

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013955.D
 Acq On : 29 Jan 2018 12:56
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02006

Quant Time: Jan 30 01:01:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 29 04:03:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99424	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	396222	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	240405	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	577218	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	600518	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	565842	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	13499	5.37	ng/uL	-0.01
5) Phenol-d5	6.76	99	145806	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	85977	18.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	127508	20.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	119738	20.41	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	63226	20.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	77904	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	138274	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	144472	26.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	433623	21.89	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	518755	20.53	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	62543	19.42	ng/ul	0.00
57) Fluorene-d10	15.23	176	359392	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	62969	18.12	ng/ul	0.00
70) Anthracene-d10	16.98	188	577218	20.53	ng/ul	-0.10
76) Pyrene-d10	19.39	212	621721	22.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	543075	20.88	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.16	88	14592	5.295	ng/uL# 65
4) Benzaldehyde	6.73	77	109214	20.676	ng/ul 97
6) Phenol	6.79	94	146286	19.108	ng/ul 91
8) Bis(2-Chloroethyl)ether	7.01	93	114295	19.079	ng/ul 90
10) 2-Chlorophenol	7.14	128	126455	20.401	ng/ul 94
11) 2-Methylphenol	8.02	108	114080	20.215	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.10	45	108525	17.804	ng/ul# 74
14) Acetophenone	8.40	105	197586	20.349	ng/ul 87
15) N-Nitroso-di-n-propylamine	8.38	70	103299	21.806	ng/ul# 70
16) 4-Methylphenol	8.35	108	121119	20.073	ng/ul 92
17) Hexachloroethane	8.63	117	62052	20.566	ng/ul# 77
20) Nitrobenzene	8.77	77	162889	20.509	ng/ul 97
21) Isophorone	9.29	82	269529	21.004	ng/ul 95
23) 2-Nitrophenol	9.48	139	73184	21.616	ng/ul# 80
24) 2,4-Dimethylphenol	9.54	107	153627	21.522	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.78	93	153744	19.652	ng/ul 99
27) 2,4-Dichlorophenol	10.00	162	128632	21.268	ng/ul# 86
28) Naphthalene	10.39	128	397166	20.148	ng/ul 100
30) 4-Chloroaniline	10.52	127	141759	26.255	ng/ul 99
31) Hexachlorobutadiene	10.67	225	105899	21.330	ng/ul 97
32) Caprolactam	11.30	113	11714	6.962	ng/ul# 40
33) 4-Chloro-3-methylphenol	11.66	107	133340	21.747	ng/ul 96
34) 2-Methylnaphthalene	12.02	142	299060	20.349	ng/ul 97

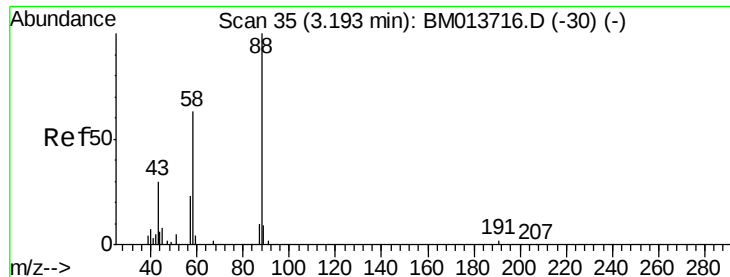
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	188791	21.194	ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	50901	13.764	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	117465	22.781	ng/ul	91
39) 2,4,5-Trichlorophenol	12.73	196	123563	23.030	ng/ul	94
40) 1,1'-Biphenyl	13.05	154	403482	20.163	ng/ul	94
41) 2-Chloronaphthalene	13.09	162	323273	20.666	ng/ul	99
42) 2-Nitroaniline	13.32	65	96448	22.351	ng/ul	96
44) Dimethylphthalate	13.69	163	412780	21.189	ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	86617	22.944	ng/ul#	94
47) Acenaphthylene	13.95	152	469938	20.328	ng/ul	98
48) 3-Nitroaniline	14.16	138	73072	24.612	ng/ul	92
49) Acenaphthene	14.29	153	327204	20.437	ng/ul	96
50) 2,4-Dinitrophenol	14.38	184	27805	12.848	ng/ul#	67
52) 4-Nitrophenol	14.48	109	69966	21.390	ng/ul#	76
53) Dibenzofuran	14.63	168	482576	20.035	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	123581	22.456	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.86	232	114374	22.664	ng/ul	96
56) Diethylphthalate	15.06	149	426977	21.779	ng/ul	95
58) Fluorene	15.28	166	401010	20.325	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.28	204	222085	20.831	ng/ul	96
60) 4-Nitroaniline	15.33	138	73547	21.172	ng/ul#	83
63) 4,6-Dinitro-2-methylphenol	15.39	198	65225	17.785	ng/ul	98
64) N-Nitrosodiphenylamine	15.50	169	346721	20.423	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	144234	21.156	ng/ul	94
66) Hexachlorobenzene	16.28	284	152928	20.839	ng/ul#	93
67) Atrazine	16.46	200	145310	21.446	ng/ul	95
68) Pentachlorophenol	16.64	266	82713	21.211	ng/ul	97
69) Phenanthrene	17.02	178	647494	20.180	ng/ul	99
71) Anthracene	17.12	178	661251	19.981	ng/ul	100
72) Carbazole	17.39	167	553862	20.275	ng/ul	99
73) Di-n-butylphthalate	17.96	149	719507	22.395	ng/ul	99
74) Fluoranthene	19.05	202	773798	20.204	ng/ul	98
77) Pyrene	19.42	202	778154	21.315	ng/ul	98
78) Butylbenzylphthalate	20.33	149	310402	24.137	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.11	252	239720	24.130	ng/ul	95
80) Benzo(a)anthracene	21.17	228	756167	20.839	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	439248	22.766	ng/ul	99
82) Chrysene	21.22	228	672635	20.206	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	700117	20.531	ng/ul#	95
85) Benzo(b)fluoranthene	22.72	252	735832	21.175	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	679848	20.241	ng/ul	98
88) Benzo(a)pyrene	23.27	252	668540	20.365	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.55	276	782828	20.202	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.56	278	668325	20.424	ng/ul	97
91) Benzo(g,h,i)perylene	26.22	276	651437	20.426	ng/ul	99

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



#2

1,4-Dioxane

Concen: 5.295 ng/uL

RT: 3.16 min Scan# 30

Delta R.T. -0.01 min

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BNA_M

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SSTD02006

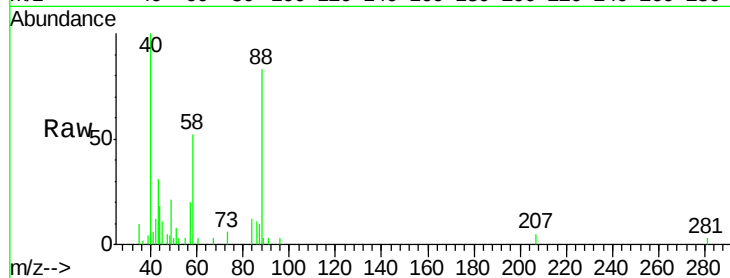
Tot Ion: 88 Resp: 14592

Ion Ratio Lower Upper

88 100

43 40.4 48.0 72.0#

58 59.3 80.0 120.0#

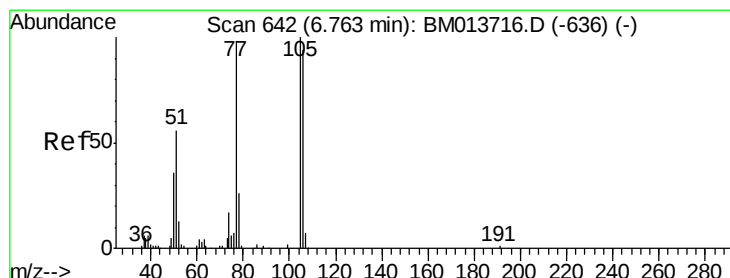
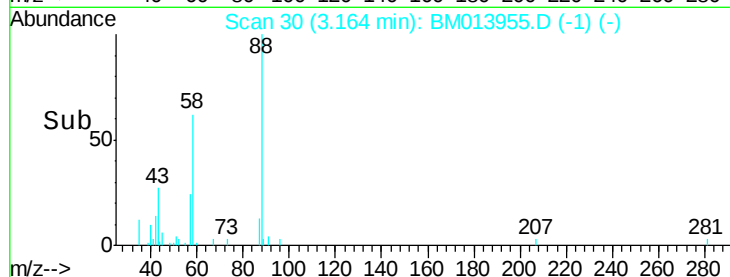


Abundance Ion 88.00 (87.70 to 88.70): BM013955.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013955.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013955.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 20.676 ng/uL

RT: 6.73 min Scan# 636

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

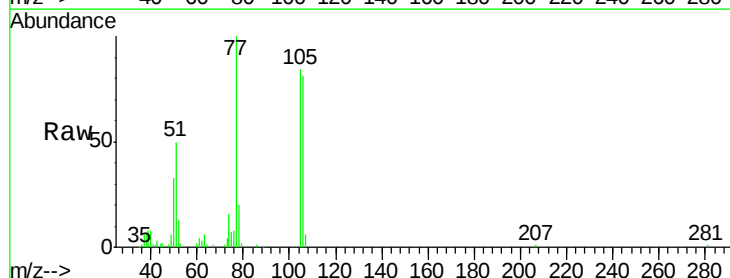
Tgt Ion: 77 Resp: 109214

Ion Ratio Lower Upper

77 100

105 84.1 66.1 99.1

106 81.4 67.8 101.6

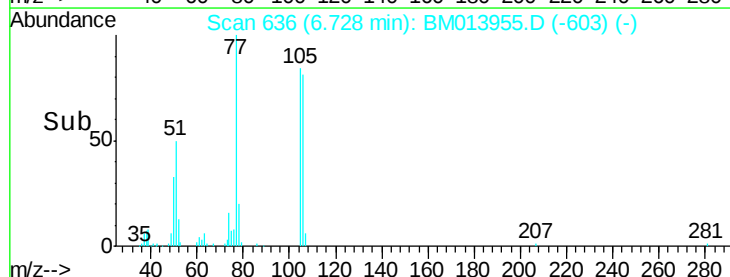


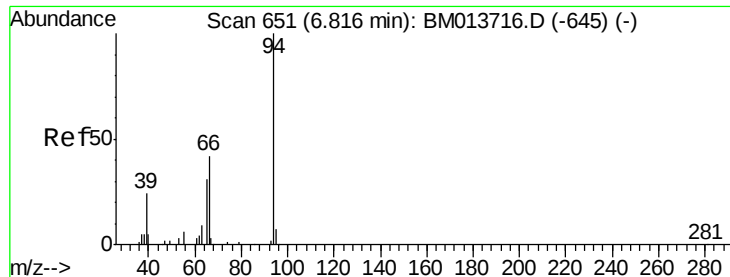
Abundance Ion 77.00 (76.70 to 77.70): BM013955.D (-603) (-)

