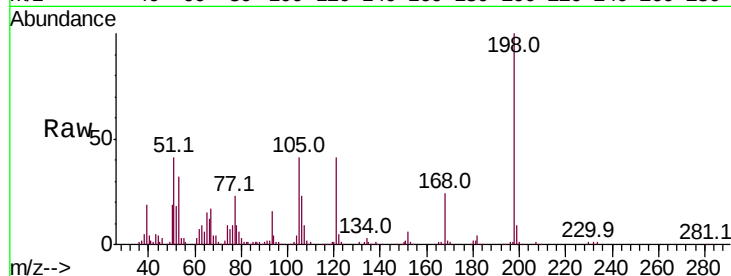
Tot Ion:198 Resp: 294712

Ion Ratio Lower Upper

198 100

51 41.5 27.7 67.7

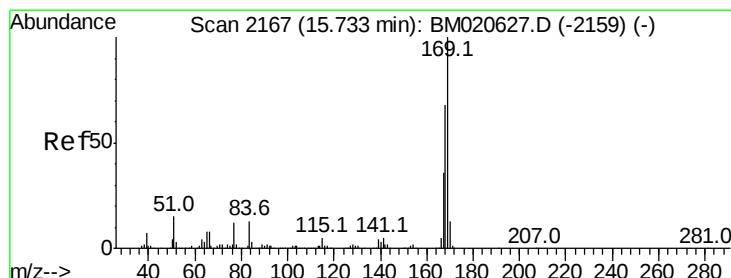
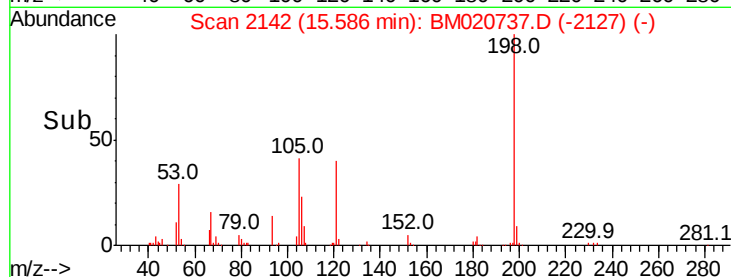
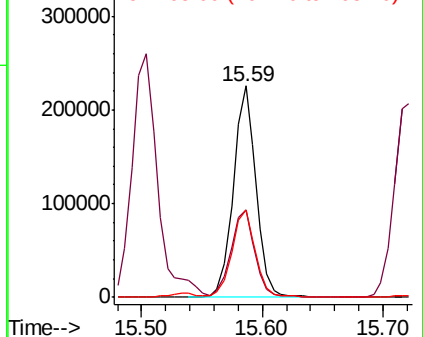
105 41.2 23.8 63.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.327 ng

RT: 15.72 min Scan# 2165

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

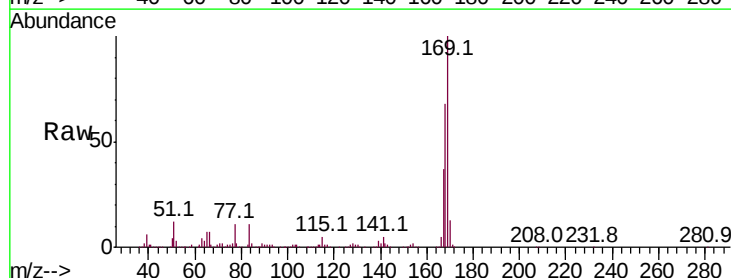
Tgt Ion:169 Resp: 2126990

Ion Ratio Lower Upper

169 100

168 68.0 54.2 81.4

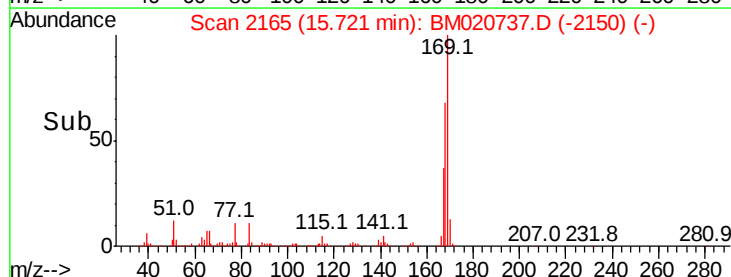
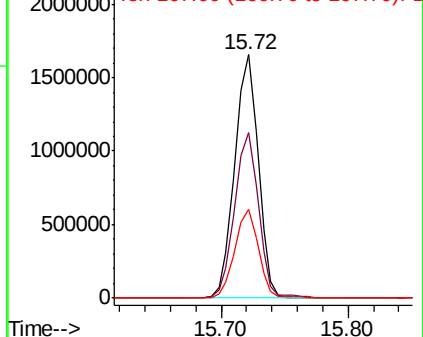
167 36.7 29.1 43.7

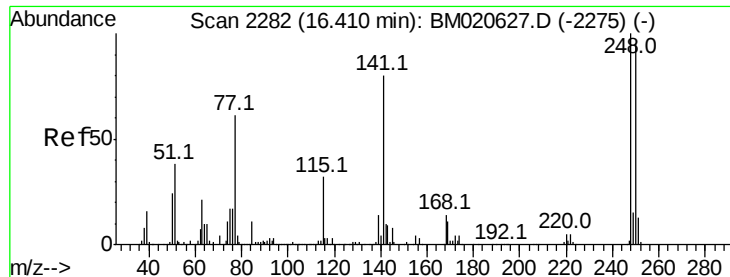


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

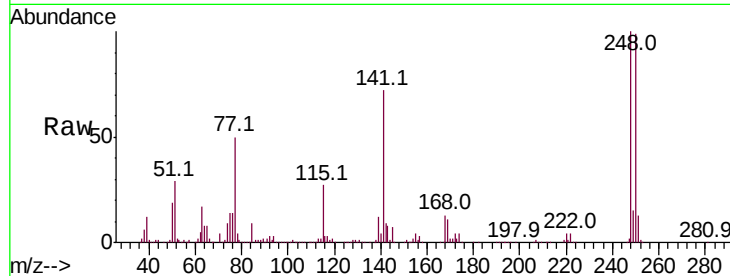




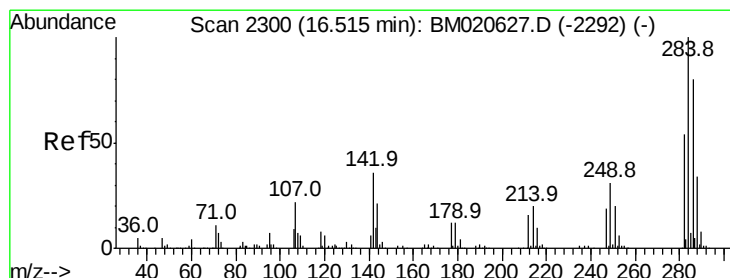
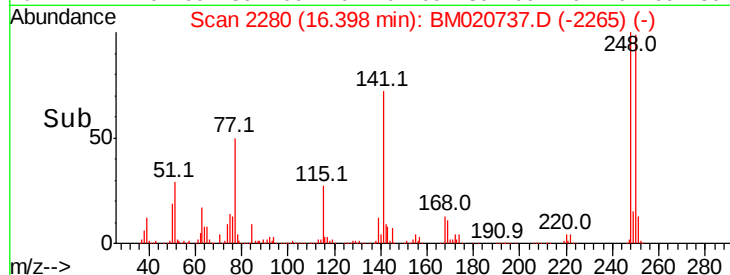
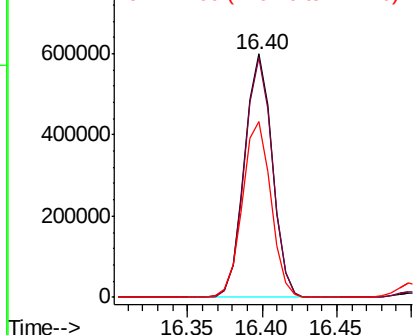
#67
4-Bromophenyl-phenylether
Concen: 45.808 ng
RT: 16.40 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:248 Resp: 773534
Ion Ratio Lower Upper
248 100
250 98.6 76.3 114.5
141 72.3 64.2 96.2

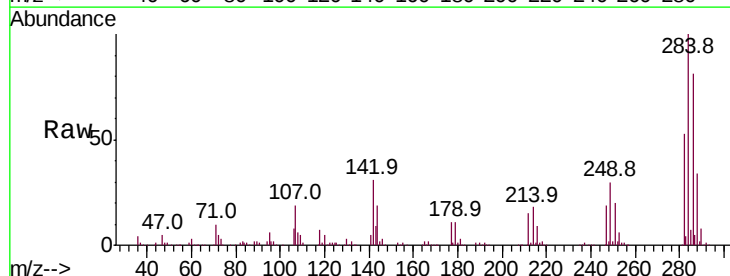


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

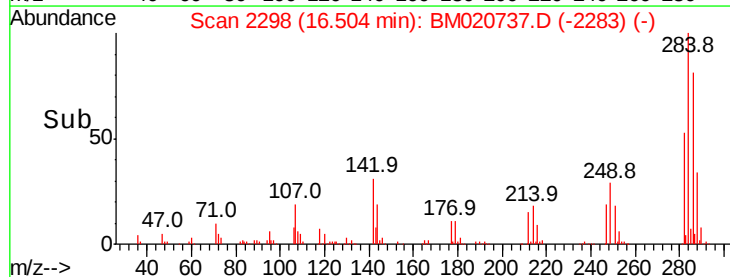
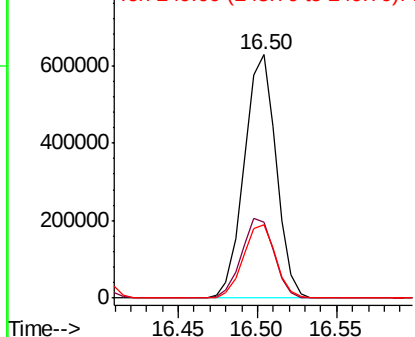


