

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031218\
 Data File : BM014539.D
 Acq On : 13 Mar 2018 04:12
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 13 09:02:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 13 02:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	76105	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	332522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.14	164	216857	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	538928	20.00	ng/ul	0.00
75) Chrysene-d12	21.12	240	591997	20.00	ng/ul	0.00
83) Perylene-d12	23.29	264	528018	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	7885	4.43	ng/uL	0.00
5) Phenol-d5	6.68	99	117186	18.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	71612	18.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	96936	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	102613	18.23	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	48851	19.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	57321	22.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	103996	19.74	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.42	131	119264	22.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.56	166	377504	21.08	ng/ul	0.00
46) Acenaphthylene-d8	13.83	160	465475	21.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	32920	13.31	ng/ul	0.00
57) Fluorene-d10	15.14	176	315488	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.32	200	54862	16.97	ng/ul	0.00
70) Anthracene-d10	17.00	188	528302	20.32	ng/ul	0.00
76) Pyrene-d10	19.32	212	606205	19.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.15	264	519851	20.23	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.08	88	9227	4.671	ng/uL#	65
4) Benzaldehyde	6.65	77	61946	23.621	ng/ul	93
6) Phenol	6.71	94	115656	17.135	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.92	93	92402	18.868	ng/ul	96
10) 2-Chlorophenol	7.05	128	92399	18.348	ng/ul	90
11) 2-Methylphenol	7.94	108	93976	18.203	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.00	45	88616	17.930	ng/ul#	73
14) Acetophenone	8.30	105	167585	17.259	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.28	70	93159	19.145	ng/ul#	74
16) 4-Methylphenol	8.27	108	99578	17.700	ng/ul	88
17) Hexachloroethane	8.52	117	49350	18.812	ng/ul#	61
20) Nitrobenzene	8.68	77	139989	19.263	ng/ul	97
21) Isophorone	9.20	82	250368	20.141	ng/ul	96
23) 2-Nitrophenol	9.39	139	53579	19.450	ng/ul#	81
24) 2,4-Dimethylphenol	9.46	107	137949	20.426	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.68	93	126129	19.262	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	103069	20.621	ng/ul#	87
28) Naphthalene	10.29	128	343955	20.140	ng/ul	99
30) 4-Chloroaniline	10.43	127	121046	22.869	ng/ul#	87
31) Hexachlorobutadiene	10.56	225	76332	19.249	ng/ul#	84
32) Caprolactam	11.27	113	9243	5.774	ng/ul#	33
33) 4-Chloro-3-methylphenol	11.59	107	123050	20.374	ng/ul	93
34) 2-Methylnaphthalene	11.92	142	256077	19.700	ng/ul	100

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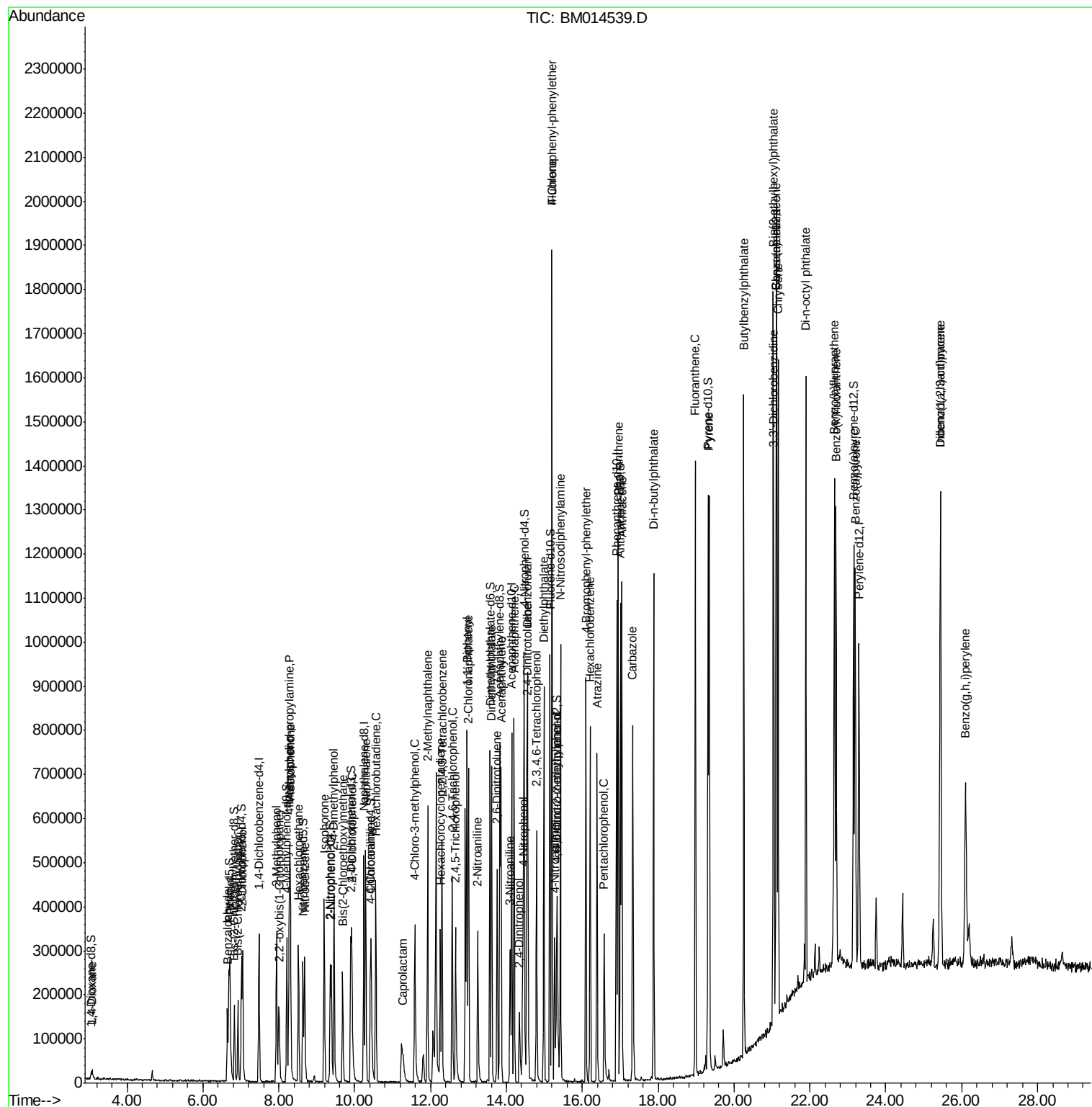
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.30	216	143308	20.587	ng/ul#	94
37) Hexachlorocyclopentadiene	12.26	237	72196	19.058	ng/ul	97
38) 2,4,6-Trichlorophenol	12.57	196	92714	21.348	ng/ul	97
39) 2,4,5-Trichlorophenol	12.66	196	90444	20.378	ng/ul	95
40) 1,1'-Biphenyl	12.96	154	356952	21.368	ng/ul	97
41) 2-Chloronaphthalene	13.00	162	278368	20.860	ng/ul	92
42) 2-Nitroaniline	13.25	65	102208	22.636	ng/ul	93
44) Dimethylphthalate	13.61	163	371600	21.043	ng/ul	99
45) 2,6-Dinitrotoluene	13.75	165	75898	22.622	ng/ul#	77
47) Acenaphthylene	13.86	152	430450	20.623	ng/ul	97
48) 3-Nitroaniline	14.10	138	63844	22.451	ng/ul#	89
49) Acenaphthene	14.20	153	300732	20.462	ng/ul	100
50) 2,4-Dinitrophenol	14.34	184	35228	19.523	ng/ul#	79
52) 4-Nitrophenol	14.44	109	83861	25.870	ng/ul#	70
53) Dibenzofuran	14.55	168	437691	19.861	ng/ul	92
54) 2,4-Dinitrotoluene	14.56	165	116376	21.649	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	14.79	232	88525	19.724	ng/ul#	73
56) Diethylphthalate	14.99	149	406178	20.641	ng/ul#	93
58) Fluorene	15.20	166	367190	19.300	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.20	204	192015	19.296	ng/ul#	88
60) 4-Nitroaniline	15.27	138	66523	20.860	ng/ul#	49
63) 4,6-Dinitro-2-methylphenol	15.34	198	57044	17.336	ng/ul#	74
64) N-Nitrosodiphenylamine	15.42	169	308940	19.948	ng/ul	97
65) 4-Bromophenyl-phenylether	16.09	248	124799	20.753	ng/ul#	87
66) Hexachlorobenzene	16.21	284	127321	20.133	ng/ul#	82
67) Atrazine	16.39	200	132146	21.606	ng/ul	100
68) Pentachlorophenol	16.57	266	54049	16.310	ng/ul	96
69) Phenanthrene	16.94	178	605897	19.513	ng/ul	99
71) Anthracene	17.04	178	620431	19.868	ng/ul	99
72) Carbazole	17.33	167	520104	19.807	ng/ul	97
73) Di-n-butylphthalate	17.88	149	704648	20.801	ng/ul	98
74) Fluoranthene	18.98	202	747207	20.142	ng/ul#	97
77) Pyrene	19.34	202	758798	19.287	ng/ul#	94
78) Butylbenzylphthalate	20.26	149	336211	20.668	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.05	252	207416	19.929	ng/ul#	95
80) Benzo(a)anthracene	21.11	228	745005	20.164	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.03	149	467731	20.077	ng/ul#	91
82) Chrysene	21.16	228	678325	19.681	ng/ul	97
84) Di-n-octyl phthalate	21.89	149	749547	16.543	ng/ul#	89
85) Benzo(b)fluoranthene	22.64	252	684779	19.369	ng/ul#	99
86) Benzo(k)fluoranthene	22.69	252	645233	19.195	ng/ul#	99
88) Benzo(a)pyrene	23.20	252	627095	19.849	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.44	276	643186	20.980	ng/ul	96
90) Dibenzo(a,h)anthracene	25.44	278	544388	21.370	ng/ul#	98
91) Benzo(g,h,i)perylene	26.10	276	512376	20.631	ng/ul	95

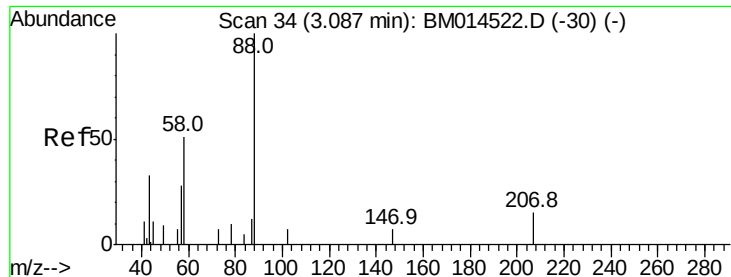
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 4.671 ng/uL

RT: 3.08 min Scan# 33

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

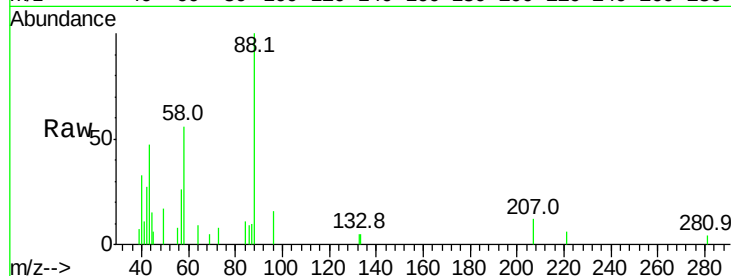
Tot Ion: 88 Resp: 9227

Ion Ratio Lower Upper

88 100

43 43.6 48.0 72.0#

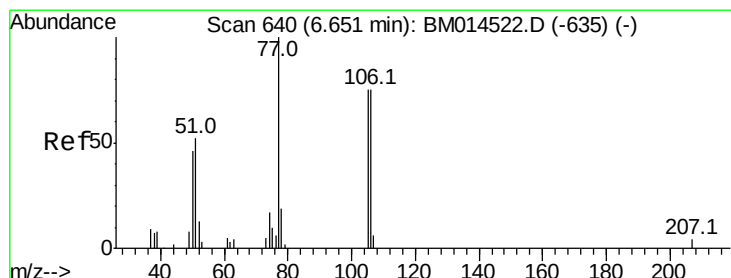
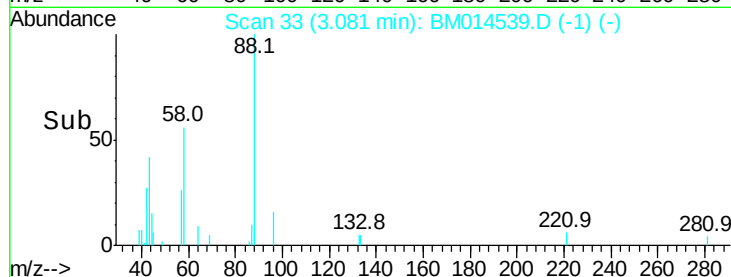
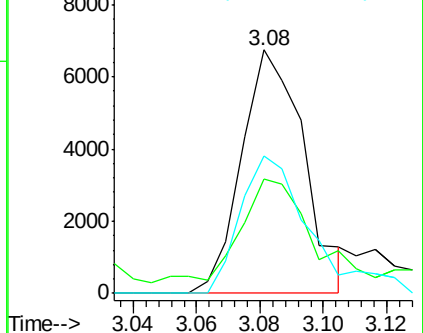
58 56.8 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014522.D (-30) (-)

Ion 43.00 (42.70 to 43.70): BM014522.D (-30) (-)

Ion 58.00 (57.70 to 58.70): BM014522.D (-30) (-)



#4

Benzaldehyde

Concen: 23.621 ng/uL

RT: 6.65 min Scan# 639

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

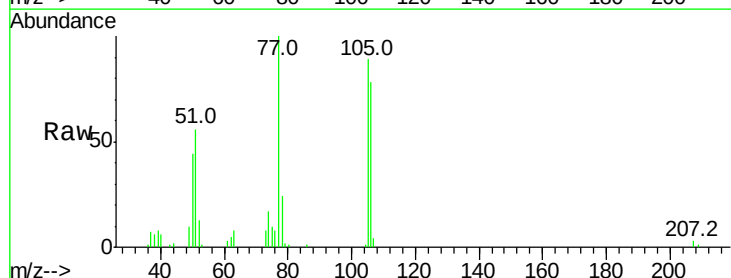
Tgt Ion: 77 Resp: 61946

Ion Ratio Lower Upper

77 100

105 88.5 66.1 99.1

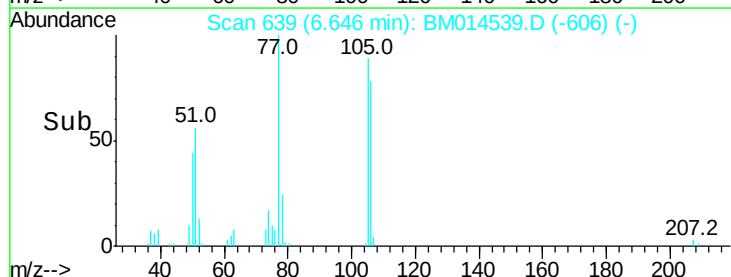
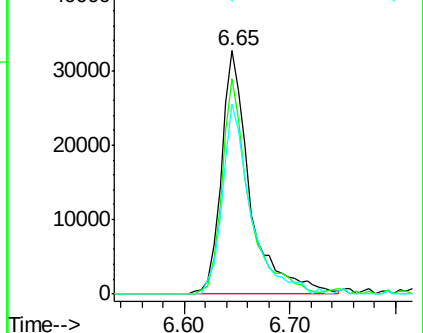
106 78.2 67.8 101.6

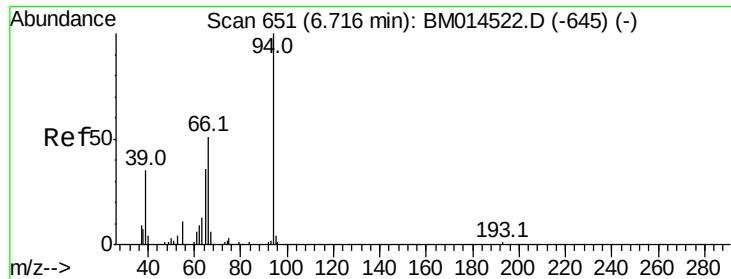


Abundance Ion 77.00 (76.70 to 77.70): BM014522.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM014522.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM014522.D (-635) (-)





#6

Phenol

Concen: 17.135 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

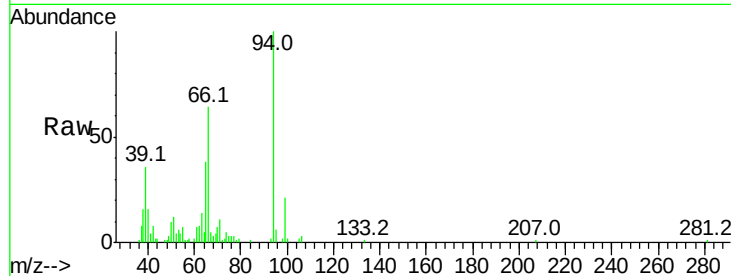
Tot Ion: 94 Resp: 115656

Ion Ratio Lower Upper

94 100

65 37.8 28.2 42.4

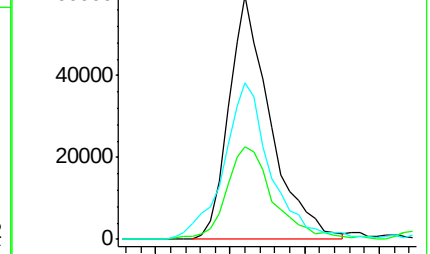
66 64.3 47.2 70.8



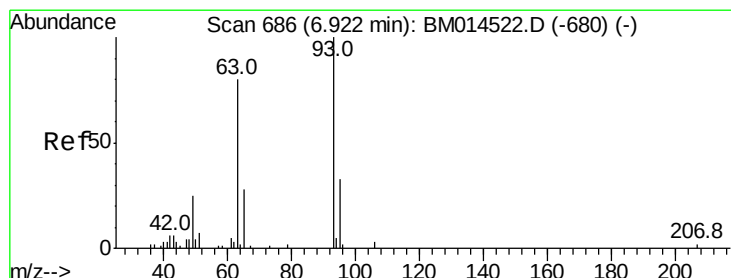
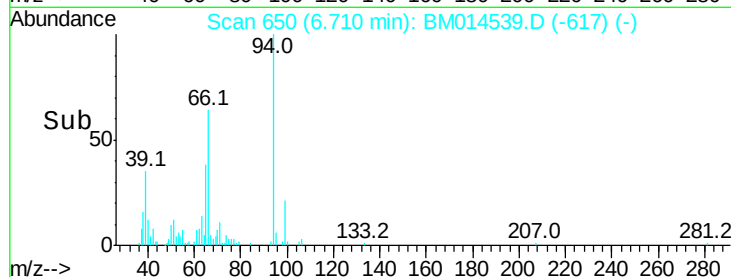
Abundance Ion 94.00 (93.70 to 94.70): BM014522.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM014522.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM014522.D (-645) (-)



Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 18.868 ng/ul

RT: 6.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

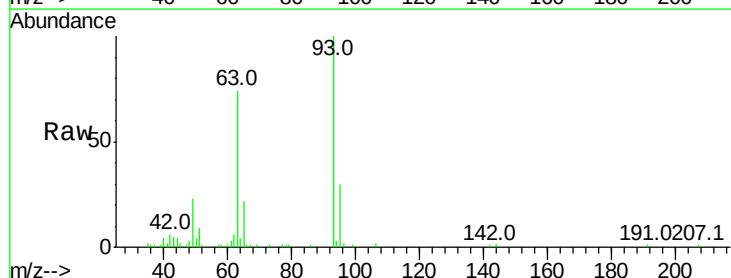
Tgt Ion: 93 Resp: 92402

Ion Ratio Lower Upper

93 100

63 73.9 57.3 85.9

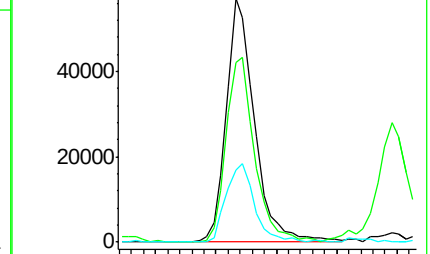
95 29.6 26.6 39.8



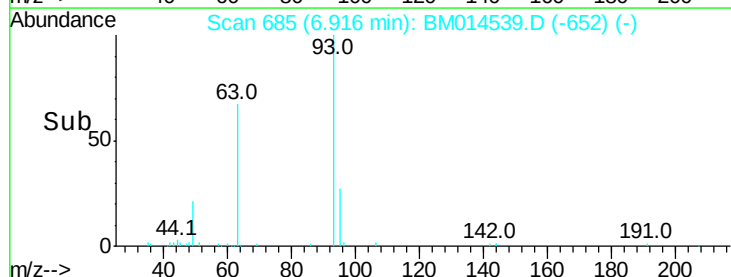
Abundance Ion 93.00 (92.70 to 93.70): BM014522.D (-680) (-)

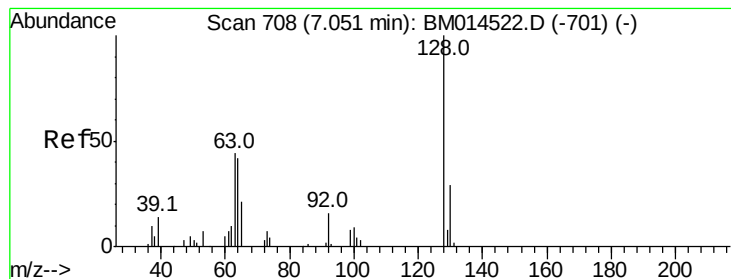
Ion 63.00 (62.70 to 63.70): BM014522.D (-680) (-)

Ion 95.00 (94.70 to 95.70): BM014522.D (-680) (-)



Time-->





#10

2-Chlorophenol

Concen: 18.348 ng/ul

RT: 7.05 min Scan# 707

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

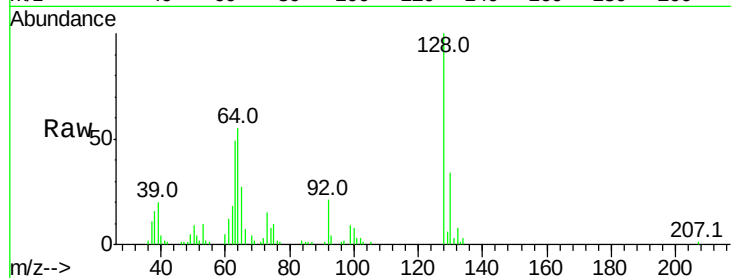
Tot Ion:128 Resp: 92399

Ion Ratio Lower Upper

128 100

64 55.3 38.0 57.0

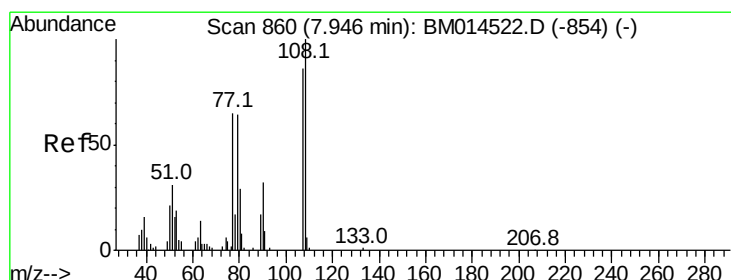
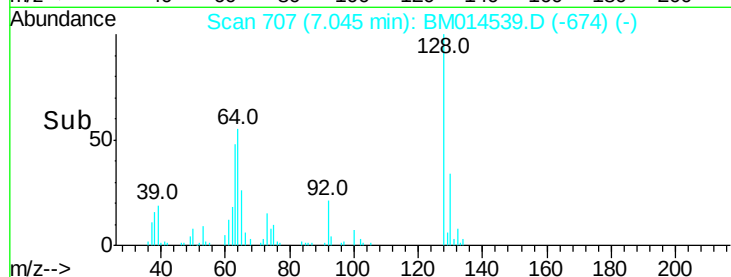
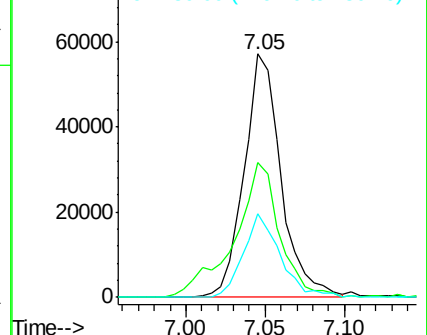
130 34.1 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.203 ng/ul