Ion 105.00 (104.70 to 105.70): BM013955.D (-603) (-)

Ion 106.00 (105.70 to 106.70): BM013955.D (-603) (-)

Time-->





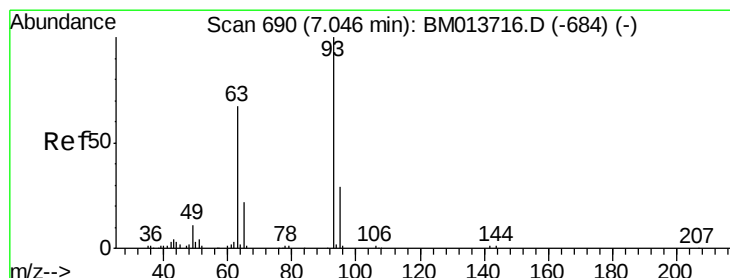
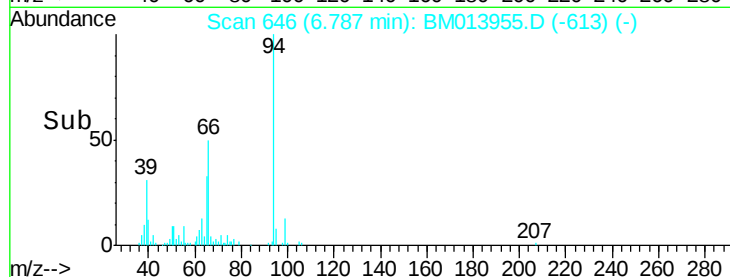
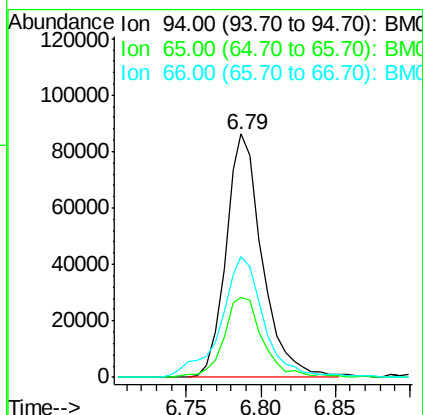
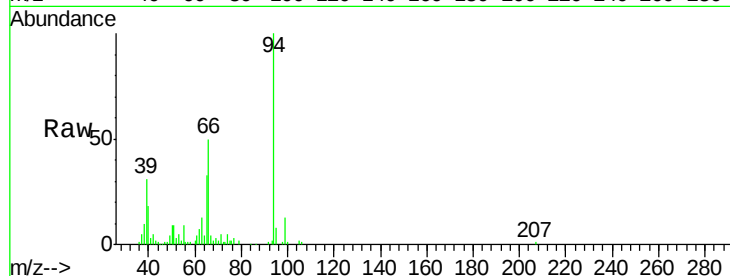
#6

Phenol

Concen: 19.108 ng/ul
 RT: 6.79 min Scan# 646
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SST02006

Tot Ion: 94 Resp: 146286
 Ion Ratio Lower Upper
 94 100
 65 32.7 28.2 42.4
 66 49.8 47.2 70.8

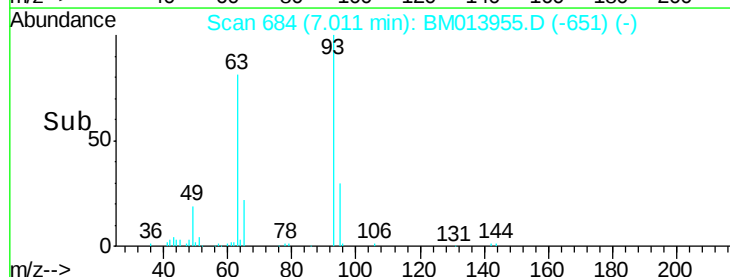
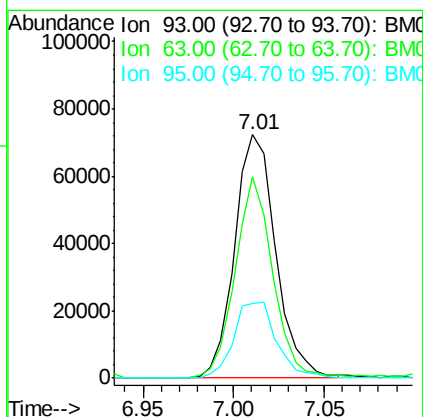
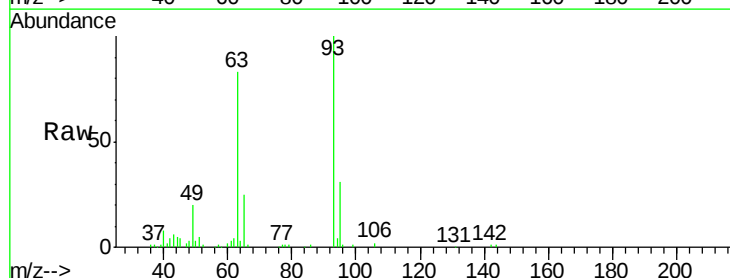


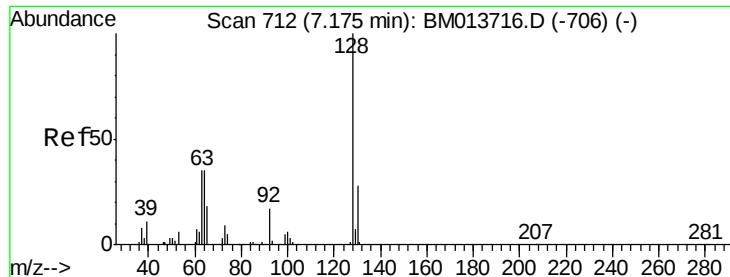
#8

Bis(2-Chloroethyl)ether

Concen: 19.079 ng/ul
 RT: 7.01 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion: 93 Resp: 114295
 Ion Ratio Lower Upper
 93 100
 63 82.6 57.3 85.9
 95 30.8 26.6 39.8

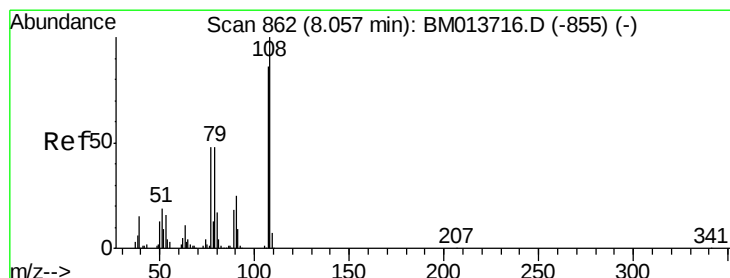
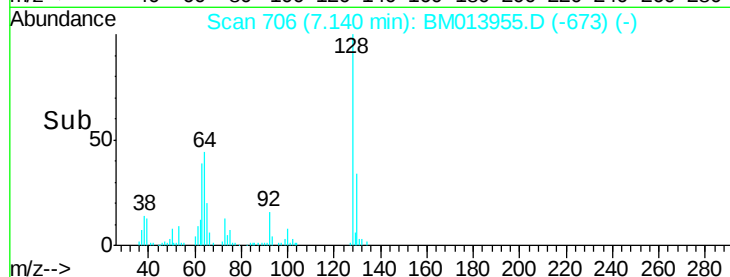
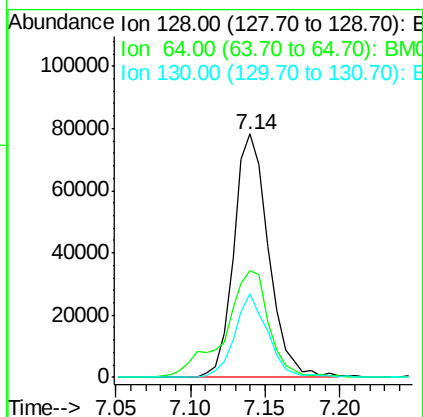
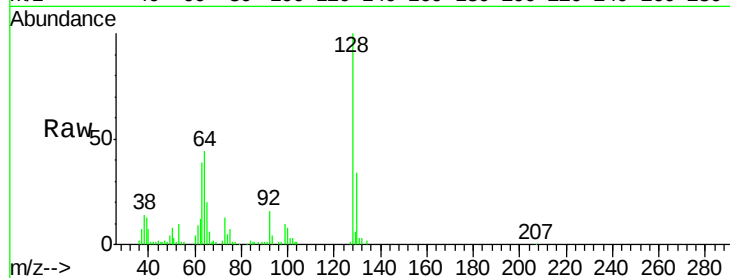




#10
2-Chlorophenol
Concen: 20.401 ng/ul
RT: 7.14 min Scan# 706
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

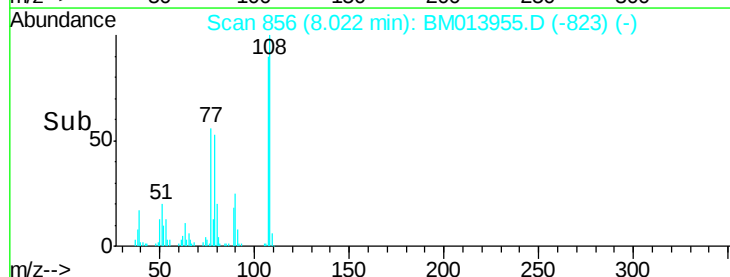
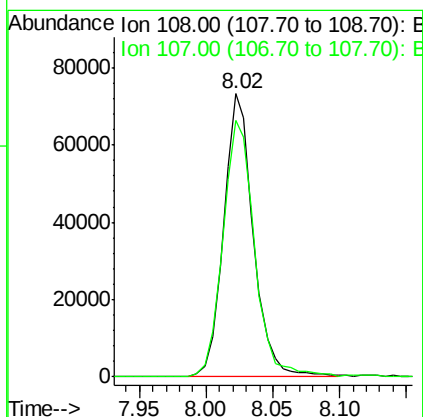
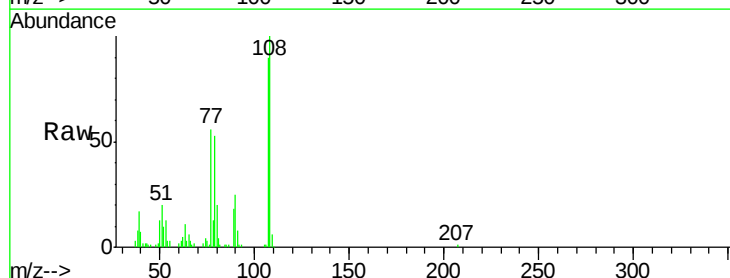
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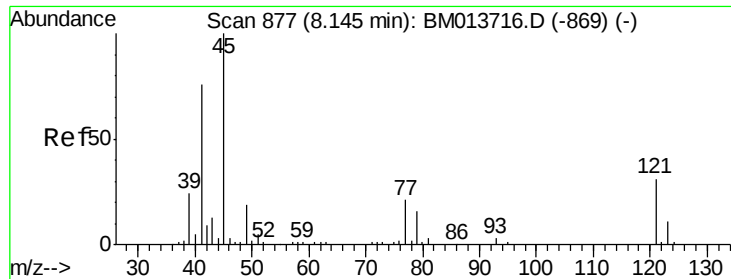
Tot Ion:128 Resp: 126455
Ion Ratio Lower Upper
128 100
64 43.8 38.0 57.0
130 34.5 24.4 36.6