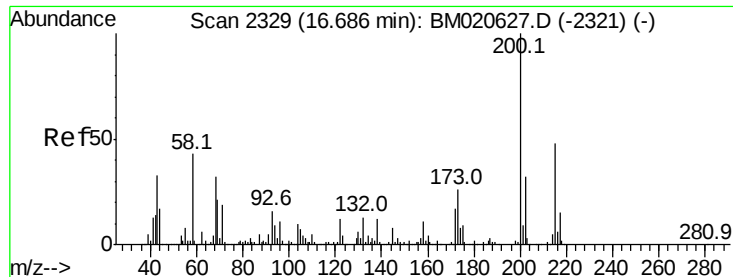
#68
Hexachlorobenzene
Concen: 44.572 ng
RT: 16.50 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:284 Resp: 878907
Ion Ratio Lower Upper
284 100
142 31.3 28.6 42.8
249 30.2 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: 49.254 ng

RT: 16.67 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

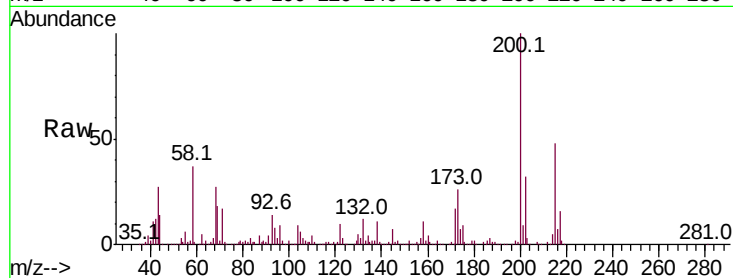
Tot Ion:200 Resp: 674924

Ion Ratio Lower Upper

200 100

173 25.7 6.2 46.2

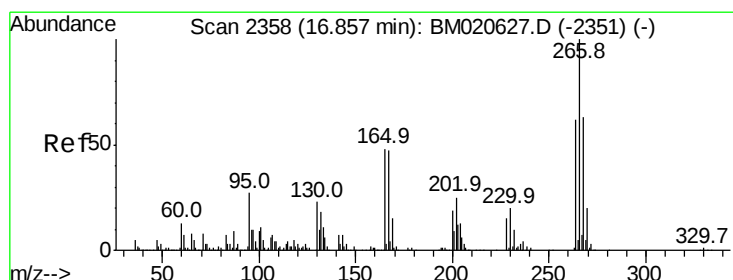
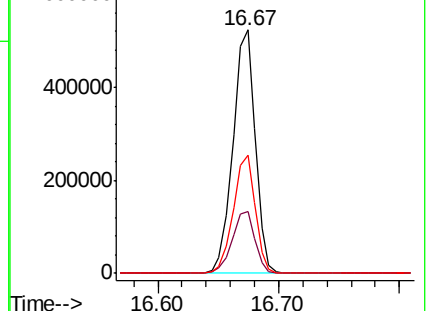
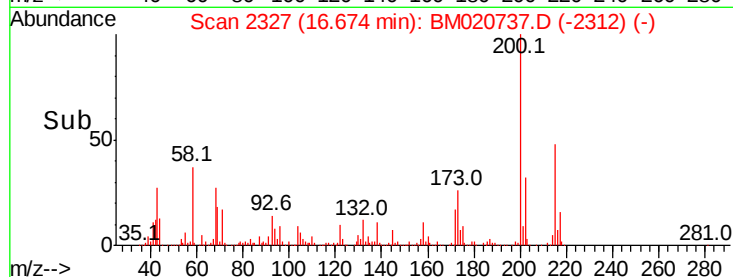
215 48.3 27.7 67.7



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: 104.750 ng

RT: 16.85 min Scan# 2357

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

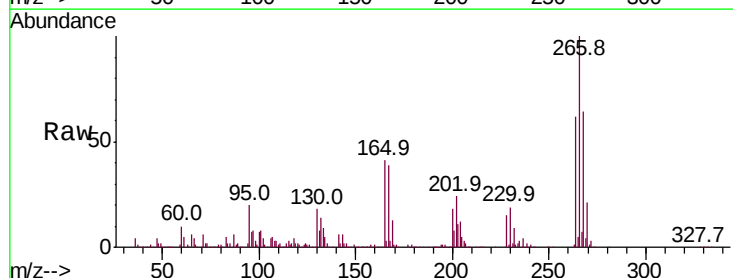
Tgt Ion:266 Resp: 985390

Ion Ratio Lower Upper

266 100

268 64.5 50.6 75.8

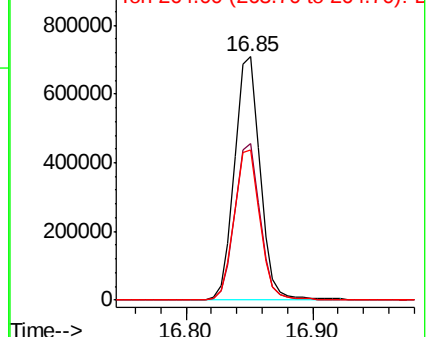
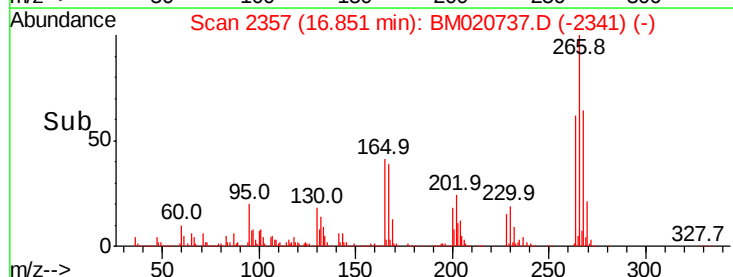
264 61.8 49.6 74.4

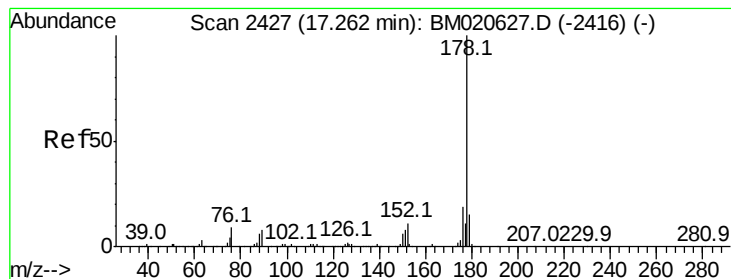


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.135 ng

RT: 17.24 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

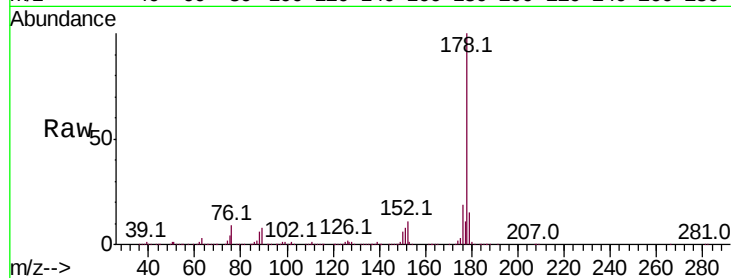
BNA_M

ClientSampleId :

PB120038BSD

Tot Ion:178 Resp: 3506759

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	15.5	12.2	18.4

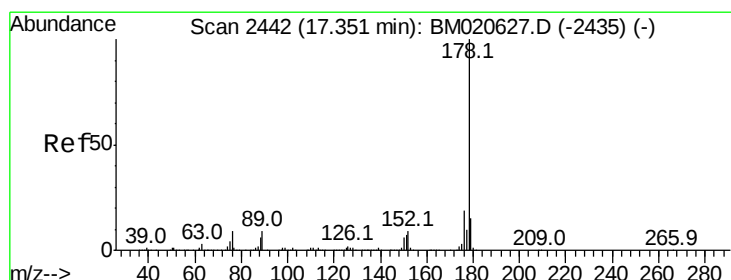
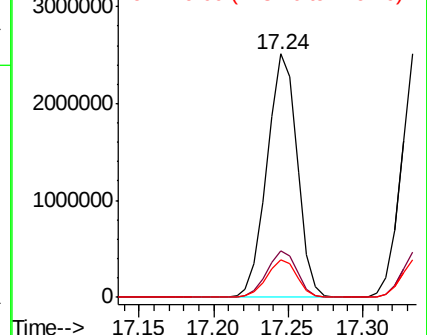
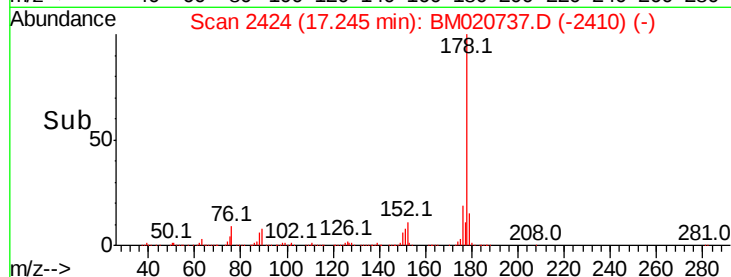


