

Data Path : U:\HPCHEM1\BNA M\DATA\BM010418\
 Data File : BM013557.D
 Acq On : 04 Jan 2018 13:36
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 04 16:02:55 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 04 16:01:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	166089	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	674813	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	368508	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	762885	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	739856	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	722581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	28661	8.55	ng/uL	0.00
5) Phenol-d5	6.85	99	269213	18.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	163119	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	222074	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	221254	18.02	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	108900	20.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	117626	20.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	234348	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	252453	23.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	631839	19.27	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	849583	20.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	83228	14.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	546630	19.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	77769	16.20	ng/ul	0.00
70) Anthracene-d10	17.16	188	793971	20.78	ng/ul	0.00
76) Pyrene-d10	19.46	212	776862	21.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.33	264	736039	20.00	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.25	88	30107	7.997	ng/uL#	66
4) Benzaldehyde	6.82	77	147918	20.803	ng/ul	92
6) Phenol	6.87	94	270330	19.030	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.10	93	210386	19.370	ng/ul	98
10) 2-Chlorophenol	7.23	128	218168	19.814	ng/ul	99
11) 2-Methylphenol	8.11	108	198064	18.027	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	232409	20.379	ng/ul#	81
14) Acetophenone	8.48	105	339425	18.181	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.47	70	173636	18.464	ng/ul#	67
16) 4-Methylphenol	8.43	108	215994	18.384	ng/ul	94
17) Hexachloroethane	8.72	117	98163	20.477	ng/ul#	76
20) Nitrobenzene	8.86	77	267978	19.879	ng/ul	94
21) Isophorone	9.38	82	457977	19.307	ng/ul#	96
23) 2-Nitrophenol	9.56	139	120345	20.268	ng/ul#	83
24) 2,4-Dimethylphenol	9.63	107	250698	19.358	ng/ul	88
25) Bis(2-Chloroethoxy)methane	9.86	93	277610	19.997	ng/ul	95
27) 2,4-Dichlorophenol	10.10	162	211926	19.439	ng/ul	93
28) Naphthalene	10.49	128	696456	20.060	ng/ul	99
30) 4-Chloroaniline	10.60	127	238881	22.746	ng/ul	92
31) Hexachlorobutadiene	10.77	225	158653	20.091	ng/ul	95
32) Caprolactam	11.39	113	52466	15.058	ng/ul#	40
33) 4-Chloro-3-methylphenol	11.74	107	209844	17.546	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	501869	19.230	ng/ul	93

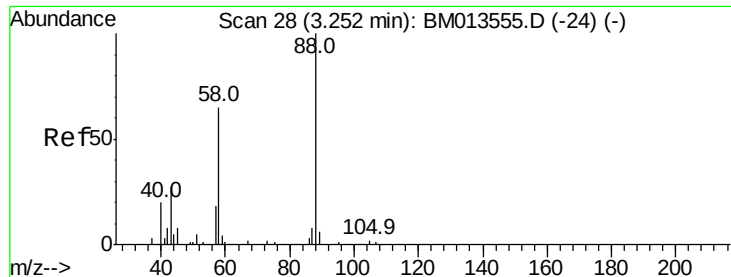
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	292892	22.027	ng/ul	97
37) Hexachlorocyclopentadiene	12.45	237	197794	22.600	ng/ul	97
38) 2,4,6-Trichlorophenol	12.73	196	173382	20.915	ng/ul	91
39) 2,4,5-Trichlorophenol	12.81	196	181645	20.628	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	655844	21.058	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	517261	21.170	ng/ul	98
42) 2-Nitroaniline	13.39	65	140315	19.601	ng/ul	99
44) Dimethylphthalate	13.77	163	592941	18.905	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	124271	19.427	ng/ul	98
47) Acenaphthylene	14.03	152	777552	20.763	ng/ul	99
48) 3-Nitroaniline	14.23	138	109033	19.069	ng/ul	89
49) Acenaphthene	14.37	153	524136	20.546	ng/ul	97
50) 2,4-Dinitrophenol	14.44	184	50264	14.199	ng/ul#	89
52) 4-Nitrophenol	14.54	109	85951	15.377	ng/ul	83
53) Dibenzofuran	14.71	168	755393	20.058	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	165022	17.734	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	151366	18.748	ng/ul	92
56) Diethylphthalate	15.14	149	587831	18.687	ng/ul	94
58) Fluorene	15.36	166	601667	19.312	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.36	204	326573	19.313	ng/ul	97
60) 4-Nitroaniline	15.39	138	104467	15.486	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	81058	16.902	ng/ul	95
64) N-Nitrosodiphenylamine	15.57	169	491091	21.853	ng/ul	97
65) 4-Bromophenyl-phenylether	16.25	248	193878	21.619	ng/ul	90
66) Hexachlorobenzene	16.36	284	209382	21.171	ng/ul#	91
67) Atrazine	16.53	200	171244	20.645	ng/ul	96
68) Pentachlorophenol	16.72	266	100589	17.585	ng/ul	97
69) Phenanthrene	17.10	178	906009	20.904	ng/ul	97
71) Anthracene	17.19	178	907093	20.475	ng/ul	99
72) Carbazole	17.47	167	720341	18.904	ng/ul	98
73) Di-n-butylphthalate	18.03	149	866243	19.473	ng/ul	98
74) Fluoranthene	19.12	202	948995	17.867	ng/ul#	92
77) Pyrene	19.49	202	970704	21.596	ng/ul#	90
78) Butylbenzylphthalate	20.40	149	362993	20.669	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.18	252	294534	18.938	ng/ul#	93
80) Benzo(a)anthracene	21.24	228	933373	19.884	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.17	149	514790	19.447	ng/ul	97
82) Chrysene	21.29	228	891501	20.471	ng/ul	98
84) Di-n-octyl phthalate	22.05	149	857778	16.694	ng/ul	98
85) Benzo(b)fluoranthene	22.81	252	927823	19.048	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	888171	19.376	ng/ul#	98
88) Benzo(a)pyrene	23.38	252	887749	20.288	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1049034	24.162	ng/ul#	93
90) Dibenzo(a,h)anthracene	25.71	278	882858	23.881	ng/ul#	96
91) Benzo(g,h,i)perylene	26.39	276	873433	25.505	ng/ul#	95

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



#2

1,4-Dioxane

Concen: 7.997 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

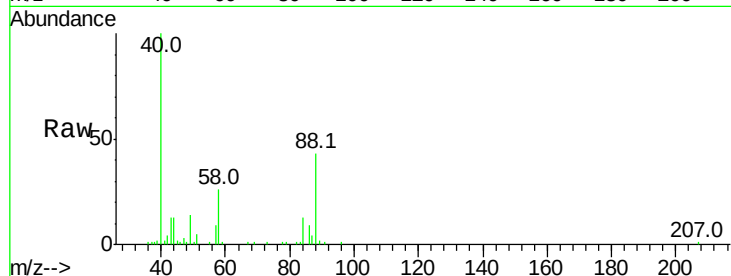
Tot Ion: 88 Resp: 30107

Ion Ratio Lower Upper

88 100

43 30.7 48.0 72.0#

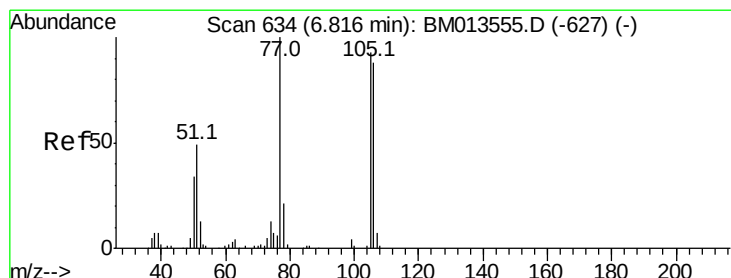
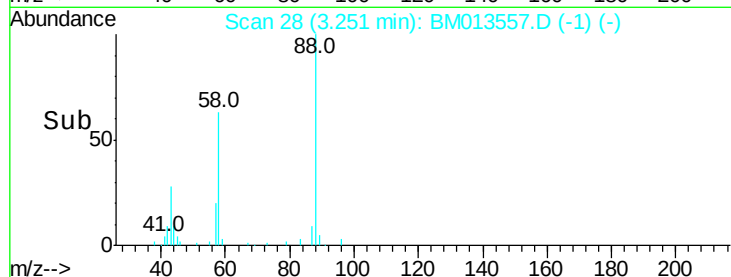
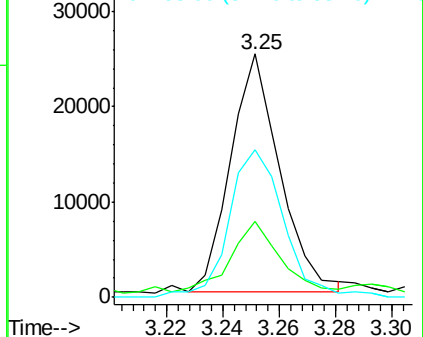
58 68.2 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013557.D (-24) (-)

Ion 43.00 (42.70 to 43.70): BM013557.D (-24) (-)

Ion 58.00 (57.70 to 58.70): BM013557.D (-24) (-)



#4

Benzaldehyde

Concen: 20.803 ng/uL

RT: 6.82 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

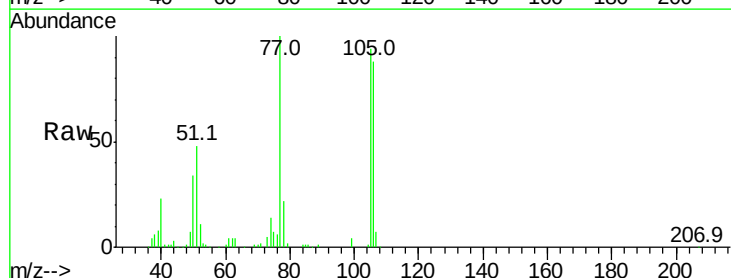
Tgt Ion: 77 Resp: 147918

Ion Ratio Lower Upper

77 100

105 94.2 66.1 99.1

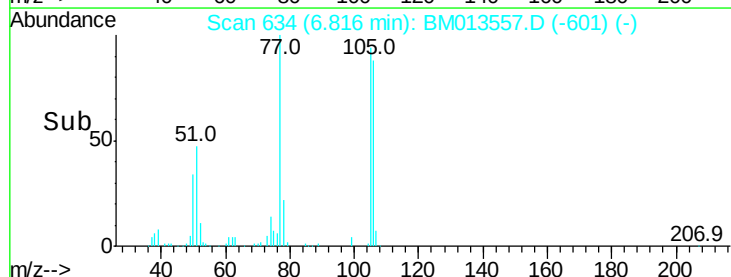
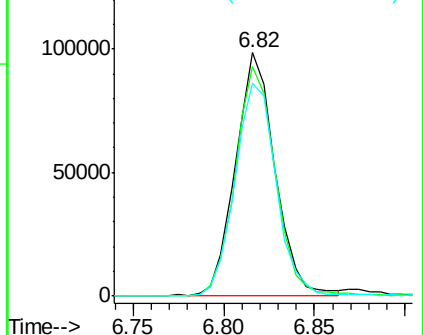
106 87.7 67.8 101.6

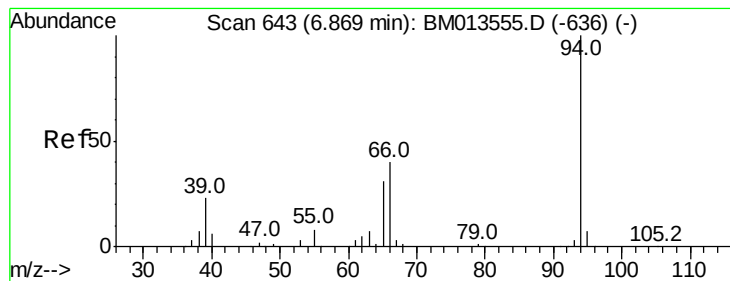


Abundance Ion 77.00 (76.70 to 77.70): BM013557.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM013557.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM013557.D (-627) (-)





#6

Phenol

Concen: 19.030 ng/ul

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

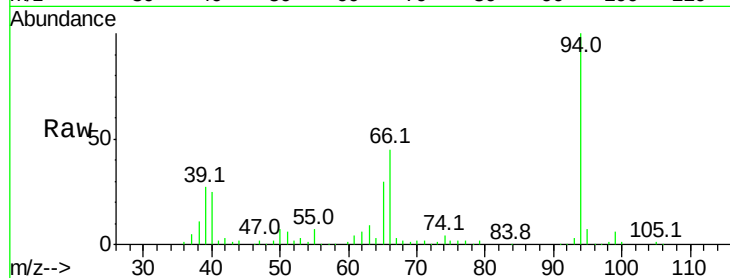
Tot Ion: 94 Resp: 270330

Ion Ratio Lower Upper

94 100

65 30.4 28.2 42.4

66 44.9 47.2 70.8#

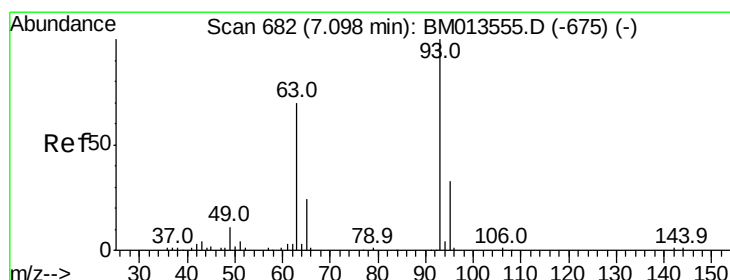
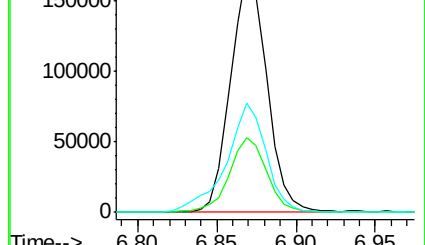
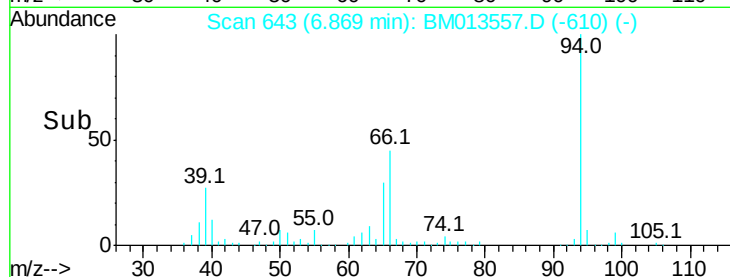


Abundance Ion 94.00 (93.70 to 94.70): BM013555.D (-636) (-)

Ion 65.00 (64.70 to 65.70): BM013555.D (-636) (-)

Ion 66.00 (65.70 to 66.70): BM013555.D (-636) (-)

6.87



#8

Bis(2-Chloroethyl)ether

Concen: 19.370 ng/ul

RT: 7.10 min Scan# 682

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

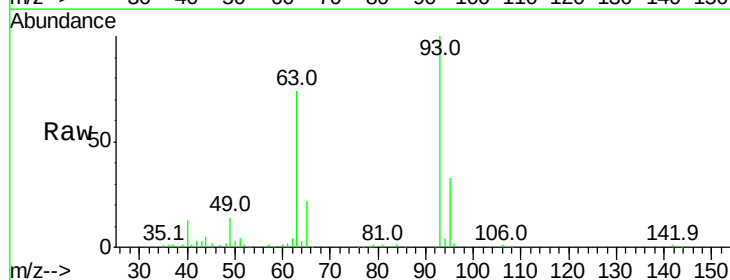
Tgt Ion: 93 Resp: 210386

Ion Ratio Lower Upper

93 100

63 74.0 57.3 85.9

95 33.2 26.6 39.8

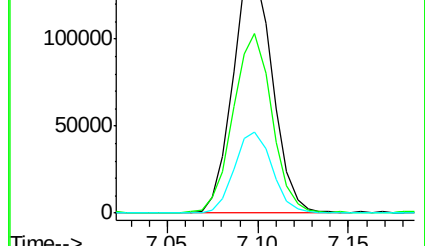
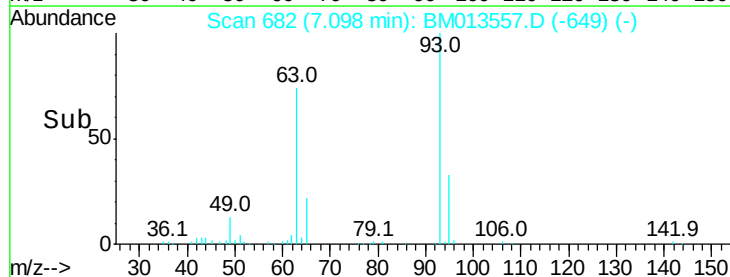


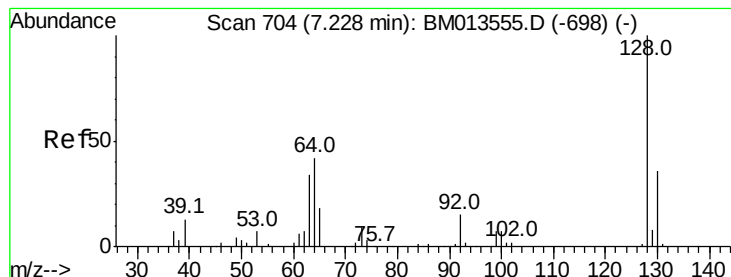
Abundance Ion 93.00 (92.70 to 93.70): BM013555.D (-675) (-)

Ion 63.00 (62.70 to 63.70): BM013555.D (-675) (-)

Ion 95.00 (94.70 to 95.70): BM013555.D (-675) (-)

7.10

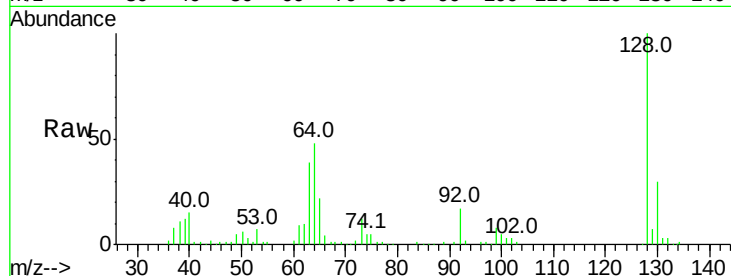




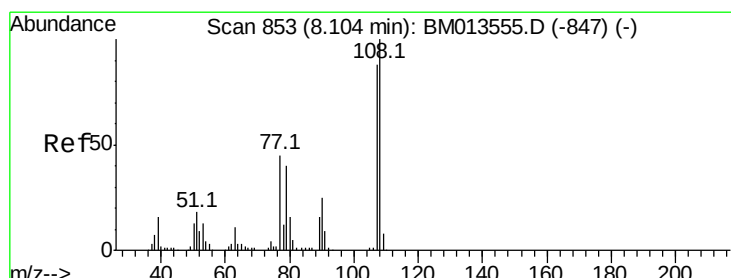
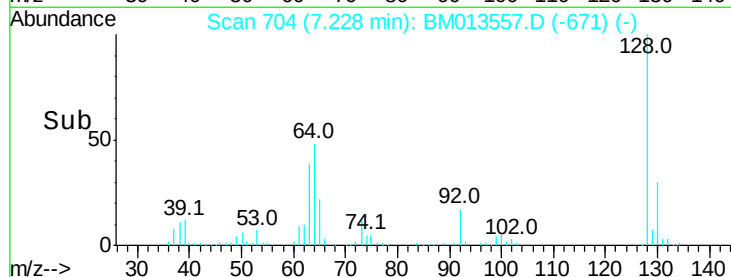
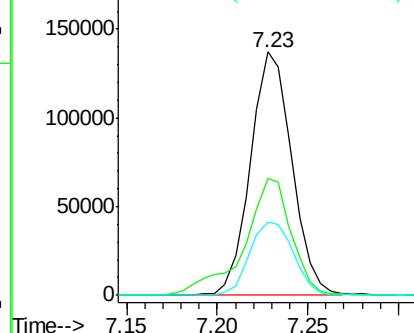
#10
2-Chlorophenol
Concen: 19.814 ng/ul
RT: 7.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 218168
Ion Ratio Lower Upper
128 100
64 48.2 38.0 57.0
130 30.4 24.4 36.6

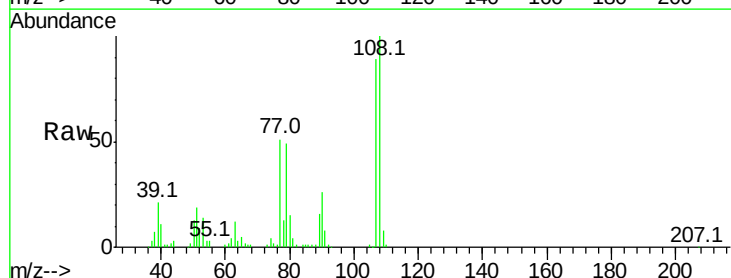


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

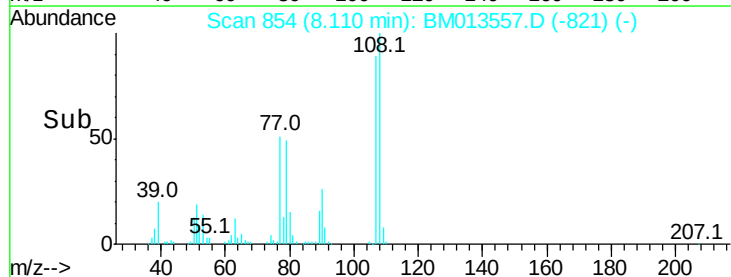
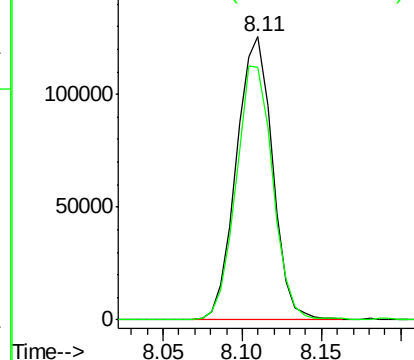


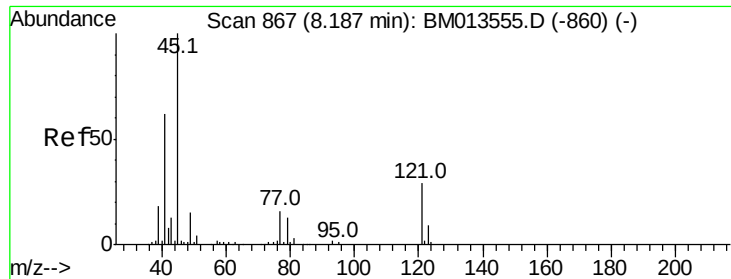
#11
2-Methylphenol
Concen: 18.027 ng/ul
RT: 8.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:108 Resp: 198064
Ion Ratio Lower Upper
108 100
107 89.2 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E
Ion 107.00 (106.70 to 107.70): E

