

Data Path : U:\HPCHEM1\BNA M\DATA\BM012218\
 Data File : BM013685.D
 Acq On : 22 Jan 2018 09:36
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 22 14:25:00 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 22 02:14:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	150329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	636502	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	400899	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	953461	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	932248	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	759003	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	23938	6.29	ng/uL	0.00
5) Phenol-d5	6.79	99	233531	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	136307	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	193907	20.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	193916	21.86	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	100288	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	107697	20.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	213186	21.15	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	219651	25.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	674352	20.41	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	846195	20.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	94941	17.68	ng/ul	0.00
57) Fluorene-d10	15.26	176	596655	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	105478	18.38	ng/ul	0.00
70) Anthracene-d10	17.12	188	959176	20.65	ng/ul	0.00
76) Pyrene-d10	19.42	212	1036120	23.87	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	726613	20.83	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.19	88	24475	5.874	ng/uL# 69
4) Benzaldehyde	6.77	77	171238	21.441	ng/ul 91
6) Phenol	6.82	94	236704	20.449	ng/ul# 88
8) Bis(2-Chloroethyl)ether	7.05	93	183233	20.229	ng/ul 98
10) 2-Chlorophenol	7.18	128	192157	20.503	ng/ul 94
11) 2-Methylphenol	8.06	108	182716	21.414	ng/ul 96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	184216	19.988	ng/ul# 81
14) Acetophenone	8.43	105	313961	21.385	ng/ul 92
15) N-Nitroso-di-n-propylamine	8.42	70	155236	21.673	ng/ul# 72
16) 4-Methylphenol	8.39	108	201587	22.095	ng/ul 97
17) Hexachloroethane	8.67	117	86639	18.991	ng/ul# 75
20) Nitrobenzene	8.81	77	240266	18.832	ng/ul 97
21) Isophorone	9.33	82	410389	19.908	ng/ul 94
23) 2-Nitrophenol	9.52	139	110487	20.314	ng/ul# 89
24) 2,4-Dimethylphenol	9.58	107	233976	20.405	ng/ul 91
25) Bis(2-Chloroethoxy)methane	9.82	93	249768	19.874	ng/ul 95
27) 2,4-Dichlorophenol	10.05	162	201725	20.762	ng/ul 93
28) Naphthalene	10.44	128	651793	20.583	ng/ul 96
30) 4-Chloroaniline	10.56	127	226989	26.171	ng/ul 94
31) Hexachlorobutadiene	10.72	225	155499	19.497	ng/ul 98
32) Caprolactam	11.34	113	39400	14.577	ng/ul# 32
33) 4-Chloro-3-methylphenol	11.69	107	210994	21.422	ng/ul 99
34) 2-Methylnaphthalene	12.06	142	504351	21.363	ng/ul 97

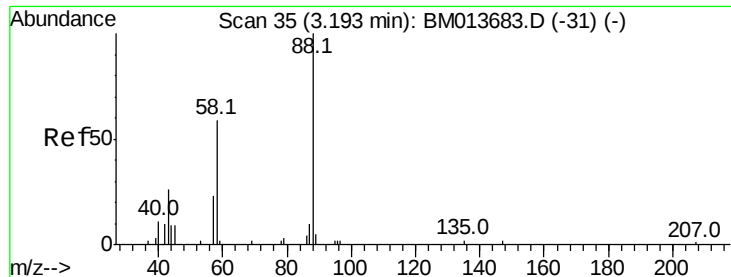
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.43	216	288044	19.391	ng/ul#	93
37) Hexachlorocyclopentadiene	12.41	237	96467	15.642	ng/ul#	91
38) 2,4,6-Trichlorophenol	12.69	196	182916	21.273	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	184058	20.572	ng/ul	99
40) 1,1'-Biphenyl	13.09	154	665299	19.937	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	531971	20.393	ng/ul	98
42) 2-Nitroaniline	13.34	65	147775	20.536	ng/ul	96
44) Dimethylphthalate	13.73	163	653852	20.127	ng/ul	97
45) 2,6-Dinitrotoluene	13.85	165	135426	21.512	ng/ul	99
47) Acenaphthylene	13.98	152	773988	20.077	ng/ul	100
48) 3-Nitroaniline	14.19	138	109132	22.042	ng/ul	93
49) Acenaphthene	14.33	153	536092	20.079	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	56310	15.603	ng/ul#	82
52) 4-Nitrophenol	14.50	109	99523	18.245	ng/ul#	83
53) Dibenzofuran	14.66	168	804900	20.039	ng/ul	98
54) 2,4-Dinitrotoluene	14.65	165	195341	21.286	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.90	232	180817	21.486	ng/ul	97
56) Diethylphthalate	15.10	149	663911	20.307	ng/ul	96
58) Fluorene	15.32	166	673751	20.477	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.32	204	361361	20.326	ng/ul	98
60) 4-Nitroaniline	15.35	138	118845	20.515	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.42	198	110499	18.241	ng/ul	94
64) N-Nitrosodiphenylamine	15.53	169	565722	20.174	ng/ul	96
65) 4-Bromophenyl-phenylether	16.21	248	227622	20.213	ng/ul	94
66) Hexachlorobenzene	16.32	284	245738	20.272	ng/ul#	88
67) Atrazine	16.49	200	232979	20.816	ng/ul	96
68) Pentachlorophenol	16.67	266	124534	19.333	ng/ul	95
69) Phenanthrene	17.06	178	1080805	20.393	ng/ul	100
71) Anthracene	17.15	178	1105007	20.214	ng/ul	98
72) Carbazole	17.43	167	912924	20.231	ng/ul	99
73) Di-n-butylphthalate	17.99	149	1128369	21.262	ng/ul	98
74) Fluoranthene	19.08	202	1287653	20.354	ng/ul#	94
77) Pyrene	19.44	202	1329628	23.461	ng/ul#	93
78) Butylbenzylphthalate	20.36	149	492545	24.672	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.14	252	315383	20.450	ng/ul	97
80) Benzo(a)anthracene	21.20	228	1192305	21.166	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	710319	23.715	ng/ul	99
82) Chrysene	21.25	228	1056232	20.439	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1074505	23.491	ng/ul	99
85) Benzo(b)fluoranthene	22.76	252	1050106	22.529	ng/ul#	99
86) Benzo(k)fluoranthene	22.80	252	935211	20.758	ng/ul#	97
88) Benzo(a)pyrene	23.32	252	920134	20.896	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.61	276	977958	18.814	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.62	278	812709	18.515	ng/ul#	97
91) Benzo(g,h,i)perylene	26.28	276	800282	18.707	ng/ul#	93

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



#2

1,4-Dioxane

Concen: 5.874 ng/uL

RT: 3.19 min Scan# 35

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

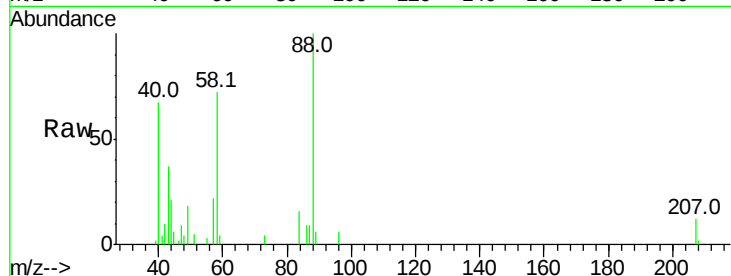
Tot Ion: 88 Resp: 24475

Ion Ratio Lower Upper

88 100

43 38.5 48.0 72.0#

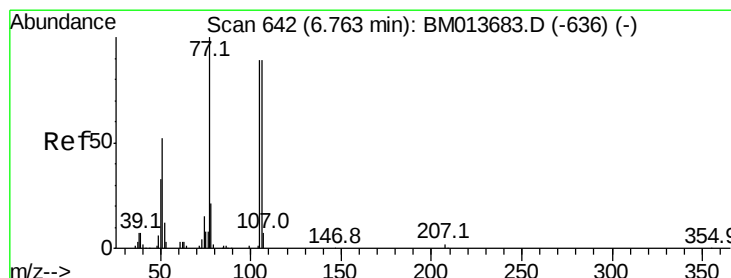
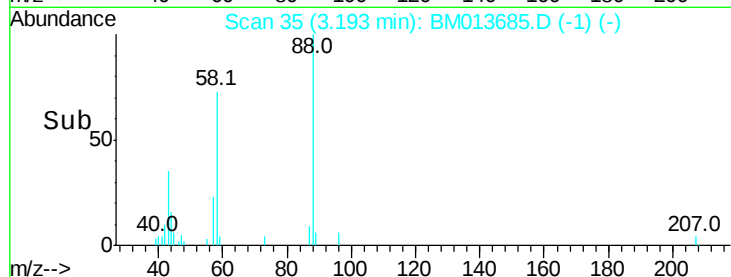
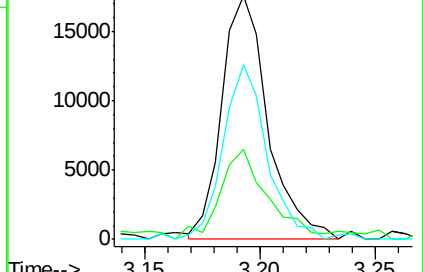
58 67.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013685.D (-31) (-)

Ion 43.00 (42.70 to 43.70): BM013685.D (-31) (-)

Ion 58.00 (57.70 to 58.70): BM013685.D (-31) (-)



#4

Benzaldehyde

Concen: 21.441 ng/uL

RT: 6.77 min Scan# 643

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

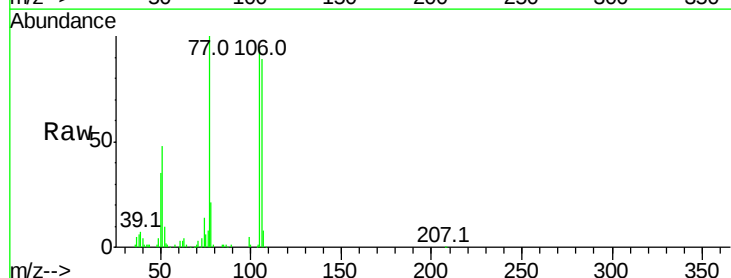
Tgt Ion: 77 Resp: 171238

Ion Ratio Lower Upper

77 100

105 94.1 66.1 99.1

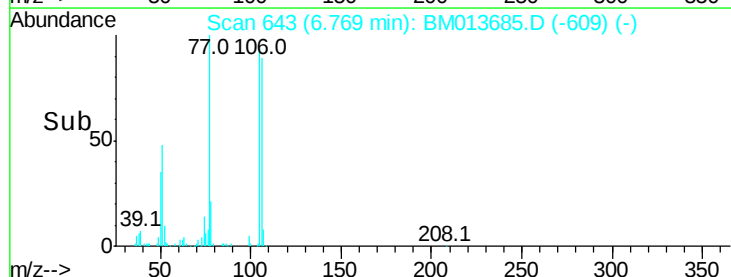
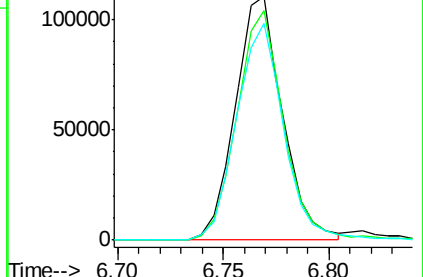
106 88.9 67.8 101.6

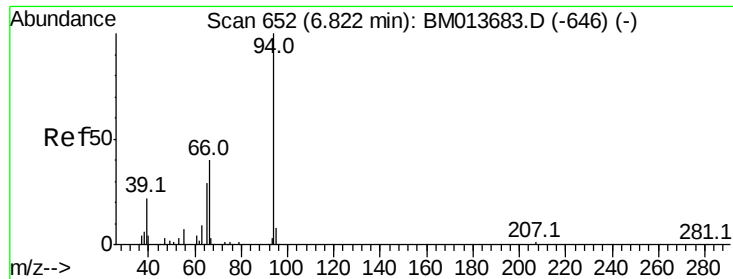


Abundance Ion 77.00 (76.70 to 77.70): BM013685.D (-636) (-)

Ion 105.00 (104.70 to 105.70): BM013685.D (-636) (-)

Ion 106.00 (105.70 to 106.70): BM013685.D (-636) (-)





#6

Phenol

Concen: 20.449 ng/ul

RT: 6.82 min Scan# 652

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

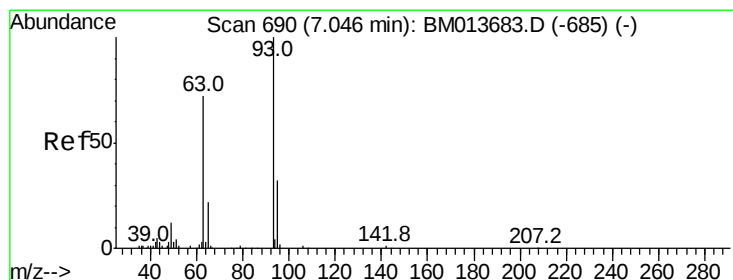
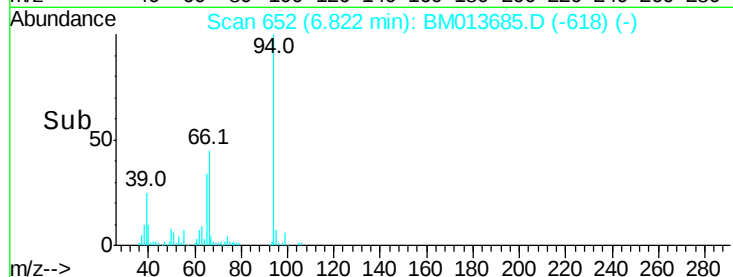
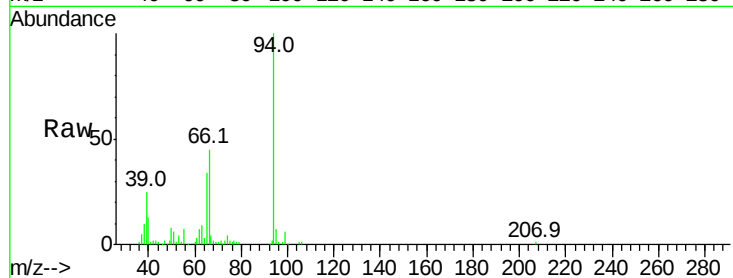
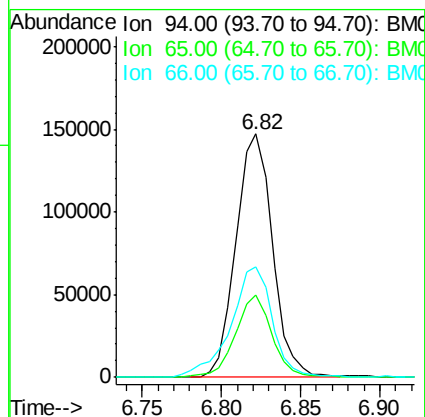
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 236704

Ion	Ratio	Lower	Upper
94	100		
65	33.7	28.2	42.4
66	45.4	47.2	70.8#



#8

Bis(2-Chloroethyl)ether

Concen: 20.229 ng/ul

RT: 7.05 min Scan# 691

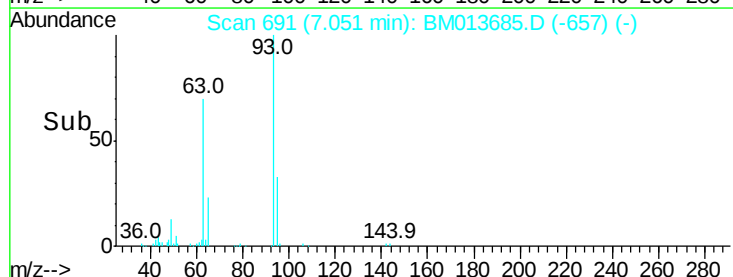
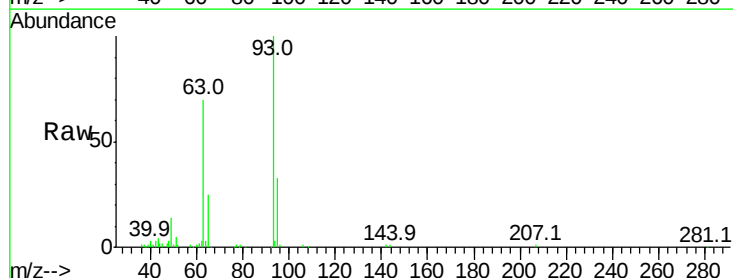
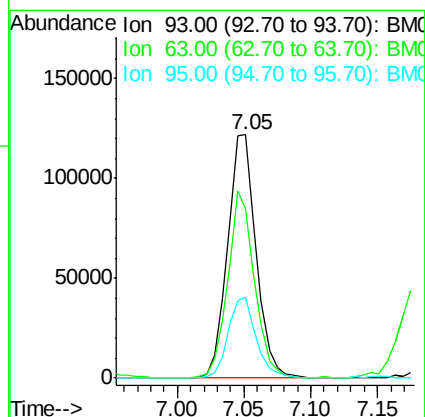
Delta R.T. -0.00 min

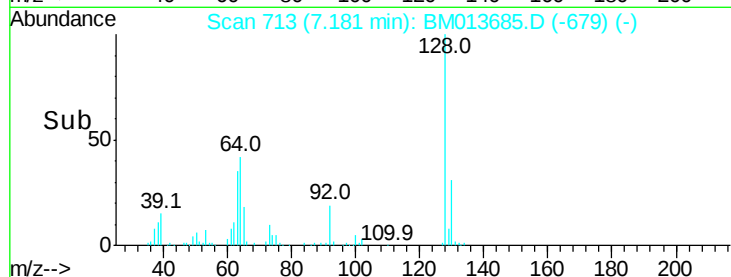
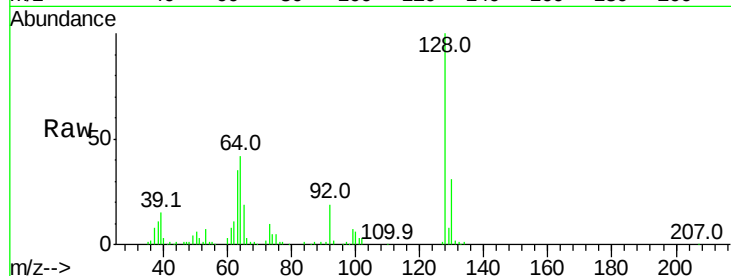
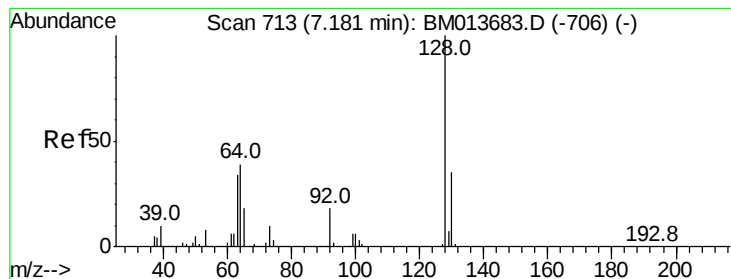
Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Tgt Ion: 93 Resp: 183233

Ion	Ratio	Lower	Upper
93	100		
63	69.8	57.3	85.9
95	33.4	26.6	39.8





#10

2-Chlorophenol

Concen: 20.503 ng/ul

RT: 7.18 min Scan# 713

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

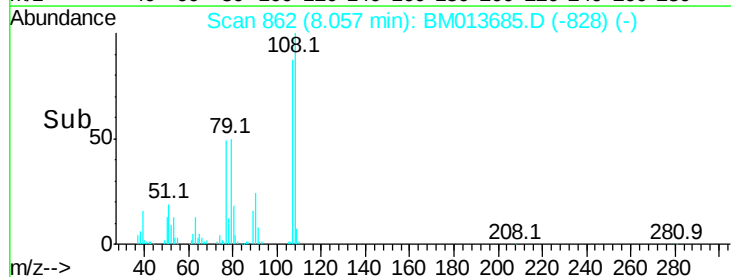
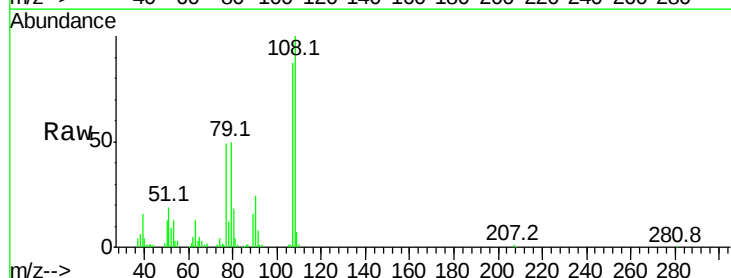
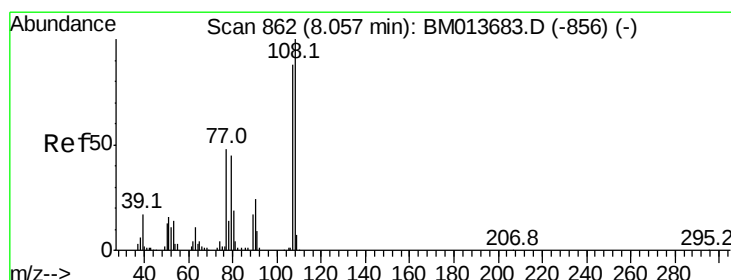
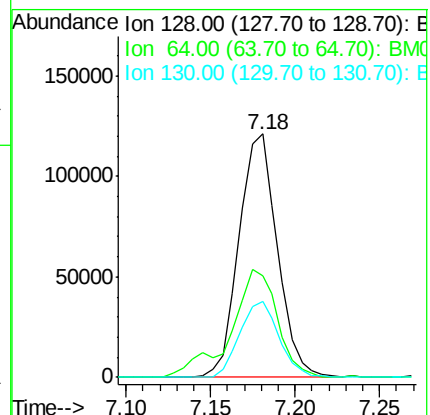
Tot Ion:128 Resp: 192157