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.140 ng

RT: 17.34 min Scan# 2440

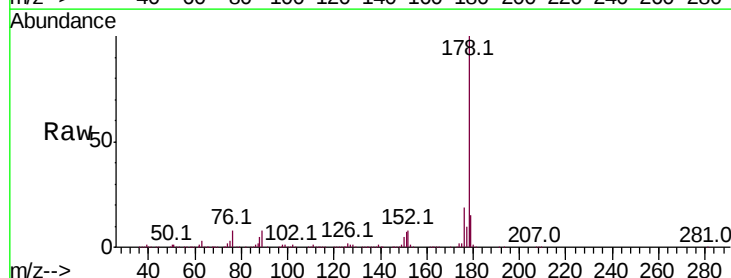
Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Tgt Ion:178 Resp: 3591595

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

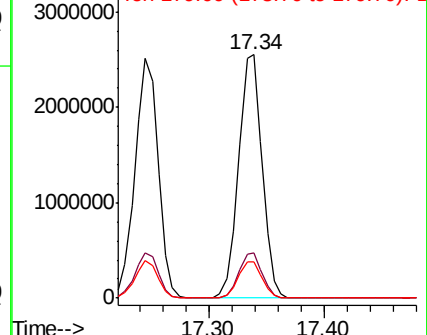
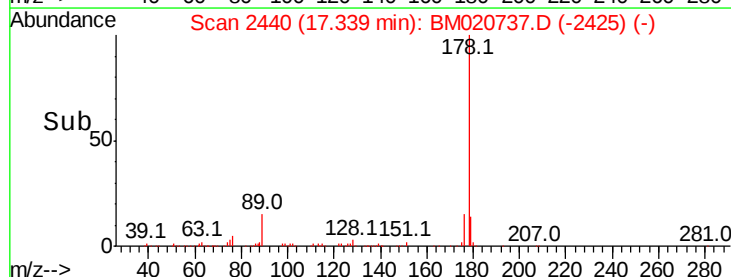


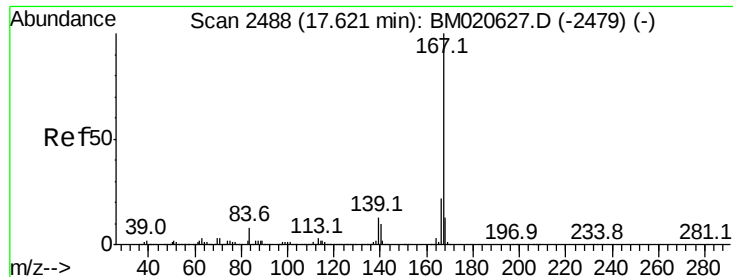
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



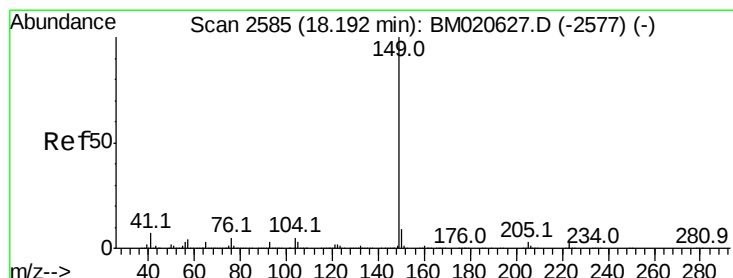
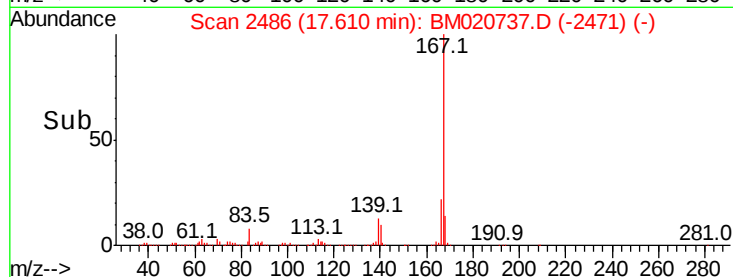
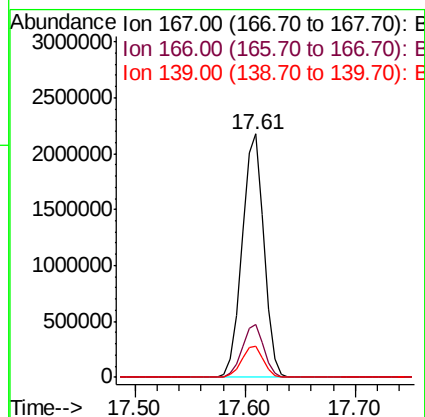
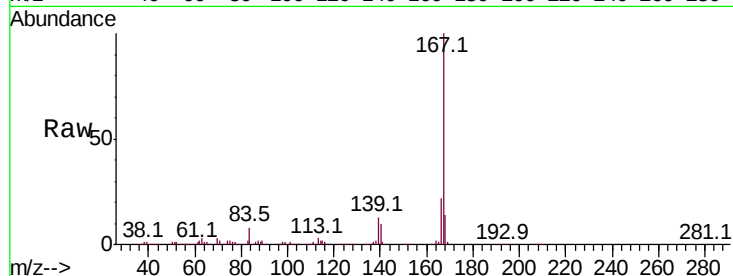


#73
 Carbazole
 Concen: 40.787 ng
 RT: 17.61 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Instrument :
 BNA_M
 ClientSampleId :
 PB120038BSD

Tot Ion:167 Resp: 3011687

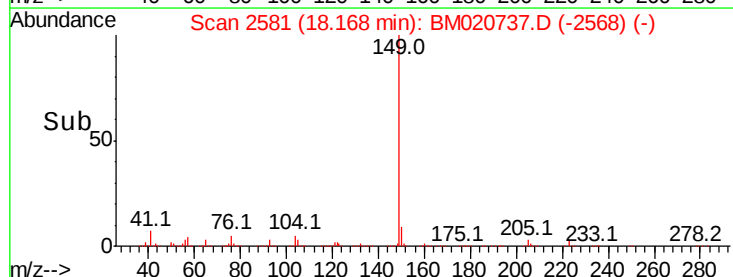
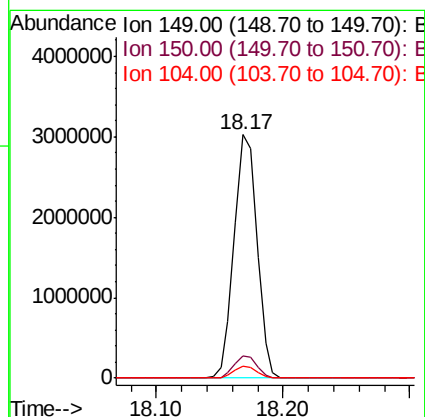
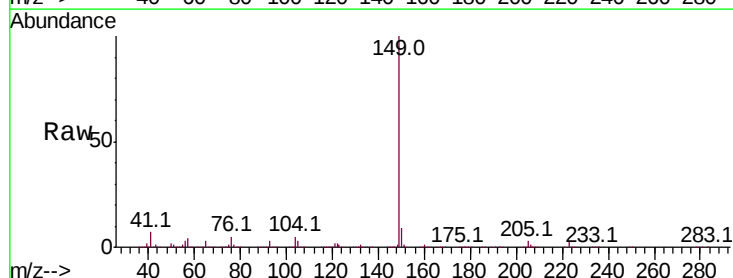
Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.5	26.3
139	12.7	10.6	15.8

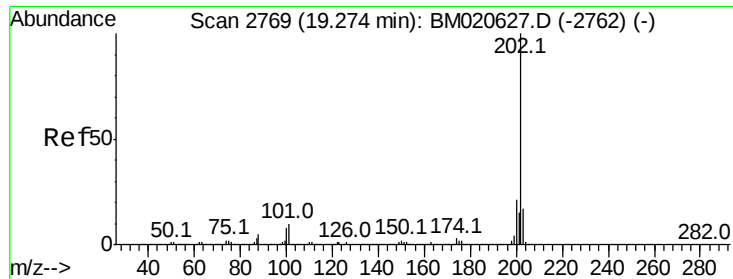


#74
 Di-n-butylphthalate
 Concen: 39.395 ng
 RT: 18.17 min Scan# 2581
 Delta R.T. -0.02 min
 Lab File: BM020737.D
 Acq: 05 Jun 2019 15:32