RT: 7.94 min Scan# 859

Delta R.T. -0.01 min

Lab File: BM014539.D

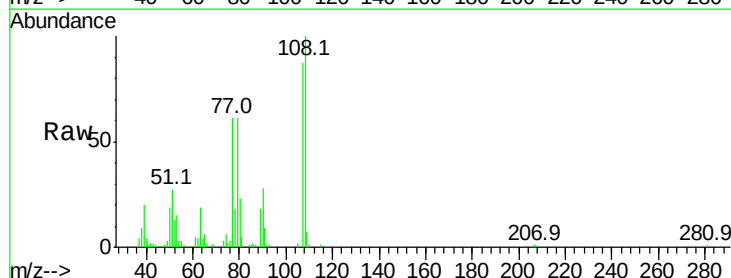
Acq: 13 Mar 2018 04:12

Tgt Ion:108 Resp: 93976

Ion Ratio Lower Upper

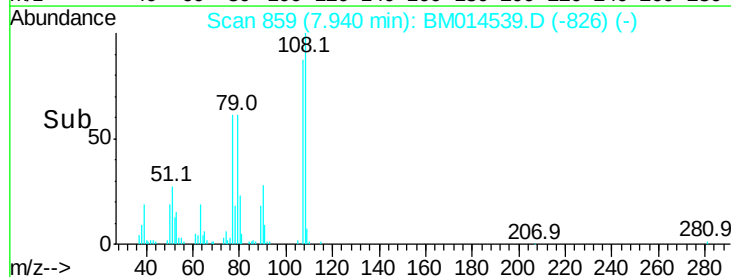
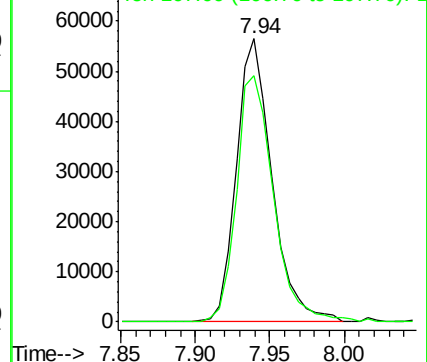
108 100

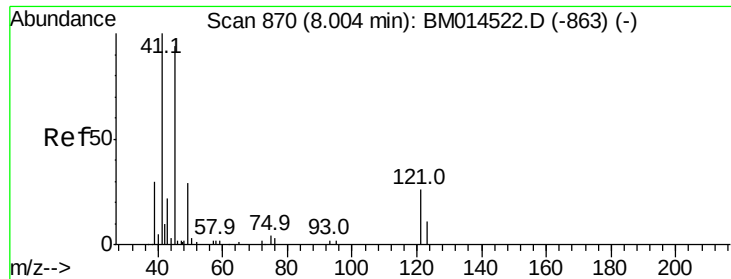
107 87.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

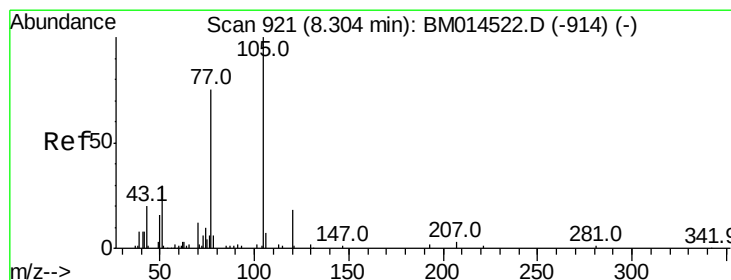
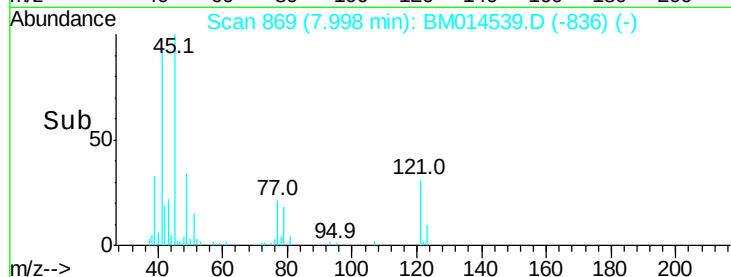
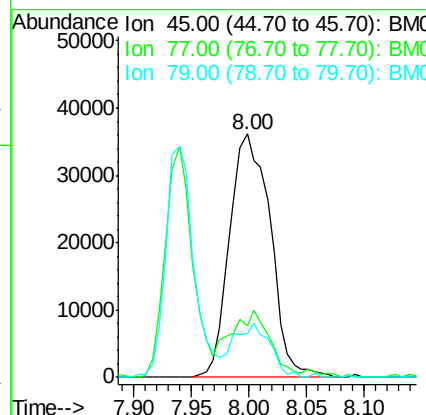
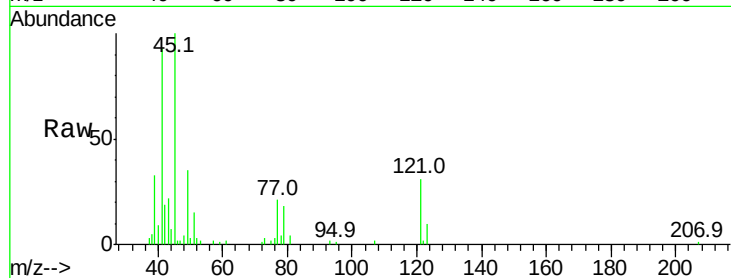




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 17.930 ng/ul
 RT: 8.00 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

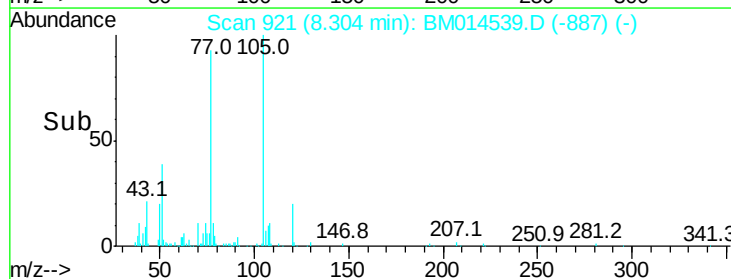
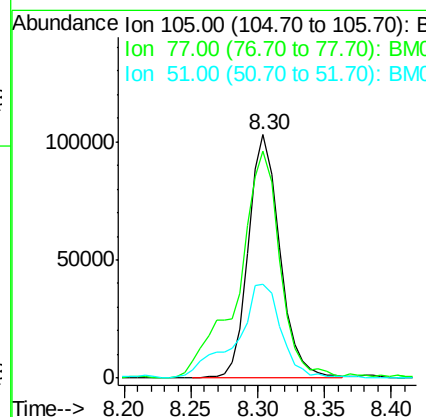
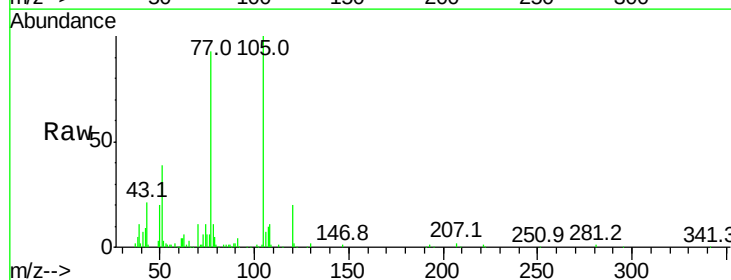
Instrument :
 BNA_M
 ClientSampled :

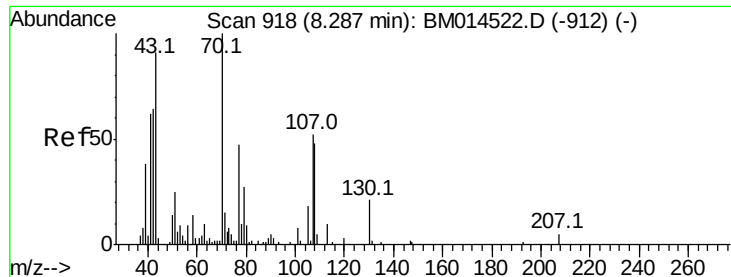
Tot Ion: 45 Resp: 88616
 Ion Ratio Lower Upper
 45 100
 77 21.4 8.0 12.0#
 79 18.2 8.0 12.0#



#14
 Acetophenone
 Concen: 17.259 ng/ul
 RT: 8.30 min Scan# 921
 Delta R.T. -0.00 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Tgt Ion: 105 Resp: 167585
 Ion Ratio Lower Upper
 105 100
 77 93.1 74.2 111.4
 51 38.5 23.4 35.2#





#15

N-Nitroso-di-n-propylamine

Concen: 19.145 ng/ul

RT: 8.28 min Scan# 917

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 93159

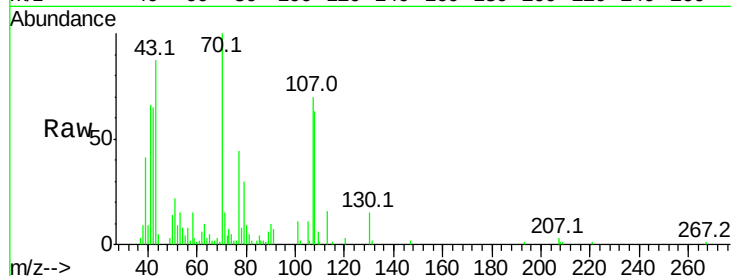
Ion Ratio Lower Upper

70 100

42 65.0 76.0 114.0#

101 11.2 6.7 10.1#

130 14.5 14.6 22.0#

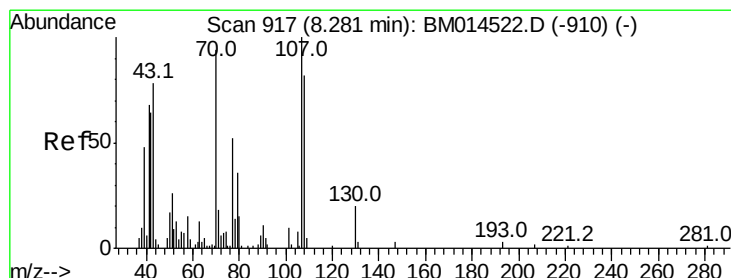
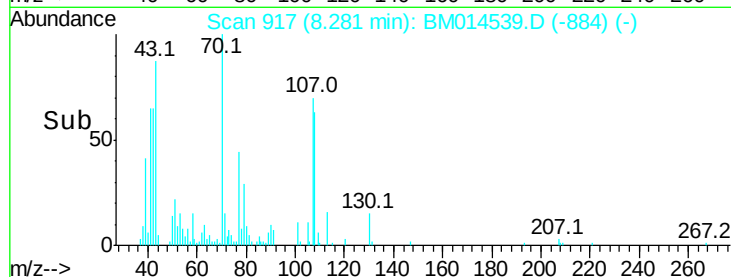
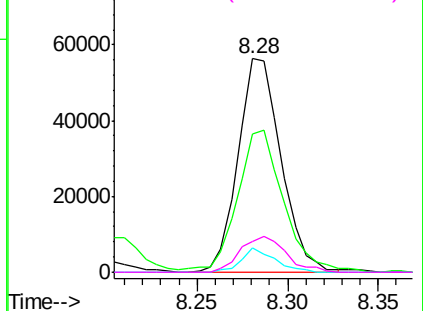


Abundance Ion 70.00 (69.70 to 70.70): BM0

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



#16

4-Methylphenol

Concen: 17.700 ng/ul

RT: 8.27 min Scan# 916

Delta R.T. -0.01 min

Lab File: BM014539.D

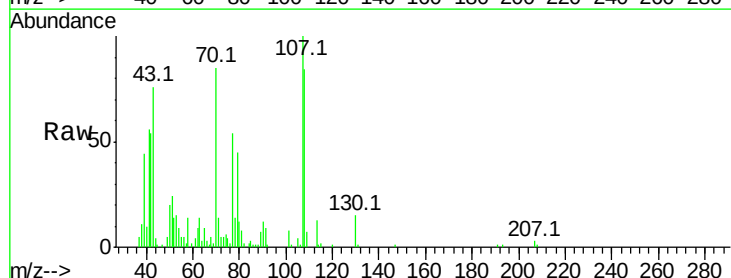
Acq: 13 Mar 2018 04:12

Tgt Ion:108 Resp: 99578

Ion Ratio Lower Upper

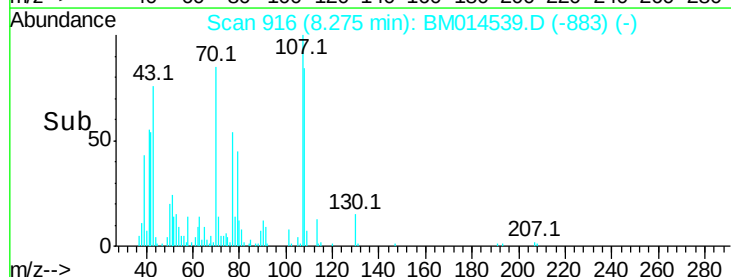
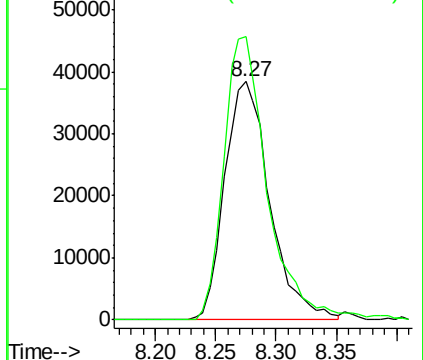
108 100

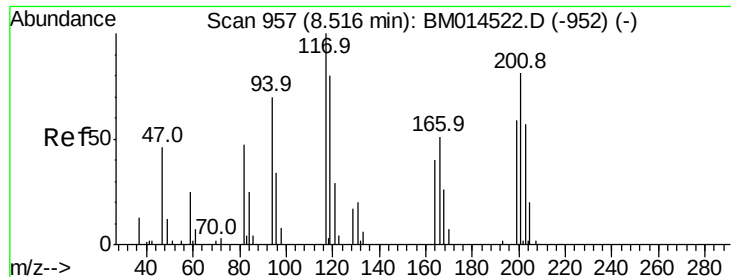
107 118.9 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

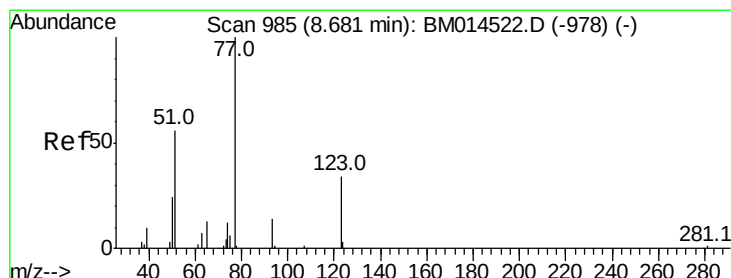
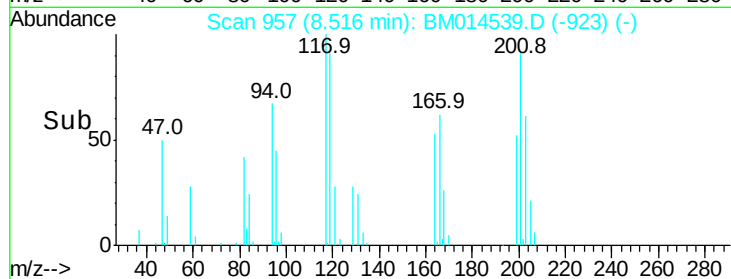
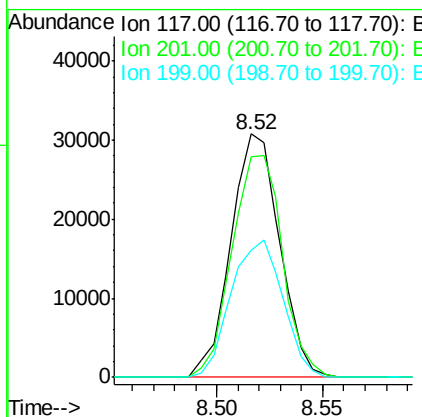
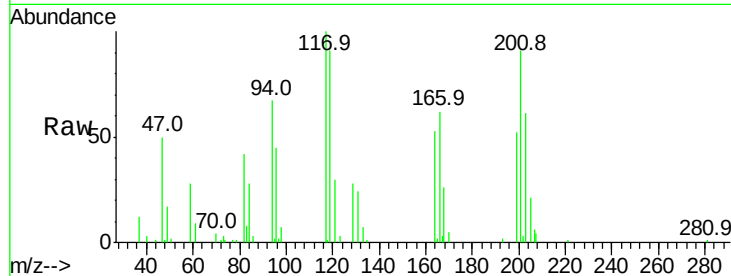




#17
Hexachloroethane
Concen: 18.812 ng/ul
RT: 8.52 min Scan# 957
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

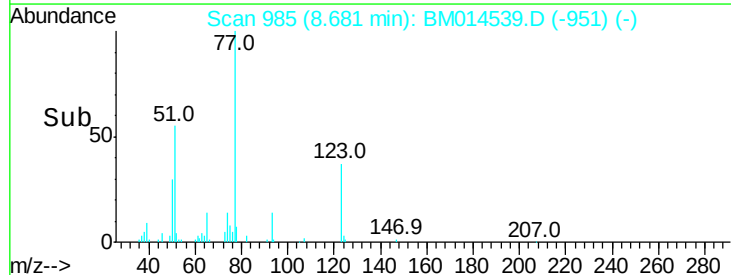
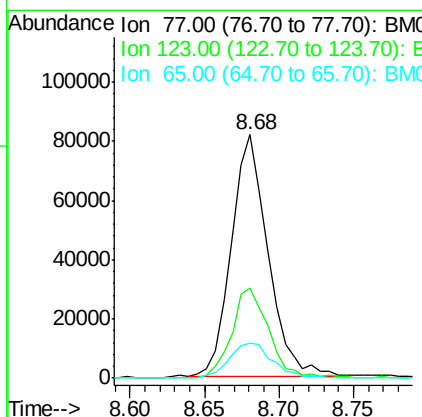
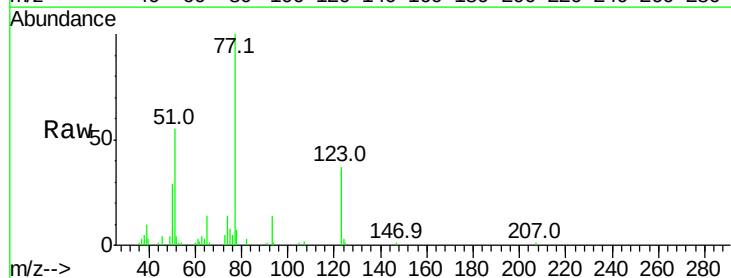
Instrument :
BNA_M
ClientSampleId :

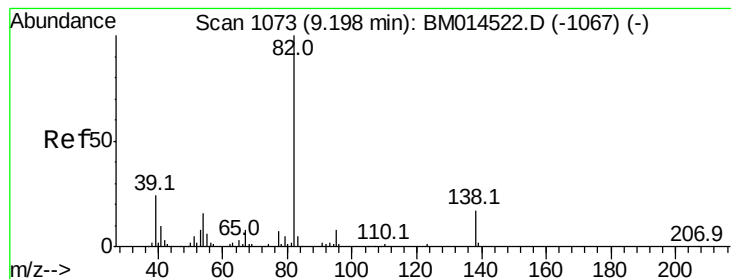
Tot Ion:117 Resp: 49350
Ion Ratio Lower Upper
117 100
201 90.7 111.6 167.4#
199 52.1 67.8 101.6#



#20
Nitrobenzene
Concen: 19.263 ng/ul
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion: 77 Resp: 139989
Ion Ratio Lower Upper
77 100
123 36.8 31.0 46.6
65 14.3 12.2 18.2





#21

Isophorone

Concen: 20.141 ng/ul

RT: 9.20 min Scan# 1073

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

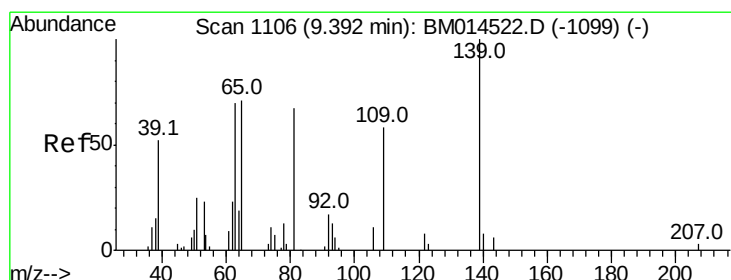
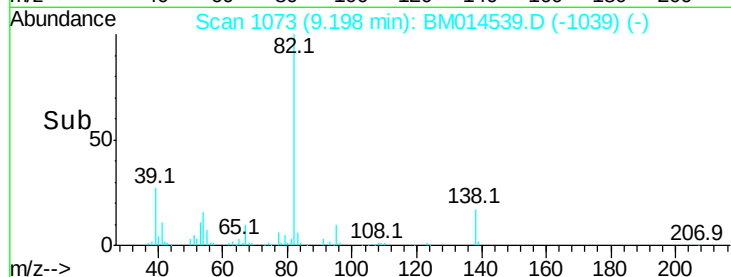
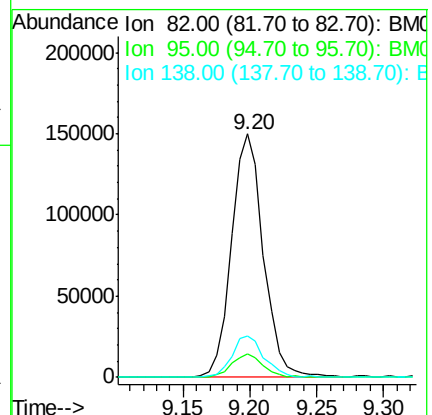
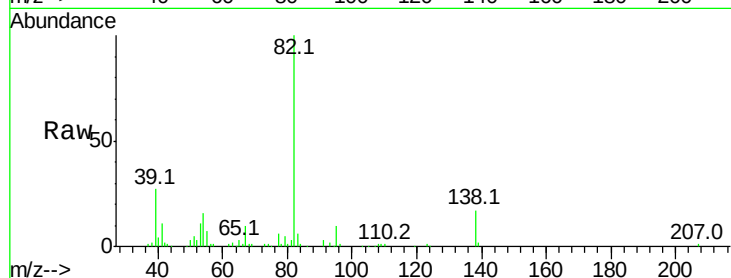
Tot Ion: 82 Resp: 250368

Ion Ratio Lower Upper

82 100

95 9.5 7.8 11.8

138 17.2 11.9 17.9



#23

2-Nitrophenol

Concen: 19.450 ng/ul

RT: 9.39 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

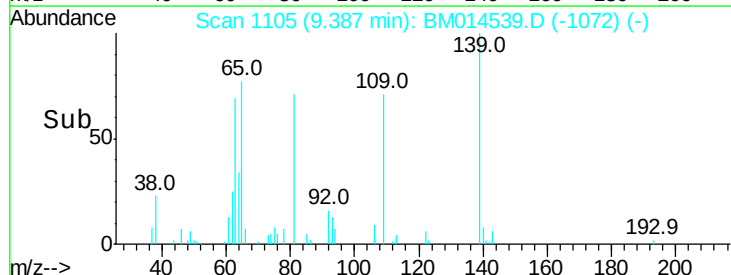
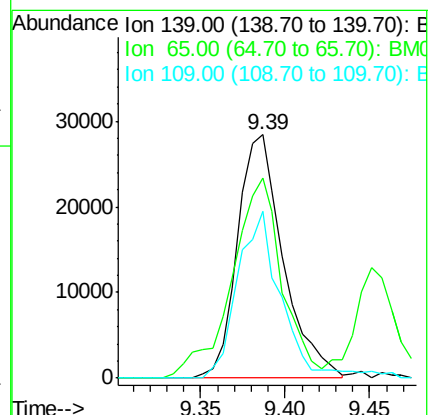
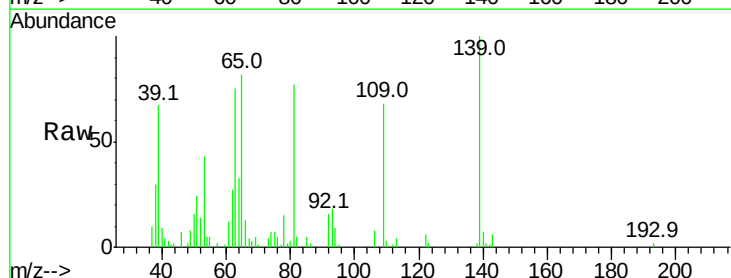
Tgt Ion: 139 Resp: 53579