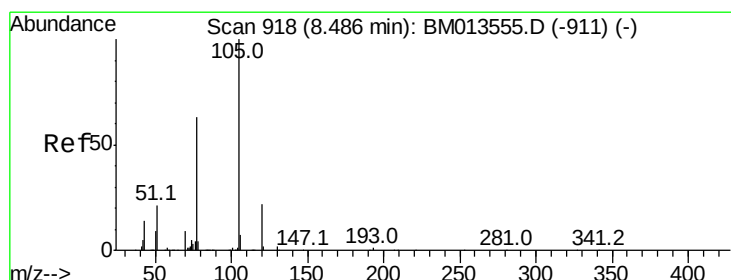
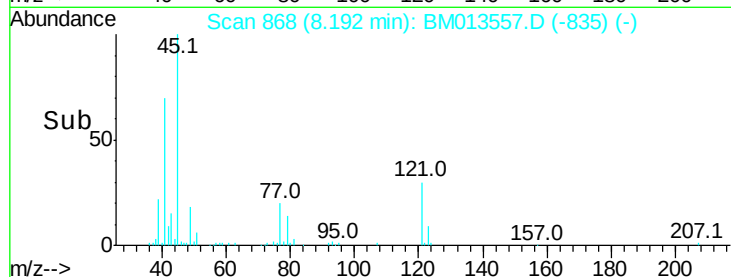
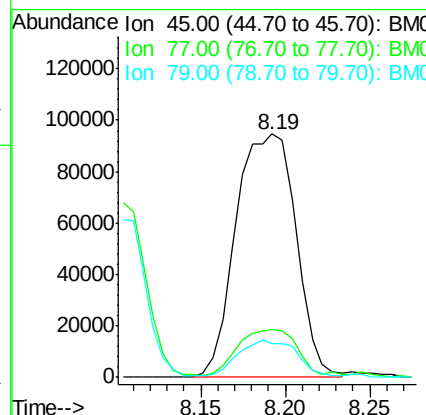
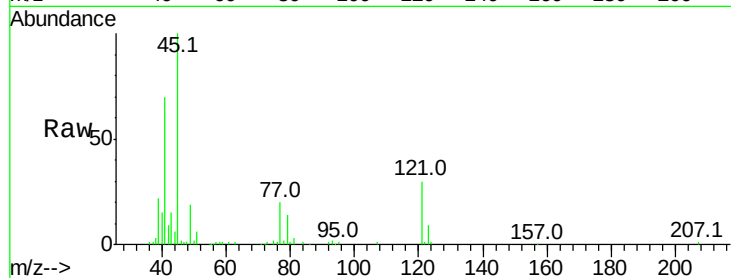




#12
2,2'-oxybis(1-Chloropropane)
Concen: 20.379 ng/ul
RT: 8.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

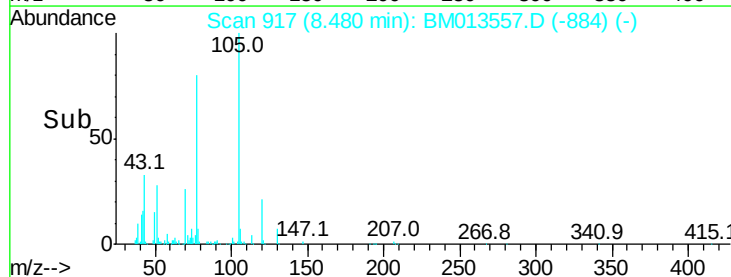
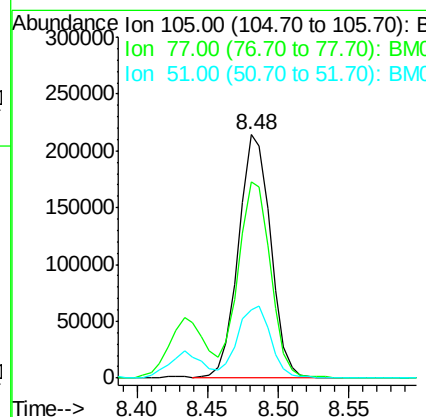
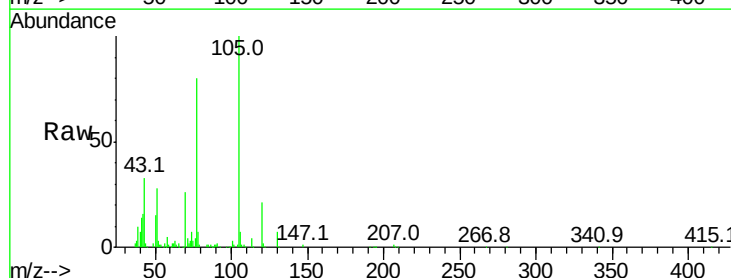
Instrument :
BNA_M
ClientSampled :

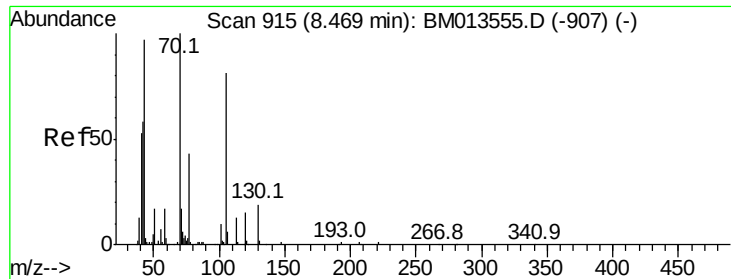
Tot Ion: 45 Resp: 232409
Ion Ratio Lower Upper
45 100
77 19.8 8.0 12.0#
79 14.0 8.0 12.0#



#14
Acetophenone
Concen: 18.181 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:105 Resp: 339425
Ion Ratio Lower Upper
105 100
77 80.4 74.2 111.4
51 27.9 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 18.464 ng/ul

RT: 8.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 173636

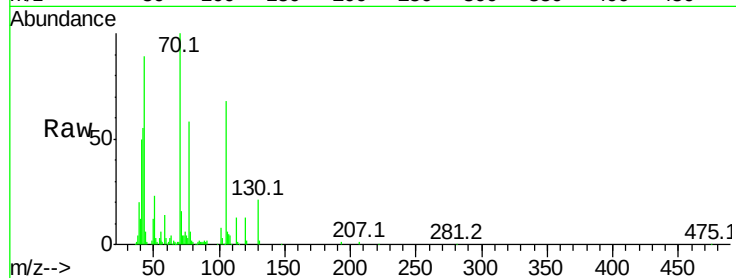
Ion Ratio Lower Upper

70 100

42 54.7 76.0 114.0#

101 8.3 6.7 10.1

130 21.4 14.6 22.0

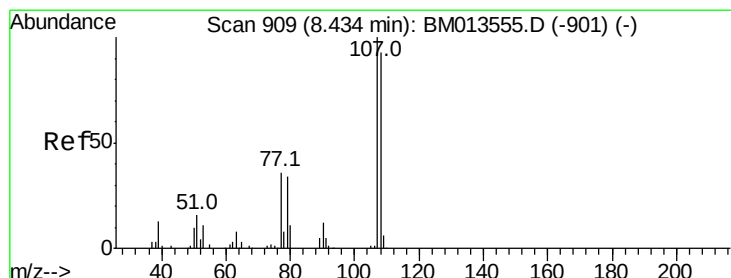
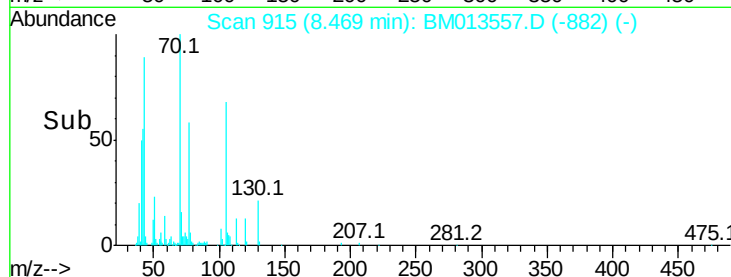
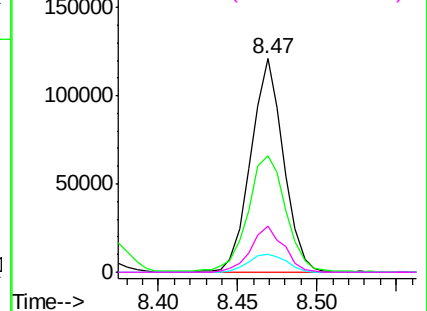


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 18.384 ng/ul

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BM013557.D

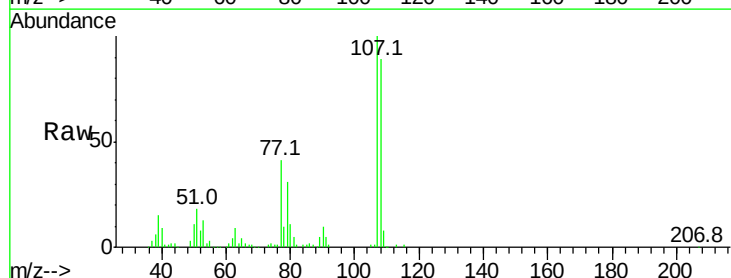
Acq: 04 Jan 2018 13:36

Tgt Ion: 108 Resp: 215994

Ion Ratio Lower Upper

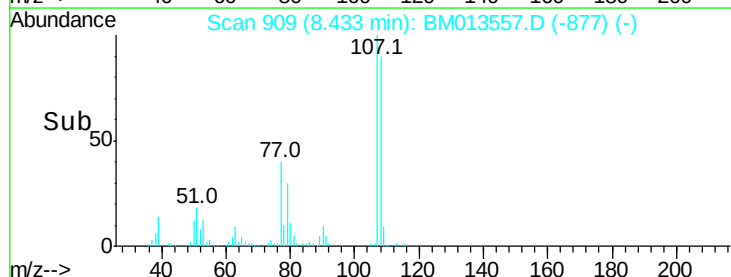
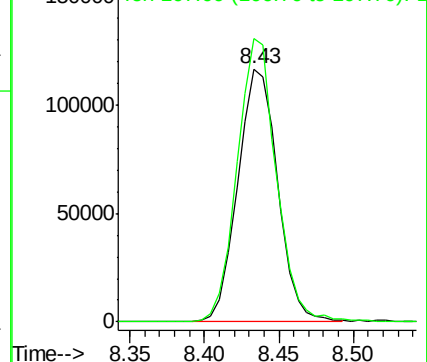
108 100

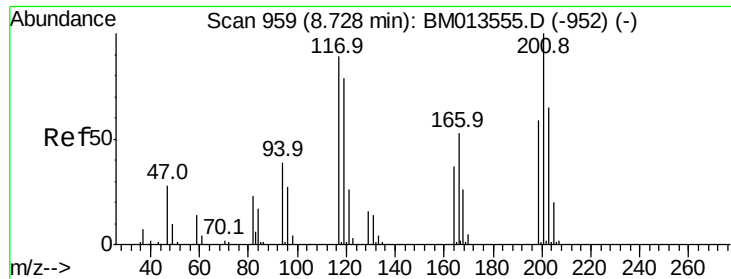
107 111.9 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

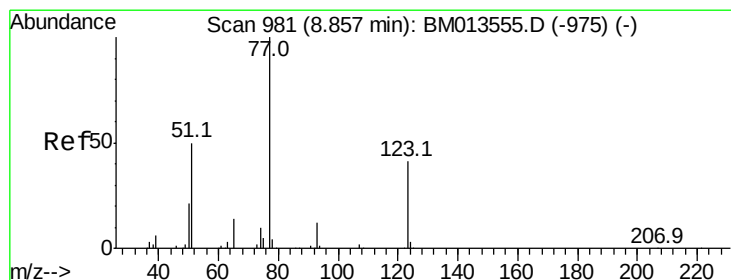
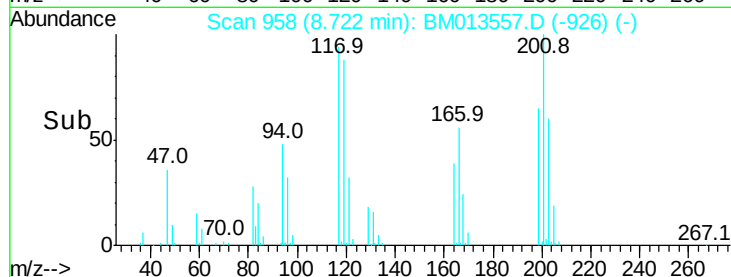
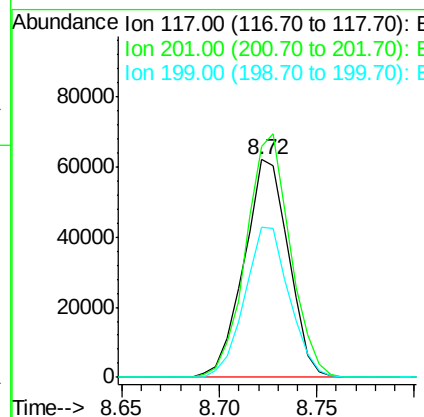
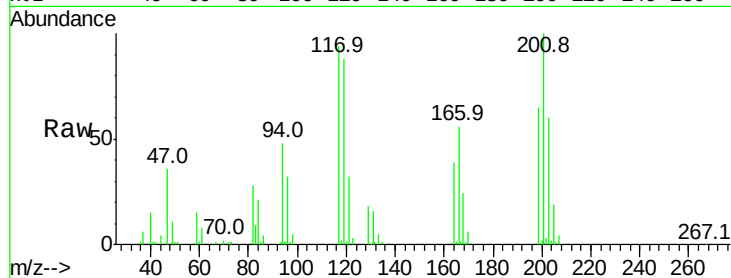




#17
Hexachloroethane
Concen: 20.477 ng/ul
RT: 8.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

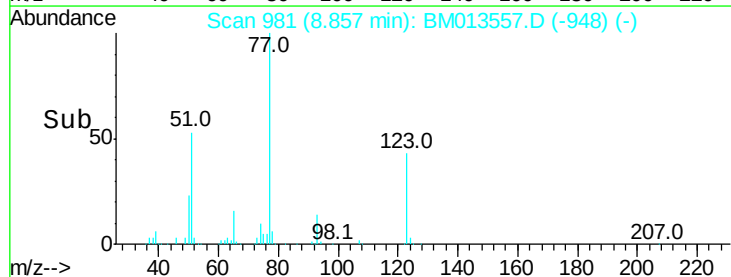
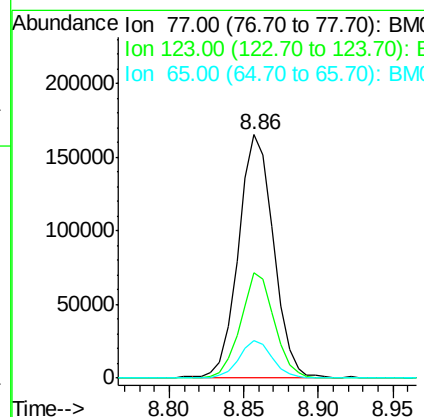
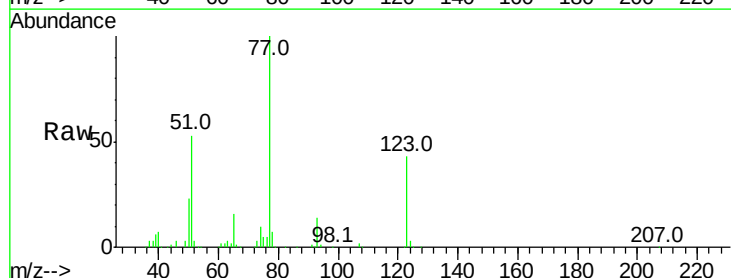
Instrument :
BNA_M
ClientSampled :

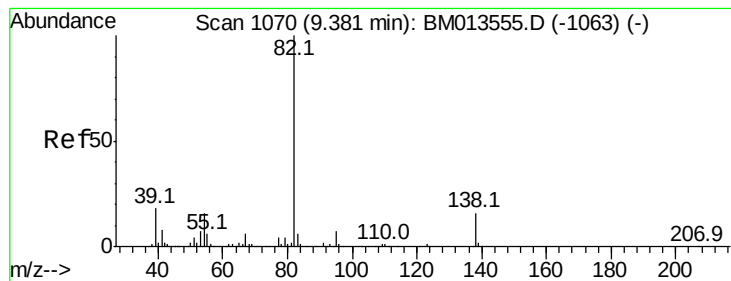
Tot Ion:117 Resp: 98163
Ion Ratio Lower Upper
117 100
201 105.9 111.6 167.4#
199 68.8 67.8 101.6



#20
Nitrobenzene
Concen: 19.879 ng/ul
RT: 8.86 min Scan# 981
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion: 77 Resp: 267978
Ion Ratio Lower Upper
77 100
123 43.4 31.0 46.6
65 15.7 12.2 18.2





#21

Isophorone

Concen: 19.307 ng/ul

RT: 9.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

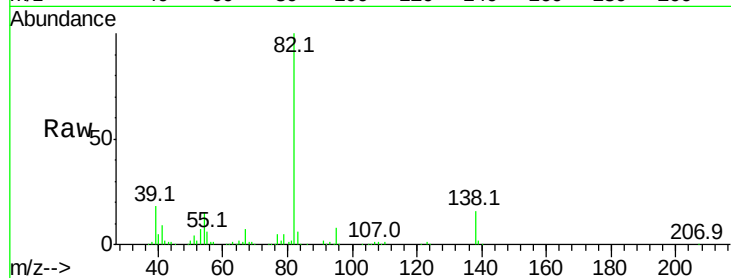
Tot Ion: 82 Resp: 457977

Ion Ratio Lower Upper

82 100

95 7.5 7.8 11.8#

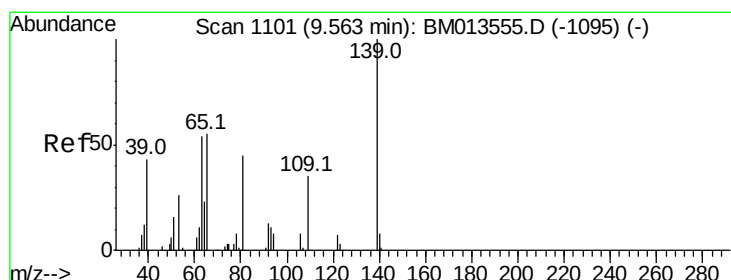
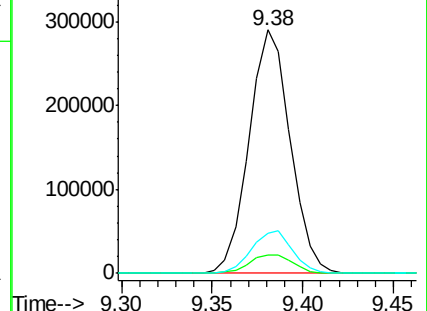
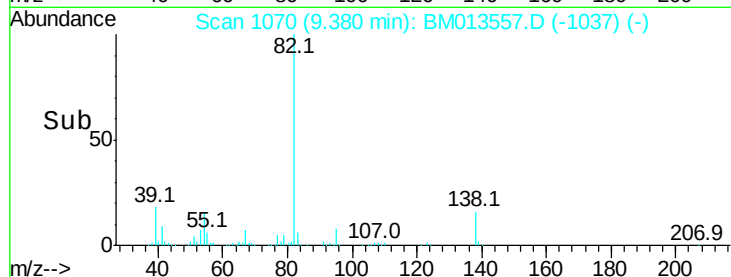
138 16.3 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013557.D (-1037) (-)

Ion 95.00 (94.70 to 95.70): BM013557.D (-1037) (-)

Ion 138.00 (137.70 to 138.70): BM013557.D (-1037) (-)



#23

2-Nitrophenol

Concen: 20.268 ng/ul

RT: 9.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

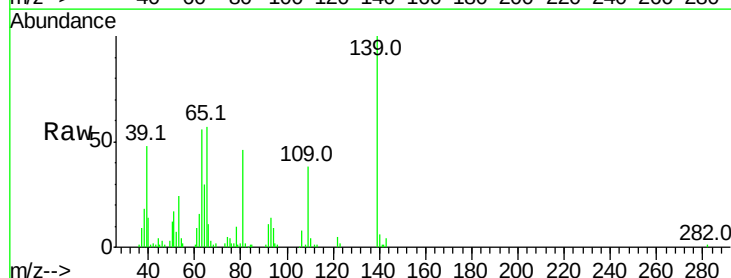
Tgt Ion: 139 Resp: 120345

Ion Ratio Lower Upper

139 100

65 57.4 55.4 83.0

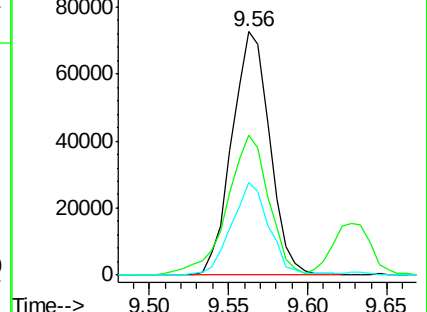
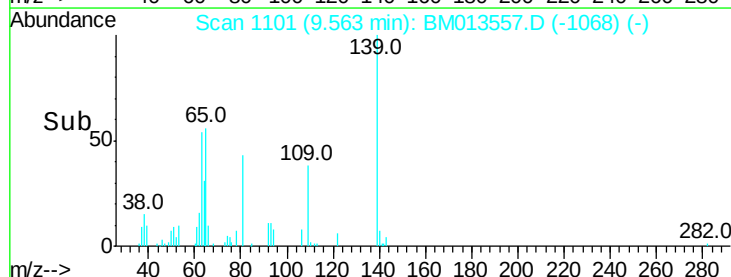
109 38.1 42.2 63.2#

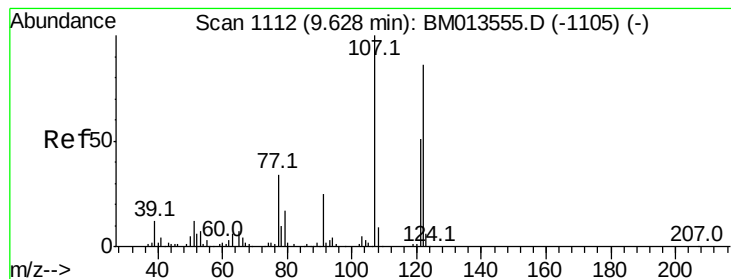


Abundance Ion 139.00 (138.70 to 139.70): BM013557.D (-1068) (-)

Ion 65.00 (64.70 to 65.70): BM013557.D (-1068) (-)

Ion 109.00 (108.70 to 109.70): BM013557.D (-1068) (-)

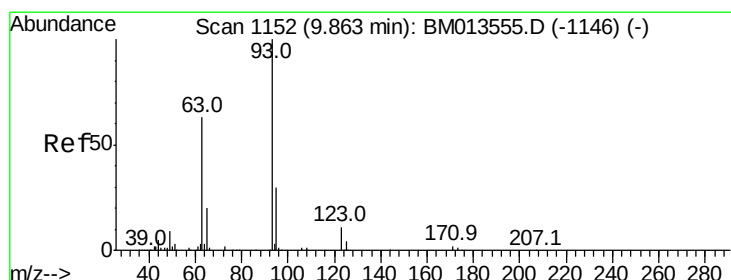
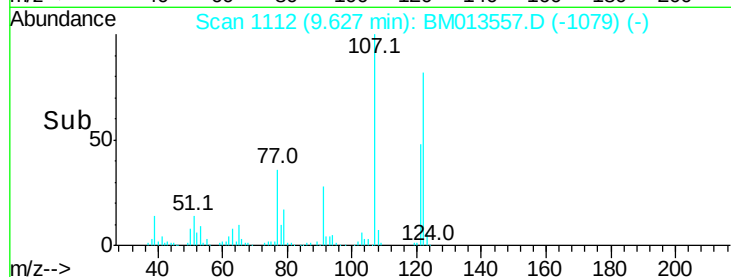
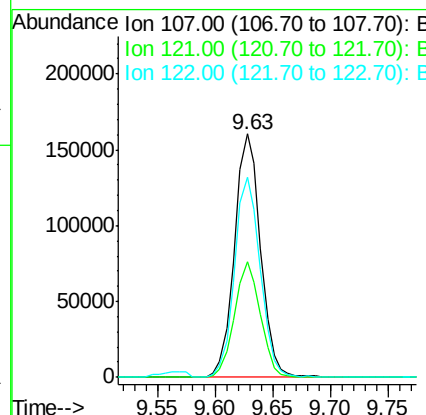
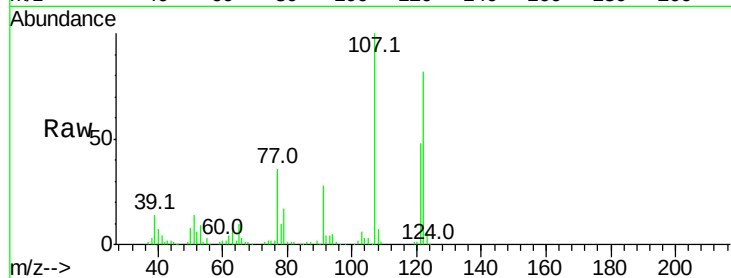




