

Data Path : U:\HPCHEM1\BNA M\DATA\BM010418\
 Data File : BM013555.D
 Acq On : 04 Jan 2018 12:24
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jan 04 15:55:34 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 27 03:26:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	179268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	752858	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	434535	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	921198	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	735422	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	696959	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	29371	8.11	ng/uL	0.00
5) Phenol-d5	6.85	99	308483	19.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	183462	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	253494	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	252964	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	124918	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	134619	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	262298	19.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	294209	24.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	770497	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	996507	20.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	105413	15.69	ng/ul	0.00
57) Fluorene-d10	15.30	176	641953	19.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	93490	16.13	ng/ul	0.00
70) Anthracene-d10	17.16	188	961145	20.83	ng/ul	0.00
76) Pyrene-d10	19.46	212	885076	24.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	720613	20.30	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.25	88	33214	8.174	ng/uL# 65
4) Benzaldehyde	6.82	77	170844	22.261	ng/ul 92
6) Phenol	6.87	94	305902	19.951	ng/ul# 83
8) Bis(2-Chloroethyl)ether	7.10	93	246990	21.068	ng/ul 99
10) 2-Chlorophenol	7.23	128	242641	20.417	ng/ul 94
11) 2-Methylphenol	8.10	108	229558	19.358	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	271290	22.039	ng/ul# 85
14) Acetophenone	8.49	105	390217	19.365	ng/ul 89
15) N-Nitroso-di-n-propylamine	8.47	70	203990	20.097	ng/ul# 71
16) 4-Methylphenol	8.43	108	256451	20.223	ng/ul 99
17) Hexachloroethane	8.73	117	111338	21.518	ng/ul# 78
20) Nitrobenzene	8.86	77	304743	20.262	ng/ul 97
21) Isophorone	9.38	82	555950	21.008	ng/ul# 95
23) 2-Nitrophenol	9.56	139	139772	21.099	ng/ul# 81
24) 2,4-Dimethylphenol	9.63	107	289548	20.040	ng/ul# 83
25) Bis(2-Chloroethoxy)methane	9.86	93	331688	21.415	ng/ul 92
27) 2,4-Dichlorophenol	10.09	162	241242	19.834	ng/ul# 90
28) Naphthalene	10.49	128	800964	20.679	ng/ul 99
30) 4-Chloroaniline	10.61	127	287566	24.544	ng/ul 95
31) Hexachlorobutadiene	10.77	225	173121	19.650	ng/ul 93
32) Caprolactam	11.39	113	69075	17.770	ng/ul# 42
33) 4-Chloro-3-methylphenol	11.74	107	258865	19.402	ng/ul 98
34) 2-Methylnaphthalene	12.11	142	580430	19.934	ng/ul 91

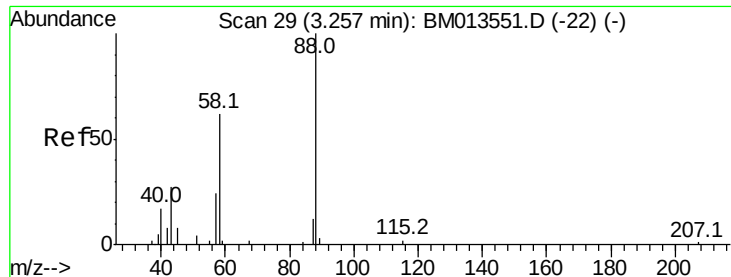
Data Path : U:\HPCHEM1\BNA M\DATA\BM010418\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	330119	21.054	ng/ul	96
37) Hexachlorocyclopentadiene	12.46	237	218524	21.174	ng/ul	96
38) 2,4,6-Trichlorophenol	12.73	196	205841	21.058	ng/ul	96
39) 2,4,5-Trichlorophenol	12.80	196	209205	20.148	ng/ul	98
40) 1,1'-Biphenyl	13.13	154	773713	21.068	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	599277	20.799	ng/ul	97
42) 2-Nitroaniline	13.39	65	169093	20.032	ng/ul	91
44) Dimethylphthalate	13.77	163	736787	19.922	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	147655	19.575	ng/ul	96
47) Acenaphthylene	14.03	152	930801	21.079	ng/ul	98
48) 3-Nitroaniline	14.23	138	135331	20.072	ng/ul	92
49) Acenaphthene	14.37	153	616998	20.511	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	59699	14.302	ng/ul	96
52) 4-Nitrophenol	14.54	109	96400	14.626	ng/ul	86
53) Dibenzofuran	14.71	168	897074	20.201	ng/ul	97
54) 2,4-Dinitrotoluene	14.69	165	211018	19.232	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.94	232	180632	18.973	ng/ul#	88
56) Diethylphthalate	15.14	149	724265	19.526	ng/ul	94
58) Fluorene	15.36	166	719309	19.580	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	390811	19.600	ng/ul	99
60) 4-Nitroaniline	15.39	138	128131	16.108	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	93986	16.230	ng/ul#	88
64) N-Nitrosodiphenylamine	15.57	169	602442	22.201	ng/ul	98
65) 4-Bromophenyl-phenylether	16.25	248	234979	21.699	ng/ul	96
66) Hexachlorobenzene	16.36	284	245602	20.566	ng/ul#	92
67) Atrazine	16.53	200	209201	20.886	ng/ul	96
68) Pentachlorophenol	16.72	266	117818	17.058	ng/ul	98
69) Phenanthrene	17.10	178	1072971	20.502	ng/ul	98
71) Anthracene	17.19	178	1109964	20.749	ng/ul	100
72) Carbazole	17.47	167	842566	18.311	ng/ul	100
73) Di-n-butylphthalate	18.03	149	1092387	20.336	ng/ul	99
74) Fluoranthene	19.12	202	1129309	17.608	ng/ul#	92
77) Pyrene	19.49	202	1110697	24.860	ng/ul#	89
78) Butylbenzylphthalate	20.40	149	392143	22.463	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.18	252	291203	18.836	ng/ul	96
80) Benzo(a)anthracene	21.24	228	945576	20.265	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	543433	20.653	ng/ul#	96
82) Chrysene	21.29	228	880239	20.334	ng/ul	99
84) Di-n-octyl phthalate	22.05	149	855612	17.264	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	901753	19.193	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	859089	19.430	ng/ul#	97
88) Benzo(a)pyrene	23.38	252	839501	19.891	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.71	276	1023712	24.446	ng/ul#	92
90) Dibenzo(a,h)anthracene	25.72	278	867411	24.326	ng/ul#	95
91) Benzo(g,h,i)perylene	26.39	276	858473	25.989	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 8.174 ng/uL

RT: 3.25 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

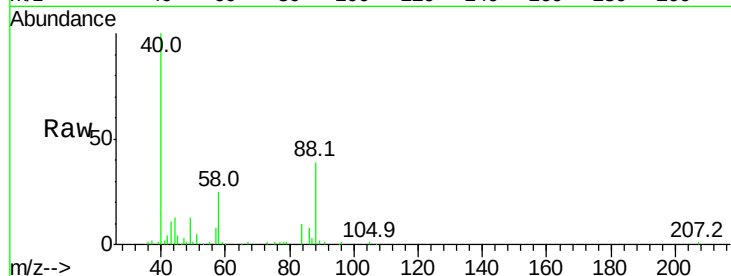
Tot Ion: 88 Resp: 33214

Ion Ratio Lower Upper

88 100

43 32.8 48.0 72.0#

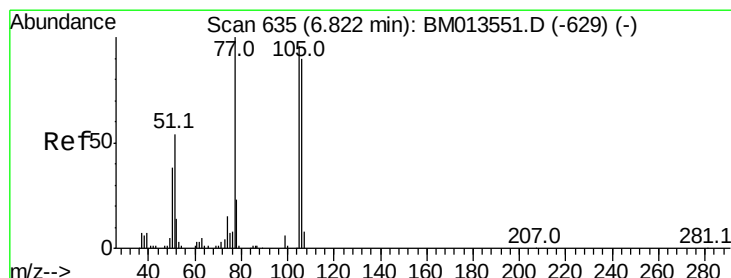
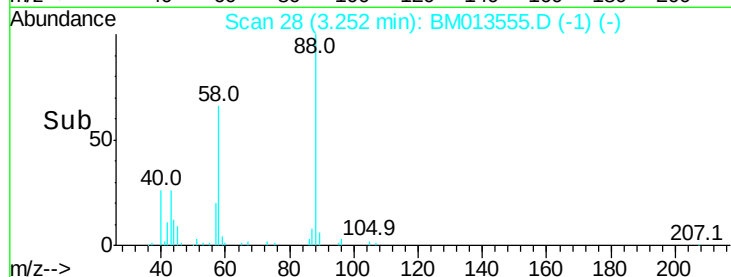
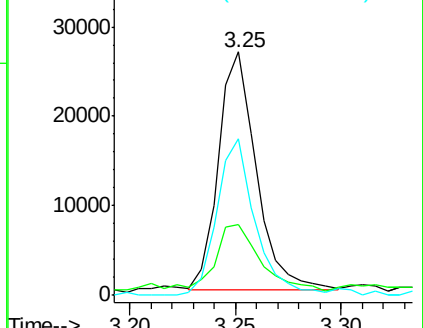
58 66.3 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013555.D (-22) (-)

Ion 43.00 (42.70 to 43.70): BM013555.D (-22) (-)

Ion 58.00 (57.70 to 58.70): BM013555.D (-22) (-)



#4

Benzaldehyde

Concen: 22.261 ng/uL

RT: 6.82 min Scan# 634

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

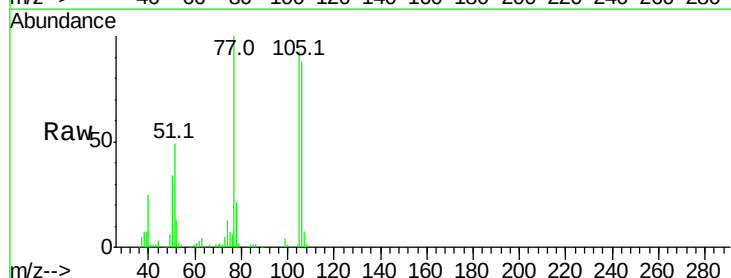
Tgt Ion: 77 Resp: 170844

Ion Ratio Lower Upper

77 100

105 93.2 66.1 99.1

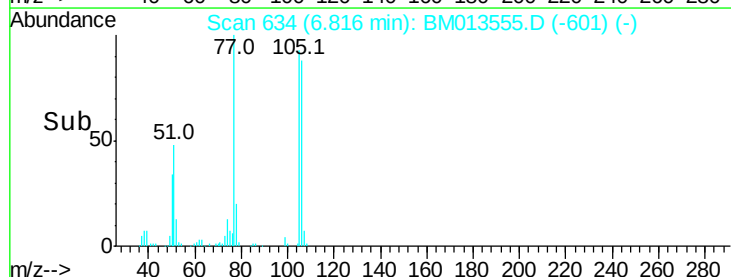
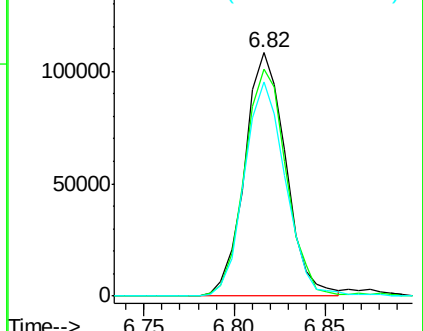
106 88.1 67.8 101.6

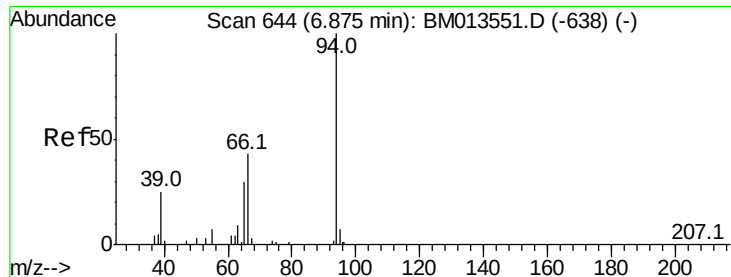


Abundance Ion 77.00 (76.70 to 77.70): BM013555.D (-629) (-)

Ion 105.00 (104.70 to 105.70): BM013555.D (-629) (-)

Ion 106.00 (105.70 to 106.70): BM013555.D (-629) (-)





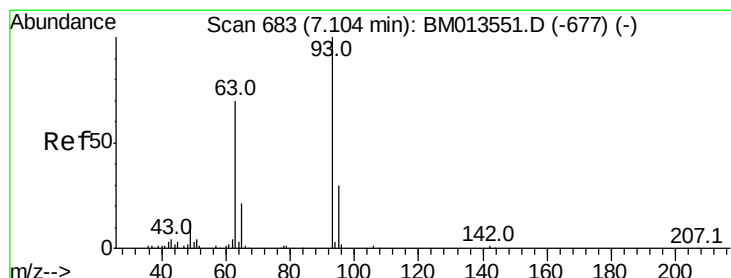
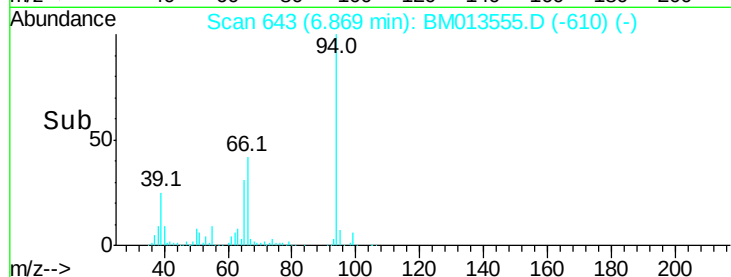
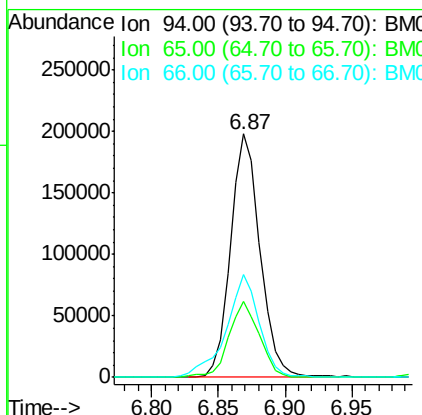
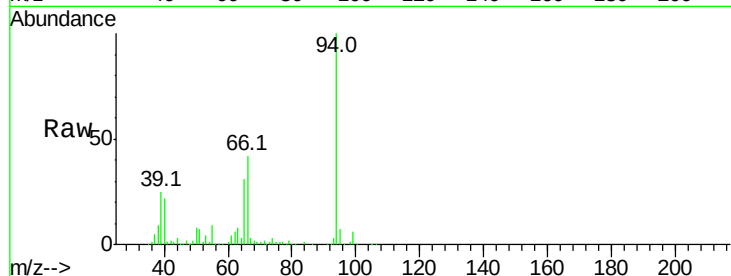
#6

Phenol

Concen: 19.951 ng/ul
 RT: 6.87 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	94	Resp	305902
Ion	Ratio	Lower	Upper
94	100		
65	31.4	28.2	42.4
66	42.2	47.2	70.8#

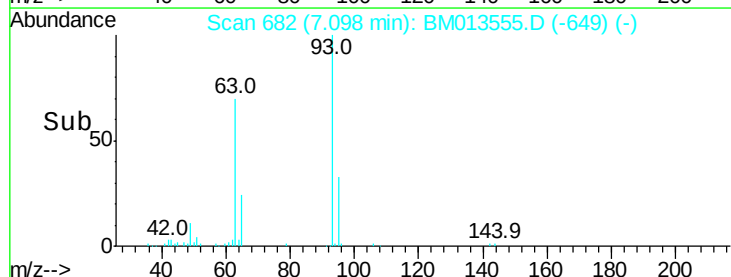
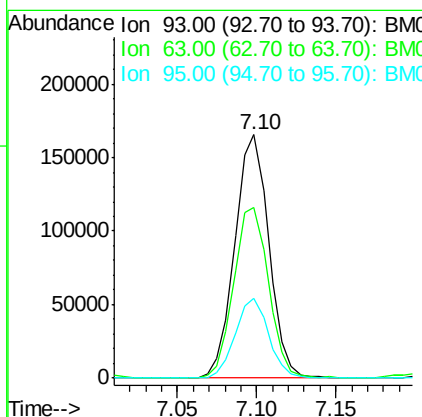
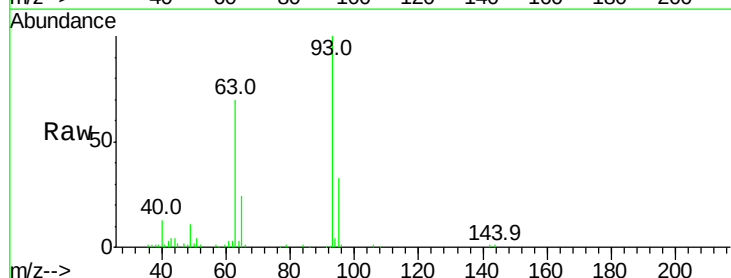


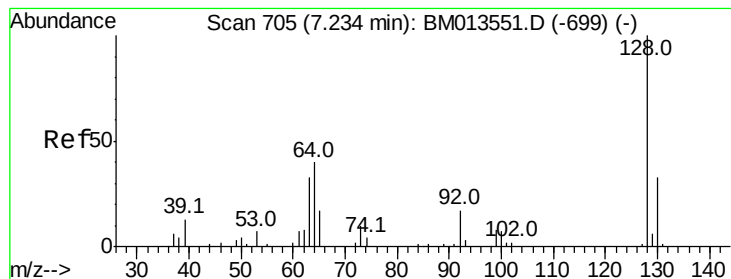
#8

Bis(2-Chloroethyl)ether

Concen: 21.068 ng/ul
 RT: 7.10 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

Tgt Ion	93	Resp	246990
Ion	Ratio	Lower	Upper
93	100		
63	70.3	57.3	85.9
95	33.0	26.6	39.8





#10

2-Chlorophenol

Concen: 20.417 ng/ul

RT: 7.23 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

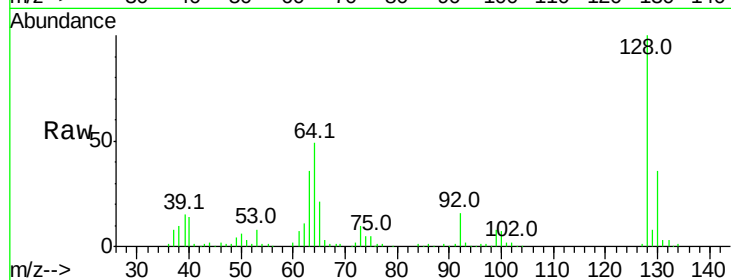
Tot Ion:128 Resp: 242641

Ion Ratio Lower Upper

128 100

64 49.5 38.0 57.0

130 35.9 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

200000

150000

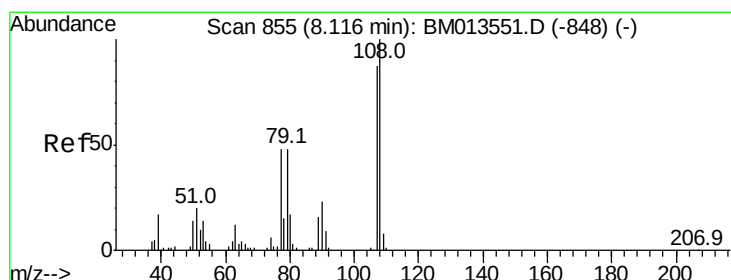
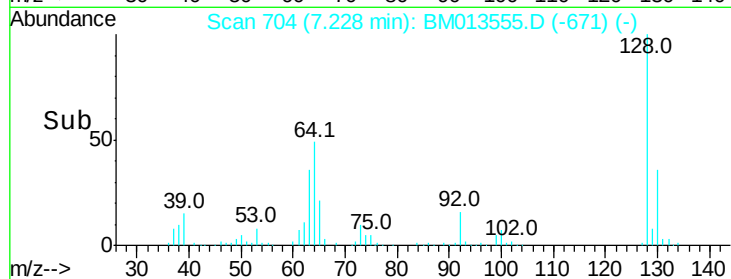
100000

50000

0

7.20 7.23 7.25 7.30

Time-->



#11

2-Methylphenol

Concen: 19.358 ng/ul

RT: 8.10 min Scan# 853

Delta R.T. -0.01 min

Lab File: BM013555.D

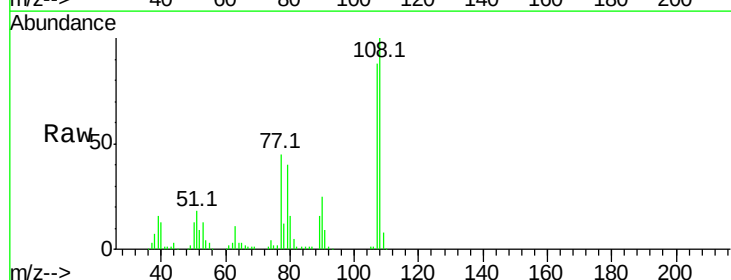
Acq: 04 Jan 2018 12:24

Tgt Ion:108 Resp: 229558

Ion Ratio Lower Upper

108 100

107 87.7 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

150000

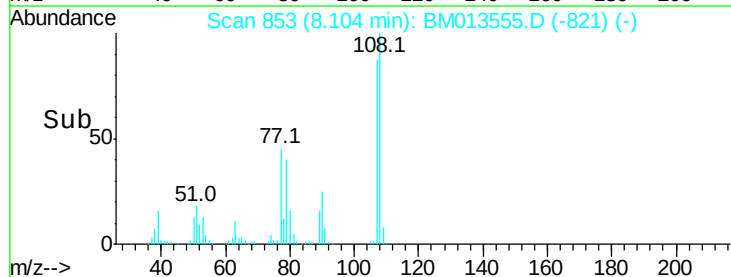
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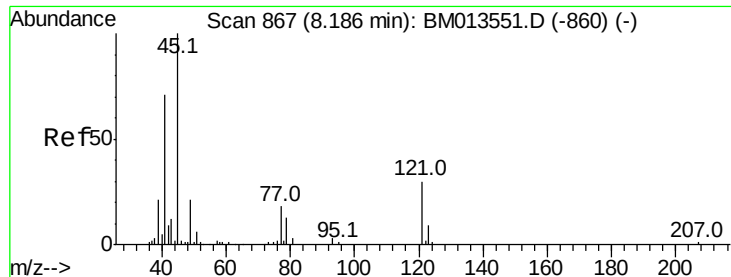
50000

0

8.05 8.10 8.15

Time-->





#12

2,2'-oxybis(1-Chloropropane)