Ion Ratio Lower Upper

128 100

64 41.5 38.0 57.0

130 31.3 24.4 36.6



#11

2-Methylphenol

Concen: 21.414 ng/ul

RT: 8.06 min Scan# 862

Delta R.T. -0.00 min

Lab File: BM013685.D

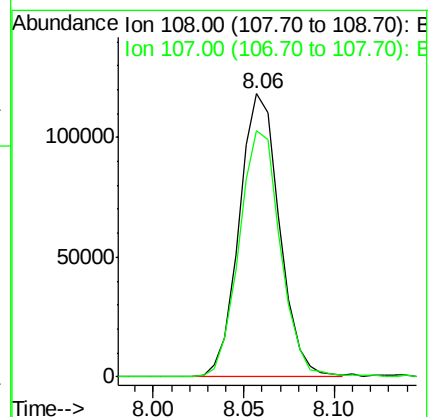
Acq: 22 Jan 2018 09:36

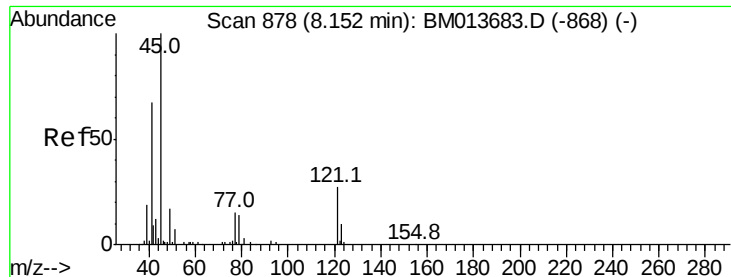
Tgt Ion:108 Resp: 182716

Ion Ratio Lower Upper

108 100

107 87.0 72.6 108.8

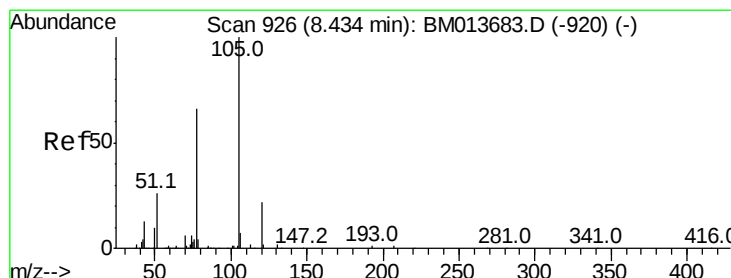
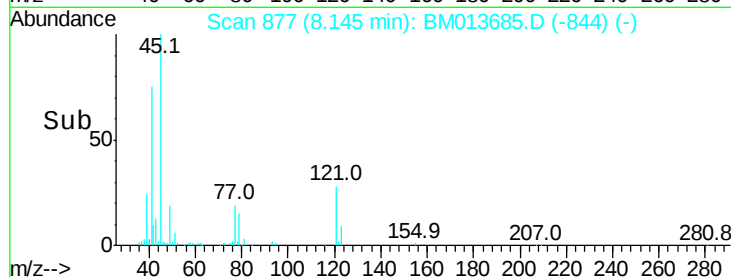
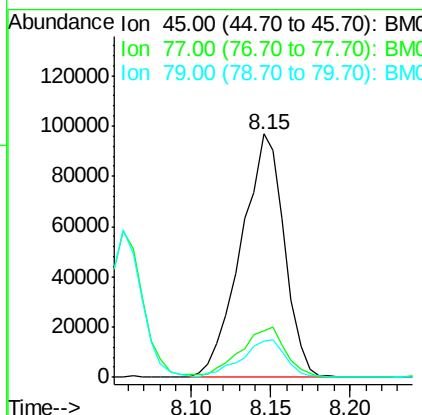
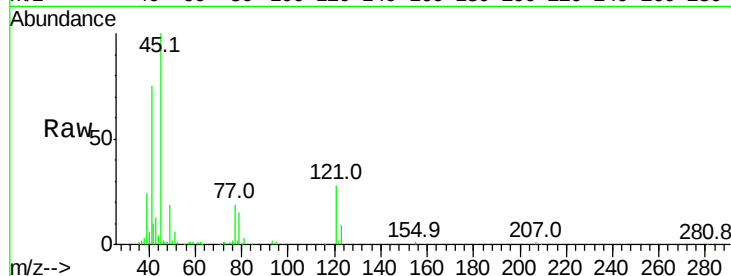




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.988 ng/ul
RT: 8.15 min Scan# 877
Delta R.T. -0.01 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

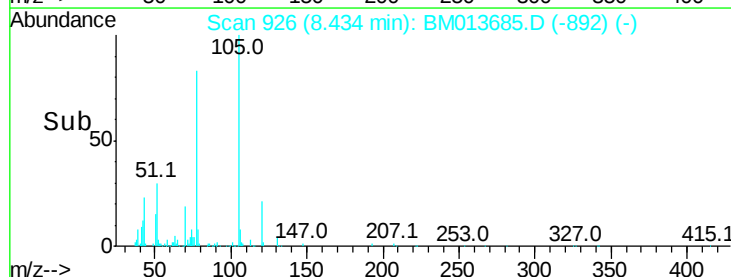
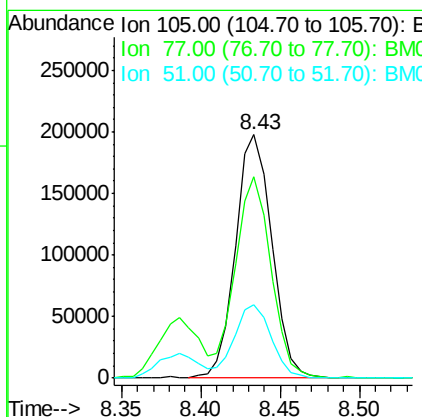
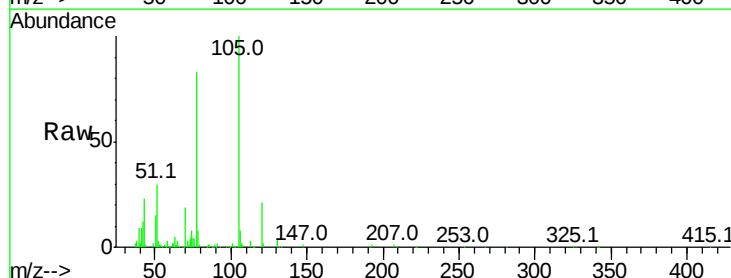
Instrument :
BNA_M
ClientSampleId :

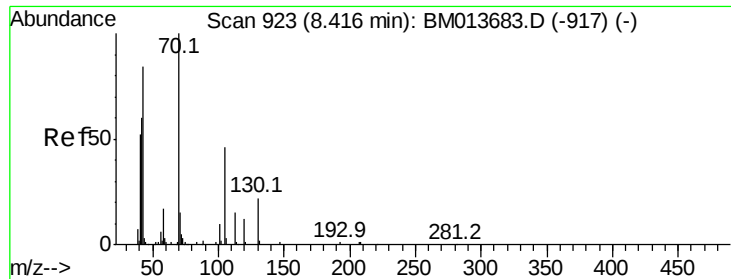
Tot Ion: 45 Resp: 184216
Ion Ratio Lower Upper
45 100
77 19.3 8.0 12.0#
79 15.0 8.0 12.0#



#14
Acetophenone
Concen: 21.385 ng/ul
RT: 8.43 min Scan# 926
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion: 105 Resp: 313961
Ion Ratio Lower Upper
105 100
77 82.9 74.2 111.4
51 30.3 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 21.673 ng/ul

RT: 8.42 min Scan# 924

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampled :

Tot Ion: 70 Resp: 155236

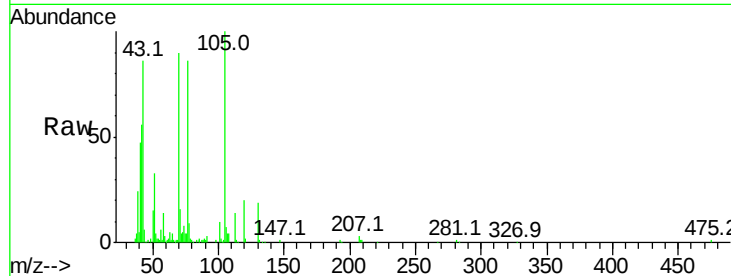
Ion Ratio Lower Upper

70 100

42 61.8 76.0 114.0#

101 10.5 6.7 10.1#

130 20.5 14.6 22.0

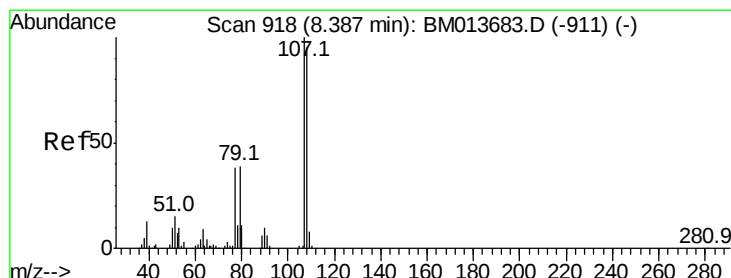
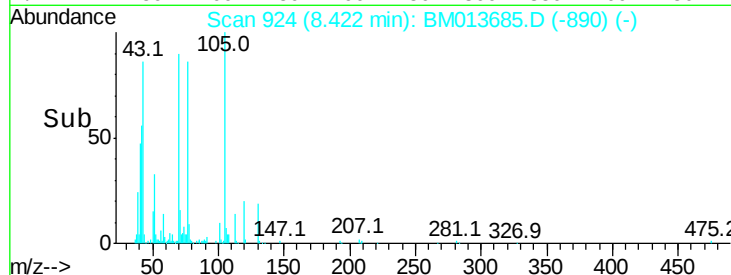
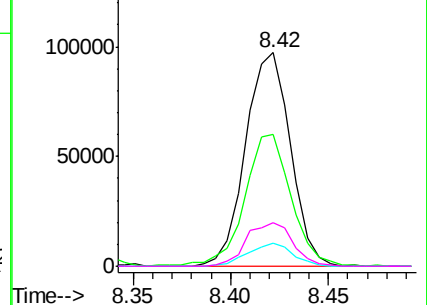


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 22.095 ng/ul

RT: 8.39 min Scan# 918

Delta R.T. -0.00 min

Lab File: BM013685.D

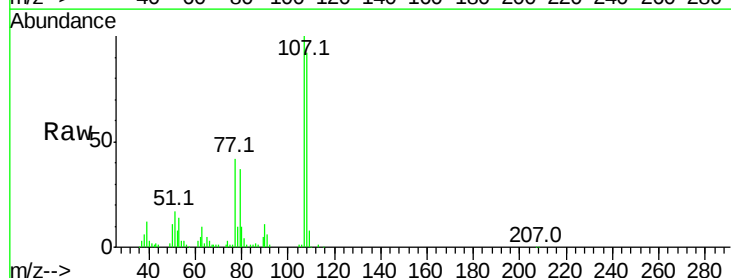
Acq: 22 Jan 2018 09:36

Tgt Ion: 108 Resp: 201587

Ion Ratio Lower Upper

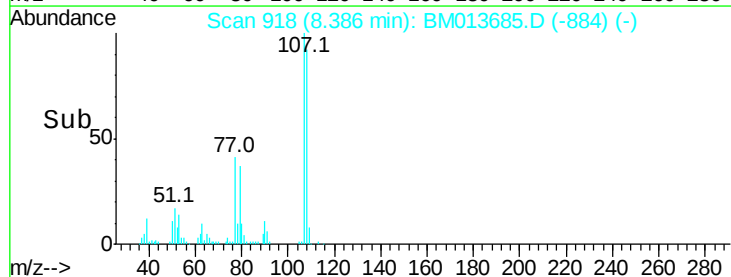
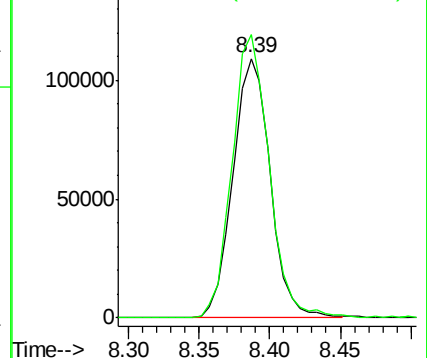
108 100

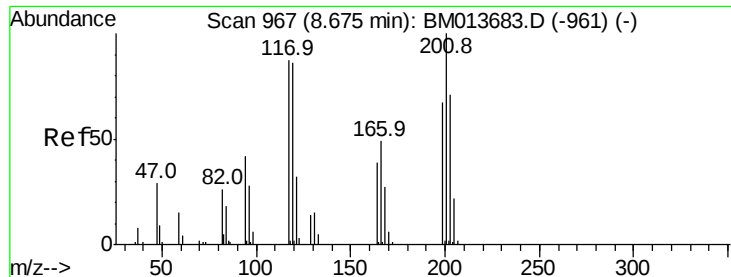
107 109.1 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#17

Hexachloroethane

Concen: 18.991 ng/ul

RT: 8.67 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

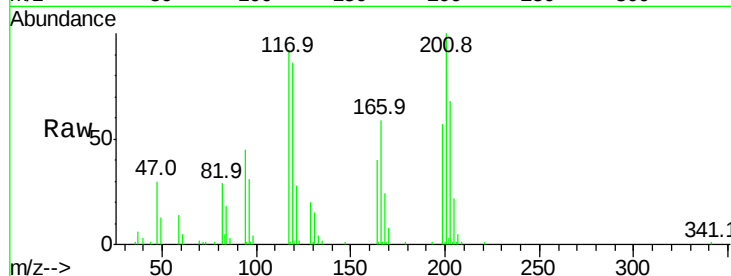
Tot Ion:117 Resp: 86639

Ion Ratio Lower Upper

117 100

201 108.7 111.6 167.4#

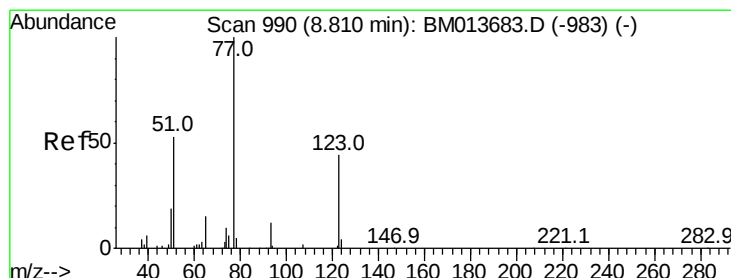
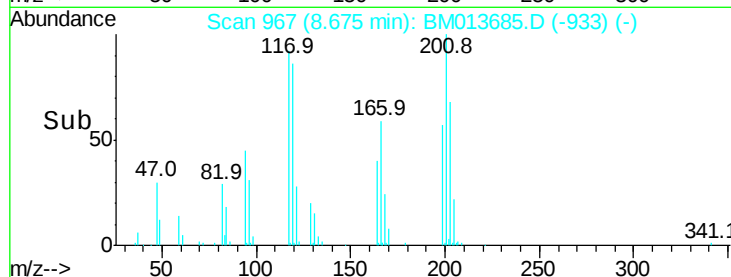
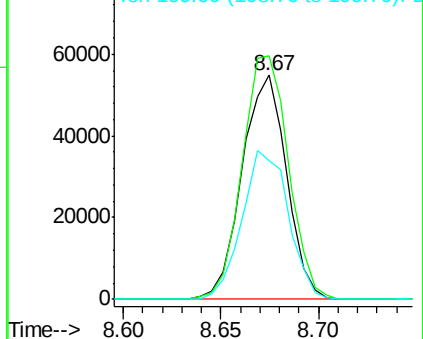
199 62.1 67.8 101.6#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 18.832 ng/ul

RT: 8.81 min Scan# 990

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

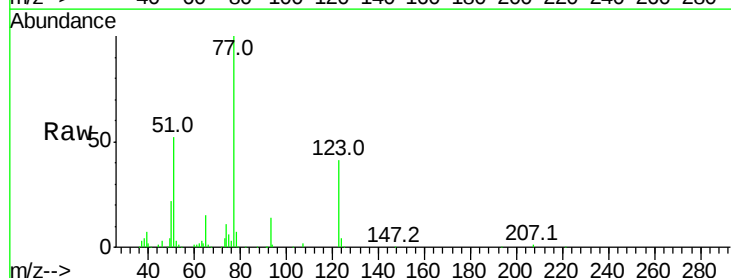
Tgt Ion: 77 Resp: 240266

Ion Ratio Lower Upper

77 100

123 41.2 31.0 46.6

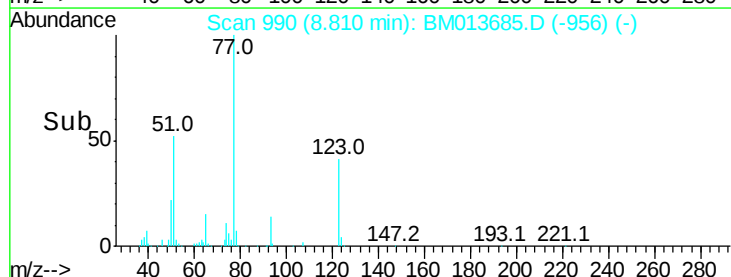
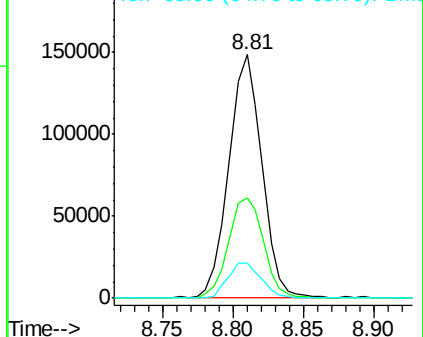
65 14.5 12.2 18.2

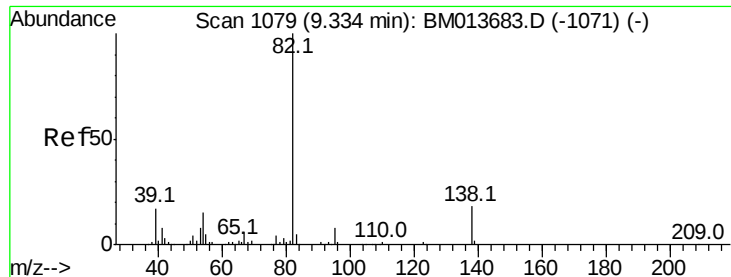


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 19.908 ng/ul

RT: 9.33 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

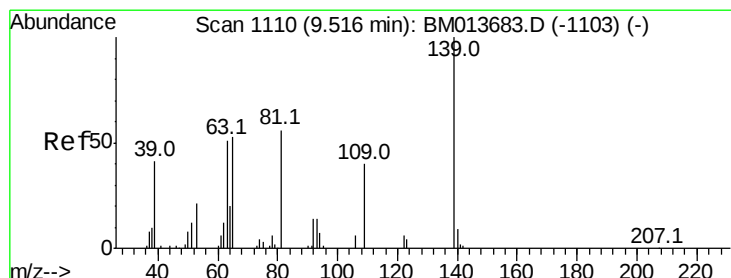
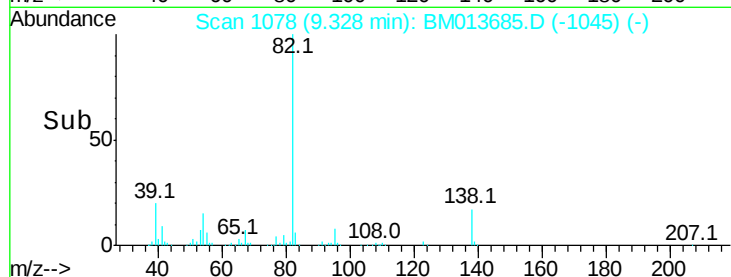
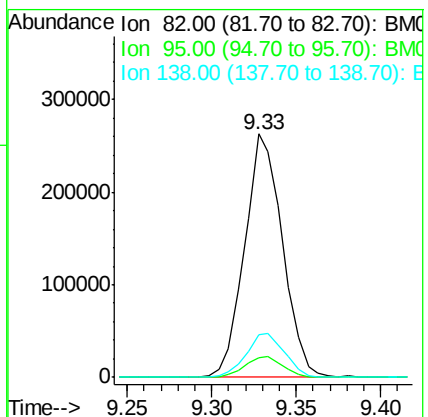
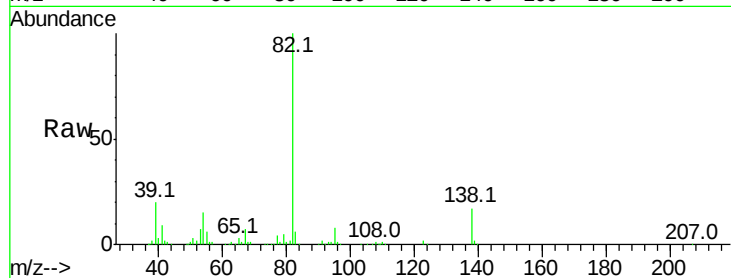
Tot Ion: 82 Resp: 410389

Ion Ratio Lower Upper

82 100

95 8.0 7.8 11.8

138 17.5 11.9 17.9



#23

2-Nitrophenol

Concen: 20.314 ng/ul

RT: 9.52 min Scan# 1110

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

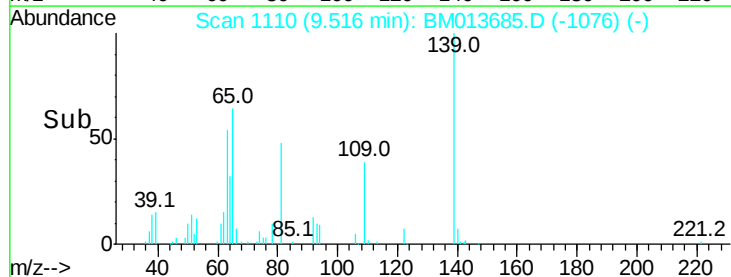
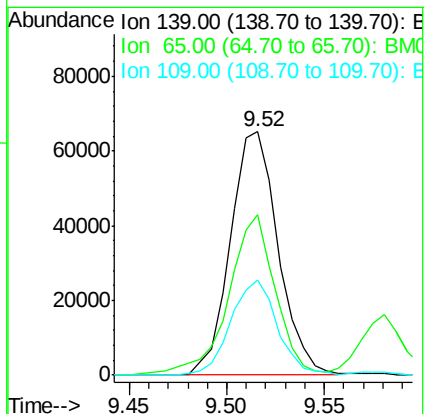
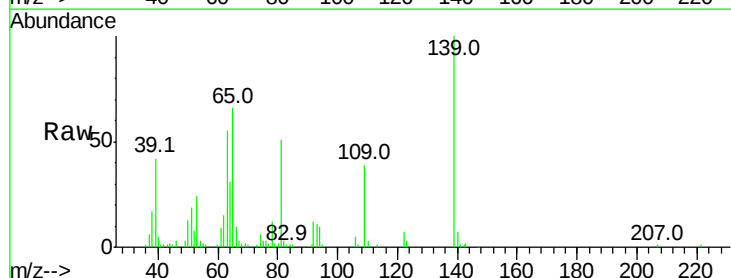
Tgt Ion: 139 Resp: 110487

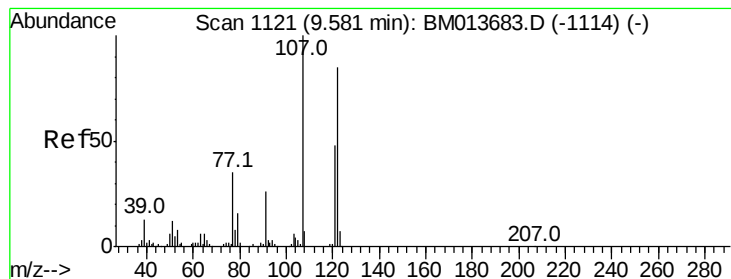
Ion Ratio Lower Upper

139 100

65 65.6 55.4 83.0

109 39.0 42.2 63.2#

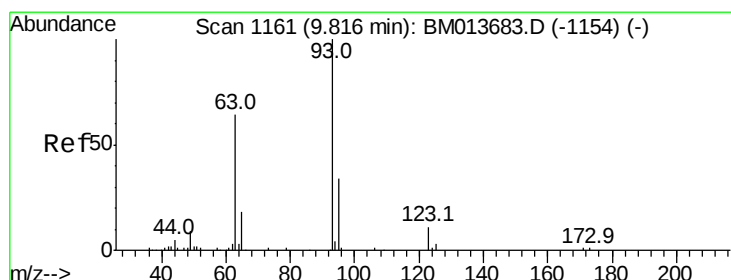
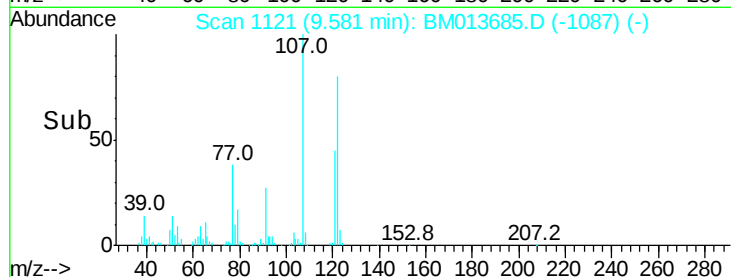
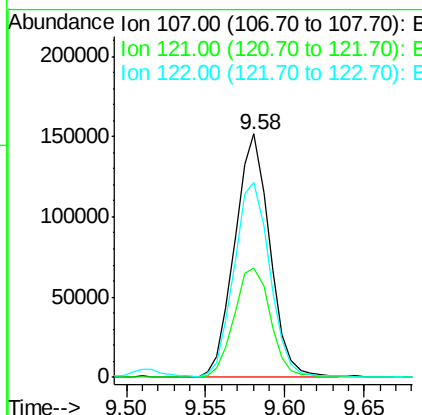
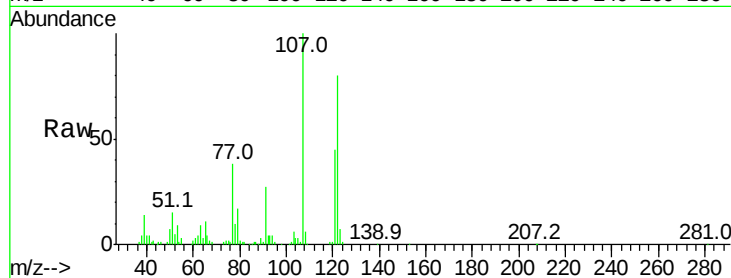