#24
 2,4-Dimethylphenol
 Concen: 19.358 ng/ul
 RT: 9.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

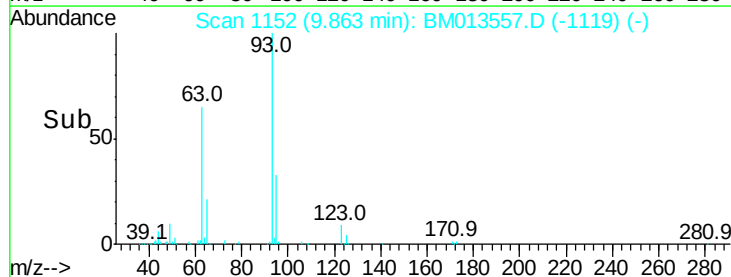
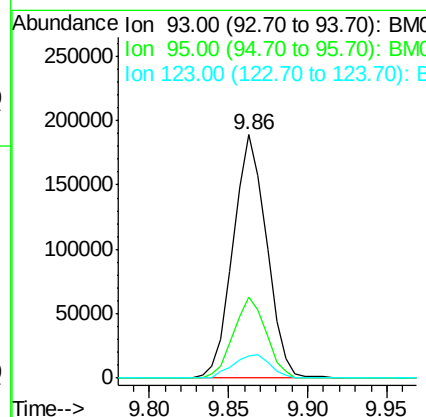
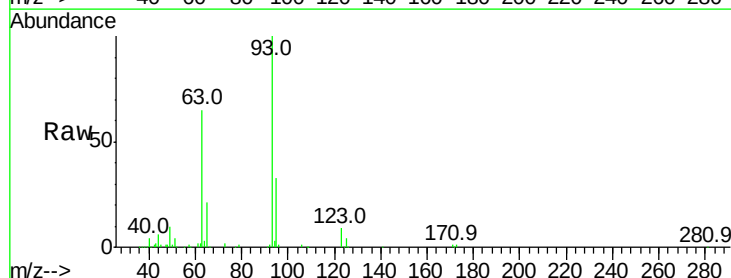
Instrument :
 BNA_M
 ClientSampleId :

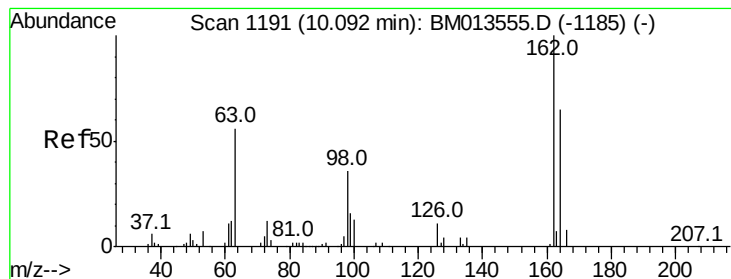
Tot Ion	Ratio	Lower	Upper
107	100		
121	47.6	31.9	47.9
122	82.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.997 ng/ul
 RT: 9.86 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	28.5	42.7
123	9.2	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 19.439 ng/ul

RT: 10.10 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

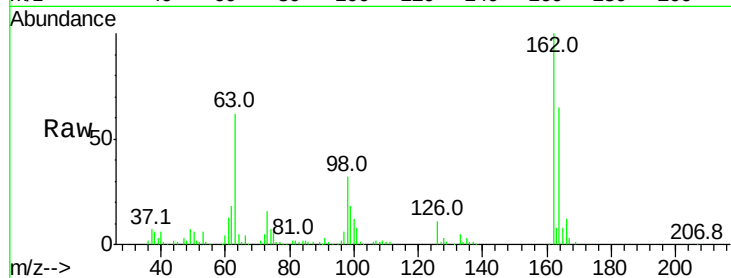
Tot Ion:162 Resp: 211926

Ion Ratio Lower Upper

162 100

164 65.5 47.8 71.6

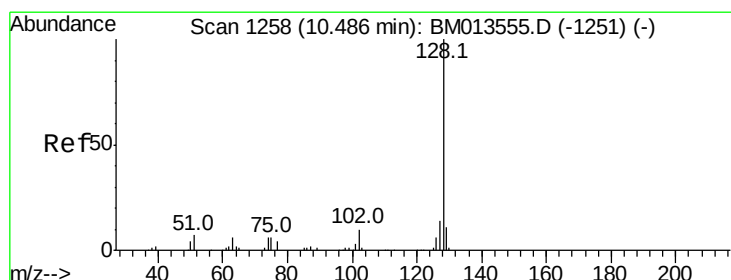
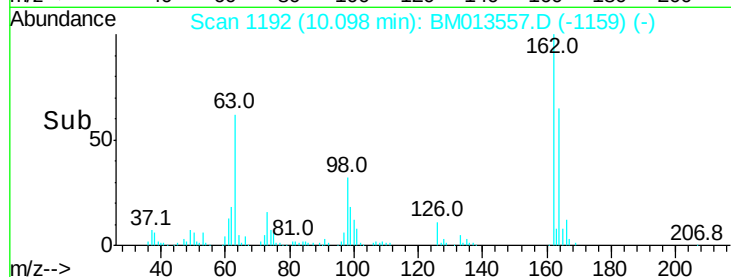
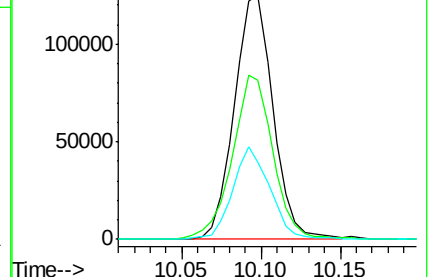
98 31.7 23.0 34.4



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: 20.060 ng/ul

RT: 10.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

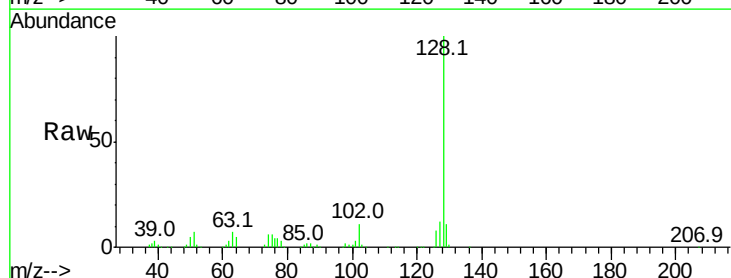
Tgt Ion:128 Resp: 696456

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

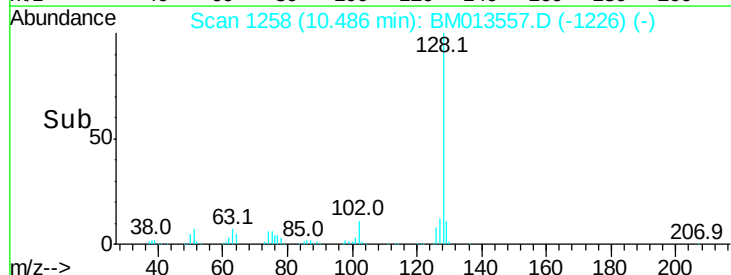
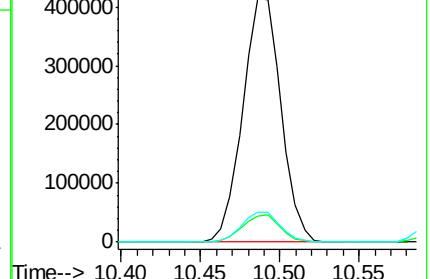
127 12.5 10.6 16.0

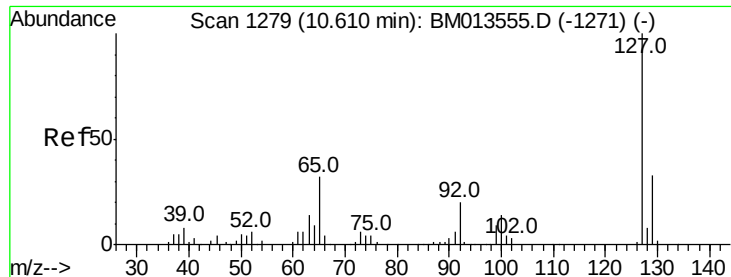


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

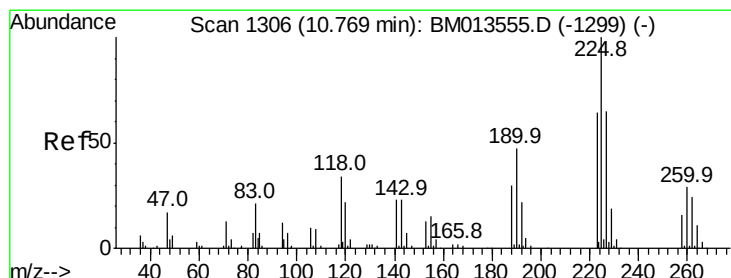
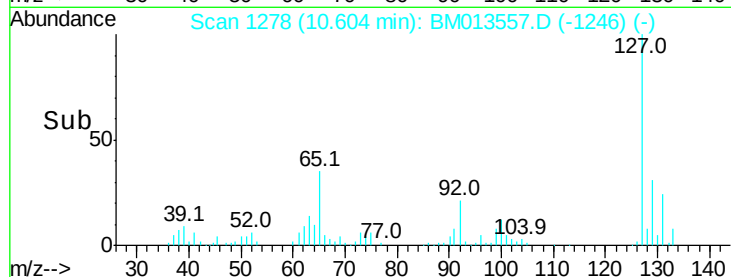
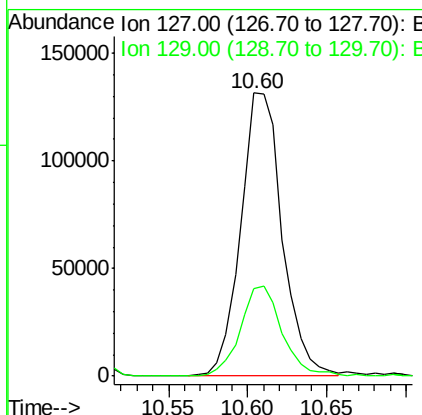
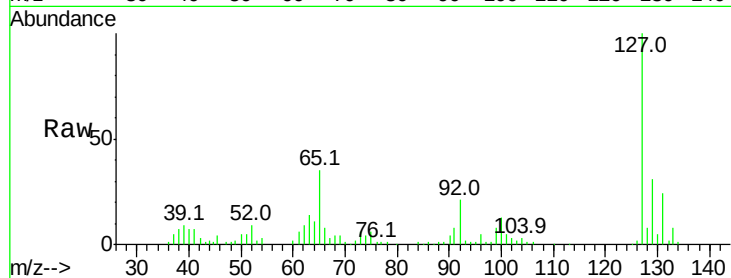




#30
4-Chloroaniline
Concen: 22.746 ng/ul
RT: 10.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

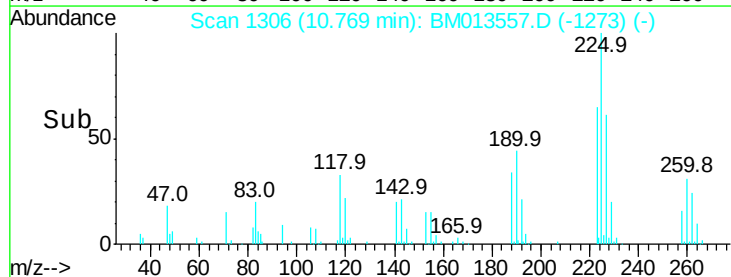
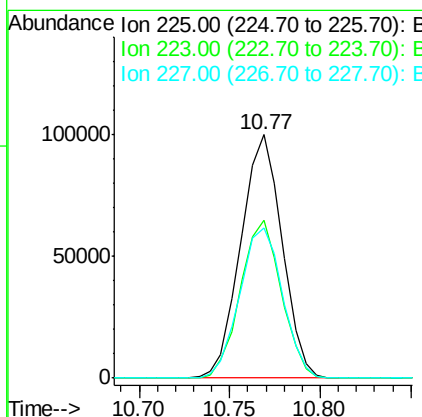
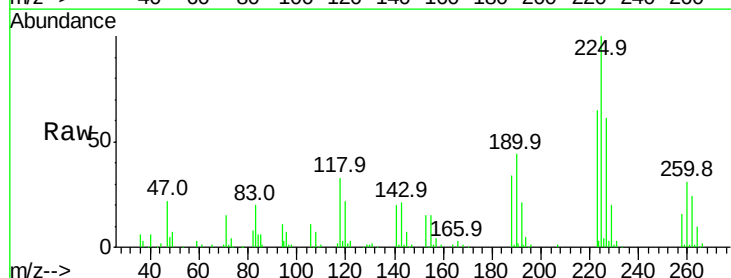
Instrument :
BNA_M
ClientSampleId :

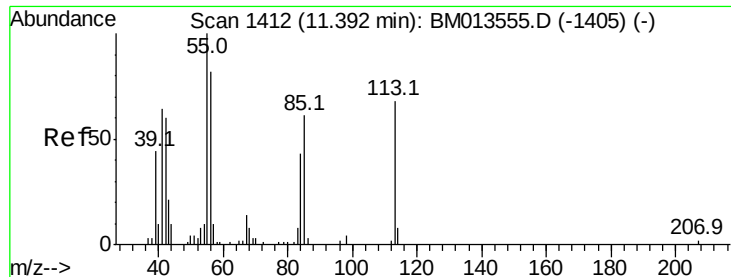
Tot Ion:127 Resp: 238881
Ion Ratio Lower Upper
127 100
129 31.0 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.091 ng/ul
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:225 Resp: 158653
Ion Ratio Lower Upper
225 100
223 65.0 49.4 74.2
227 61.4 45.4 68.2





#32

Caprolactam

Concen: 15.058 ng/ul

RT: 11.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

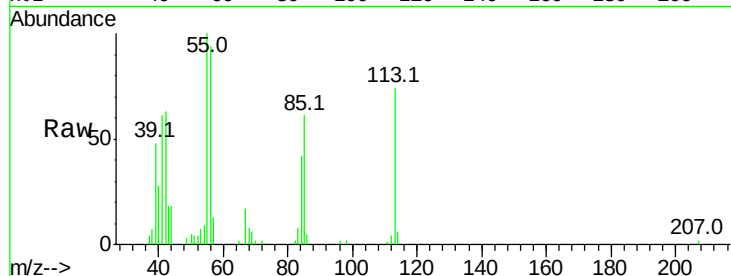
Tot Ion:113 Resp: 52466

Ion Ratio Lower Upper

113 100

55 135.5 208.0 312.0#

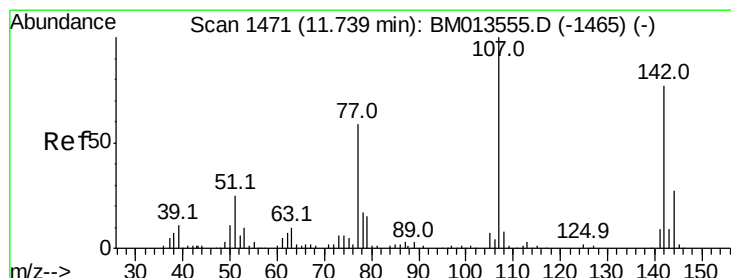
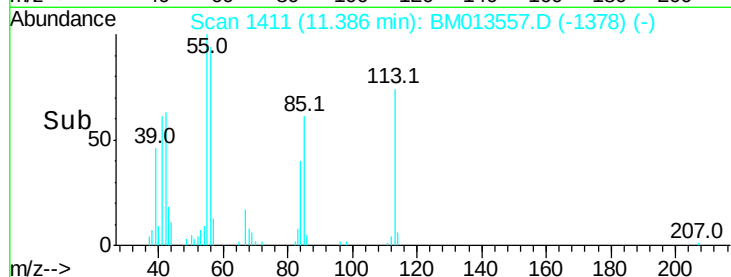
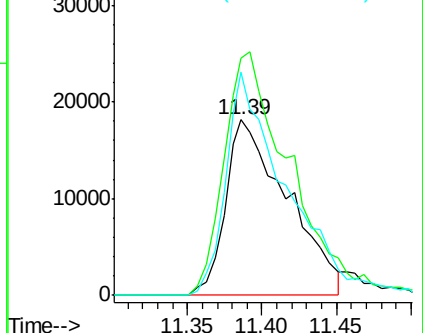
56 127.0 160.0 240.0#



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: 17.546 ng/ul

RT: 11.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

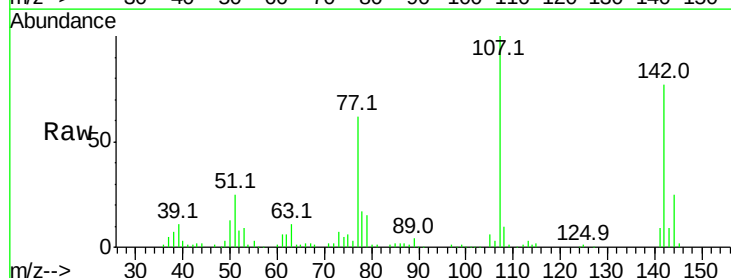
Tgt Ion:107 Resp: 209844

Ion Ratio Lower Upper

107 100

144 25.3 20.4 30.6

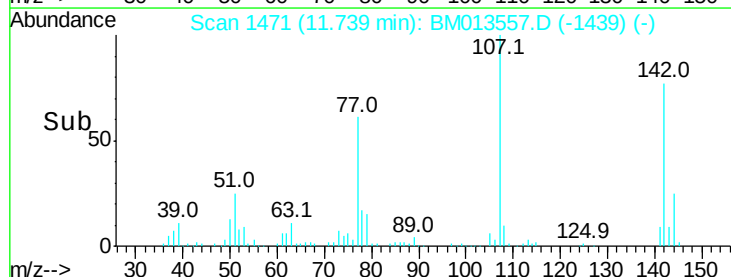
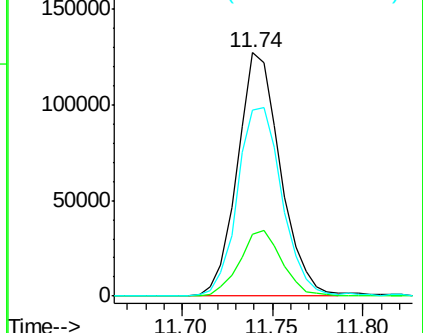
142 76.6 60.5 90.7

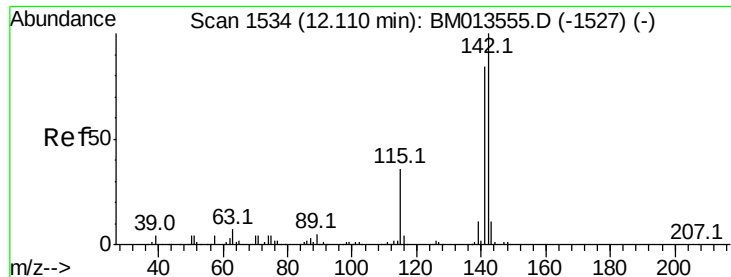


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

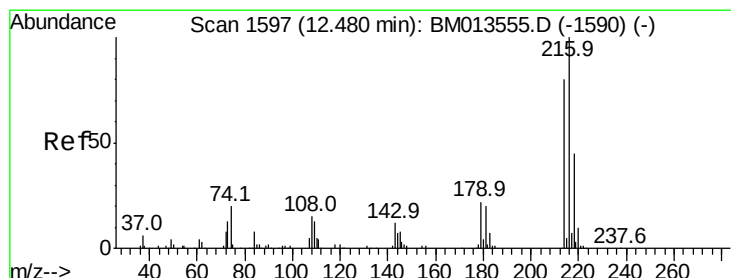
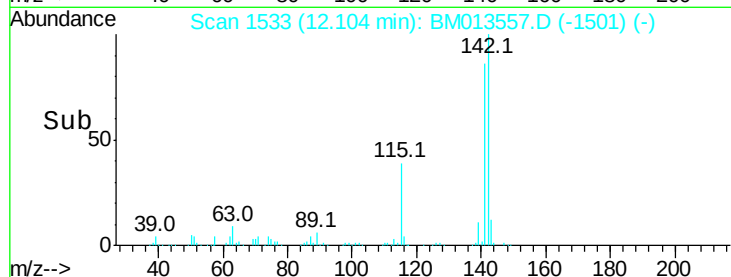
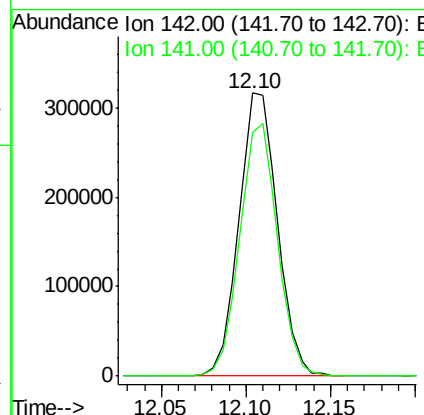
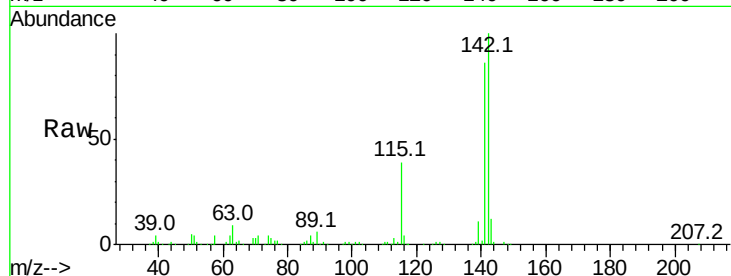




#34
2-Methylnaphthalene
Concen: 19.230 ng/ul
RT: 12.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

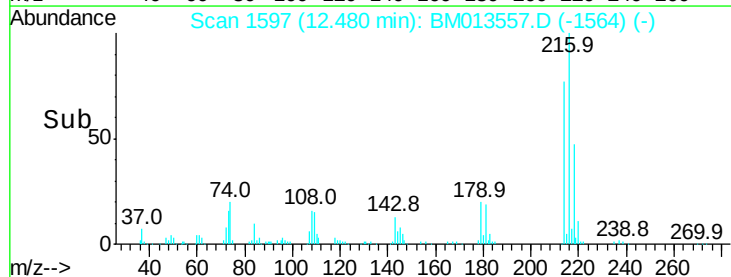
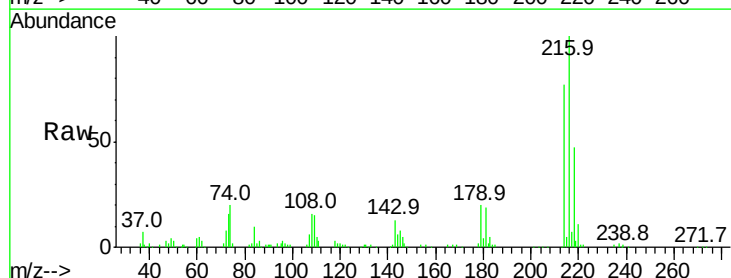
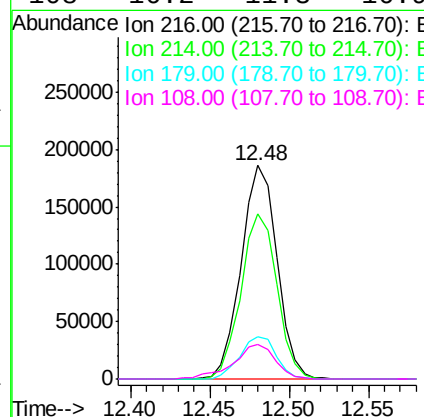
Instrument :
BNA_M
ClientSampleId :