Concen: 22.039 ng/ul

RT: 8.19 min Scan# 867

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

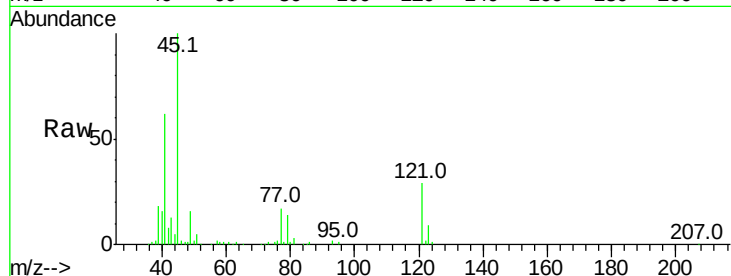
Tot Ion: 45 Resp: 271290

Ion Ratio Lower Upper

45 100

77 17.3 8.0 12.0#

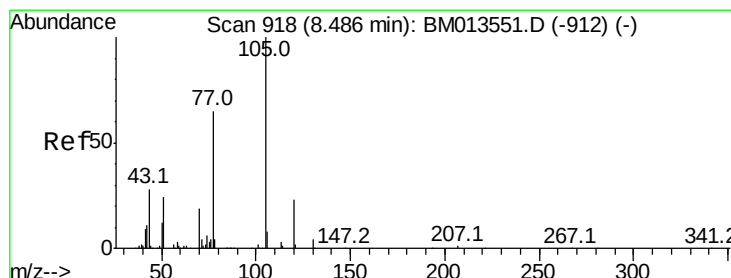
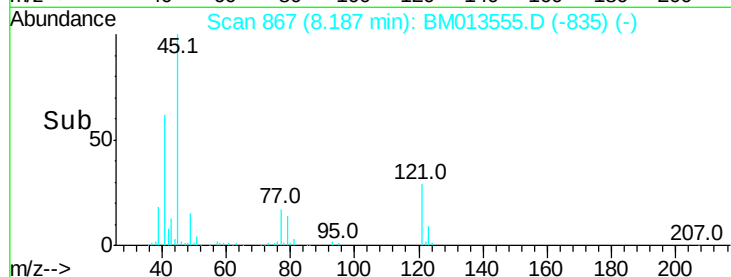
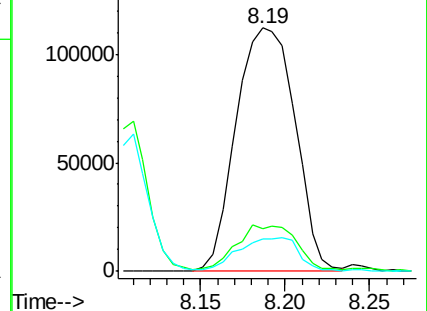
79 13.6 8.0 12.0#



Abundance Ion 45.00 (44.70 to 45.70): BM013555.D (-860) (-)

Ion 77.00 (76.70 to 77.70): BM013555.D (-860) (-)

Ion 79.00 (78.70 to 79.70): BM013555.D (-860) (-)



#14

Acetophenone

Concen: 19.365 ng/ul

RT: 8.49 min Scan# 918

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

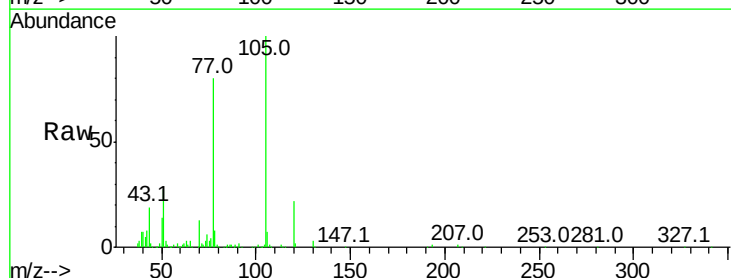
Tgt Ion:105 Resp: 390217

Ion Ratio Lower Upper

105 100

77 79.8 74.2 111.4

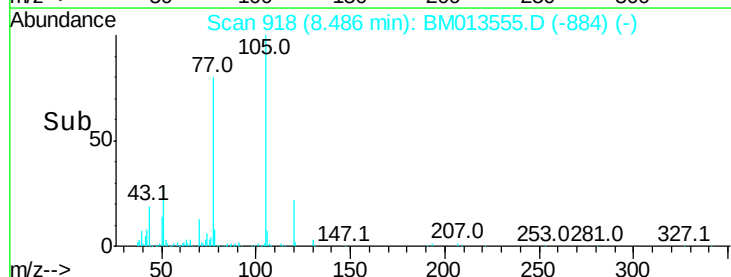
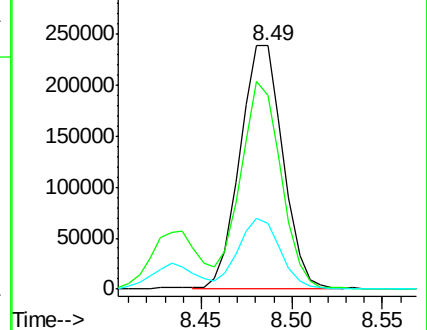
51 27.2 23.4 35.2

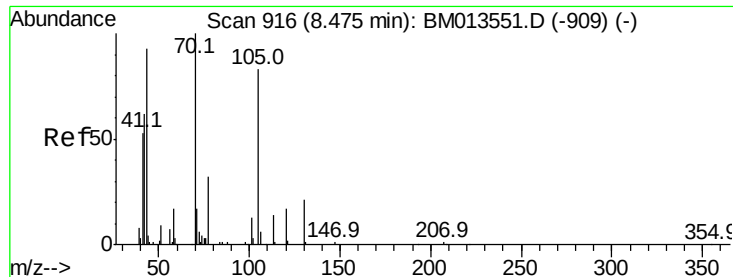


Abundance Ion 105.00 (104.70 to 105.70): BM013555.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM013555.D (-912) (-)

Ion 51.00 (50.70 to 51.70): BM013555.D (-912) (-)





#15

N-Nitroso-di-n-propylamine

Concen: 20.097 ng/ul

RT: 8.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 203990

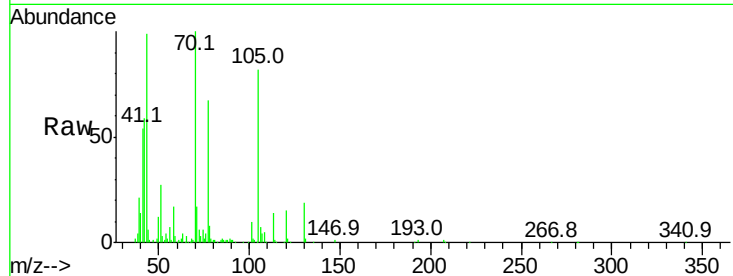
Ion Ratio Lower Upper

70 100

42 58.9 76.0 114.0#

101 10.3 6.7 10.1#

130 18.6 14.6 22.0

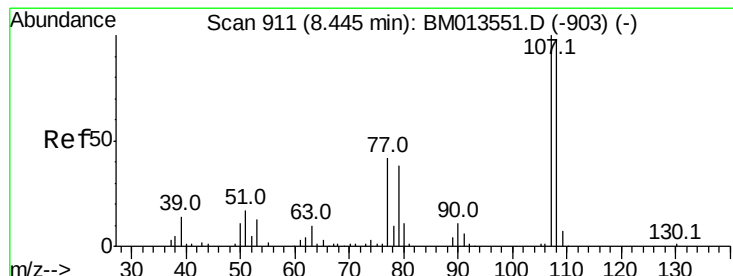
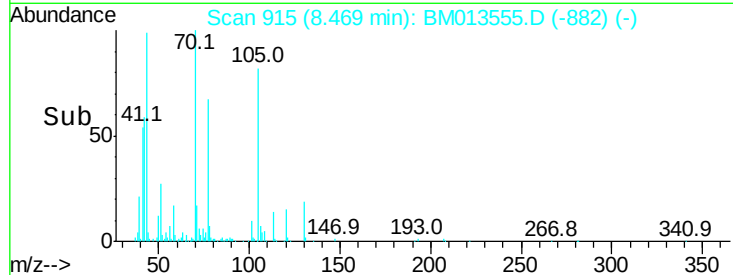
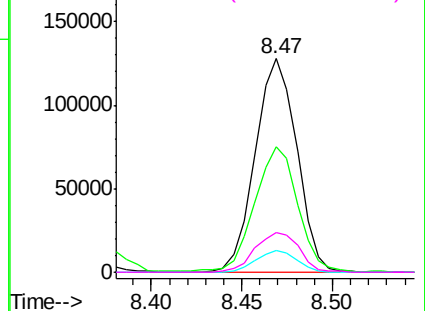


Abundance Ion 70.00 (69.70 to 70.70): BM013555.D (-882) (-)

Ion 42.00 (41.70 to 42.70): BM013555.D (-882) (-)

Ion 101.00 (100.70 to 101.70): BM013555.D (-882) (-)

Ion 130.00 (129.70 to 130.70): BM013555.D (-882) (-)



#16

4-Methylphenol

Concen: 20.223 ng/ul

RT: 8.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BM013555.D

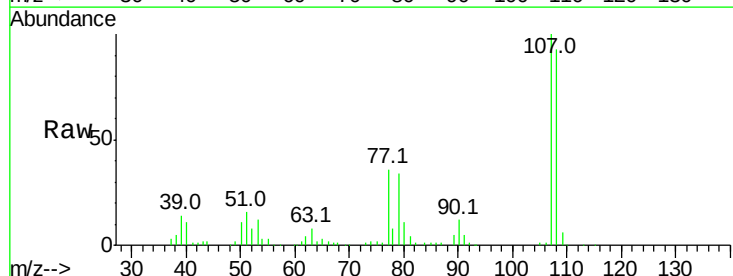
Acq: 04 Jan 2018 12:24

Tgt Ion:108 Resp: 256451

Ion Ratio Lower Upper

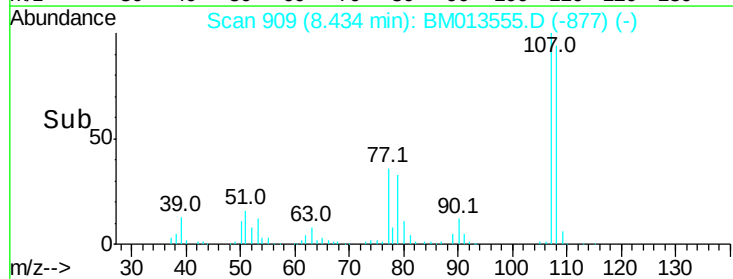
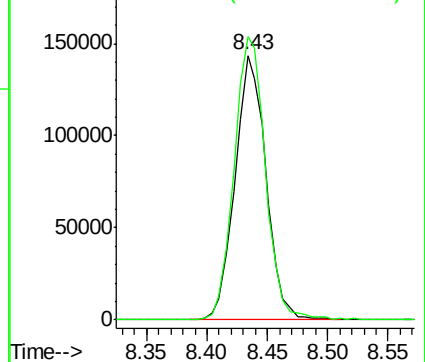
108 100

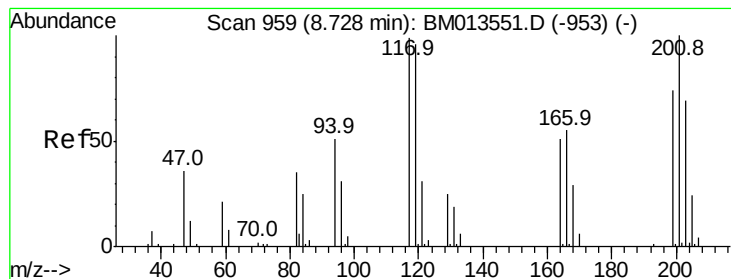
107 107.0 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM013555.D (-877) (-)

Ion 107.00 (106.70 to 107.70): BM013555.D (-877) (-)





#17

Hexachloroethane

Concen: 21.518 ng/ul

RT: 8.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

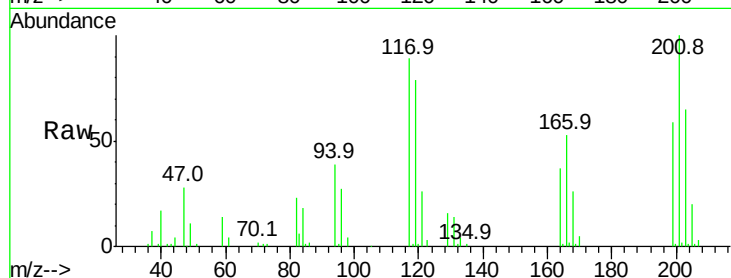
Tot Ion:117 Resp: 111338

Ion Ratio Lower Upper

117 100

201 112.0 111.6 167.4

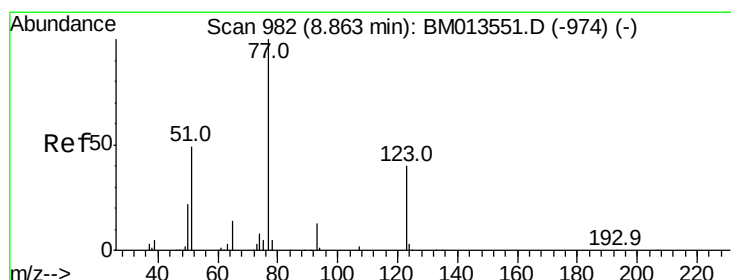
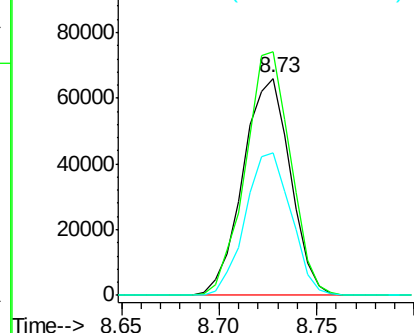
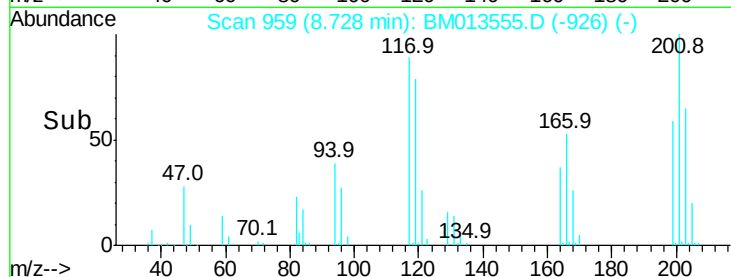
199 65.8 67.8 101.6#



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: 20.262 ng/ul

RT: 8.86 min Scan# 981

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

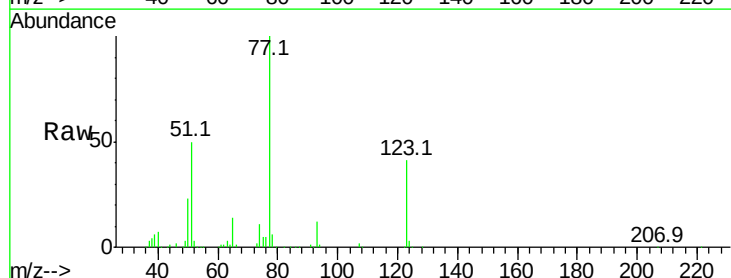
Tgt Ion: 77 Resp: 304743

Ion Ratio Lower Upper

77 100

123 41.0 31.0 46.6

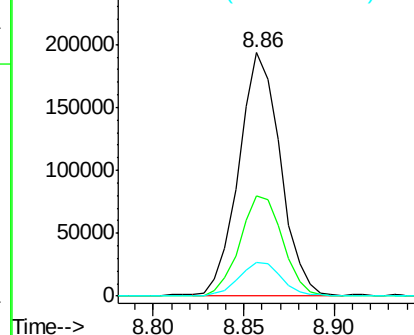
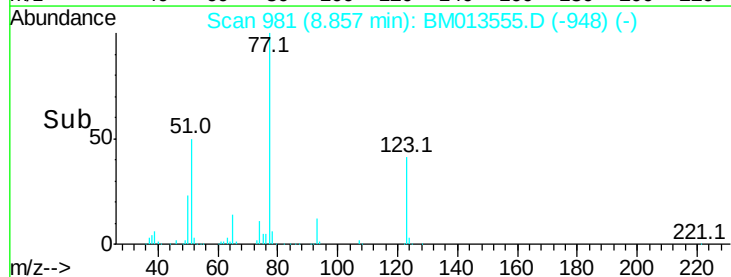
65 14.1 12.2 18.2

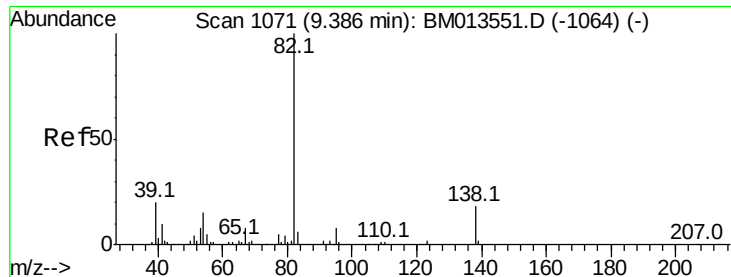


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.008 ng/ul

RT: 9.38 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

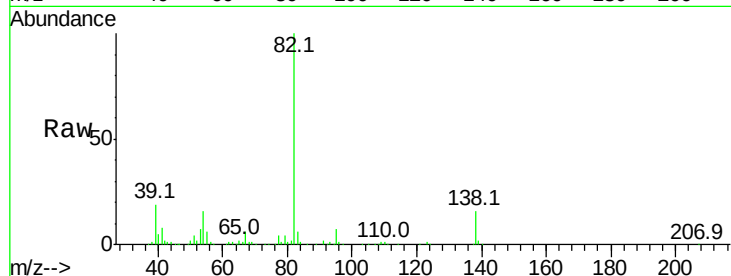
Tot Ion: 82 Resp: 555950

Ion Ratio Lower Upper

82 100

95 6.8 7.8 11.8#

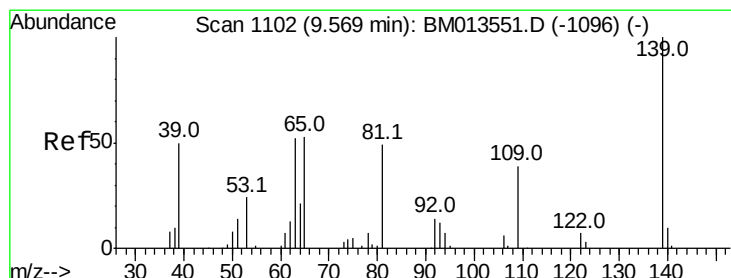
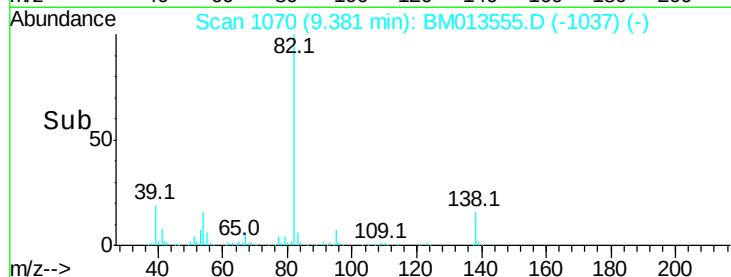
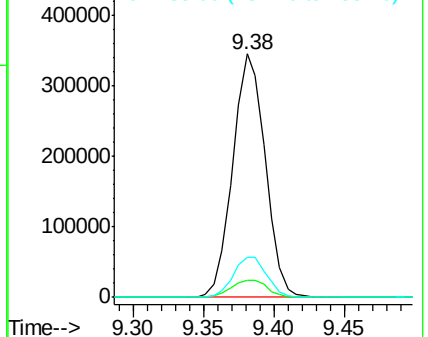
138 16.3 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013555.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM013555.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM013555.D (-1064) (-)



#23

2-Nitrophenol

Concen: 21.099 ng/ul

RT: 9.56 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

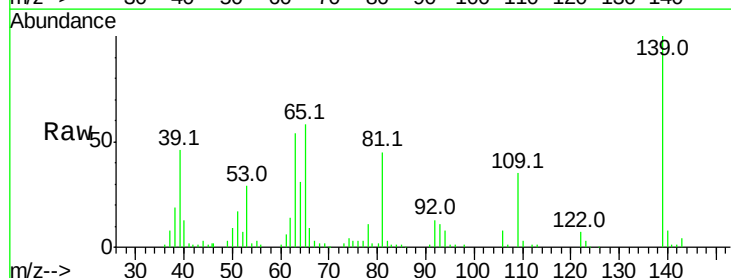
Tgt Ion: 139 Resp: 139772

Ion Ratio Lower Upper

139 100

65 58.3 55.4 83.0

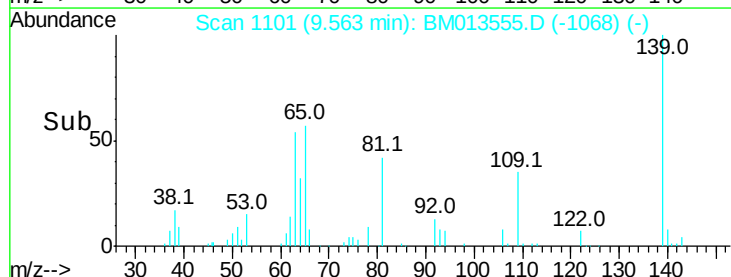
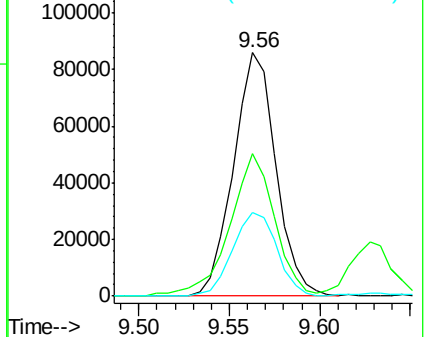
109 34.6 42.2 63.2#

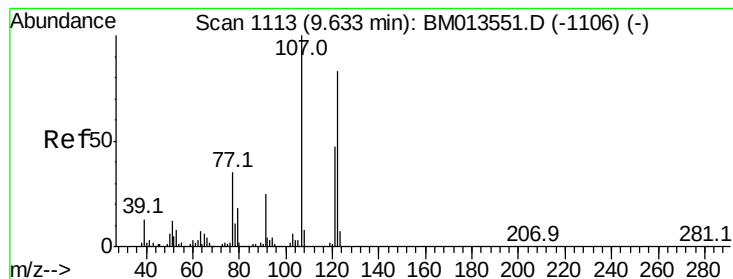


Abundance Ion 139.00 (138.70 to 139.70): BM013555.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM013555.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM013555.D (-1096) (-)





#24

2,4-Dimethylphenol

Concen: 20.040 ng/ul

RT: 9.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

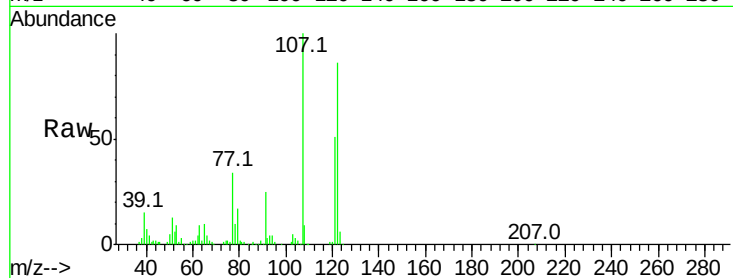
Tot Ion:107 Resp: 289548

Ion Ratio Lower Upper

107 100

121 51.3 31.9 47.9#

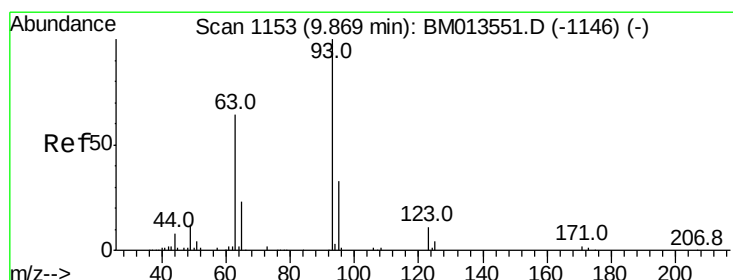
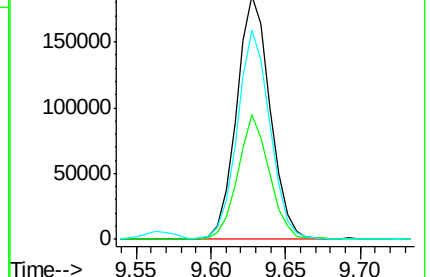
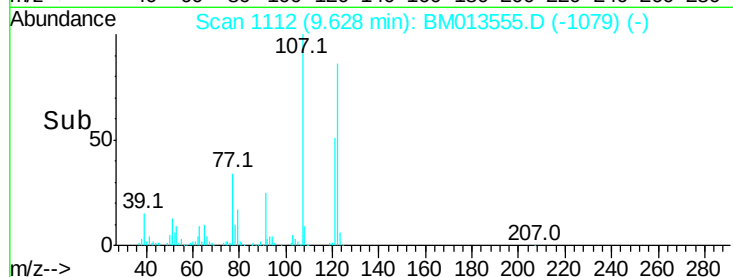
122 85.9 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 21.415 ng/ul