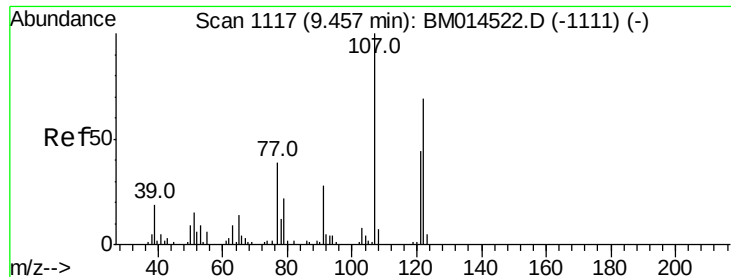
Ion Ratio Lower Upper

139 100

65 82.4 55.4 83.0

109 68.3 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 20.426 ng/ul

RT: 9.46 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampled :

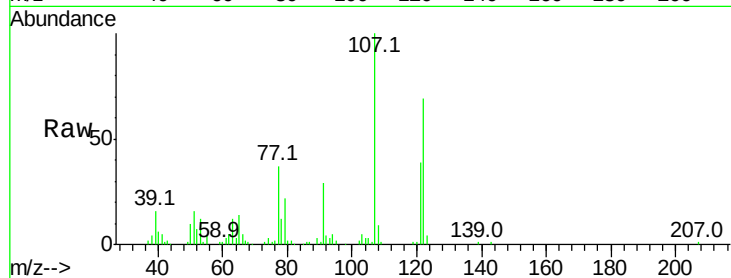
Tot Ion:107 Resp: 137949

Ion Ratio Lower Upper

107 100

121 39.2 31.9 47.9

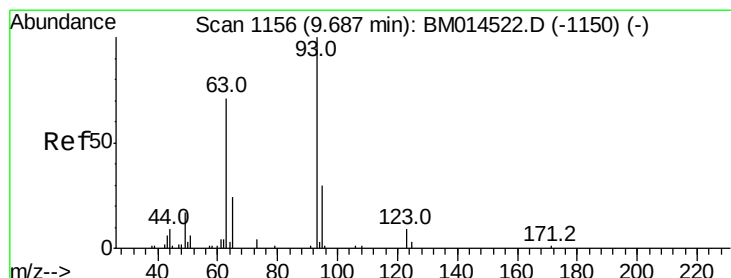
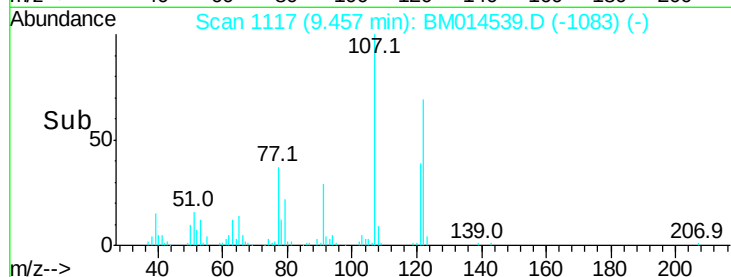
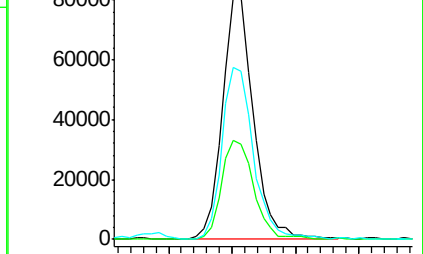
122 69.0 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.262 ng/ul

RT: 9.68 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

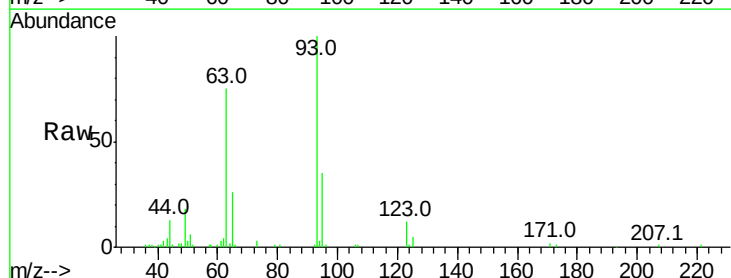
Tgt Ion: 93 Resp: 126129

Ion Ratio Lower Upper

93 100

95 35.4 28.5 42.7

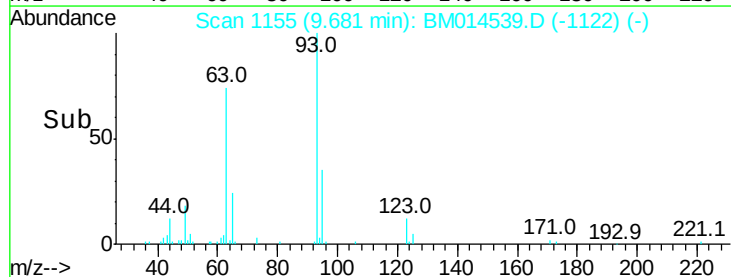
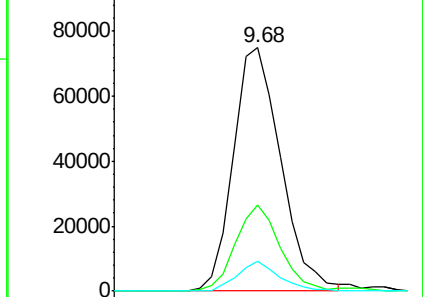
123 12.2 8.9 13.3

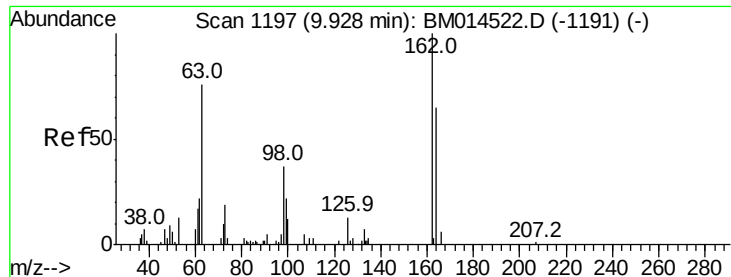


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

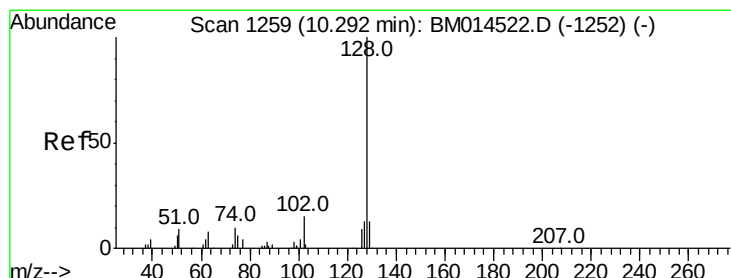
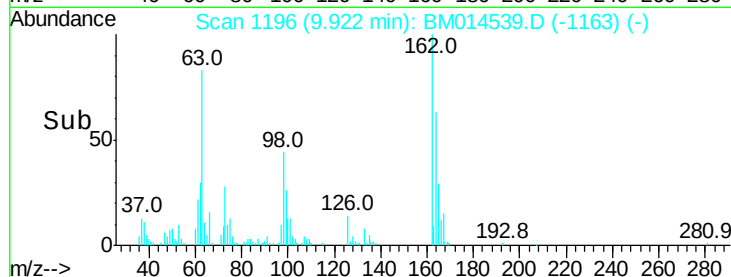
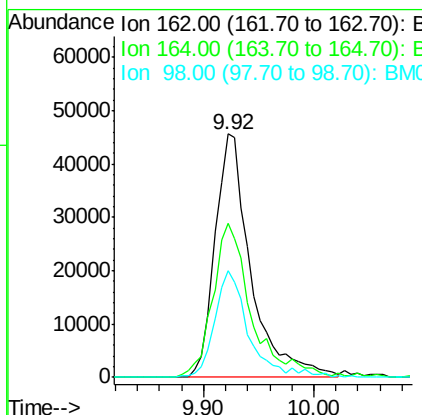
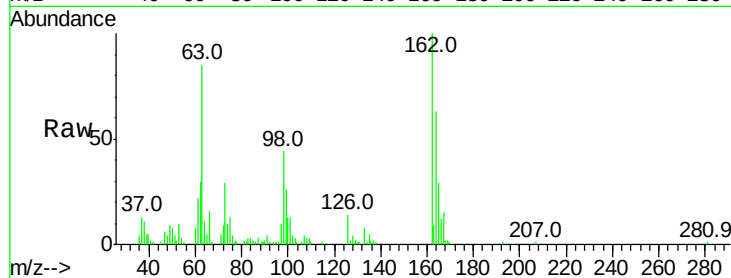




#27
 2,4-Dichlorophenol
 Concen: 20.621 ng/ul
 RT: 9.92 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

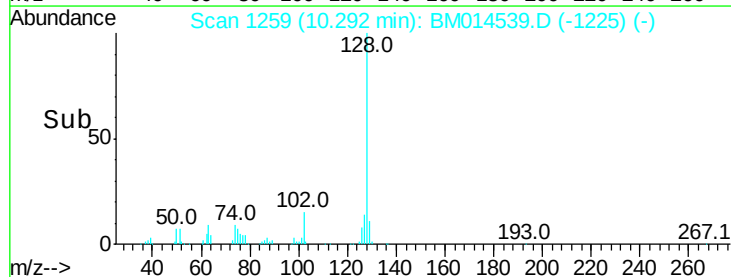
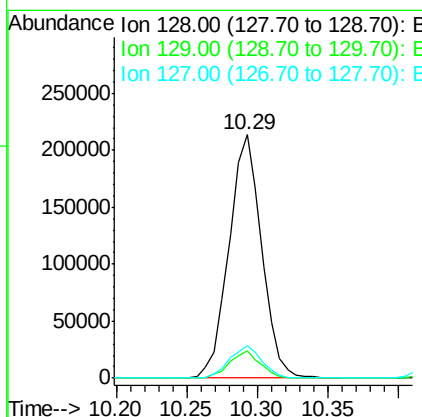
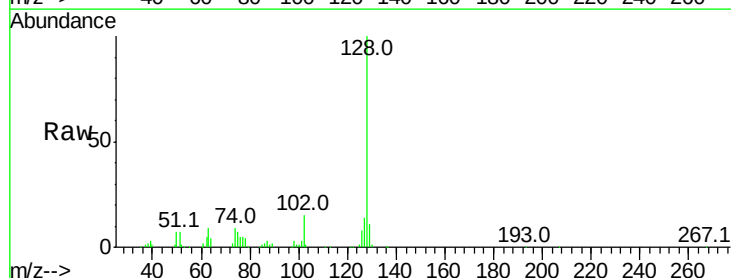
Instrument :
 BNA_M
 ClientSampleId :

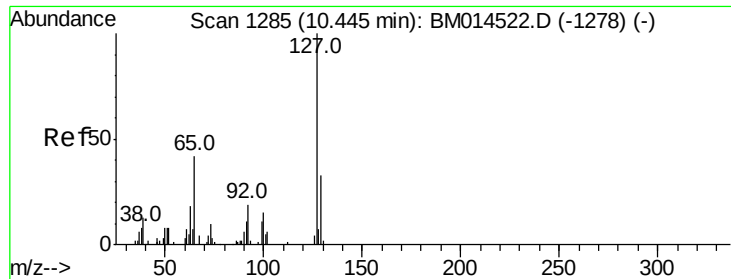
Tot Ion:162 Resp: 103069
 Ion Ratio Lower Upper
 162 100
 164 63.5 47.8 71.6
 98 43.7 23.0 34.4#



#28
 Naphthalene
 Concen: 20.140 ng/ul
 RT: 10.29 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Tgt Ion:128 Resp: 343955
 Ion Ratio Lower Upper
 128 100
 129 11.3 8.8 13.2
 127 13.5 10.6 16.0

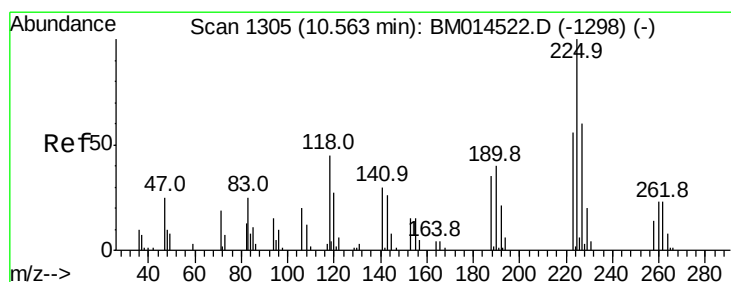
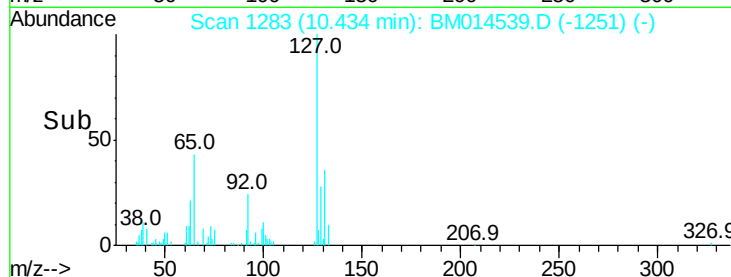
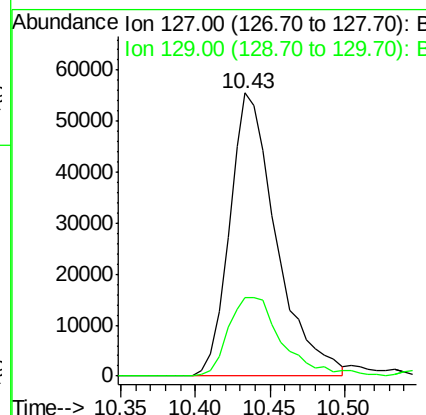
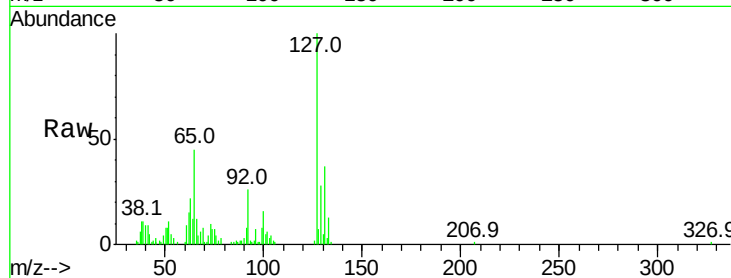




#30
4-Chloroaniline
Concen: 22.869 ng/ul
RT: 10.43 min Scan# 1283
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

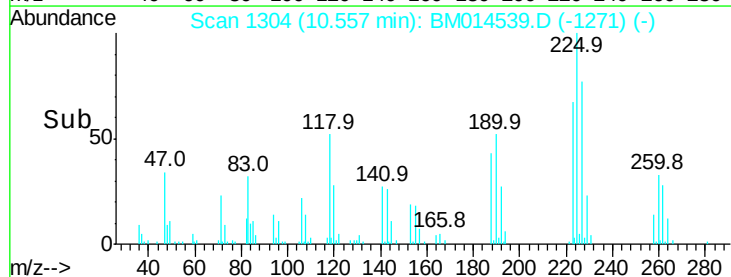
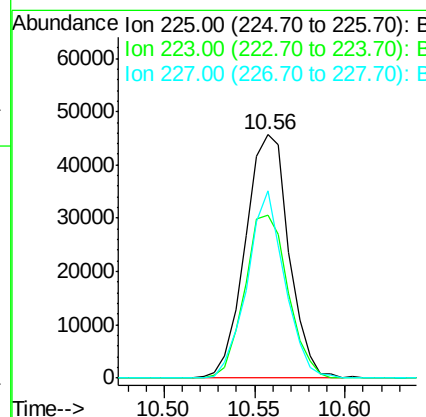
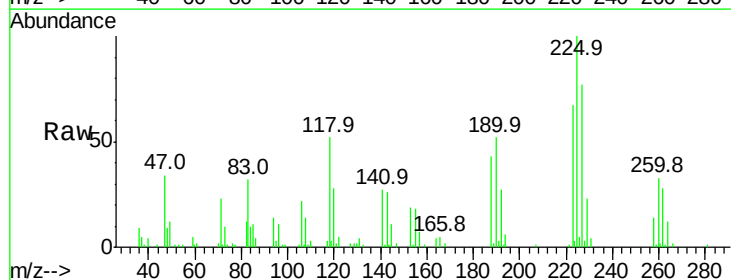
Instrument :
BNA_M
ClientSampled :

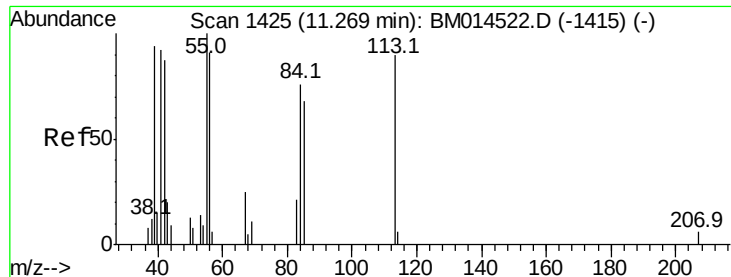
Tot Ion:127 Resp: 121046
Ion Ratio Lower Upper
127 100
129 27.9 28.4 42.6#



#31
Hexachlorobutadiene
Concen: 19.249 ng/ul
RT: 10.56 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion:225 Resp: 76332
Ion Ratio Lower Upper
225 100
223 66.7 49.4 74.2
227 76.8 45.4 68.2#





#32

Caprolactam

Concen: 5.774 ng/ul

RT: 11.27 min Scan# 1426

Delta R.T. 0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

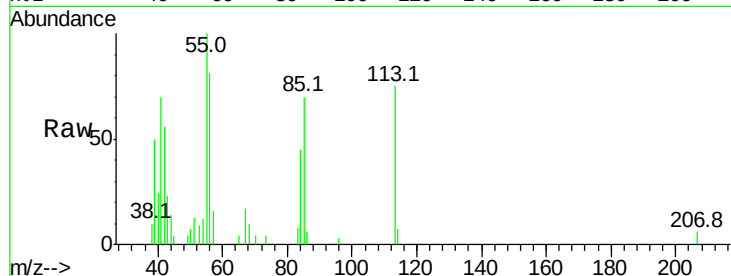
Tot Ion:113 Resp: 9243

Ion Ratio Lower Upper

113 100

55 132.5 208.0 312.0#

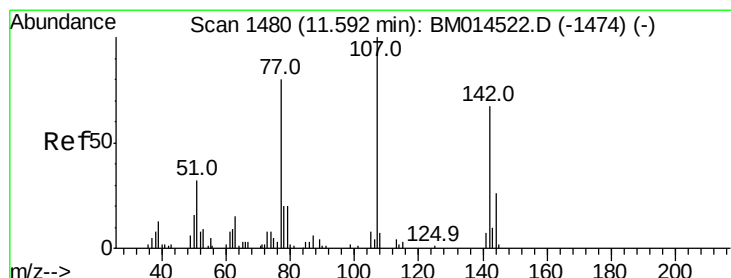
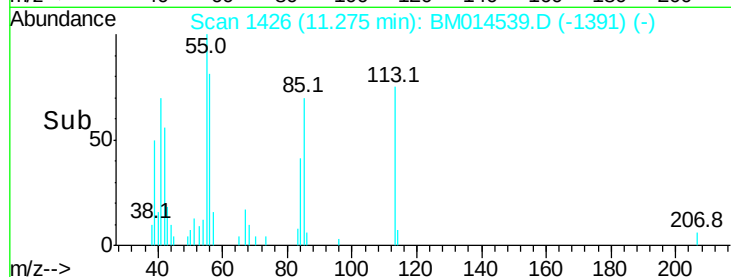
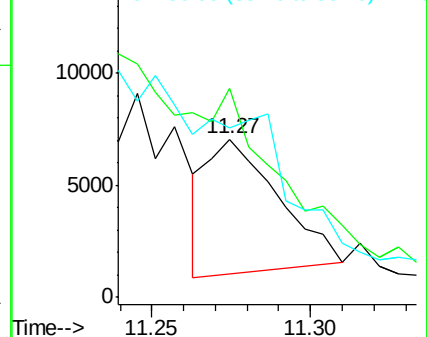
56 107.2 160.0 240.0#



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



#33

4-Chloro-3-methylphenol

Concen: 20.374 ng/ul

RT: 11.59 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

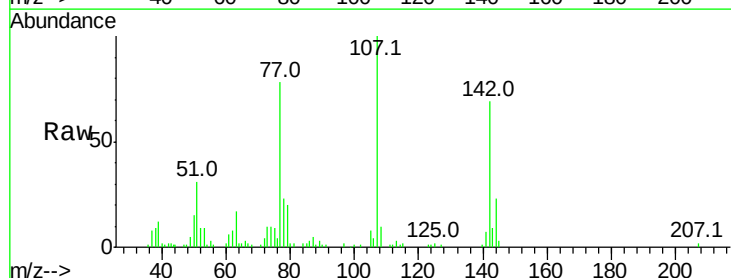
Tgt Ion:107 Resp: 123050

Ion Ratio Lower Upper

107 100

144 22.6 20.4 30.6

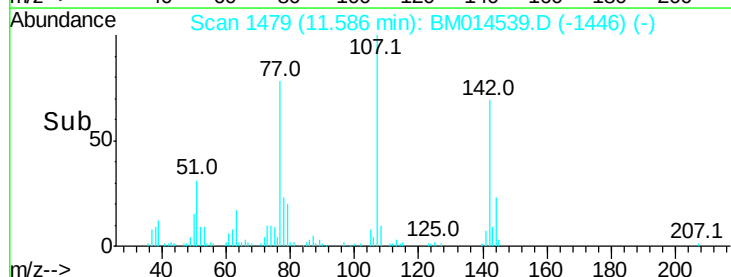
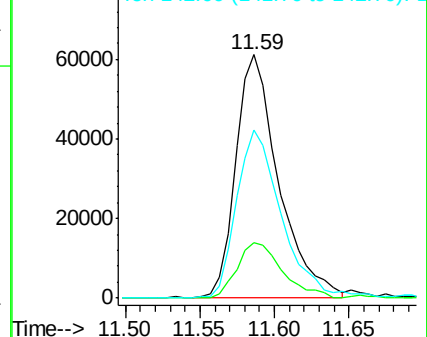
142 69.1 60.5 90.7

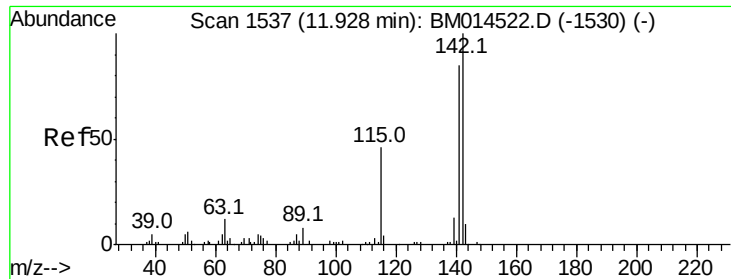


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.700 ng/ul

RT: 11.92 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

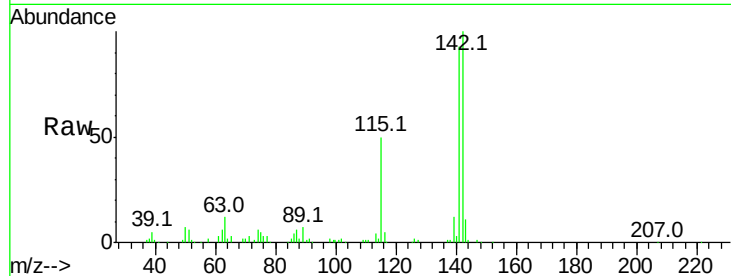
ClientSampleId :