#11
2-Methylphenol
Concen: 20.215 ng/ul
RT: 8.02 min Scan# 856
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:108 Resp: 114080
Ion Ratio Lower Upper
108 100
107 90.5 72.6 108.8

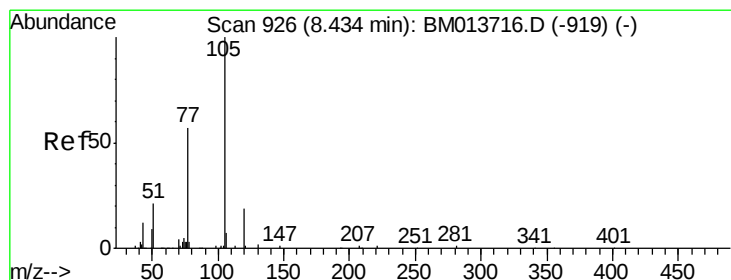
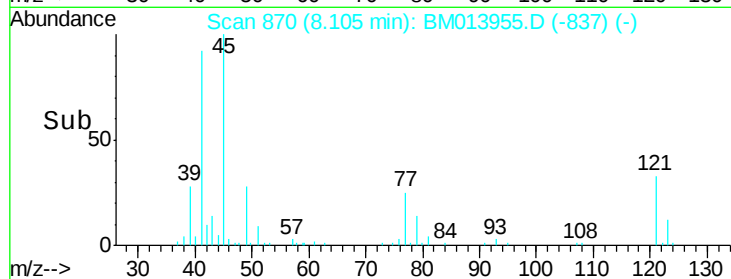
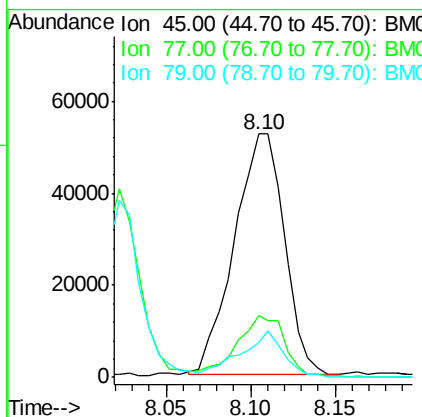
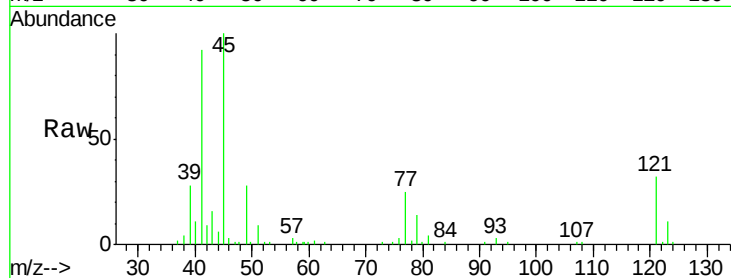




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 17.804 ng/ul
RT: 8.10 min Scan# 870
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

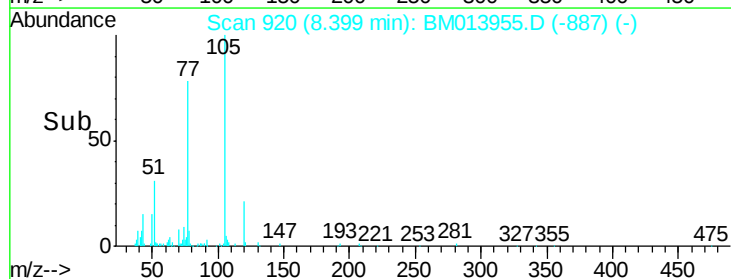
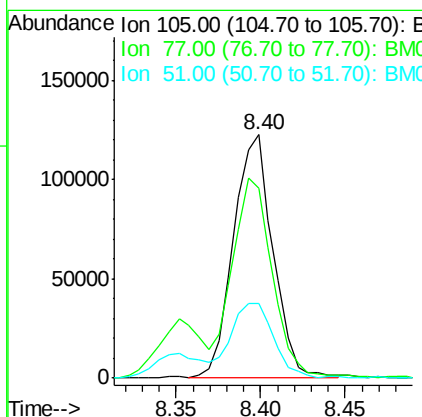
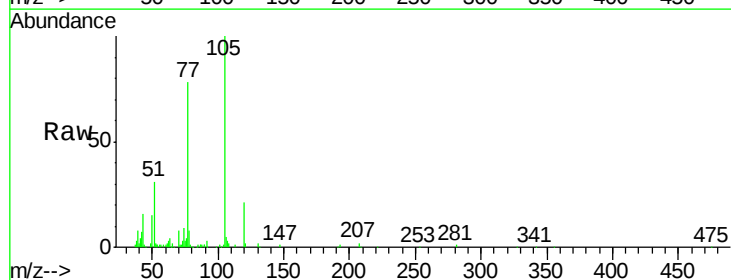
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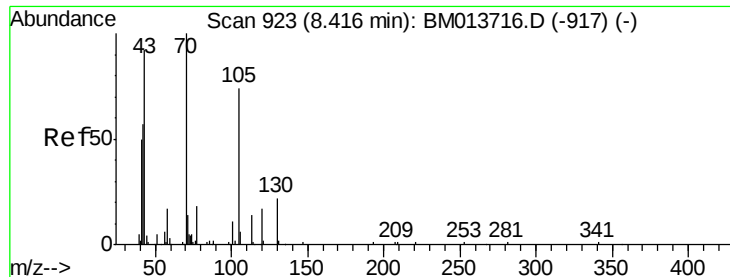
Tot Ion: 45 Resp: 108525
Ion Ratio Lower Upper
45 100
77 25.3 8.0 12.0#
79 14.3 8.0 12.0#



#14
Acetophenone
Concen: 20.349 ng/ul
RT: 8.40 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion: 105 Resp: 197586
Ion Ratio Lower Upper
105 100
77 77.9 74.2 111.4
51 30.8 23.4 35.2

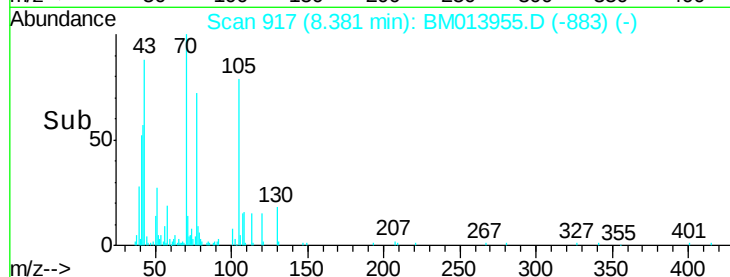
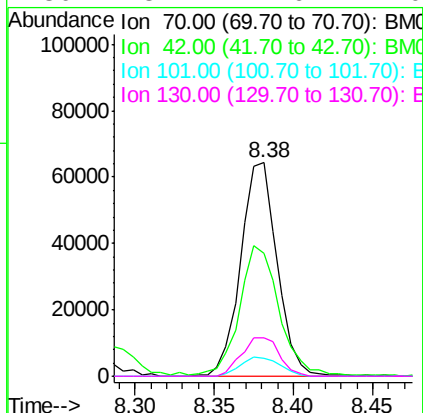
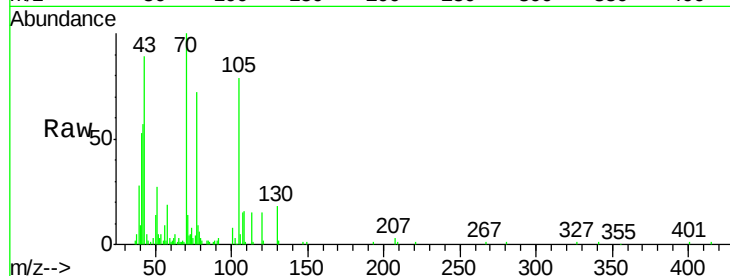




#15
N-Nitroso-di-n-propylamine
Concen: 21.806 ng/ul
RT: 8.38 min Scan# 917
Delta R.T. 0.00 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

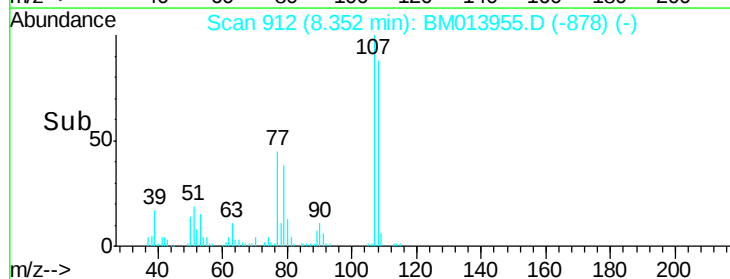
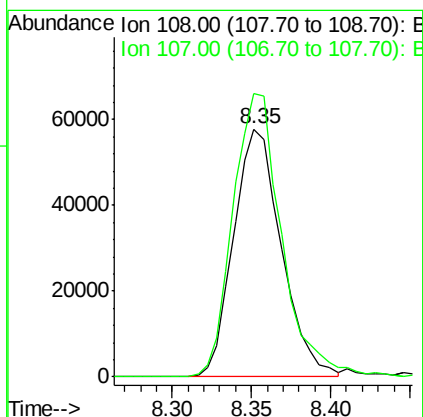
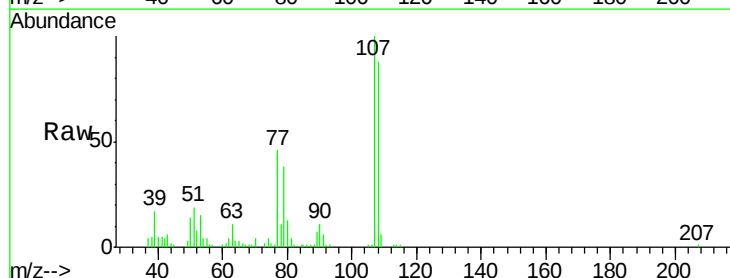
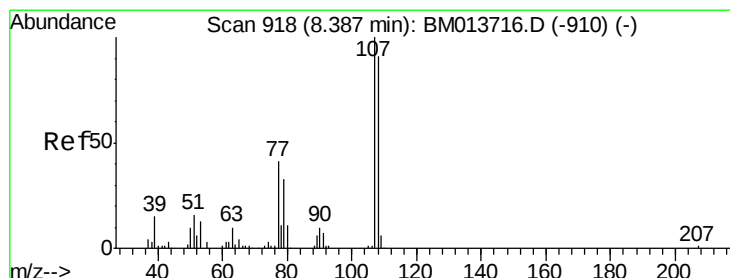
Instrument :
BNA_M
ClientSampleId :
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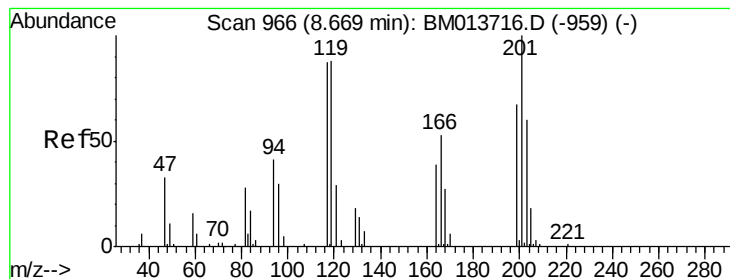
Tot Ion: 70 Resp: 103299
Ion Ratio Lower Upper
70 100
42 57.4 76.0 114.0#
101 8.3 6.7 10.1
130 18.1 14.6 22.0