Tgt Ion:149 Resp: 3776061

Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.2	10.8
104	5.1	4.2	6.2





#75

Fluoranthene

Concen: 40.167 ng

RT: 19.26 min Scan# 2766

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

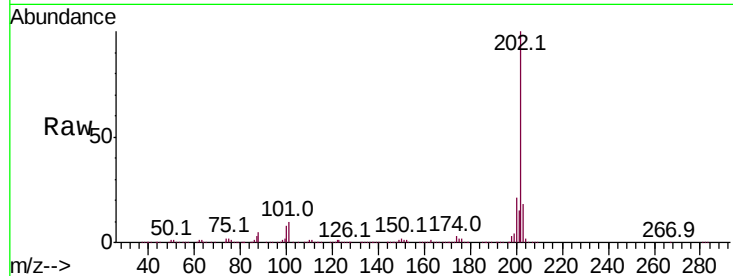
Tot Ion:202 Resp: 3631406

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.4

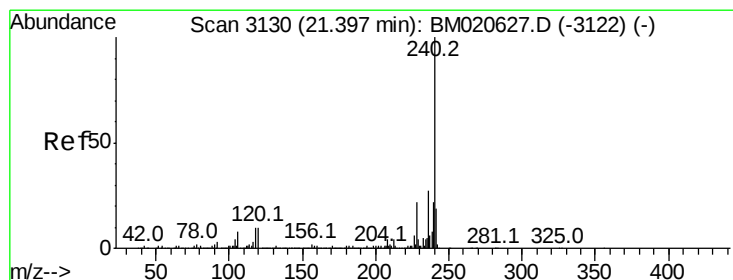
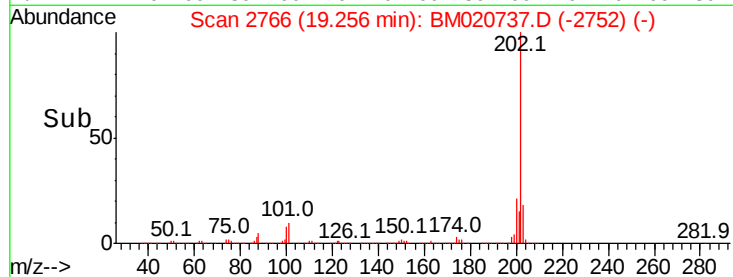
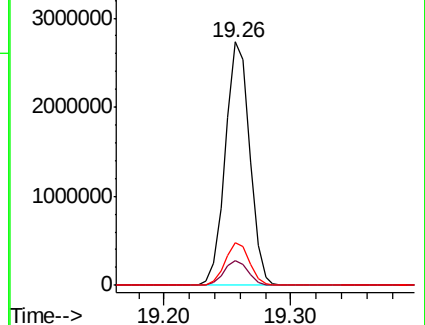
203 17.7 0.0 37.3



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: BM020737.D

Acq: 05 Jun 2019 15:32

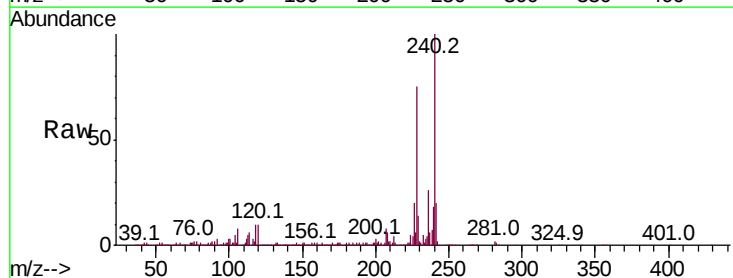
Tgt Ion:240 Resp: 1096348

Ion Ratio Lower Upper

240 100

120 10.4 8.2 12.2

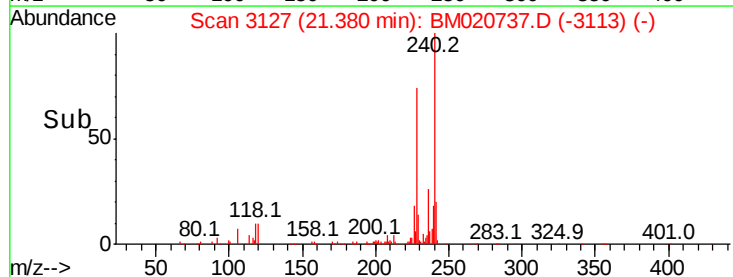
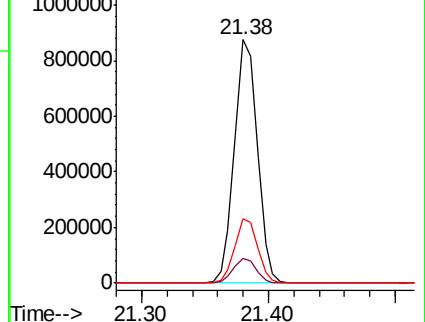
236 26.3 21.2 31.8

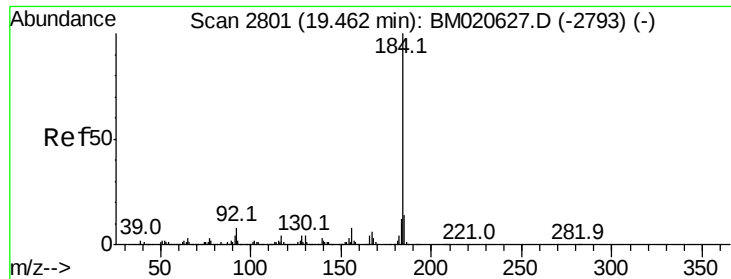


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 43.899 ng

RT: 19.45 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

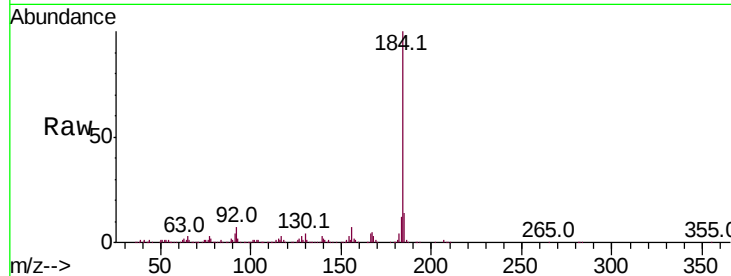
Tot Ion:184 Resp: 1458349

Ion Ratio Lower Upper

184 100

185 14.1 11.3 16.9

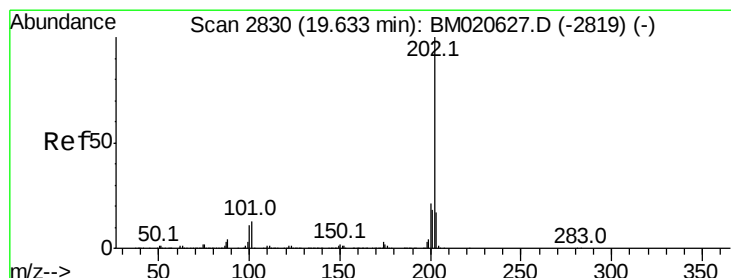
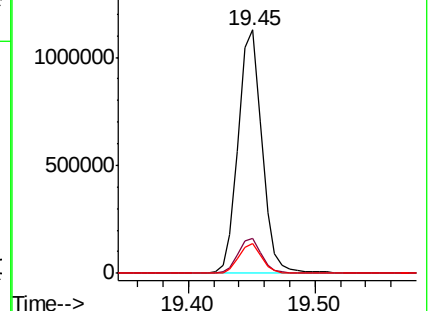
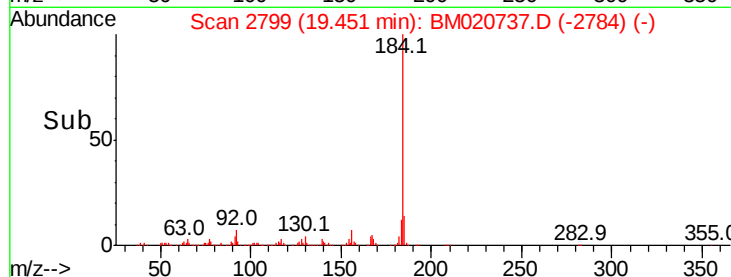
183 12.2 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.018 ng

RT: 19.62 min Scan# 2828

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

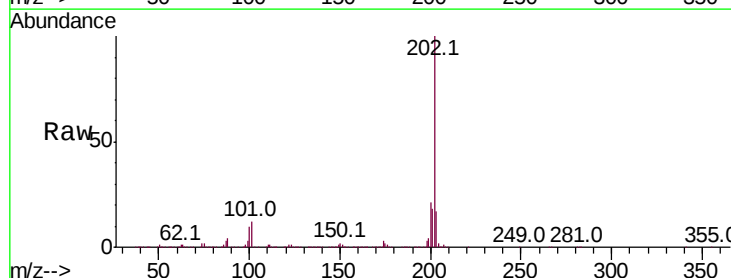
Tgt Ion:202 Resp: 3619176

Ion Ratio Lower Upper

202 100

200 20.8 16.8 25.2

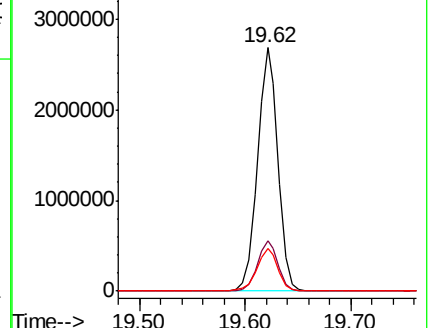
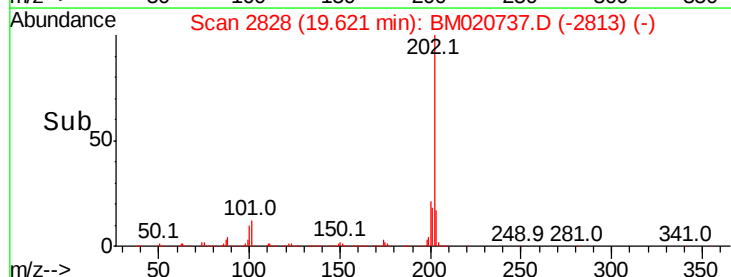
203 17.4 13.9 20.9