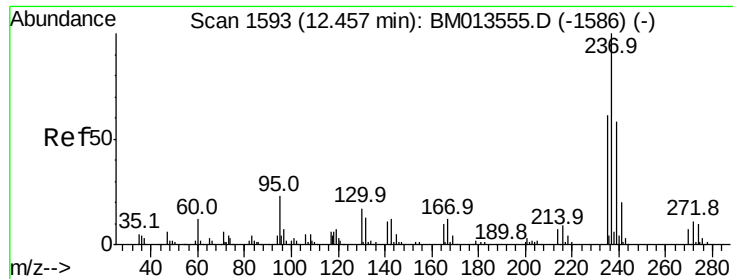
Tot Ion:142 Resp: 501869
Ion Ratio Lower Upper
142 100
141 86.1 74.1 111.1



#36
1,2,4,5-Tetrachlorobenzene
Concen: 22.027 ng/ul
RT: 12.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:216 Resp: 292892
Ion Ratio Lower Upper
216 100
214 77.3 60.6 90.8
179 19.7 17.5 26.3
108 16.2 11.3 16.9

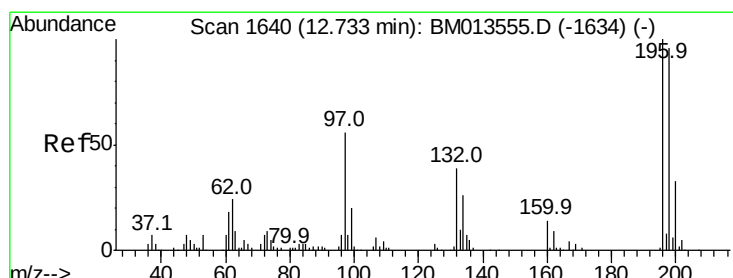
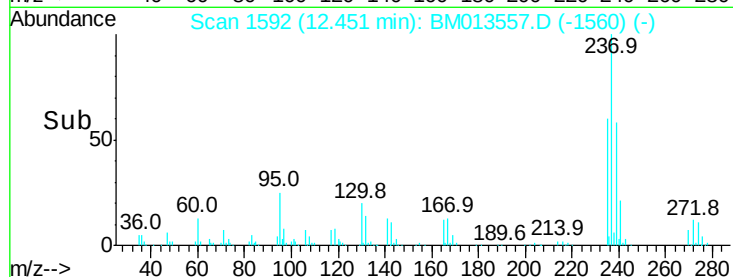
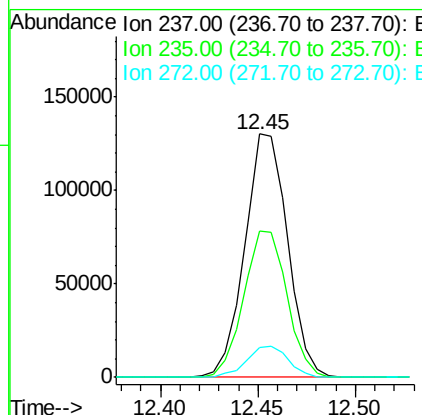
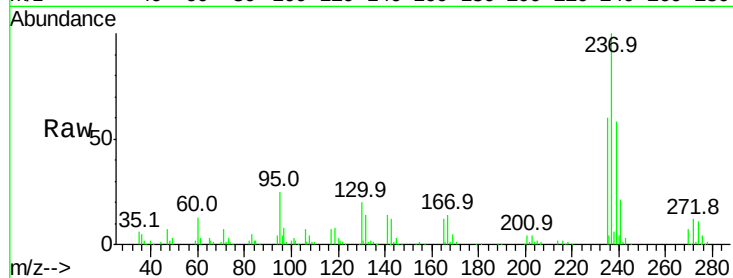




#37
Hexachlorocyclopentadiene
Concen: 22.600 ng/ul
RT: 12.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

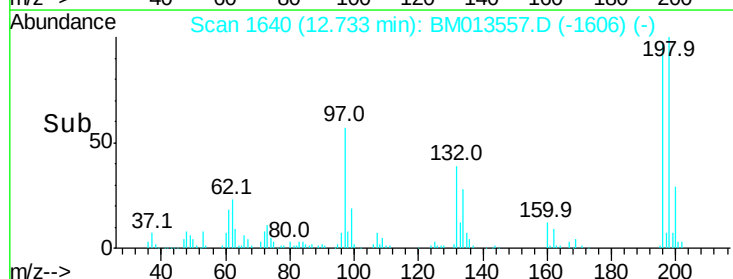
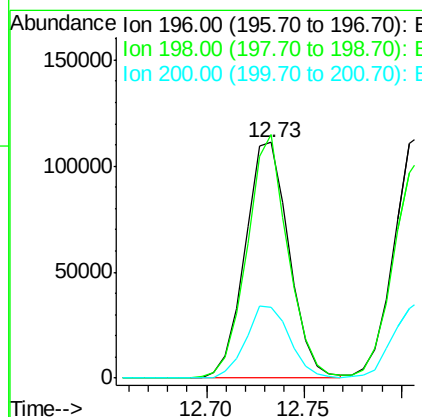
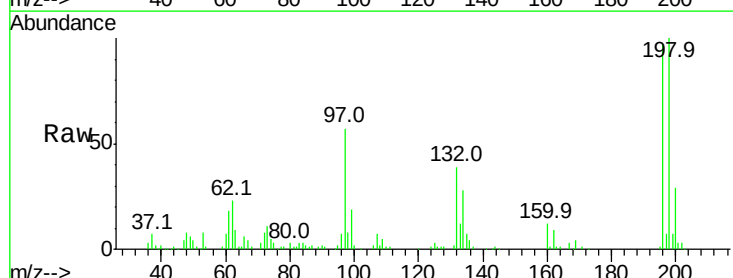
Instrument :
BNA_M
ClientSampleId :

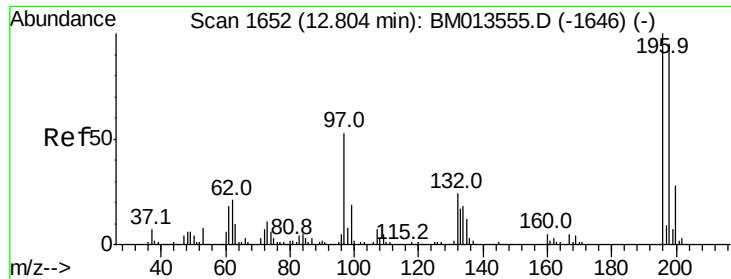
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.2	50.2	75.4
272	12.5	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 20.915 ng/ul
RT: 12.73 min Scan# 1640
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion	Ratio	Lower	Upper
196	100		
198	103.1	74.1	111.1
200	30.3	25.2	37.8

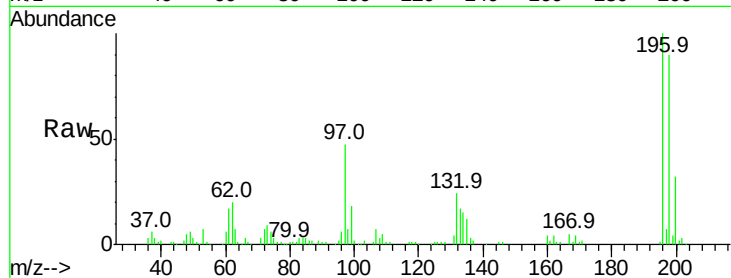




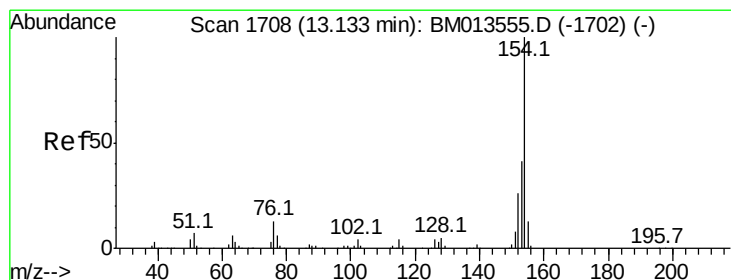
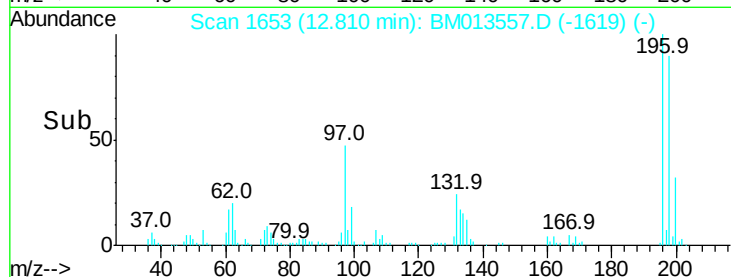
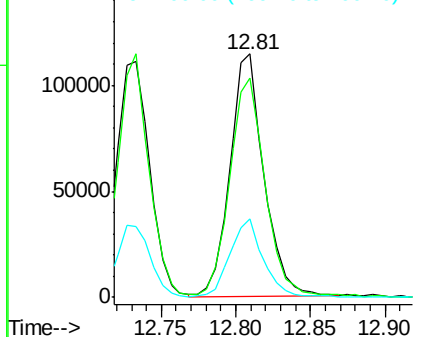
#39
 2,4,5-Trichlorophenol
 Concen: 20.628 ng/ul
 RT: 12.81 min Scan# 1653
 Delta R.T. -0.00 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 181645
 Ion Ratio Lower Upper
 196 100
 198 90.3 75.6 113.4
 200 32.0 25.5 38.3

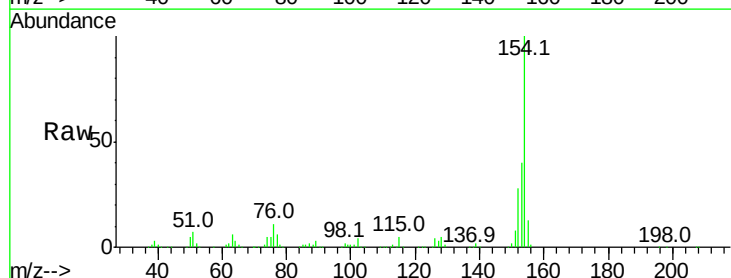


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

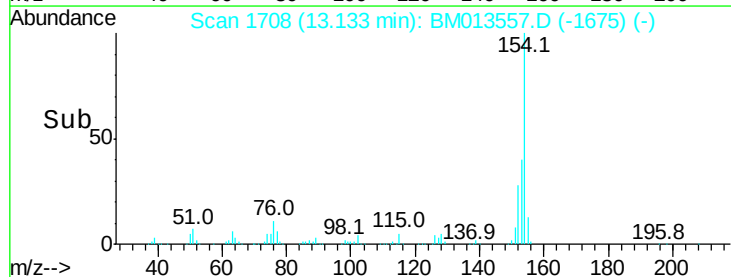
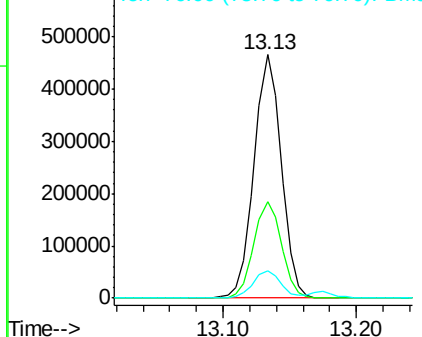


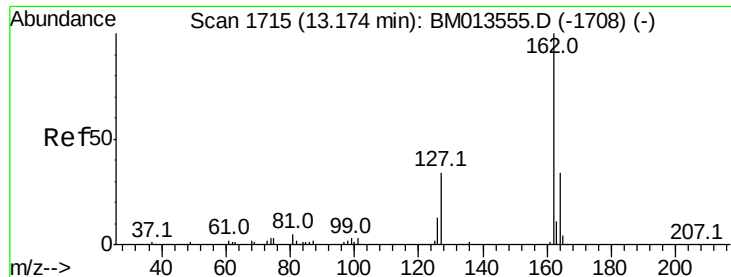
#40
 1,1'-Biphenyl
 Concen: 21.058 ng/ul
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

Tgt Ion:154 Resp: 655844
 Ion Ratio Lower Upper
 154 100
 153 39.6 32.6 48.8
 76 11.2 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

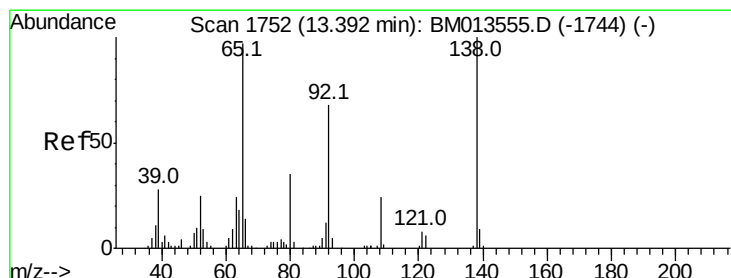
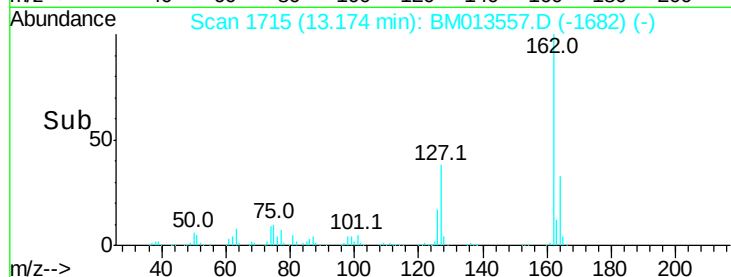
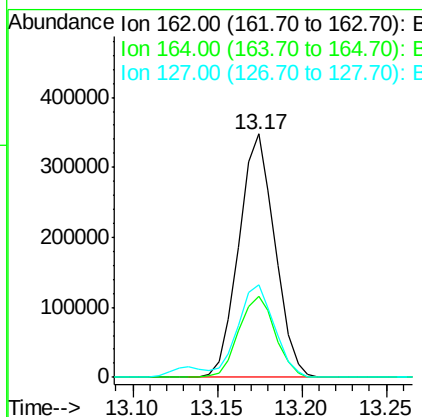
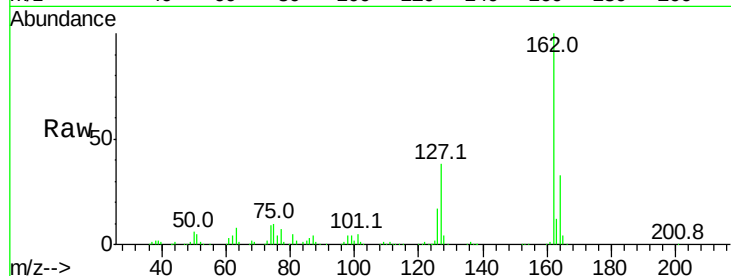




#41
2-Chloronaphthalene
Concen: 21.170 ng/ul
RT: 13.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

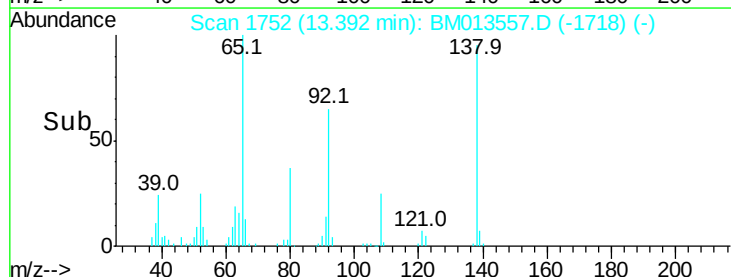
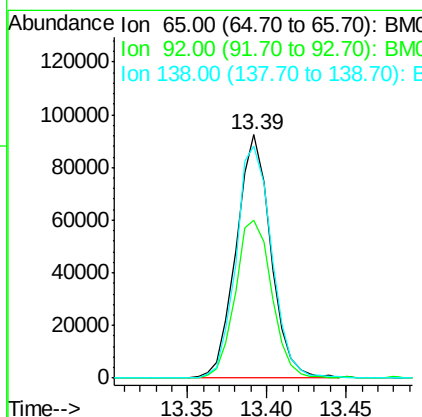
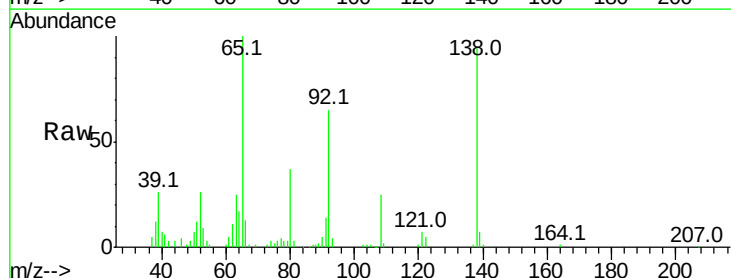
Instrument :
BNA_M
ClientSampleId :

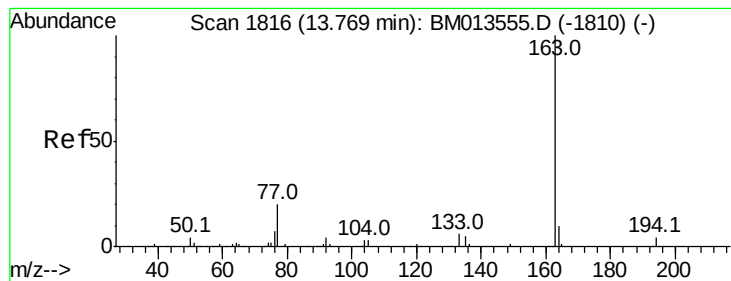
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.3	25.9	38.9
127	37.8	29.4	44.2



#42
2-Nitroaniline
Concen: 19.601 ng/ul
RT: 13.39 min Scan# 1752
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	51.8	77.6
138	95.1	74.2	111.4





#44

Dimethylphthalate

Concen: 18.905 ng/ul

RT: 13.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampled :

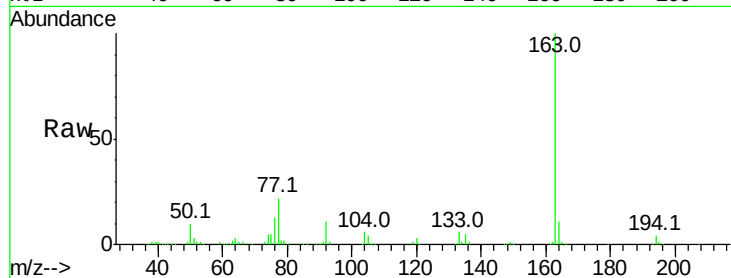
Tot Ion:163 Resp: 592941

Ion Ratio Lower Upper

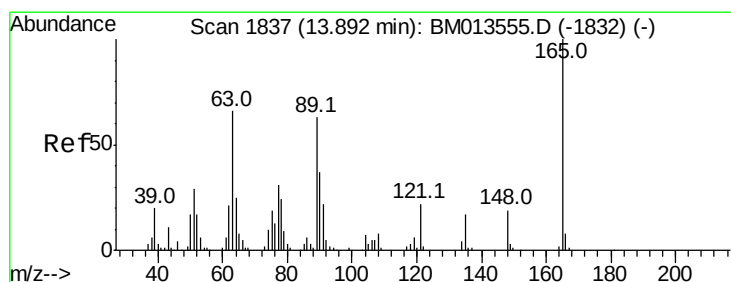
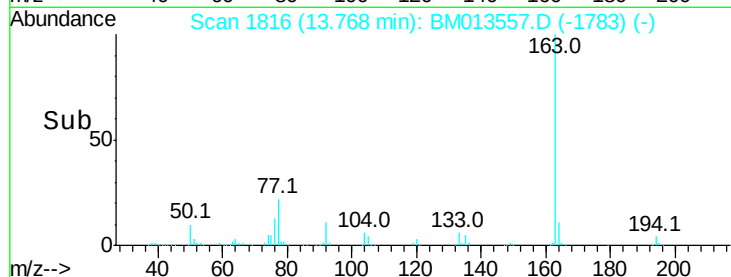
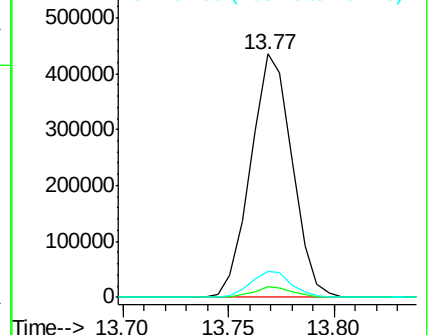
163 100

194 4.2 3.5 5.3

164 10.9 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: 19.427 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

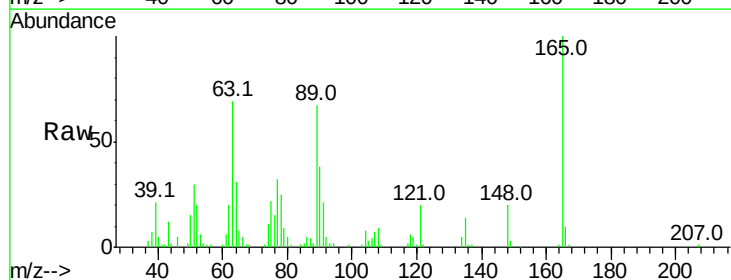
Tgt Ion:165 Resp: 124271

Ion Ratio Lower Upper

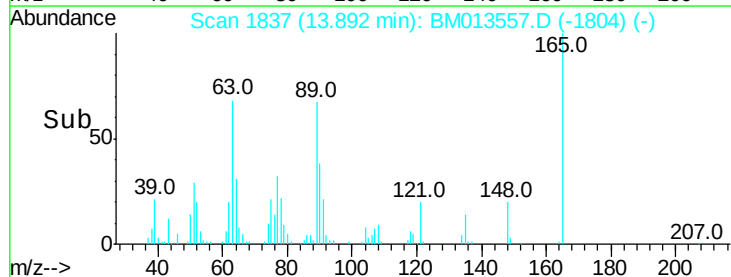
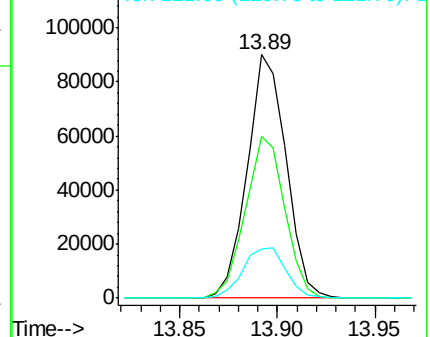
165 100