#24
 2,4-Dimethylphenol
 Concen: 20.405 ng/ul
 RT: 9.58 min Scan# 1121
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

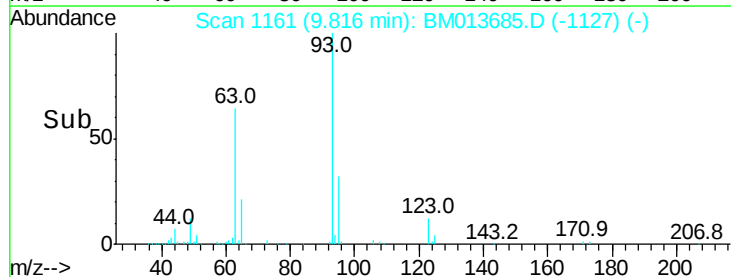
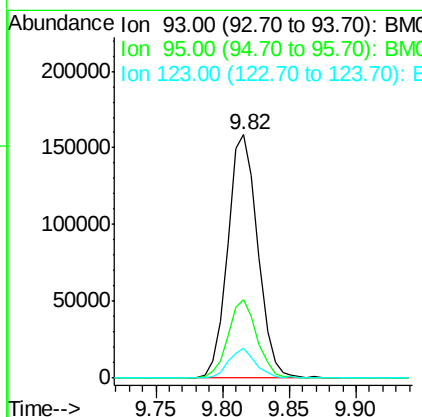
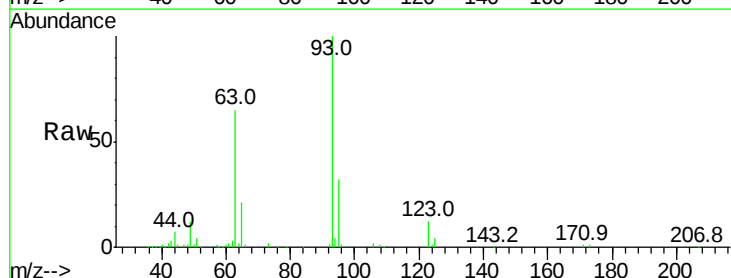
Instrument :
 BNA_M
 ClientSampleId :

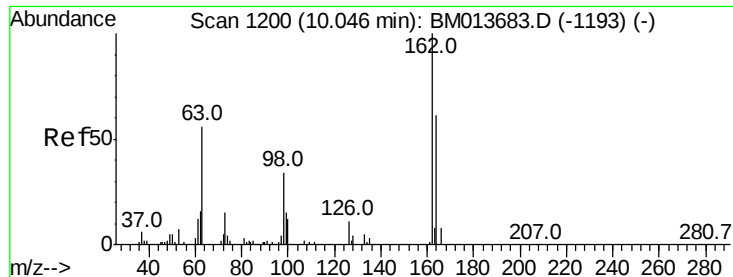
Tot Ion	Ratio	Lower	Upper
107	100		
121	44.6	31.9	47.9
122	80.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.874 ng/ul
 RT: 9.82 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	28.5	42.7
123	12.3	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 20.762 ng/ul

RT: 10.05 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

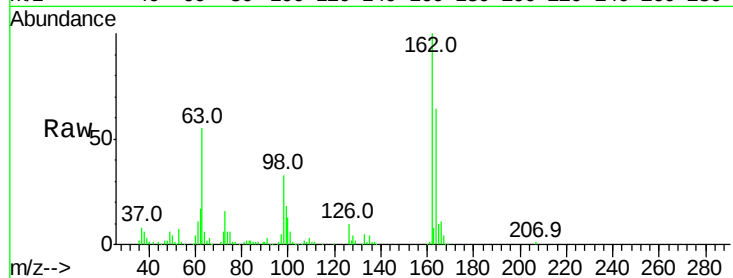
Tot Ion:162 Resp: 201725

Ion Ratio Lower Upper

162 100

164 64.2 47.8 71.6

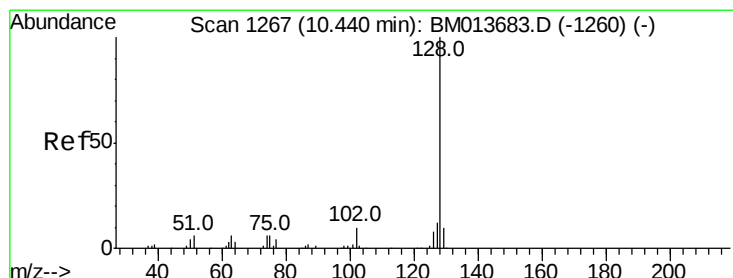
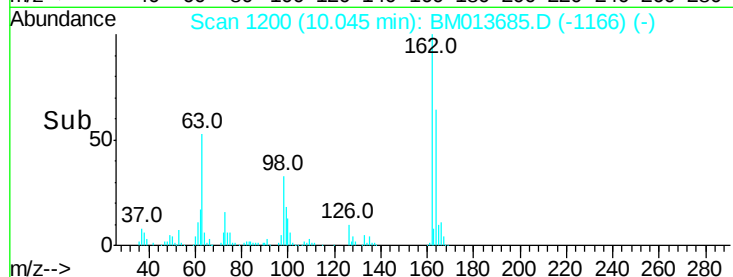
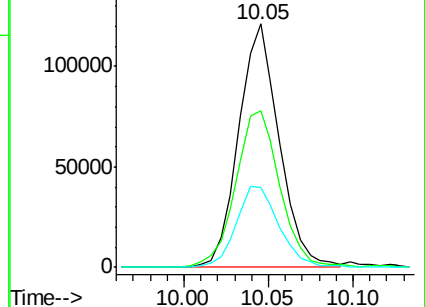
98 33.0 23.0 34.4



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



#28

Naphthalene

Concen: 20.583 ng/ul

RT: 10.44 min Scan# 1267

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

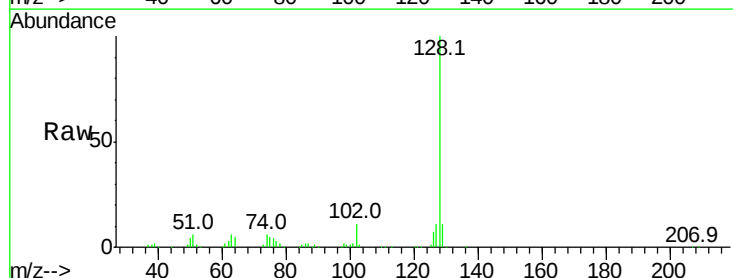
Tgt Ion:128 Resp: 651793

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

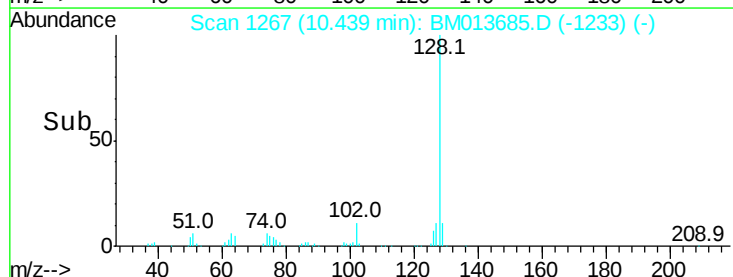
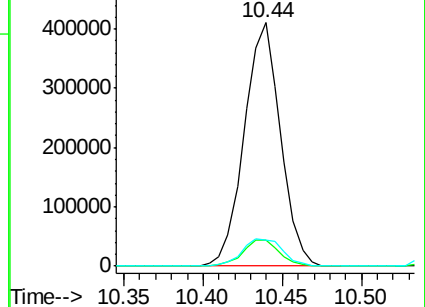
127 10.8 10.6 16.0

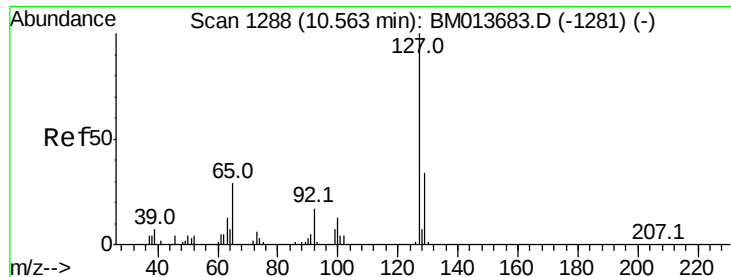


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

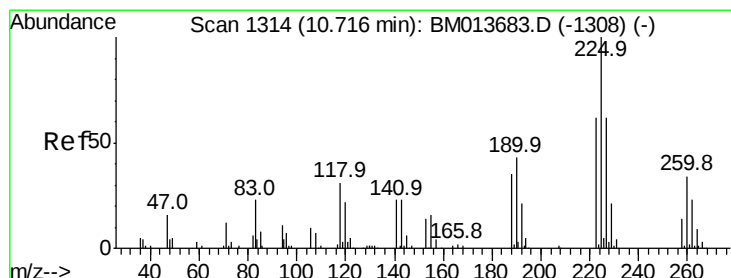
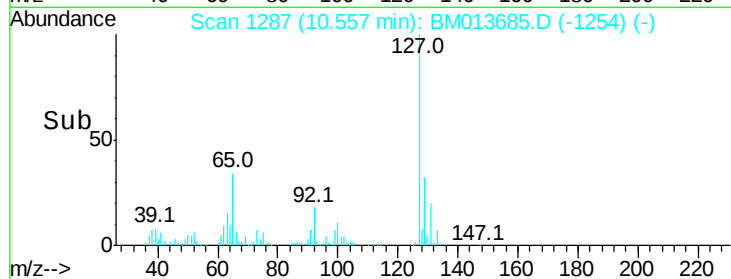
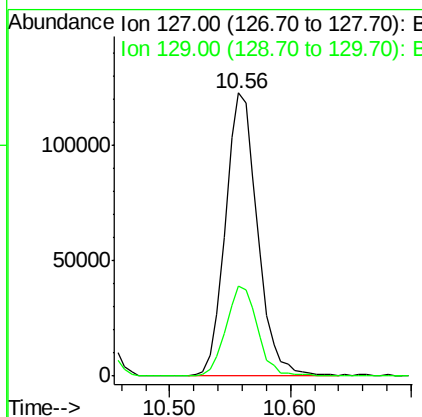
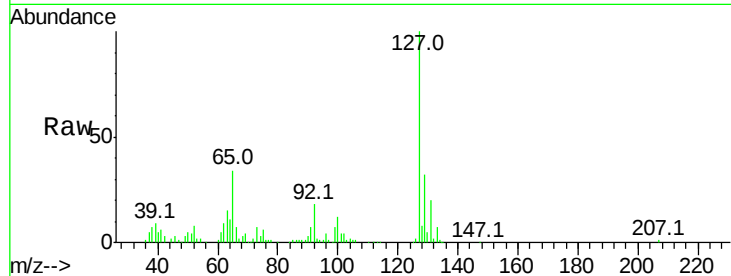




#30
4-Chloroaniline
Concen: 26.171 ng/ul
RT: 10.56 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

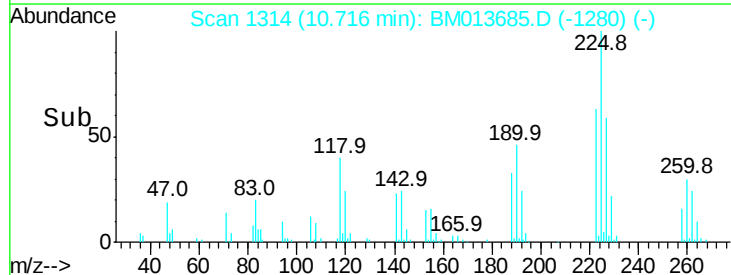
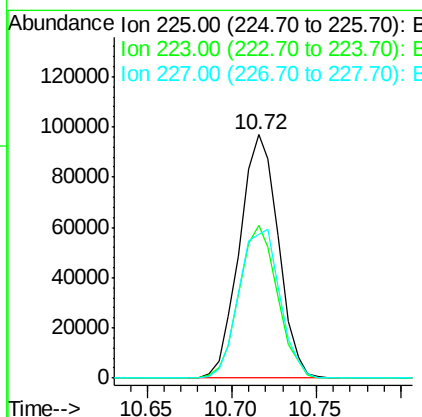
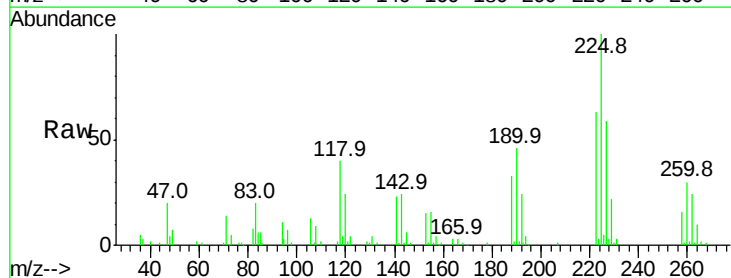
Instrument :
BNA_M
ClientSampleId :

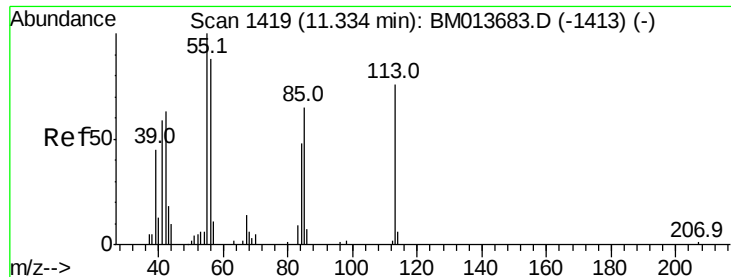
Tot Ion:127 Resp: 226989
Ion Ratio Lower Upper
127 100
129 31.8 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.497 ng/ul
RT: 10.72 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion:225 Resp: 155499
Ion Ratio Lower Upper
225 100
223 62.7 49.4 74.2
227 59.2 45.4 68.2





#32

Caprolactam

Concen: 14.577 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

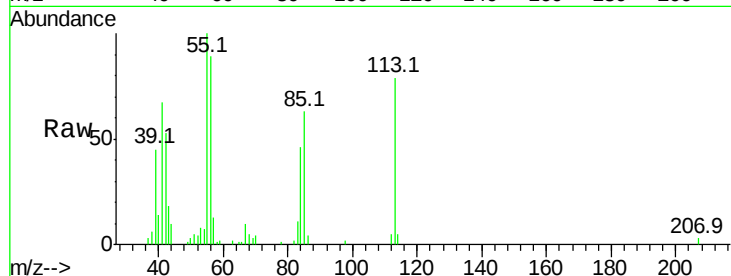
Tot Ion:113 Resp: 39400

Ion Ratio Lower Upper

113 100

55 126.1 208.0 312.0#

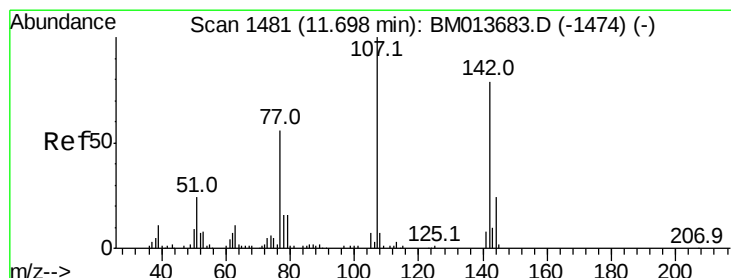
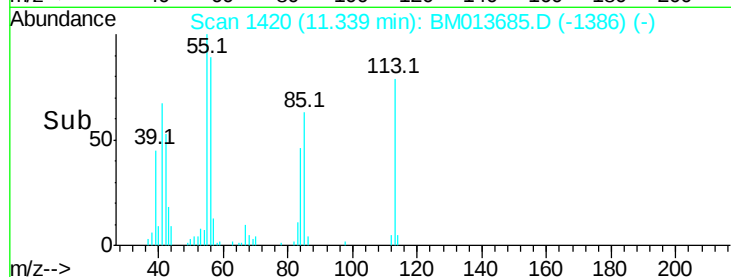
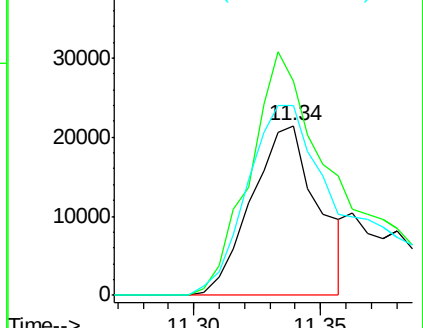
56 112.0 160.0 240.0#



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: 21.422 ng/ul

RT: 11.69 min Scan# 1480

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

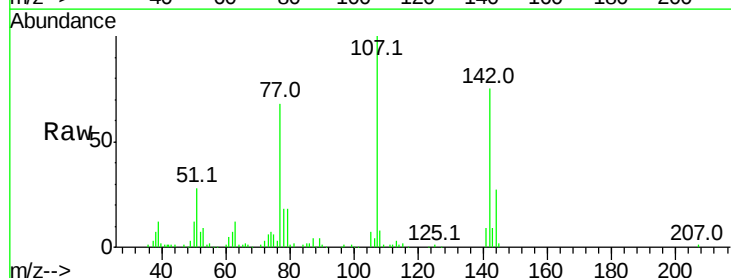
Tgt Ion:107 Resp: 210994

Ion Ratio Lower Upper

107 100

144 26.6 20.4 30.6

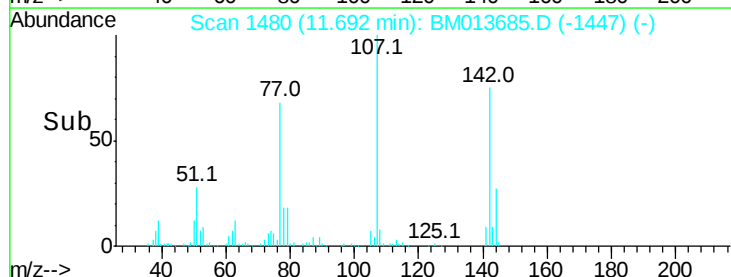
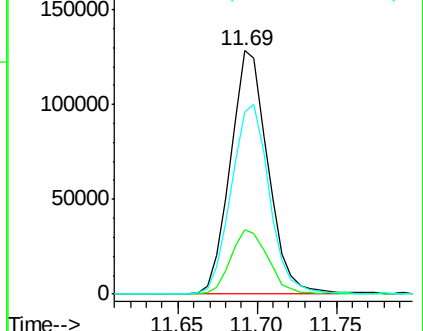
142 75.1 60.5 90.7

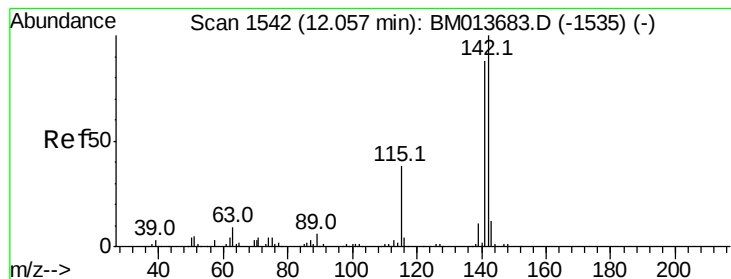


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.363 ng/ul

RT: 12.06 min Scan# 1542

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

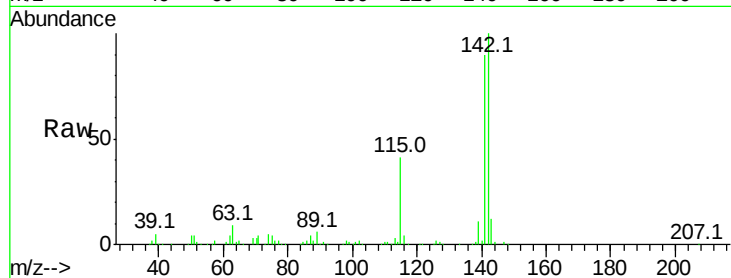
ClientSampleId :

Tot Ion:142 Resp: 504351

Ion Ratio Lower Upper

142 100

141 89.7 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.06

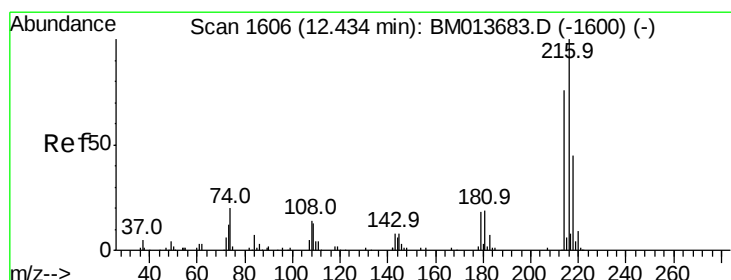
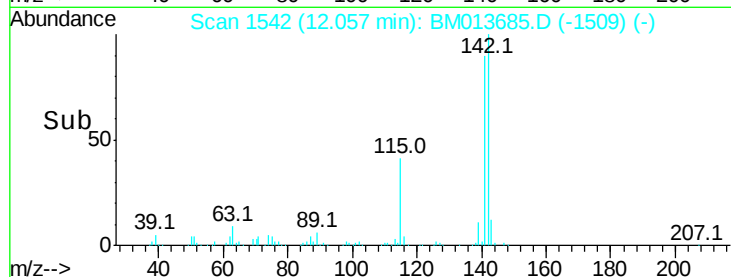
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.391 ng/ul