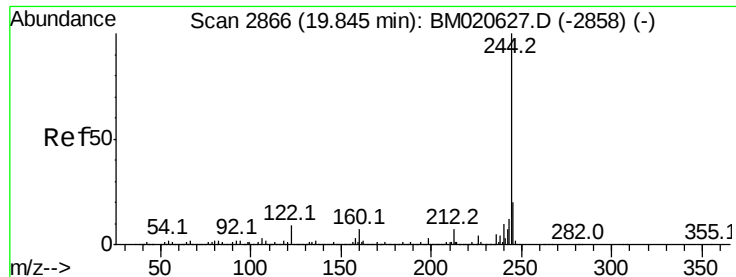


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.656 ng

RT: 19.83 min Scan# 2863

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

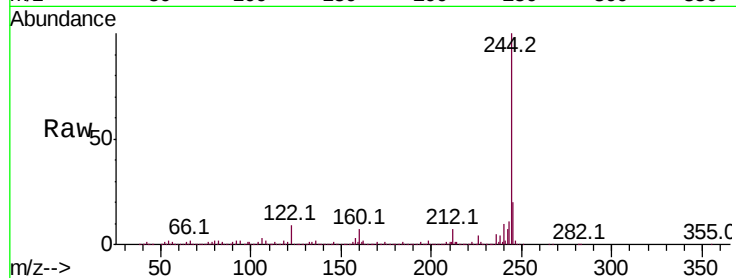
BNA_M

ClientSampleId :

PB120038BSD

Tot Ion:244 Resp: 5483303

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	9.0	7.2	10.8

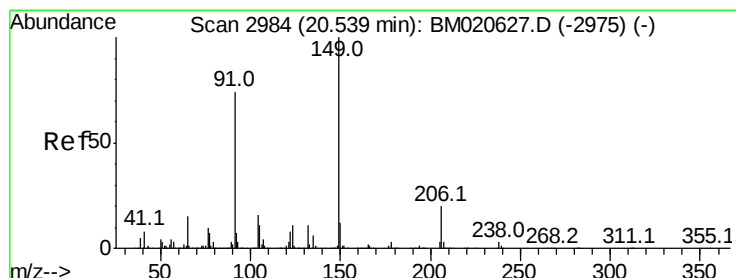
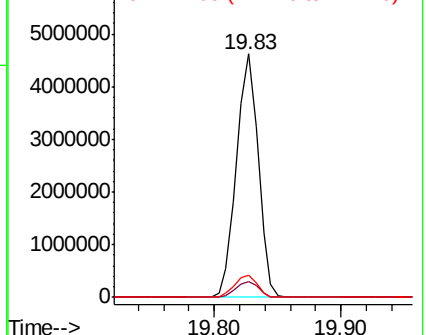
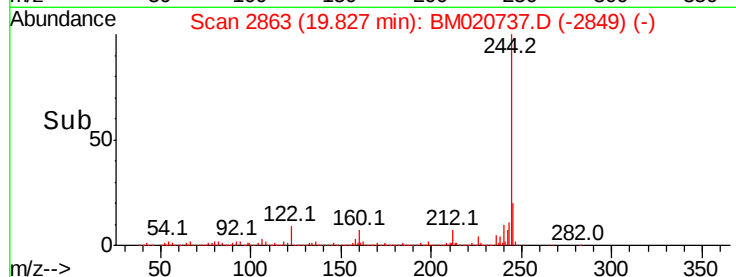


Abundance

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: 40.091 ng

RT: 20.52 min Scan# 2981

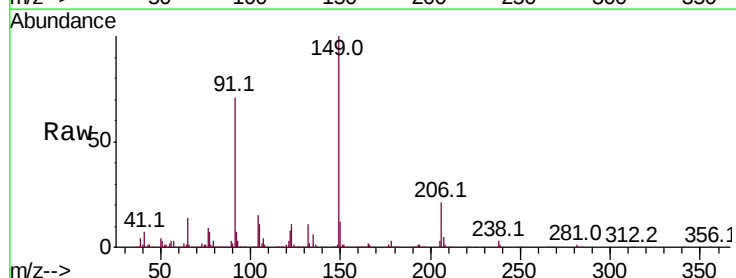
Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Tgt Ion:149 Resp: 1425420

Ion	Ratio	Lower	Upper
149	100		
91	70.9	59.6	89.4
206	20.5	15.7	23.5

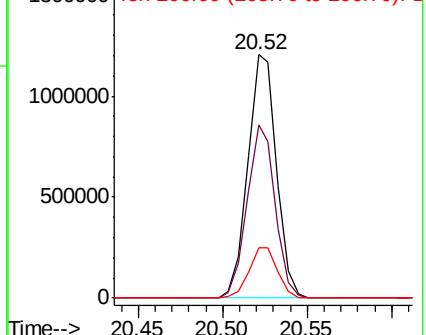
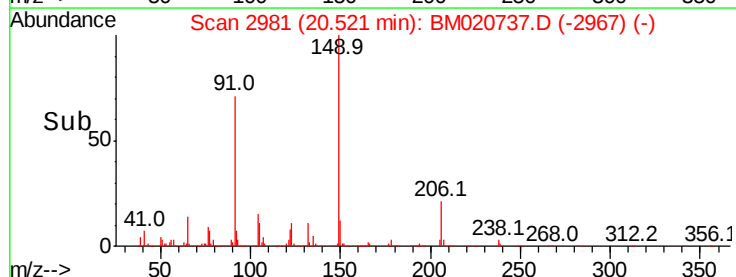


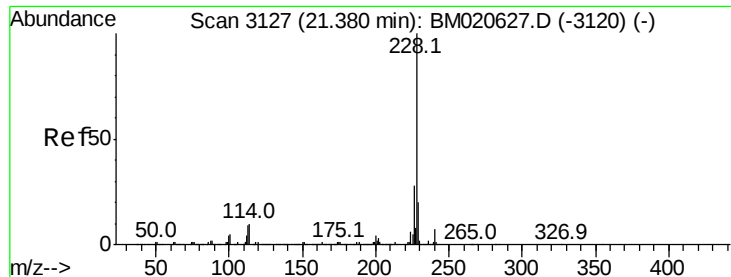
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.056 ng

RT: 21.37 min Scan# 3125

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

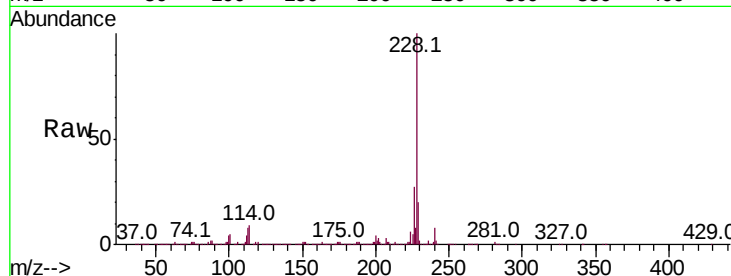
Tot Ion:228 Resp: 3210936

Ion Ratio Lower Upper

228 100

226 27.2 22.3 33.5

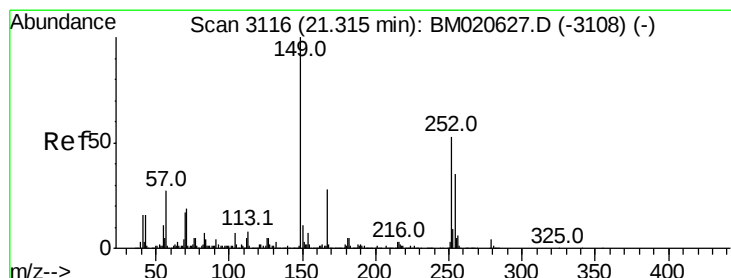
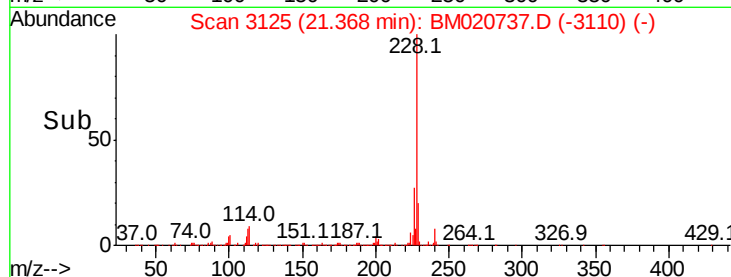
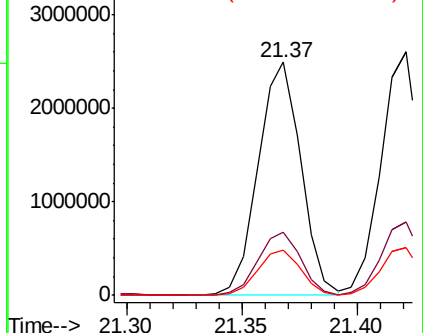
229 19.5 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 34.214 ng