Tot Ion:142 Resp: 256077

Ion Ratio Lower Upper

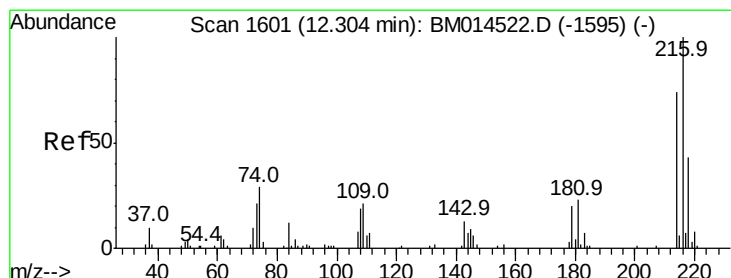
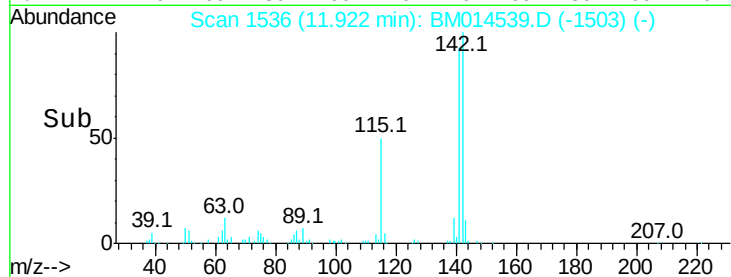
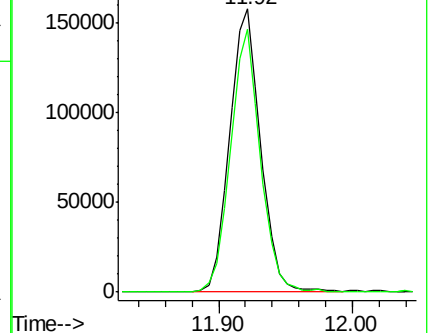
142 100

141 93.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.587 ng/ul

RT: 12.30 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Tgt Ion:216 Resp: 143308

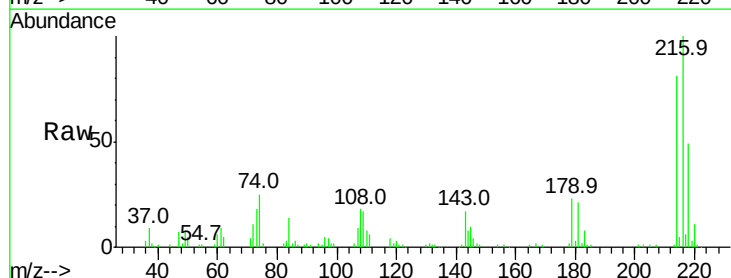
Ion Ratio Lower Upper

216 100

214 80.6 60.6 90.8

179 23.1 17.5 26.3

108 18.5 11.3 16.9#

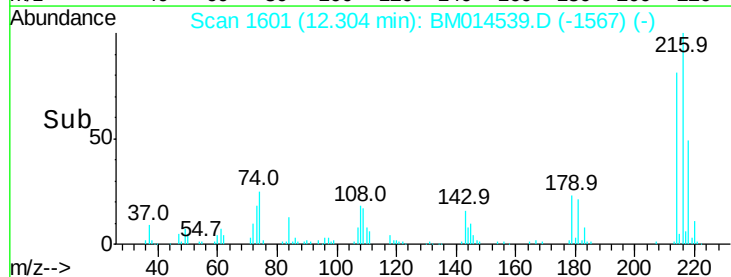
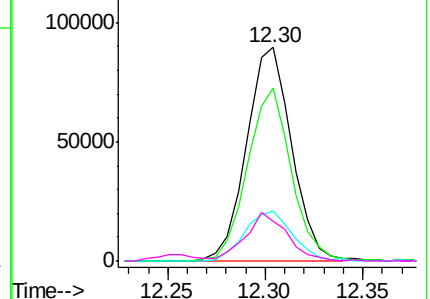


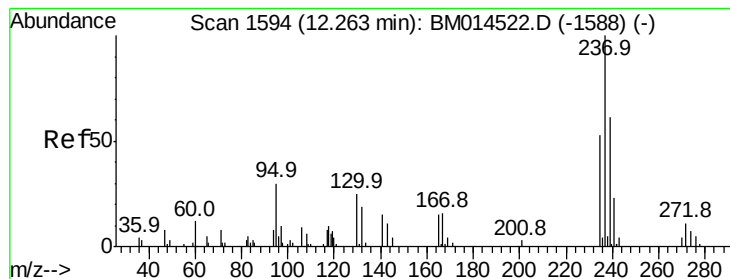
Abundance Ion 216.00 (215.70 to 216.70): E

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





#37

Hexachlorocyclopentadiene

Concen: 19.058 ng/ul

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

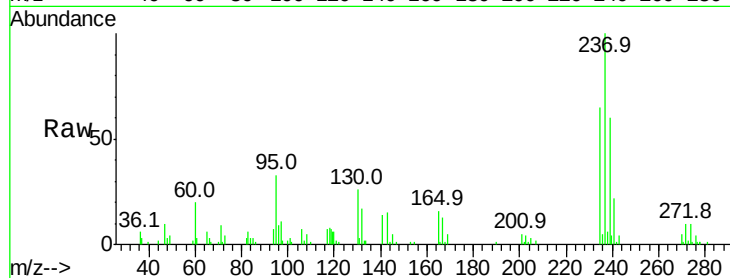
Tot Ion:237 Resp: 72196

Ion Ratio Lower Upper

237 100

235 64.9 50.2 75.4

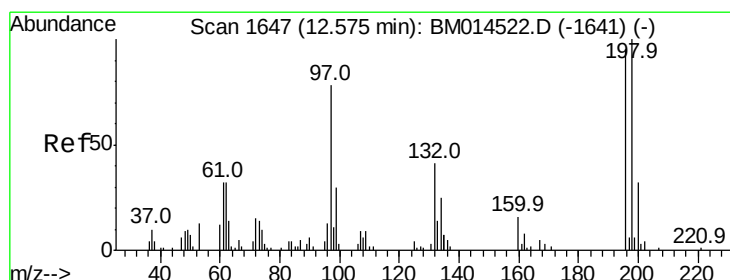
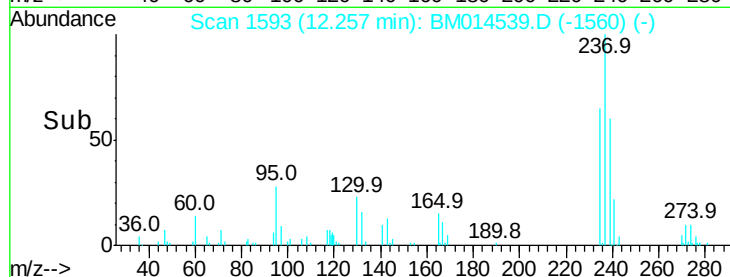
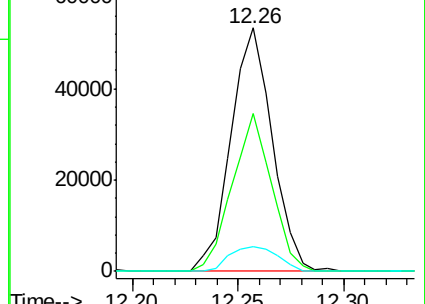
272 11.5 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.348 ng/ul

RT: 12.57 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

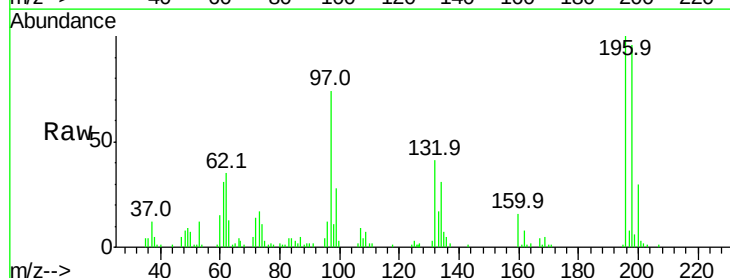
Tgt Ion:196 Resp: 92714

Ion Ratio Lower Upper

196 100

198 96.1 74.1 111.1

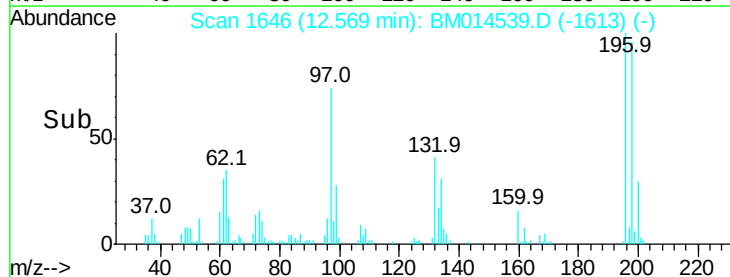
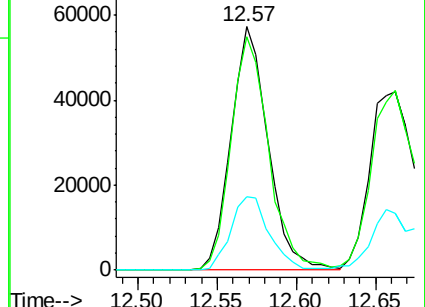
200 30.4 25.2 37.8

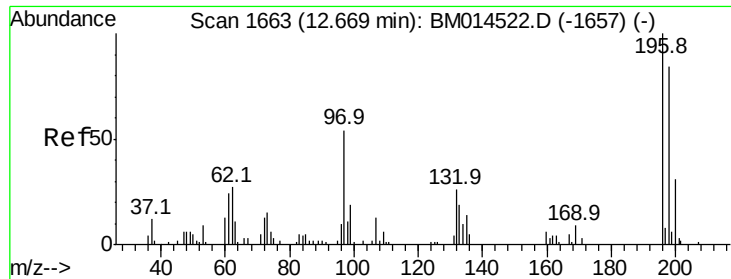


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

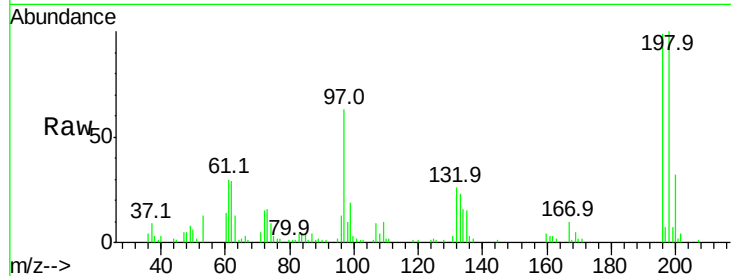




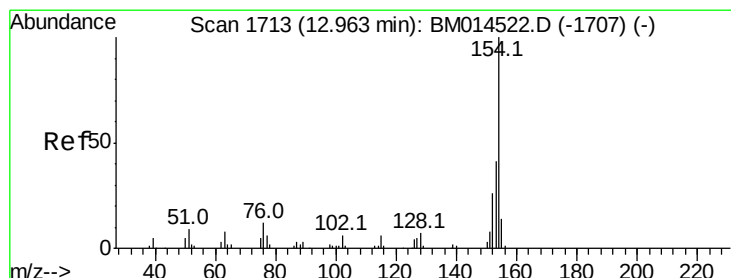
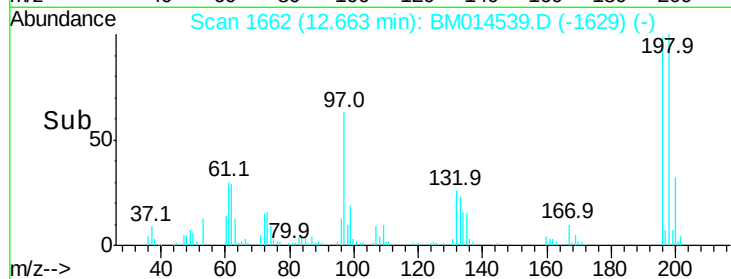
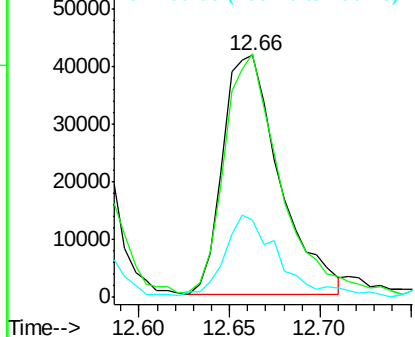
#39
 2,4,5-Trichlorophenol
 Concen: 20.378 ng/ul
 RT: 12.66 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 90444
 Ion Ratio Lower Upper
 196 100
 198 100.6 75.6 113.4
 200 31.7 25.5 38.3

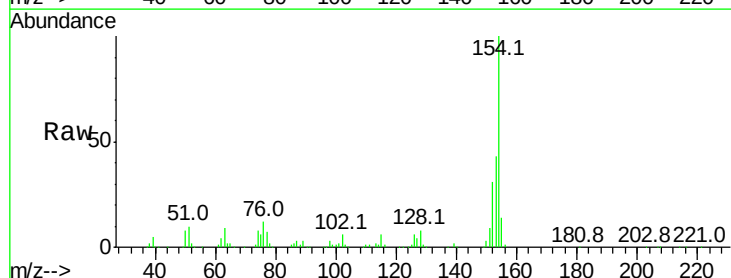


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

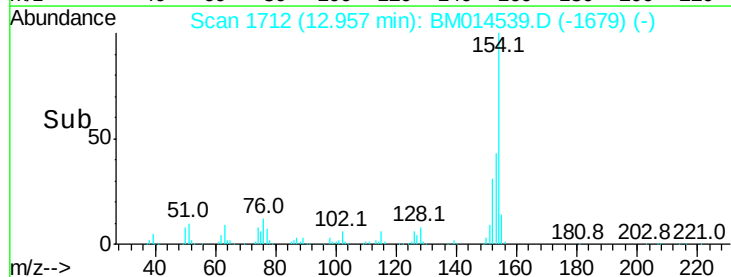
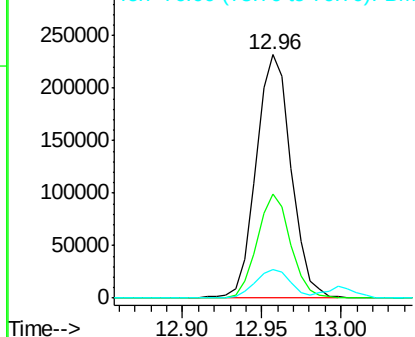


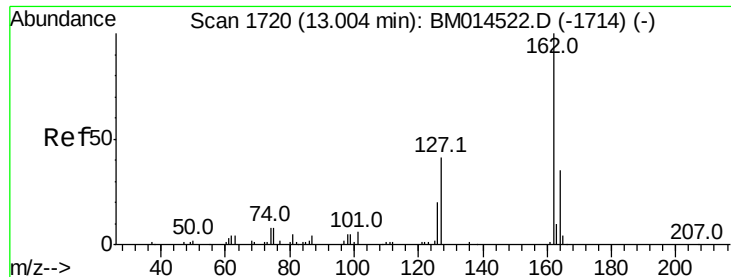
#40
 1,1'-Biphenyl
 Concen: 21.368 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Tgt Ion:154 Resp: 356952
 Ion Ratio Lower Upper
 154 100
 153 42.9 32.6 48.8
 76 11.7 8.5 12.7



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

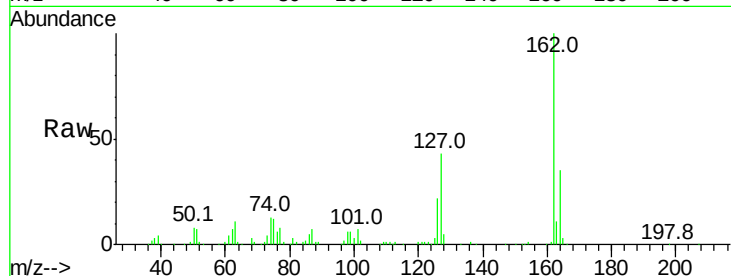




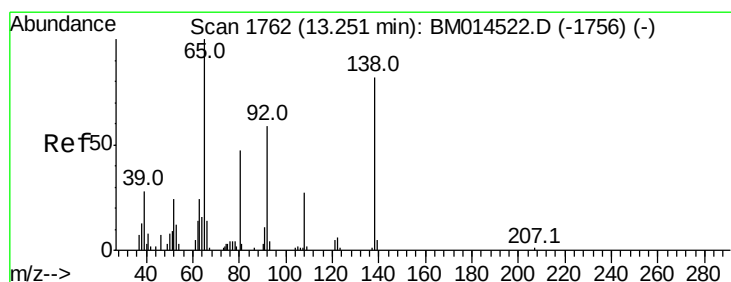
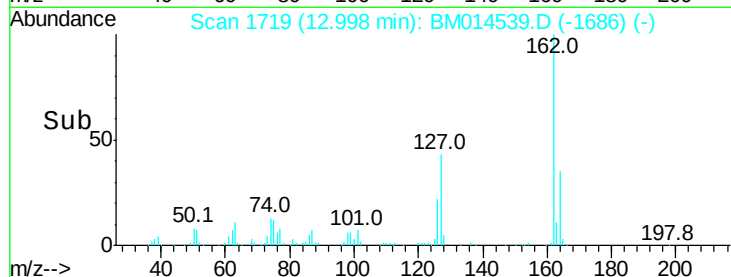
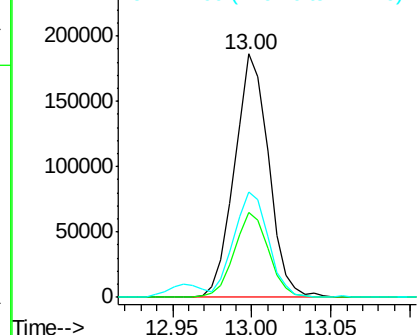
#41
2-Chloronaphthalene
Concen: 20.860 ng/ul
RT: 13.00 min Scan# 1719
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 278368
Ion Ratio Lower Upper
162 100
164 34.6 25.9 38.9
127 43.4 29.4 44.2

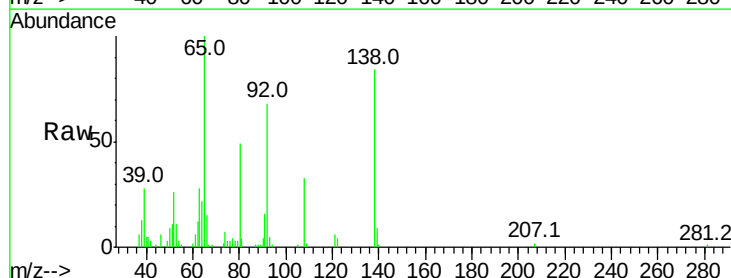


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

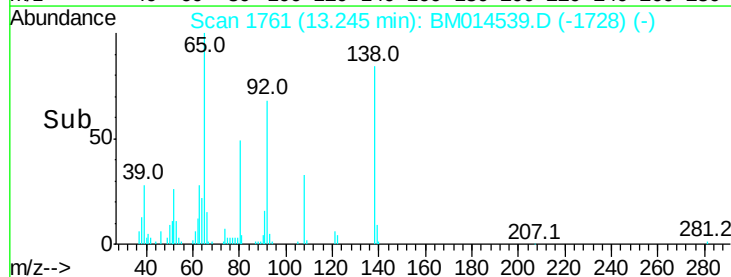
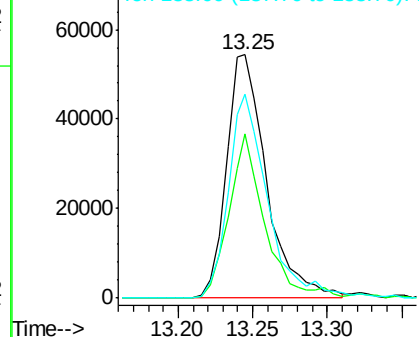


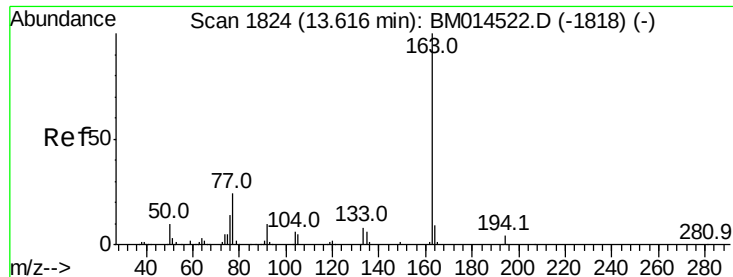
#42
2-Nitroaniline
Concen: 22.636 ng/ul
RT: 13.25 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion: 65 Resp: 102208
Ion Ratio Lower Upper
65 100
92 67.5 51.8 77.6
138 83.6 74.2 111.4



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

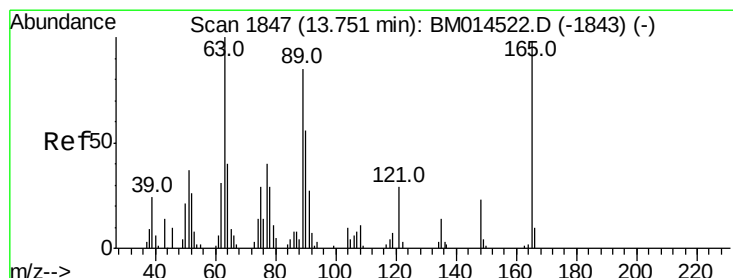
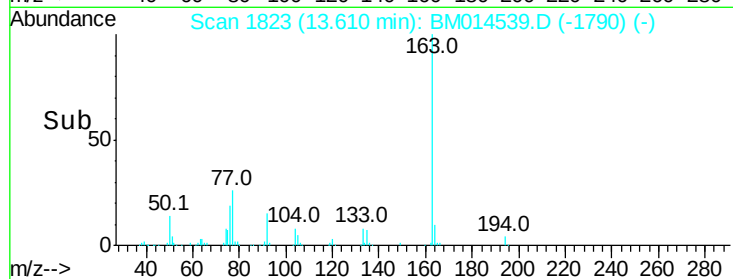
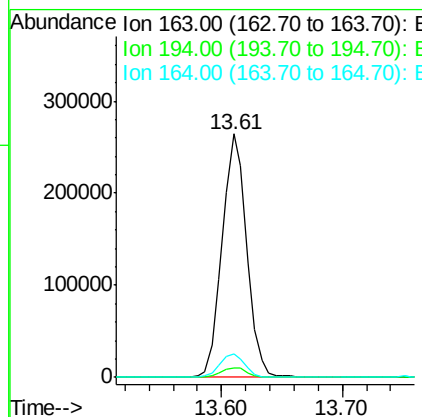
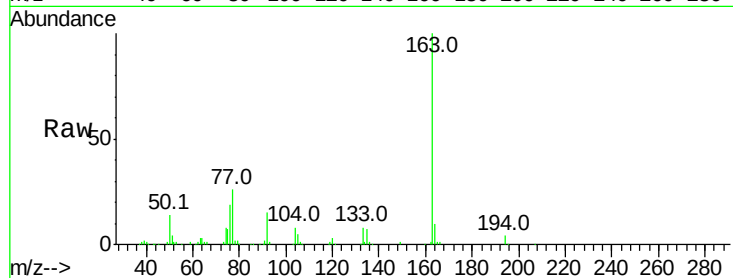




#44
Dimethylphthalate
Concen: 21.043 ng/ul
RT: 13.61 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