RT: 12.43 min Scan# 1606

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Tgt Ion:216 Resp: 288044

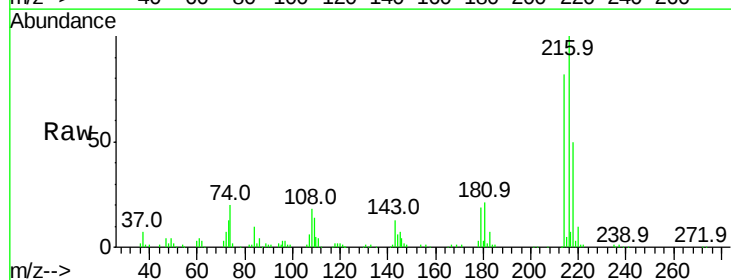
Ion Ratio Lower Upper

216 100

214 81.8 60.6 90.8

179 19.3 17.5 26.3

108 18.3 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

12.43

300000

250000

200000

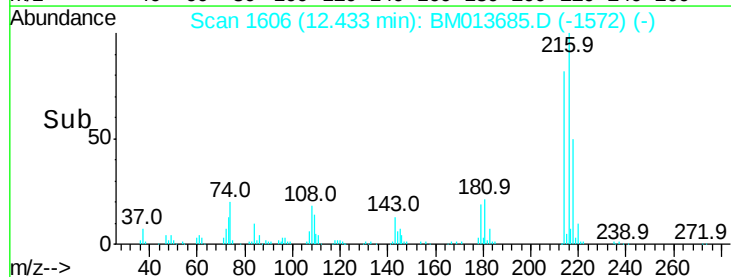
150000

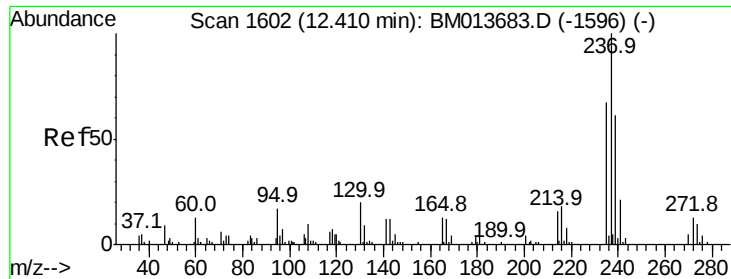
100000

50000

0

Time-->

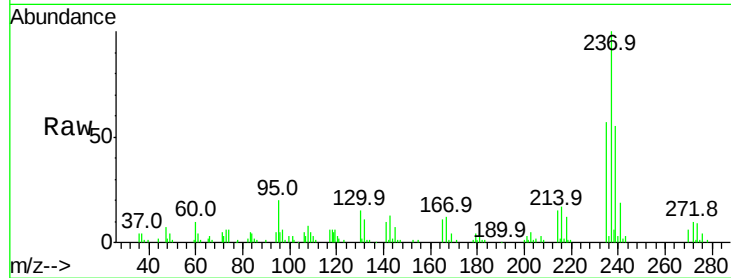




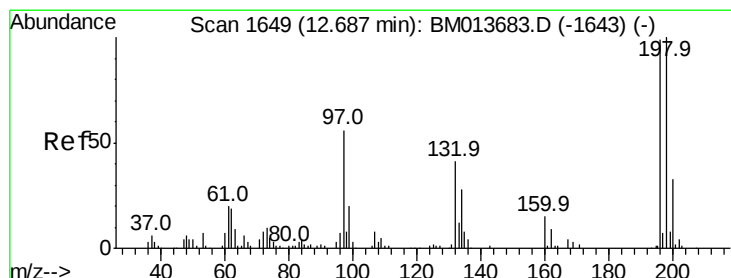
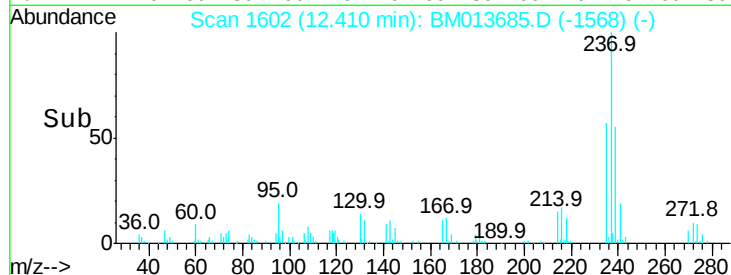
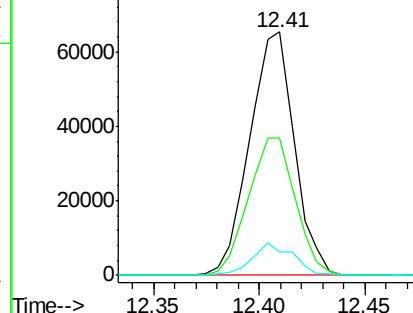
#37
Hexachlorocyclopentadiene
Concen: 15.642 ng/ul
RT: 12.41 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:237 Resp: 96467
Ion Ratio Lower Upper
237 100
235 56.5 50.2 75.4
272 9.5 11.0 16.6#

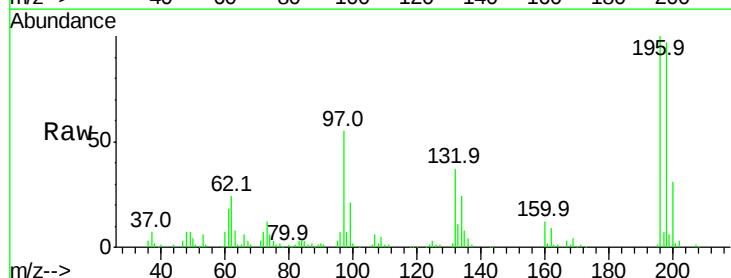


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

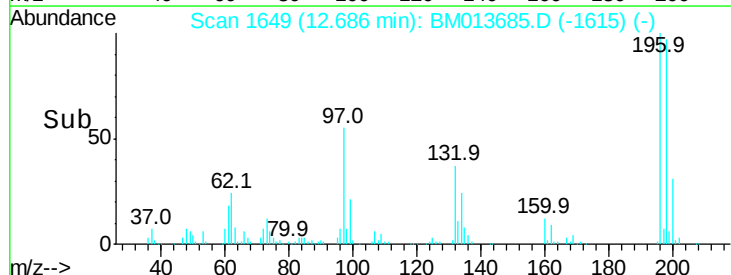
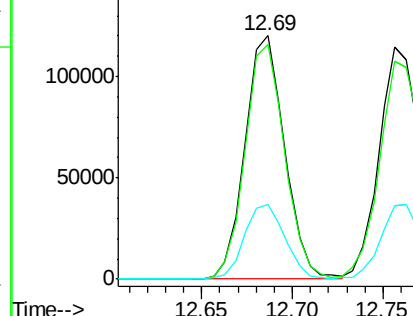


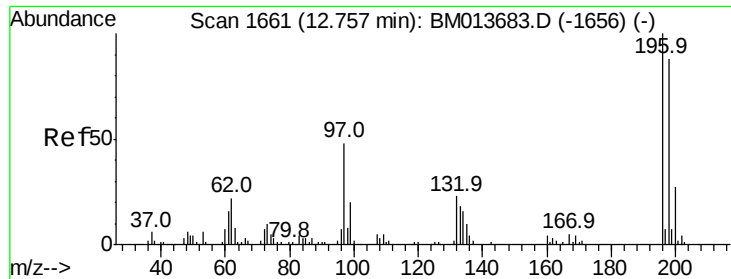
#38
2,4,6-Trichlorophenol
Concen: 21.273 ng/ul
RT: 12.69 min Scan# 1649
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion:196 Resp: 182916
Ion Ratio Lower Upper
196 100
198 96.6 74.1 111.1
200 30.5 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

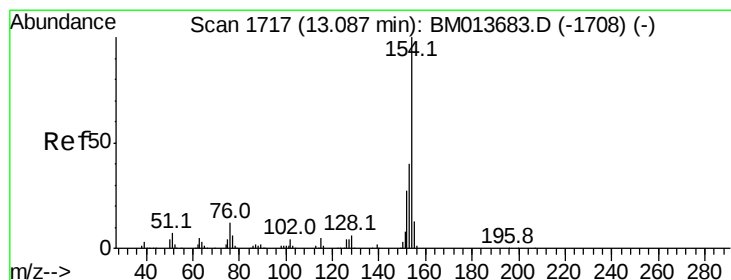
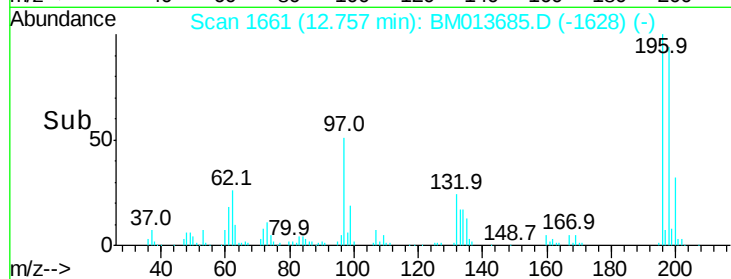
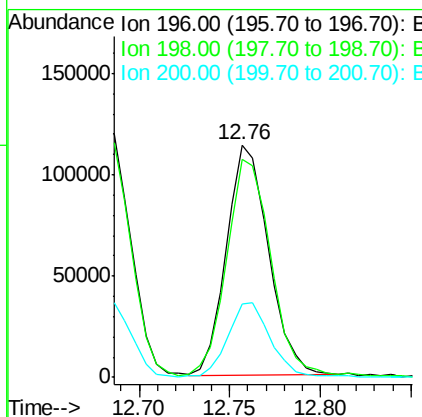
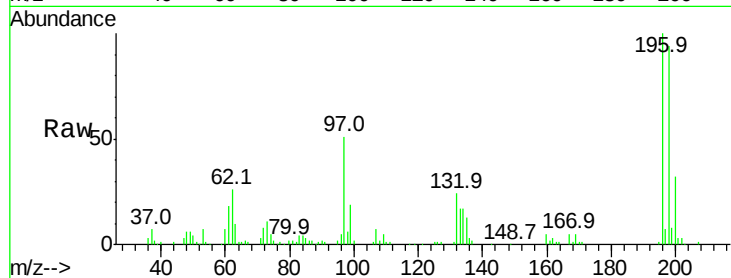




#39
 2,4,5-Trichlorophenol
 Concen: 20.572 ng/ul
 RT: 12.76 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

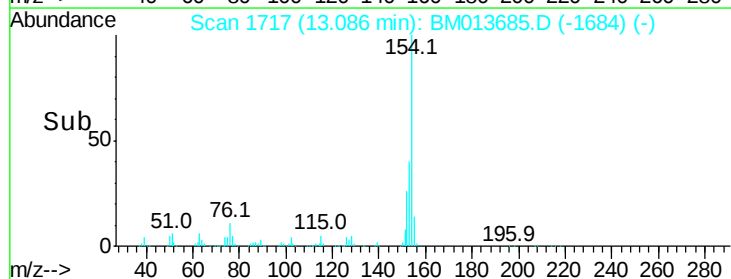
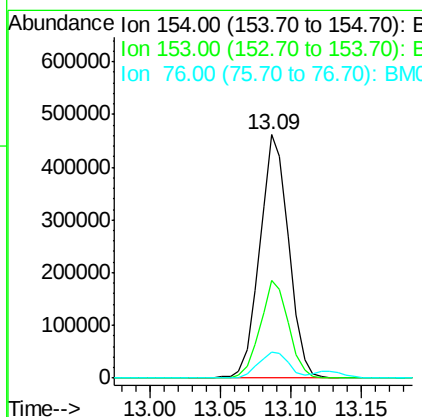
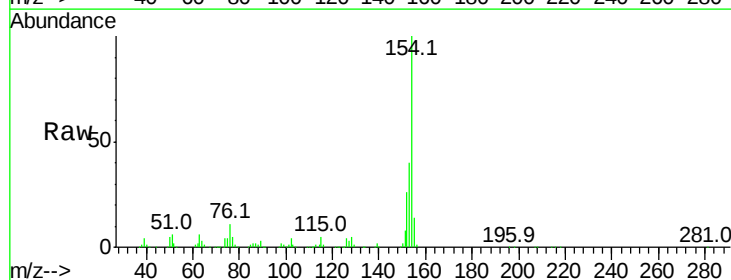
Instrument :
 BNA_M
 ClientSampleId :

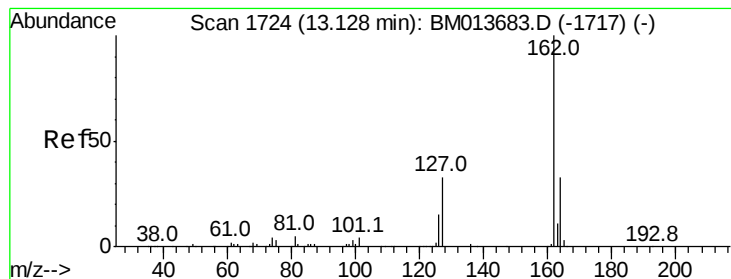
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.6	75.6	113.4
200	31.7	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 19.937 ng/ul
 RT: 13.09 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	32.6	48.8
76	10.6	8.5	12.7





#41

2-Chloronaphthalene

Concen: 20.393 ng/ul

RT: 13.13 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

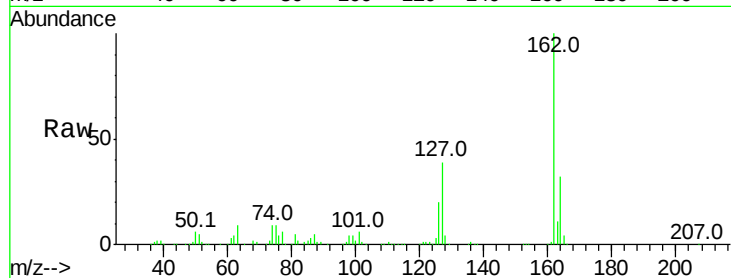
Tot Ion:162 Resp: 531971

Ion Ratio Lower Upper

162 100

164 32.2 25.9 38.9

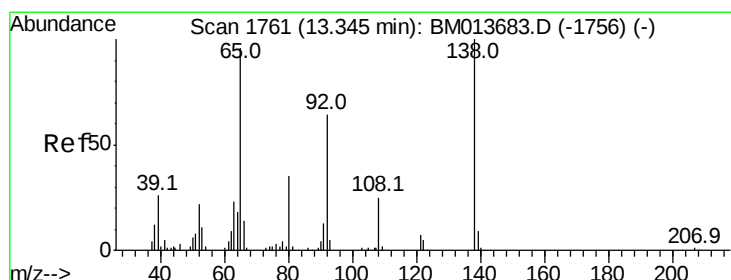
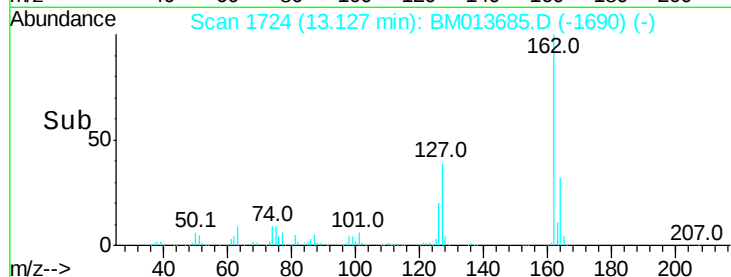
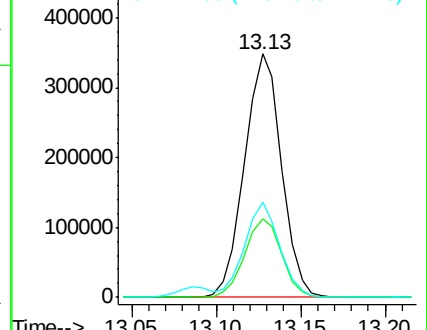
127 38.9 29.4 44.2



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: 20.536 ng/ul

RT: 13.34 min Scan# 1761

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

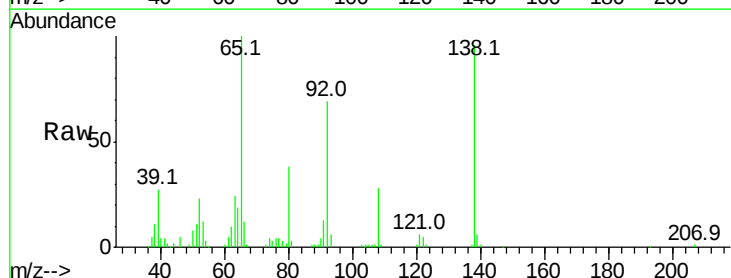
Tgt Ion: 65 Resp: 147775

Ion Ratio Lower Upper

65 100

92 69.4 51.8 77.6

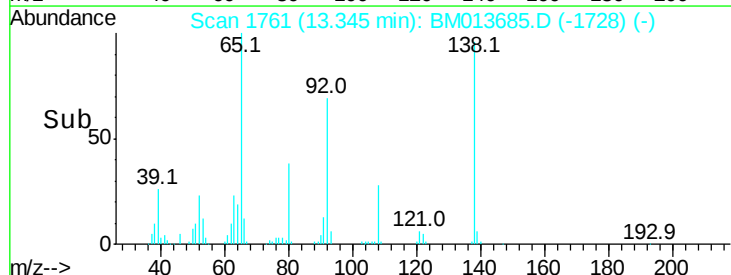
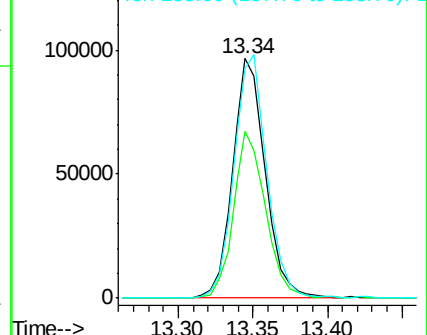
138 95.6 74.2 111.4

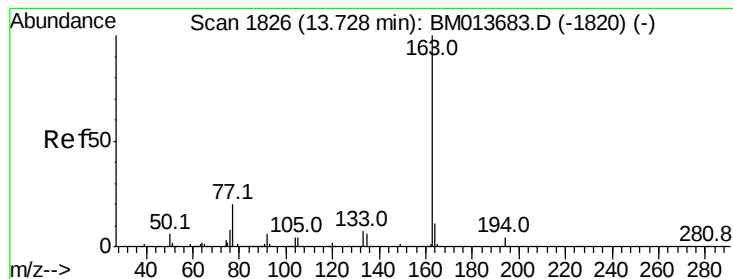


Abundance Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.127 ng/ul

RT: 13.73 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

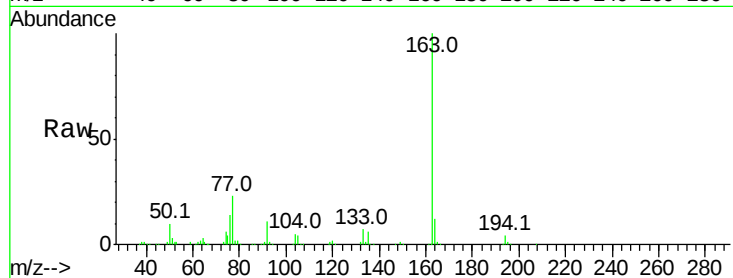
Tot Ion:163 Resp: 653852

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

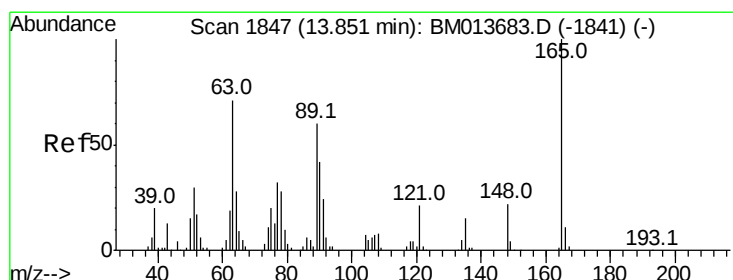
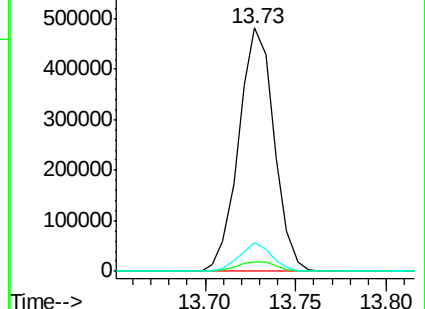
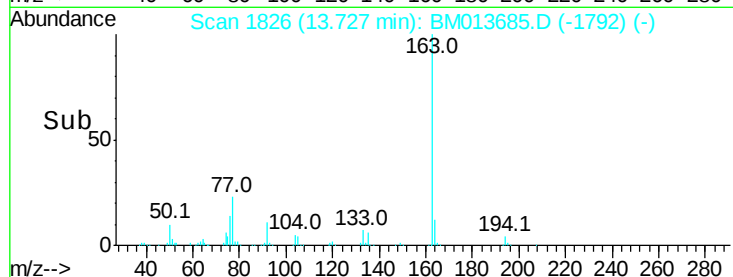
164 11.7 8.2 12.4



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



#45

2,6-Dinitrotoluene

Concen: 21.512 ng/ul

RT: 13.85 min Scan# 1847

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

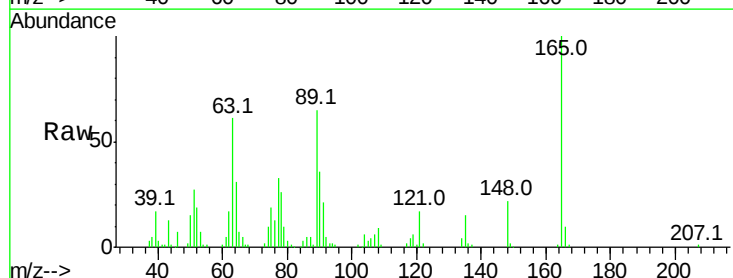
Tgt Ion:165 Resp: 135426

Ion Ratio Lower Upper

165 100

89 65.1 52.6 79.0

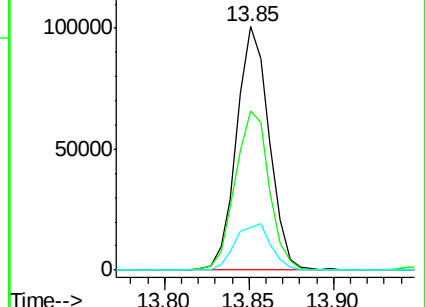
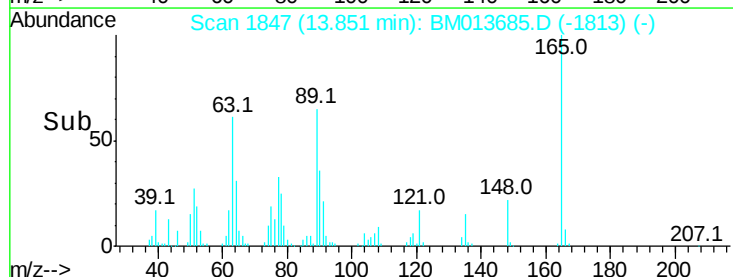
121 17.4 14.6 22.0

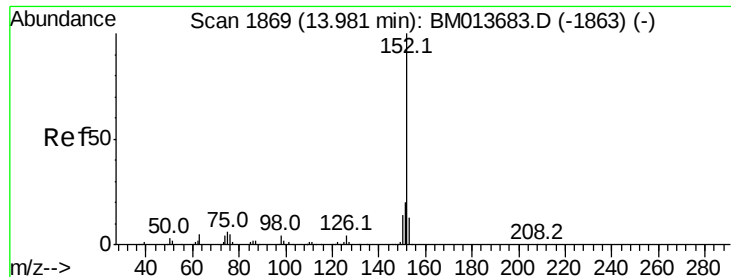


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.077 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

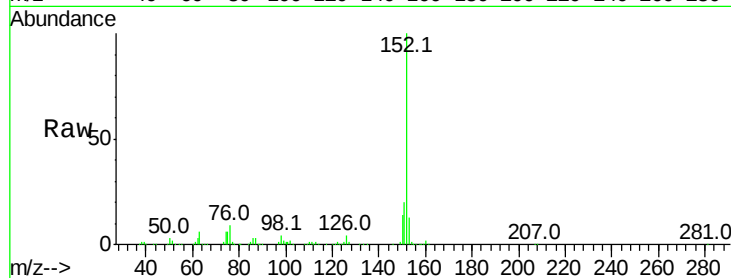
Tot Ion:152 Resp: 773988

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

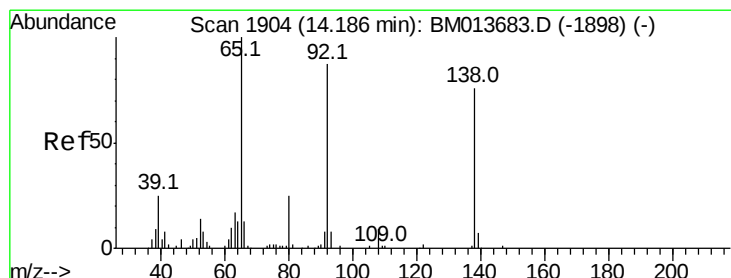
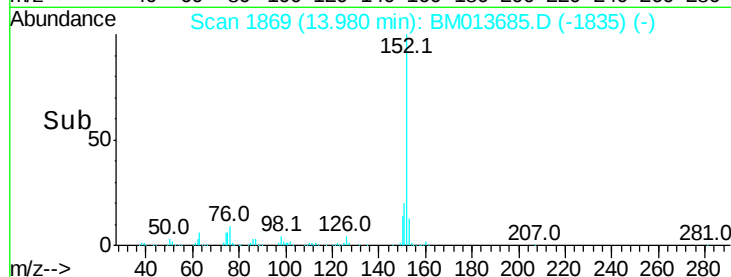
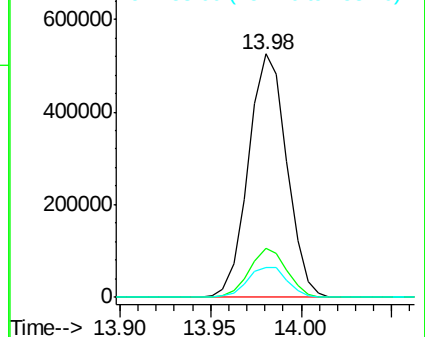
153 12.5 10.2 15.4