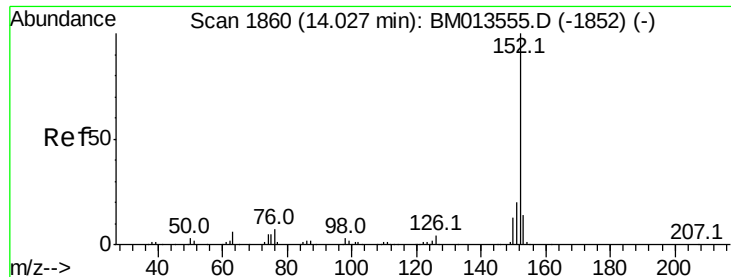
89 66.6 52.6 79.0

121 20.3 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: 20.763 ng/ul

RT: 14.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

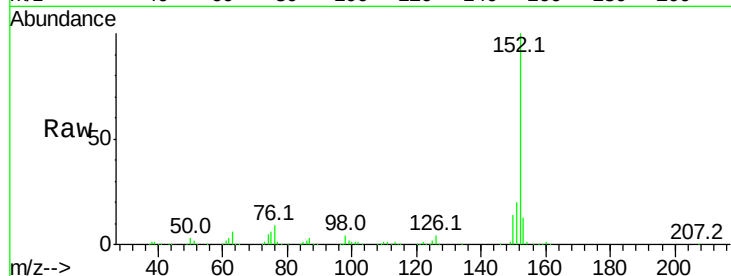
Tot Ion:152 Resp: 777552

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

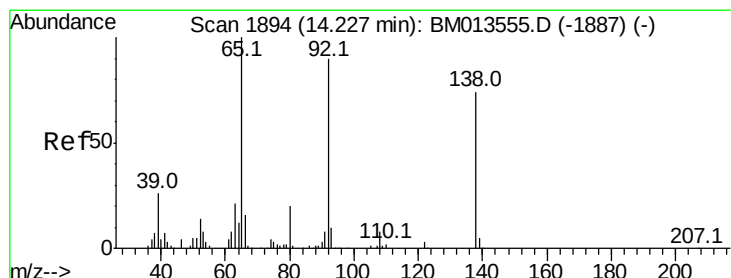
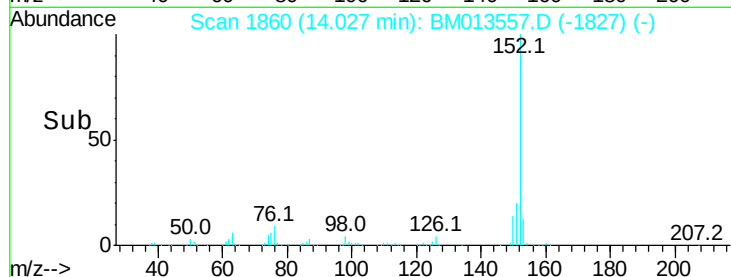
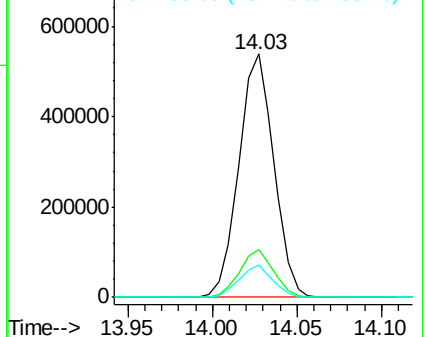
153 13.1 10.2 15.4



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: 19.069 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

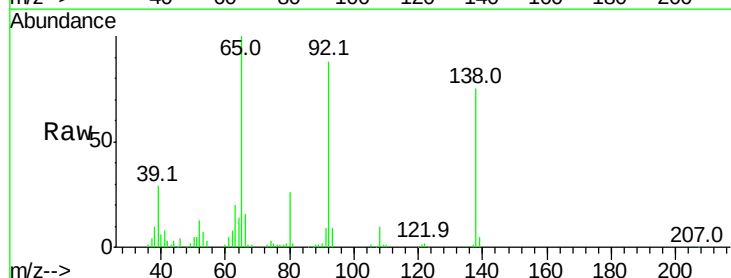
Tgt Ion:138 Resp: 109033

Ion Ratio Lower Upper

138 100

108 13.5 9.9 14.9

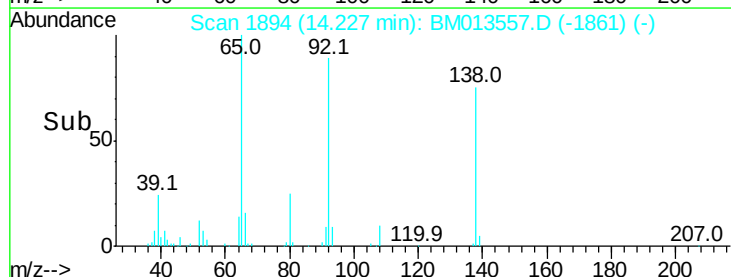
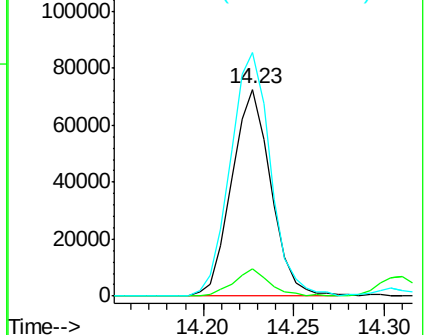
92 117.8 105.0 157.4

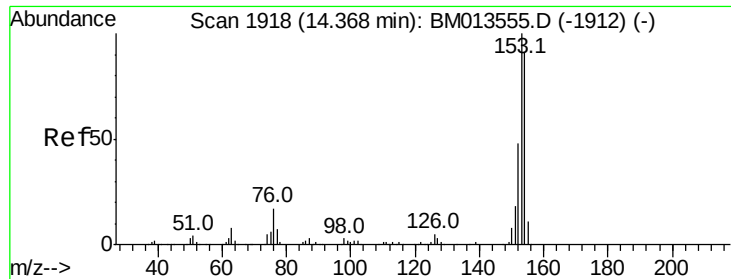


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.546 ng/ul

RT: 14.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampled :

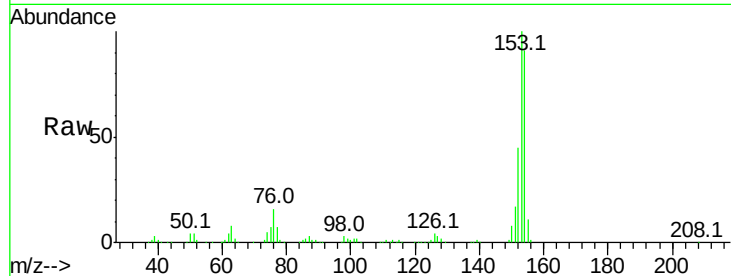
Tot Ion:153 Resp: 524136

Ion Ratio Lower Upper

153 100

152 44.8 37.6 56.4

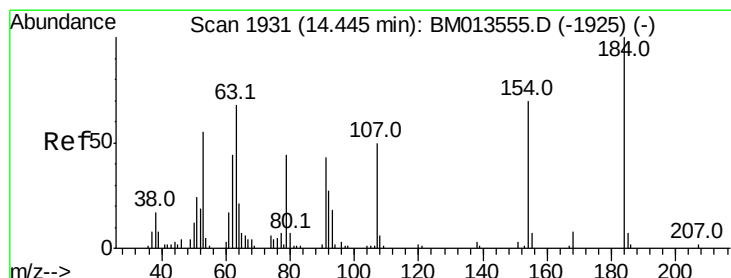
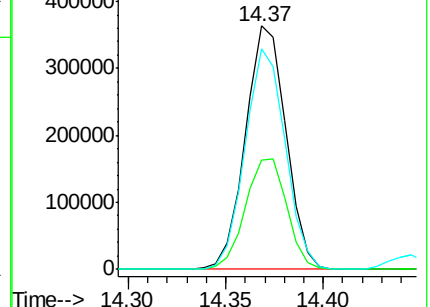
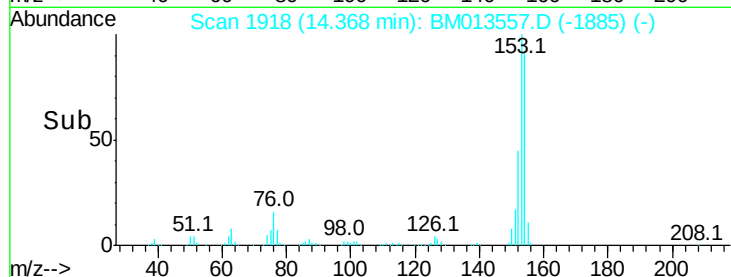
154 90.5 70.4 105.6



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: 14.199 ng/ul

RT: 14.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

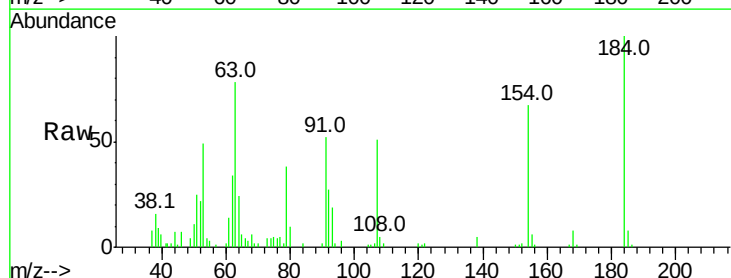
Tgt Ion:184 Resp: 50264

Ion Ratio Lower Upper

184 100

63 78.4 50.1 75.1#

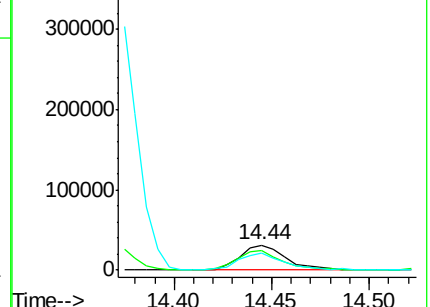
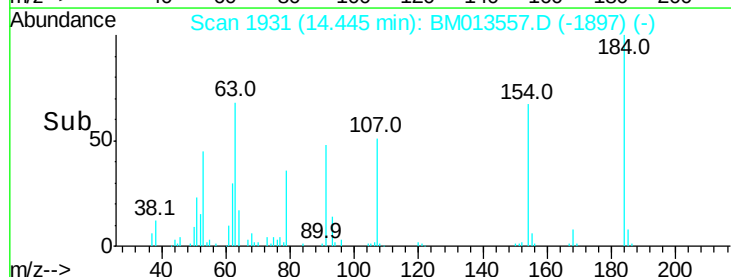
154 66.7 54.5 81.7

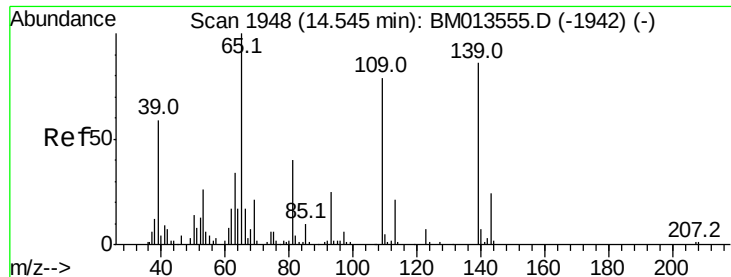


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

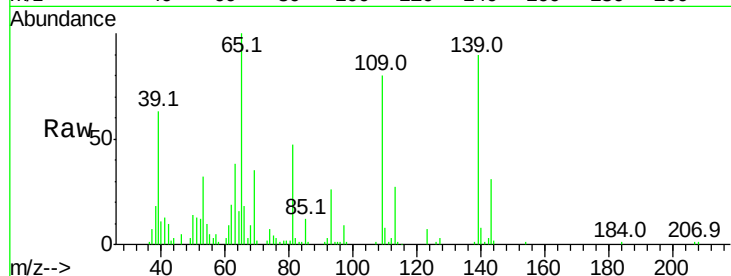




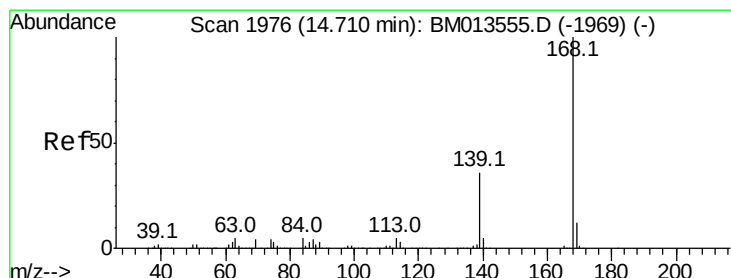
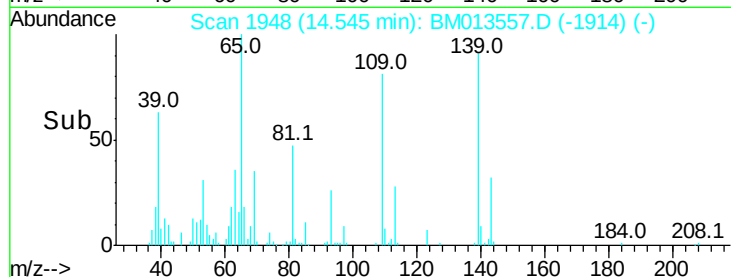
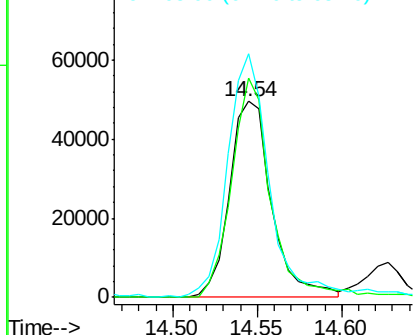
#52
4-Nitrophenol
Concen: 15.377 ng/ul
RT: 14.54 min Scan# 1948
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:109 Resp: 85951
Ion Ratio Lower Upper
109 100
139 112.1 80.0 120.0
65 124.4 120.0 180.0

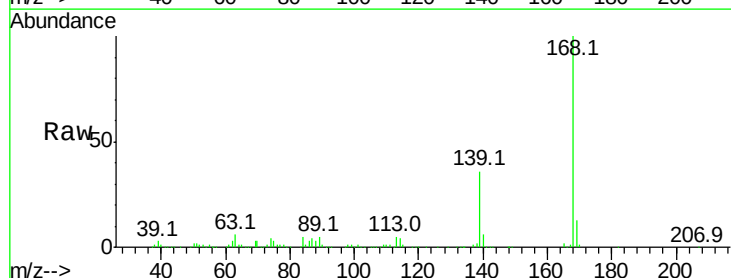


Abundance Ion 109.00 (108.70 to 109.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 65.00 (64.70 to 65.70): BM0

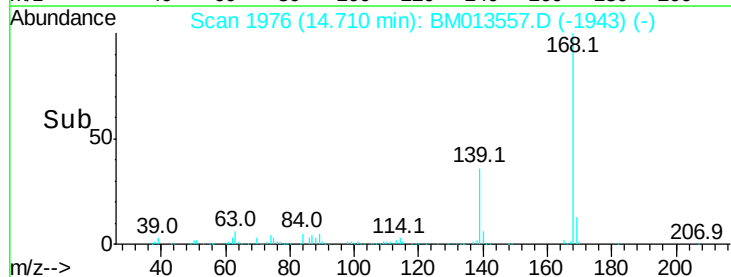
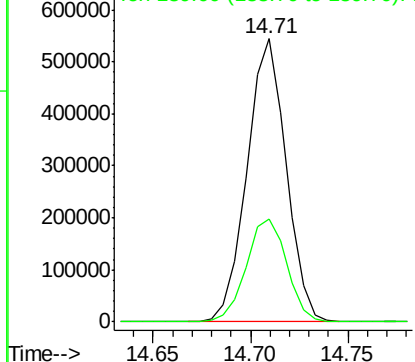


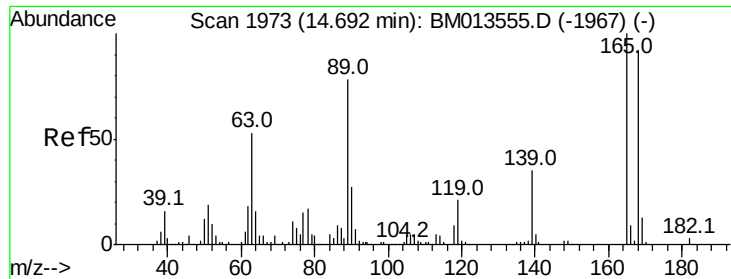
#53
Dibenzofuran
Concen: 20.058 ng/ul
RT: 14.71 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:168 Resp: 755393
Ion Ratio Lower Upper
168 100
139 36.5 30.8 46.2



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

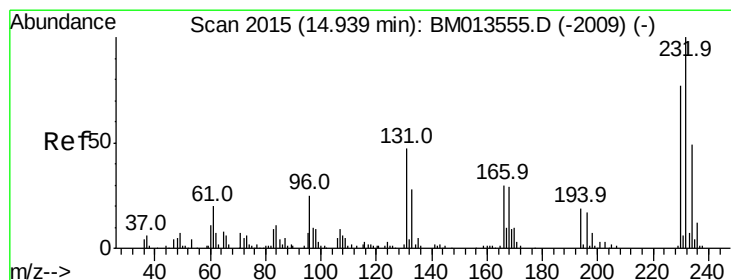
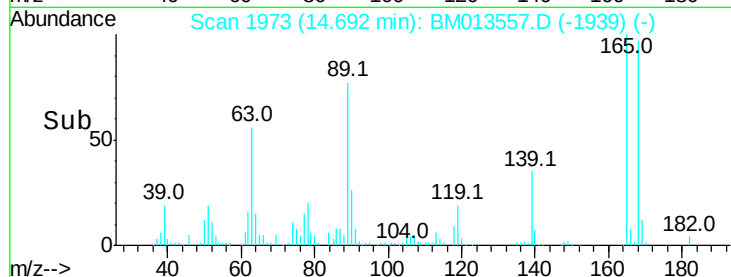
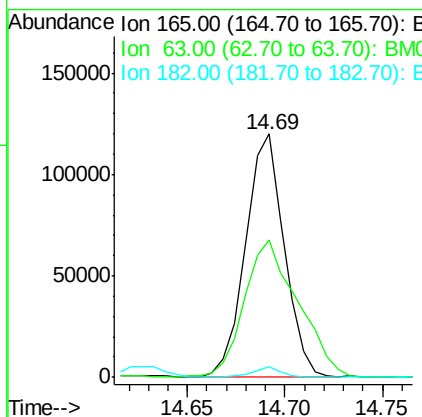
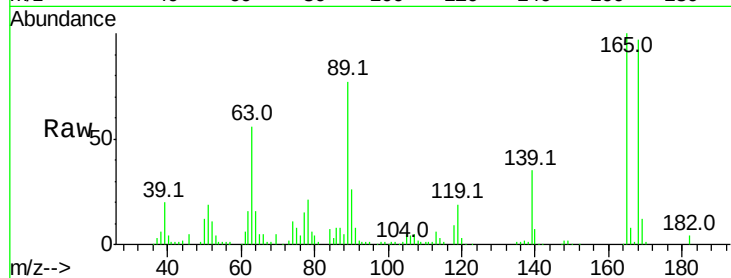




#54
 2,4-Dinitrotoluene
 Concen: 17.734 ng/ul
 RT: 14.69 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

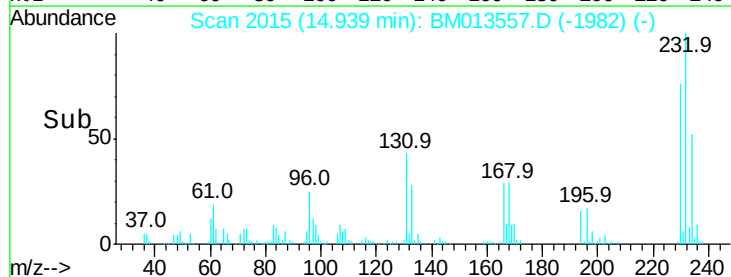
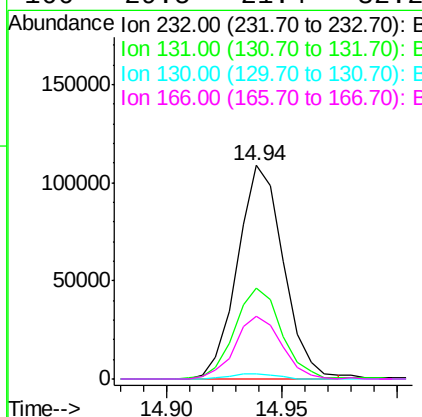
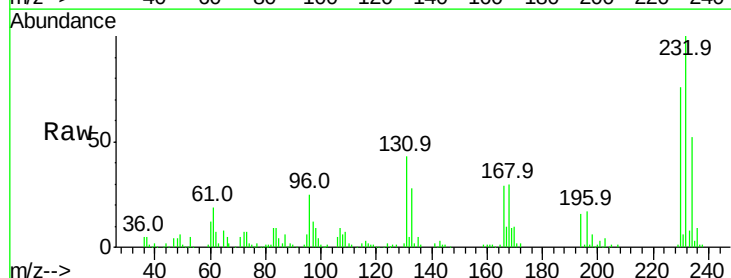
Instrument :
 BNA_M
 ClientSampleId :

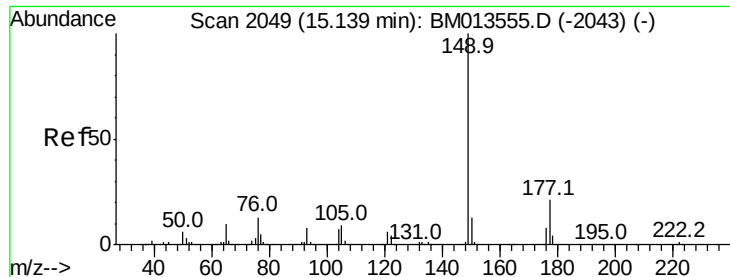
Tot Ion:165 Resp: 165022
 Ion Ratio Lower Upper
 165 100
 63 56.3 45.8 68.8
 182 4.2 2.6 4.0#



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 18.748 ng/ul
 RT: 14.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

Tgt Ion:232 Resp: 151366
 Ion Ratio Lower Upper
 232 100
 131 42.8 29.0 43.4
 130 2.2 2.0 3.0
 166 29.5 21.4 32.2





#56

Diethylphthalate

Concen: 18.687 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

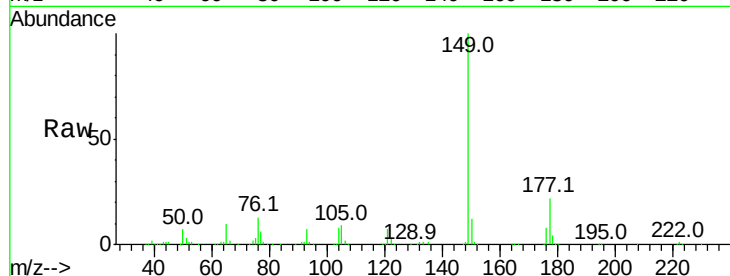
Tot Ion:149 Resp: 587831

Ion Ratio Lower Upper

149 100

177 21.8 20.5 30.7

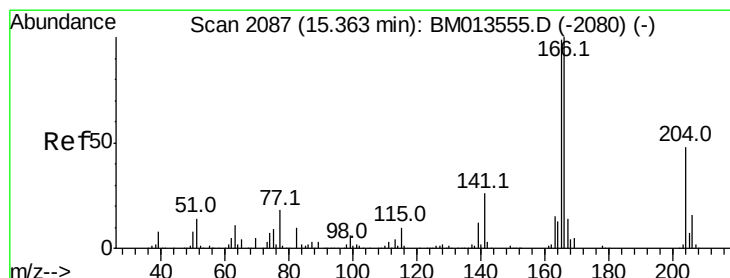
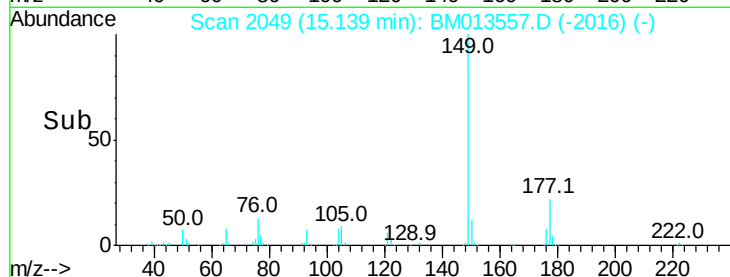
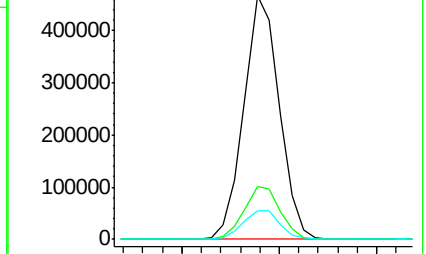
150 11.7 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 19.312 ng/ul