RT: 9.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

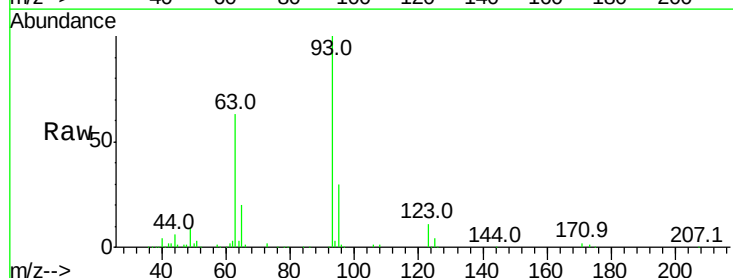
Tgt Ion: 93 Resp: 331688

Ion Ratio Lower Upper

93 100

95 29.5 28.5 42.7

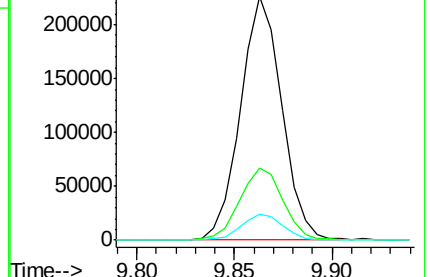
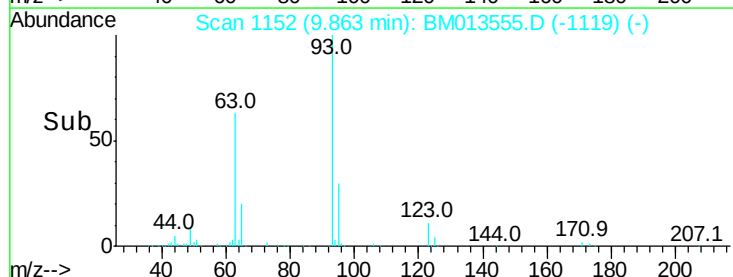
123 10.5 8.9 13.3

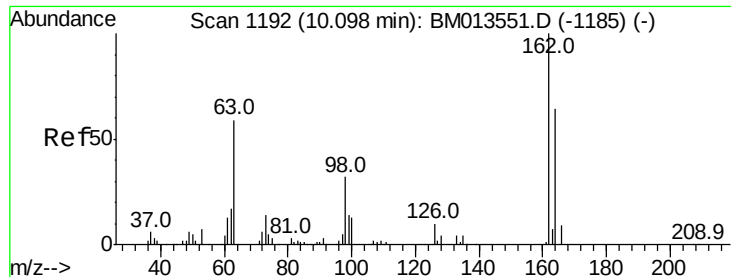


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 19.834 ng/ul

RT: 10.09 min Scan# 1191

Delta R.T. -0.01 min

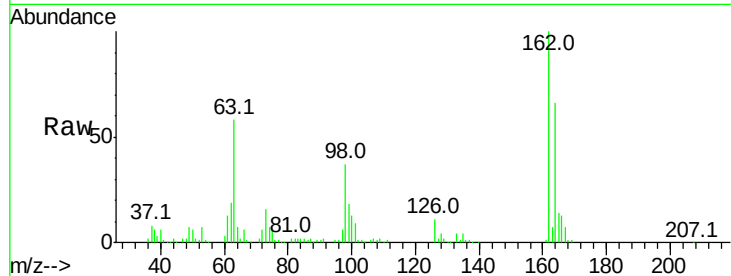
Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 241242

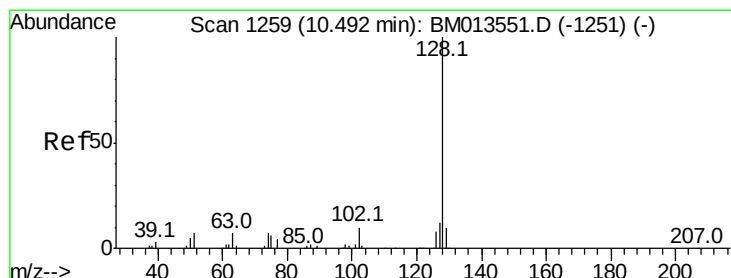
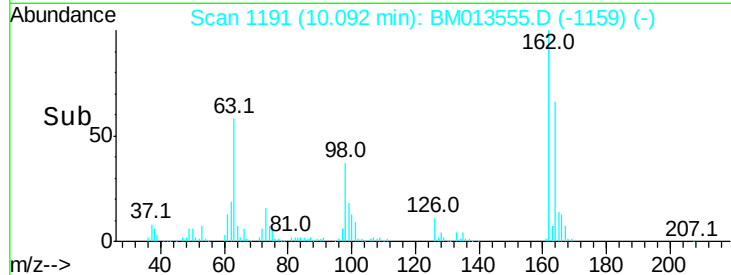
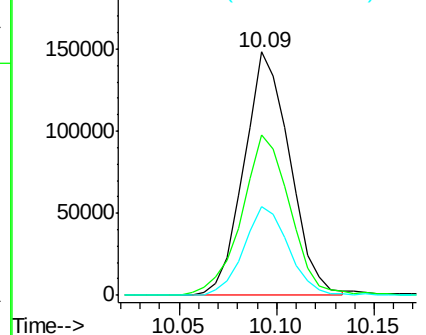
Ion	Ratio	Lower	Upper
162	100		
164	65.7	47.8	71.6
98	36.6	23.0	34.4



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: 20.679 ng/ul

RT: 10.49 min Scan# 1258

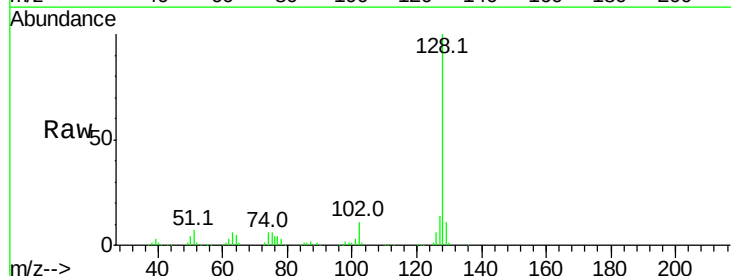
Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:128 Resp: 800964

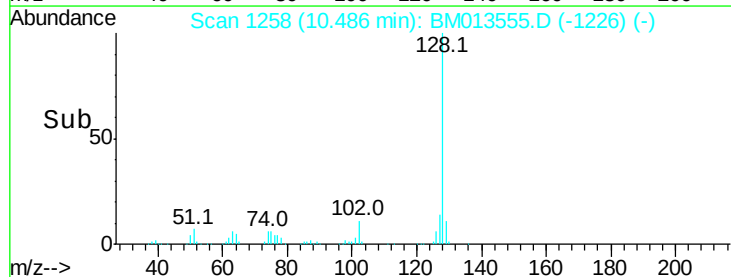
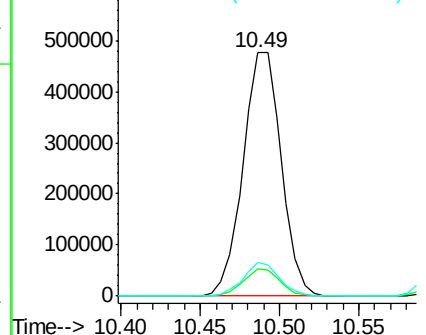
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.9	10.6	16.0

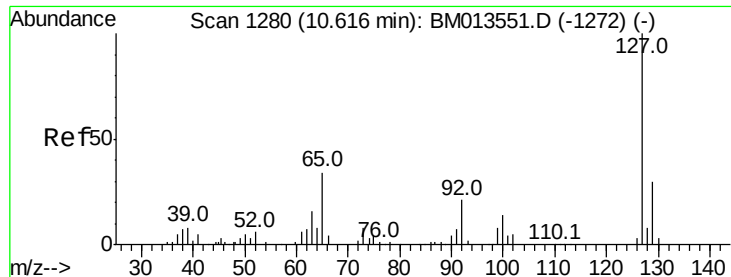


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

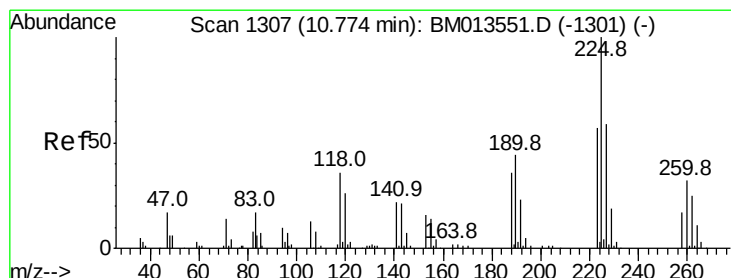
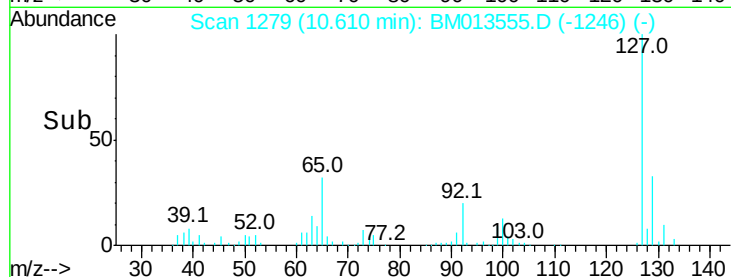
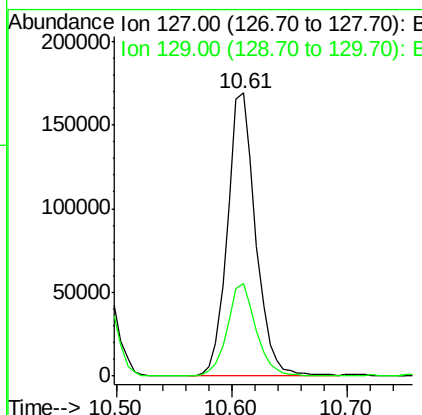
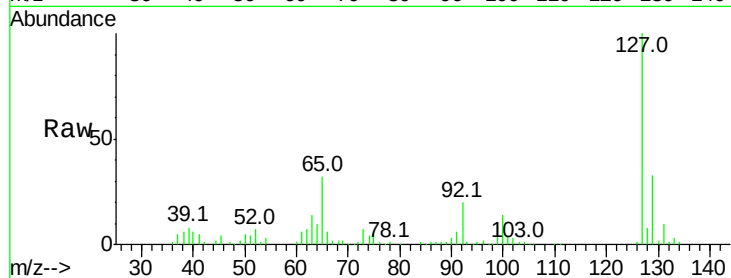




#30
4-Chloroaniline
Concen: 24.544 ng/ul
RT: 10.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

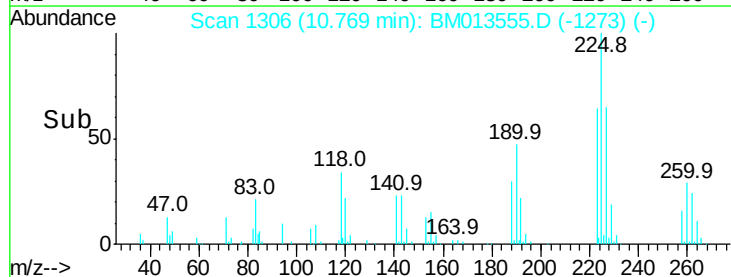
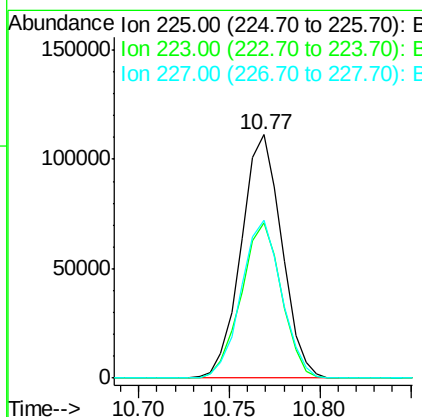
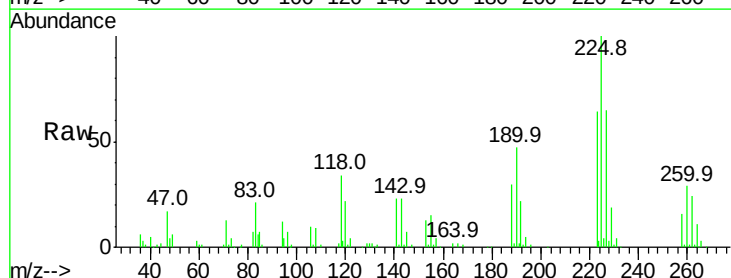
Instrument :
BNA_M
ClientSampled :

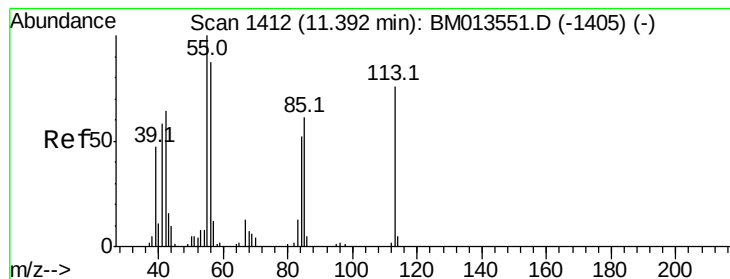
Tot Ion:127 Resp: 287566
Ion Ratio Lower Upper
127 100
129 32.7 28.4 42.6



#31
Hexachlorobutadiene
Concen: 19.650 ng/ul
RT: 10.77 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion:225 Resp: 173121
Ion Ratio Lower Upper
225 100
223 63.9 49.4 74.2
227 64.6 45.4 68.2





#32

Caprolactam

Concen: 17.770 ng/ul

RT: 11.39 min Scan# 1412

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

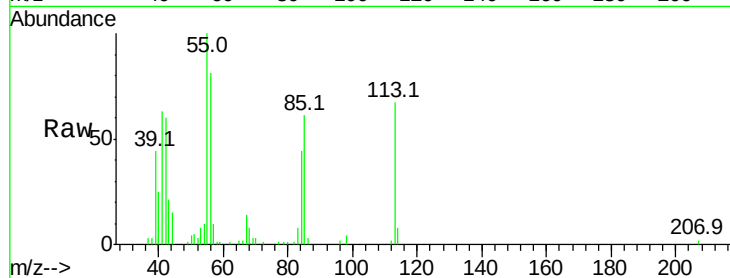
Tot Ion:113 Resp: 69075

Ion Ratio Lower Upper

113 100

55 149.1 208.0 312.0#

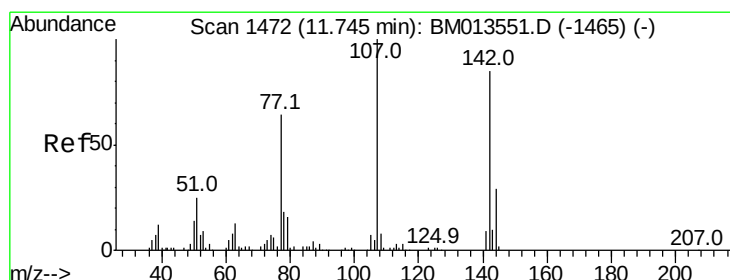
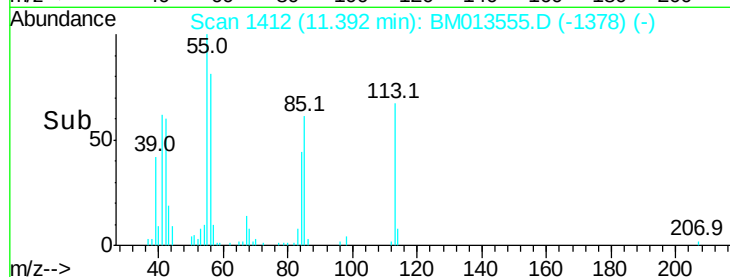
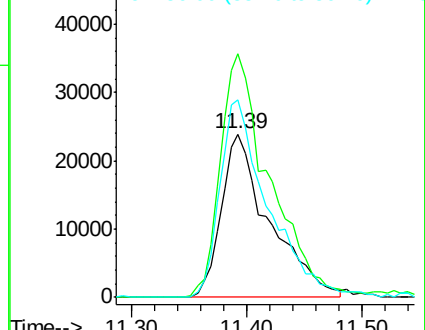
56 121.2 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.402 ng/ul

RT: 11.74 min Scan# 1471

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

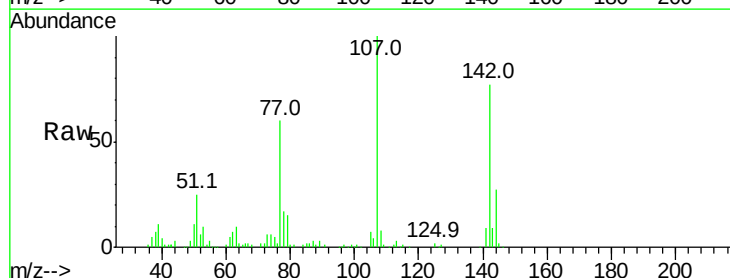
Tgt Ion:107 Resp: 258865

Ion Ratio Lower Upper

107 100

144 27.2 20.4 30.6

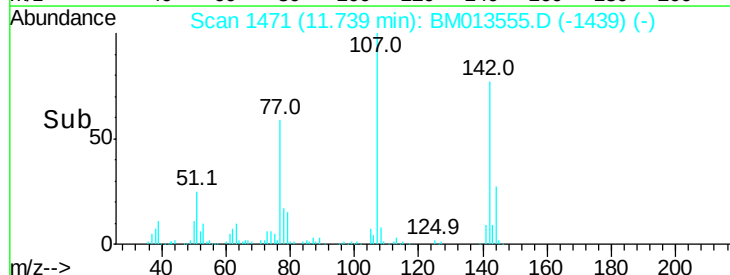
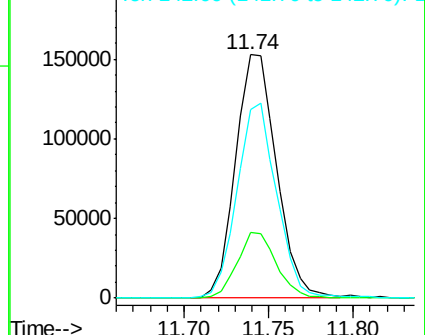
142 77.4 60.5 90.7

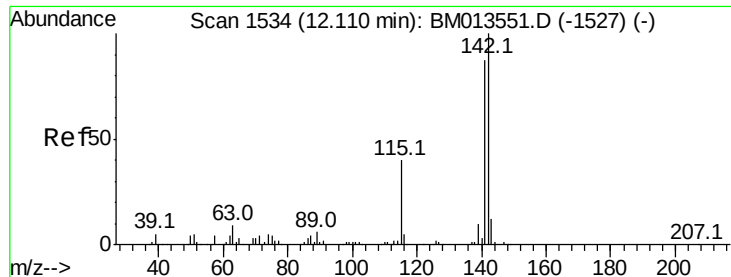


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.934 ng/ul

RT: 12.11 min Scan# 1534

Delta R.T. -0.01 min

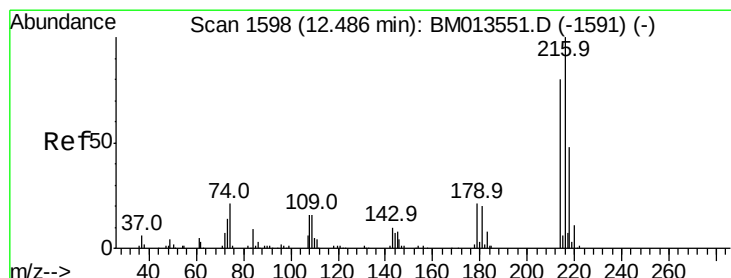
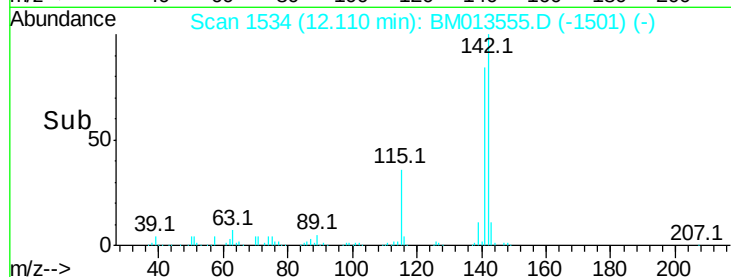
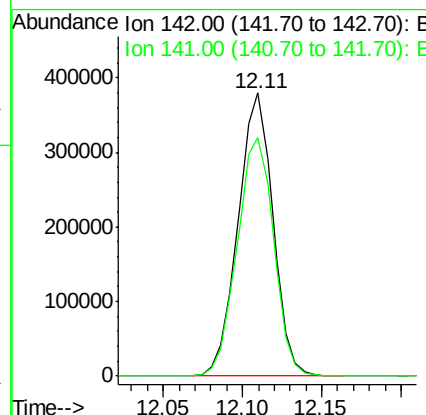
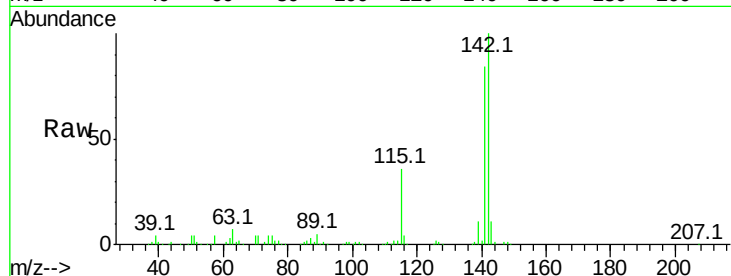
Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:142 Resp: 580430

Ion	Ratio	Lower	Upper
142	100		
141	84.4	74.1	111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 21.054 ng/ul