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: 22.042 ng/ul

RT: 14.19 min Scan# 1904

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

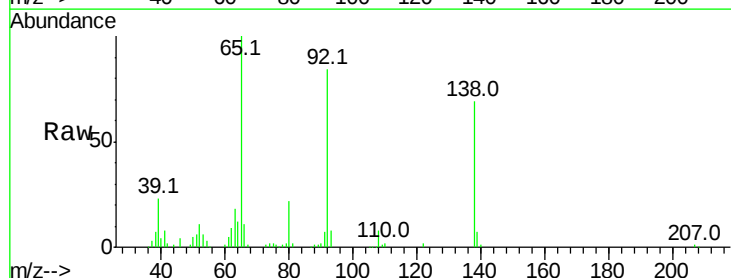
Tgt Ion:138 Resp: 109132

Ion Ratio Lower Upper

138 100

108 11.8 9.9 14.9

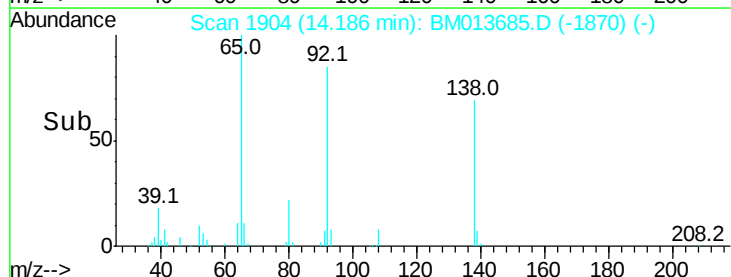
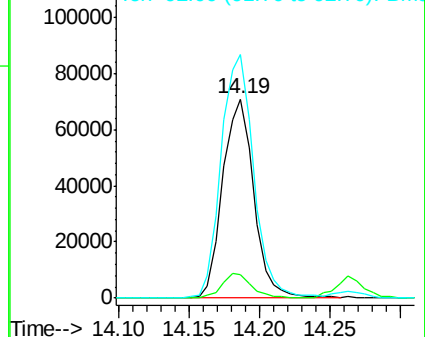
92 122.2 105.0 157.4

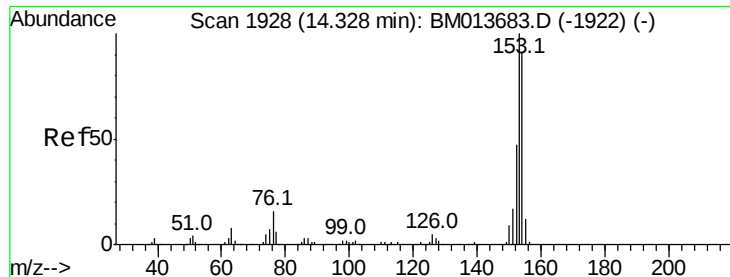


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.079 ng/ul

RT: 14.33 min Scan# 1928

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

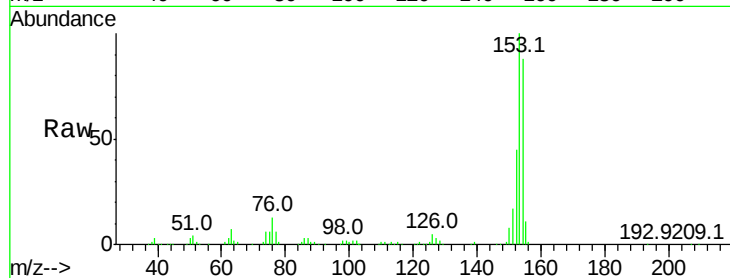
Tot Ion:153 Resp: 536092

Ion Ratio Lower Upper

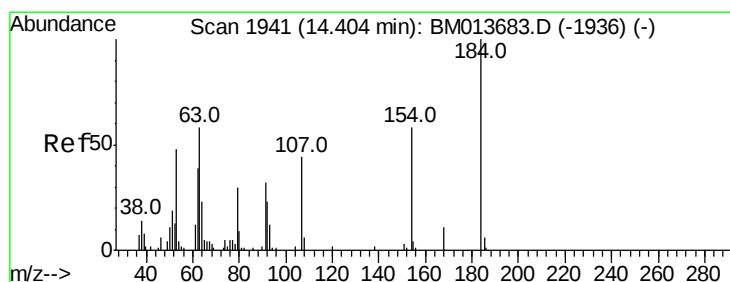
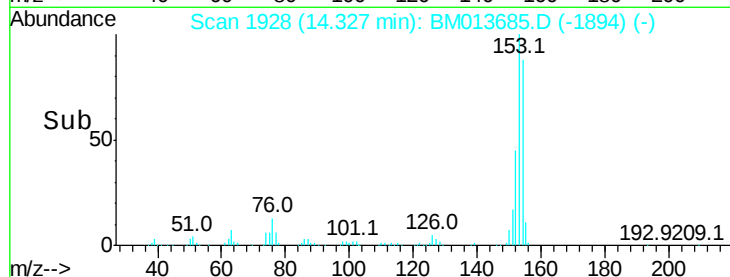
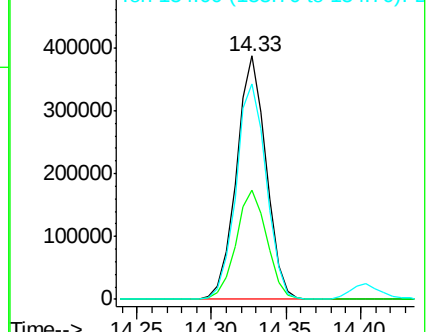
153 100

152 44.8 37.6 56.4

154 88.4 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: 15.603 ng/ul

RT: 14.40 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

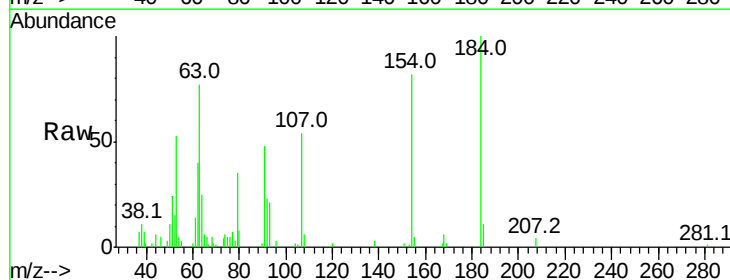
Tgt Ion:184 Resp: 56310

Ion Ratio Lower Upper

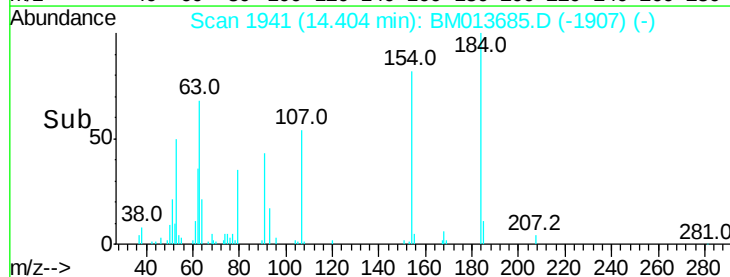
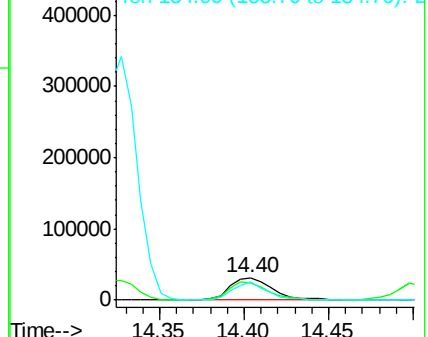
184 100

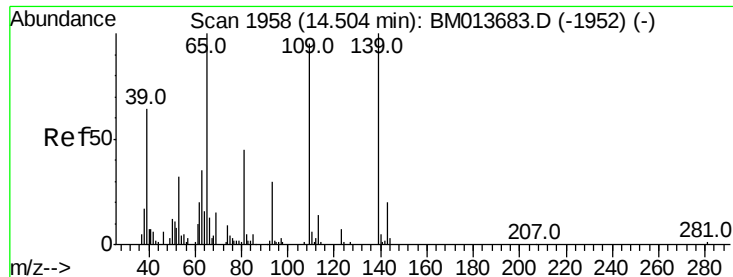
63 77.4 50.1 75.1#

154 81.7 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: 18.245 ng/ul

RT: 14.50 min Scan# 1958

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampled :

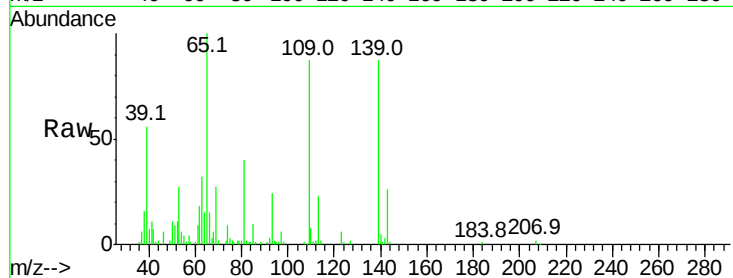
Tot Ion:109 Resp: 99523

Ion Ratio Lower Upper

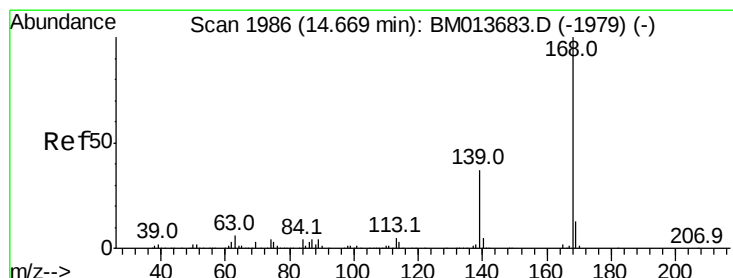
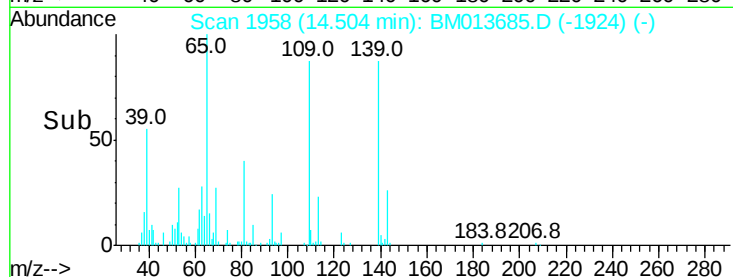
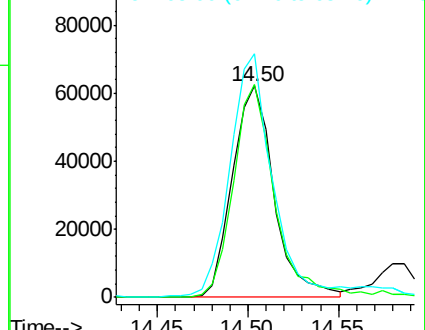
109 100

139 100.6 80.0 120.0

65 115.2 120.0 180.0#



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: 20.039 ng/ul

RT: 14.66 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM013685.D

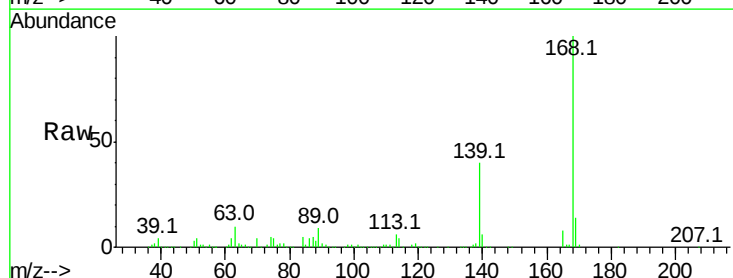
Acq: 22 Jan 2018 09:36

Tgt Ion:168 Resp: 804900

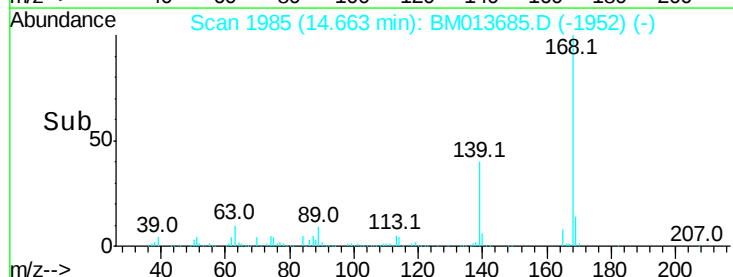
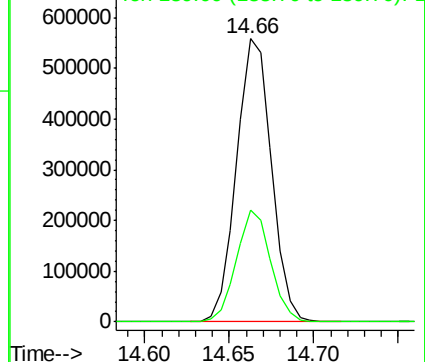
Ion Ratio Lower Upper

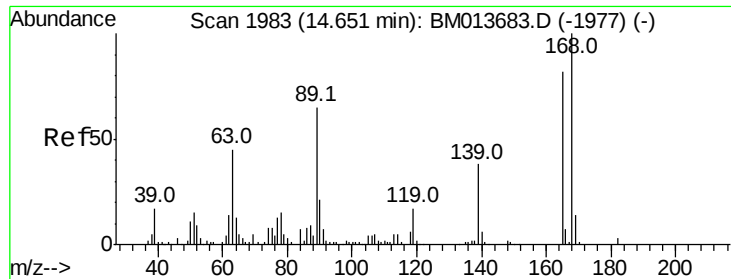
168 100

139 39.6 30.8 46.2



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

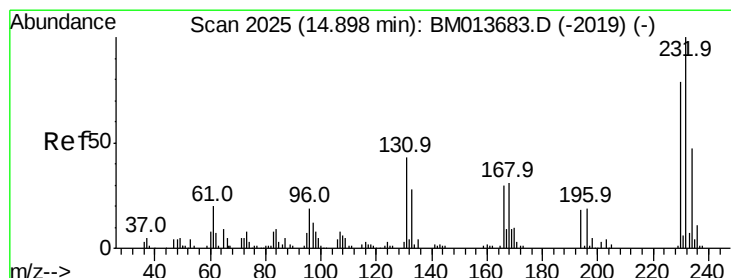
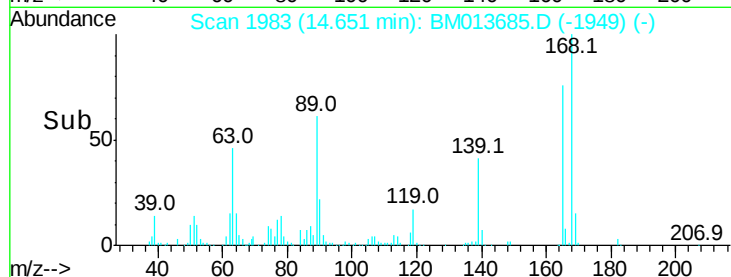
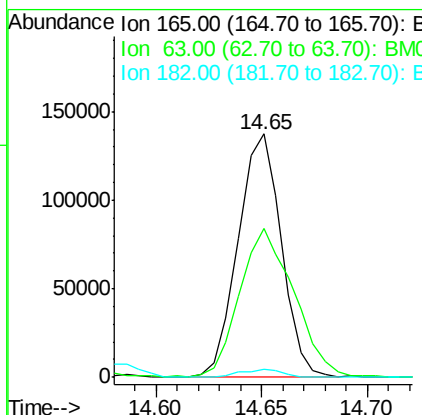
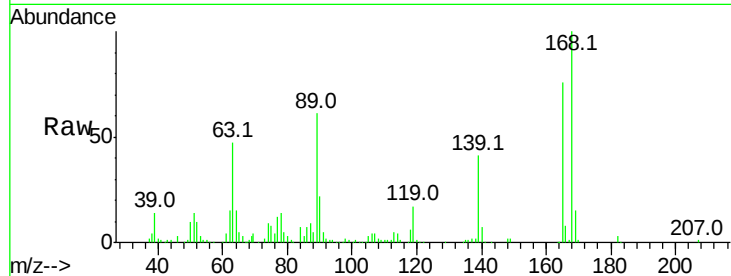




#54
 2,4-Dinitrotoluene
 Concen: 21.286 ng/ul
 RT: 14.65 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

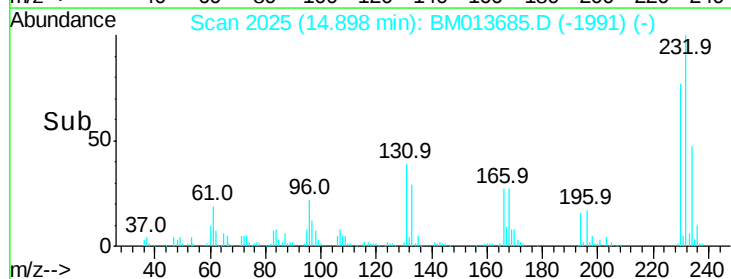
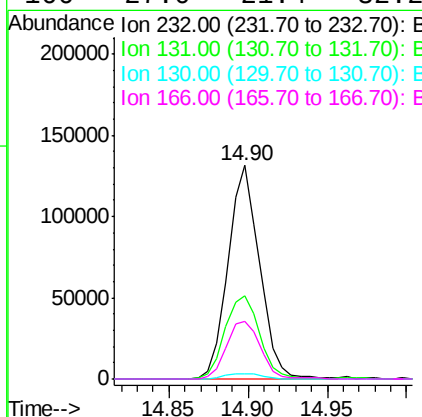
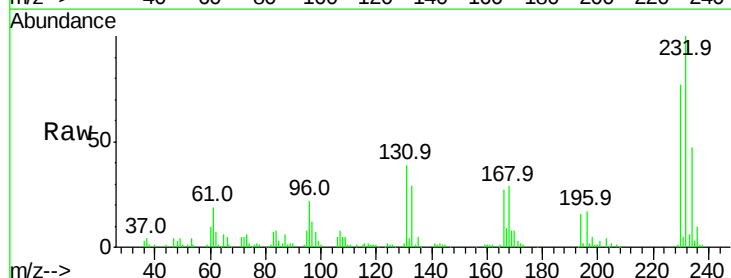
Instrument :
 BNA_M
 ClientSampleId :

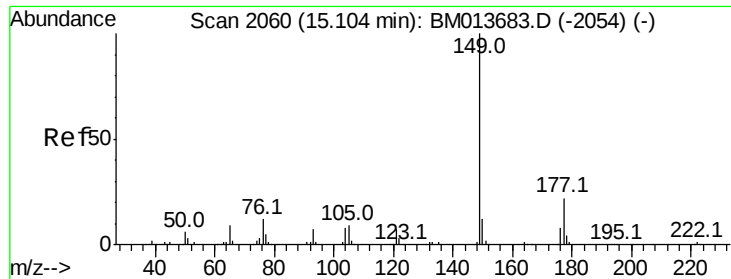
Tot Ion:165 Resp: 195341
 Ion Ratio Lower Upper
 165 100
 63 61.1 45.8 68.8
 182 3.4 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 21.486 ng/ul
 RT: 14.90 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

Tgt Ion:232 Resp: 180817
 Ion Ratio Lower Upper
 232 100
 131 38.8 29.0 43.4
 130 2.4 2.0 3.0
 166 27.0 21.4 32.2

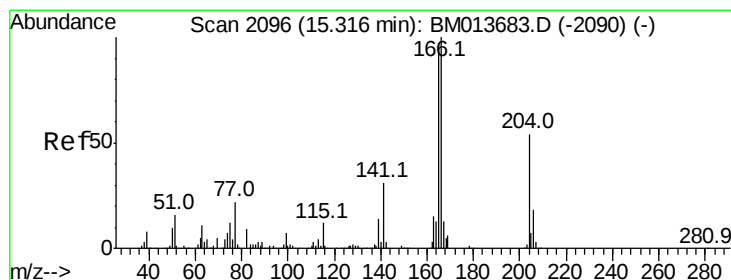
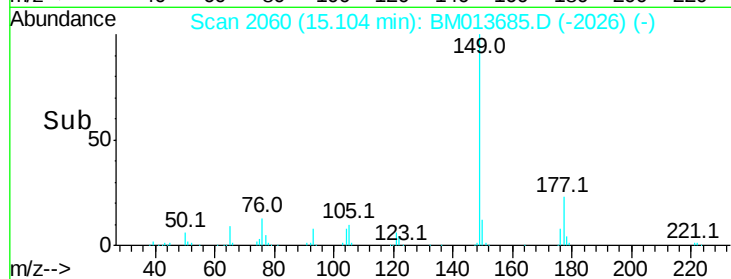
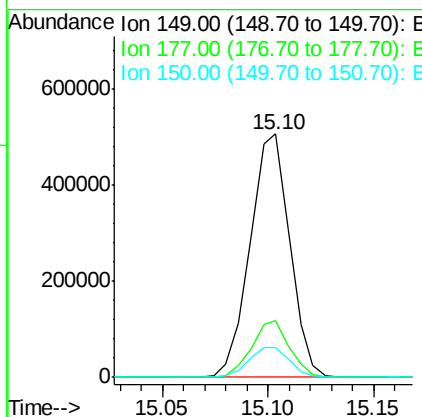
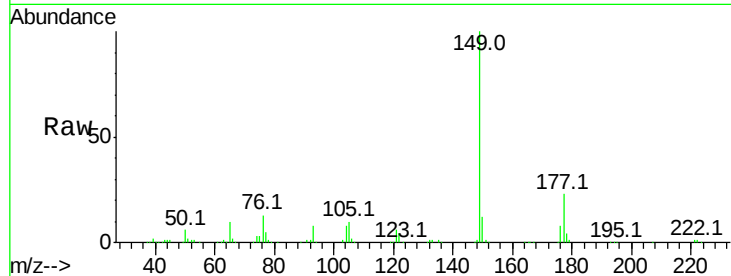




#56
Diethylphthalate
Concen: 20.307 ng/ul
RT: 15.10 min Scan# 2060
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