#16
4-Methylphenol
Concen: 20.073 ng/ul
RT: 8.35 min Scan# 912
Delta R.T. 0.00 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion: 108 Resp: 121119
Ion Ratio Lower Upper
108 100
107 114.3 84.9 127.3





#17

Hexachloroethane

Concen: 20.566 ng/ul

RT: 8.63 min Scan# 959

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

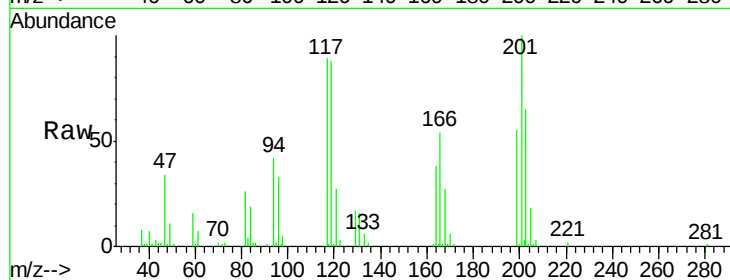
Tot Ion:117 Resp: 62052

Ion Ratio Lower Upper

117 100

201 112.9 111.6 167.4

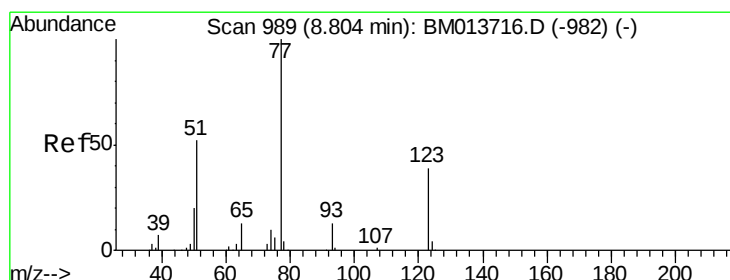
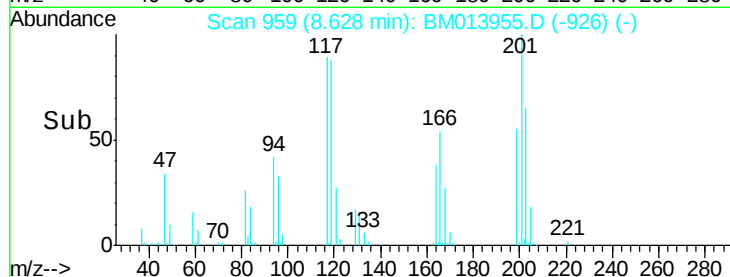
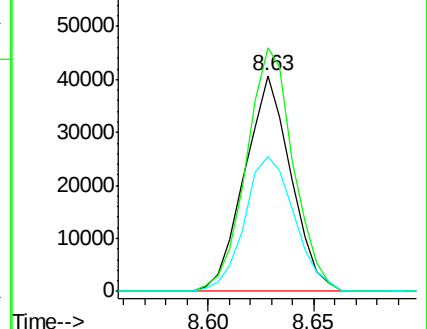
199 62.6 67.8 101.6#



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: 20.509 ng/ul

RT: 8.77 min Scan# 983

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

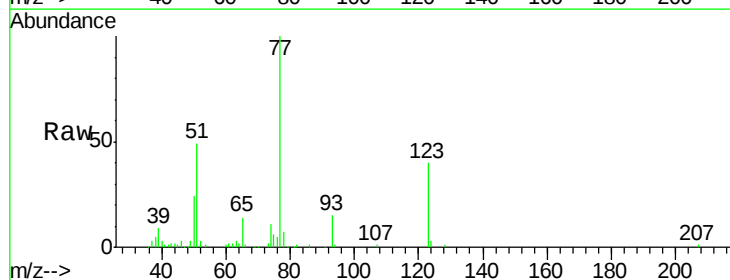
Tgt Ion: 77 Resp: 162889

Ion Ratio Lower Upper

77 100

123 40.3 31.0 46.6

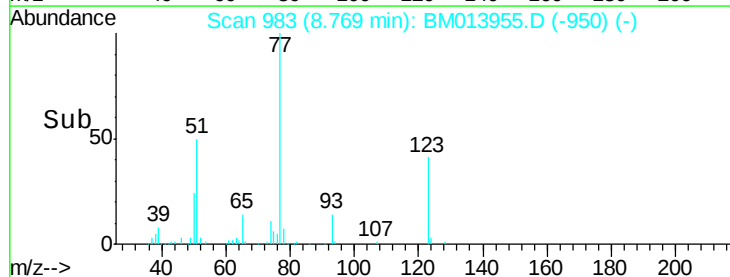
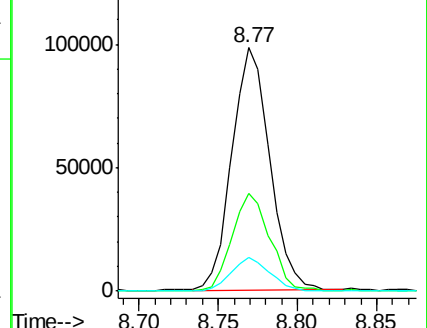
65 13.9 12.2 18.2

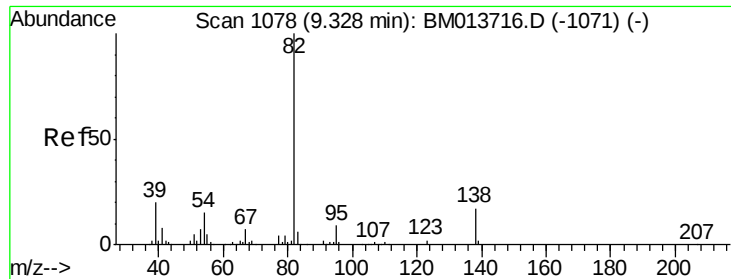


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.004 ng/ul

RT: 9.29 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

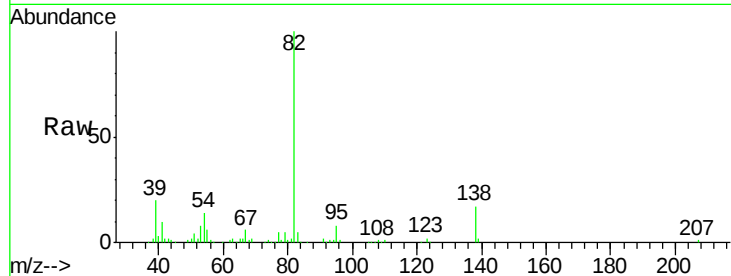
Tot Ion: 82 Resp: 269529

Ion Ratio Lower Upper

82 100

95 7.9 7.8 11.8

138 17.3 11.9 17.9

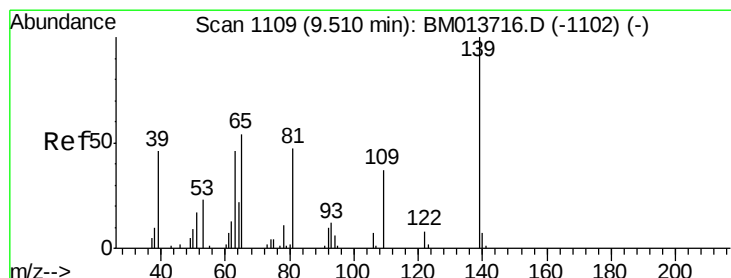
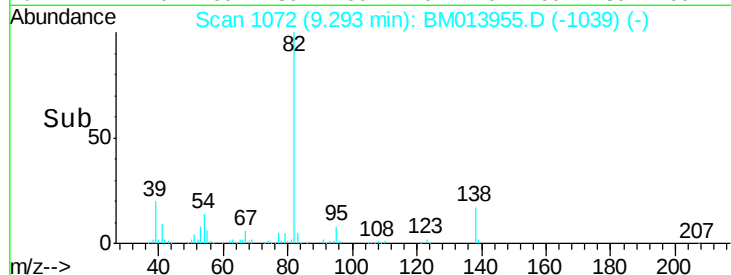


Abundance Ion 82.00 (81.70 to 82.70): BM013716.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM013716.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM013716.D (-1071) (-)

Time-->



#23

2-Nitrophenol

Concen: 21.616 ng/ul

RT: 9.48 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

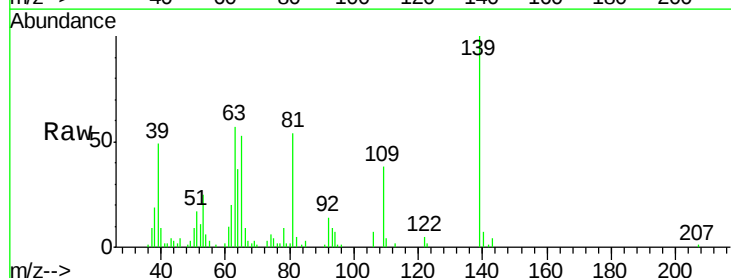
Tgt Ion: 139 Resp: 73184

Ion Ratio Lower Upper

139 100

65 53.0 55.4 83.0#

109 38.1 42.2 63.2#

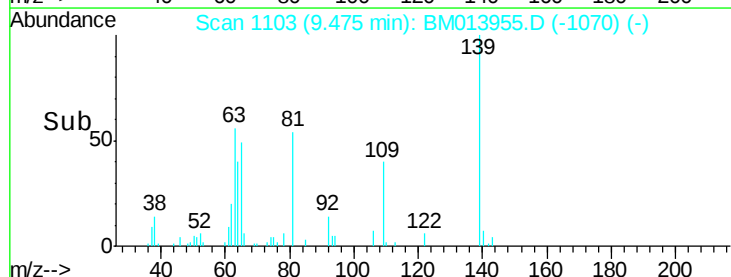


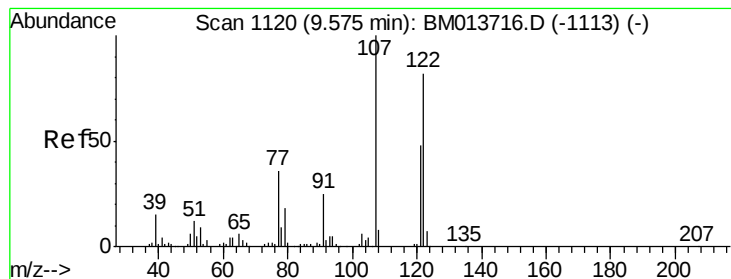
Abundance Ion 139.00 (138.70 to 139.70): BM013716.D (-1102) (-)