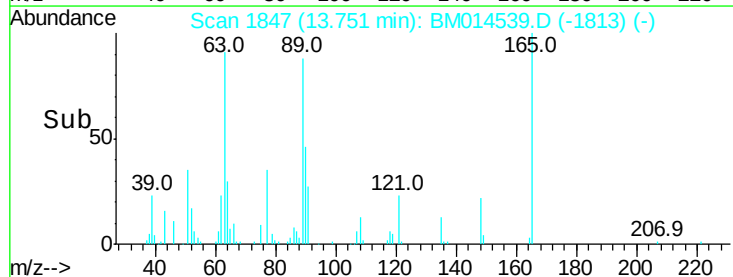
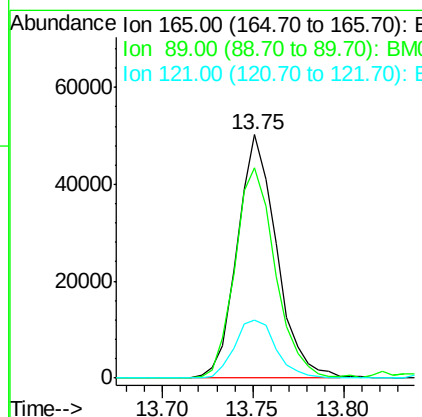
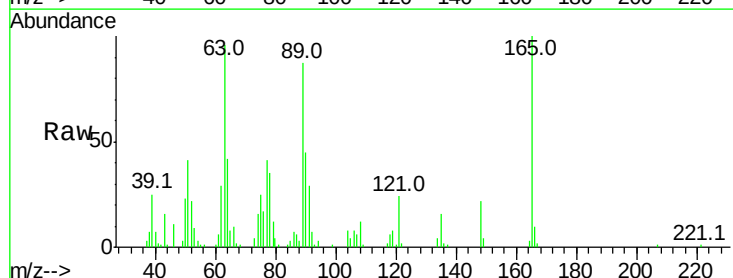
Instrument :
BNA_M
ClientSampleId :

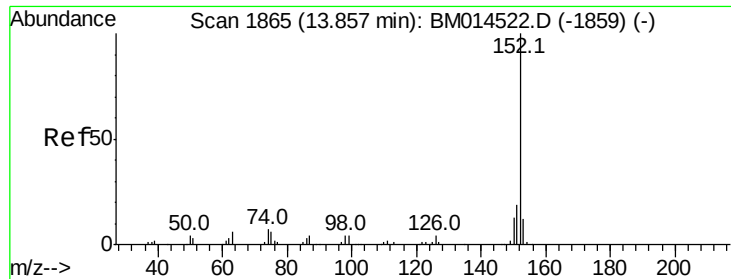
Tot Ion:163 Resp: 371600
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 9.7 8.2 12.4



#45
2,6-Dinitrotoluene
Concen: 22.622 ng/ul
RT: 13.75 min Scan# 1847
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion:165 Resp: 75898
Ion Ratio Lower Upper
165 100
89 86.5 52.6 79.0#
121 24.0 14.6 22.0#





#47

Acenaphthylene

Concen: 20.623 ng/ul

RT: 13.86 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

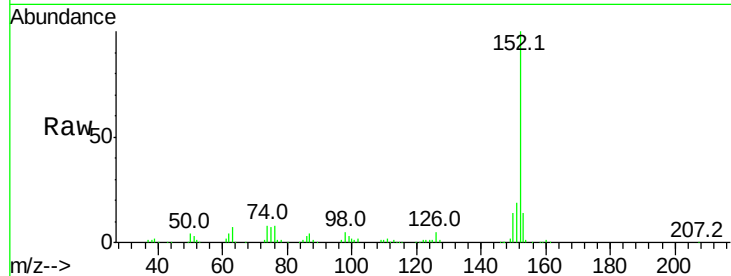
Tot Ion:152 Resp: 430450

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

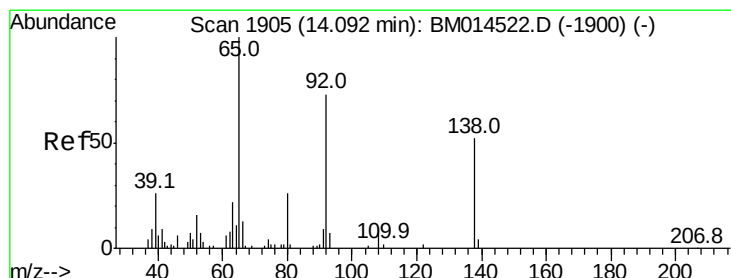
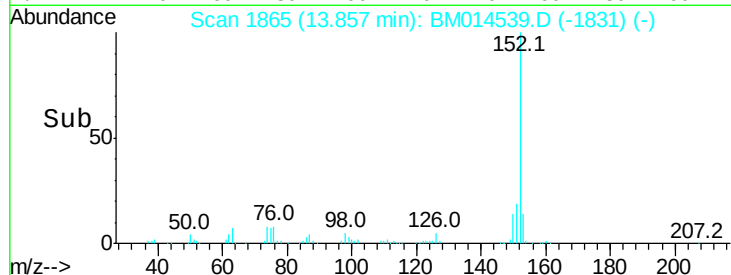
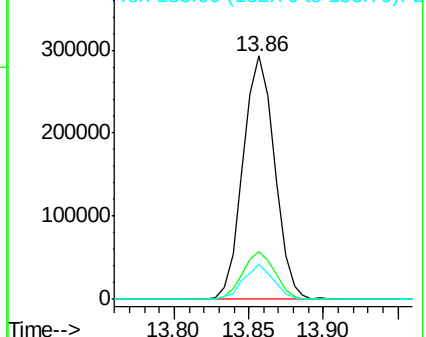
153 14.5 10.2 15.4



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



#48

3-Nitroaniline

Concen: 22.451 ng/ul

RT: 14.10 min Scan# 1906

Delta R.T. 0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

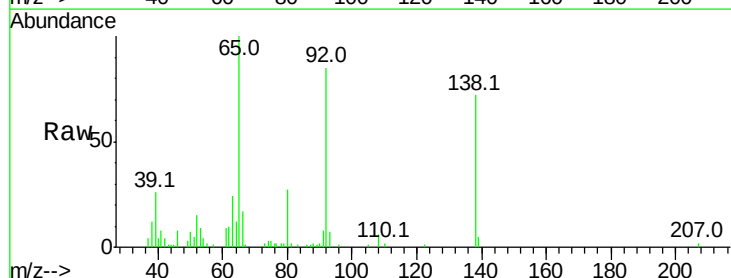
Tgt Ion:138 Resp: 63844

Ion Ratio Lower Upper

138 100

108 8.5 9.9 14.9#

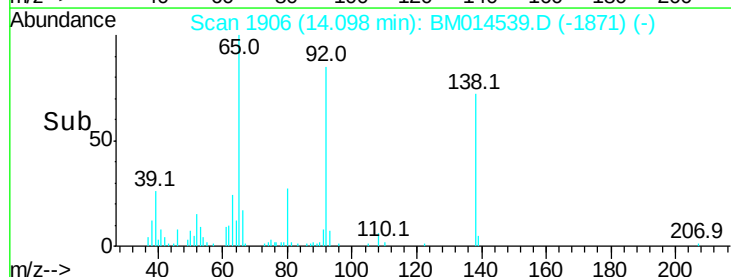
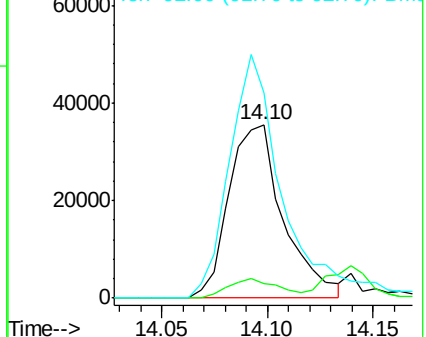
92 118.4 105.0 157.4

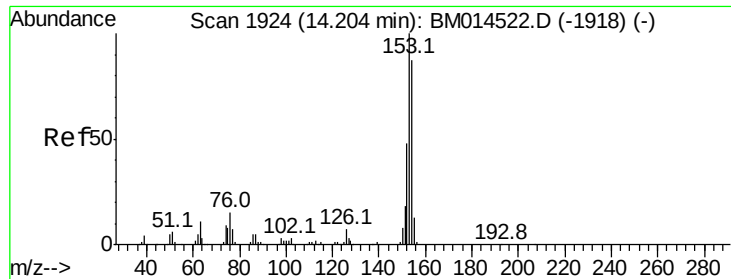


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.462 ng/ul

RT: 14.20 min Scan# 1924

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampled :

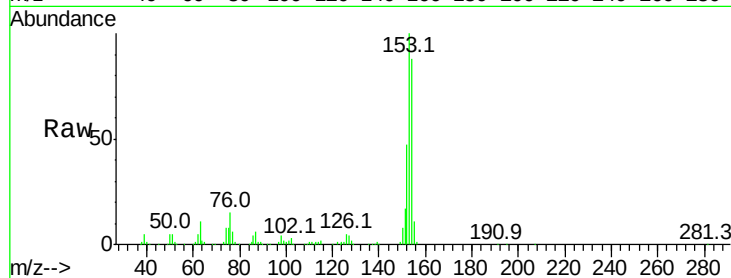
Tot Ion:153 Resp: 300732

Ion Ratio Lower Upper

153 100

152 47.1 37.6 56.4

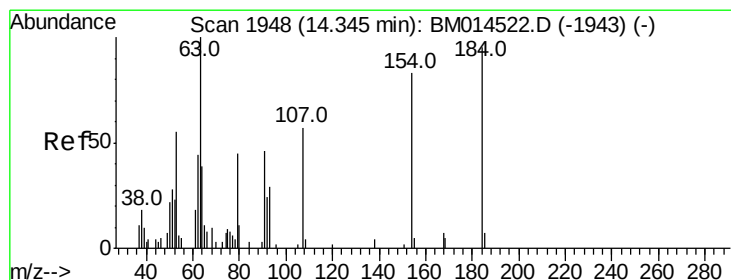
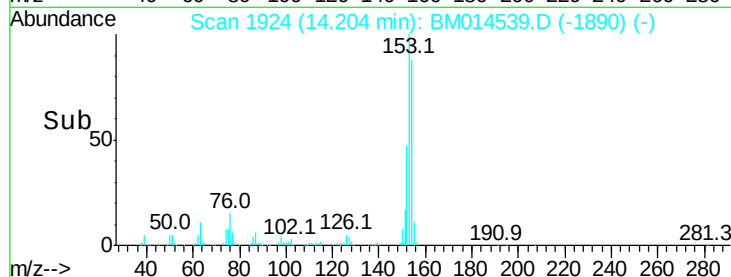
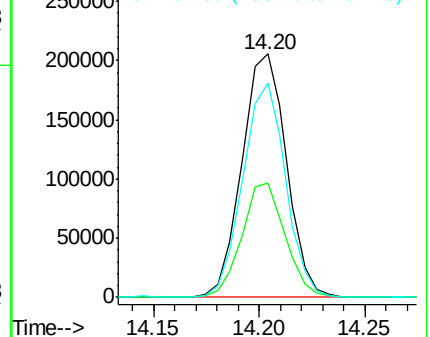
154 87.7 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.523 ng/ul

RT: 14.34 min Scan# 1947

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

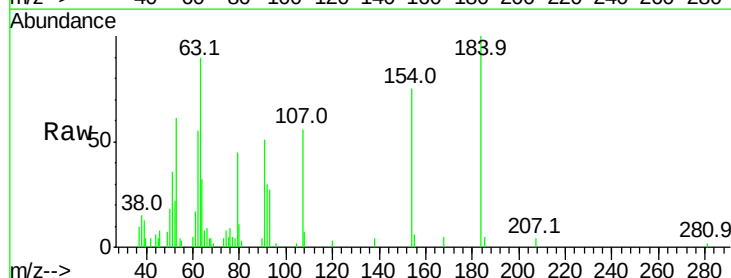
Tgt Ion:184 Resp: 35228

Ion Ratio Lower Upper

184 100

63 89.6 50.1 75.1#

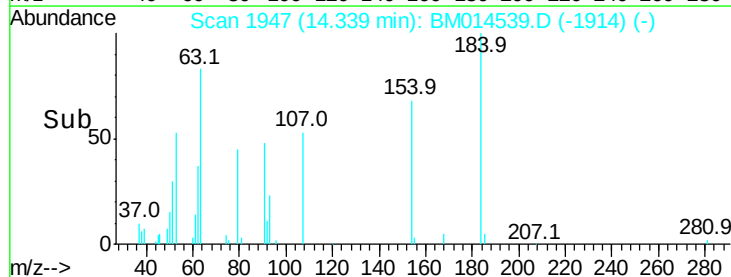
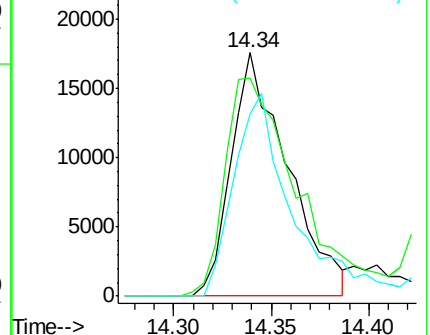
154 74.6 54.5 81.7

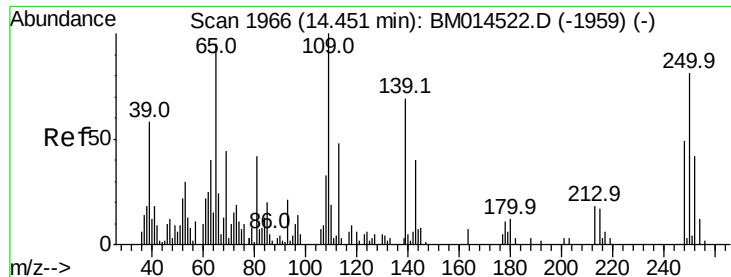


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

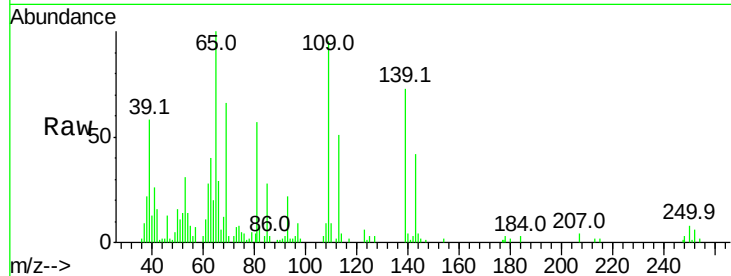




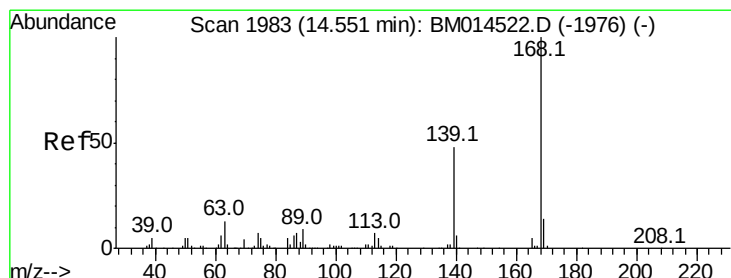
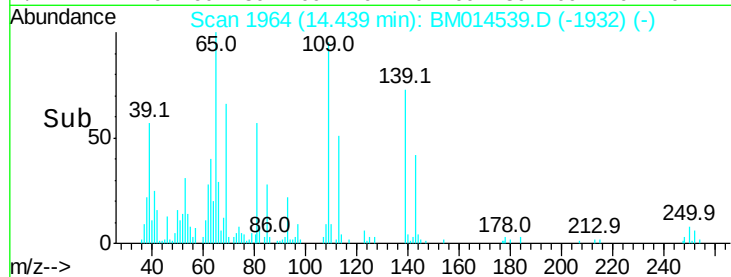
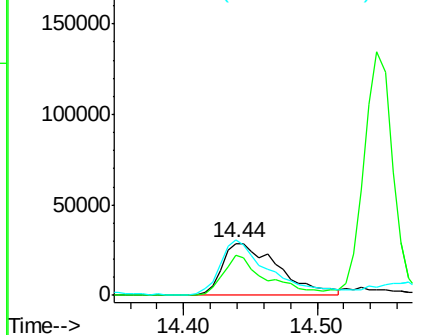
#52
4-Nitrophenol
Concen: 25.870 ng/ul
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:109 Resp: 83861
Ion Ratio Lower Upper
109 100
139 76.7 80.0 120.0#
65 105.8 120.0 180.0#

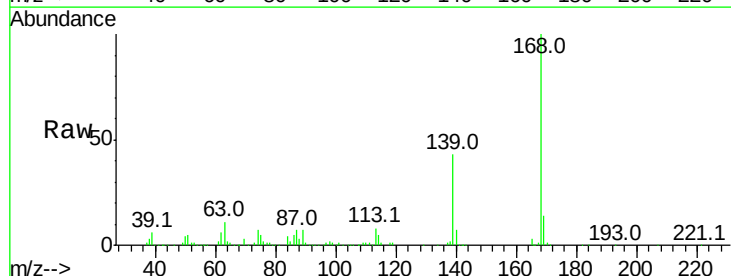


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM

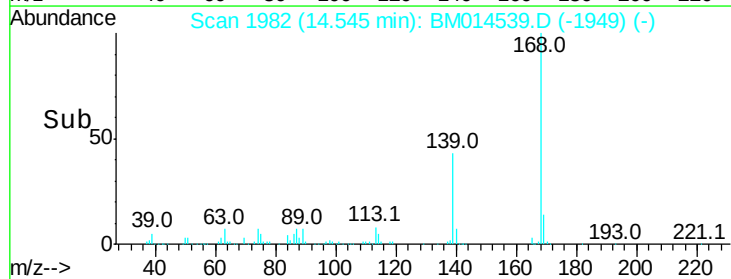
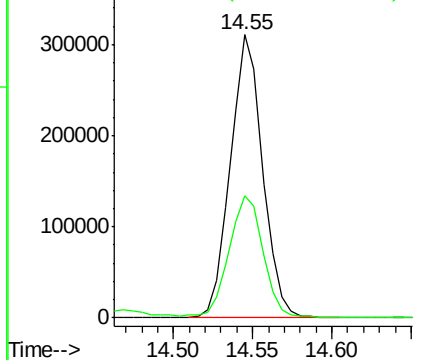


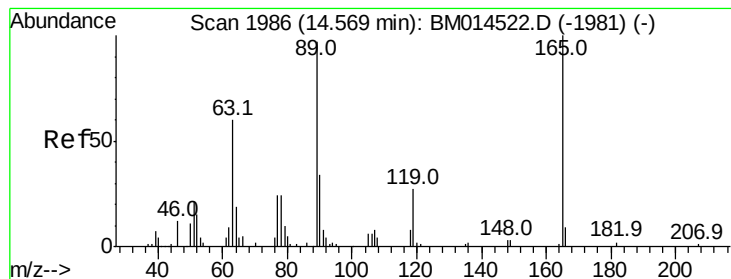
#53
Dibenzofuran
Concen: 19.861 ng/ul
RT: 14.55 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion:168 Resp: 437691
Ion Ratio Lower Upper
168 100
139 43.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 21.649 ng/ul

RT: 14.56 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

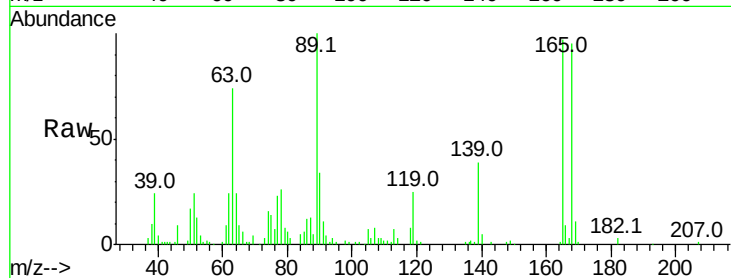
Tot Ion:165 Resp: 116376

Ion Ratio Lower Upper

165 100

63 76.0 45.8 68.8#

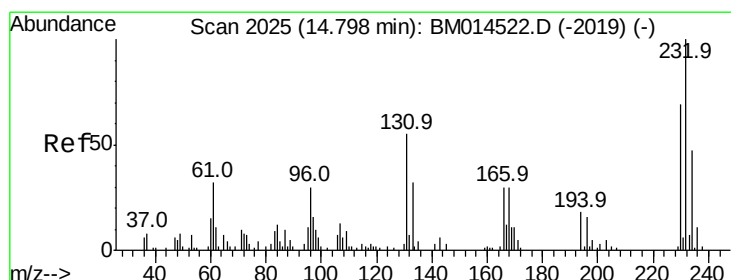
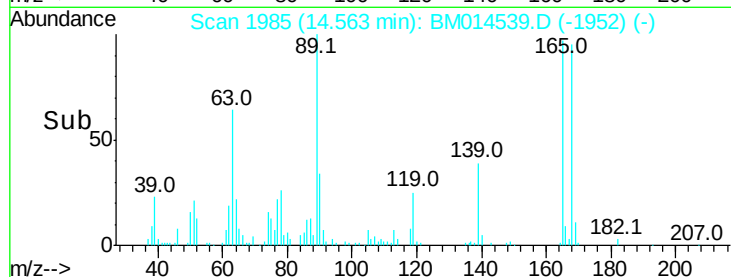
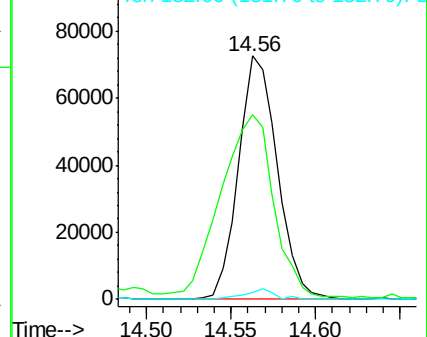
182 2.8 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 19.724 ng/ul

RT: 14.79 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Tgt Ion:232 Resp: 88525

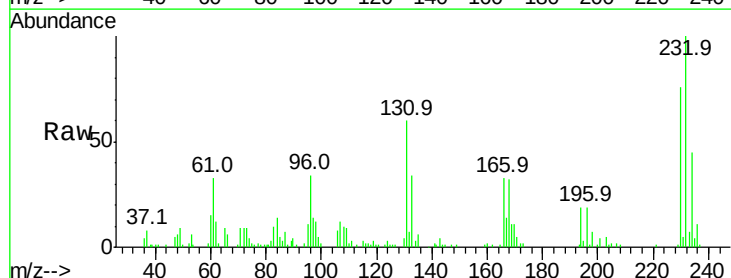
Ion Ratio Lower Upper

232 100

131 59.7 29.0 43.4#

130 4.0 2.0 3.0#

166 32.7 21.4 32.2#

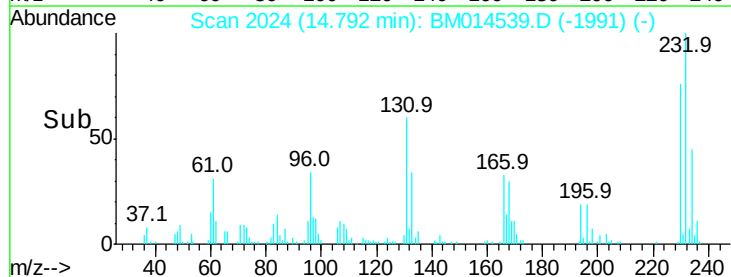
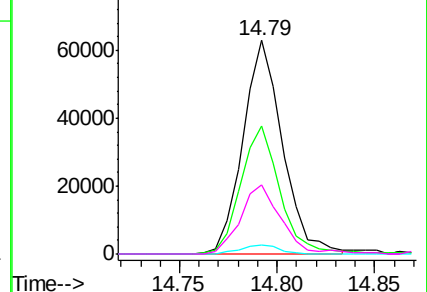


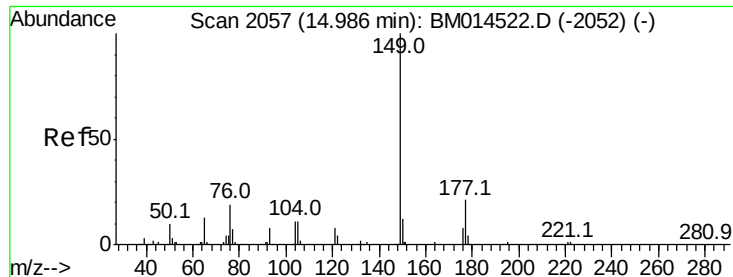
Abundance Ion 232.00 (231.70 to 232.70): E