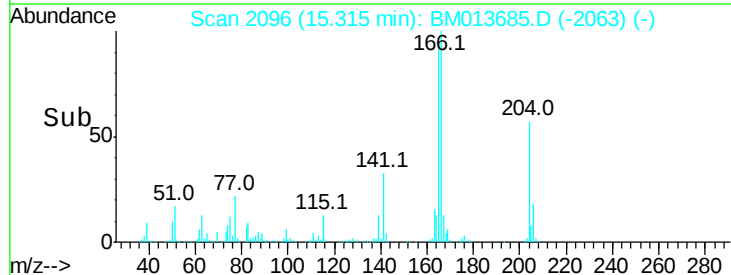
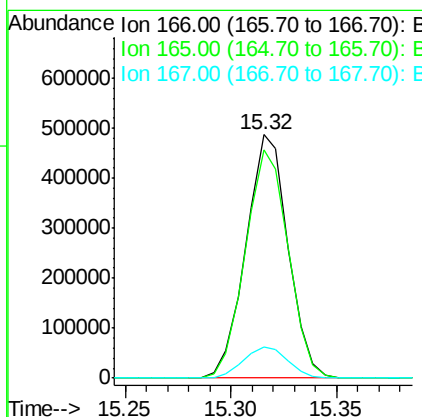
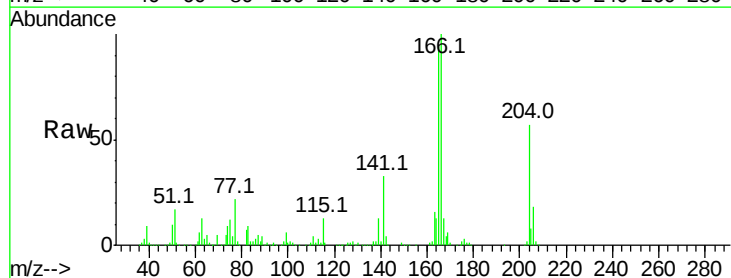
Instrument :
BNA_M
ClientSampleId :

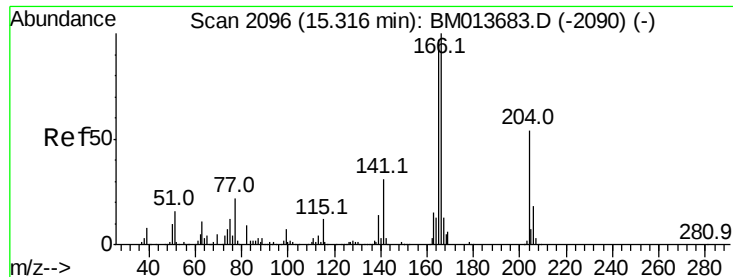
Tot Ion:149 Resp: 663911
Ion Ratio Lower Upper
149 100
177 23.3 20.5 30.7
150 12.2 10.6 15.8



#58
Fluorene
Concen: 20.477 ng/ul
RT: 15.32 min Scan# 2096
Delta R.T. -0.01 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion:166 Resp: 673751
Ion Ratio Lower Upper
166 100
165 93.6 77.9 116.9
167 13.0 10.6 16.0

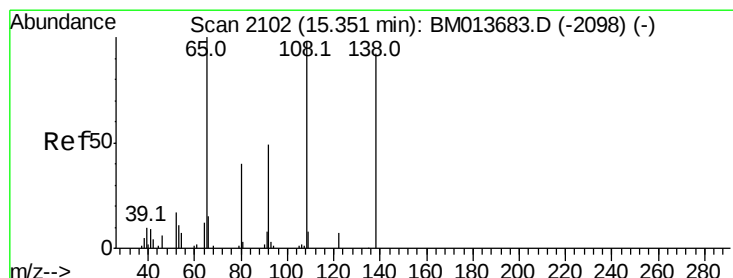
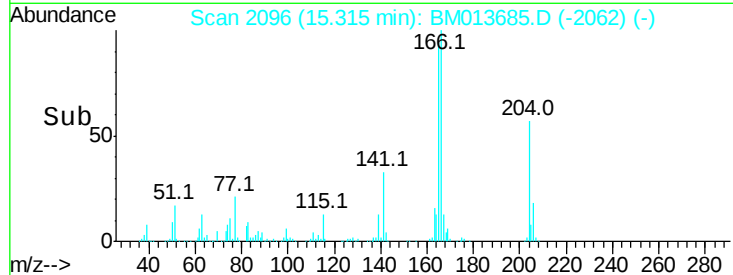
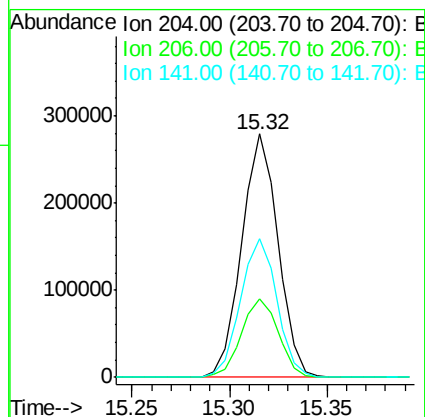
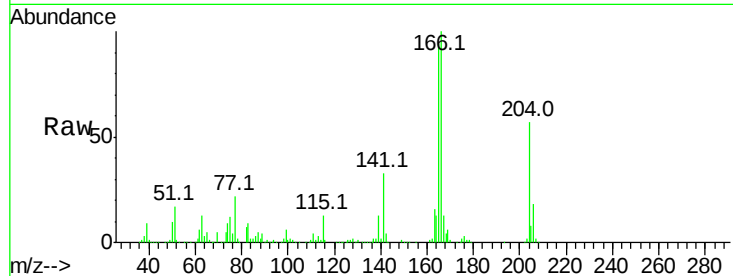




#59
 4-Chlorophenyl-phenylether
 Concen: 20.326 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

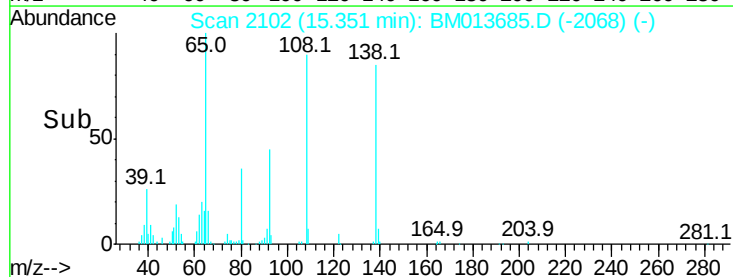
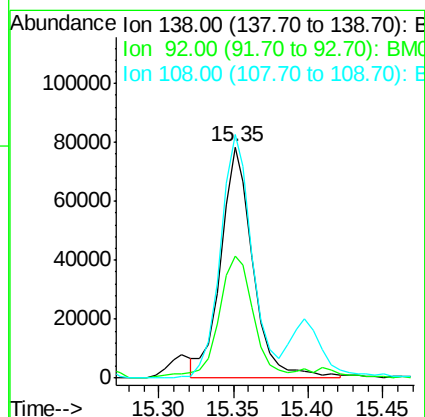
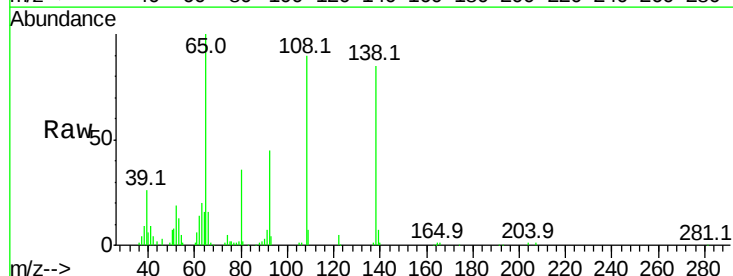
Instrument :
 BNA_M
 ClientSampleId :

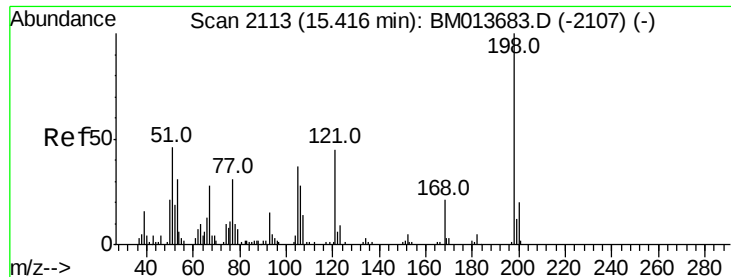
Tot Ion:	204	Resp:	361361
Ion	Ratio	Lower	Upper
204	100		
206	32.2	24.8	37.2
141	56.9	44.3	66.5



#60
 4-Nitroaniline
 Concen: 20.515 ng/ul
 RT: 15.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

Tgt Ion:	138	Resp:	118845
Ion	Ratio	Lower	Upper
138	100		
92	52.6	40.0	60.0
108	105.4	80.0	120.0

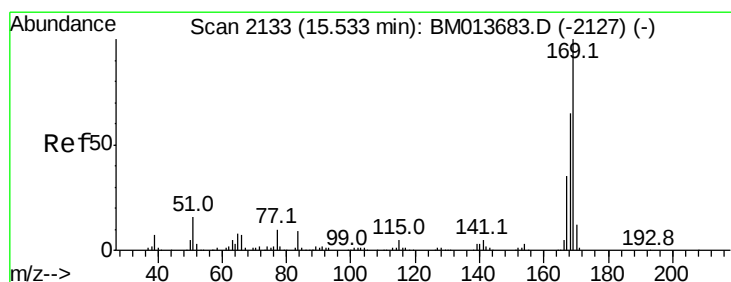
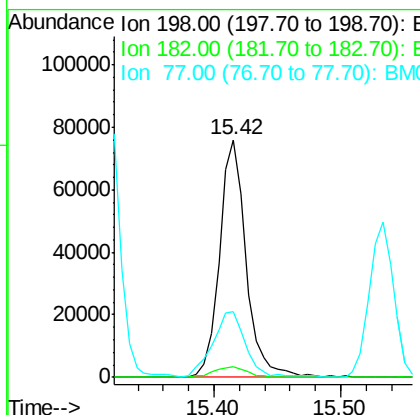
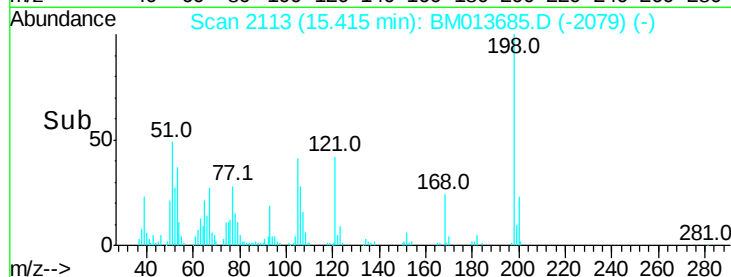
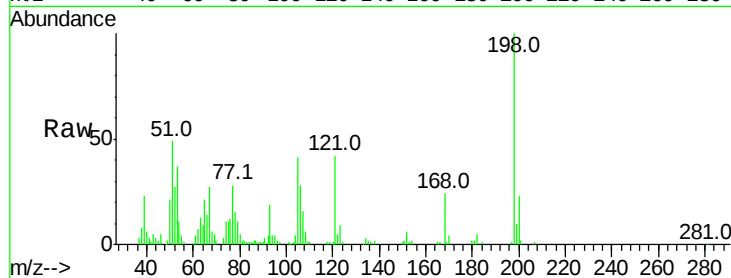




#63
4,6-Dinitro-2-methylphenol
Concen: 18.241 ng/ul
RT: 15.42 min Scan# 2113
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

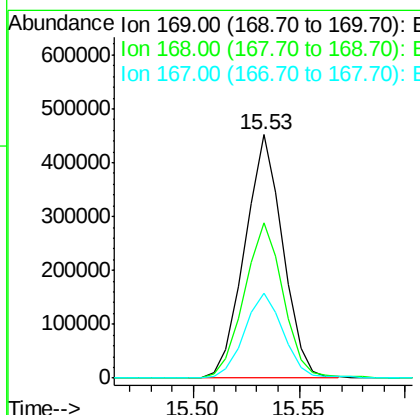
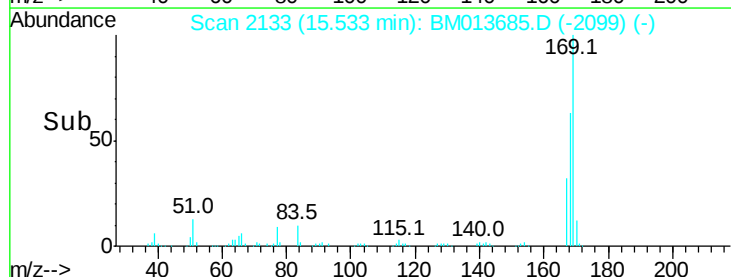
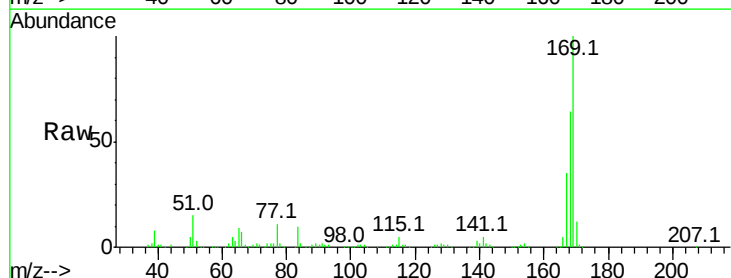
Instrument :
BNA_M
ClientSampleId :

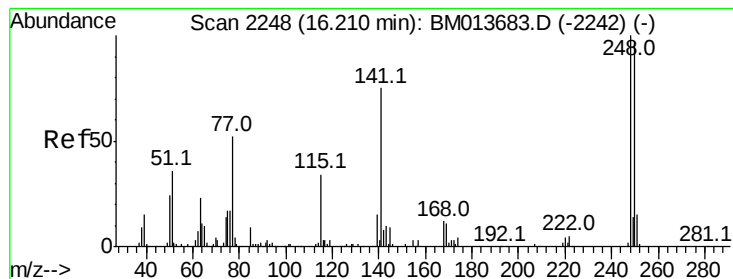
Tot Ion:198 Resp: 110499
Ion Ratio Lower Upper
198 100
182 4.6 3.8 5.6
77 27.6 25.2 37.8



#64
N-Nitrosodiphenylamine
Concen: 20.174 ng/ul
RT: 15.53 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion:169 Resp: 565722
Ion Ratio Lower Upper
169 100
168 64.0 54.0 81.0
167 34.9 29.1 43.7





#65

4-Bromophenyl-phenylether

Concen: 20.213 ng/ul

RT: 16.21 min Scan# 2248

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

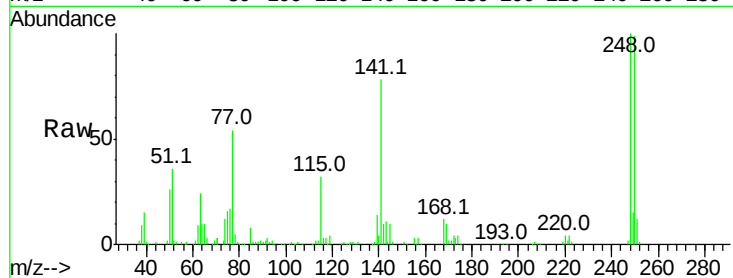
Tot Ion:248 Resp: 227622

Ion Ratio Lower Upper

248 100

250 99.5 80.5 120.7

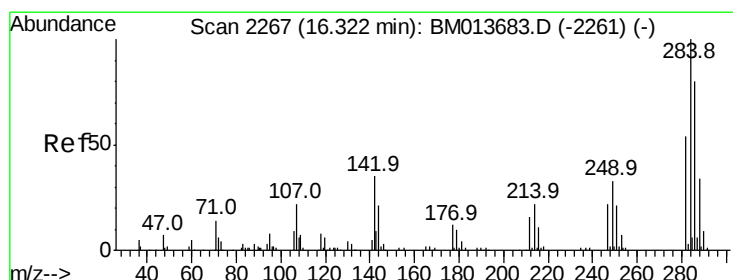
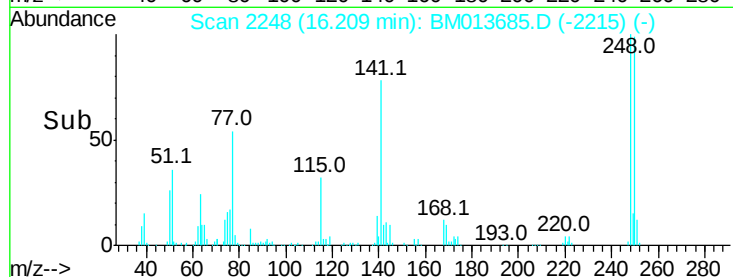
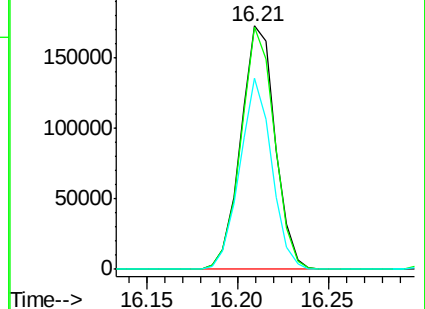
141 78.4 53.6 80.4



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: 20.272 ng/ul

RT: 16.32 min Scan# 2267

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

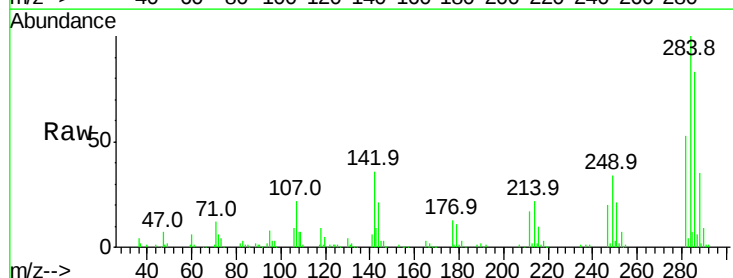
Tgt Ion:284 Resp: 245738

Ion Ratio Lower Upper

284 100

142 35.9 21.2 31.8#

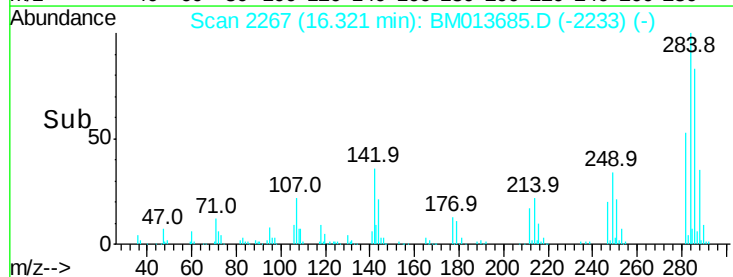
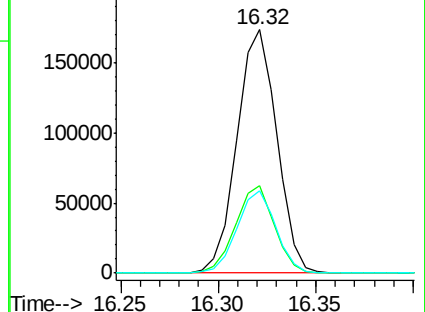
249 33.7 24.5 36.7

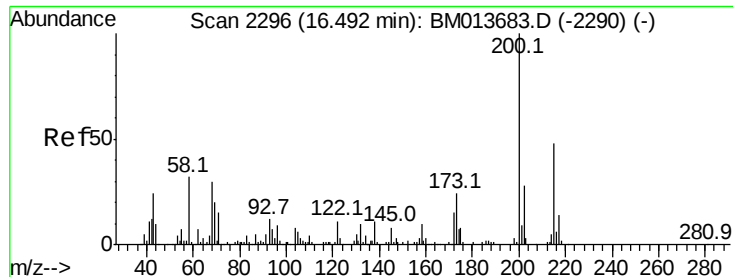


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

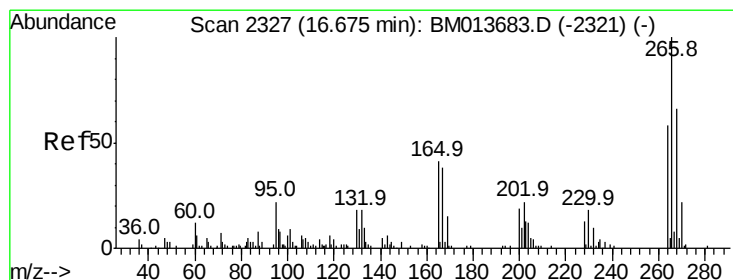
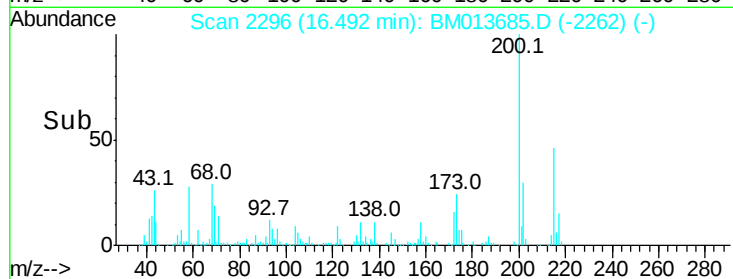
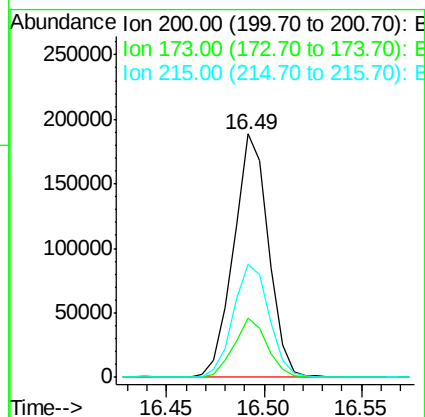
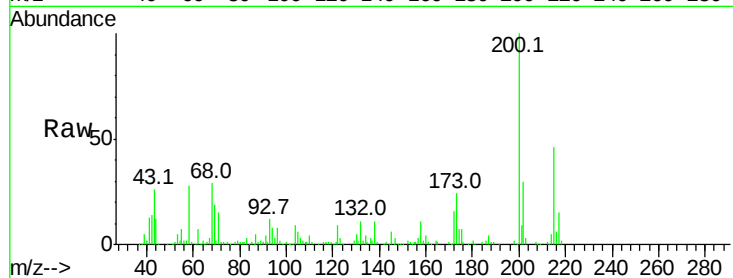




#67
 Atrazine
 Concen: 20.816 ng/ul
 RT: 16.49 min Scan# 2296
 Delta R.T. -0.00 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

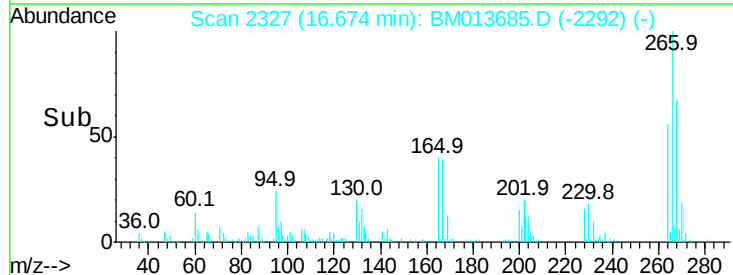
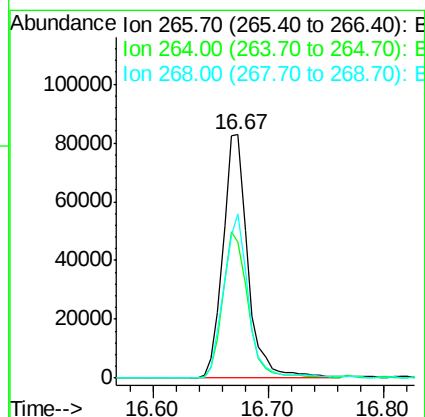
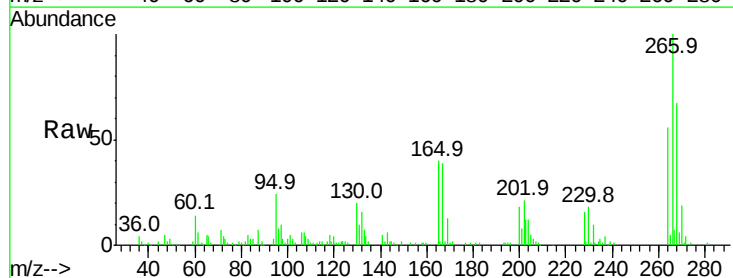
Instrument :
 BNA_M
 ClientSampled :