RT: 12.48 min Scan# 1597

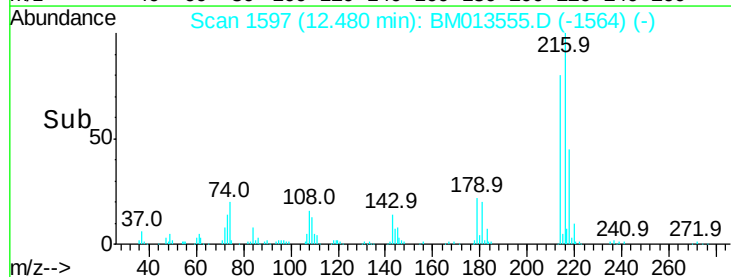
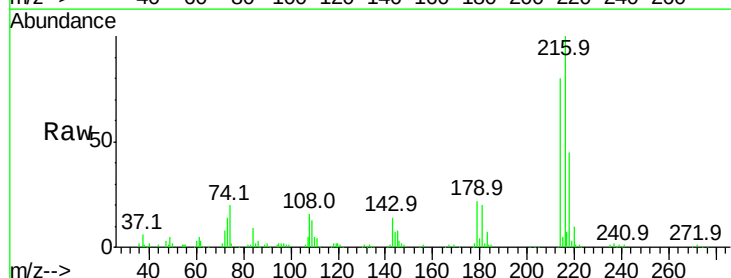
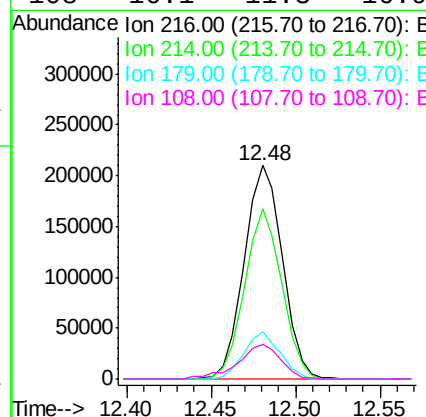
Delta R.T. -0.01 min

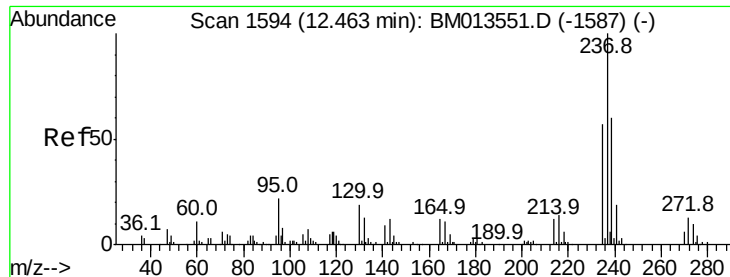
Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:216 Resp: 330119

Ion	Ratio	Lower	Upper
216	100		
214	79.6	60.6	90.8
179	22.4	17.5	26.3
108	16.1	11.3	16.9

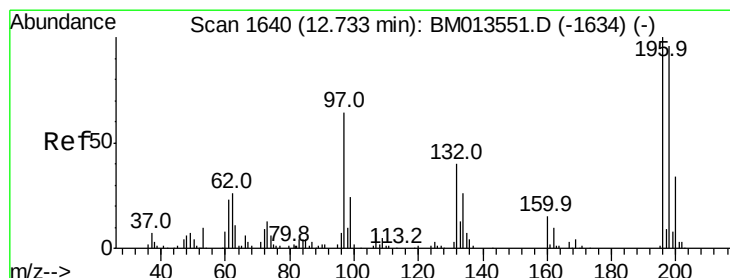
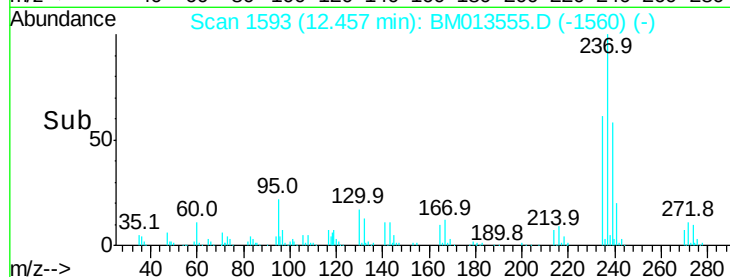
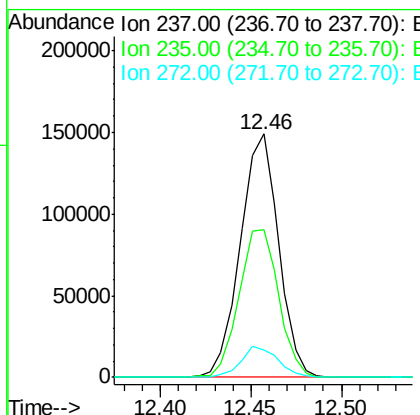
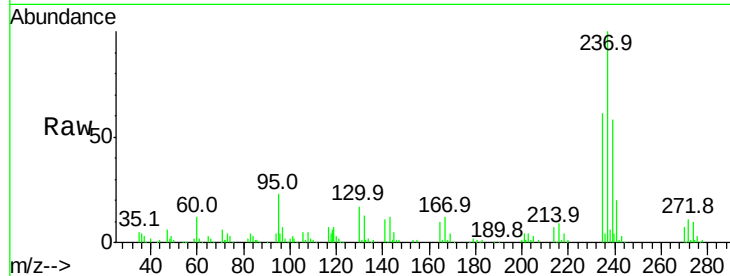




#37
Hexachlorocyclopentadiene
Concen: 21.174 ng/ul
RT: 12.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

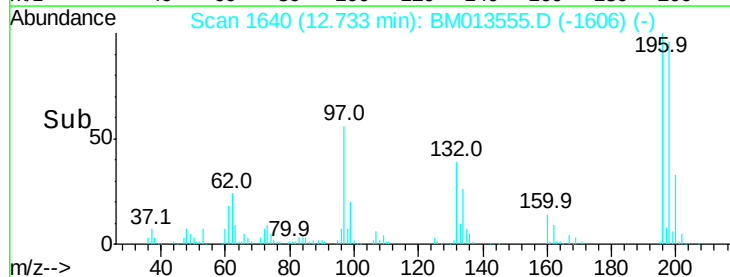
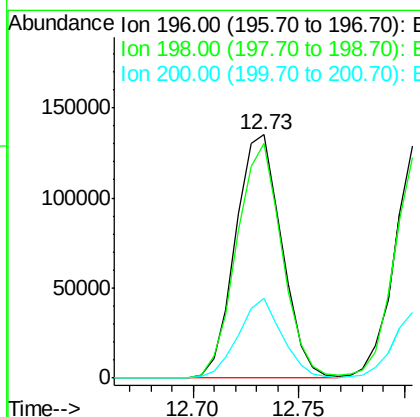
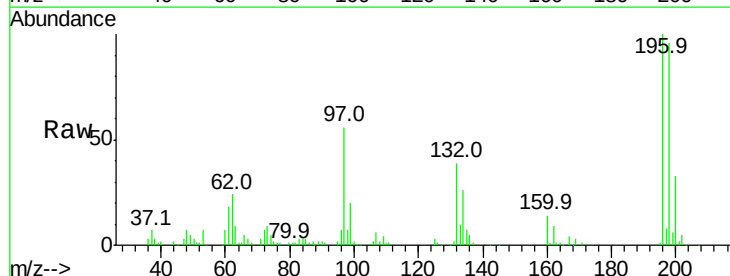
Instrument :
BNA_M
ClientSampleId :

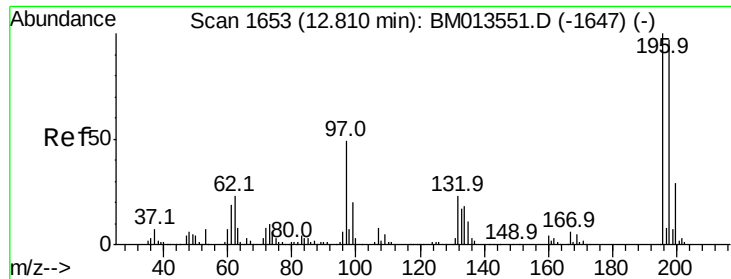
Tot Ion	Ratio	Lower	Upper
237	100		
235	60.5	50.2	75.4
272	11.4	11.0	16.6



#38
2,4,6-Trichlorophenol
Concen: 21.058 ng/ul
RT: 12.73 min Scan# 1640
Delta R.T. 0.00 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.4	74.1	111.1
200	33.0	25.2	37.8

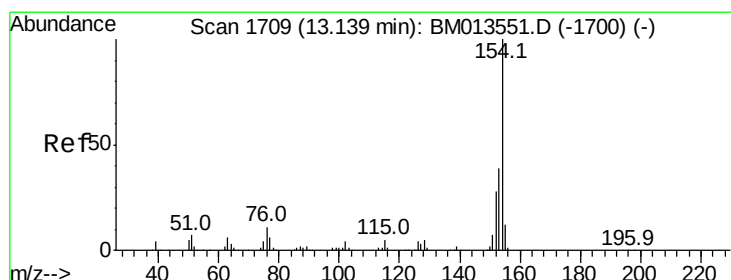
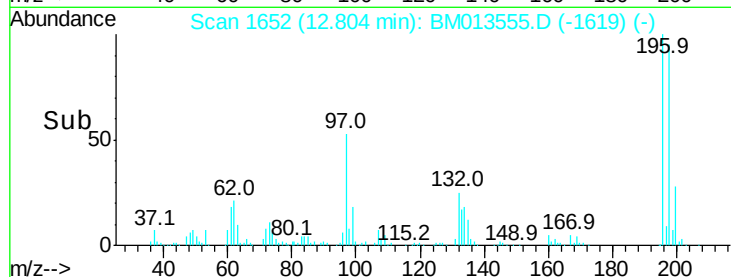
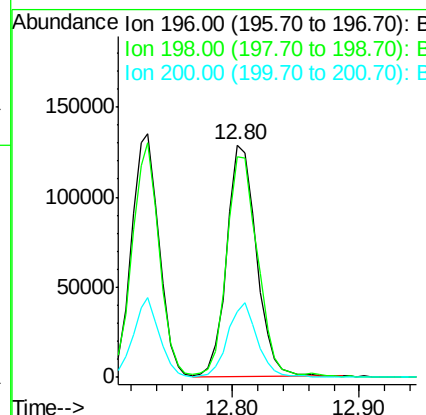
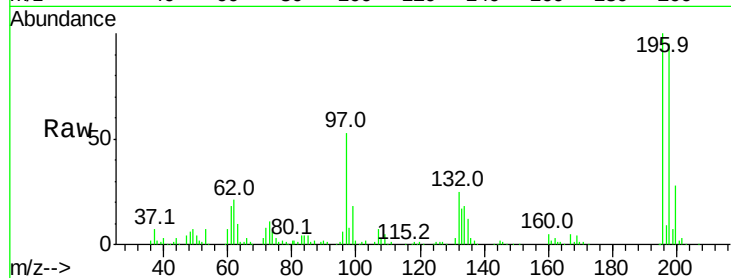




#39
 2,4,5-Trichlorophenol
 Concen: 20.148 ng/ul
 RT: 12.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

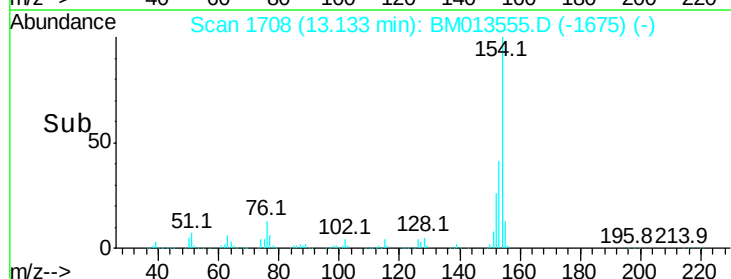
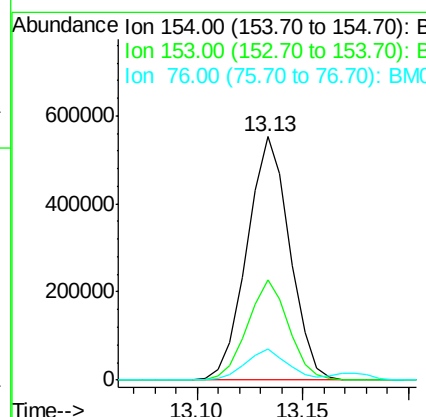
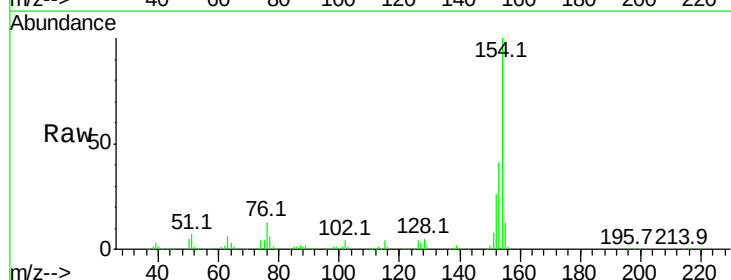
Instrument :
 BNA_M
 ClientSampleId :

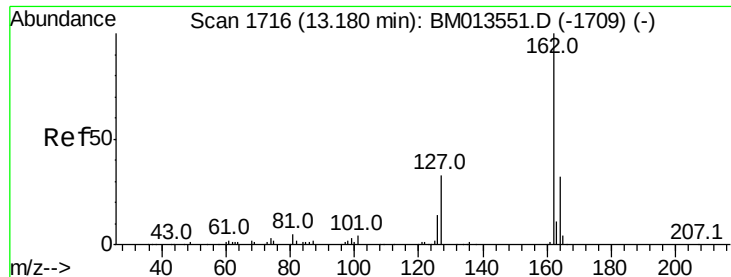
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.2	75.6	113.4
200	28.2	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 21.068 ng/ul
 RT: 13.13 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	32.6	48.8
76	12.7	8.5	12.7

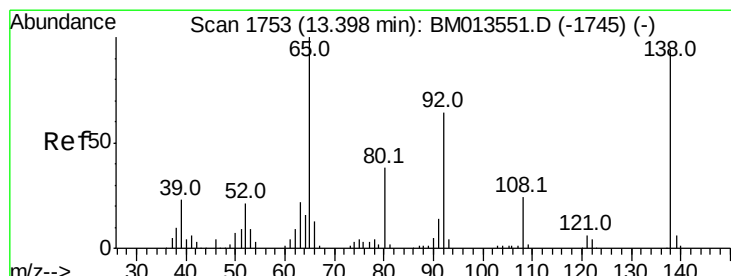
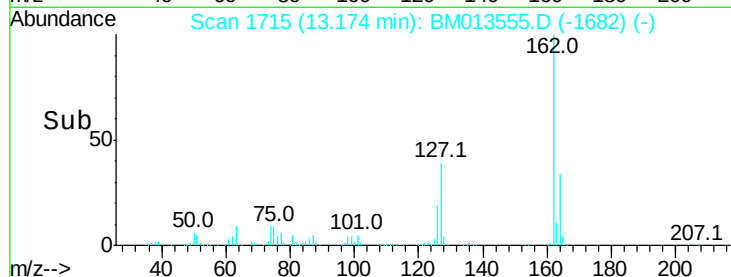
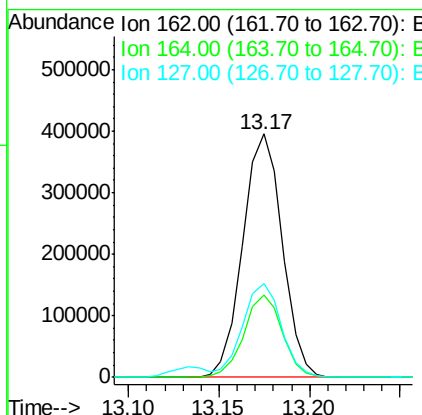
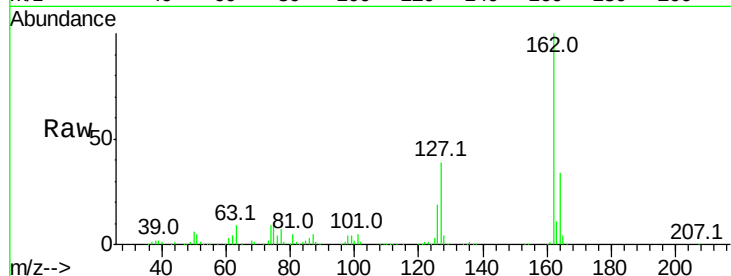




#41
 2-Chloronaphthalene
 Concen: 20.799 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

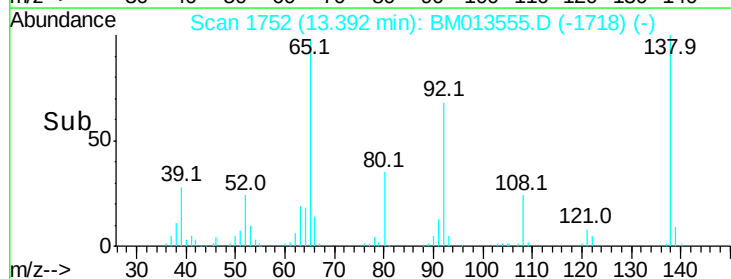
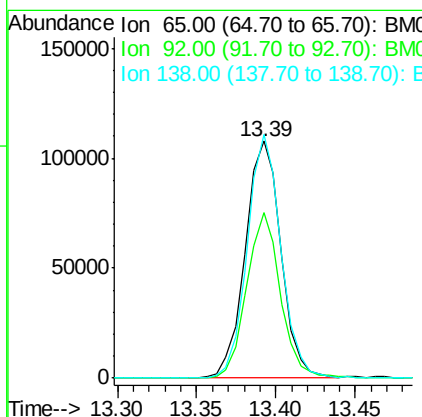
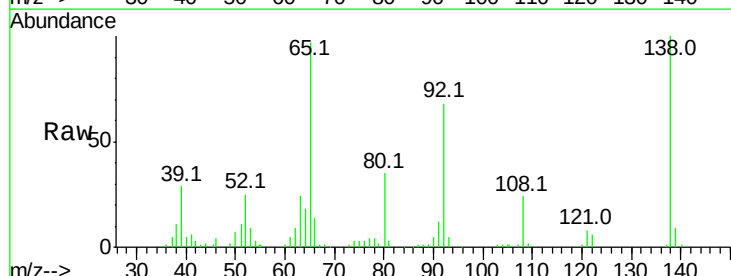
Instrument :
 BNA_M
 ClientSampleId :

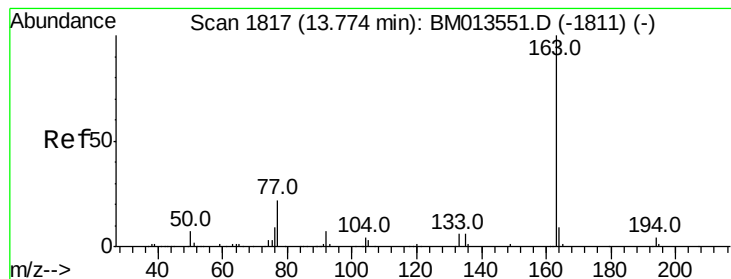
Tot Ion	Ratio	Lower	Upper
162	100		
164	33.7	25.9	38.9
127	38.8	29.4	44.2



#42
 2-Nitroaniline
 Concen: 20.032 ng/ul
 RT: 13.39 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: BM013555.D
 Acq: 04 Jan 2018 12:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.0	51.8	77.6
138	102.9	74.2	111.4





#44

Dimethylphthalate

Concen: 19.922 ng/ul

RT: 13.77 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

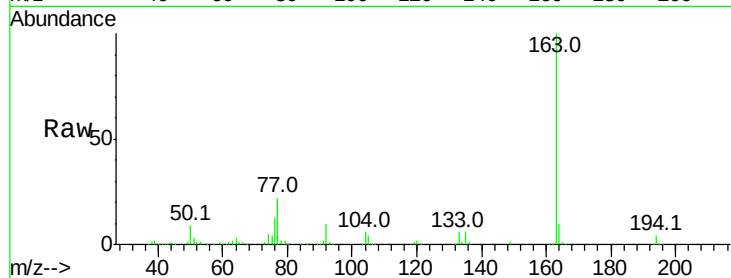
Tot Ion:163 Resp: 736787

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

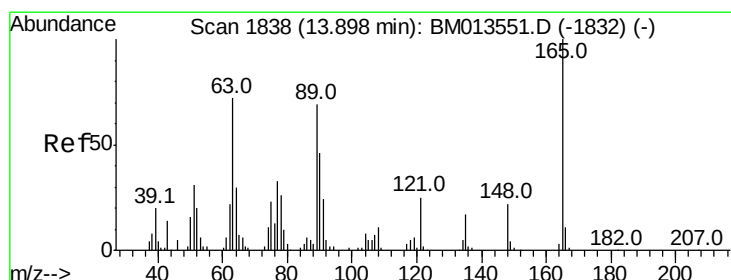
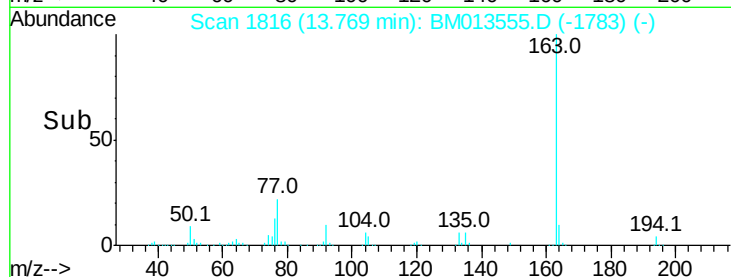
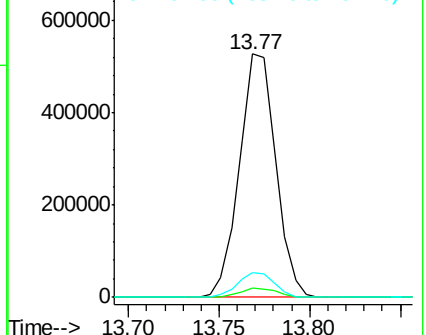
164 10.1 8.2 12.4



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: 19.575 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

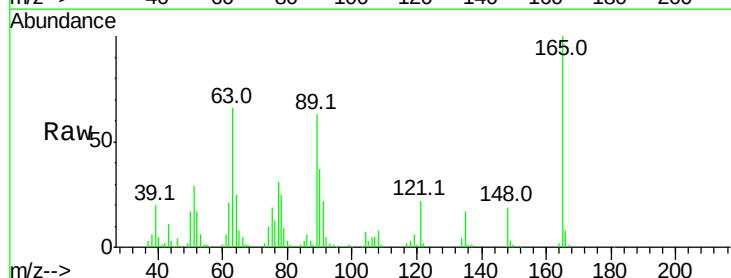
Tgt Ion:165 Resp: 147655

Ion Ratio Lower Upper

165 100

89 63.2 52.6 79.0

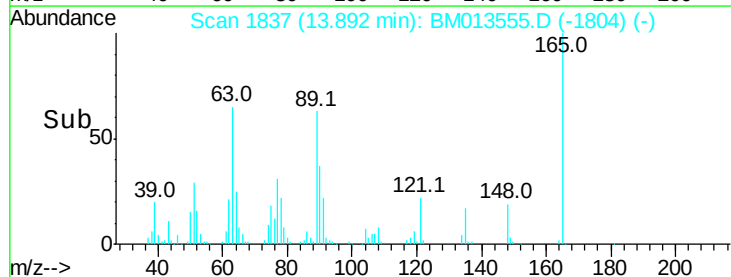
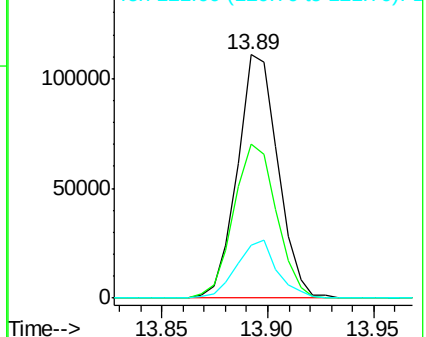
121 21.6 14.6 22.0