RT: 21.30 min Scan# 3114

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

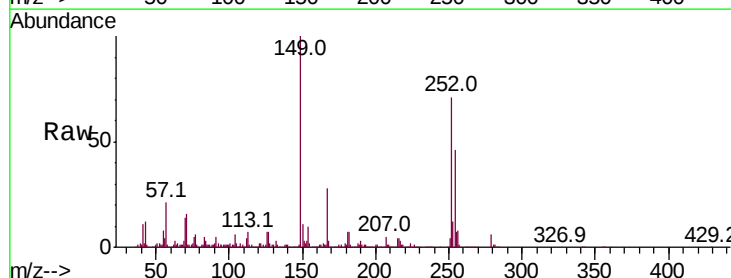
Tgt Ion:252 Resp: 956551

Ion Ratio Lower Upper

252 100

254 64.8 52.6 78.8

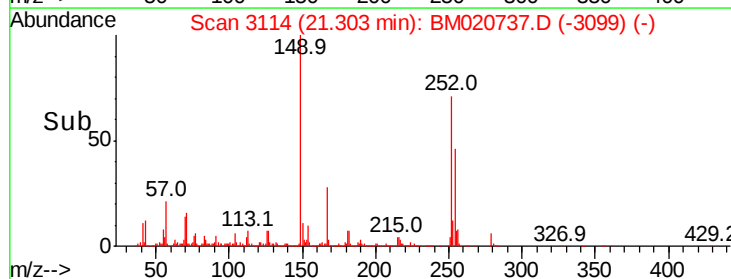
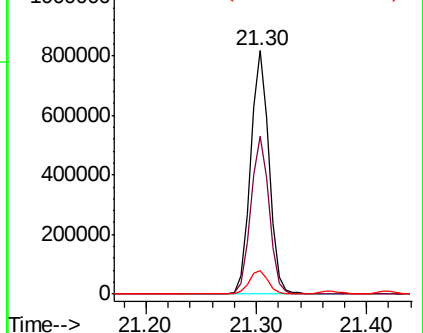
126 9.6 8.0 12.0

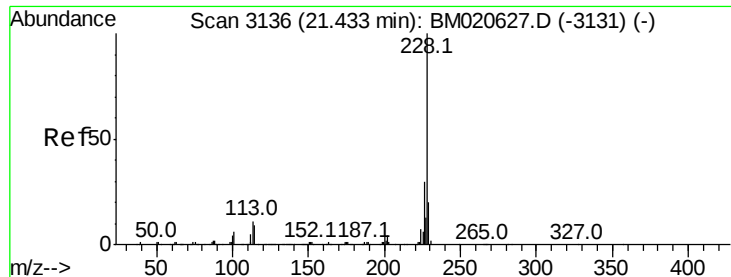


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.542 ng

RT: 21.42 min Scan# 3134

Delta R.T. -0.01 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

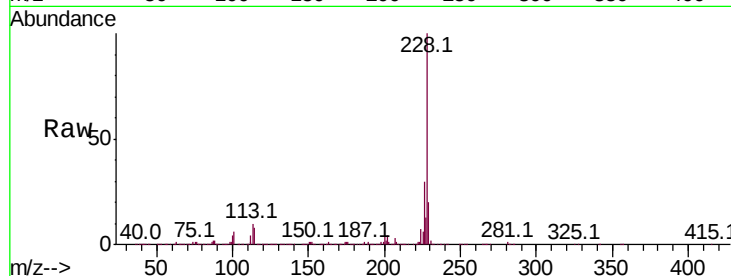
Tot Ion:228 Resp: 3160004

Ion Ratio Lower Upper

228 100

226 30.0 24.2 36.2

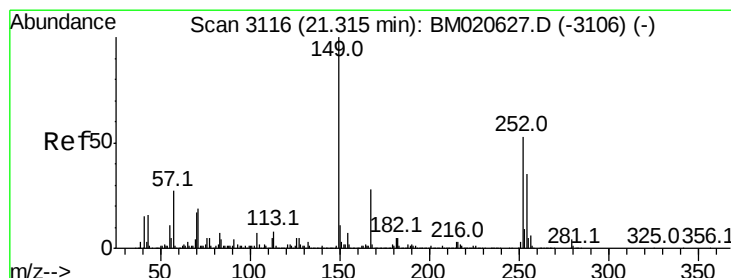
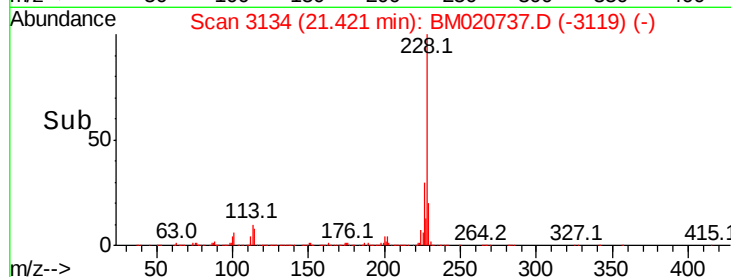
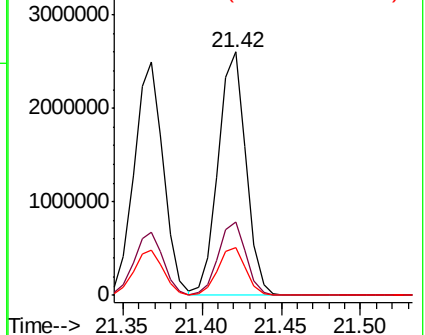
229 19.5 15.8 23.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.888 ng

RT: 21.30 min Scan# 3113

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

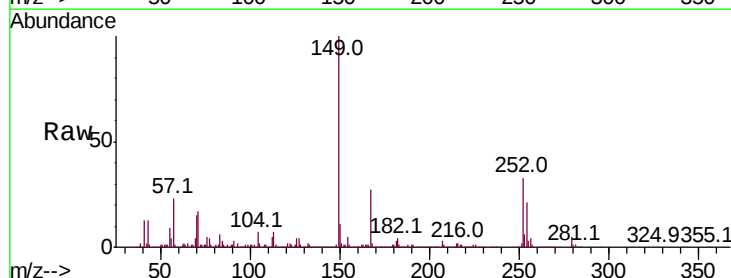
Tgt Ion:149 Resp: 1957830

Ion Ratio Lower Upper

149 100

167 27.4 22.1 33.1

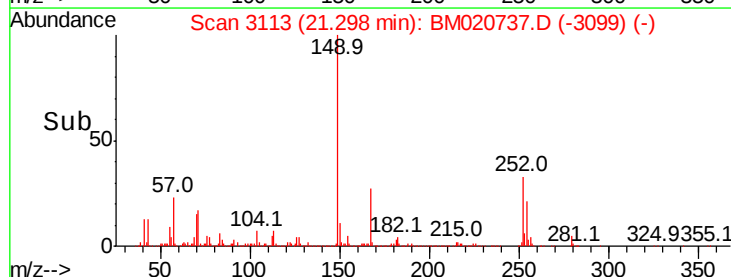
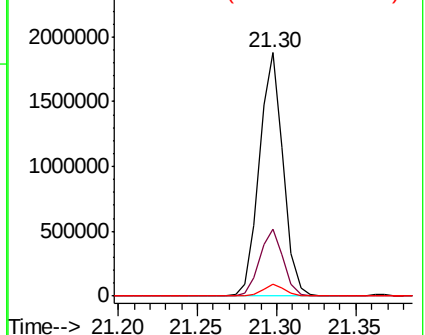
279 4.9 3.4 5.0

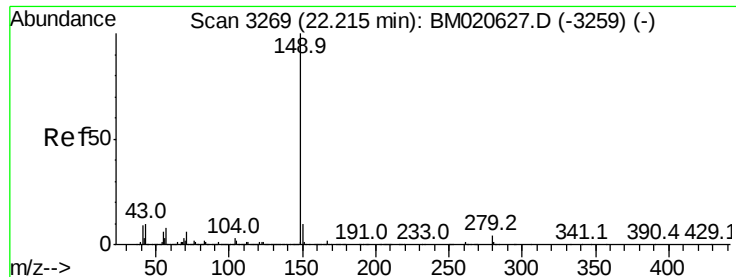


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.047 ng

RT: 22.19 min Scan# 3265

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

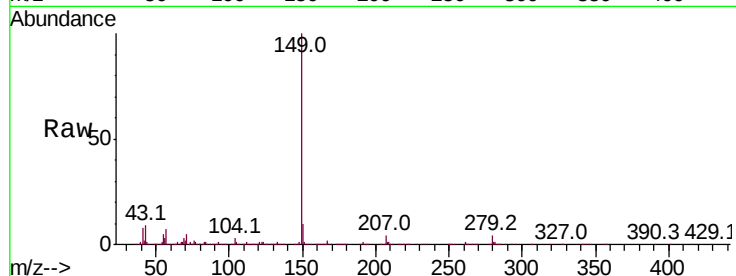
Tot Ion:149 Resp: 3121373

Ion Ratio Lower Upper

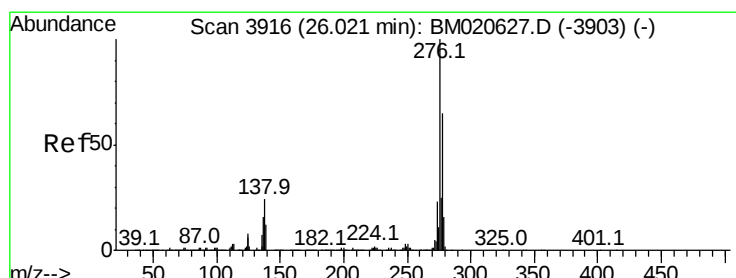
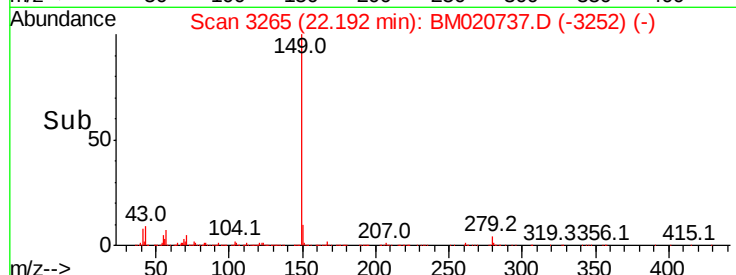
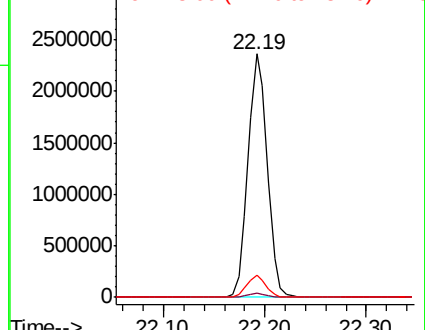
149 100