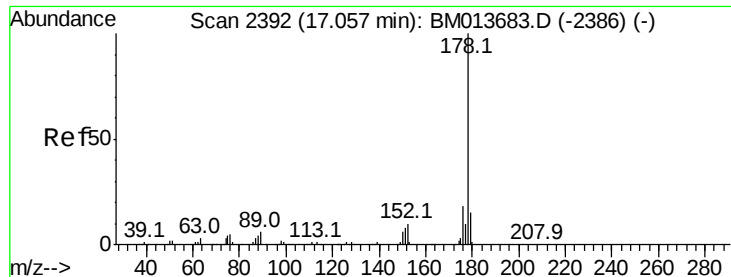
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.3	18.2	27.2
215	46.3	35.0	52.4



#68
 Pentachlorophenol
 Concen: 19.333 ng/ul
 RT: 16.67 min Scan# 2327
 Delta R.T. 0.01 min
 Lab File: BM013685.D
 Acq: 22 Jan 2018 09:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	56.0	49.3	73.9
268	67.2	52.6	78.8





#69

Phenanthrene

Concen: 20.393 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampled :

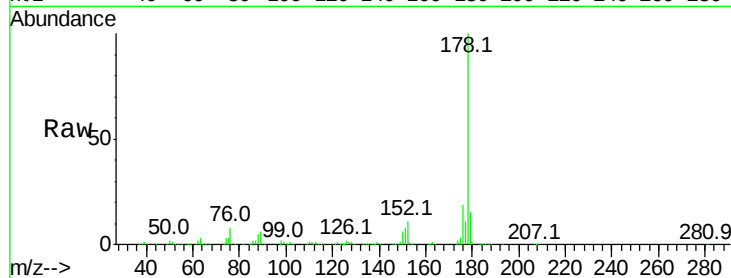
Tot Ion:178 Resp: 1080805

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

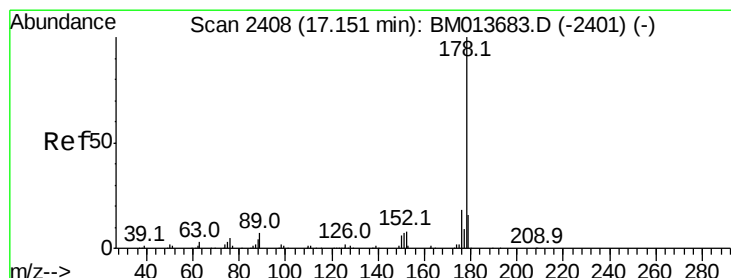
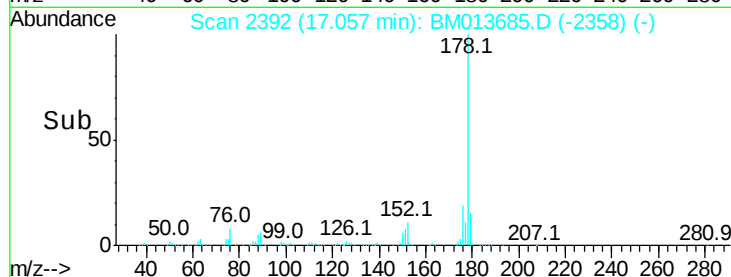
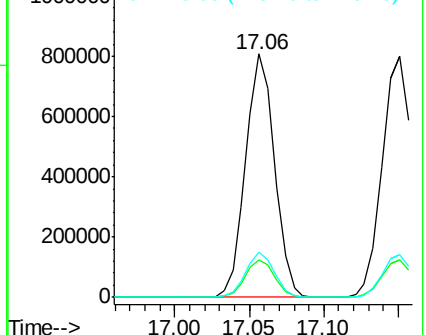
176 18.5 14.9 22.3



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: 20.214 ng/ul

RT: 17.15 min Scan# 2408

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

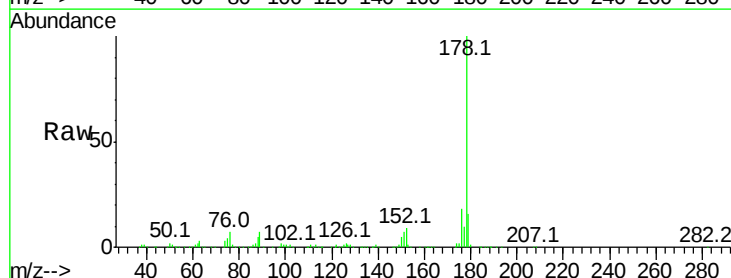
Tgt Ion:178 Resp: 1105007

Ion Ratio Lower Upper

178 100

179 15.7 11.7 17.5

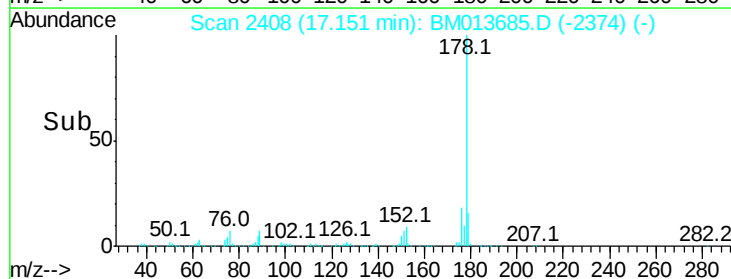
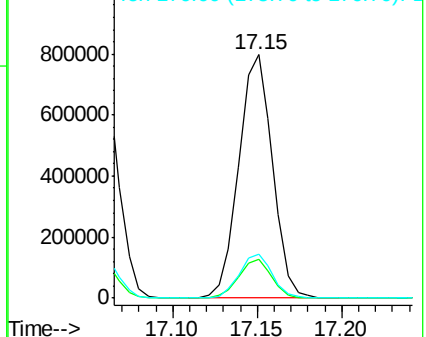
176 17.9 14.6 21.8

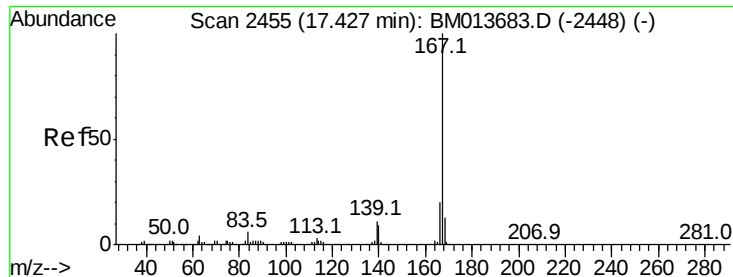


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.231 ng/ul

RT: 17.43 min Scan# 2455

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

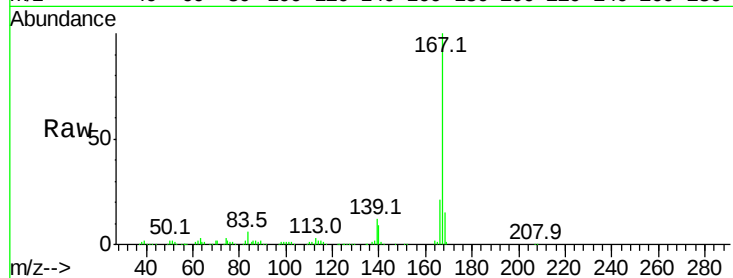
Tot Ion:167 Resp: 912924

Ion Ratio Lower Upper

167 100

166 20.9 17.1 25.7

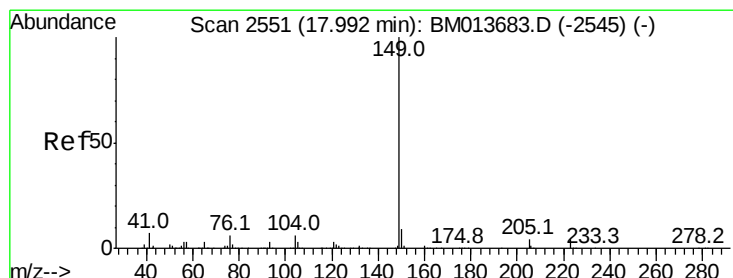
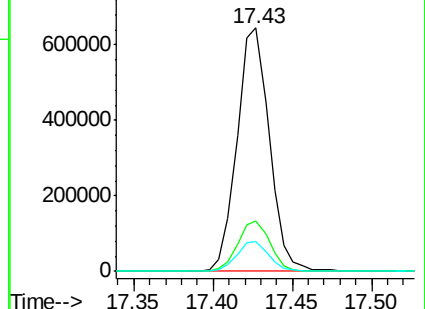
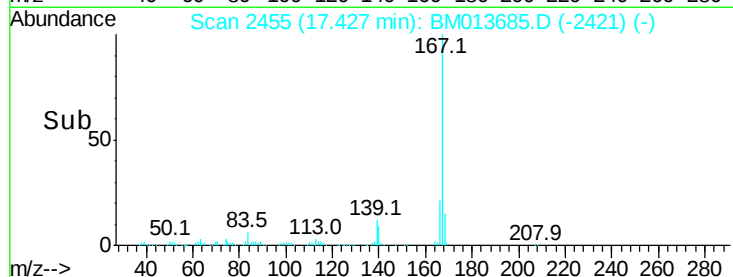
139 12.5 10.0 15.0



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: 21.262 ng/ul

RT: 17.99 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

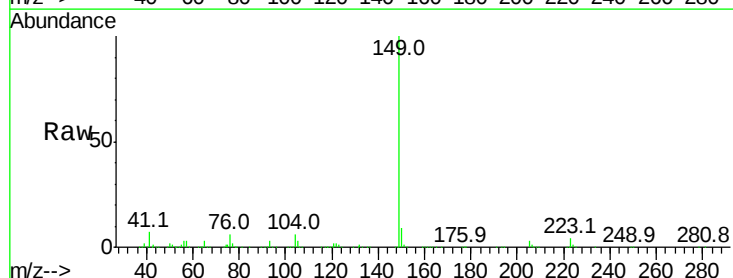
Tgt Ion:149 Resp: 1128369

Ion Ratio Lower Upper

149 100

150 8.9 7.1 10.7

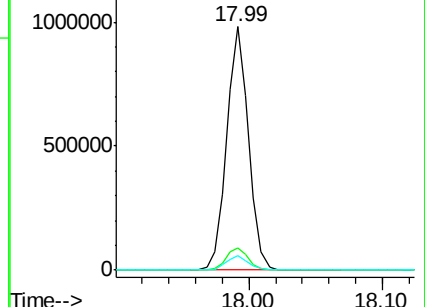
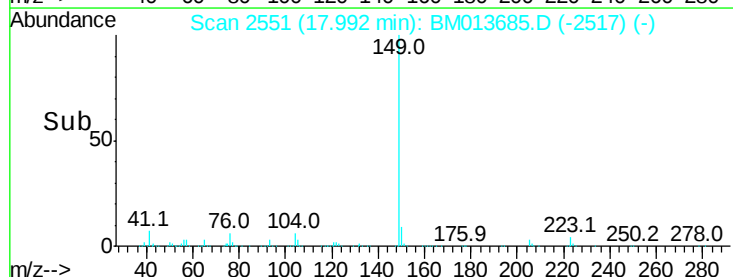
104 5.7 5.6 8.4

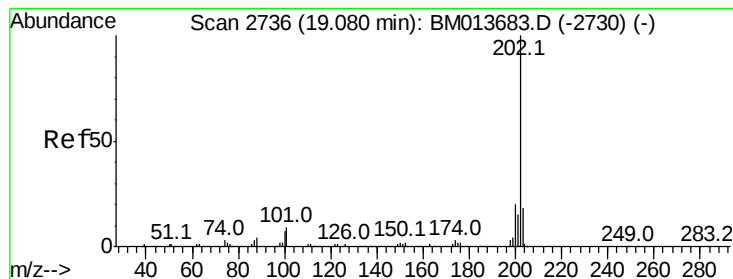


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.354 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

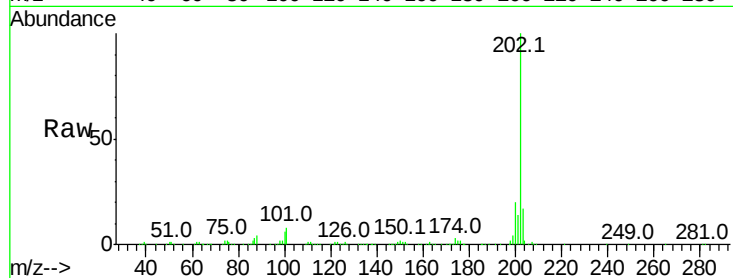
Tot Ion:202 Resp: 1287653

Ion Ratio Lower Upper

202 100

101 7.6 4.6 7.0#

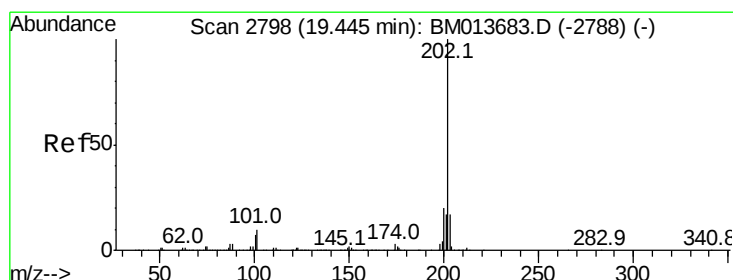
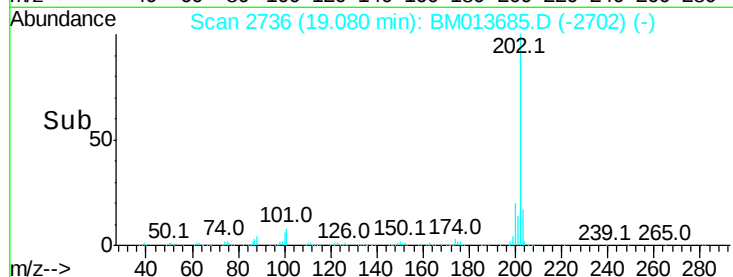
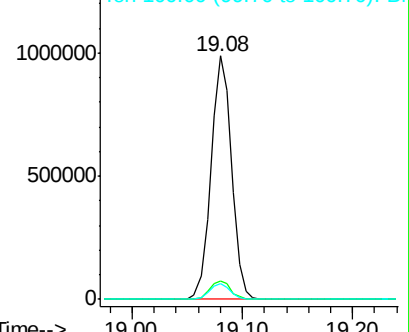
100 6.4 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 23.461 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

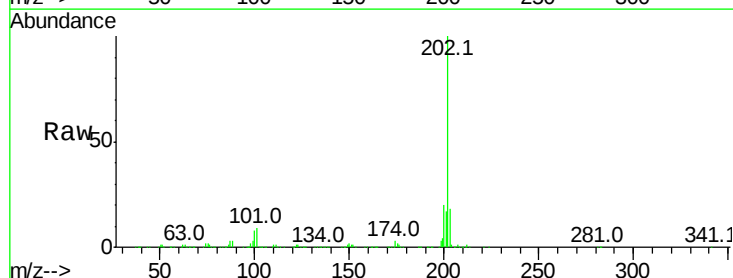
Tgt Ion:202 Resp: 1329628

Ion Ratio Lower Upper

202 100

101 9.3 5.1 7.7#

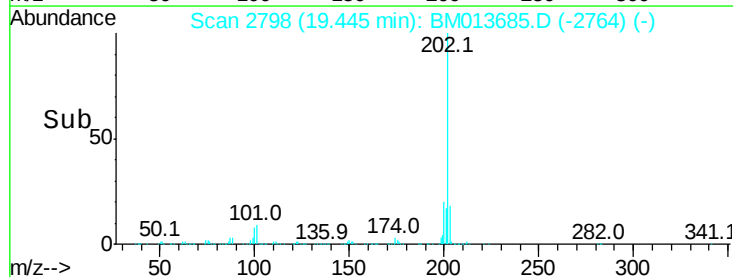
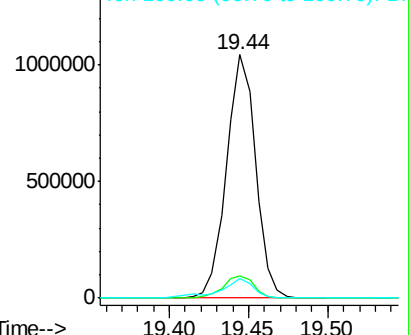
100 8.2 4.9 7.3#

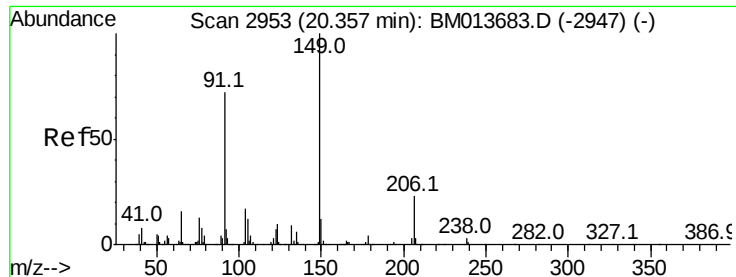


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

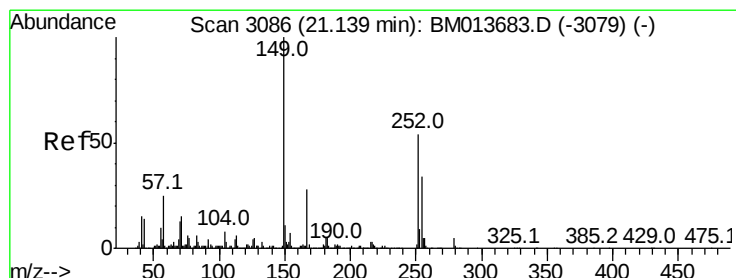
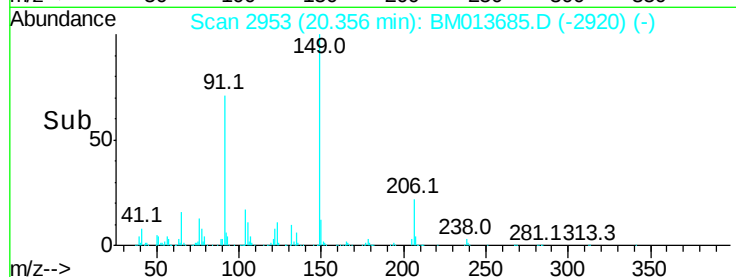
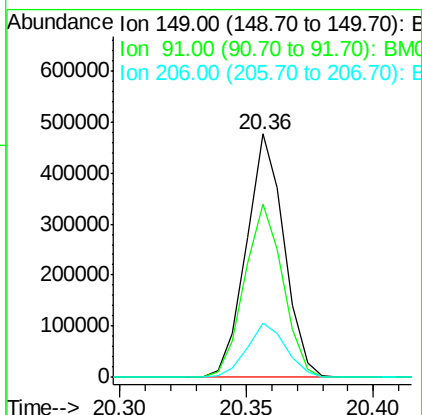
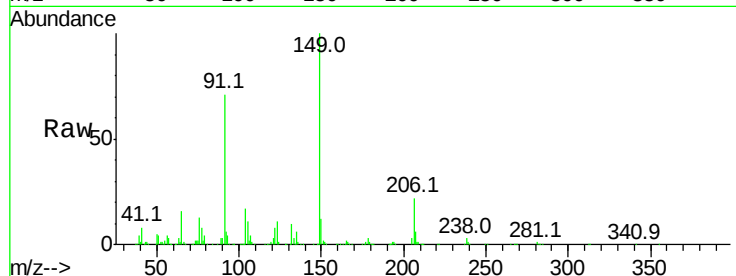




#78
Butylbenzylphthalate
Concen: 24.672 ng/ul
RT: 20.36 min Scan# 2953
Delta R.T. -0.01 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

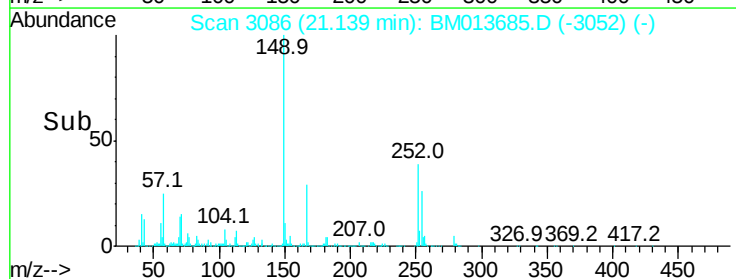
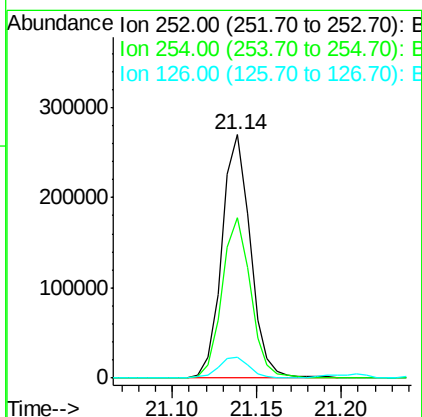
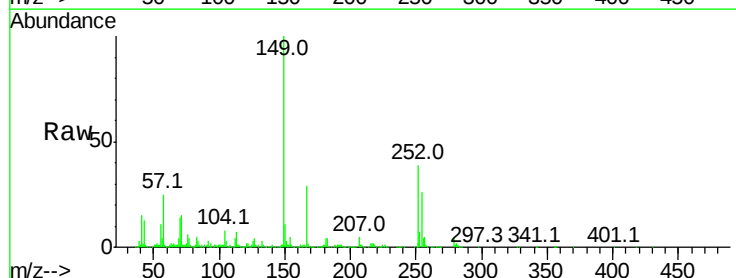
Instrument :
BNA_M
ClientSampleId :

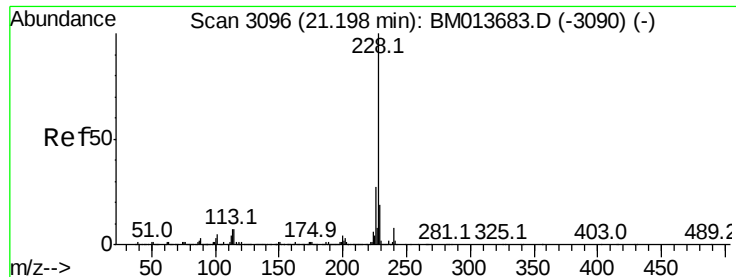
Tot Ion	Ratio	Lower	Upper
149	100		
91	71.2	62.7	94.1
206	22.1	20.8	31.2



#79
3,3'-Dichlorobenzidine
Concen: 20.450 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BM013685.D
Acq: 22 Jan 2018 09:36