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

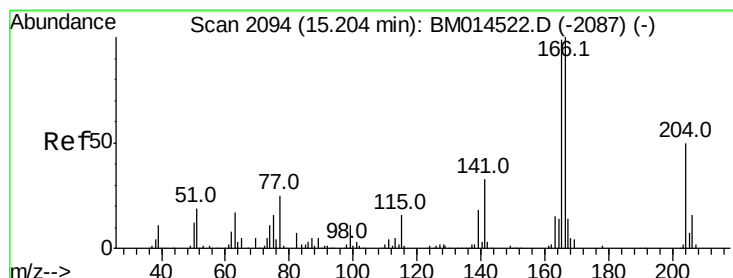
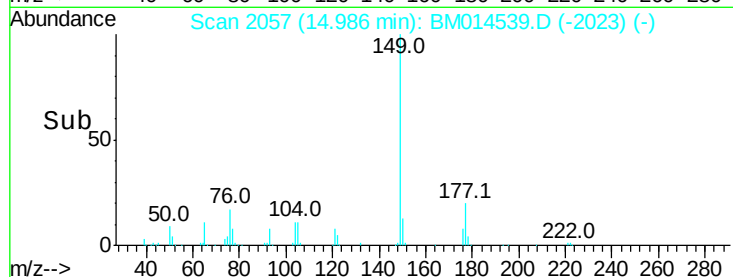
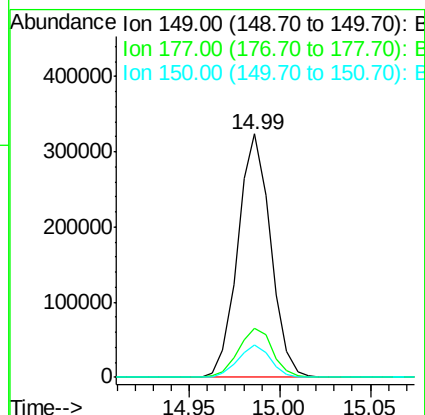
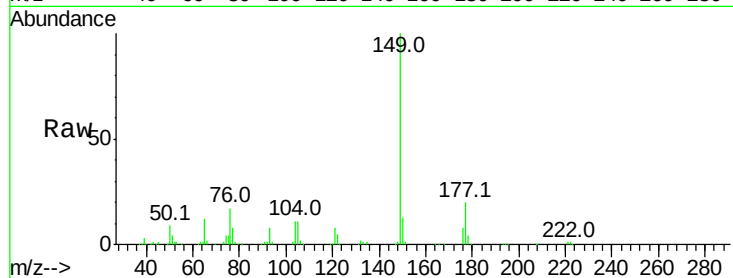




#56
Diethylphthalate
Concen: 20.641 ng/ul
RT: 14.99 min Scan# 2057
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

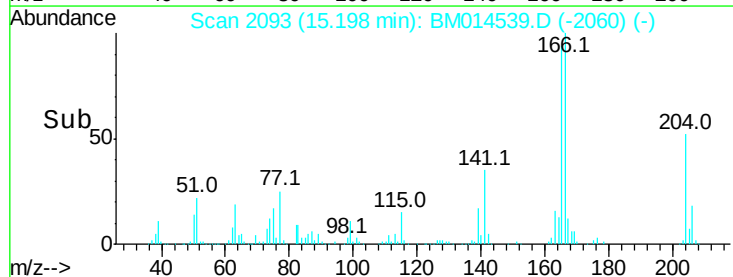
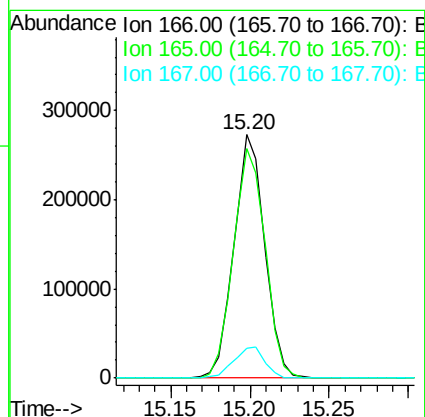
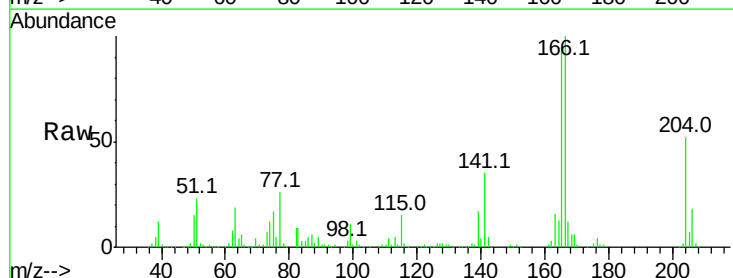
Instrument :
BNA_M
ClientSampleId :

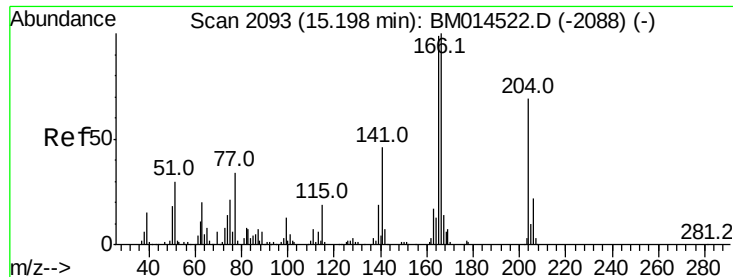
Tot Ion:149 Resp: 406178
Ion Ratio Lower Upper
149 100
177 20.1 20.5 30.7#
150 13.3 10.6 15.8



#58
Fluorene
Concen: 19.300 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion:166 Resp: 367190
Ion Ratio Lower Upper
166 100
165 94.2 77.9 116.9
167 12.2 10.6 16.0

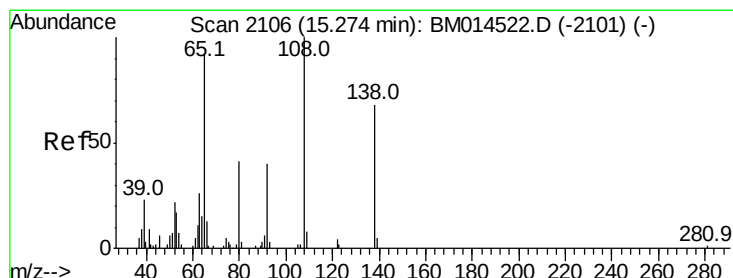
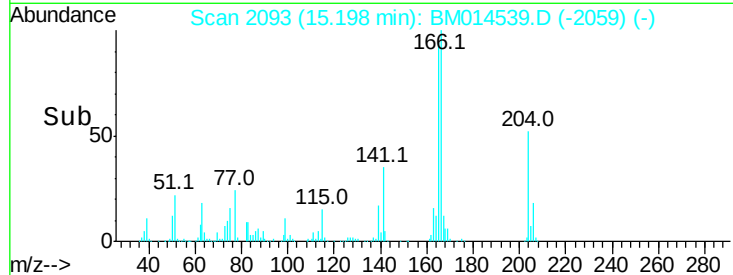
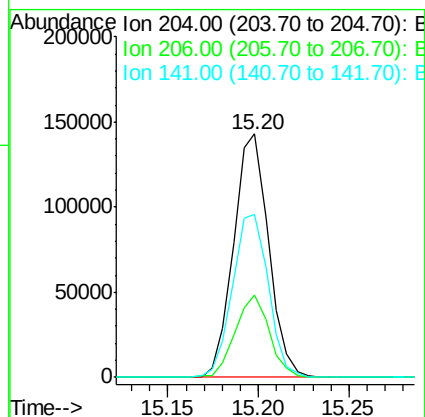
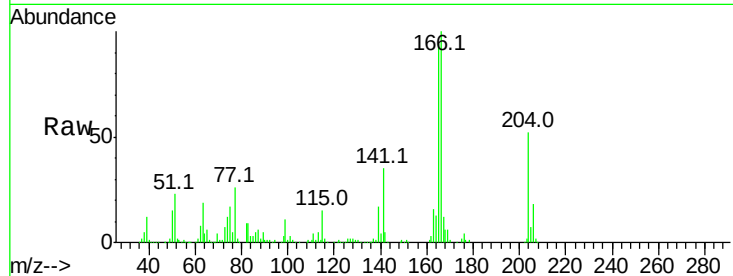




#59
4-Chlorophenyl-phenylether
Concen: 19.296 ng/ul
RT: 15.20 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

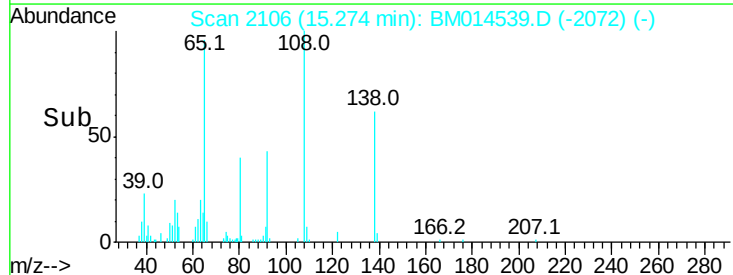
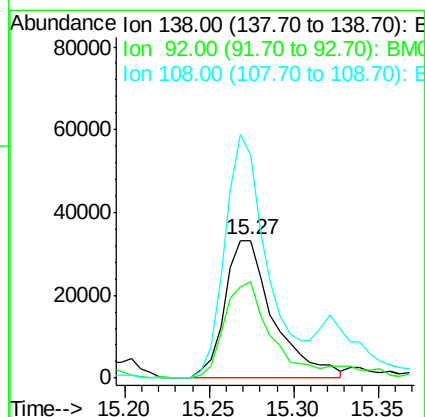
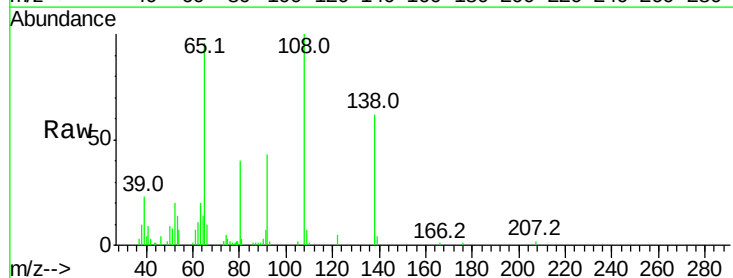
Instrument :
BNA_M
ClientSampled :

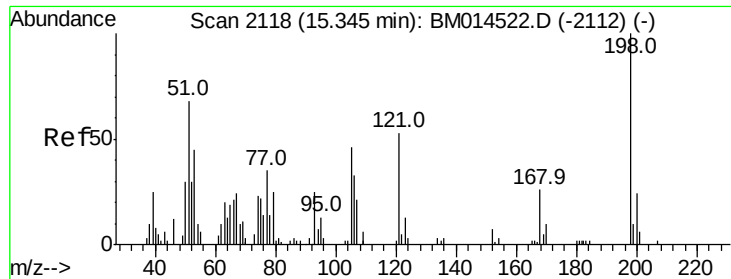
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	24.8	37.2
141	67.0	44.3	66.5#



#60
4-Nitroaniline
Concen: 20.860 ng/ul
RT: 15.27 min Scan# 2106
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion	Ratio	Lower	Upper
138	100		
92	70.4	40.0	60.0#
108	161.9	80.0	120.0#





#63

4,6-Dinitro-2-methylphenol

Concen: 17.336 ng/ul

RT: 15.34 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

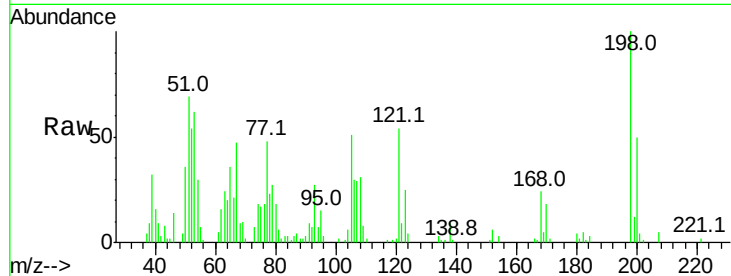
Tot Ion:198 Resp: 57044

Ion Ratio Lower Upper

198 100

182 5.2 3.8 5.6

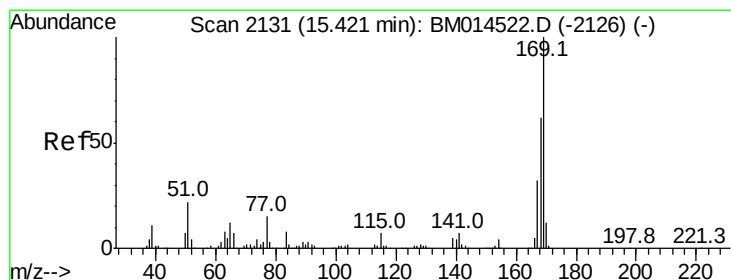
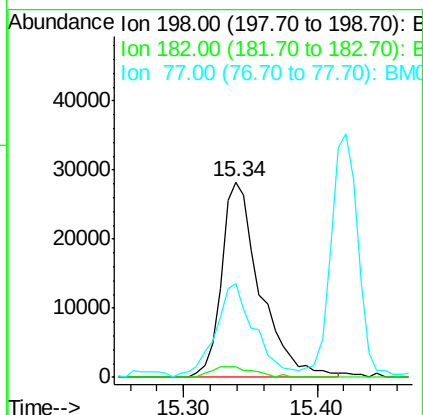
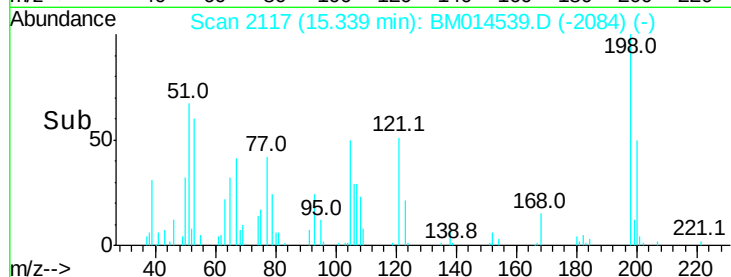
77 47.8 25.2 37.8#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BMO



#64

N-Nitrosodiphenylamine

Concen: 19.948 ng/ul

RT: 15.42 min Scan# 2131

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

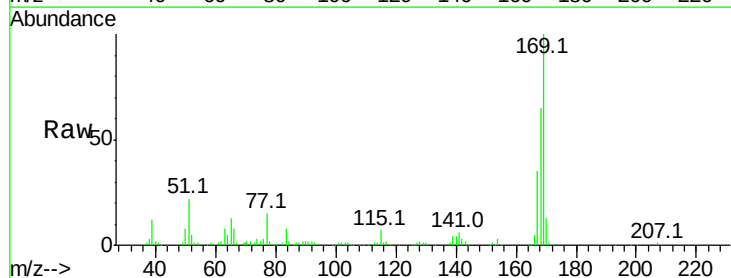
Tgt Ion:169 Resp: 308940

Ion Ratio Lower Upper

169 100

168 64.8 54.0 81.0

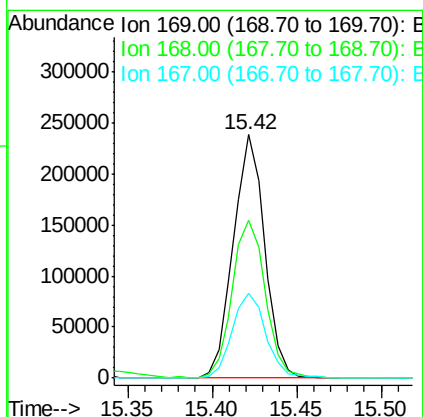
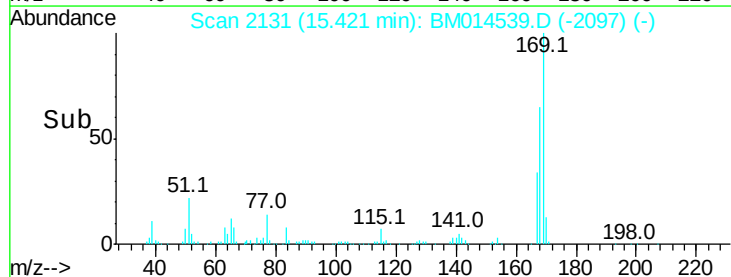
167 34.9 29.1 43.7

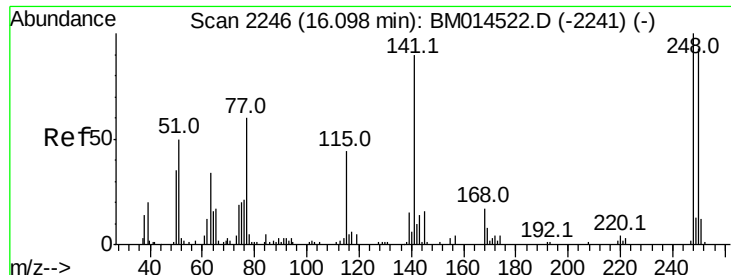


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

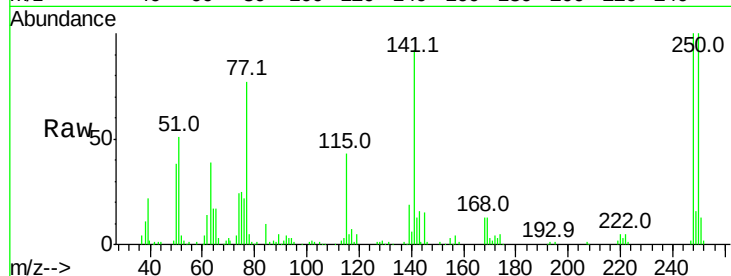




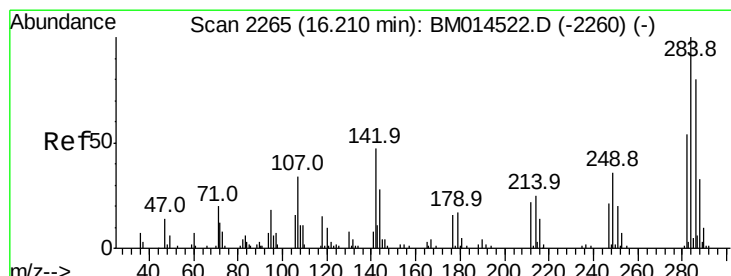
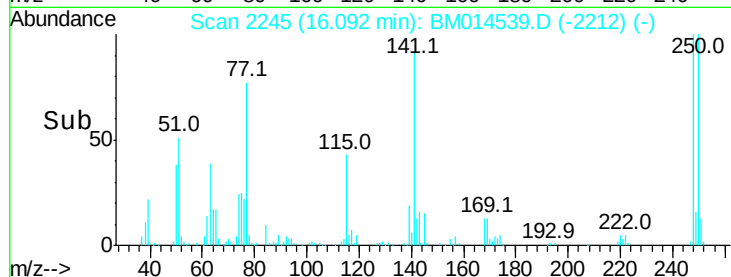
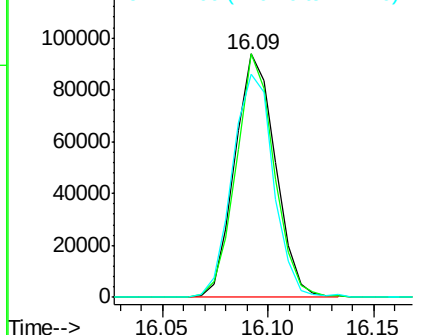
#65
4-Bromophenyl-phenylether
Concen: 20.753 ng/ul
RT: 16.09 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 124799
Ion Ratio Lower Upper
248 100
250 99.9 80.5 120.7
141 91.6 53.6 80.4#

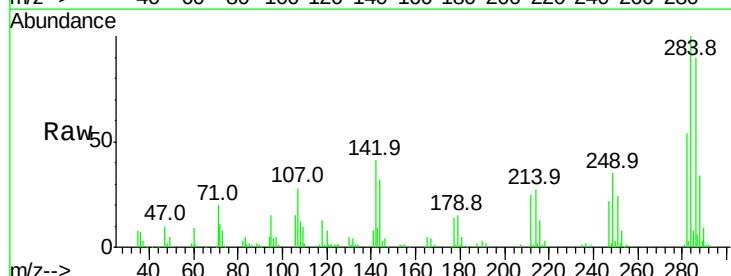


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

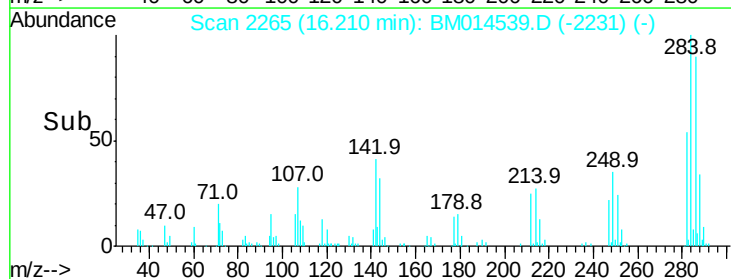
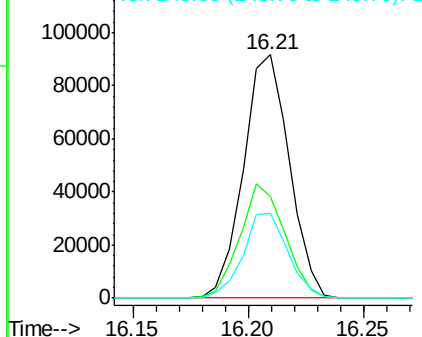


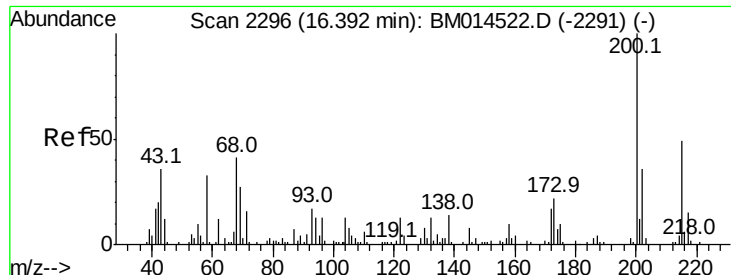
#66
Hexachlorobenzene
Concen: 20.133 ng/ul
RT: 16.21 min Scan# 2265
Delta R.T. -0.00 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion:284 Resp: 127321
Ion Ratio Lower Upper
284 100
142 41.5 21.2 31.8#
249 34.7 24.5 36.7



Abundance Ion 284.00 (283.70 to 284.70): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 21.606 ng/ul

RT: 16.39 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampled :

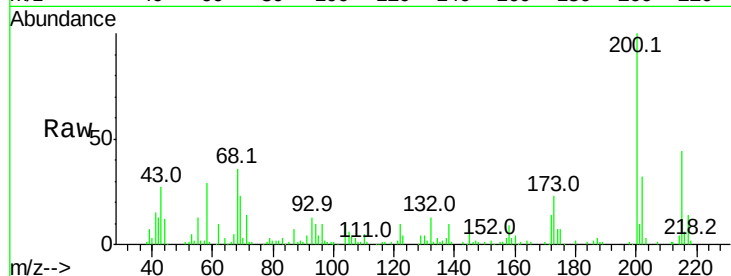
Tot Ion:200 Resp: 132146

Ion Ratio Lower Upper

200 100

173 22.5 18.2 27.2

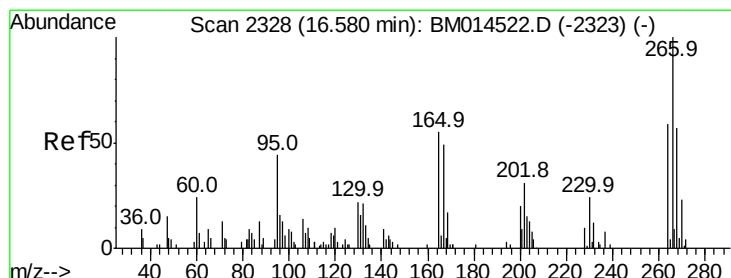
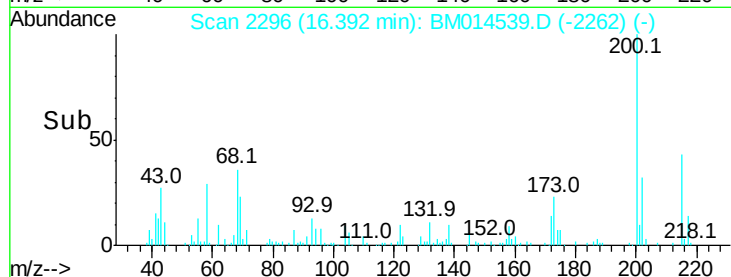
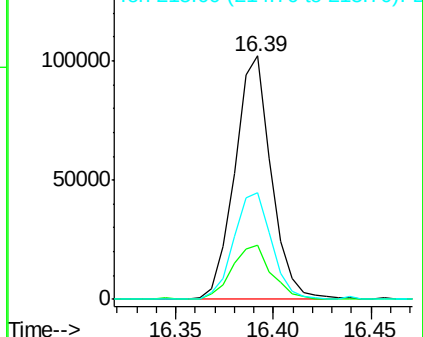
215 43.9 35.0 52.4