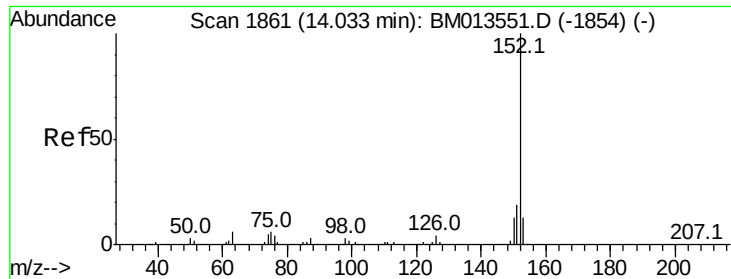


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.079 ng/ul

RT: 14.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

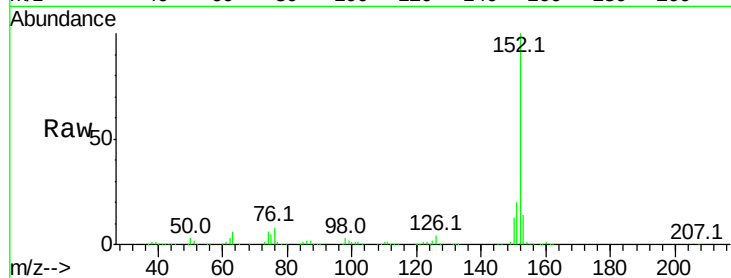
Tot Ion:152 Resp: 930801

Ion Ratio Lower Upper

152 100

151 19.8 16.3 24.5

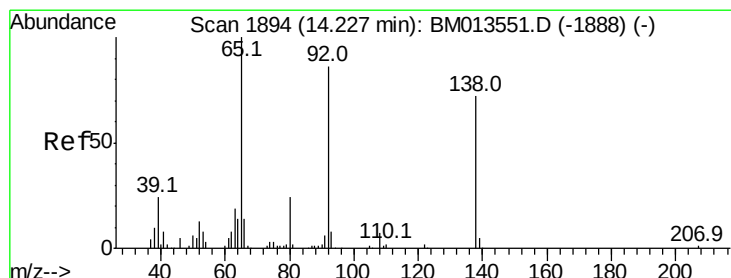
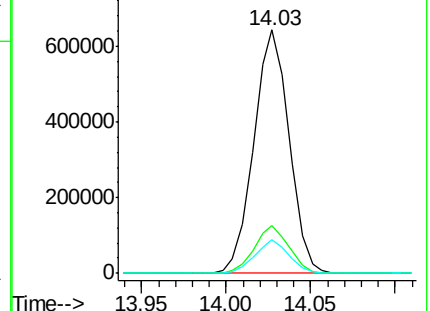
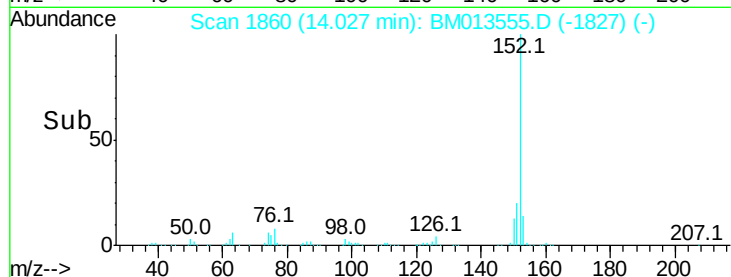
153 13.8 10.2 15.4



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: 20.072 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

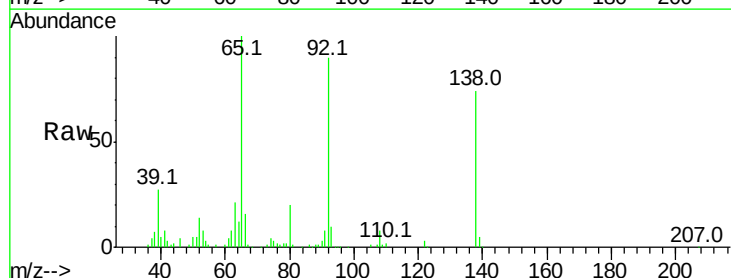
Tgt Ion:138 Resp: 135331

Ion Ratio Lower Upper

138 100

108 10.8 9.9 14.9

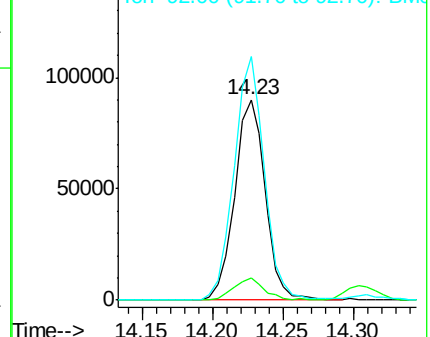
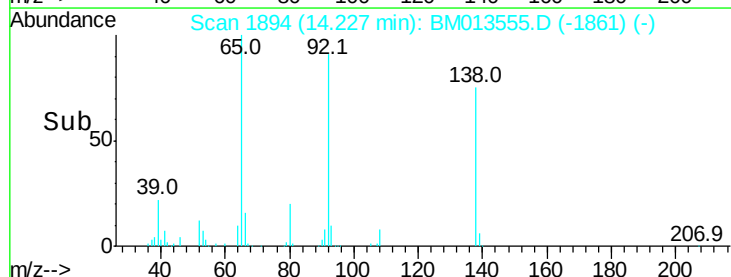
92 121.4 105.0 157.4

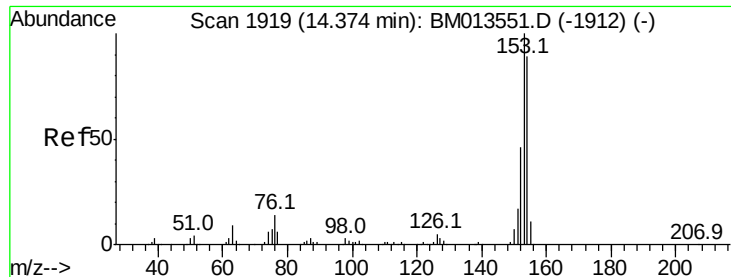


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.511 ng/ul

RT: 14.37 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

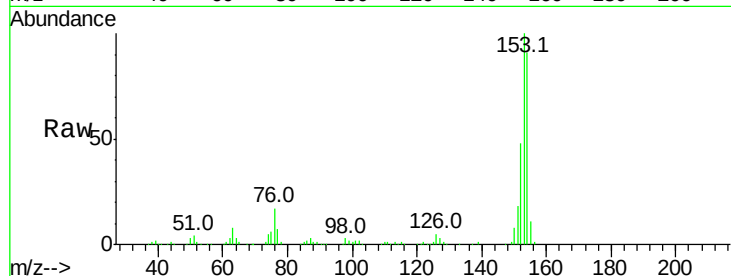
Tot Ion:153 Resp: 616998

Ion Ratio Lower Upper

153 100

152 47.6 37.6 56.4

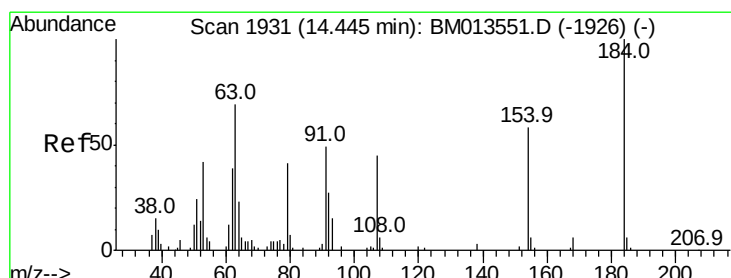
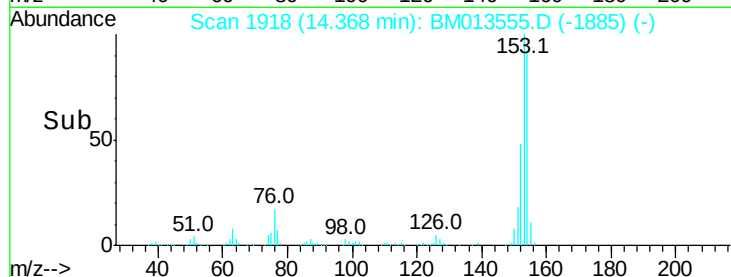
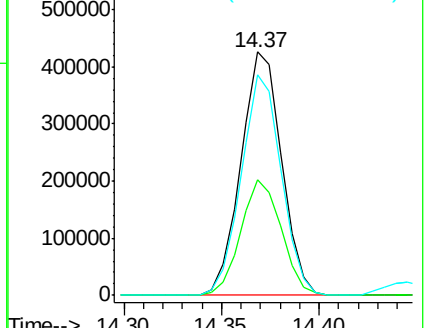
154 90.6 70.4 105.6



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: 14.302 ng/ul

RT: 14.44 min Scan# 1931

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

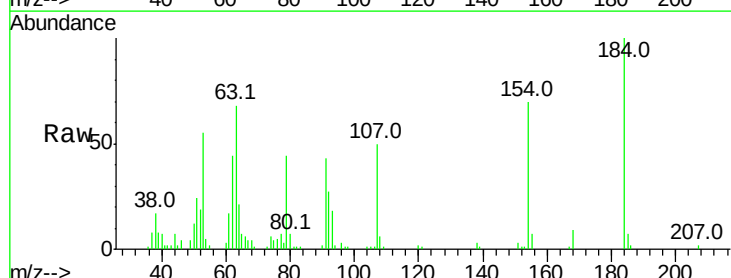
Tgt Ion:184 Resp: 59699

Ion Ratio Lower Upper

184 100

63 68.1 50.1 75.1

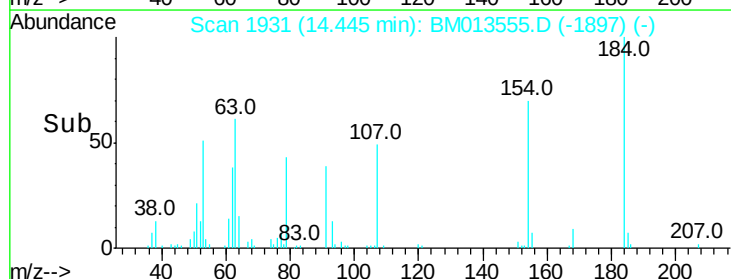
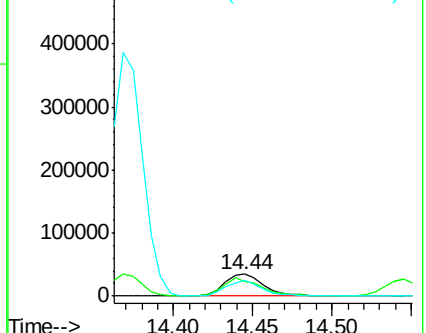
154 69.6 54.5 81.7

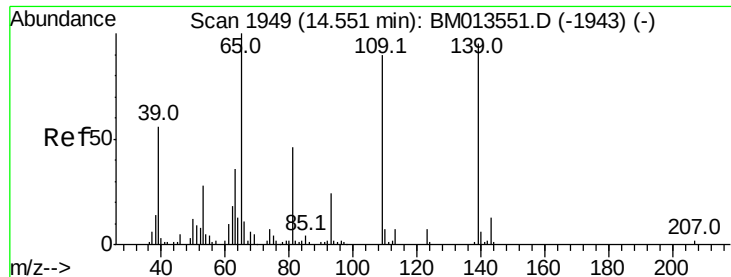


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 14.626 ng/ul

RT: 14.54 min Scan# 1948

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

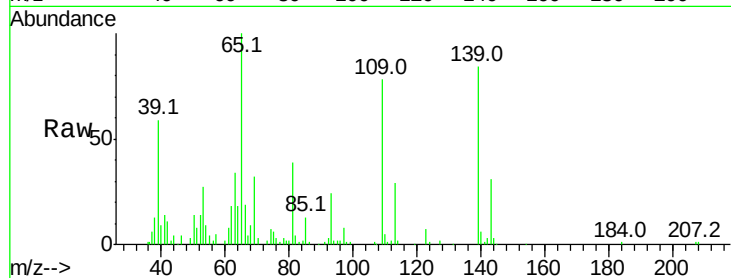
Tot Ion:109 Resp: 96400

Ion Ratio Lower Upper

109 100

139 108.3 80.0 120.0

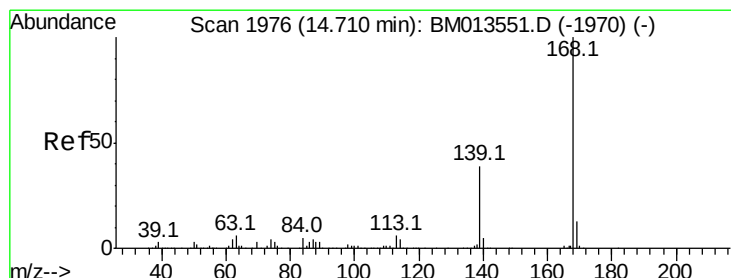
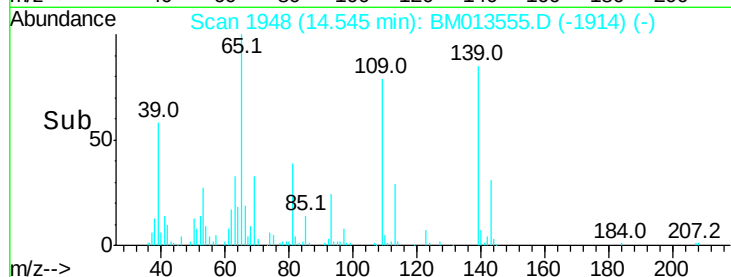
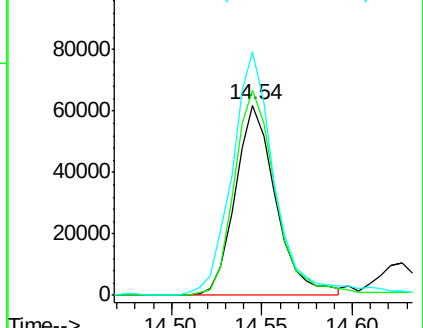
65 128.3 120.0 180.0



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: 20.201 ng/ul

RT: 14.71 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM013555.D

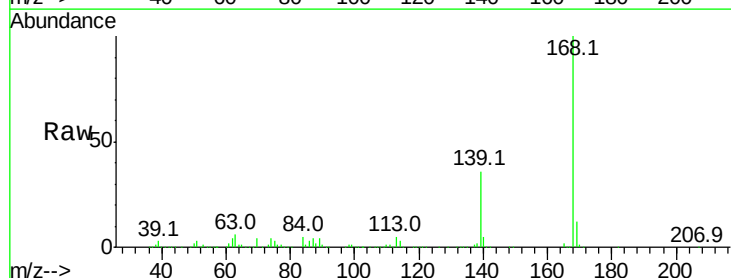
Acq: 04 Jan 2018 12:24

Tgt Ion:168 Resp: 897074

Ion Ratio Lower Upper

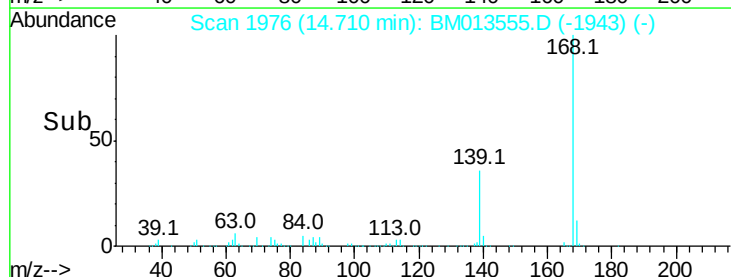
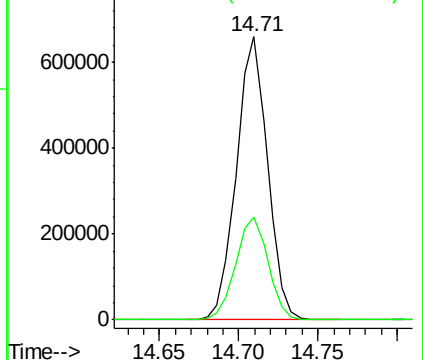
168 100

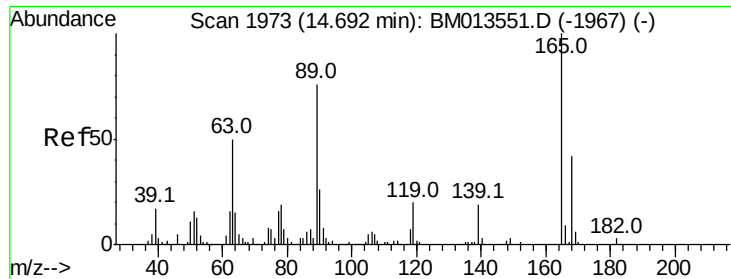
139 36.4 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.232 ng/ul

RT: 14.69 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

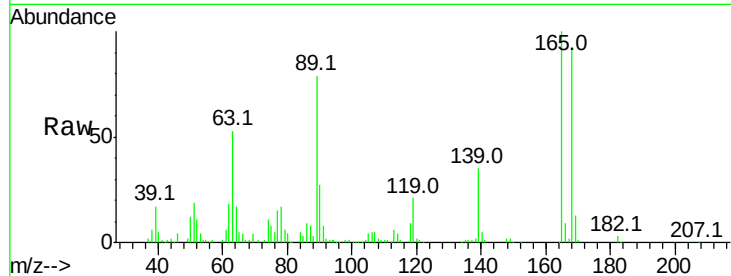
Tot Ion:165 Resp: 211018

Ion Ratio Lower Upper

165 100

63 53.1 45.8 68.8

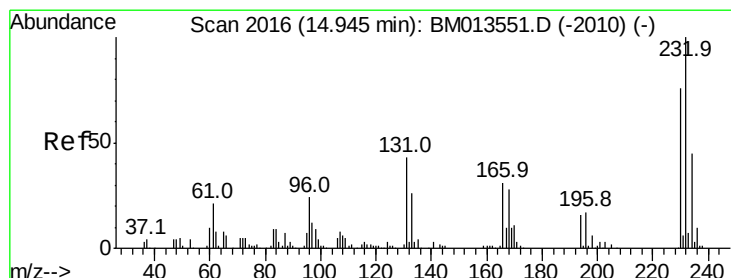
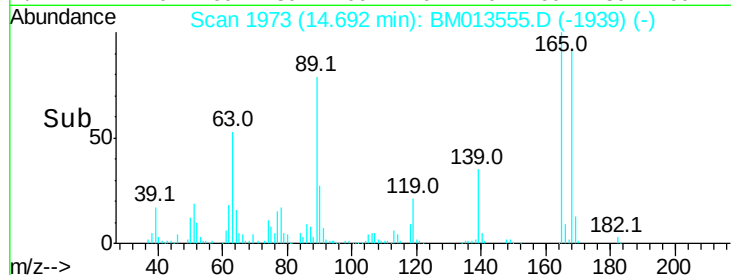
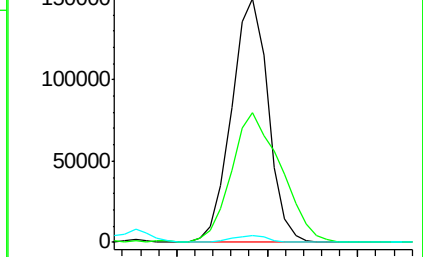
182 2.6 2.6 4.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 18.973 ng/ul

RT: 14.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:232 Resp: 180632

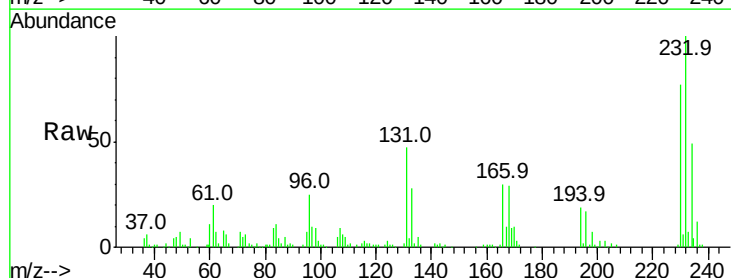
Ion Ratio Lower Upper

232 100

131 46.7 29.0 43.4#

130 2.1 2.0 3.0

166 29.7 21.4 32.2

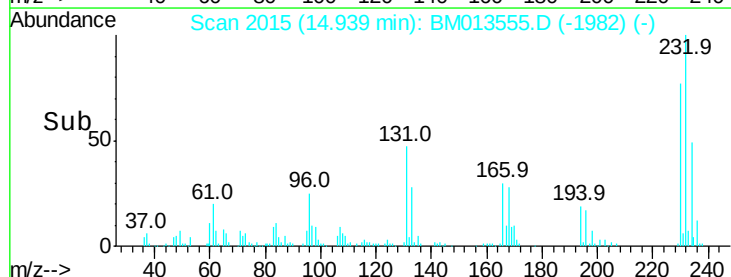
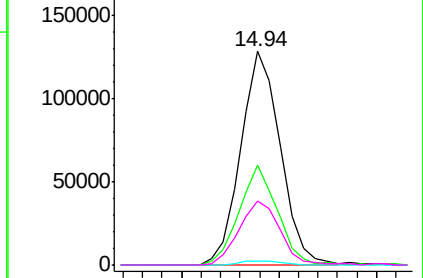


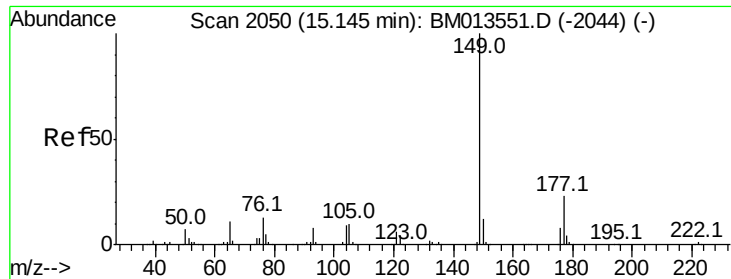
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

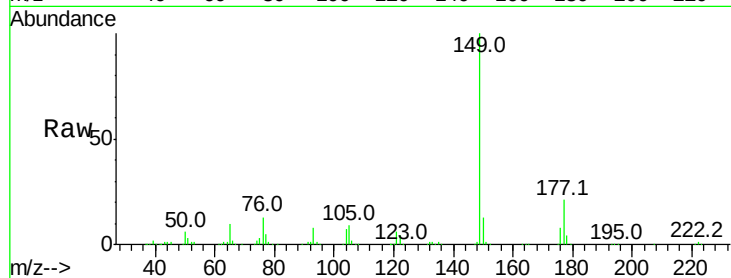




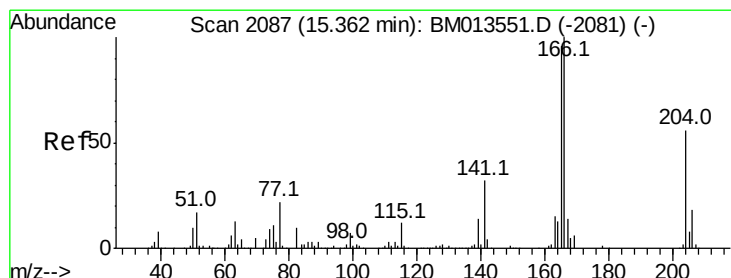
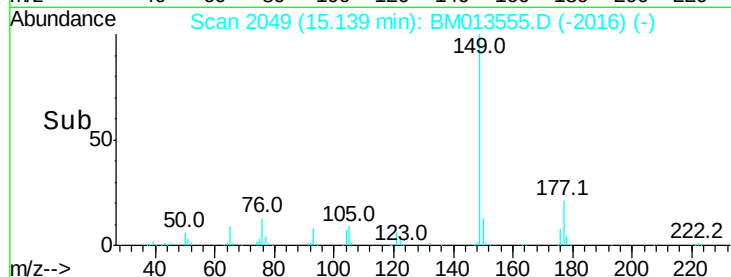
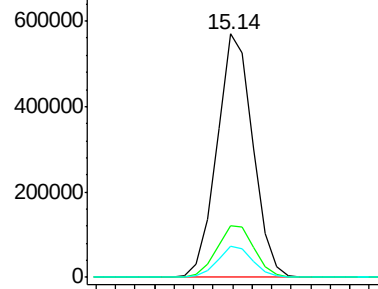
#56
Diethylphthalate
Concen: 19.526 ng/ul
RT: 15.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 724265
Ion Ratio Lower Upper
149 100
177 21.3 20.5 30.7
150 12.8 10.6 15.8