Ion 65.00 (64.70 to 65.70): BM013716.D (-1102) (-)

Ion 109.00 (108.70 to 109.70): BM013716.D (-1102) (-)

Time-->





#24

2,4-Dimethylphenol

Concen: 21.522 ng/ul

RT: 9.54 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampled :

SSTD02006

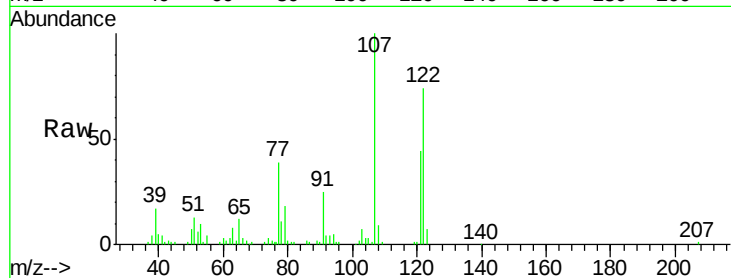
Tot Ion:107 Resp: 153627

Ion Ratio Lower Upper

107 100

121 43.6 31.9 47.9

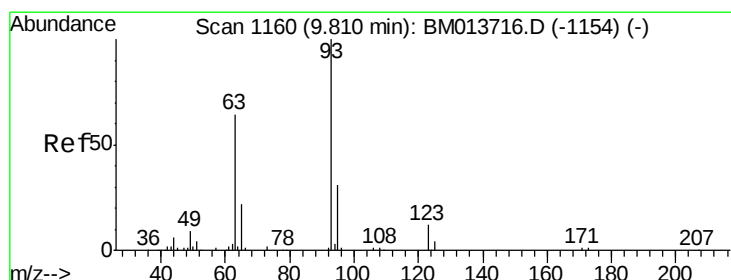
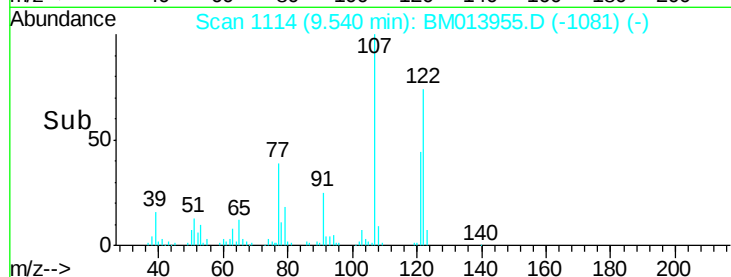
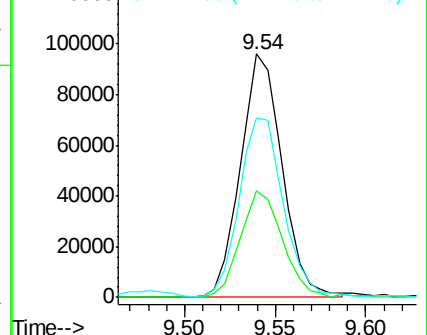
122 73.6 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.652 ng/ul

RT: 9.78 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

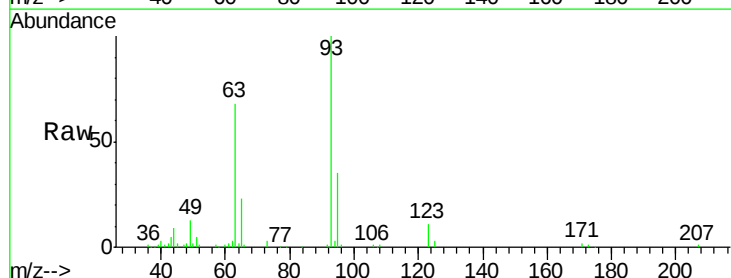
Tgt Ion: 93 Resp: 153744

Ion Ratio Lower Upper

93 100

95 35.1 28.5 42.7

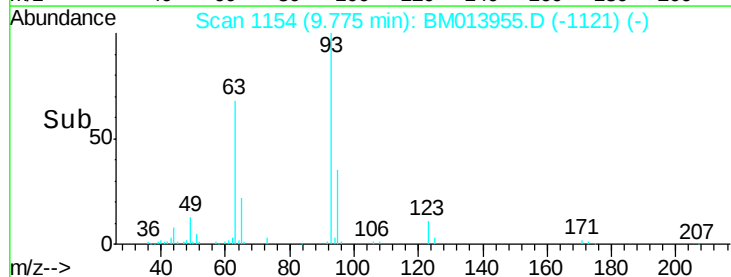
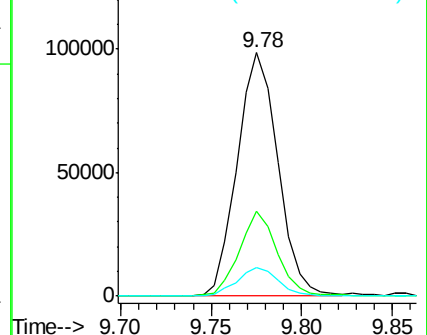
123 11.5 8.9 13.3

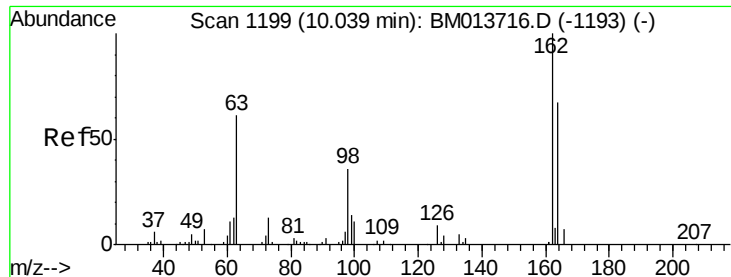


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.268 ng/ul

RT: 10.00 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

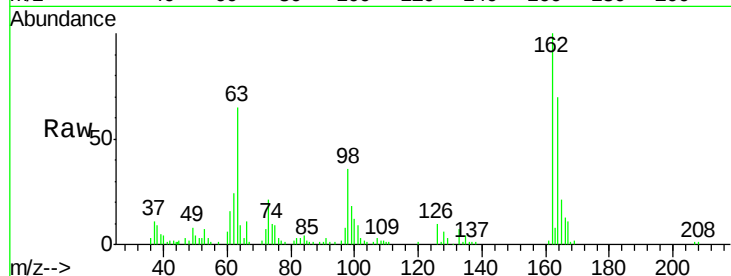
Tot Ion:162 Resp: 128632

Ion Ratio Lower Upper

162 100

164 70.0 47.8 71.6

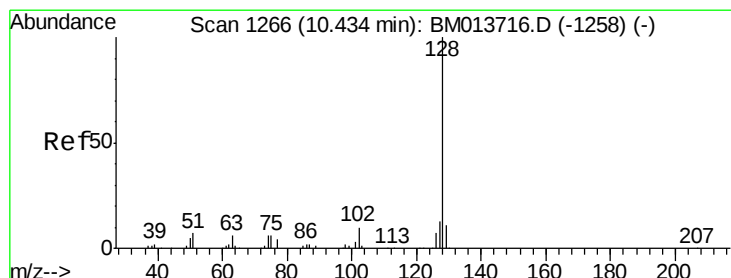
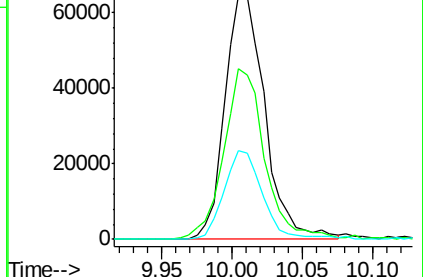
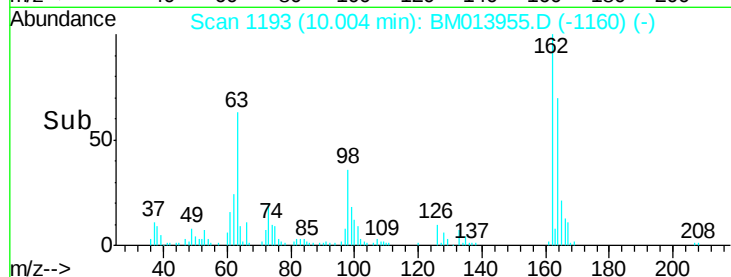
98 36.4 23.0 34.4#



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: 20.148 ng/ul

RT: 10.39 min Scan# 1259

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

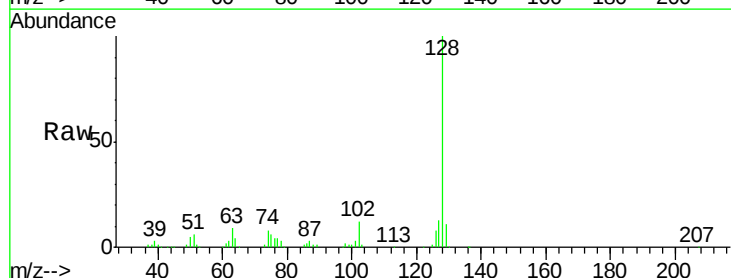
Tgt Ion:128 Resp: 397166

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

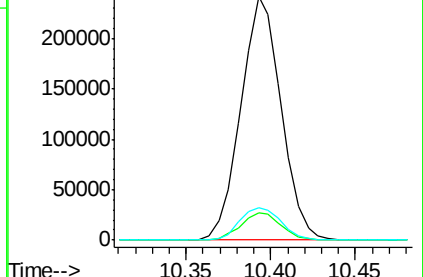
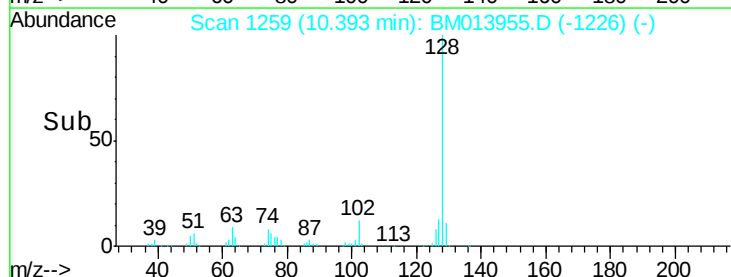
127 13.3 10.6 16.0