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



#68

Pentachlorophenol

Concen: 16.310 ng/ul

RT: 16.57 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

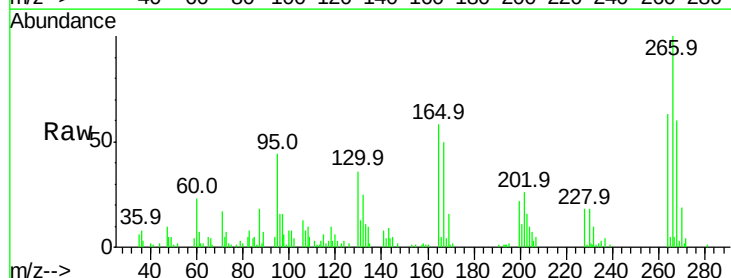
Tgt Ion:266 Resp: 54049

Ion Ratio Lower Upper

266 100

264 63.1 49.3 73.9

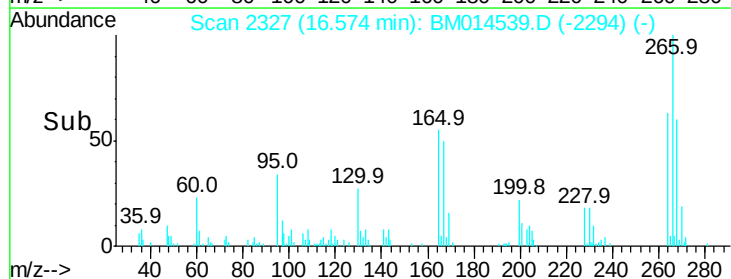
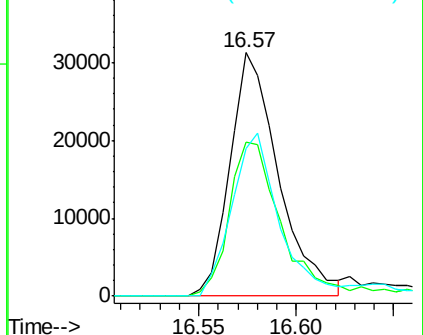
268 60.5 52.6 78.8

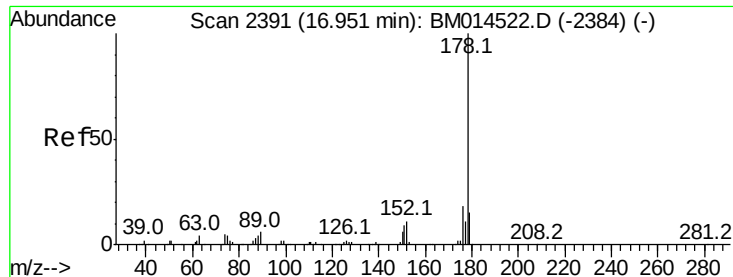


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.513 ng/ul

RT: 16.94 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

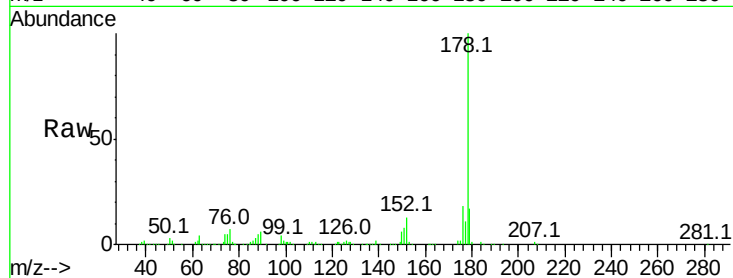
Tot Ion:178 Resp: 605897

Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

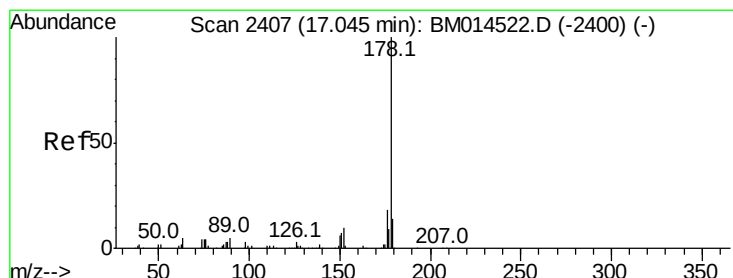
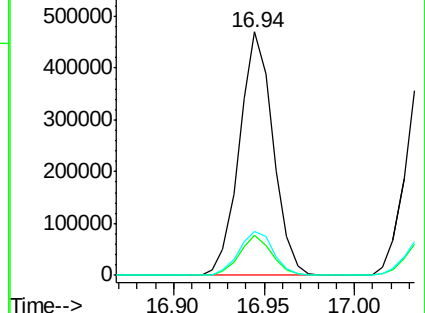
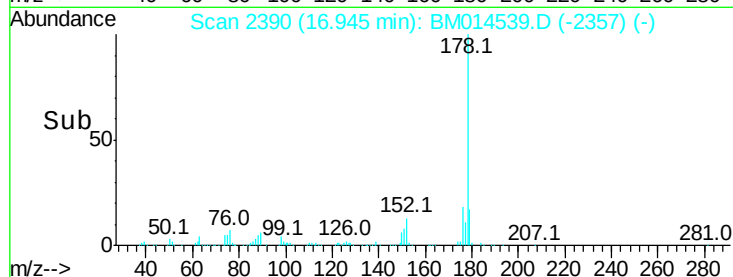
176 18.2 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.868 ng/ul

RT: 17.04 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

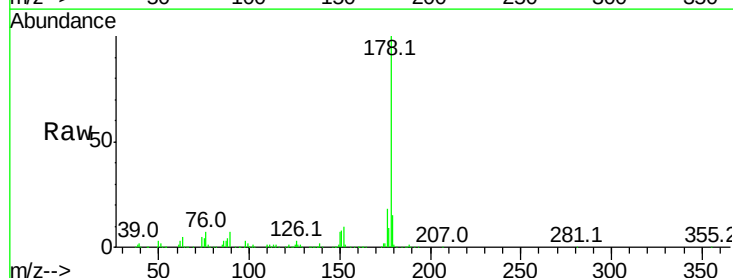
Tgt Ion:178 Resp: 620431

Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

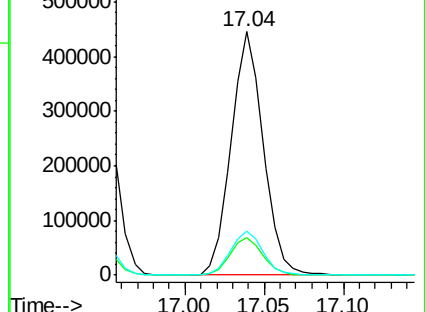
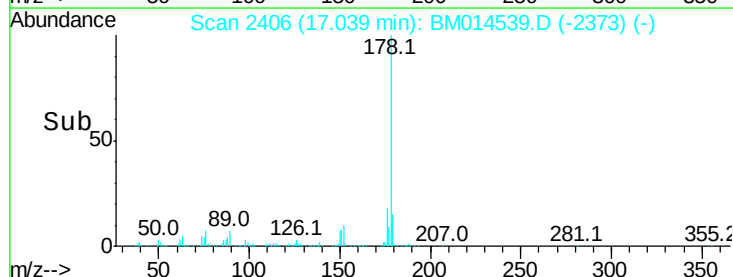
176 18.3 14.6 21.8

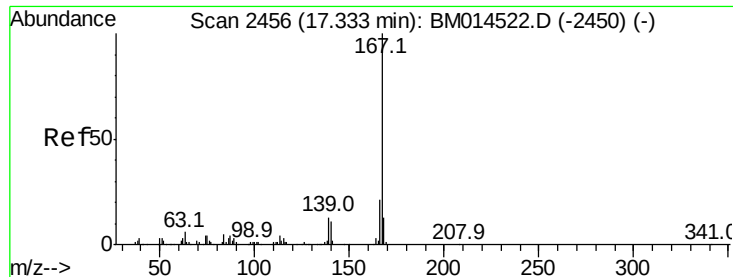


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.807 ng/ul

RT: 17.33 min Scan# 2455

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

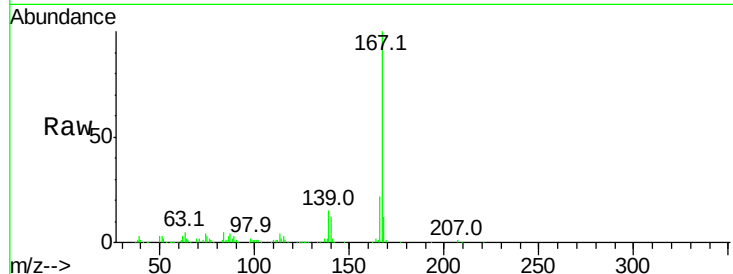
Tot Ion:167 Resp: 520104

Ion Ratio Lower Upper

167 100

166 21.9 17.1 25.7

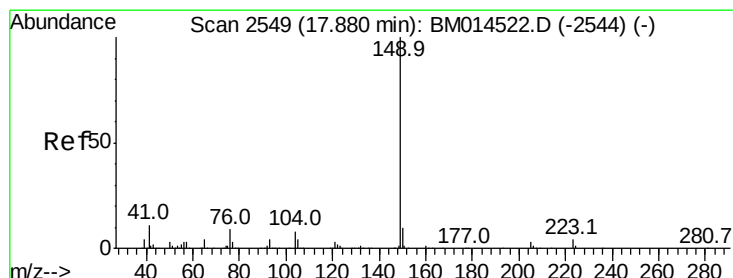
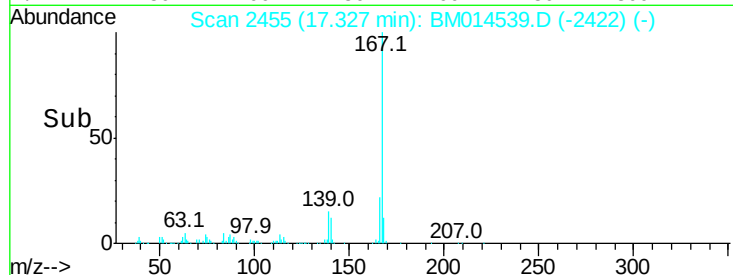
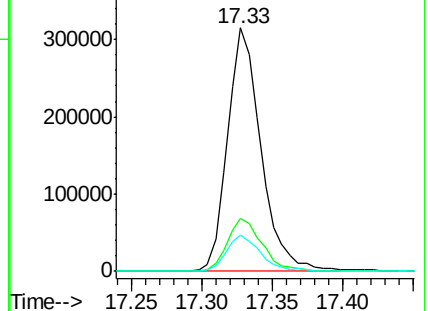
139 14.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.801 ng/ul

RT: 17.88 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

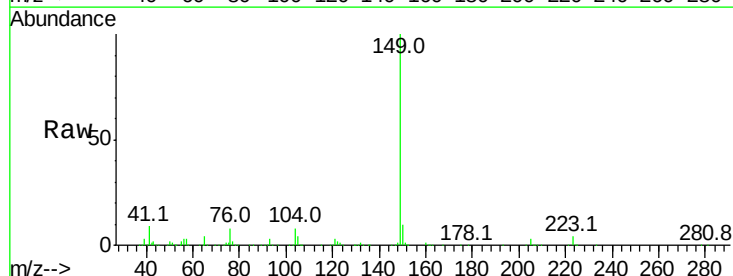
Tgt Ion:149 Resp: 704648

Ion Ratio Lower Upper

149 100

150 9.6 7.1 10.7

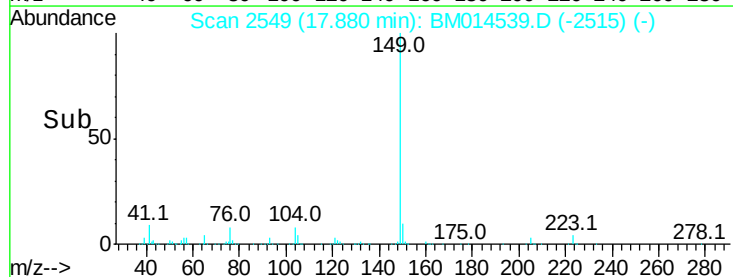
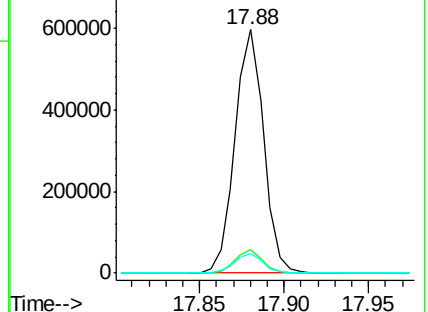
104 7.9 5.6 8.4

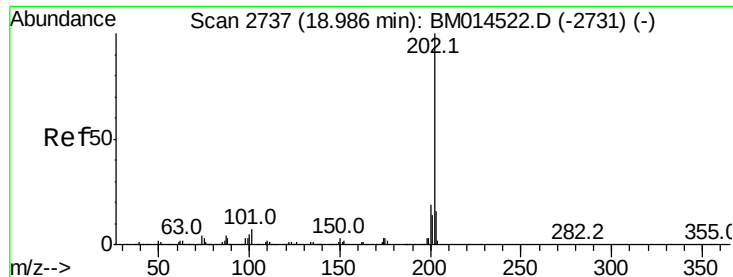


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

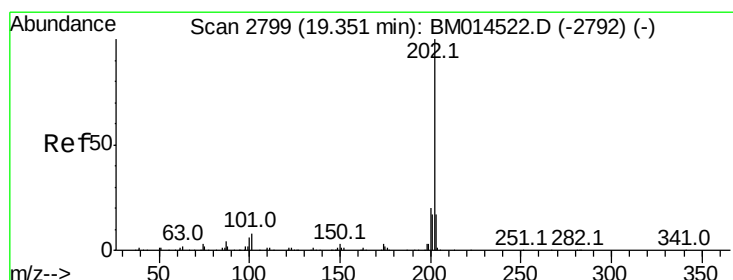
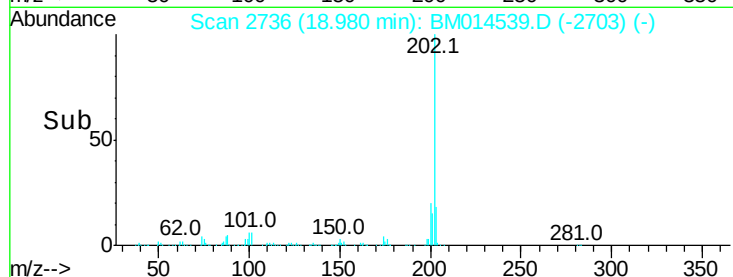
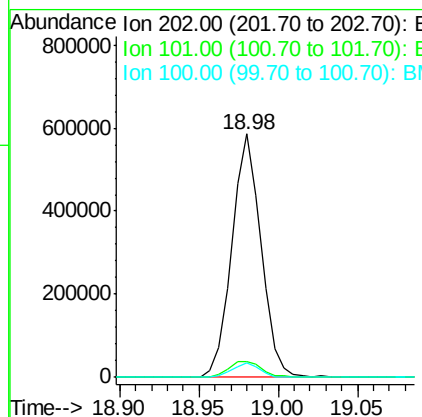
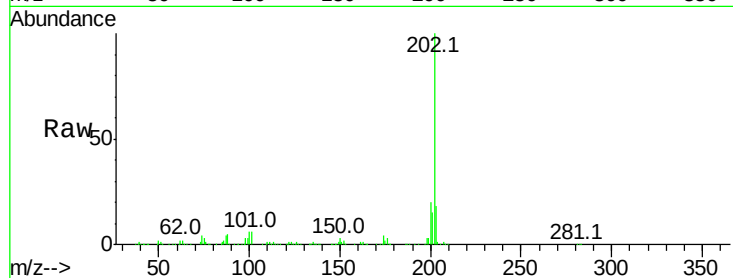




#74
 Fluoranthene
 Concen: 20.142 ng/ul
 RT: 18.98 min Scan# 2736
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

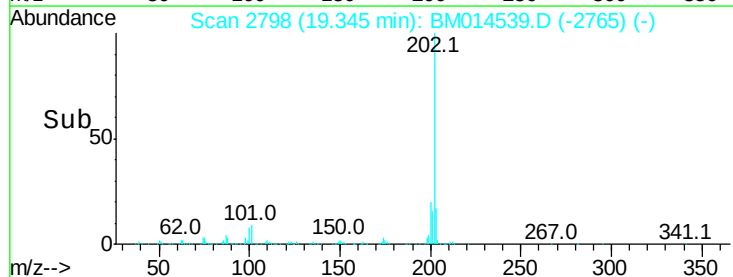
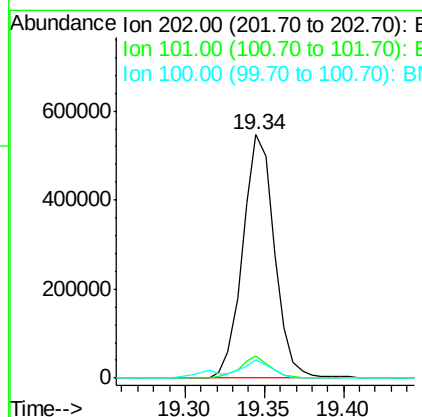
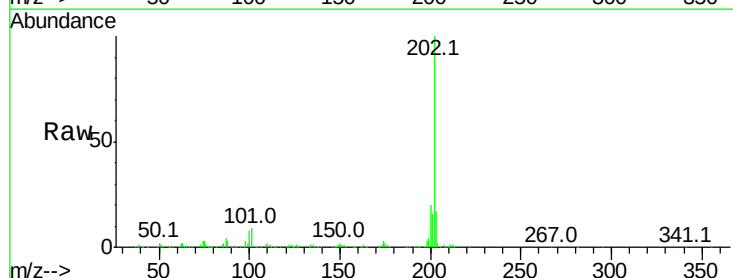
Instrument :
 BNA_M
 ClientSampleId :

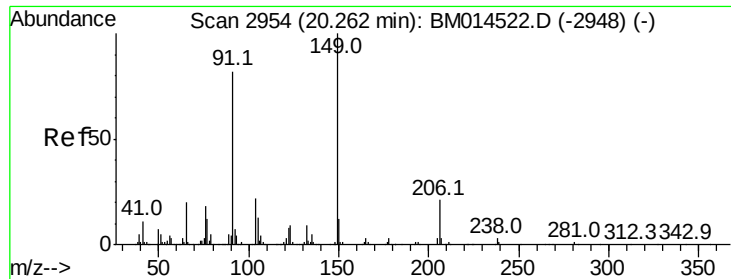
Tot Ion	Ratio	Lower	Upper
202	100		
101	6.5	4.6	7.0
100	5.9	3.4	5.2



#77
 Pyrene
 Concen: 19.287 ng/ul
 RT: 19.34 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7
100	7.5	4.9	7.3

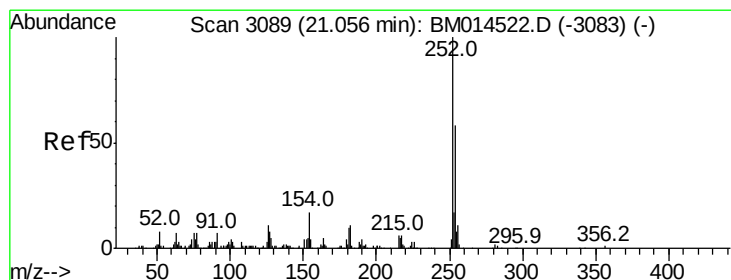
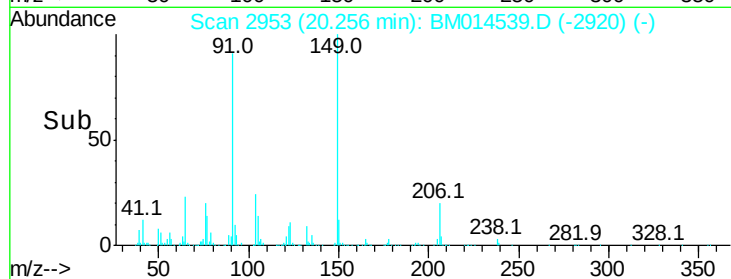
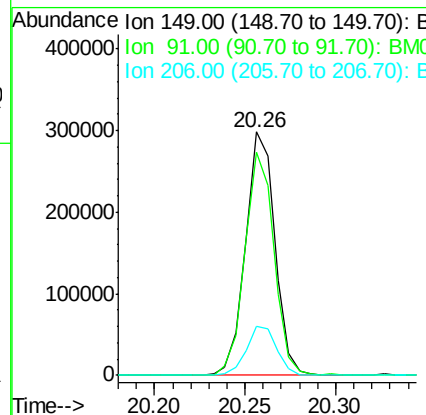
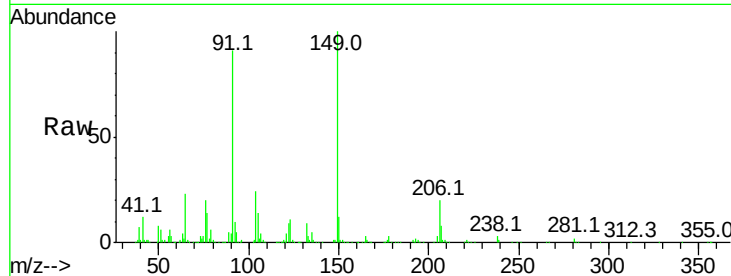




#78
Butylbenzylphthalate
Concen: 20.668 ng/ul
RT: 20.26 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

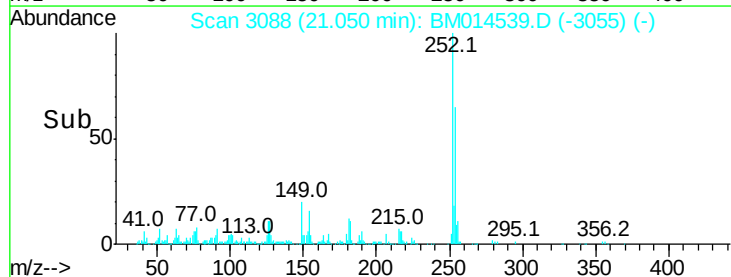
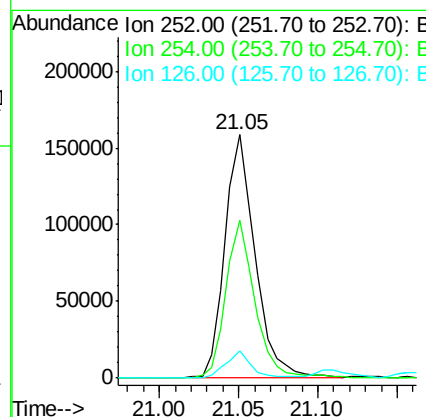
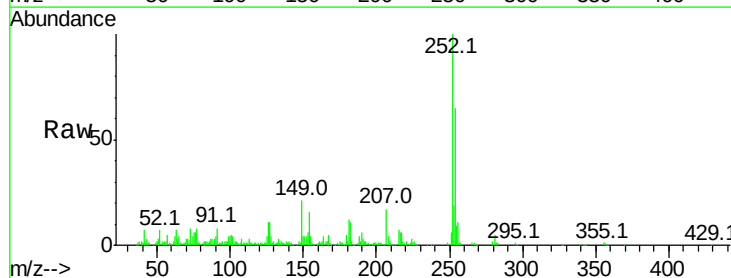
Instrument :
BNA_M
ClientSampleId :

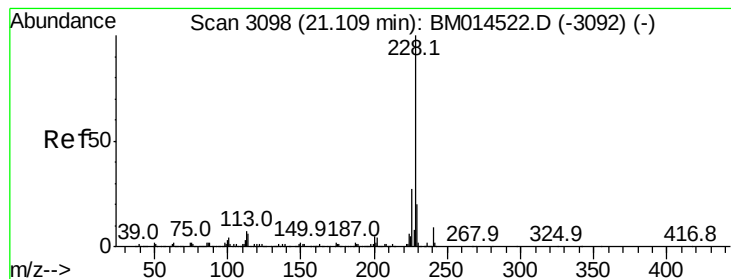
Tot Ion	Ratio	Lower	Upper
149	100		
91	91.4	62.7	94.1
206	20.3	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 19.929 ng/ul
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BM014539.D
Acq: 13 Mar 2018 04:12