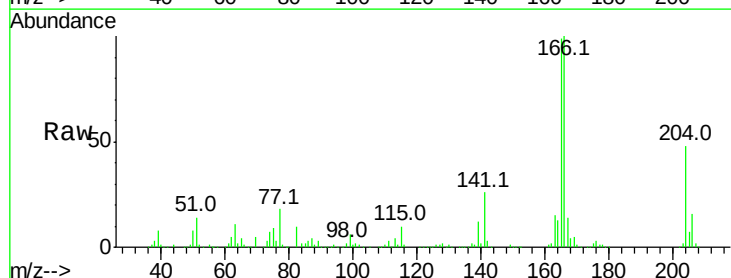


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

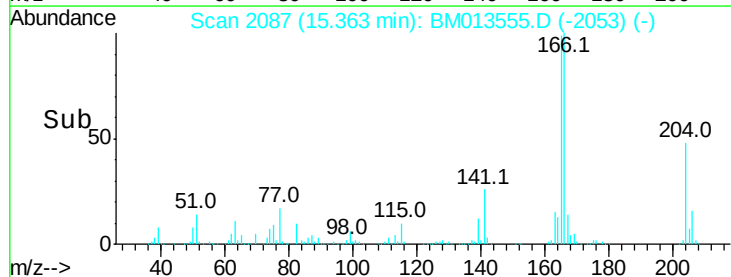
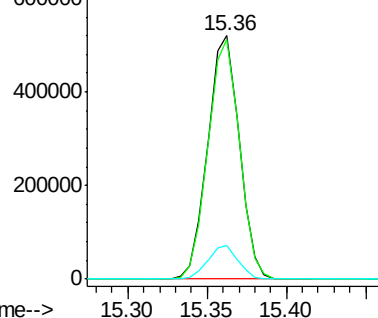


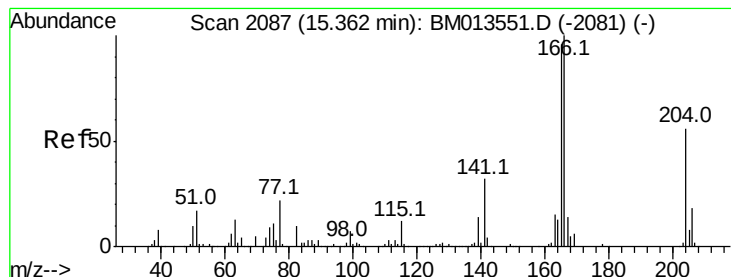
#58
Fluorene
Concen: 19.580 ng/ul
RT: 15.36 min Scan# 2087
Delta R.T. 0.00 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion:166 Resp: 719309
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 13.7 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: 19.600 ng/ul

RT: 15.36 min Scan# 2086

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

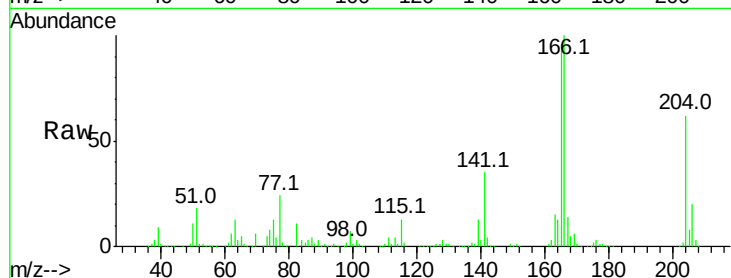
Tot Ion:204 Resp: 390811

Ion Ratio Lower Upper

204 100

206 31.9 24.8 37.2

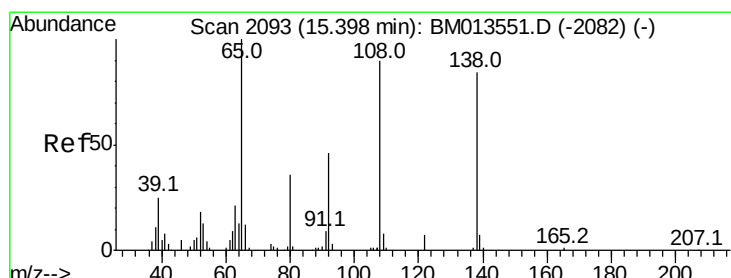
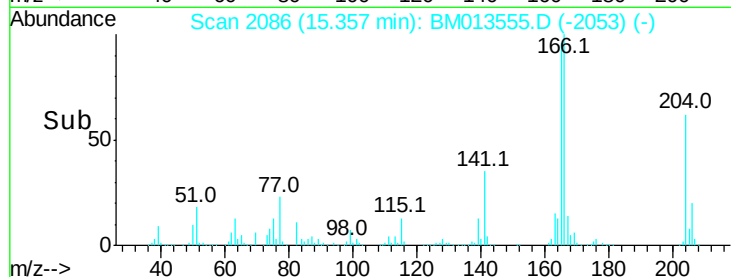
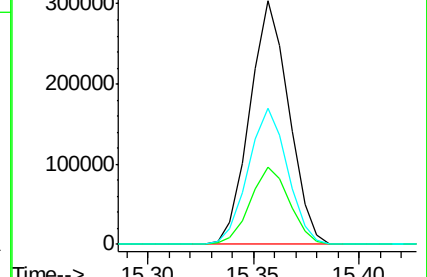
141 55.9 44.3 66.5



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#60

4-Nitroaniline

Concen: 16.108 ng/ul

RT: 15.39 min Scan# 2092

Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

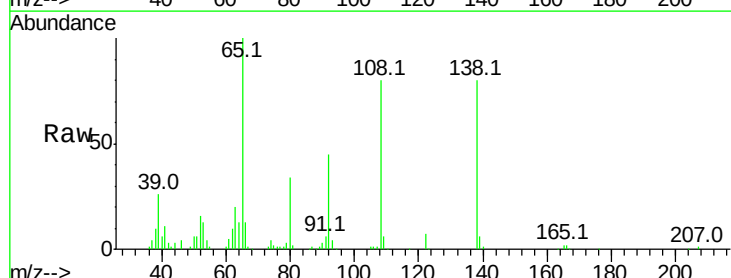
Tgt Ion:138 Resp: 128131

Ion Ratio Lower Upper

138 100

92 56.6 40.0 60.0

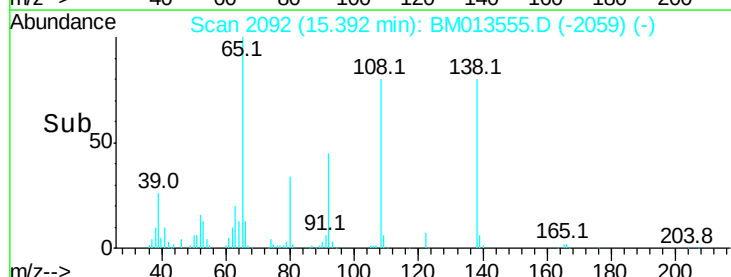
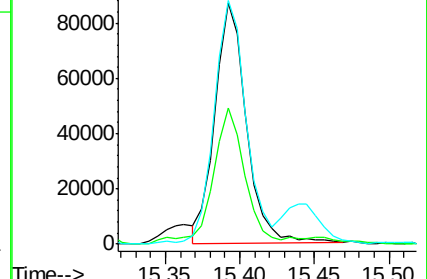
108 100.8 80.0 120.0

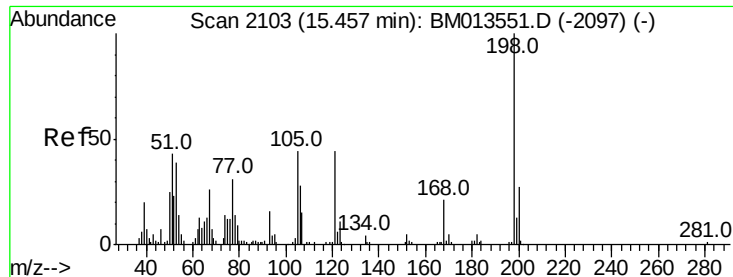


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

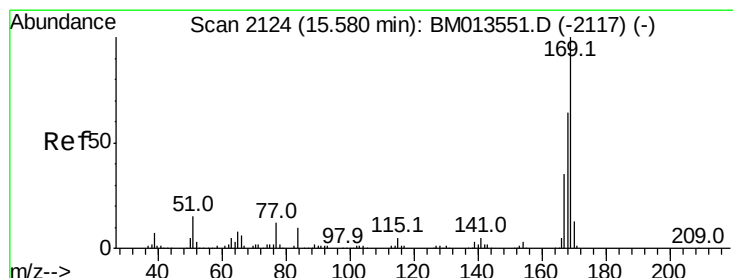
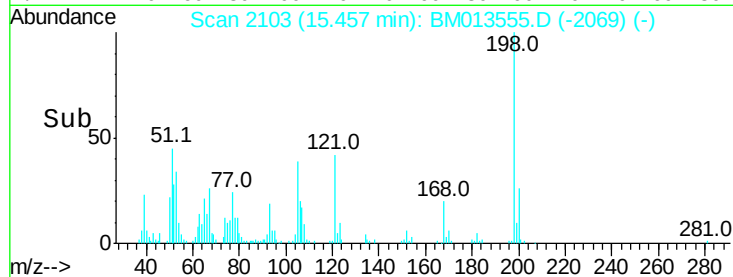
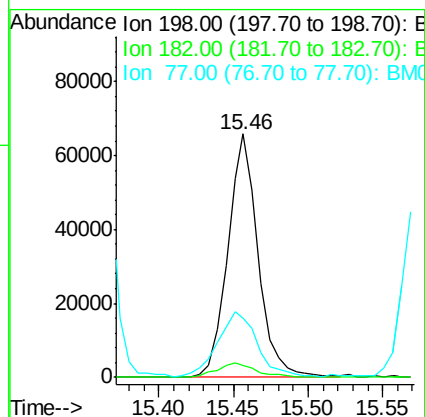
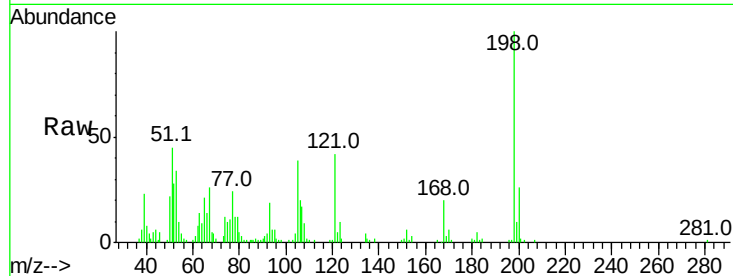




#63
4,6-Dinitro-2-methylphenol
Concen: 16.230 ng/ul
RT: 15.46 min Scan# 2103
Delta R.T. 0.00 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

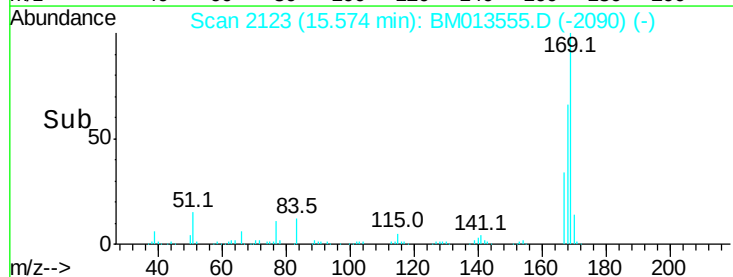
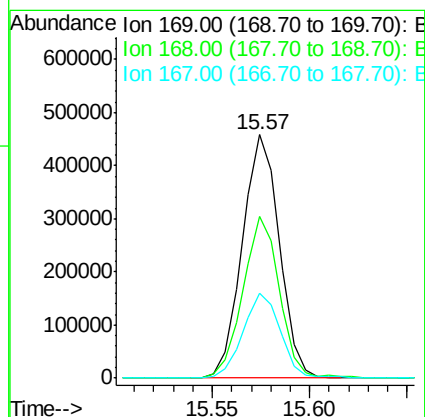
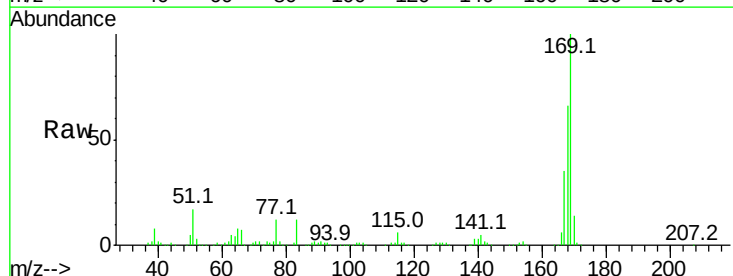
Instrument :
BNA_M
ClientSampled :

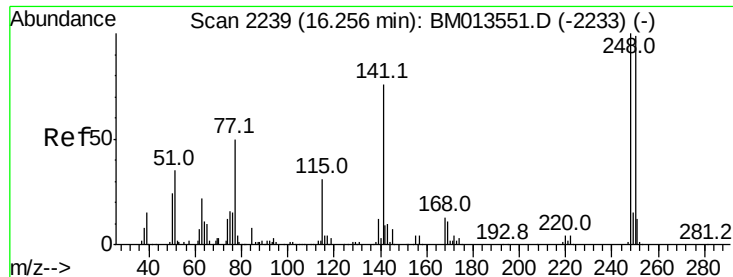
Tot Ion:198 Resp: 93986
Ion Ratio Lower Upper
198 100
182 4.7 3.8 5.6
77 24.1 25.2 37.8#



#64
N-Nitrosodiphenylamine
Concen: 22.201 ng/ul
RT: 15.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion:169 Resp: 602442
Ion Ratio Lower Upper
169 100
168 66.2 54.0 81.0
167 34.7 29.1 43.7

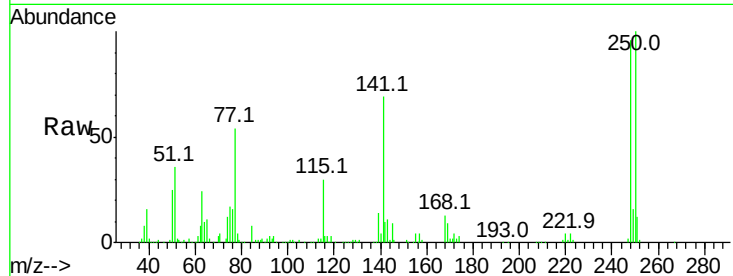




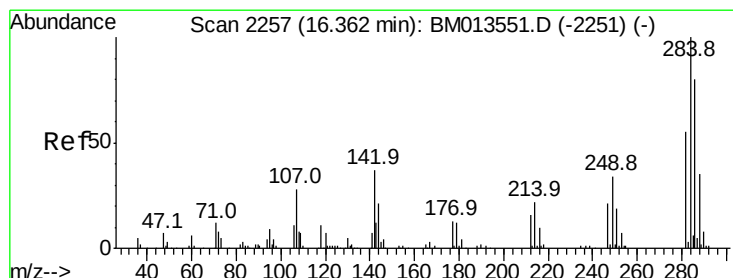
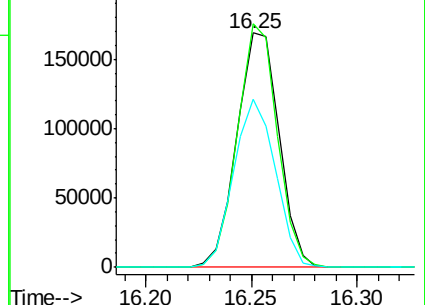
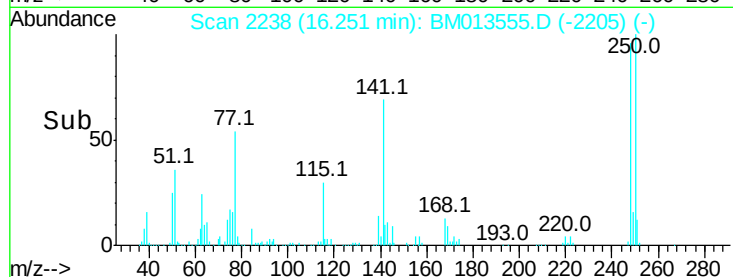
#65
4-Bromophenyl-phenylether
Concen: 21.699 ng/ul
RT: 16.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.8	80.5	120.7
141	71.7	53.6	80.4

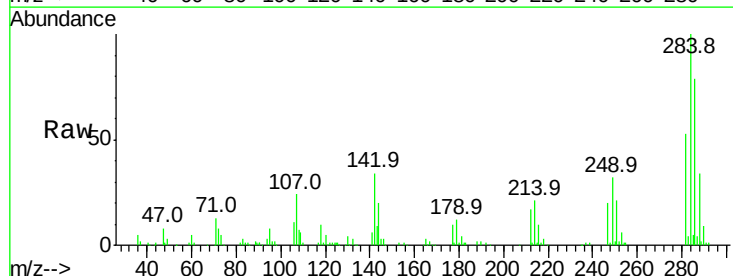


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

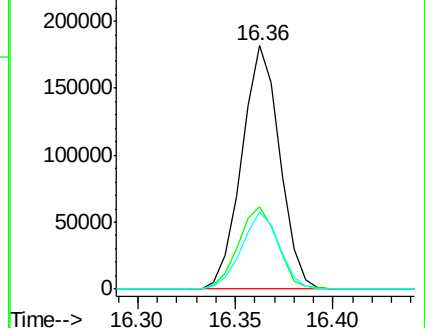
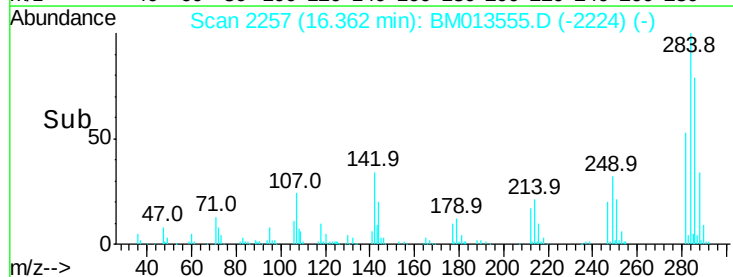


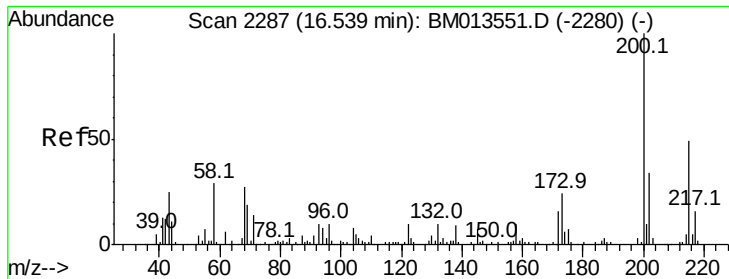
#66
Hexachlorobenzene
Concen: 20.566 ng/ul
RT: 16.36 min Scan# 2257
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	21.2	31.8#
249	31.6	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

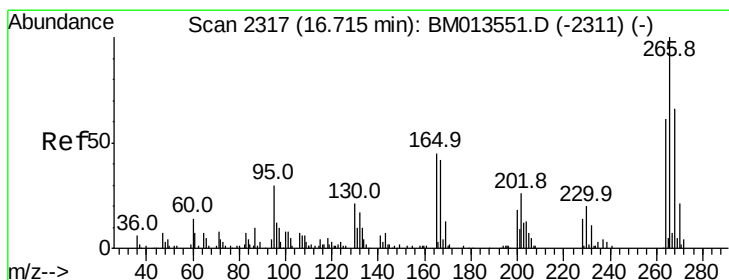
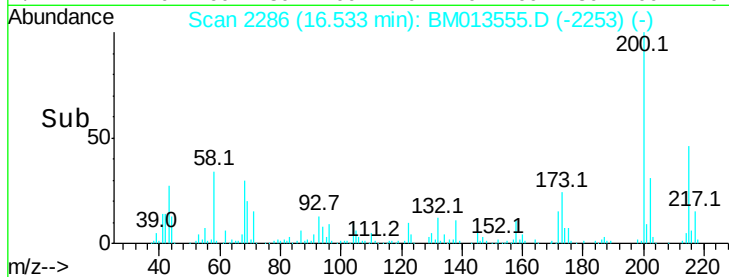
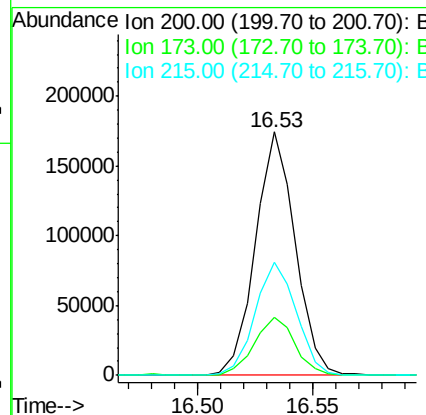
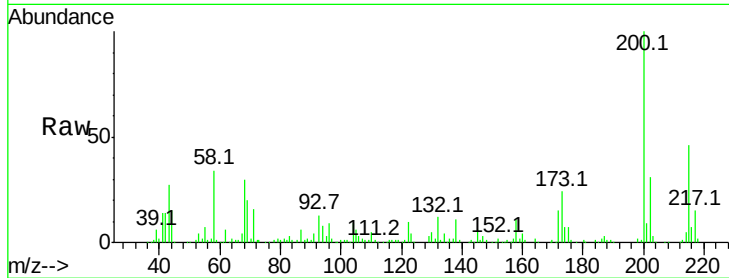




#67
Atrazine
Concen: 20.886 ng/ul
RT: 16.53 min Scan# 2286
Delta R.T. -0.01 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