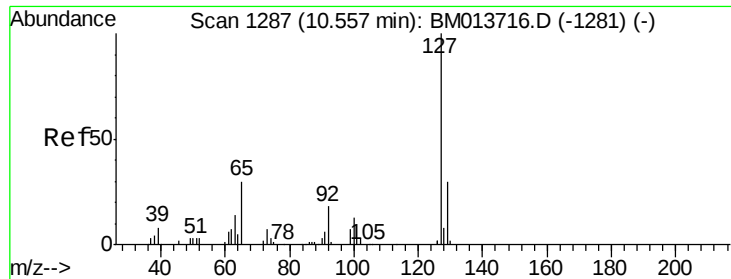


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

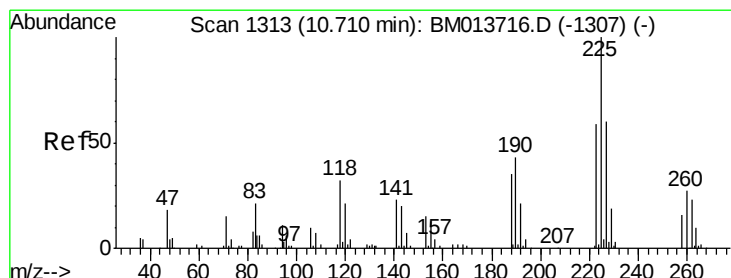
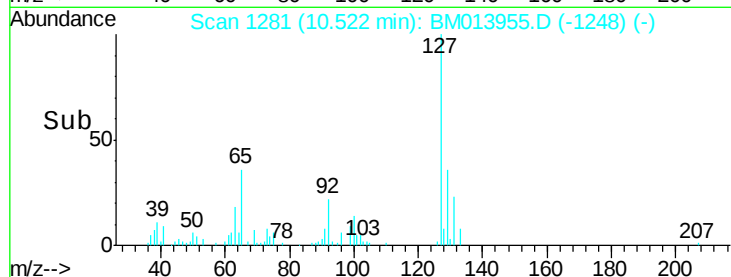
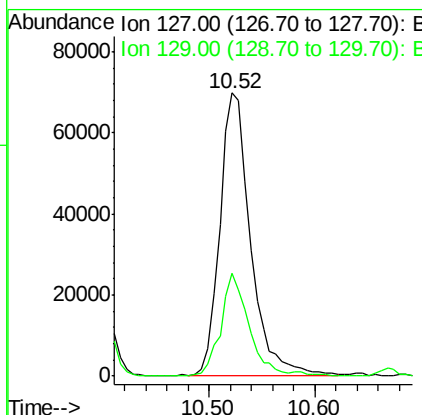
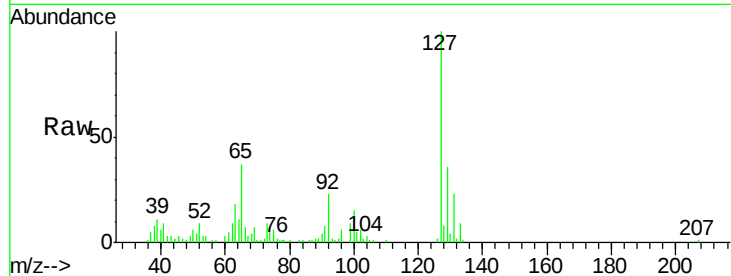




#30
4-Chloroaniline
Concen: 26.255 ng/ul
RT: 10.52 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

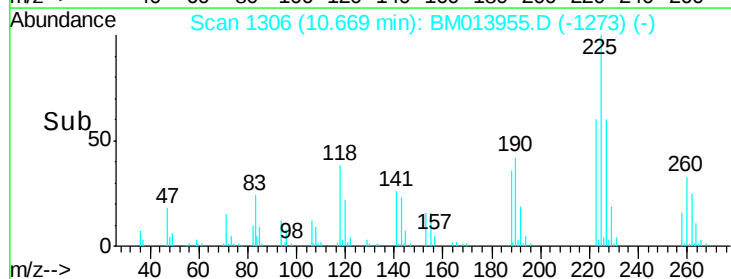
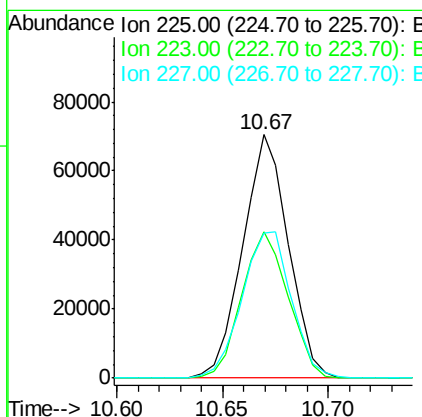
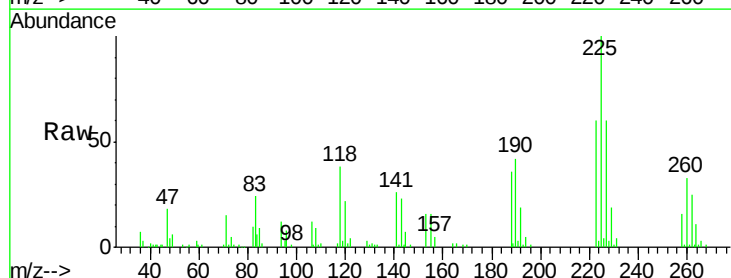
Instrument :
BNA_M
ClientSampleId :
SSTD02006

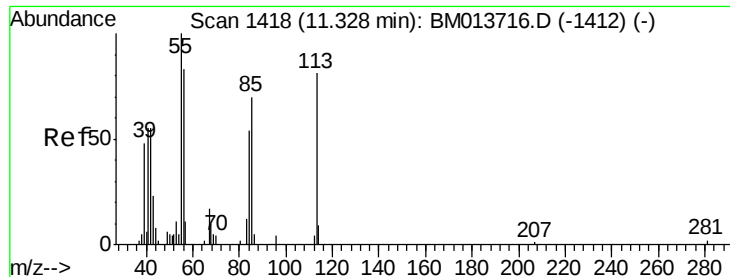
Tot Ion:127 Resp: 141759
Ion Ratio Lower Upper
127 100
129 36.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 21.330 ng/ul
RT: 10.67 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:225 Resp: 105899
Ion Ratio Lower Upper
225 100
223 60.3 49.4 74.2
227 59.7 45.4 68.2





#32

Caprolactam

Concen: 6.962 ng/ul

RT: 11.30 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

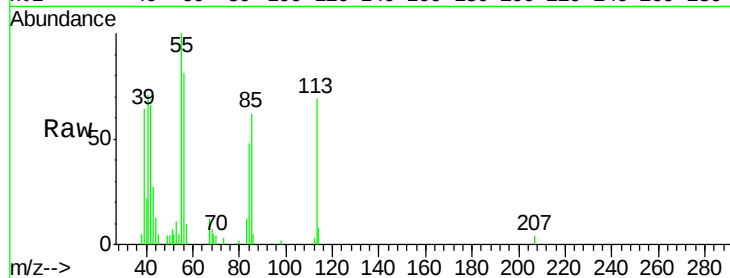
Tot Ion:113 Resp: 11714

Ion Ratio Lower Upper

113 100

55 145.9 208.0 312.0#

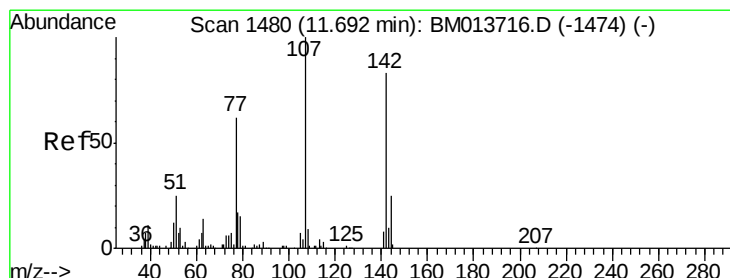
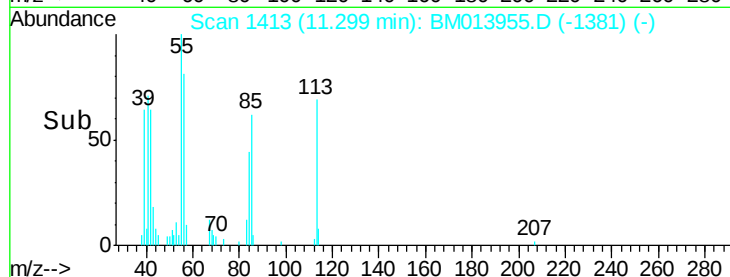
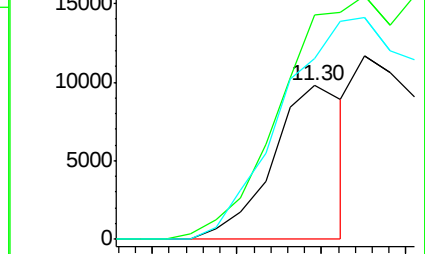
56 118.0 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 21.747 ng/ul

RT: 11.66 min Scan# 1475

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

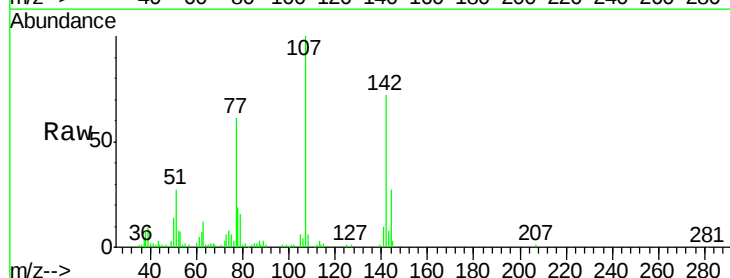
Tgt Ion:107 Resp: 133340

Ion Ratio Lower Upper

107 100

144 27.2 20.4 30.6

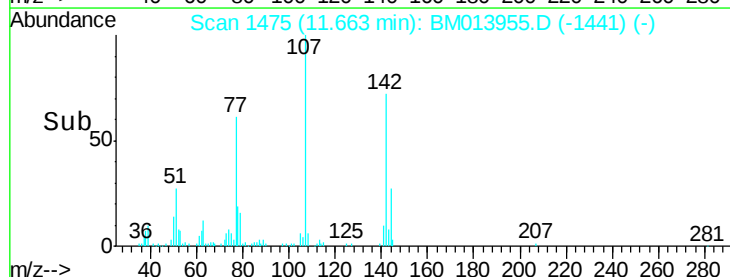
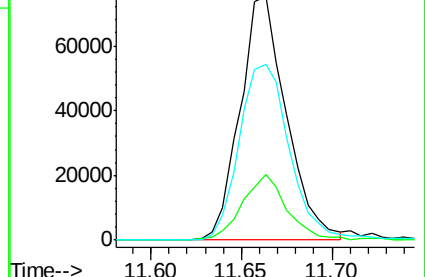
142 72.0 60.5 90.7