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	54.5	81.7
126	11.0	5.8	8.8





#80

Benzo(a)anthracene

Concen: 20.164 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

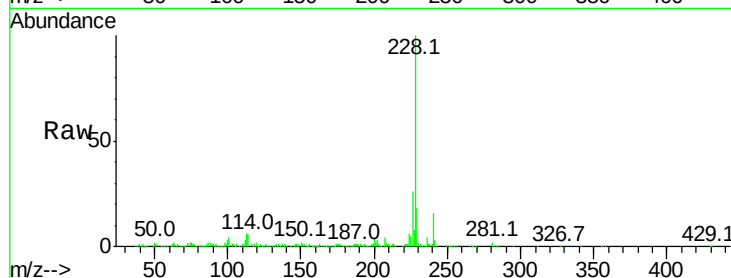
Tot Ion:228 Resp: 745005

Ion	Ratio	Lower	Upper
228	100		
229	18.0	15.4	23.0
226	25.7	21.4	32.0

228 100

229 18.0 15.4 23.0

226 25.7 21.4 32.0

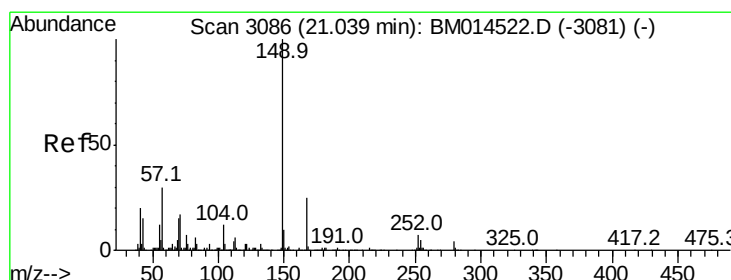
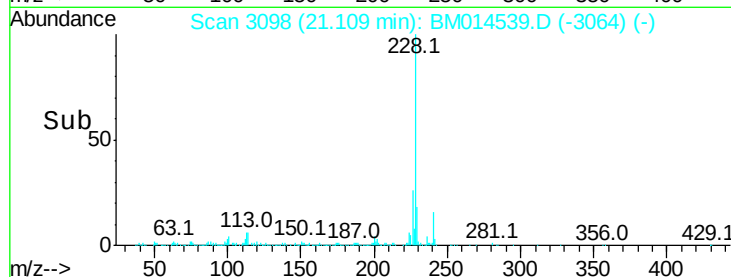
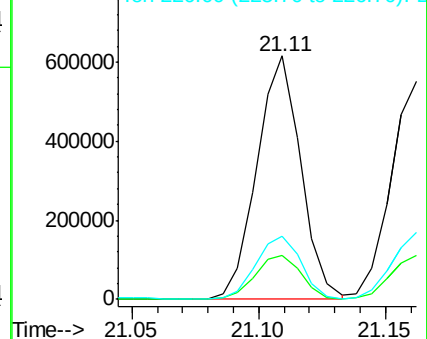


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.077 ng/ul

RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

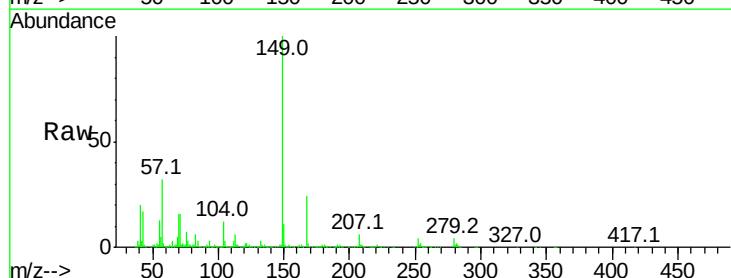
Tgt Ion:149 Resp: 467731

Ion	Ratio	Lower	Upper
149	100		
167	23.6	22.8	34.2
279	4.2	4.9	7.3#

149 100

167 23.6 22.8 34.2

279 4.2 4.9 7.3#

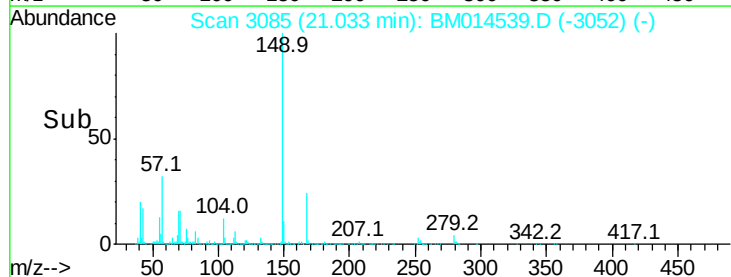
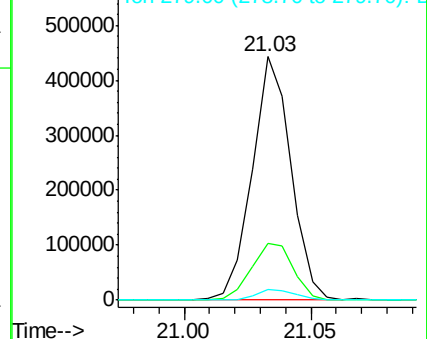


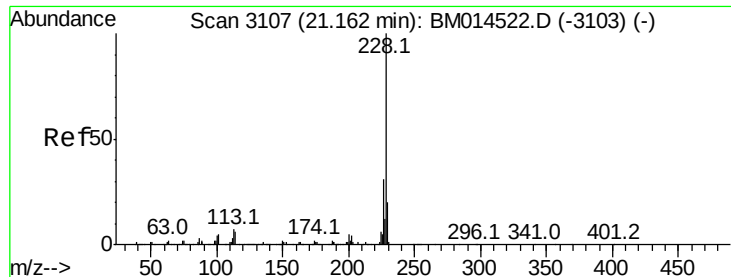
Abundance

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





#82

Chrysene

Concen: 19.681 ng/ul

RT: 21.16 min Scan# 3107

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

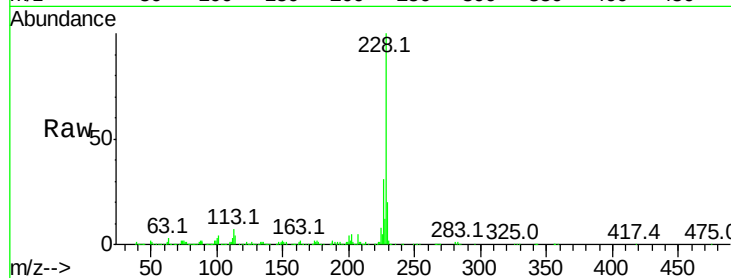
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 678325

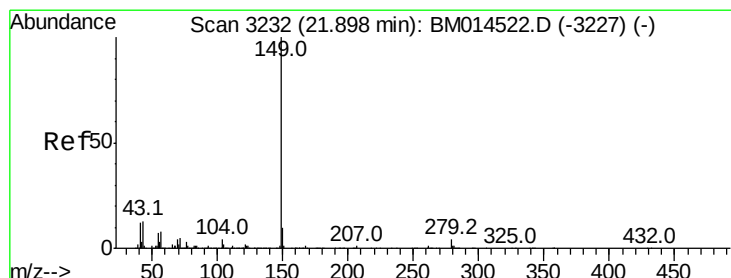
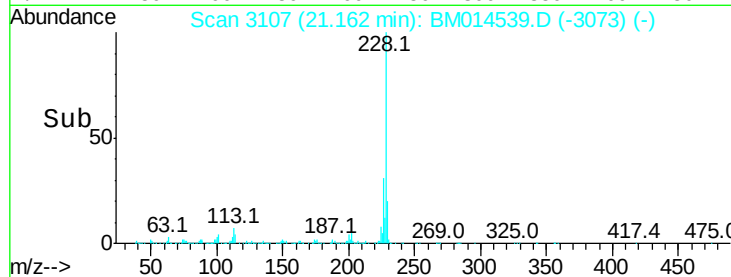
Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.2
229	20.2	15.5	23.3



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

Di-n-octyl phthalate

Concen: 16.543 ng/ul

RT: 21.89 min Scan# 3231

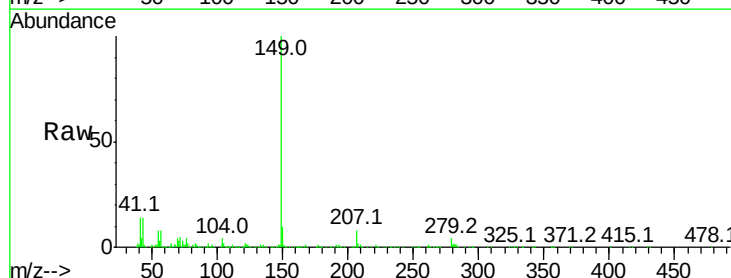
Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Tgt Ion:149 Resp: 749547

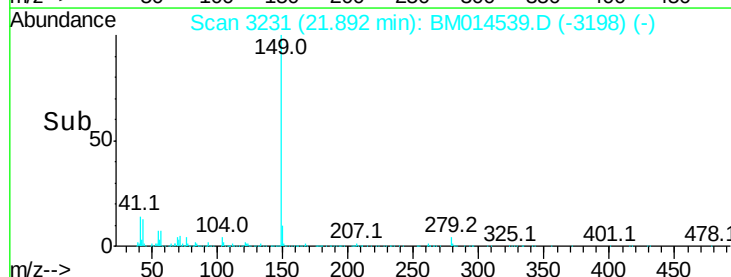
Ion	Ratio	Lower	Upper
149	100		
167	1.3	1.3	1.9#
43	13.7	7.3	10.9#

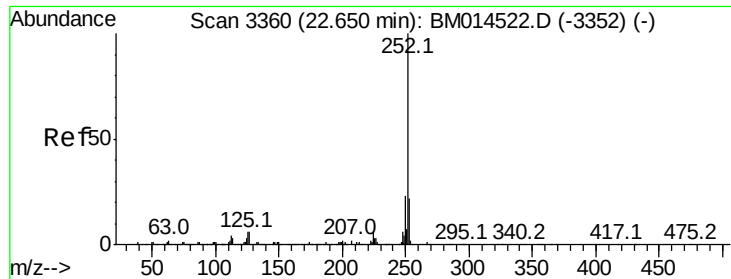


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 19.369 ng/ul

RT: 22.64 min Scan# 3359

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampled :

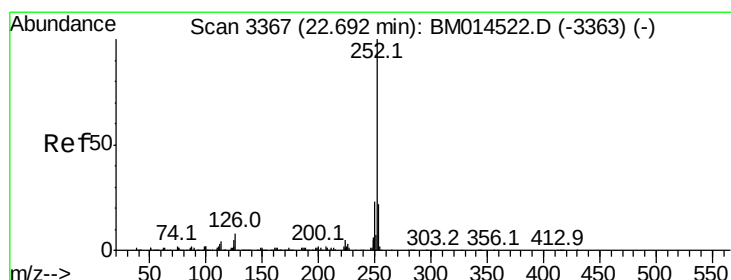
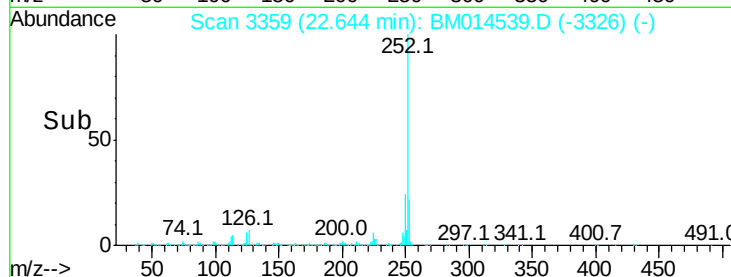
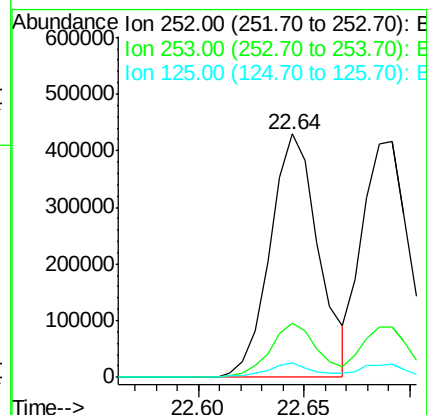
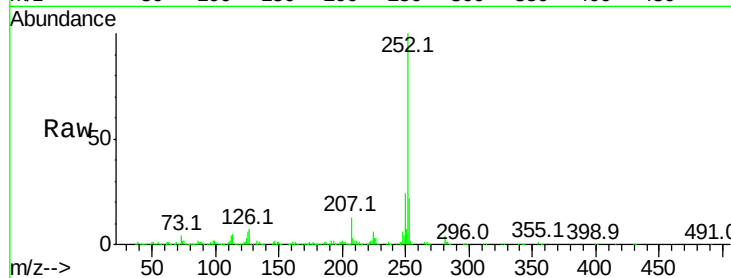
Tot Ion:252 Resp: 684779

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 5.9 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.195 ng/ul

RT: 22.69 min Scan# 3367

Delta R.T. -0.00 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

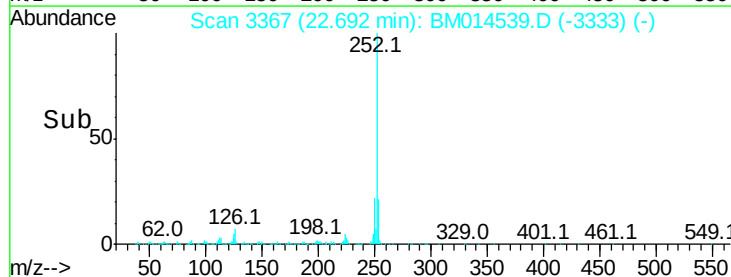
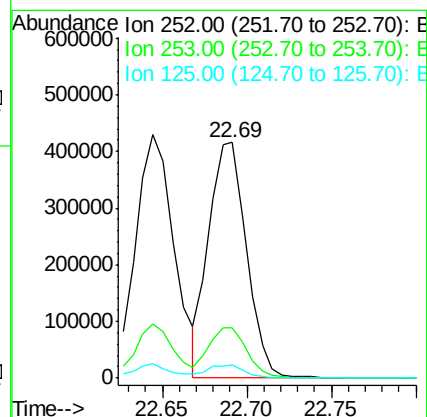
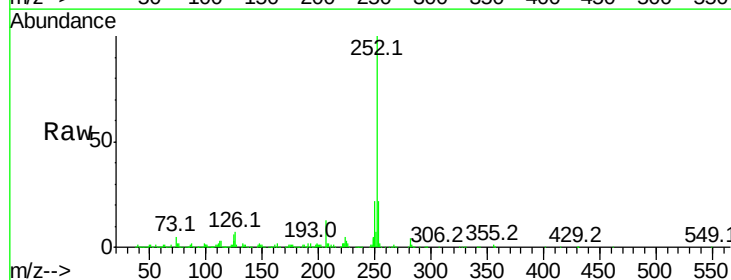
Tgt Ion:252 Resp: 645233

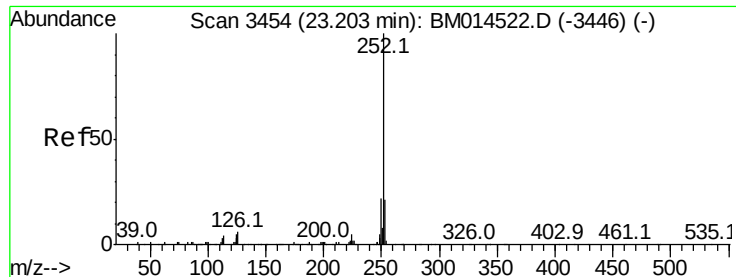
Ion Ratio Lower Upper

252 100

253 21.5 17.1 25.7

125 5.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 19.849 ng/ul

RT: 23.20 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

Instrument :

BNA_M

ClientSampleId :

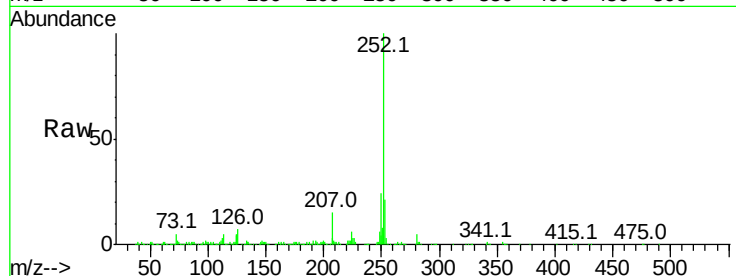
Tot Ion:252 Resp: 627095

Ion Ratio Lower Upper

252 100

253 20.8 18.2 27.2

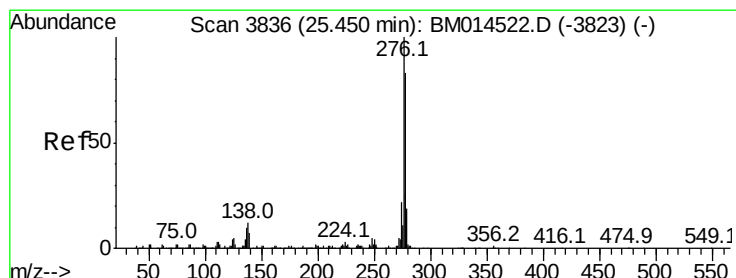
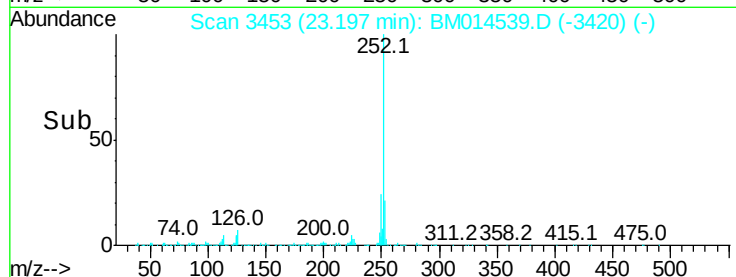
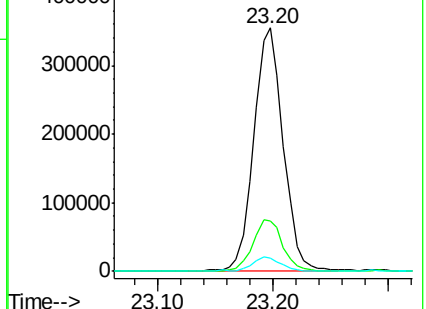
125 5.2 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.980 ng/ul

RT: 25.44 min Scan# 3835

Delta R.T. -0.01 min

Lab File: BM014539.D

Acq: 13 Mar 2018 04:12

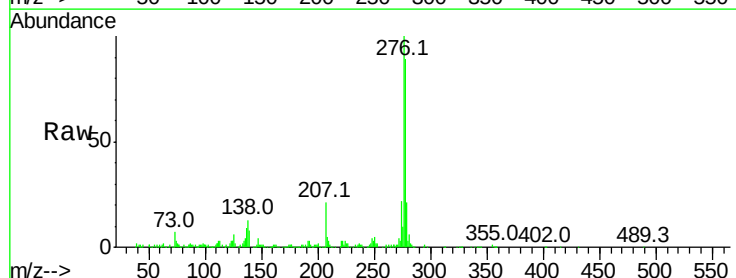
Tgt Ion:276 Resp: 643186

Ion Ratio Lower Upper

276 100

138 13.1 9.3 13.9

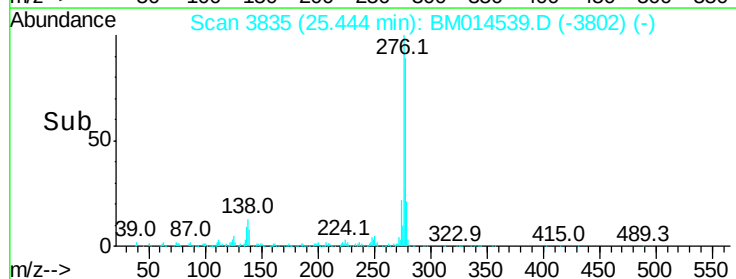
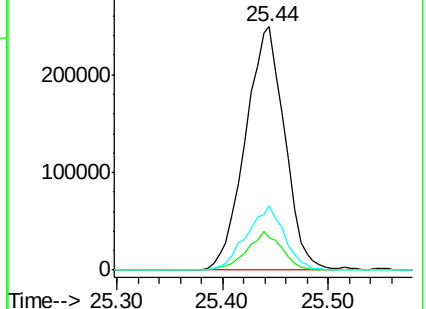
277 26.7 19.9 29.9

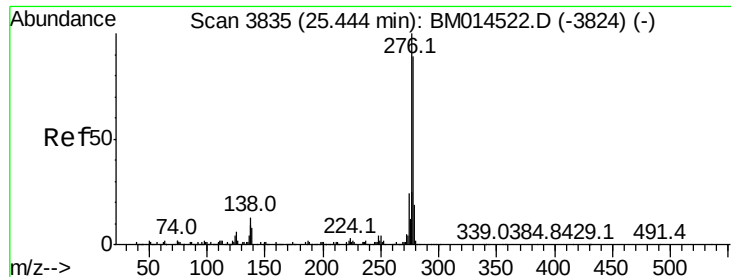


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



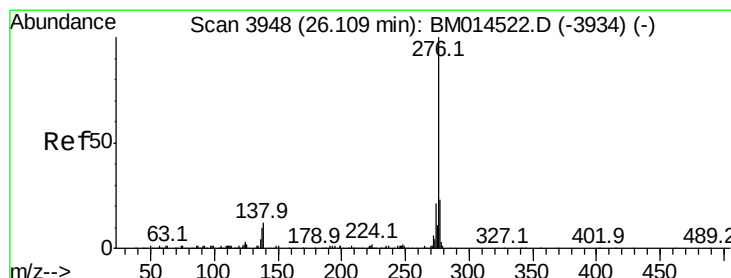
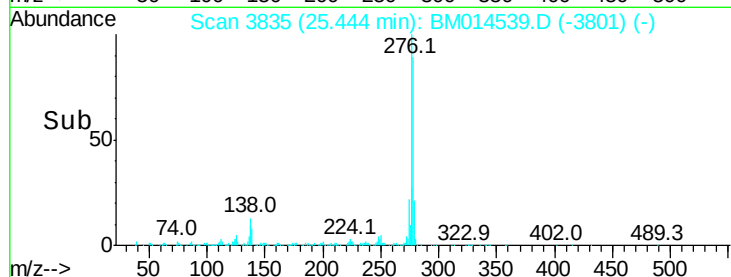
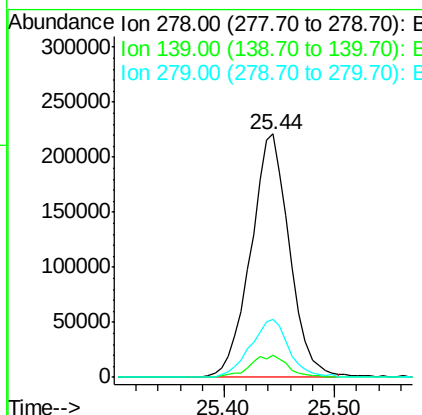
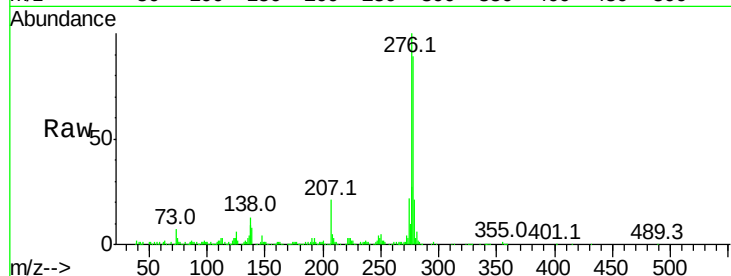


#90

Dibenzo(a,h)anthracene
 Concen: 21.370 ng/ul
 RT: 25.44 min Scan# 3835
 Delta R.T. -0.00 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.9	5.8	8.8#
279	23.7	18.6	27.8



#91

Benzo(g,h,i)perylene
 Concen: 20.631 ng/ul
 RT: 26.10 min Scan# 3946
 Delta R.T. -0.01 min
 Lab File: BM014539.D
 Acq: 13 Mar 2018 04:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.0	8.5	12.7
277	20.8	18.6	28.0