167 1.6 1.3 1.9

43 8.8 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): BMO



#86

Indeno(1,2,3-cd)pyrene

Concen: 56.705 ng

RT: 25.99 min Scan# 3911

Delta R.T. -0.03 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

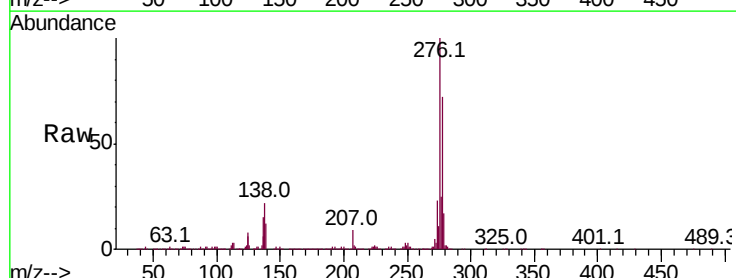
Tgt Ion:276 Resp: 4210154

Ion Ratio Lower Upper

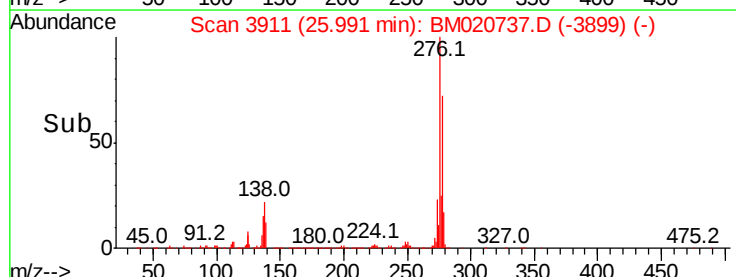
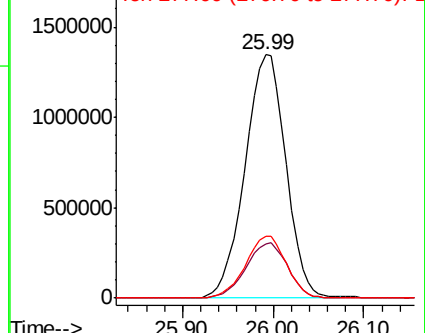
276 100

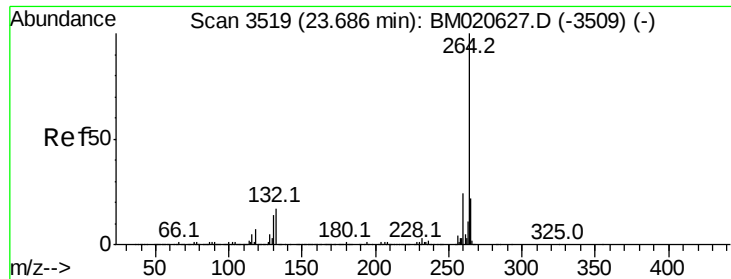
138 23.1 19.8 29.8

277 25.3 20.2 30.4



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.67 min Scan# 3516

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

Instrument :

BNA_M

ClientSampleId :

PB120038BSD

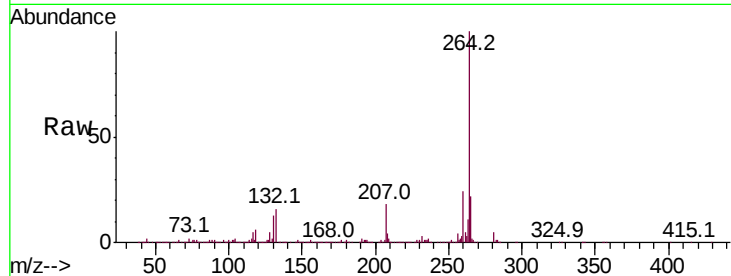
Tot Ion:264 Resp: 1196417

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.0	17.6	26.4

264 100

260 23.9 19.2 28.8

265 22.0 17.6 26.4

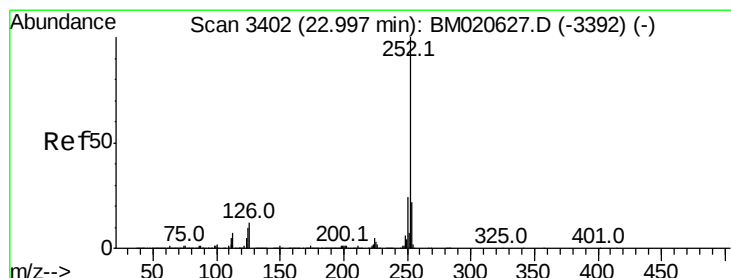
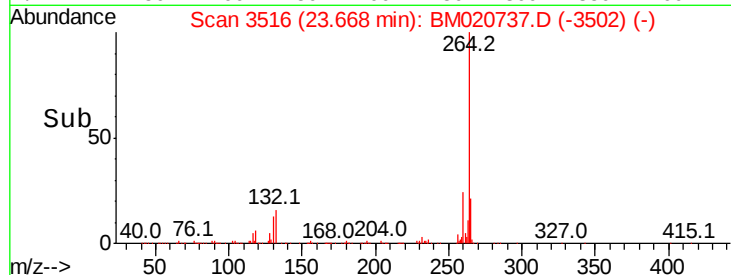
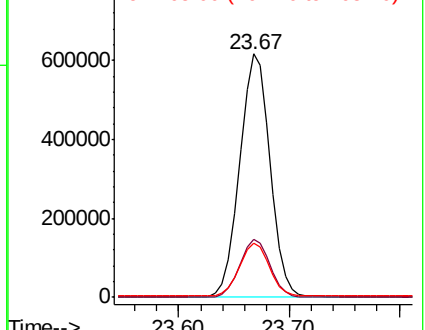


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.272 ng

RT: 22.98 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM020737.D

Acq: 05 Jun 2019 15:32

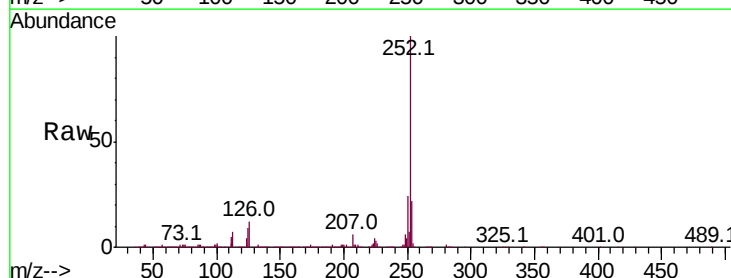
Tgt Ion:252 Resp: 3421792

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	9.2	7.8	11.8

252 100

253 22.1 17.4 26.2

125 9.2 7.8 11.8

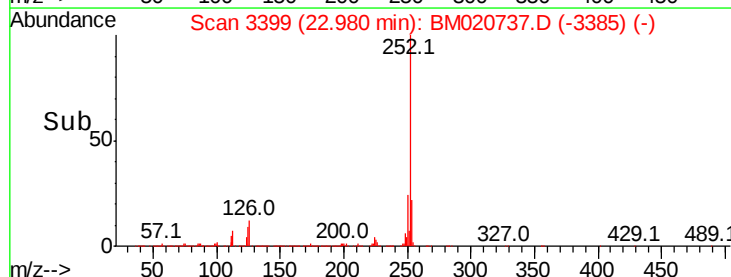
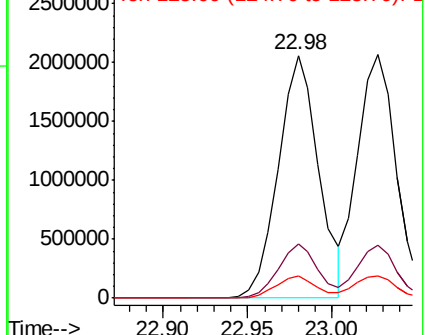