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	54.5	81.7
126	8.5	5.8	8.8





#80

Benzo(a)anthracene

Concen: 21.166 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

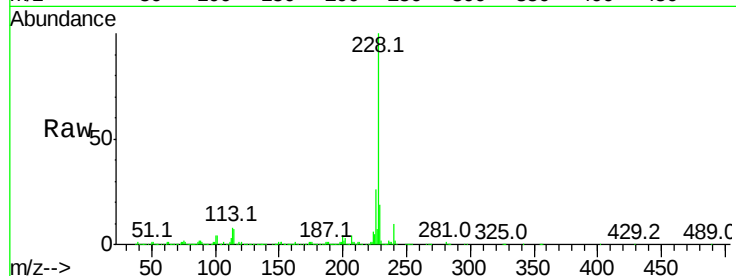
Tot Ion:228 Resp: 1192305

Ion Ratio Lower Upper

228 100

229 19.4 15.4 23.0

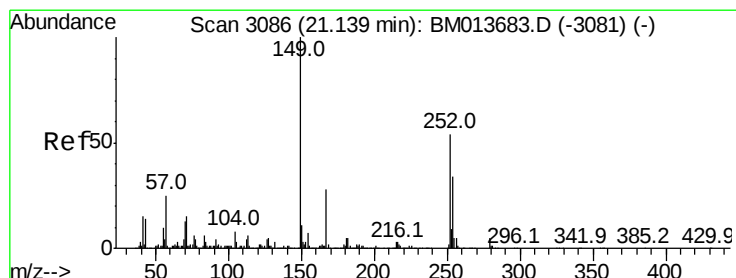
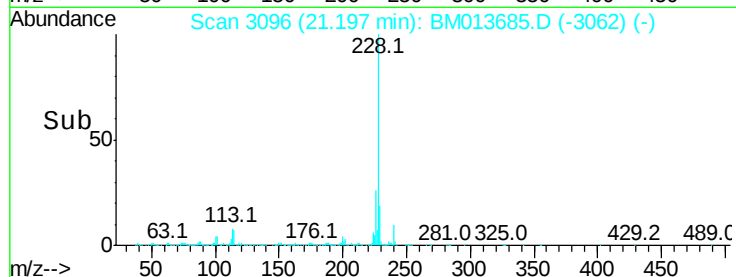
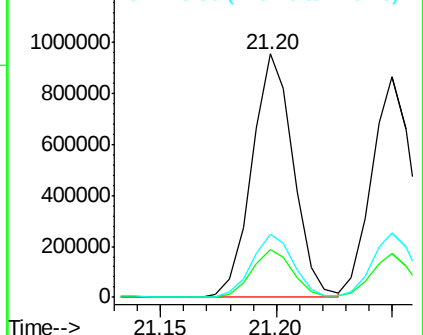
226 26.0 21.4 32.0



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: 23.715 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

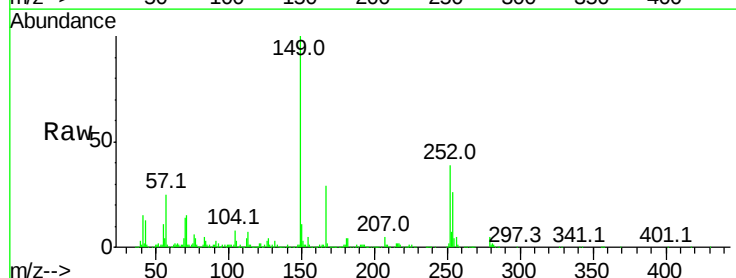
Tgt Ion:149 Resp: 710319

Ion Ratio Lower Upper

149 100

167 28.8 22.8 34.2

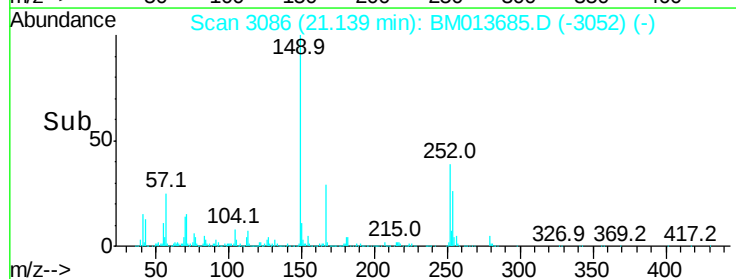
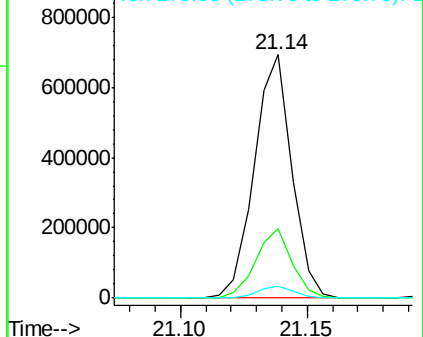
279 5.0 4.9 7.3

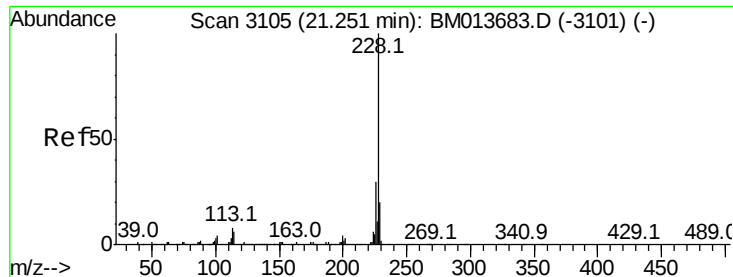


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.439 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

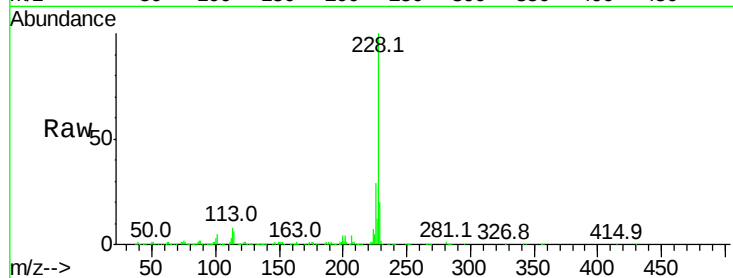
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 1056232

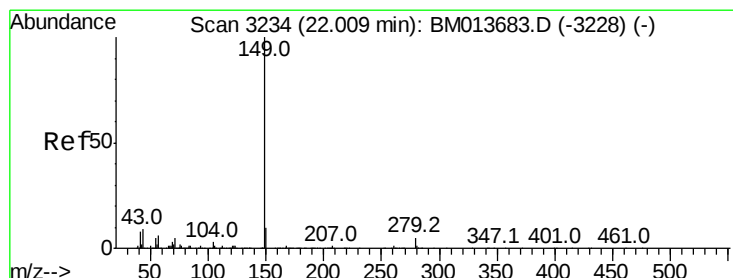
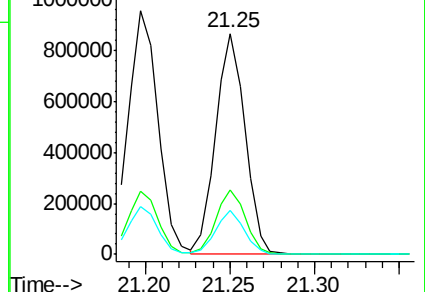
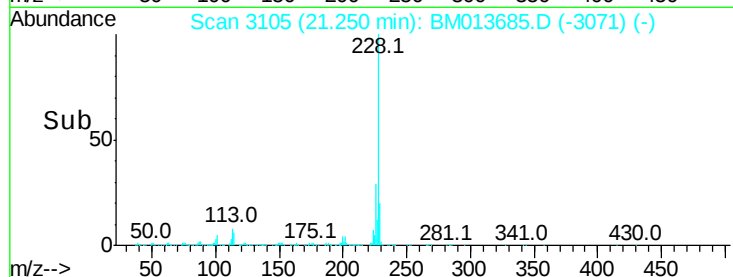
Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	20.1	15.5	23.3



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: 23.491 ng/ul

RT: 22.00 min Scan# 3233

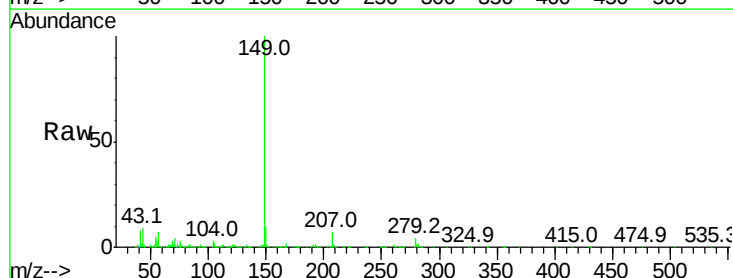
Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Tgt Ion:149 Resp: 1074505

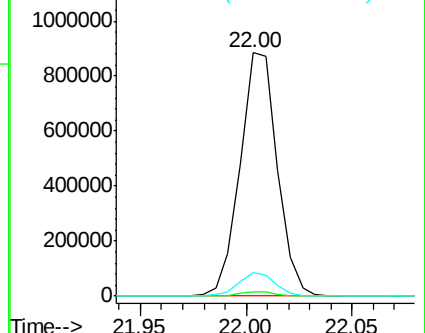
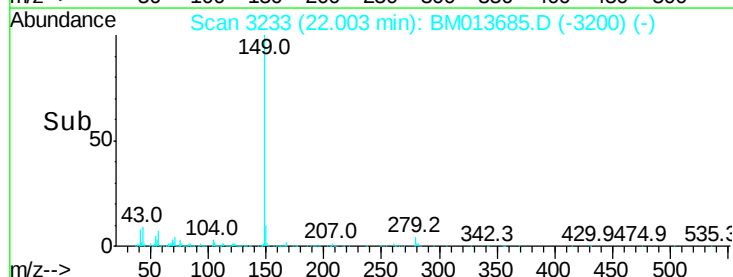
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.3	1.9
43	9.5	7.3	10.9

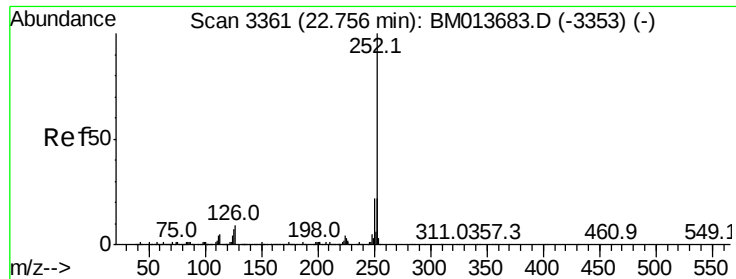


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 22.529 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

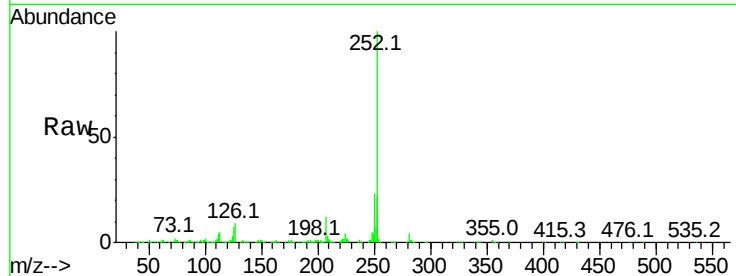
Tot Ion:252 Resp: 1050106

Ion Ratio Lower Upper

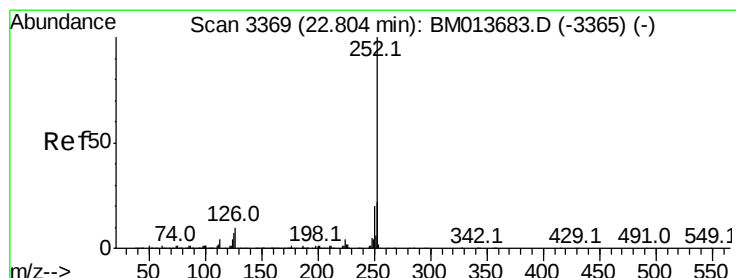
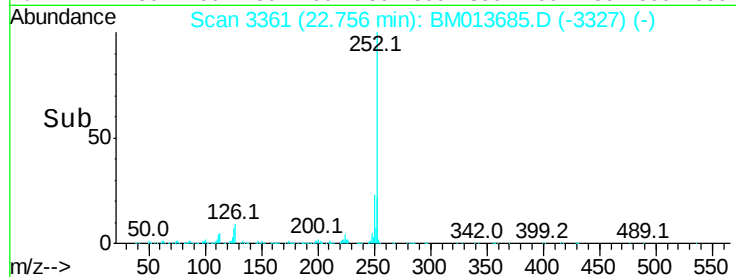
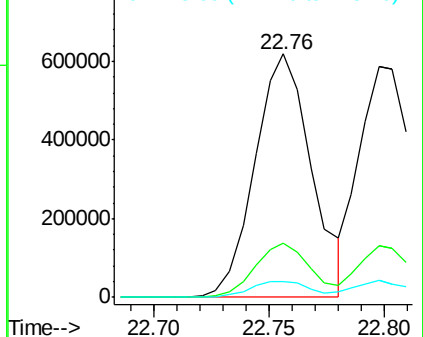
252 100

253 22.3 17.9 26.9

125 6.6 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 20.758 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

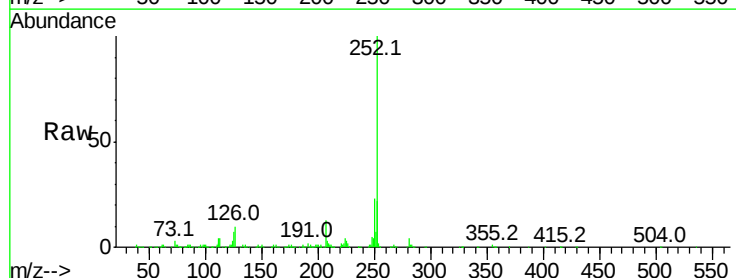
Tgt Ion:252 Resp: 935211

Ion Ratio Lower Upper

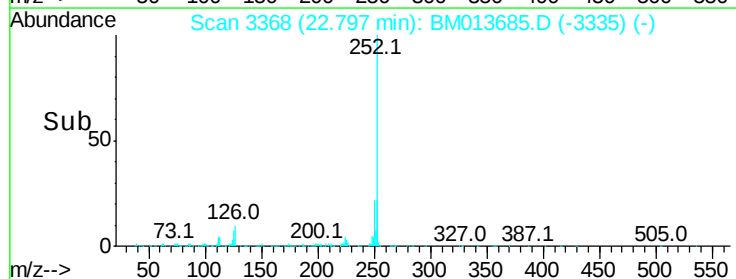
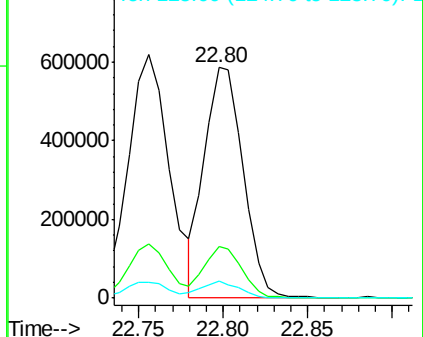
252 100

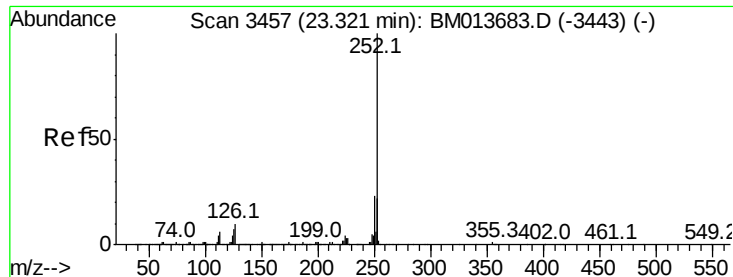
253 22.2 17.1 25.7

125 7.3 3.4 5.2#



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





#88

Benzo(a)pyrene

Concen: 20.896 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

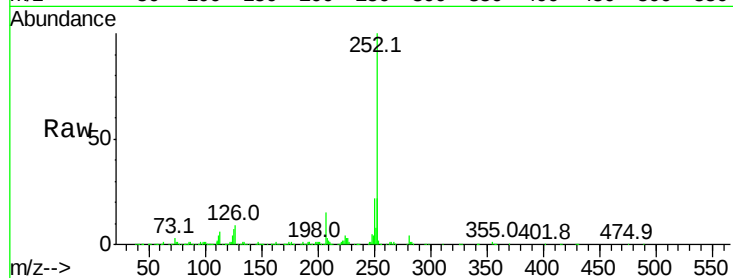
Tot Ion:252 Resp: 920134

Ion Ratio Lower Upper

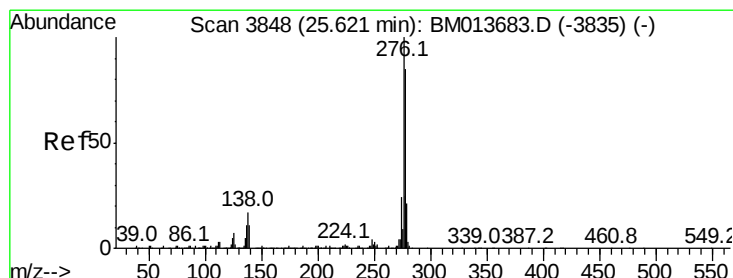
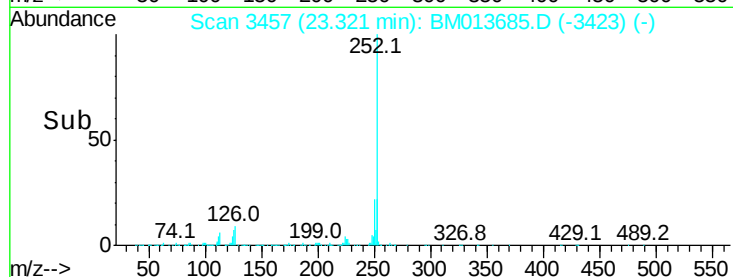
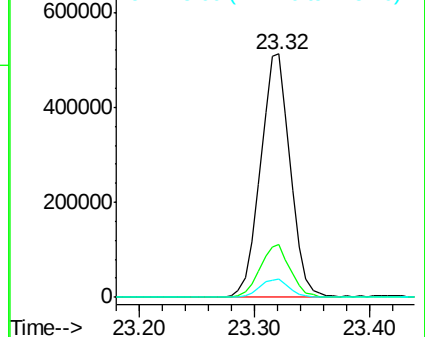
252 100

253 21.8 18.2 27.2

125 7.4 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: 18.814 ng/ul

RT: 25.61 min Scan# 3847

Delta R.T. -0.00 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

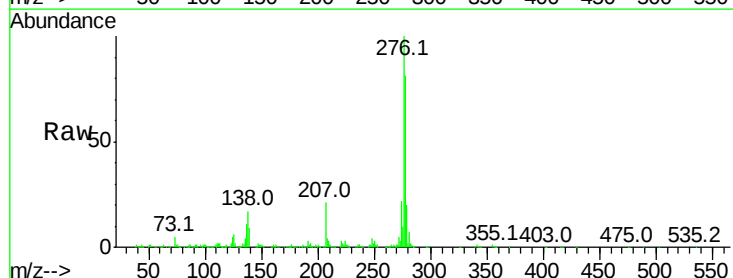
Tgt Ion:276 Resp: 977958

Ion Ratio Lower Upper

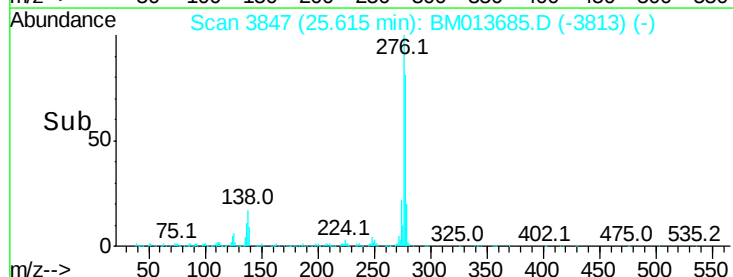
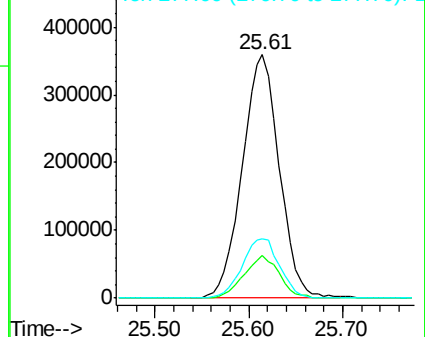
276 100

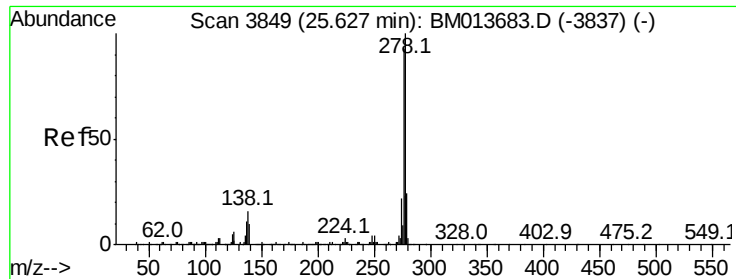
138 17.3 9.3 13.9#

277 24.1 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: 18.515 ng/ul

RT: 25.62 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

Instrument :

BNA_M

ClientSampleId :

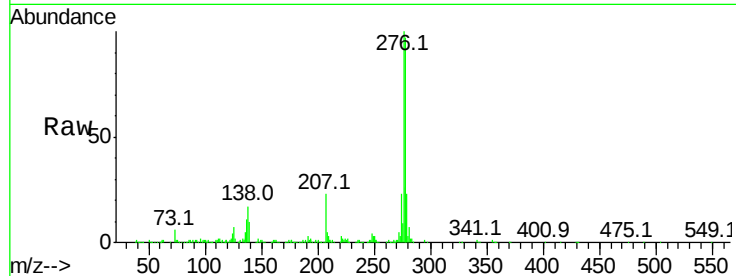
Tot Ion:278 Resp: 812709

Ion Ratio Lower Upper

278 100

139 10.6 5.8 8.8#

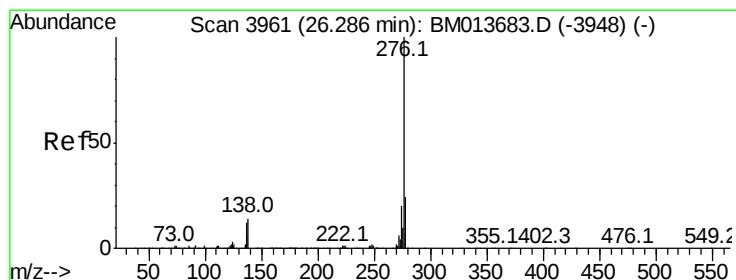
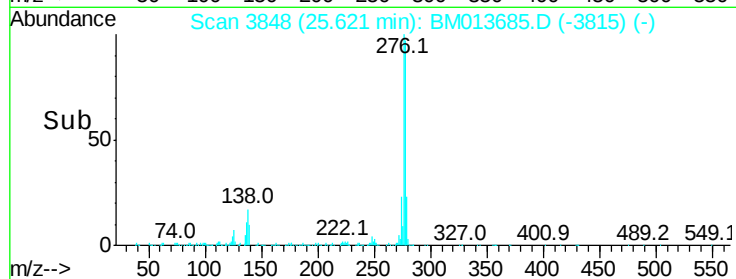
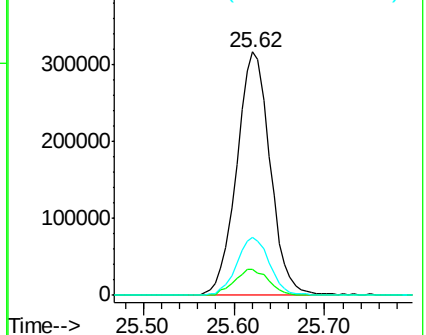
279 23.6 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 18.707 ng/ul

RT: 26.28 min Scan# 3960

Delta R.T. -0.01 min

Lab File: BM013685.D

Acq: 22 Jan 2018 09:36

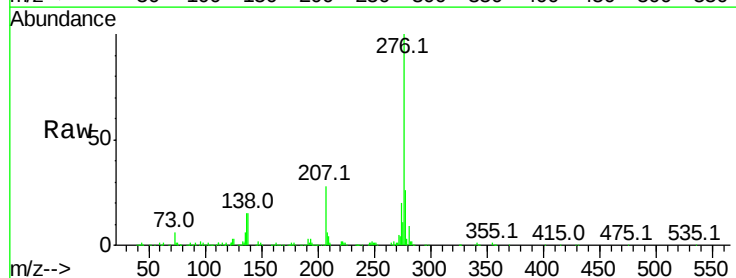
Tgt Ion:276 Resp: 800282

Ion Ratio Lower Upper

276 100

138 14.7 8.5 12.7#

277 25.7 18.6 28.0



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