RT: 15.36 min Scan# 2087

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

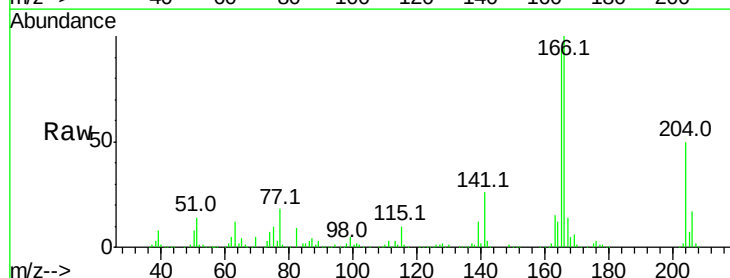
Tgt Ion:166 Resp: 601667

Ion Ratio Lower Upper

166 100

165 94.1 77.9 116.9

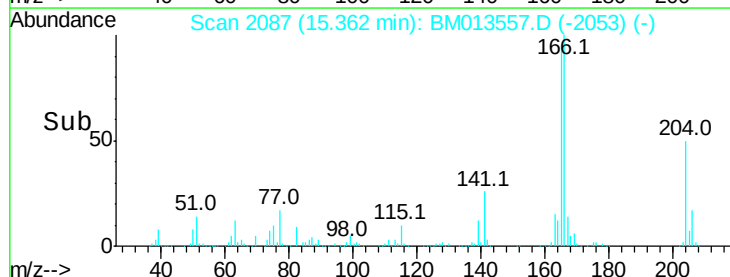
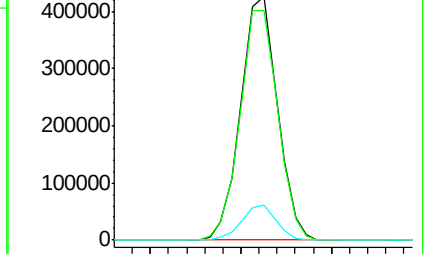
167 14.2 10.6 16.0

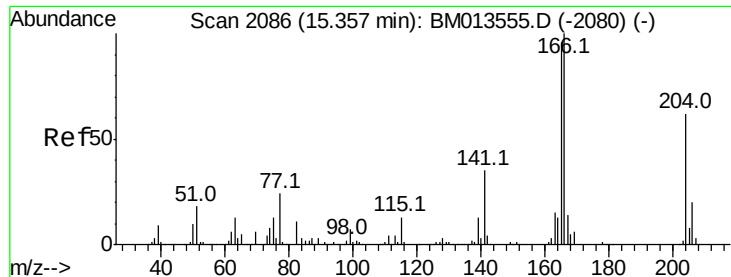


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

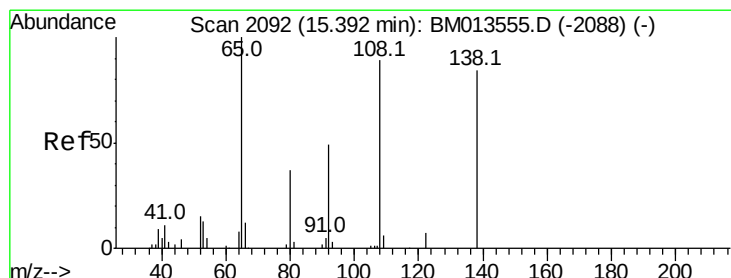
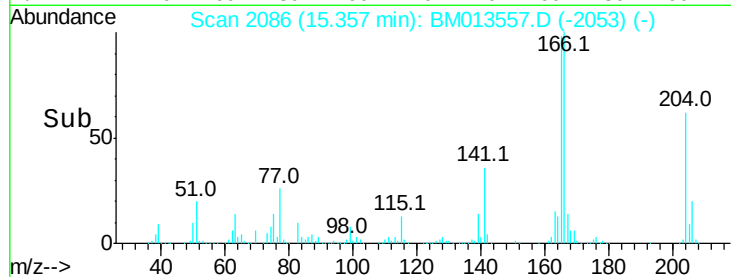
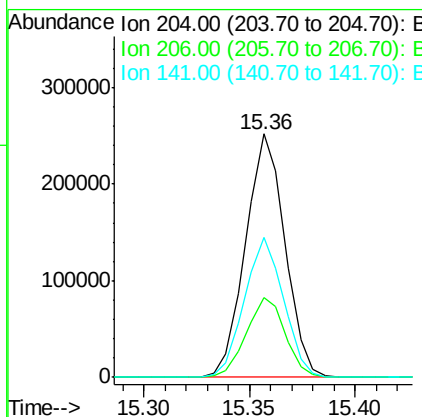
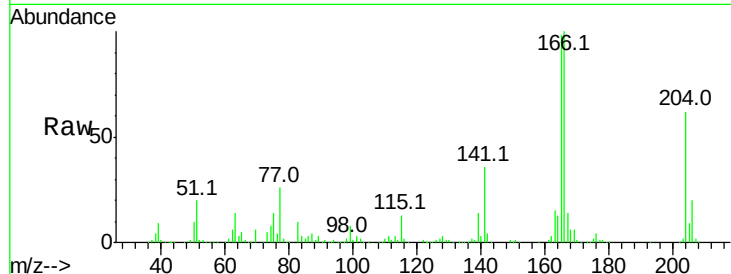




#59
 4-Chlorophenyl-phenylether
 Concen: 19.313 ng/ul
 RT: 15.36 min Scan# 2086
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

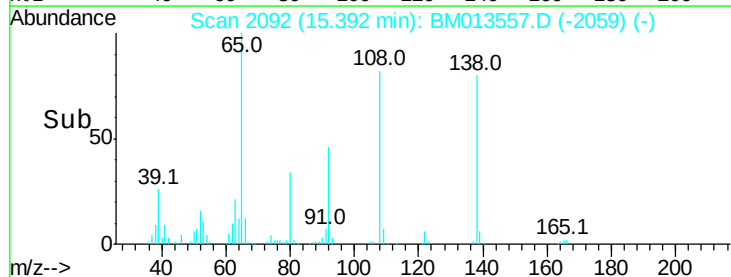
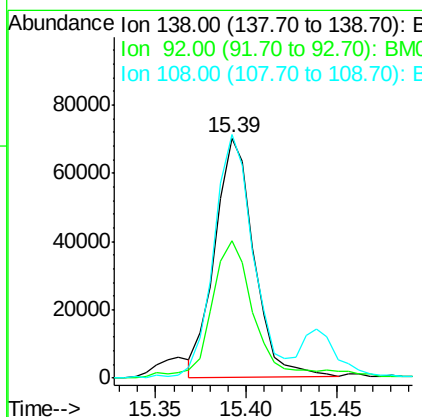
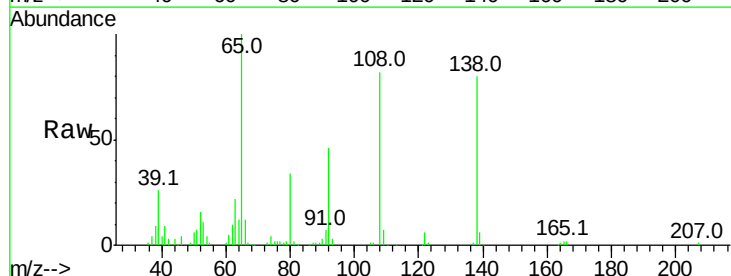
Instrument :
 BNA_M
 ClientSampleId :

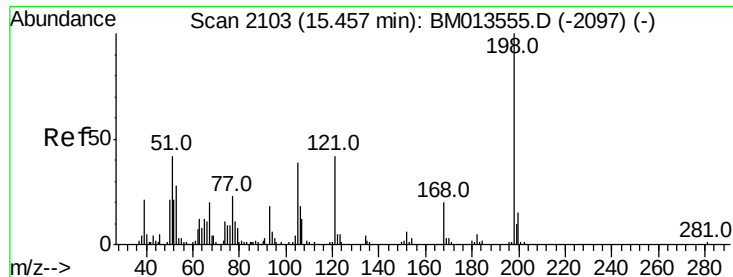
Tot Ion:204 Resp: 326573
 Ion Ratio Lower Upper
 204 100
 206 32.9 24.8 37.2
 141 57.6 44.3 66.5



#60
 4-Nitroaniline
 Concen: 15.486 ng/ul
 RT: 15.39 min Scan# 2092
 Delta R.T. -0.01 min
 Lab File: BM013557.D
 Acq: 04 Jan 2018 13:36

Tgt Ion:138 Resp: 104467
 Ion Ratio Lower Upper
 138 100
 92 57.2 40.0 60.0
 108 101.5 80.0 120.0

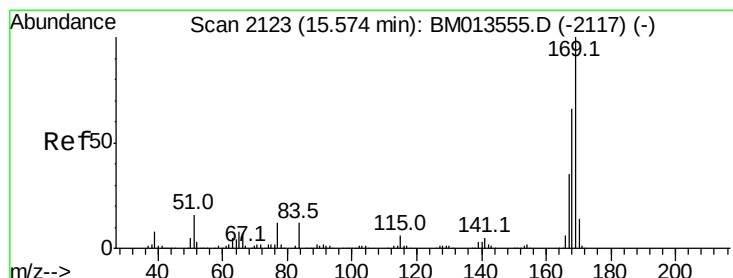
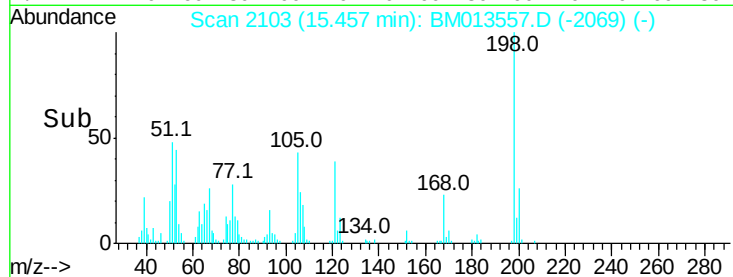
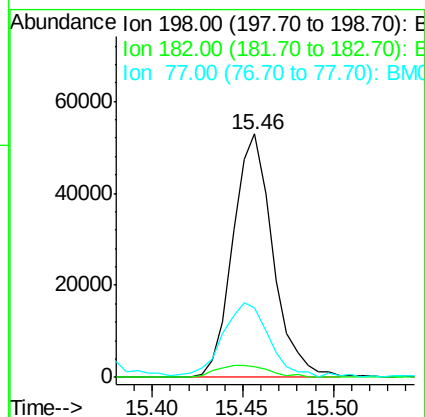
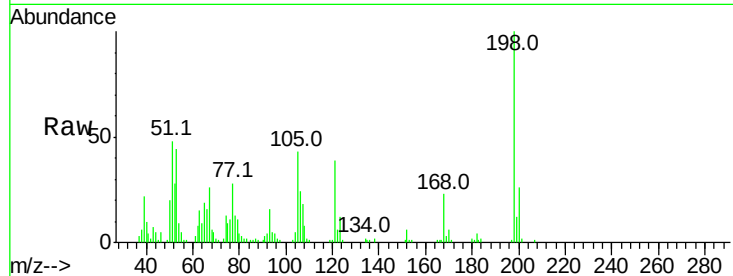




#63
4,6-Dinitro-2-methylphenol
Concen: 16.902 ng/ul
RT: 15.46 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

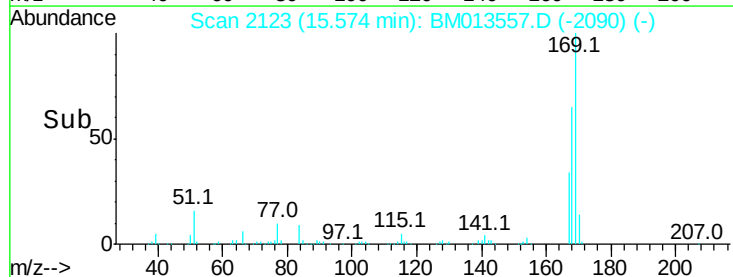
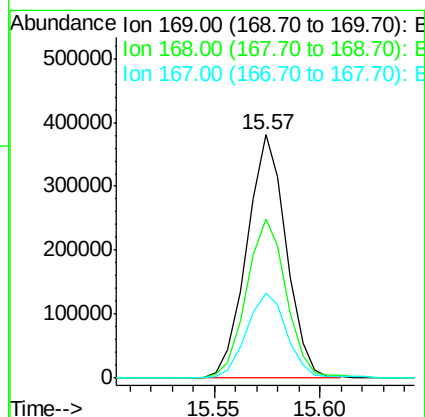
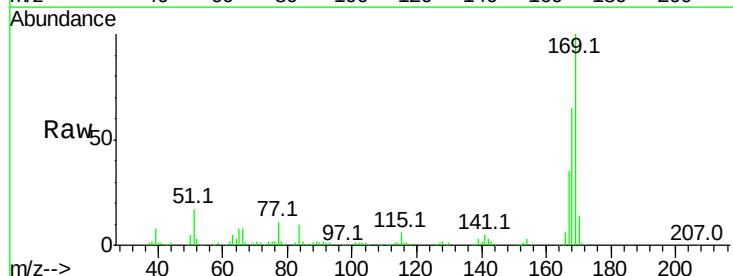
Instrument :
BNA_M
ClientSampleId :

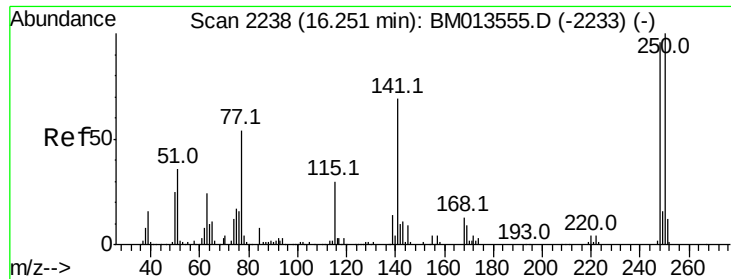
Tot Ion:198 Resp: 81058
Ion Ratio Lower Upper
198 100
182 4.2 3.8 5.6
77 28.5 25.2 37.8



#64
N-Nitrosodiphenylamine
Concen: 21.853 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:169 Resp: 491091
Ion Ratio Lower Upper
169 100
168 65.4 54.0 81.0
167 35.0 29.1 43.7

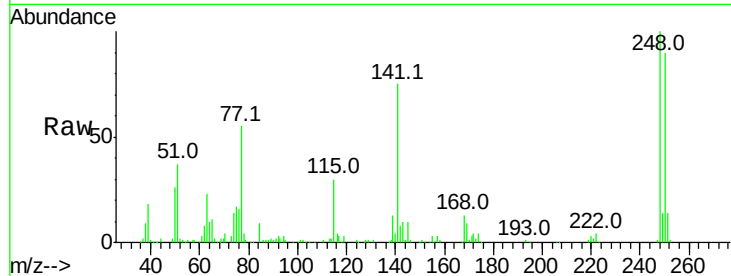




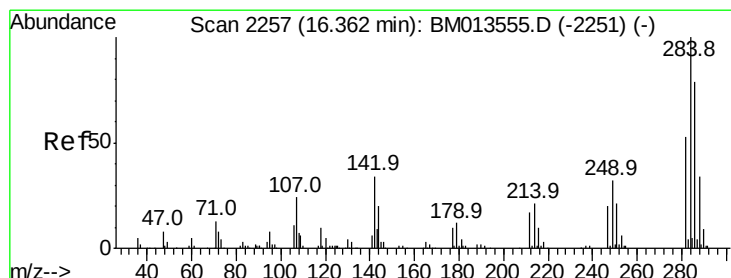
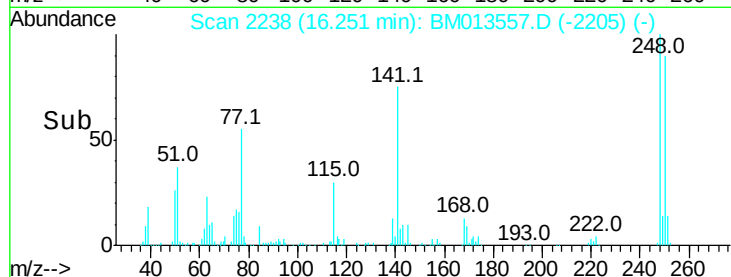
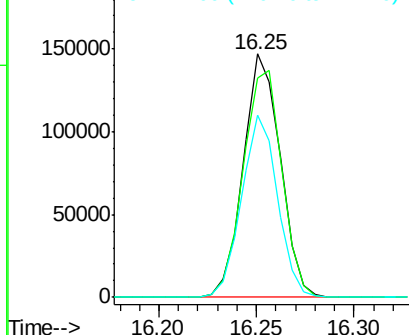
#65
4-Bromophenyl-phenylether
Concen: 21.619 ng/ul
RT: 16.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 193878
Ion Ratio Lower Upper
248 100
250 90.0 80.5 120.7
141 74.8 53.6 80.4

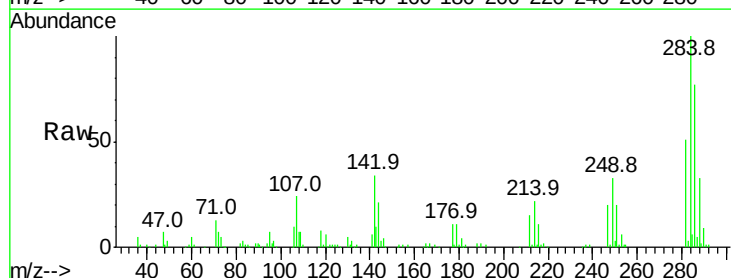


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

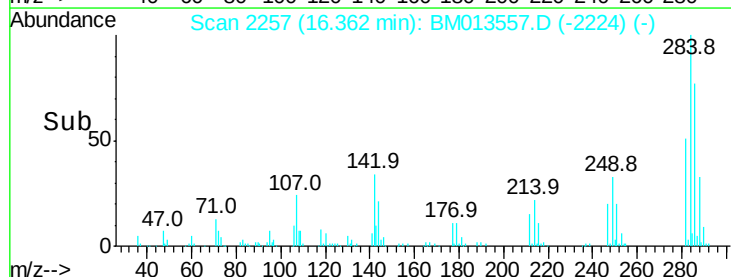
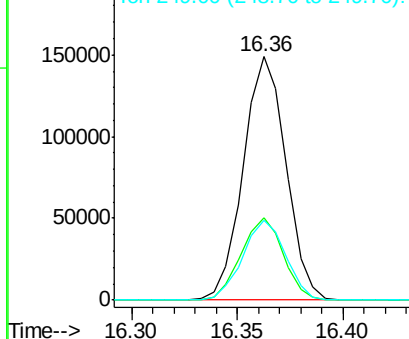


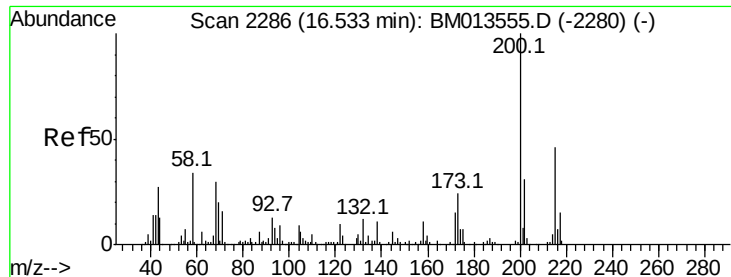
#66
Hexachlorobenzene
Concen: 21.171 ng/ul
RT: 16.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:284 Resp: 209382
Ion Ratio Lower Upper
284 100
142 33.9 21.2 31.8#
249 32.8 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

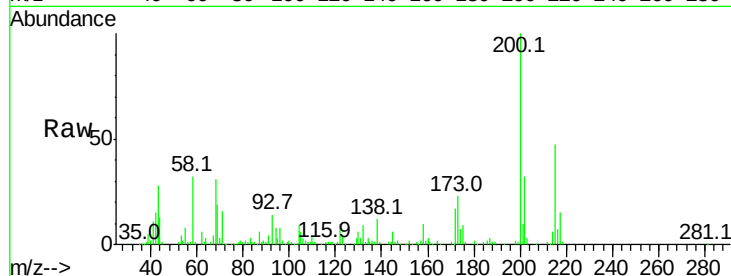




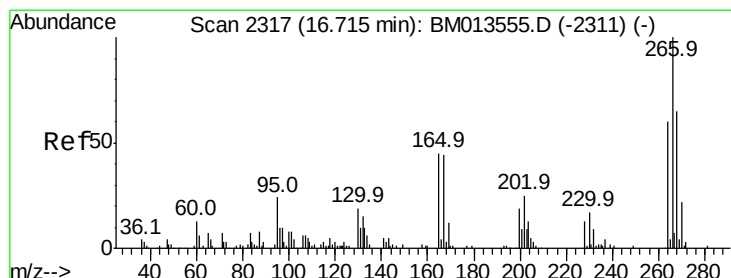
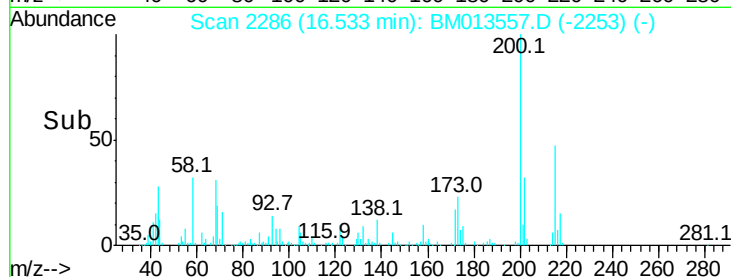
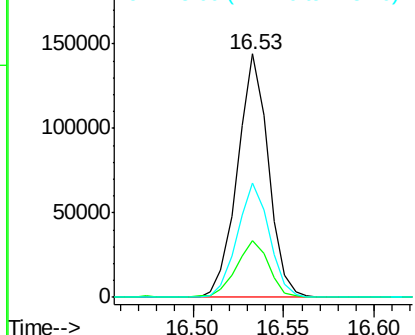
#67
Atrazine
Concen: 20.645 ng/ul
RT: 16.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.2	18.2	27.2
215	47.0	35.0	52.4

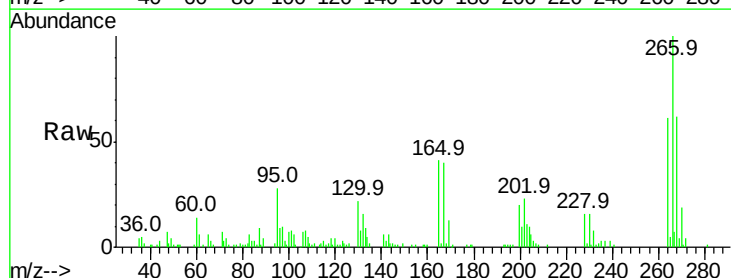


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

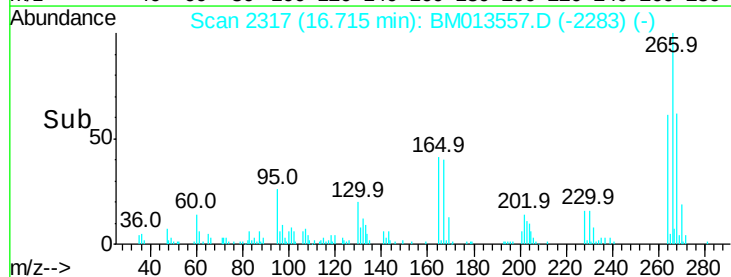
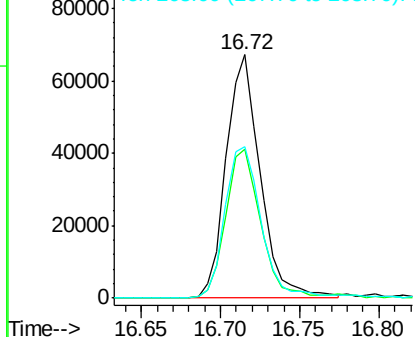