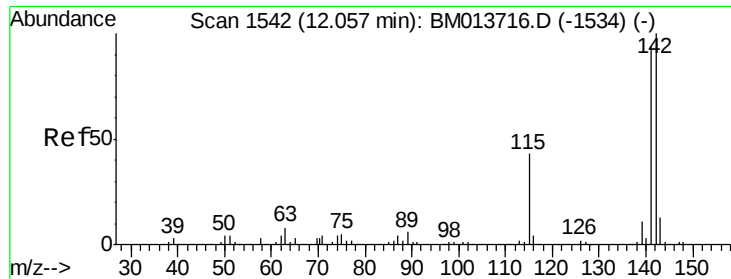


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

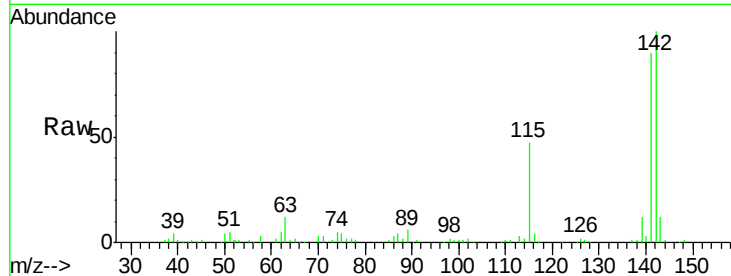




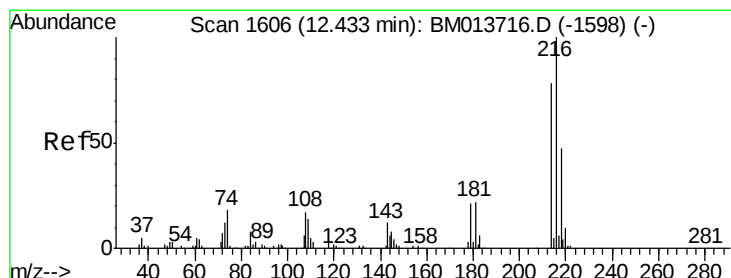
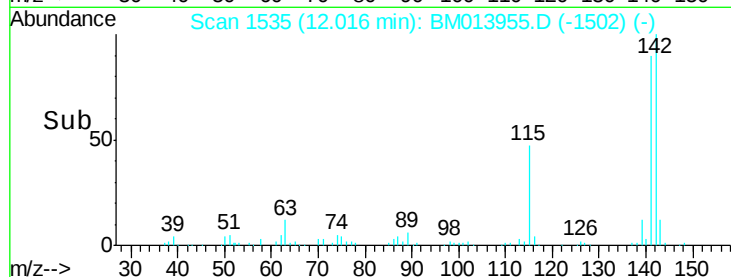
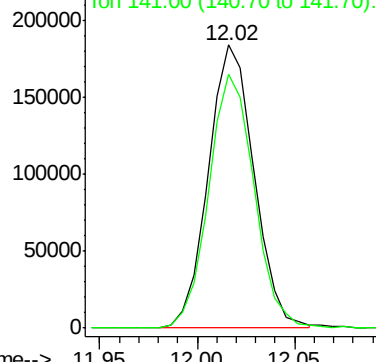
#34
 2-Methylnaphthalene
 Concen: 20.349 ng/ul
 RT: 12.02 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02006

Tot Ion:142 Resp: 299060
 Ion Ratio Lower Upper
 142 100
 141 89.9 74.1 111.1

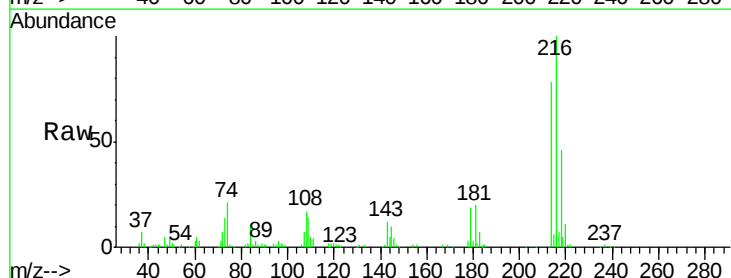


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E

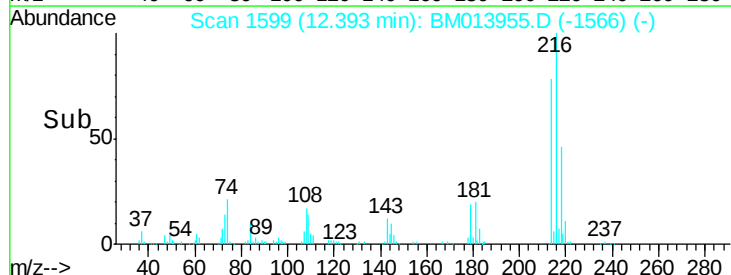
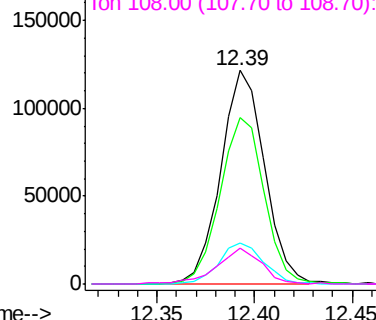


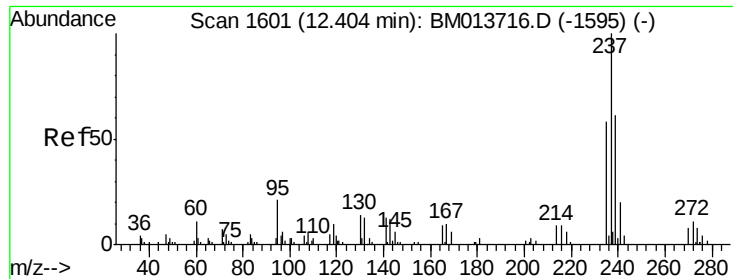
#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.194 ng/ul
 RT: 12.39 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion:216 Resp: 188791
 Ion Ratio Lower Upper
 216 100
 214 78.0 60.6 90.8
 179 19.3 17.5 26.3
 108 16.8 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E





#37

Hexachlorocyclopentadiene

Concen: 13.764 ng/ul

RT: 12.36 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

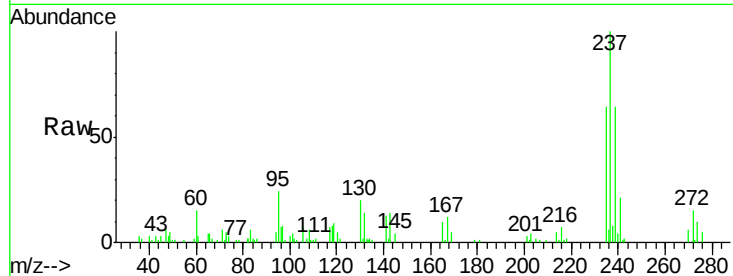
Tot Ion:237 Resp: 50901

Ion Ratio Lower Upper

237 100

235 63.8 50.2 75.4

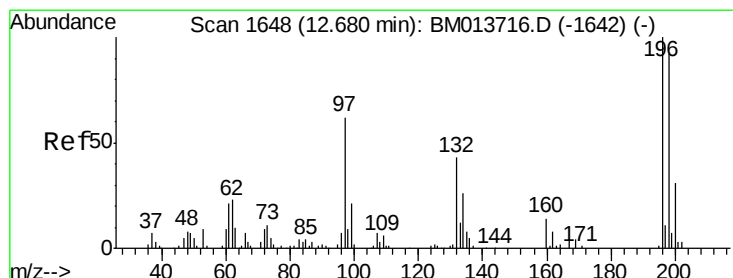
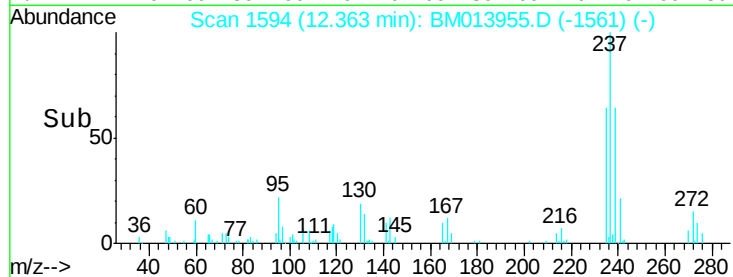
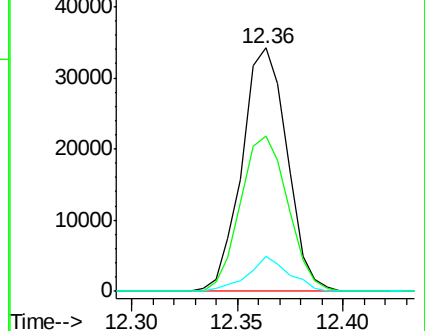
272 14.5 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 22.781 ng/ul

RT: 12.65 min Scan# 1643

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

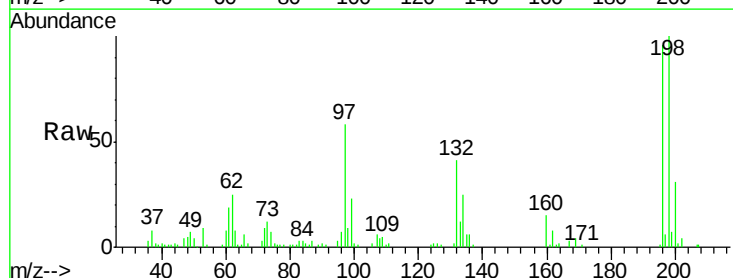
Tgt Ion:196 Resp: 117465

Ion Ratio Lower Upper

196 100

198 104.0 74.1 111.1

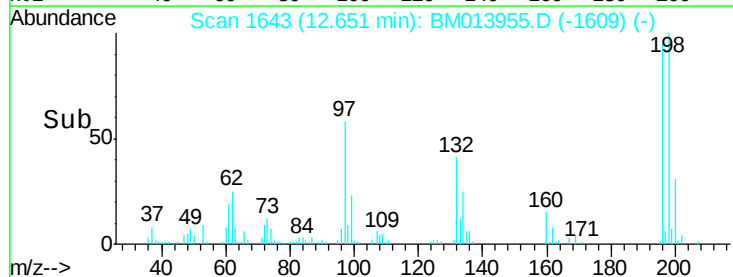
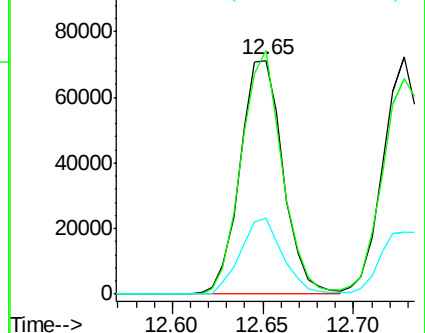
200 32.5 25.2 37.8