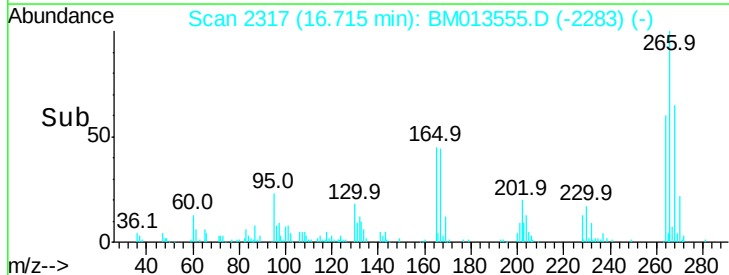
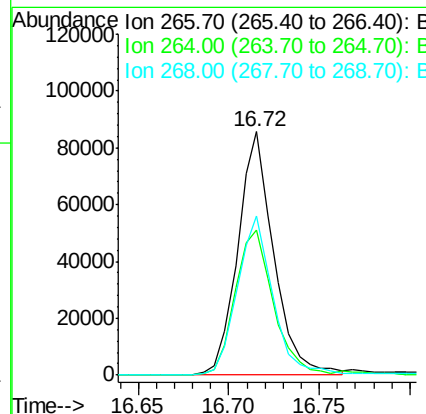
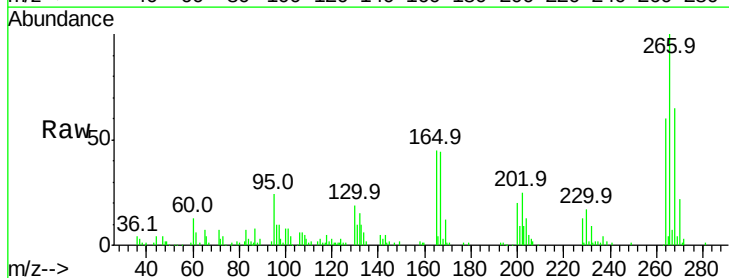
Instrument :
BNA_M
ClientSampleId :

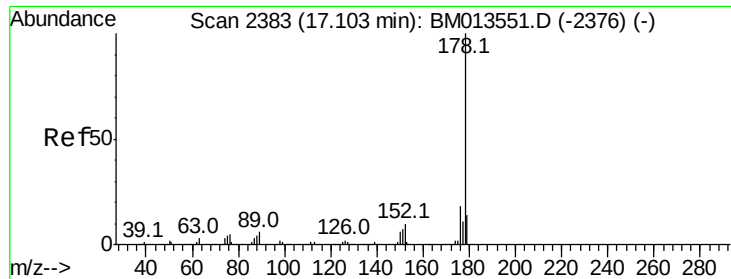
Tot Ion	Ratio	Lower	Upper
200	100		
173	23.9	18.2	27.2
215	46.5	35.0	52.4



#68
Pentachlorophenol
Concen: 17.058 ng/ul
RT: 16.72 min Scan# 2317
Delta R.T. 0.00 min
Lab File: BM013555.D
Acq: 04 Jan 2018 12:24

Tgt Ion	Ratio	Lower	Upper
266	100		
264	59.5	49.3	73.9
268	65.2	52.6	78.8





#69

Phenanthrene

Concen: 20.502 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

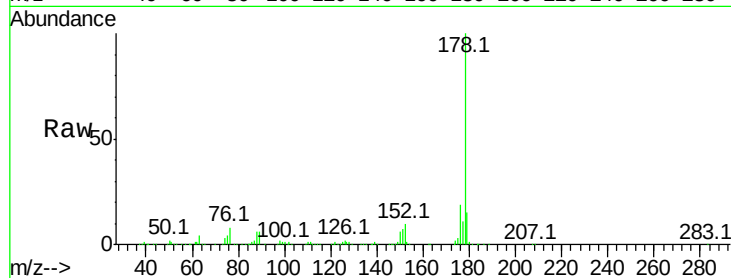
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1072971

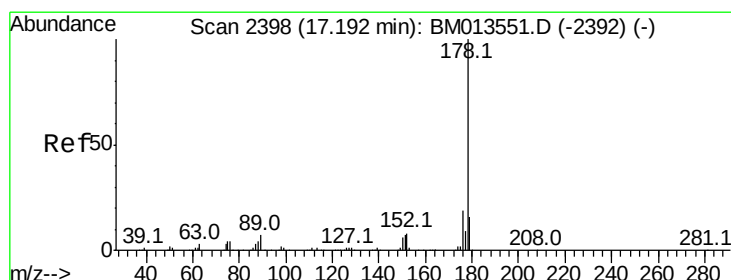
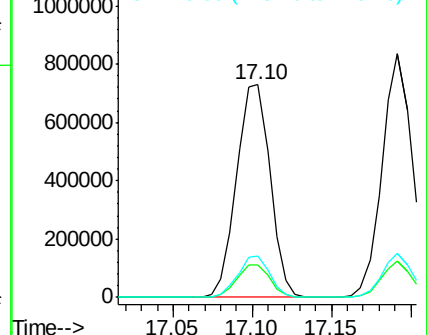
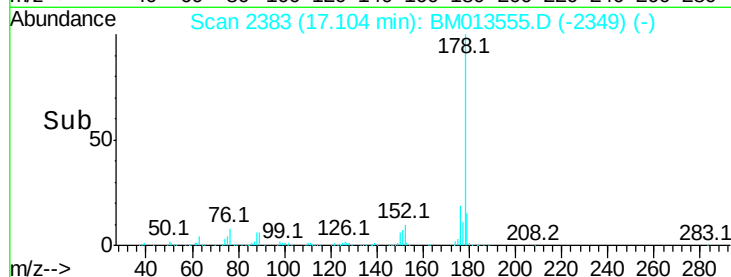
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.5	14.9	22.3



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: 20.749 ng/ul

RT: 17.19 min Scan# 2398

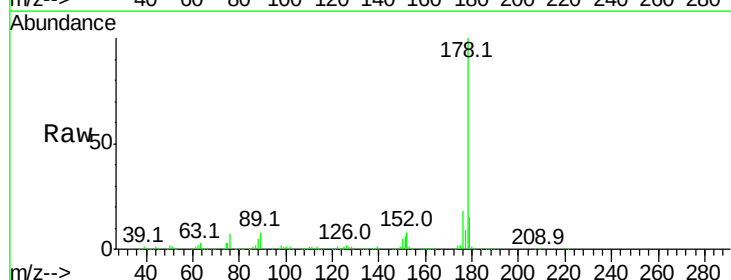
Delta R.T. -0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:178 Resp: 1109964

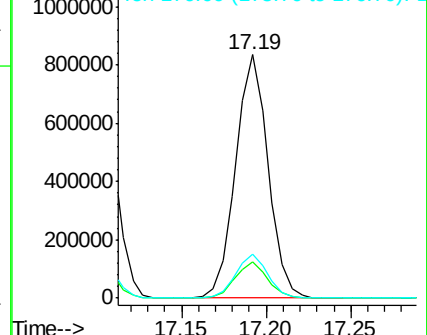
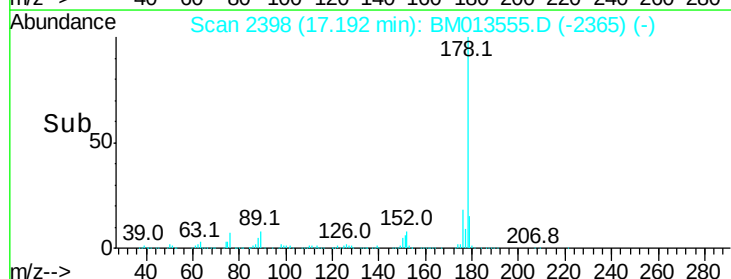
Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	18.2	14.6	21.8

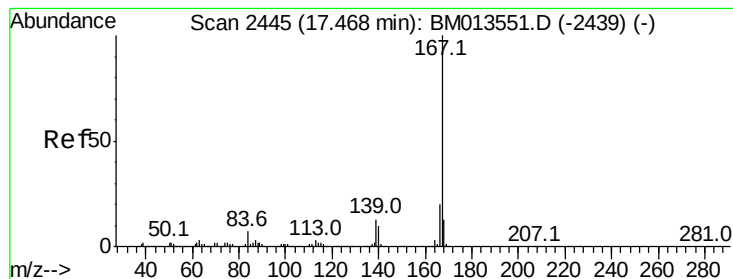


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 18.311 ng/ul

RT: 17.47 min Scan# 2445

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

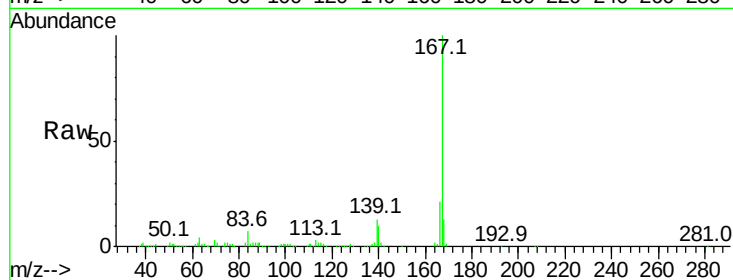
Instrument :

BNA_M

ClientSampleId :

Tot Ion:167 Resp: 842566

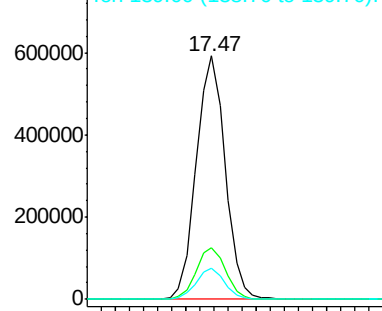
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.7	10.0	15.0



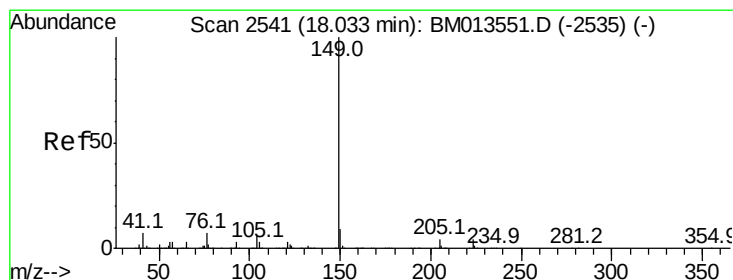
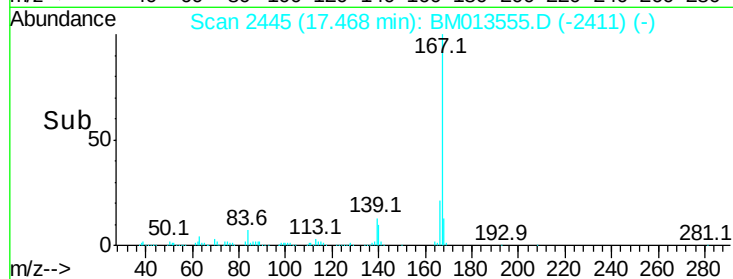
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



Time-->



#73

Di-n-butylphthalate

Concen: 20.336 ng/ul

RT: 18.03 min Scan# 2541

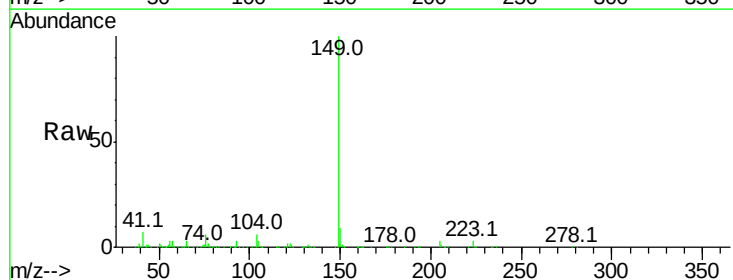
Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:149 Resp: 1092387

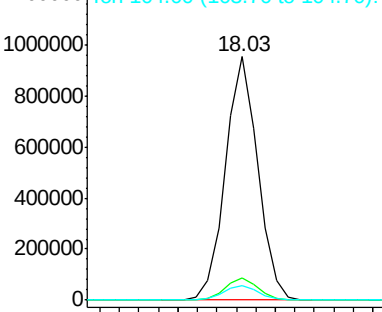
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.1	10.7
104	6.2	5.6	8.4



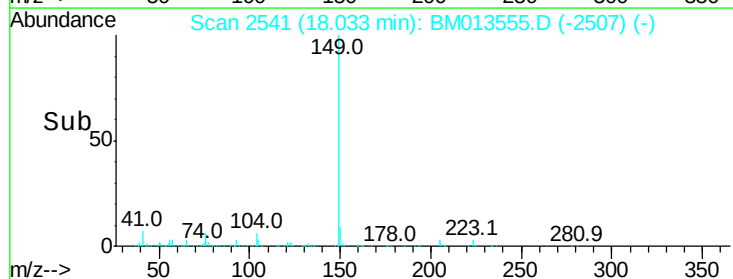
Abundance Ion 149.00 (148.70 to 149.70): E

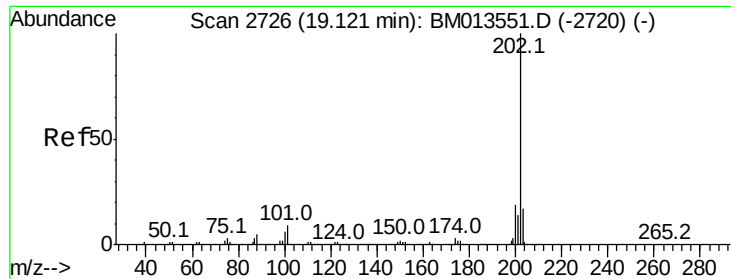
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->





#74

Fluoranthene

Concen: 17.608 ng/ul

RT: 19.12 min Scan# 2726

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

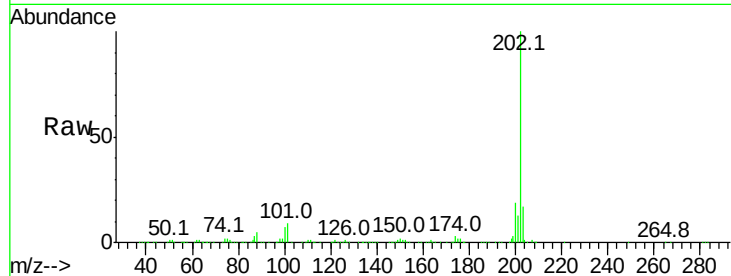
Tot Ion:202 Resp: 1129309

Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	7.0	3.4	5.2#

202 100

101 8.7 4.6 7.0#

100 7.0 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

1200000

1000000

800000

600000

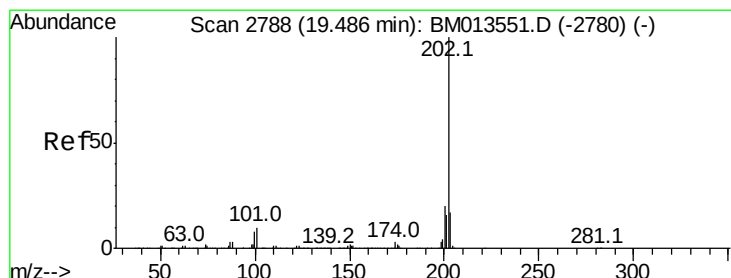
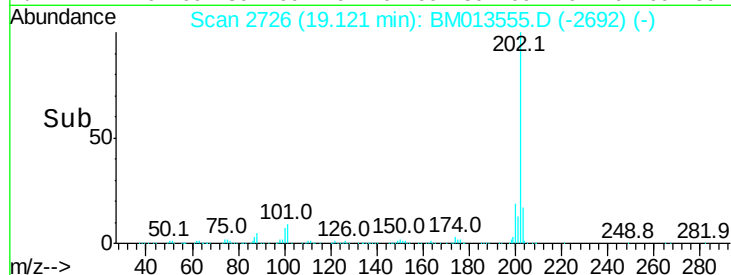
400000

200000

0

19.05 19.10 19.15 19.20

Time-->



#77

Pyrene

Concen: 24.860 ng/ul

RT: 19.49 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

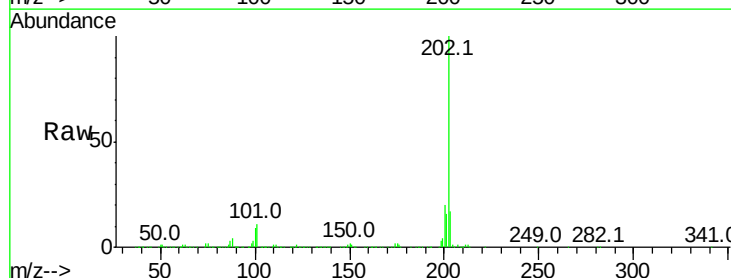
Tgt Ion:202 Resp: 1110697

Ion	Ratio	Lower	Upper
202	100		
101	10.8	5.1	7.7#
100	9.1	4.9	7.3#

202 100

101 10.8 5.1 7.7#

100 9.1 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

1200000

1000000

800000

600000

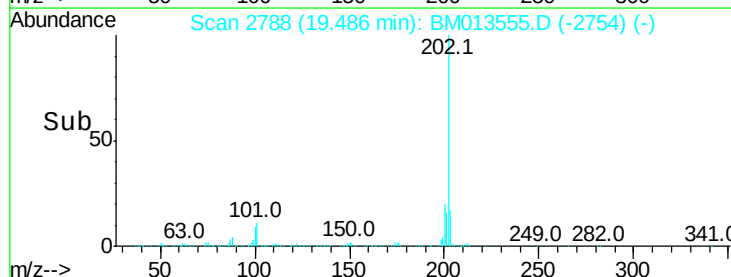
400000

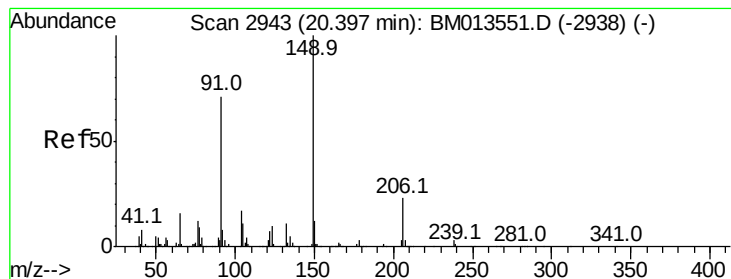
200000

0

19.40 19.45 19.50 19.55

Time-->





#78

Butylbenzylphthalate

Concen: 22.463 ng/ul

RT: 20.40 min Scan# 2943

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

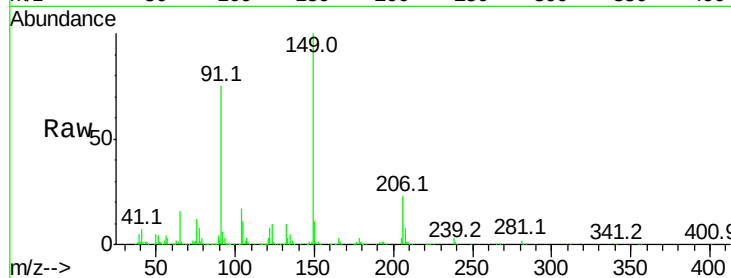
Tot Ion:149 Resp: 392143

Ion Ratio Lower Upper

149 100

91 74.8 62.7 94.1

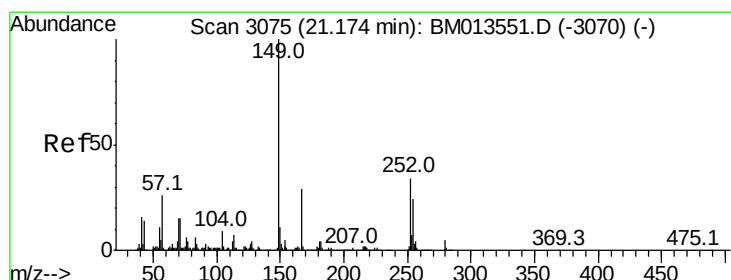
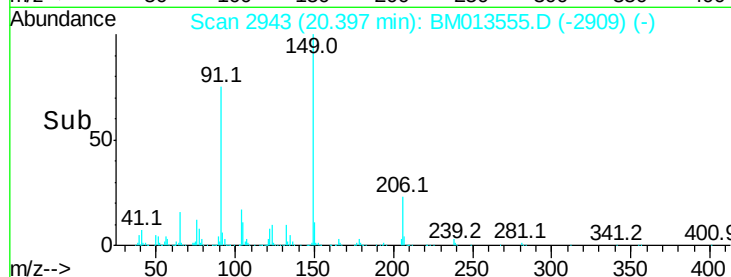
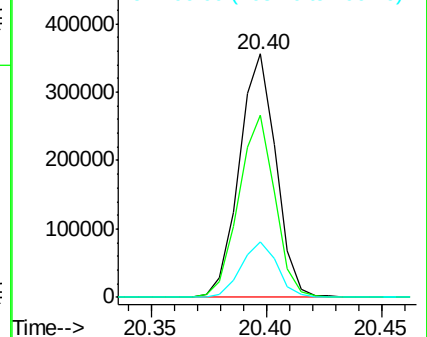
206 22.8 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 18.836 ng/ul

RT: 21.18 min Scan# 3076

Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

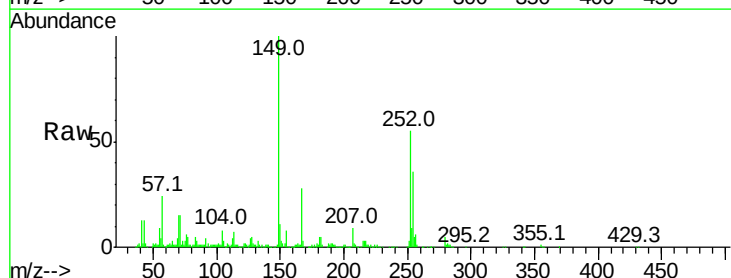
Tgt Ion:252 Resp: 291203

Ion Ratio Lower Upper

252 100

254 64.7 54.5 81.7

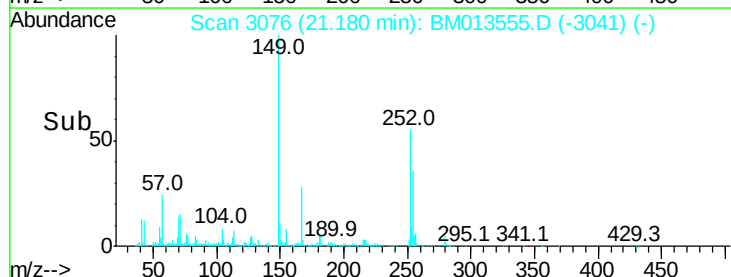
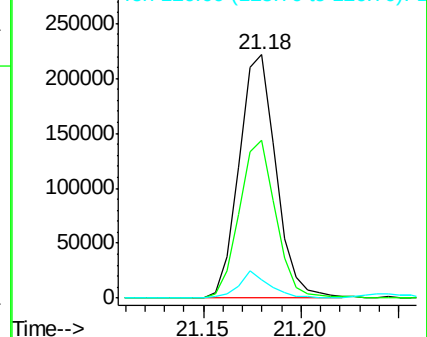
126 7.7 5.8 8.8

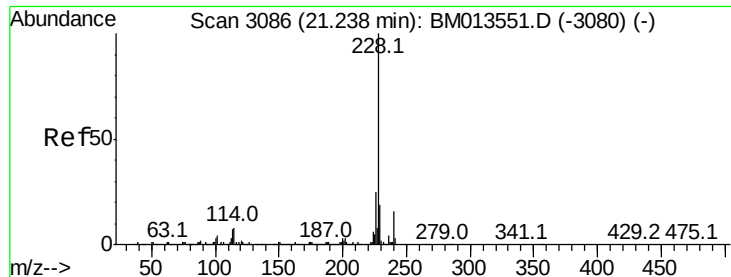


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 20.265 ng/ul

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampled :