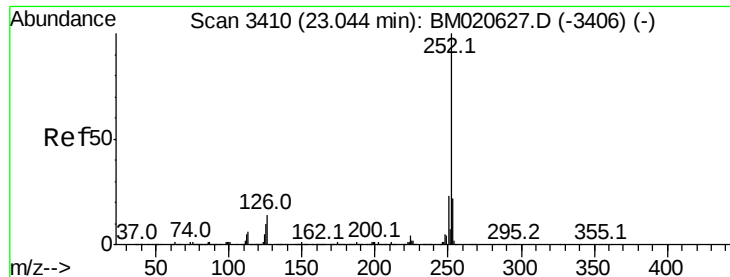
Abundance

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

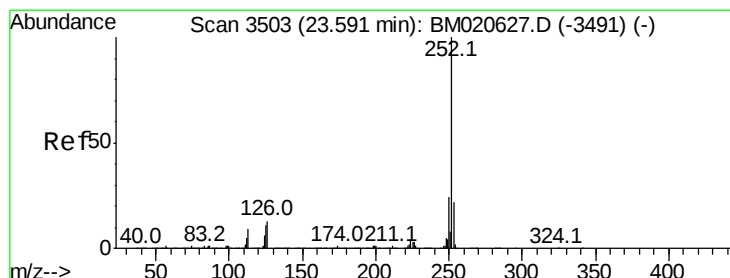
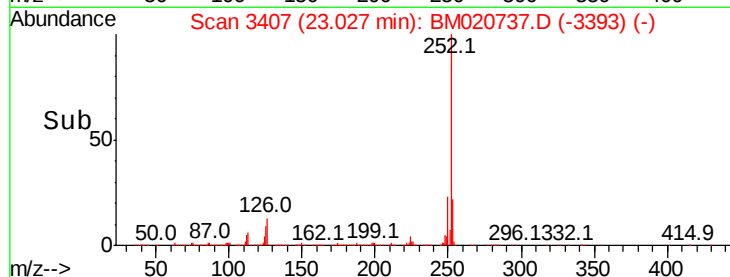
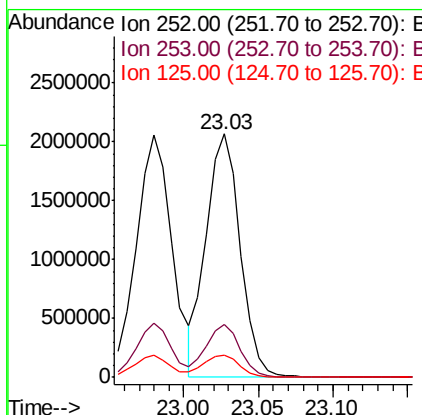
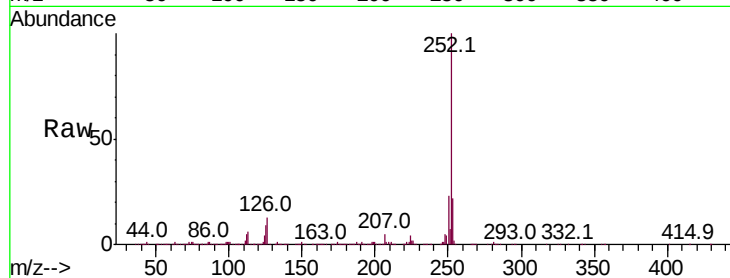




#89
Benzo(k)fluoranthene
Concen: 42.392 ng
RT: 23.03 min Scan# 3407
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

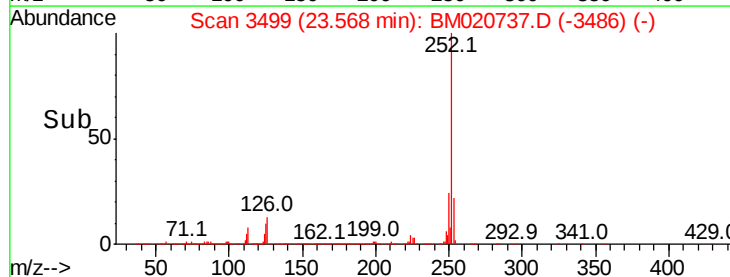
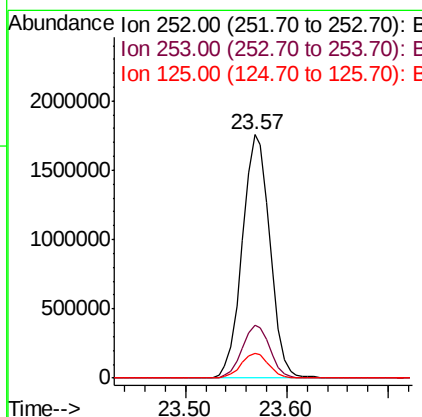
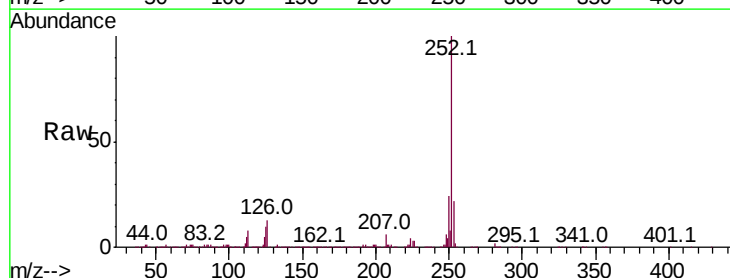
Instrument :
BNA_M
ClientSampleId :
PB120038BSD

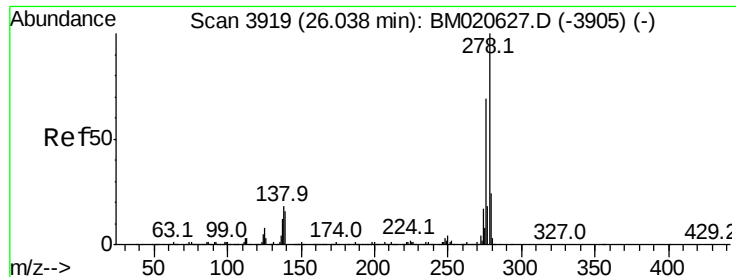
Tot Ion:252 Resp: 3275963
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.0 7.8 11.8



#90
Benzo(a)pyrene
Concen: 46.307 ng
RT: 23.57 min Scan# 3499
Delta R.T. -0.02 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:252 Resp: 3321394
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 10.1 8.6 13.0

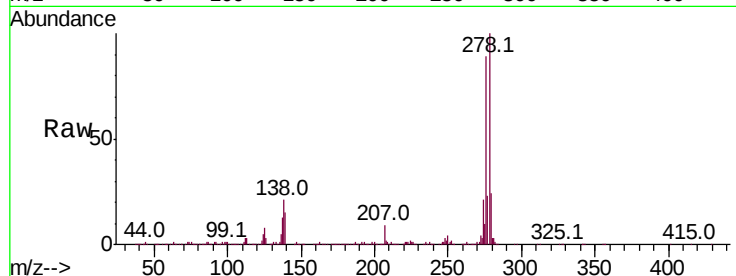




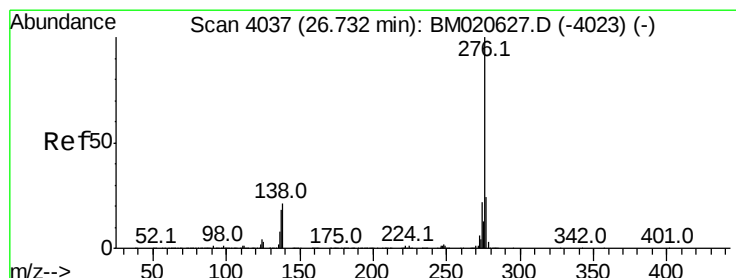
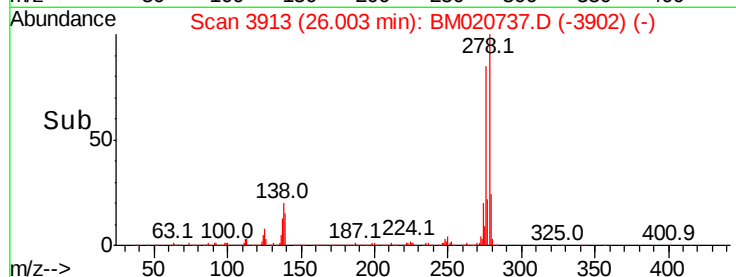
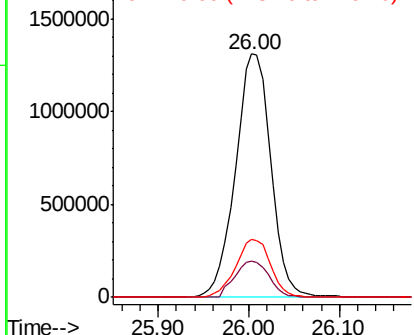
#91
Dibenzo(a,h)anthracene
Concen: 50.905 ng
RT: 26.00 min Scan# 3913
Delta R.T. -0.04 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Instrument :
BNA_M
ClientSampleId :
PB120038BSD

Tot Ion:278 Resp: 3542281
Ion Ratio Lower Upper
278 100
139 14.7 12.6 18.8
279 24.0 19.0 28.6

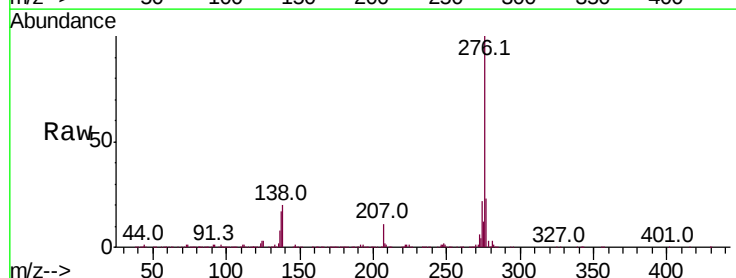


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 53.175 ng
RT: 26.70 min Scan# 4032
Delta R.T. -0.03 min
Lab File: BM020737.D
Acq: 05 Jun 2019 15:32

Tgt Ion:276 Resp: 3436986
Ion Ratio Lower Upper
276 100
277 23.4 19.2 28.8
138 19.9 17.0 25.4



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