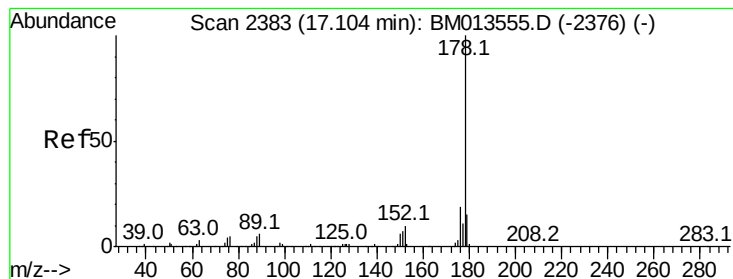
#68
Pentachlorophenol
Concen: 17.585 ng/ul
RT: 16.72 min Scan# 2317
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion	Ratio	Lower	Upper
266	100		
264	61.1	49.3	73.9
268	62.0	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: 20.904 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

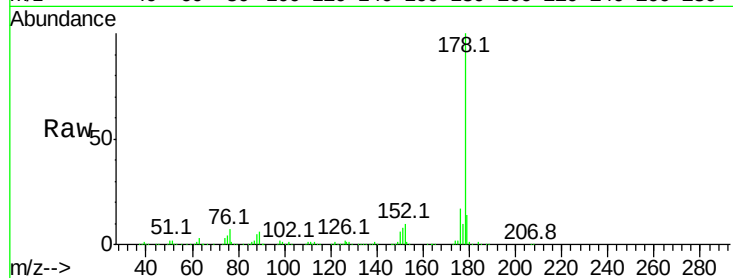
Tot Ion:178 Resp: 906009

Ion Ratio Lower Upper

178 100

179 14.4 12.6 19.0

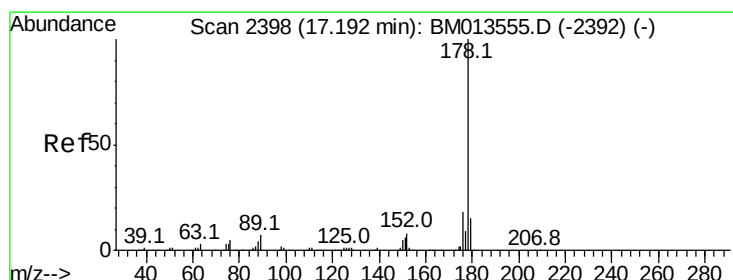
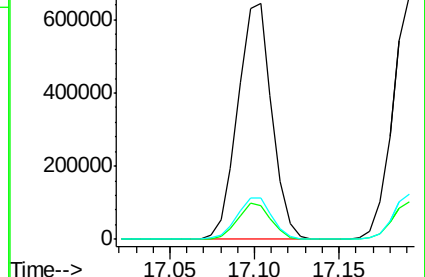
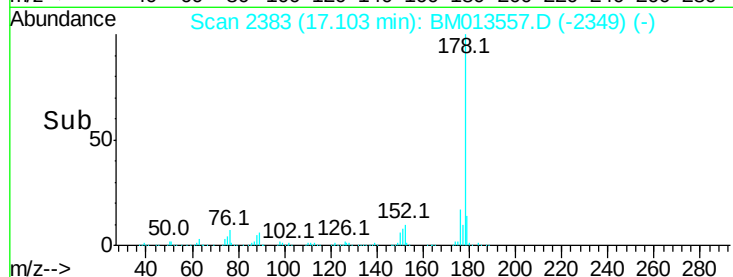
176 17.5 14.9 22.3



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: 20.475 ng/ul

RT: 17.19 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

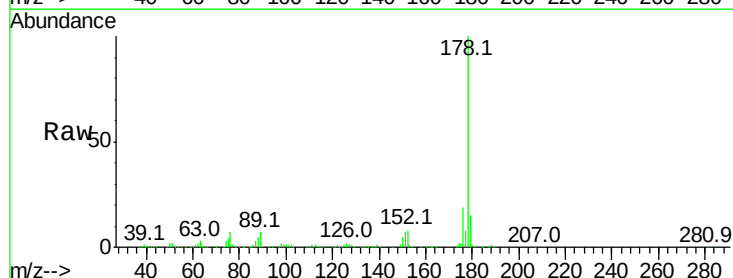
Tgt Ion:178 Resp: 907093

Ion Ratio Lower Upper

178 100

179 15.2 11.7 17.5

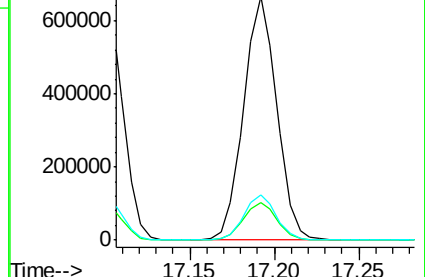
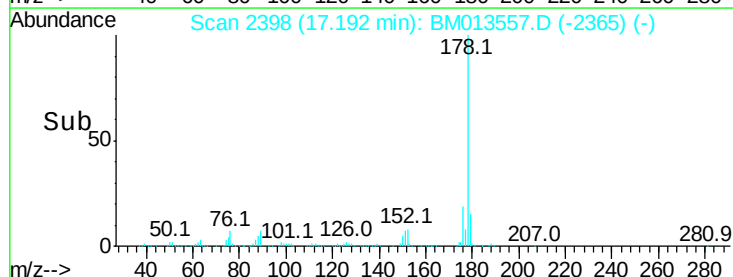
176 18.6 14.6 21.8

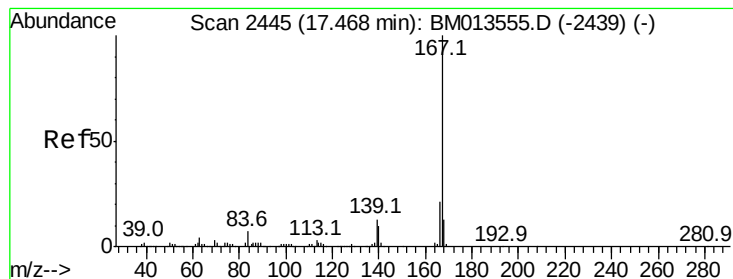


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.904 ng/ul

RT: 17.47 min Scan# 2445

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

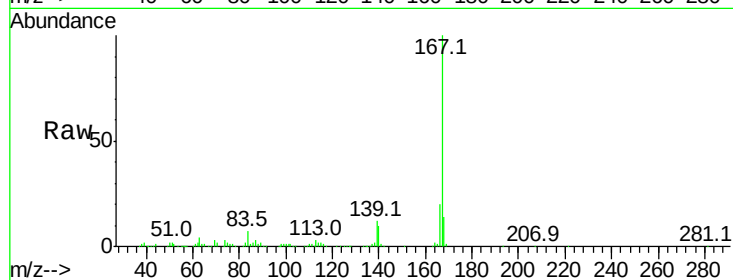
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 720341

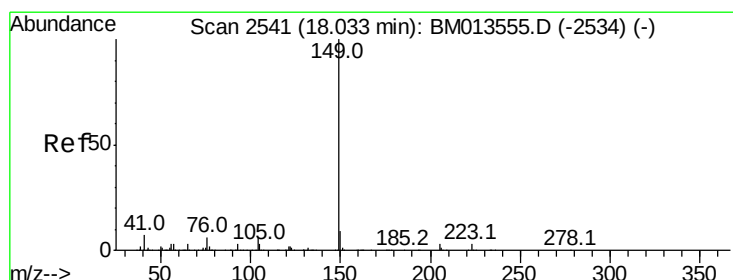
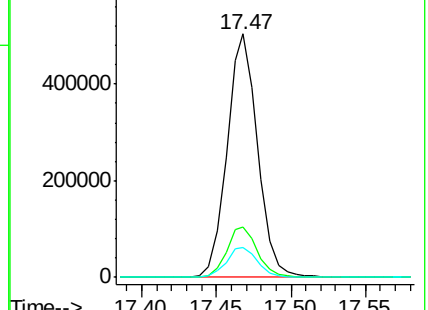
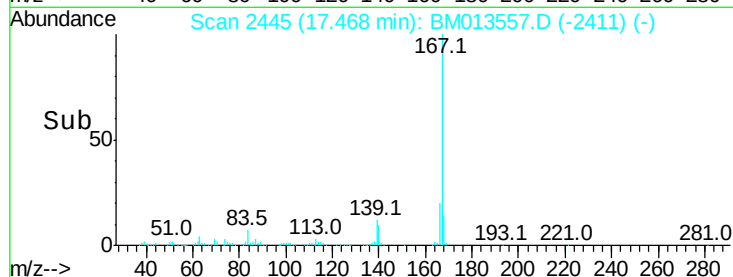
Ion	Ratio	Lower	Upper
167	100		
166	20.5	17.1	25.7
139	12.1	10.0	15.0



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: 19.473 ng/ul

RT: 18.03 min Scan# 2541

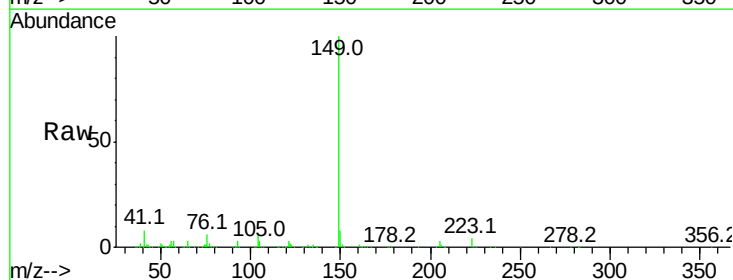
Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Tgt Ion:149 Resp: 866243

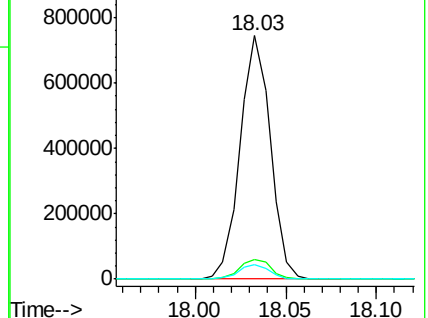
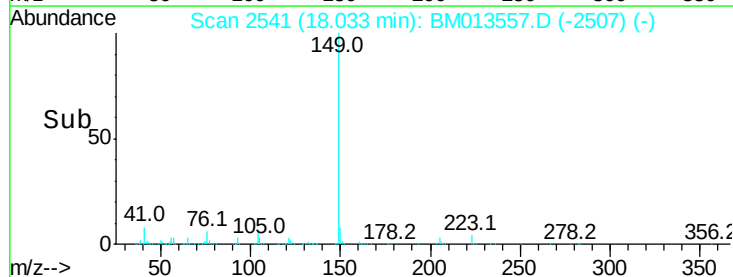
Ion	Ratio	Lower	Upper
149	100		
150	8.2	7.1	10.7
104	6.1	5.6	8.4

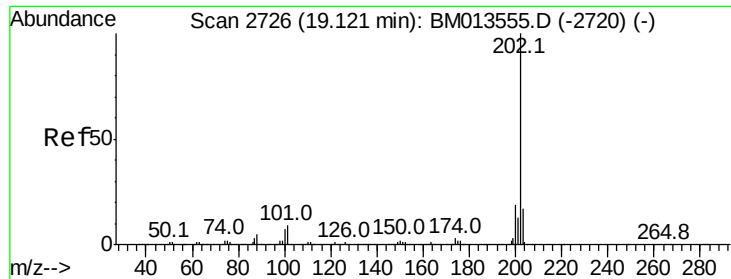


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 17.867 ng/ul

RT: 19.12 min Scan# 2726

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

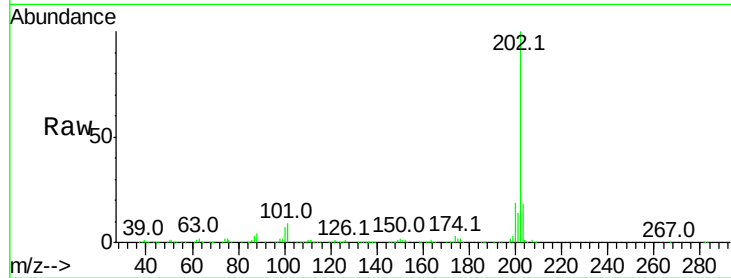
Tot Ion:202 Resp: 948995

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

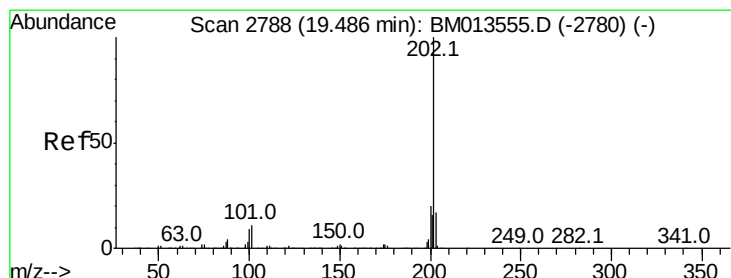
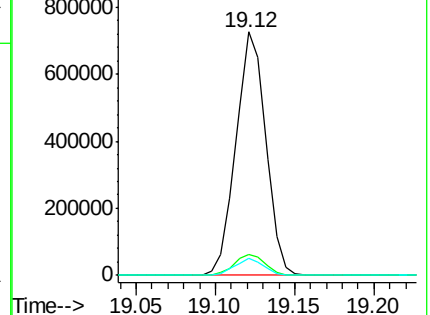
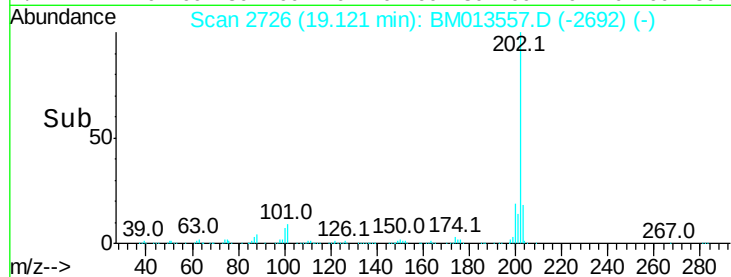
100 6.9 3.4 5.2#



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: 21.596 ng/ul

RT: 19.49 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

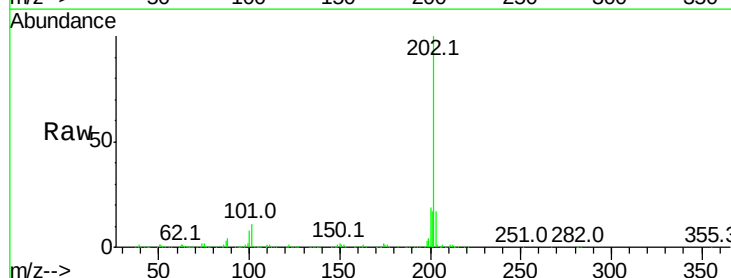
Tgt Ion:202 Resp: 970704

Ion Ratio Lower Upper

202 100

101 10.8 5.1 7.7#

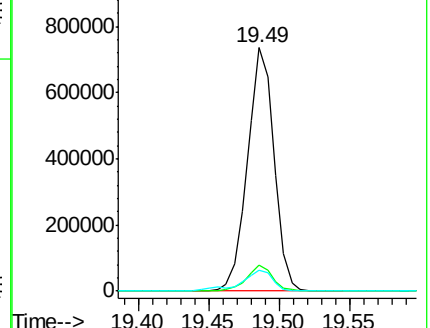
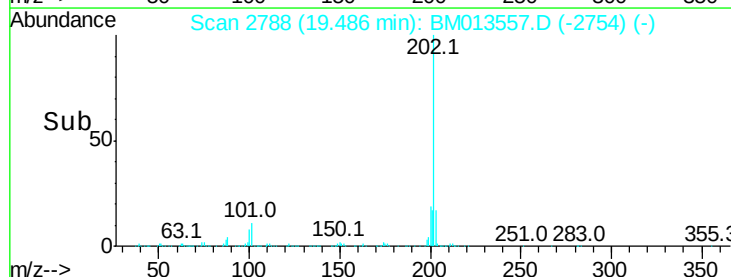
100 8.5 4.9 7.3#

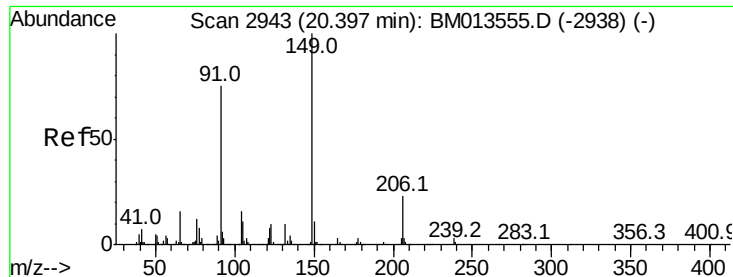


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

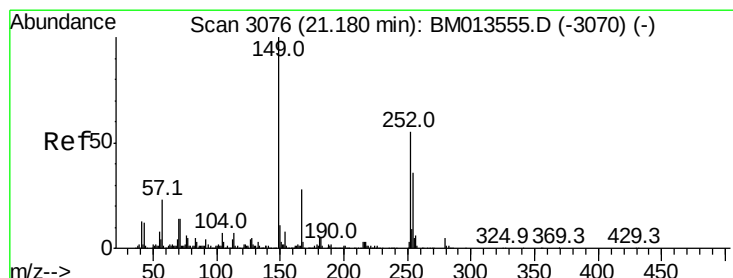
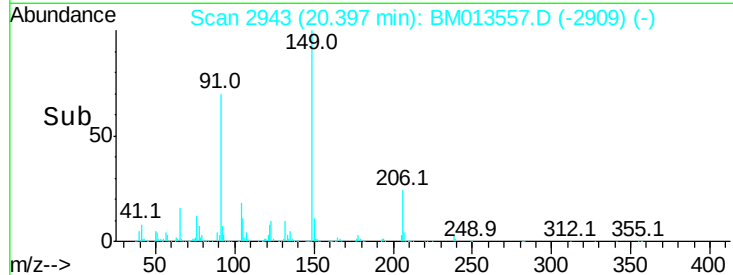
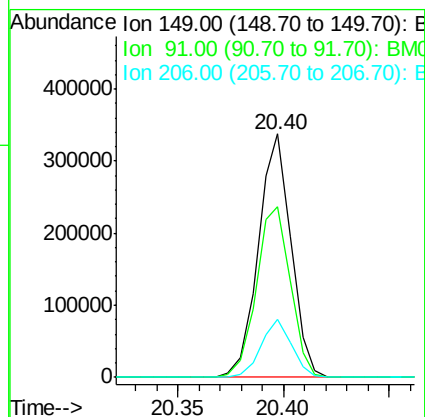
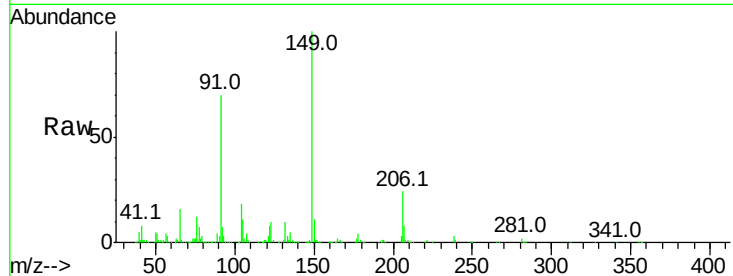




#78
Butylbenzylphthalate
Concen: 20.669 ng/ul
RT: 20.40 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

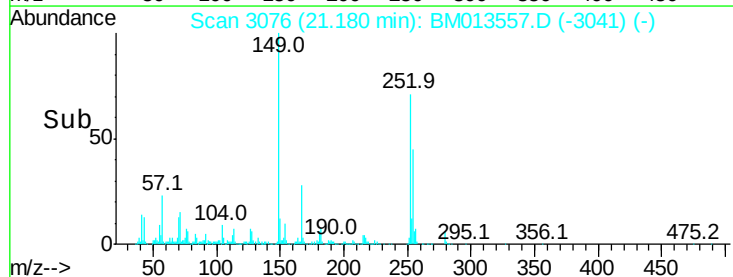
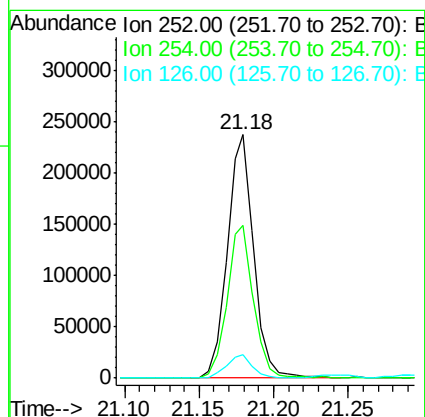
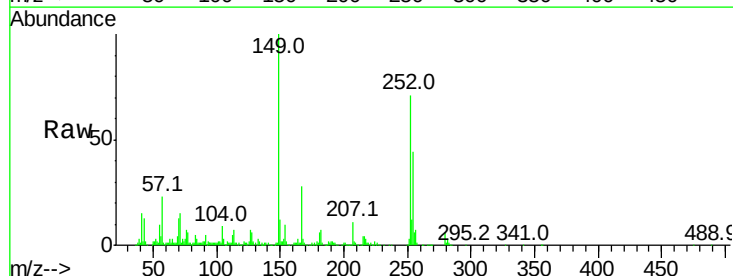
Instrument :
BNA_M
ClientSampleId :

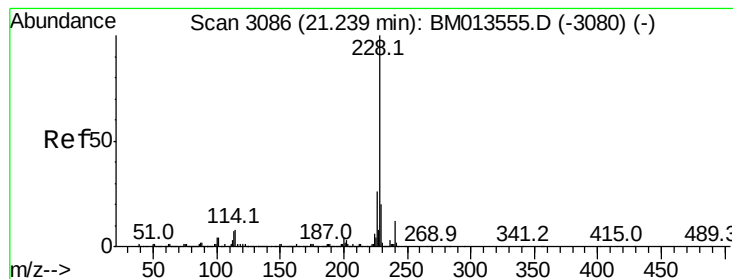
Tot Ion:149 Resp: 362993
Ion Ratio Lower Upper
149 100
91 70.0 62.7 94.1
206 23.9 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 18.938 ng/ul
RT: 21.18 min Scan# 3076
Delta R.T. 0.01 min
Lab File: BM013557.D
Acq: 04 Jan 2018 13:36

Tgt Ion:252 Resp: 294534
Ion Ratio Lower Upper
252 100
254 62.8 54.5 81.7
126 9.7 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 19.884 ng/ul

RT: 21.24 min Scan# 3086

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

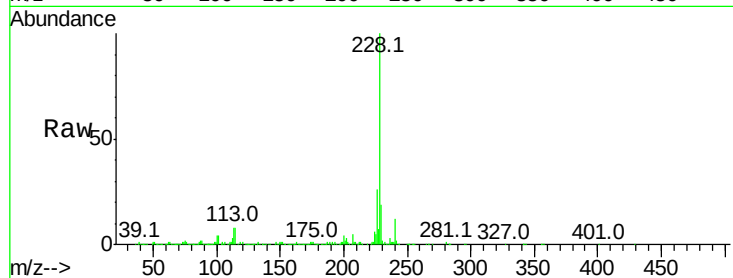
Tot Ion:228 Resp: 933373

Ion	Ratio	Lower	Upper
228	100		
229	19.1	15.4	23.0
226	25.6	21.4	32.0

228 100

229 19.1 15.4 23.0

226 25.6 21.4 32.0

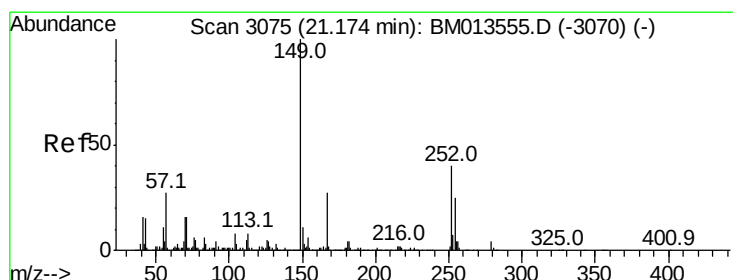
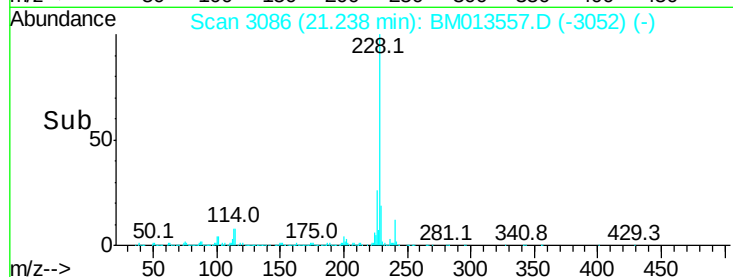
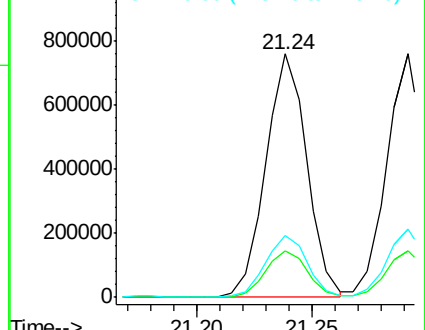