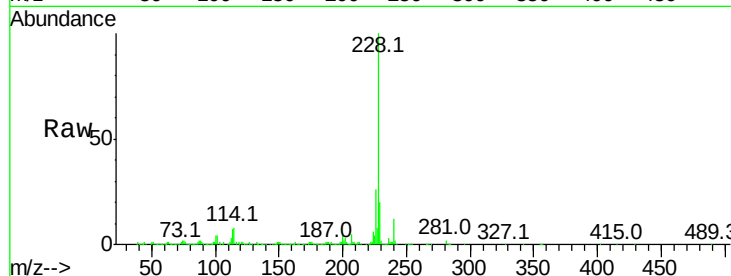
Tot Ion:228 Resp: 945576

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.4	23.0
226	26.0	21.4	32.0

228 100

229 20.2 15.4 23.0

226 26.0 21.4 32.0

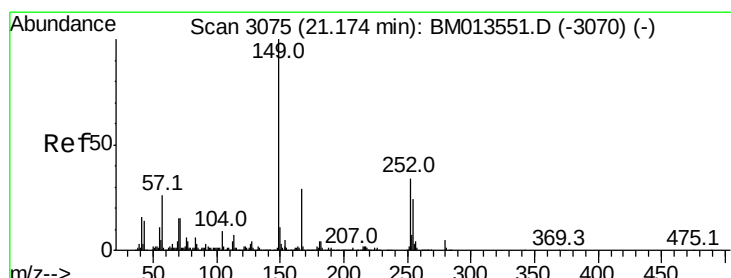
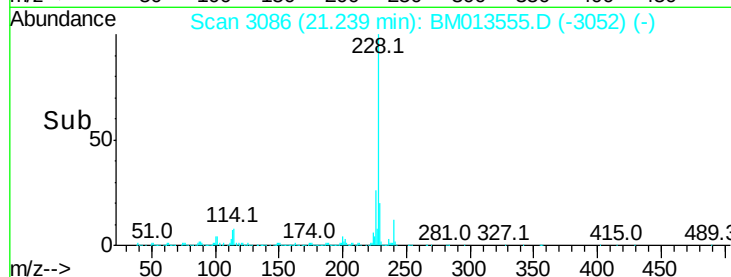
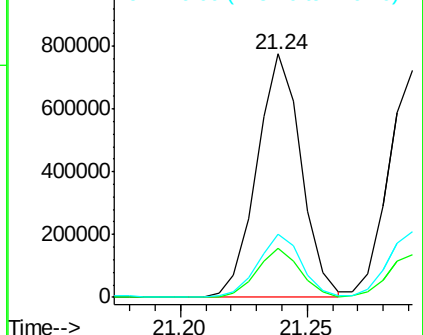


Abundance

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: 20.653 ng/ul

RT: 21.17 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

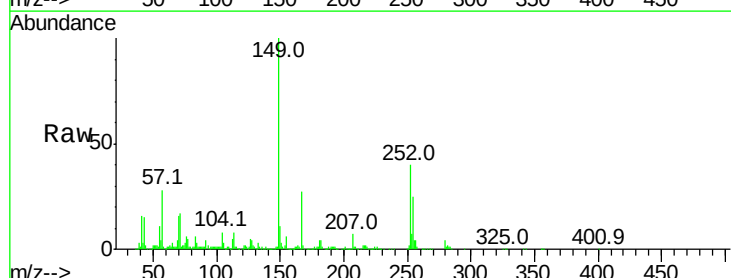
Tgt Ion:149 Resp: 543433

Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.8	34.2
279	4.3	4.9	7.3#

149 100

167 26.5 22.8 34.2

279 4.3 4.9 7.3#

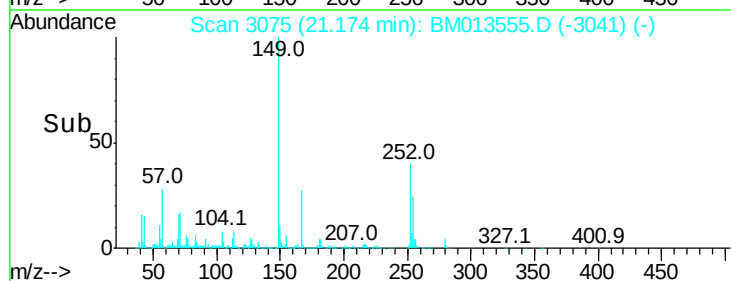
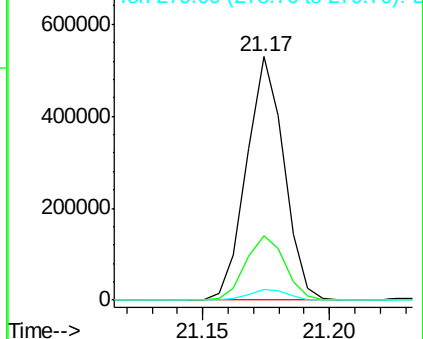


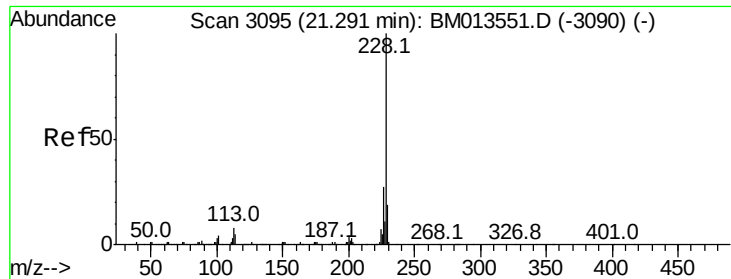
Abundance

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: 20.334 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

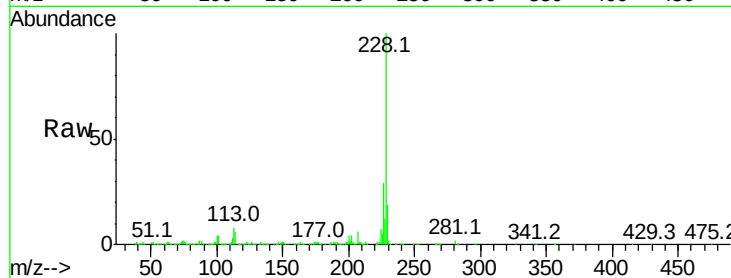
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 880239

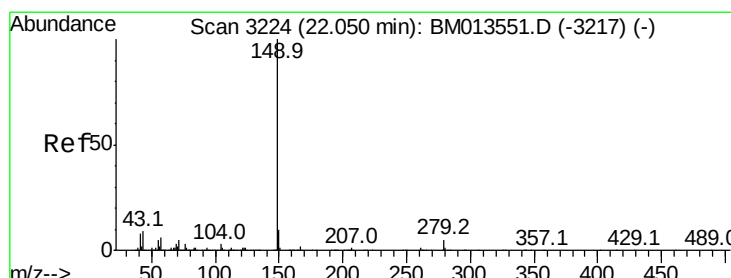
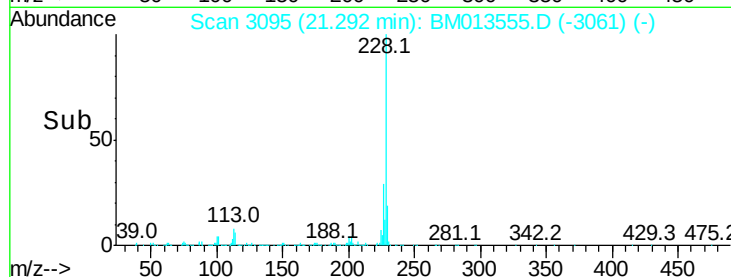
Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.4	35.2
229	18.9	15.5	23.3



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: 17.264 ng/ul

RT: 22.05 min Scan# 3224

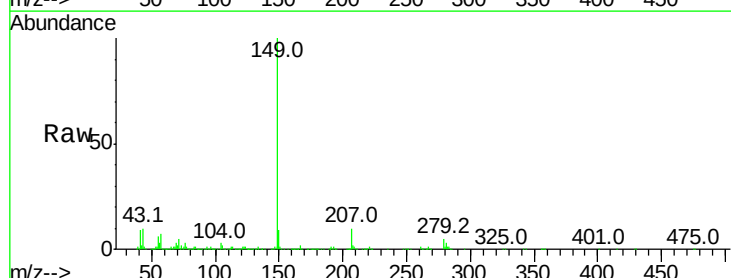
Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Tgt Ion:149 Resp: 855612

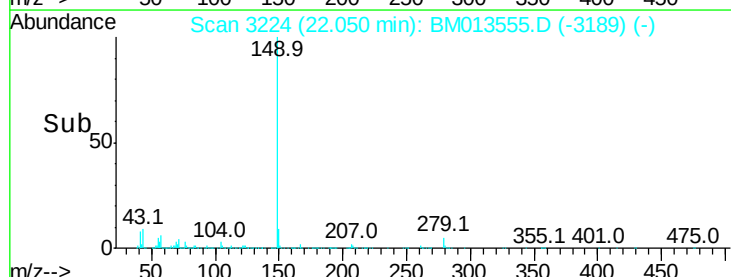
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.5	7.3	10.9

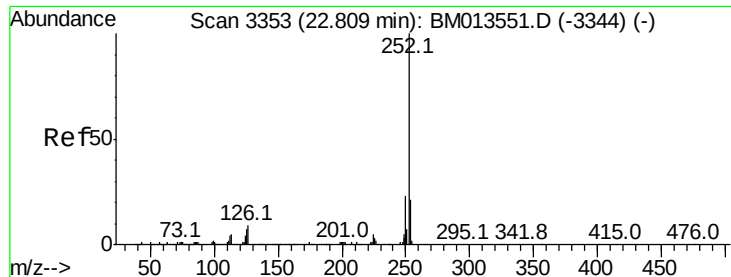


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 19.193 ng/ul

RT: 22.81 min Scan# 3353

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

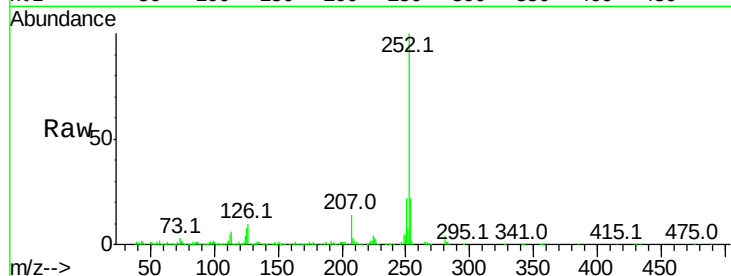
Tot Ion:252 Resp: 901753

Ion Ratio Lower Upper

252 100

253 22.2 17.9 26.9

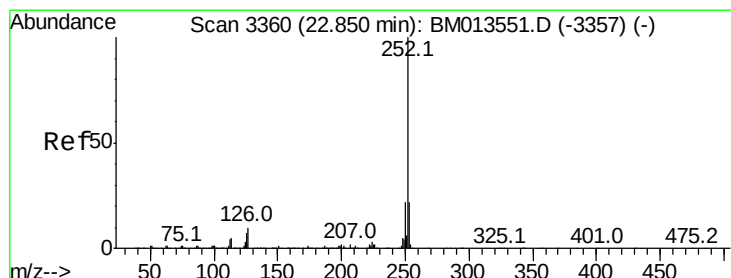
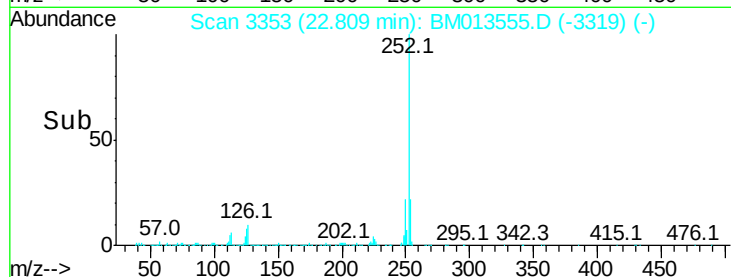
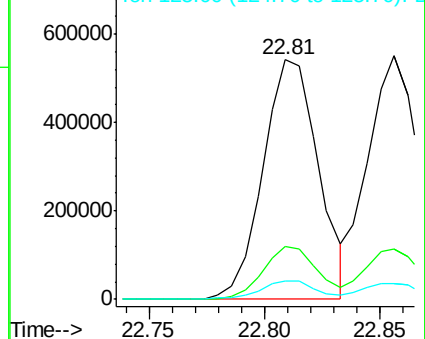
125 7.7 3.6 5.4#



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: 19.430 ng/ul

RT: 22.86 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

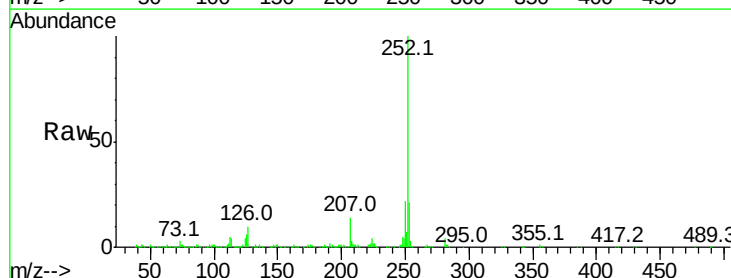
Tgt Ion:252 Resp: 859089

Ion Ratio Lower Upper

252 100

253 20.5 17.1 25.7

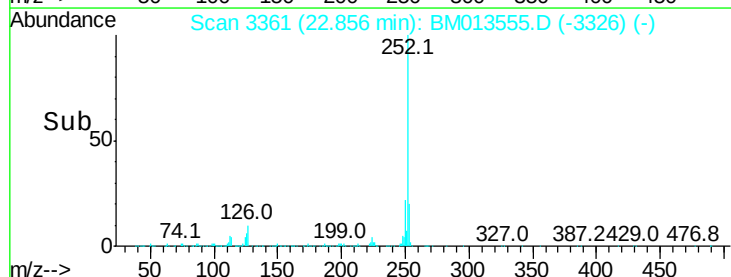
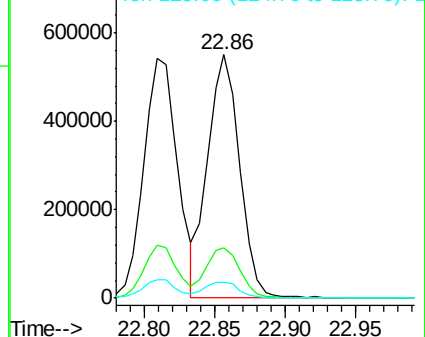
125 6.3 3.4 5.2#

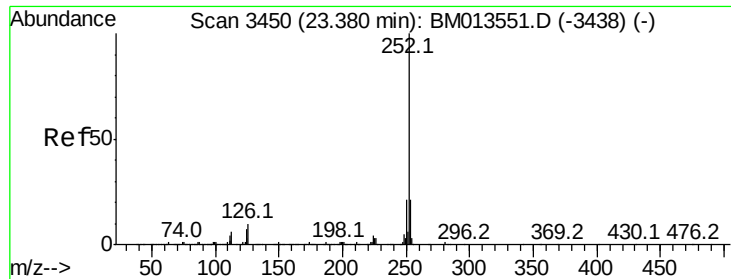


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.891 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. 0.00 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

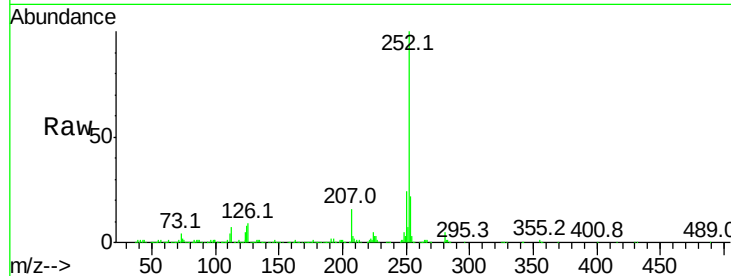
Tot Ion:252 Resp: 839501

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.2

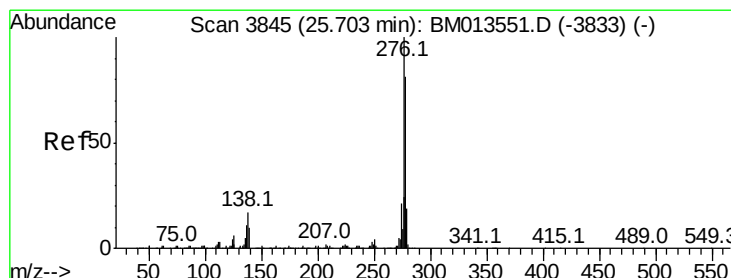
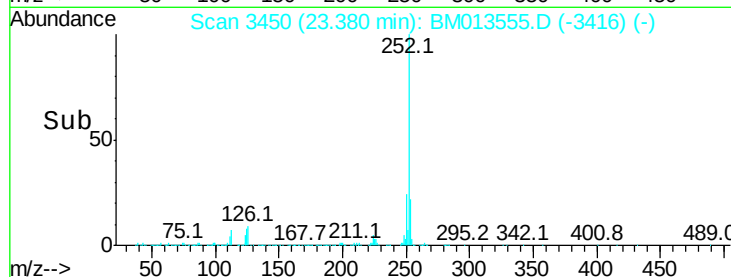
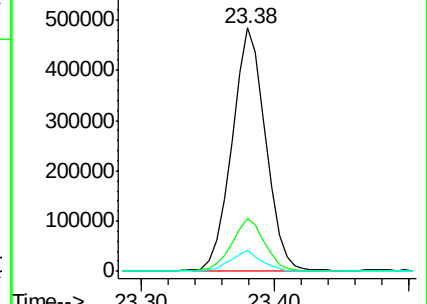
125 8.4 4.0 6.0#



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: 24.446 ng/ul

RT: 25.71 min Scan# 3846

Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

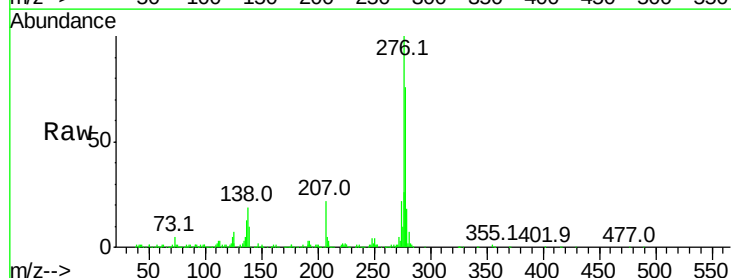
Tgt Ion:276 Resp: 1023712

Ion Ratio Lower Upper

276 100

138 18.7 9.3 13.9#

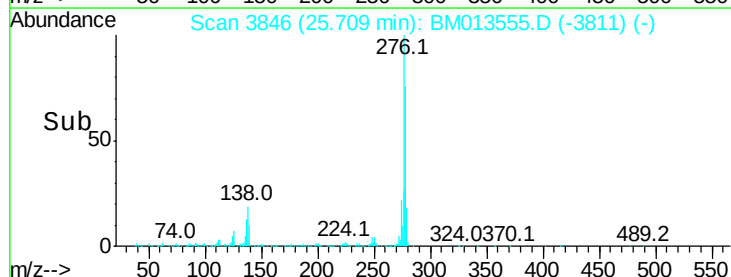
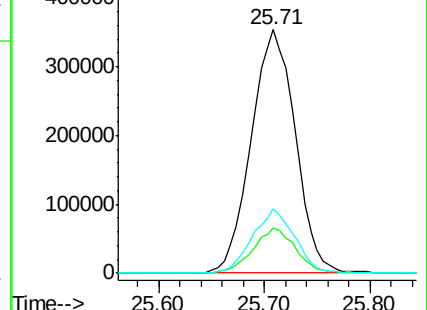
277 26.2 19.9 29.9

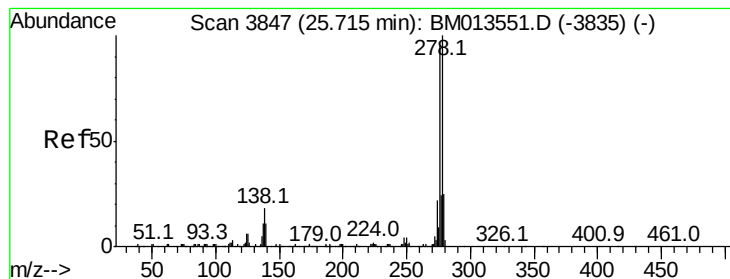


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 24.326 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

Instrument :

BNA_M

ClientSampleId :

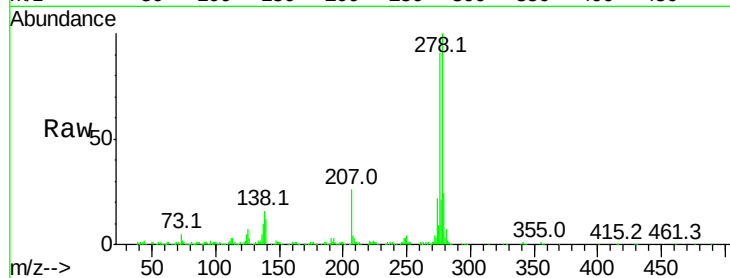
Tot Ion:278 Resp: 867411

Ion Ratio Lower Upper

278 100

139 11.8 5.8 8.8#

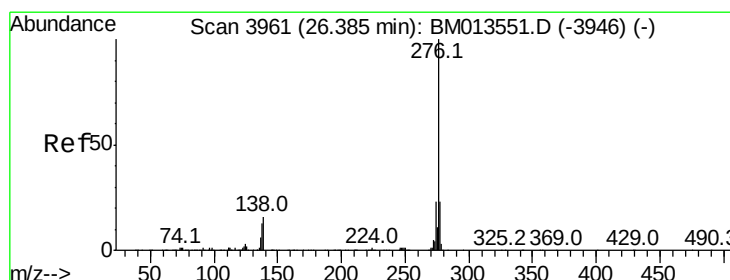
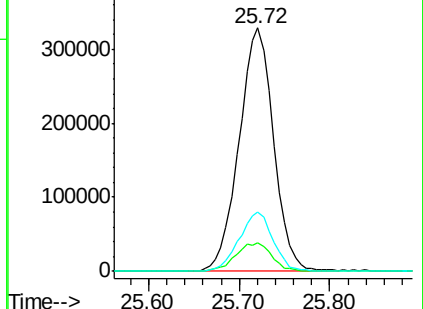
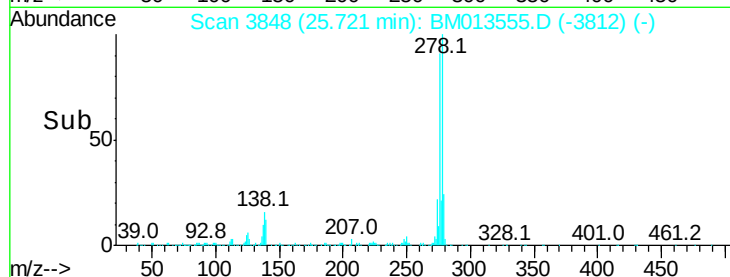
279 24.5 18.6 27.8



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: 25.989 ng/ul

RT: 26.39 min Scan# 3962

Delta R.T. 0.01 min

Lab File: BM013555.D

Acq: 04 Jan 2018 12:24

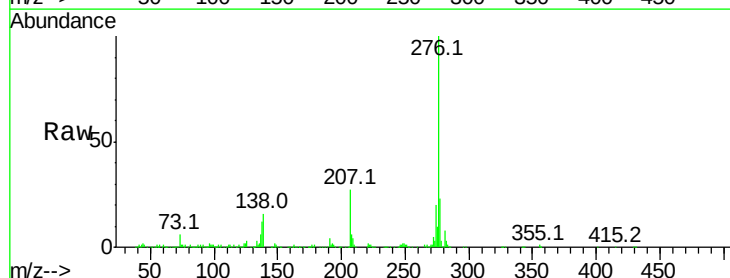
Tgt Ion:276 Resp: 858473

Ion Ratio Lower Upper

276 100

138 15.6 8.5 12.7#

277 23.3 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