Abundance

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: 19.447 ng/ul

RT: 21.17 min Scan# 3075

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

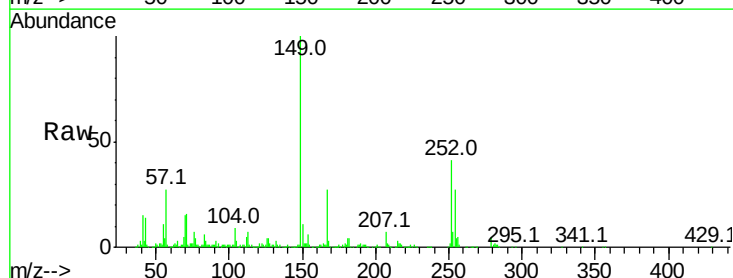
Tgt Ion:149 Resp: 514790

Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.8	34.2
279	5.0	4.9	7.3

149 100

167 27.2 22.8 34.2

279 5.0 4.9 7.3

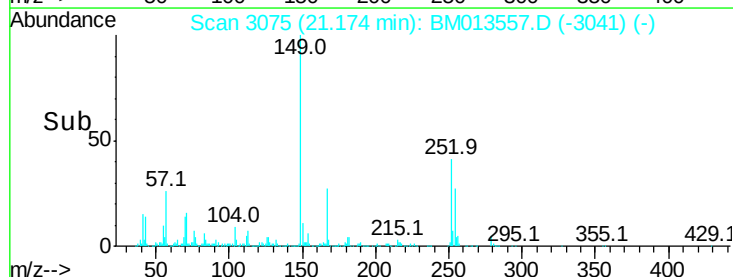
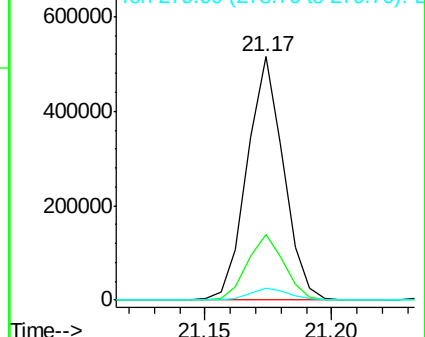


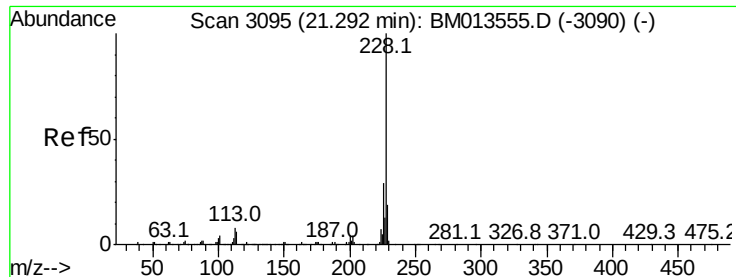
Abundance

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: 20.471 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

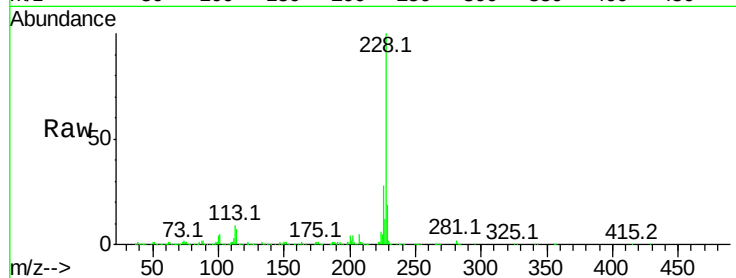
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 891501

Ion	Ratio	Lower	Upper
228	100		
226	27.8	23.4	35.2
229	19.3	15.5	23.3

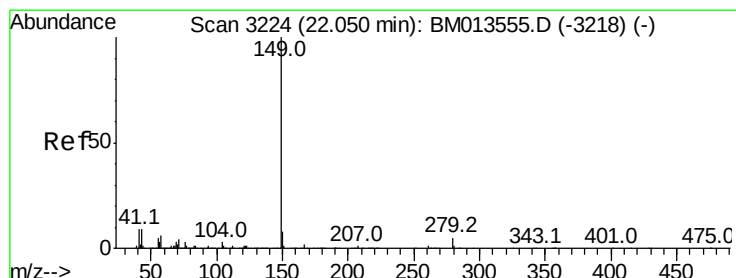
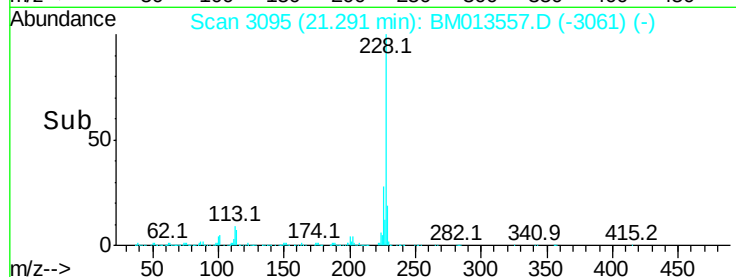
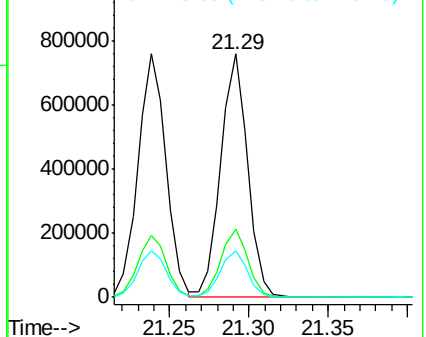


Abundance

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: 16.694 ng/ul

RT: 22.05 min Scan# 3224

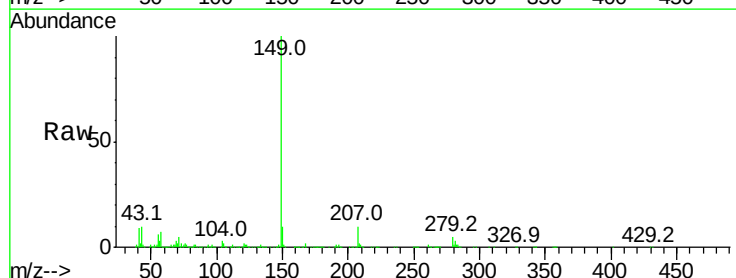
Delta R.T. 0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Tgt Ion:149 Resp: 857778

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.8	7.3	10.9

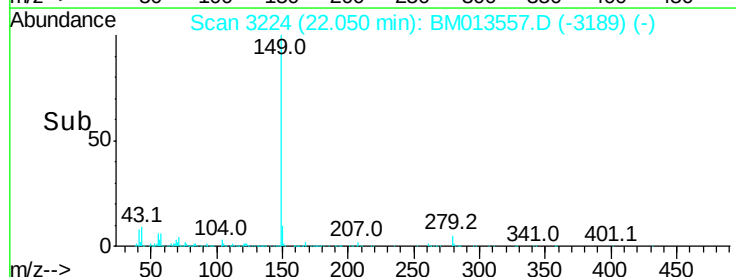
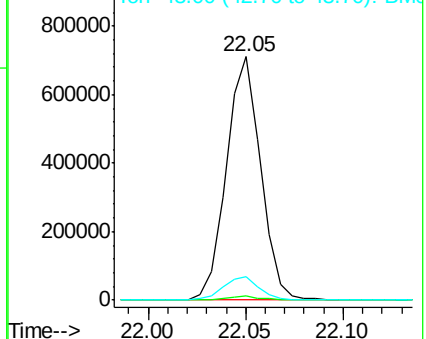


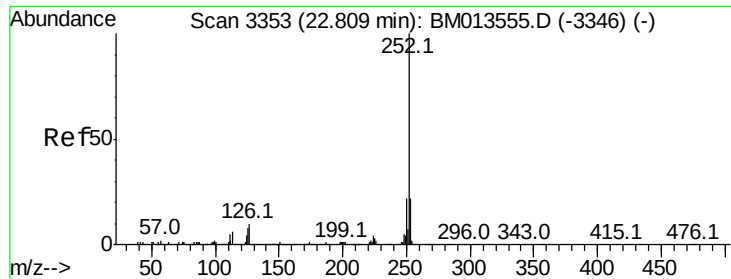
Abundance

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: 19.048 ng/ul

RT: 22.81 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

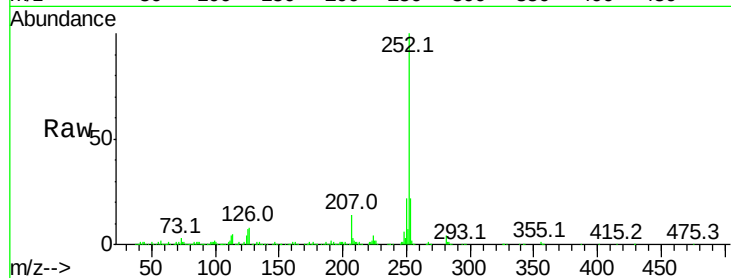
Tot Ion:252 Resp: 927823

Ion Ratio Lower Upper

252 100

253 21.8 17.9 26.9

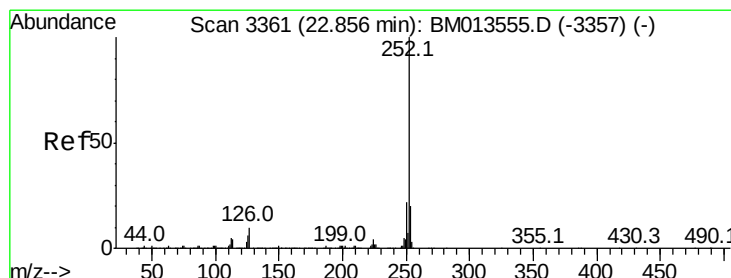
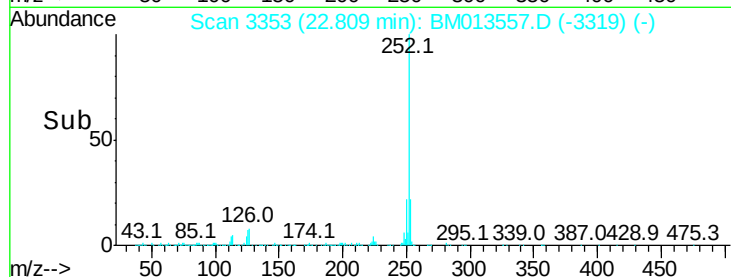
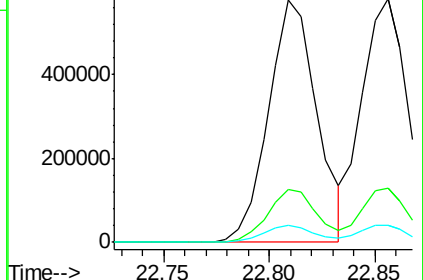
125 7.2 3.6 5.4#



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: 19.376 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

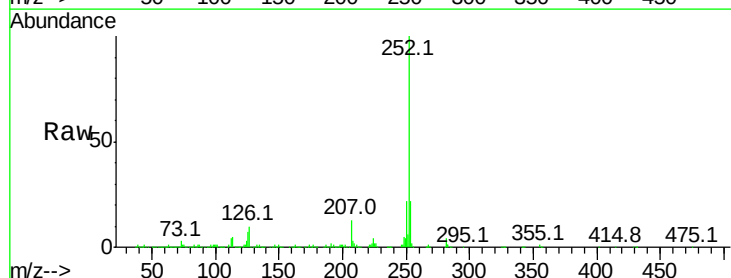
Tgt Ion:252 Resp: 888171

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

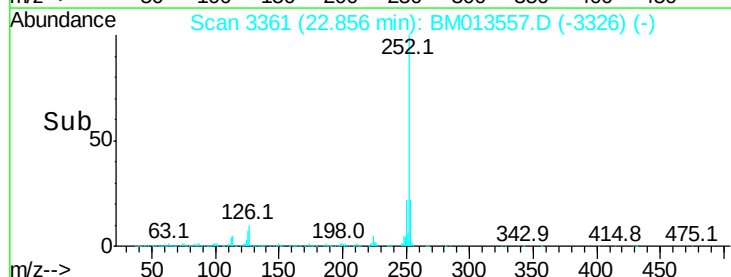
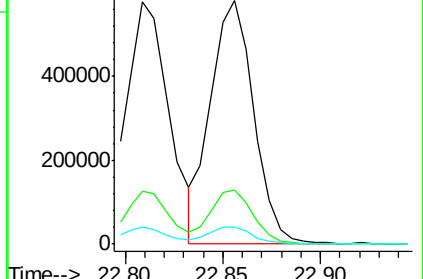
125 6.9 3.4 5.2#

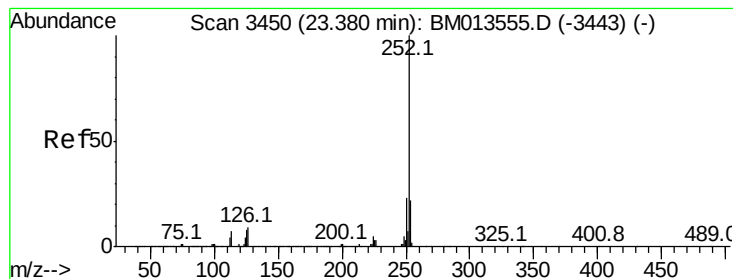


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.288 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

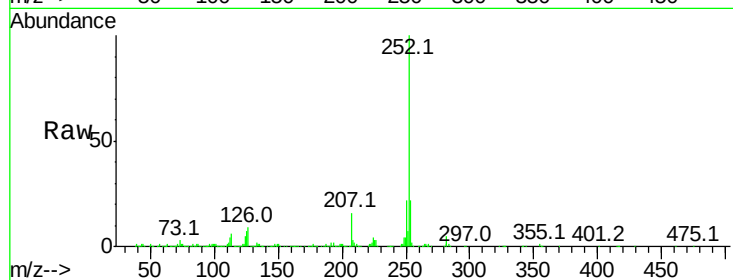
Instrument :

BNA_M

ClientSampleId :

Tot Ion:252 Resp: 887749

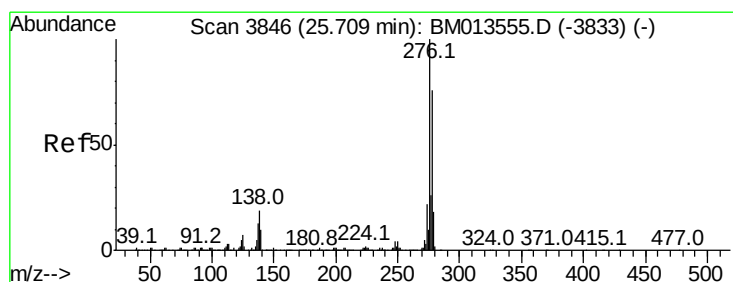
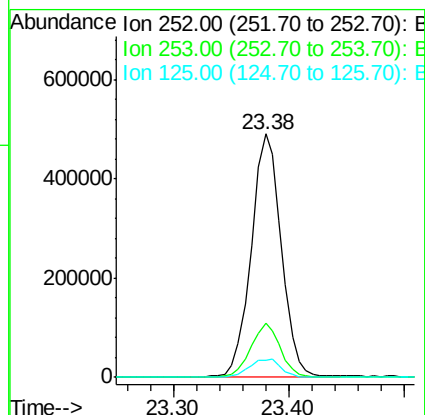
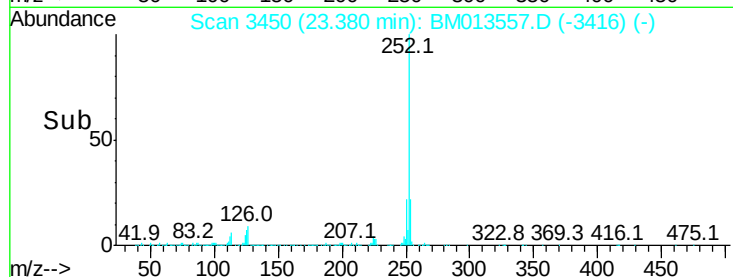
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	7.1	4.0	6.0



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: 24.162 ng/ul

RT: 25.71 min Scan# 3846

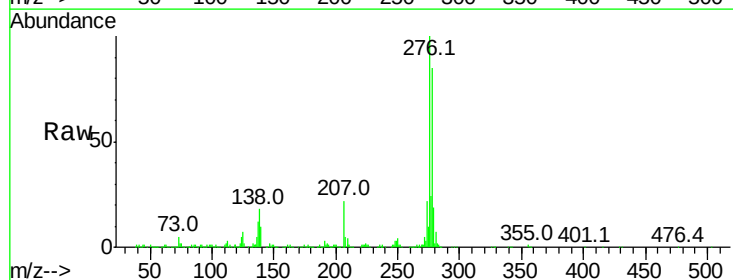
Delta R.T. 0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Tgt Ion:276 Resp: 1049034

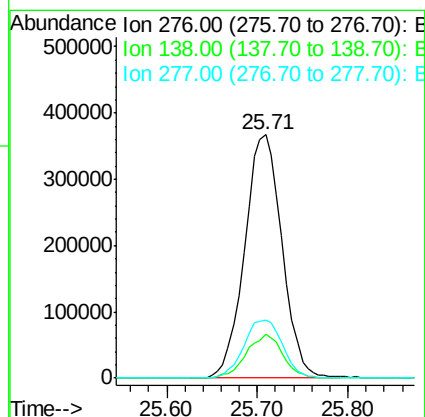
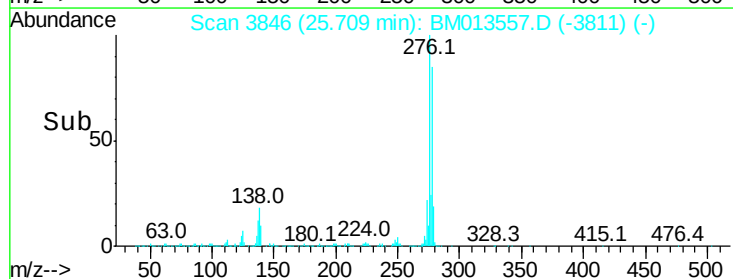
Ion	Ratio	Lower	Upper
276	100		
138	17.8	9.3	13.9
277	23.8	19.9	29.9

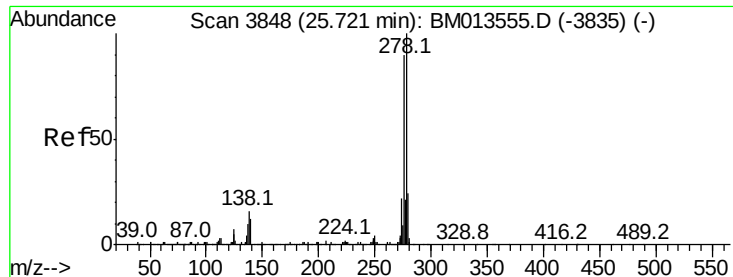


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 23.881 ng/ul

RT: 25.71 min Scan# 3847

Delta R.T. 0.01 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

Instrument :

BNA_M

ClientSampleId :

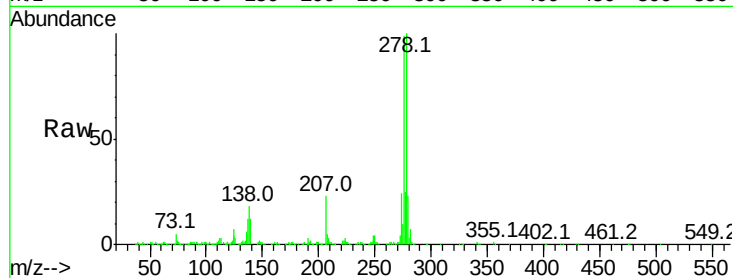
Tot Ion:278 Resp: 882858

Ion Ratio Lower Upper

278 100

139 12.2 5.8 8.8#

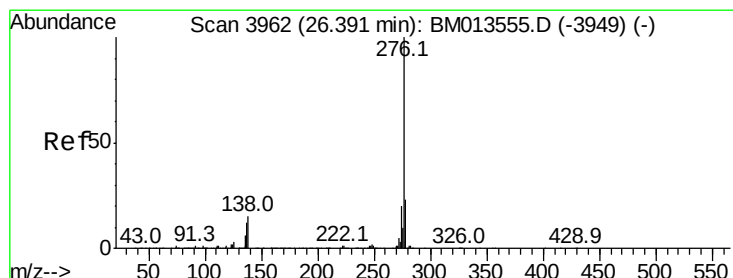
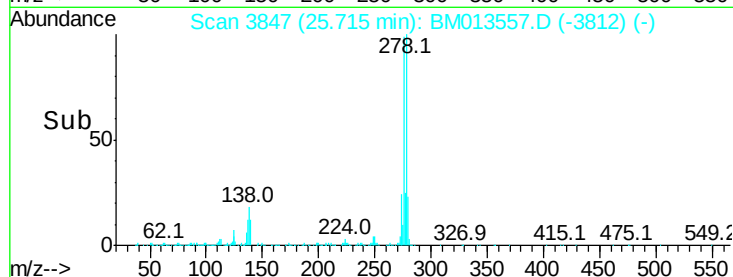
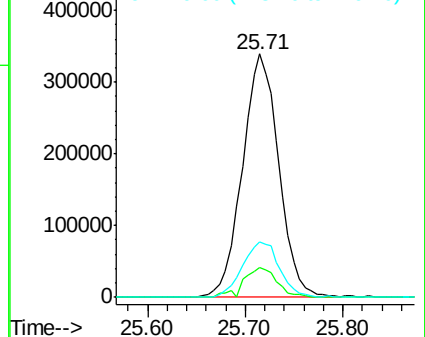
279 22.8 18.6 27.8



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: 25.505 ng/ul

RT: 26.39 min Scan# 3961

Delta R.T. -0.00 min

Lab File: BM013557.D

Acq: 04 Jan 2018 13:36

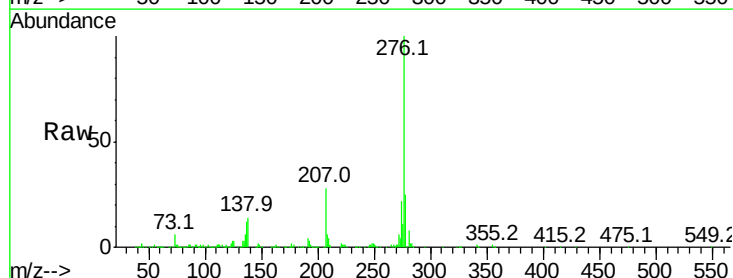
Tgt Ion:276 Resp: 873433

Ion Ratio Lower Upper

276 100

138 14.0 8.5 12.7#

277 24.9 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