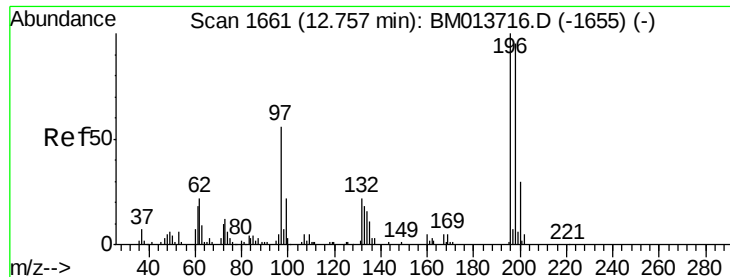


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

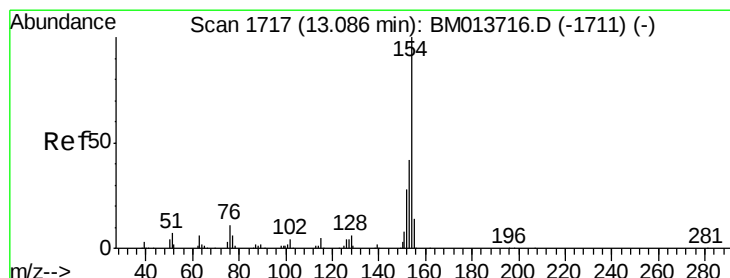
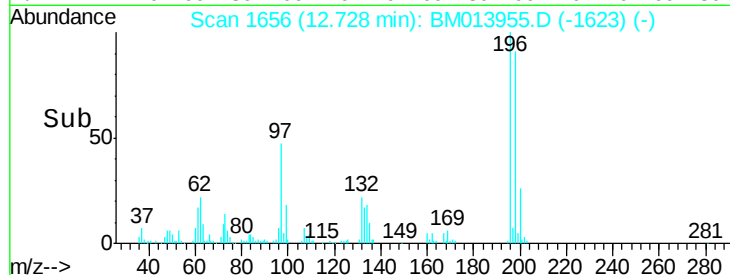
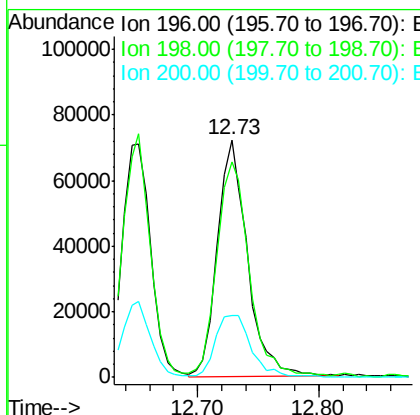
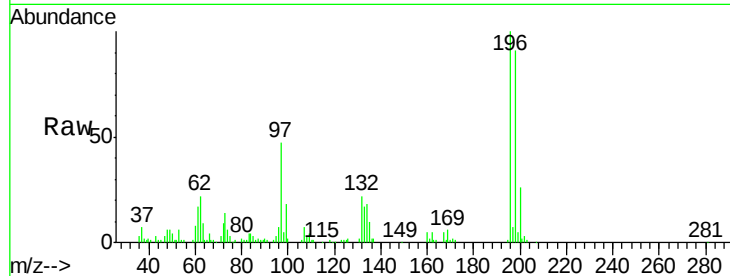




#39
 2,4,5-Trichlorophenol
 Concen: 23.030 ng/ul
 RT: 12.73 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

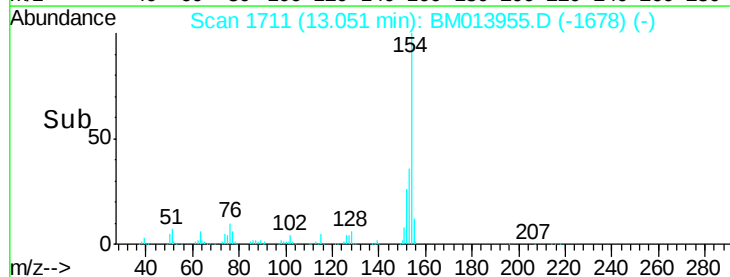
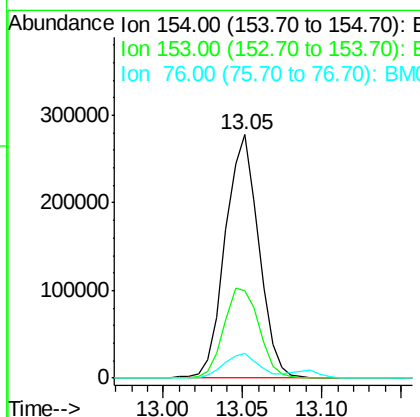
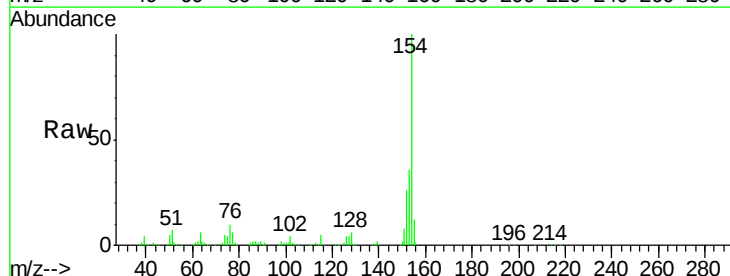
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02006

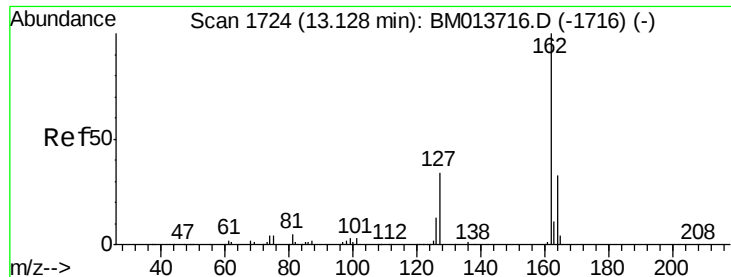
Tot Ion	196	Resp	123563
Ion Ratio	Lower	Upper	
196	100		
198	90.6	75.6	113.4
200	25.8	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 20.163 ng/ul
 RT: 13.05 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion	154	Resp	403482
Ion Ratio	Lower	Upper	
154	100		
153	36.2	32.6	48.8
76	10.3	8.5	12.7

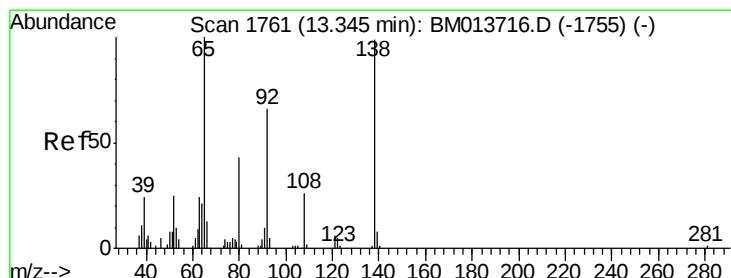
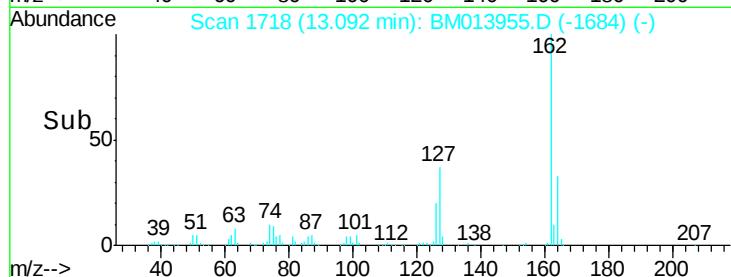
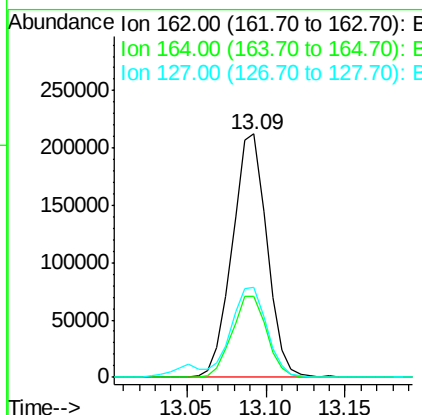
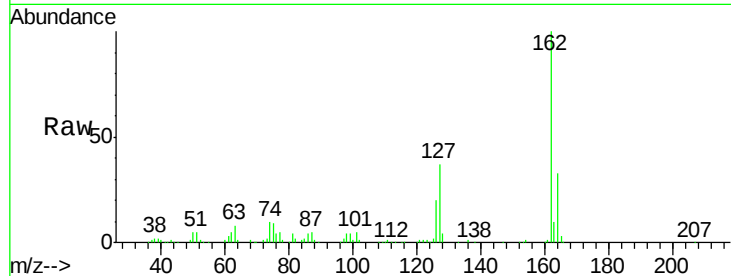




#41
 2-Chloronaphthalene
 Concen: 20.666 ng/ul
 RT: 13.09 min Scan# 1718
 Delta R.T. 0.00 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

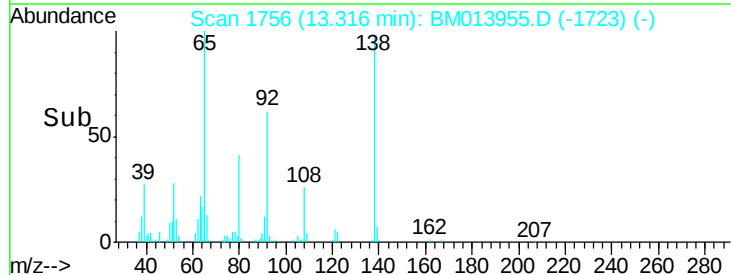
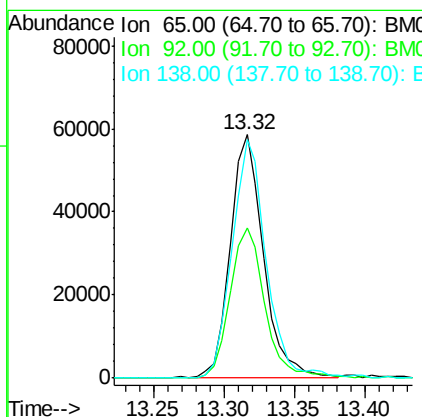
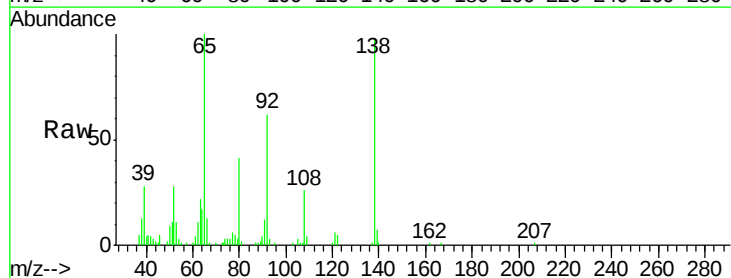
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02006

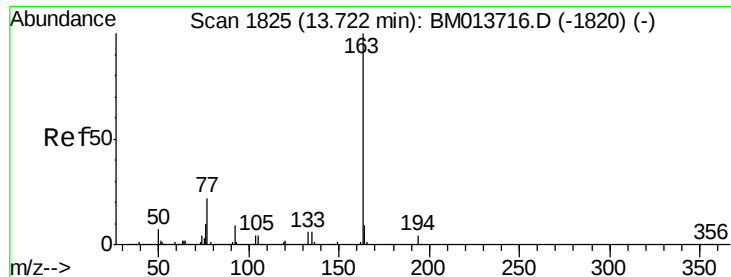
Tot Ion:162 Resp: 323273
 Ion Ratio Lower Upper
 162 100
 164 33.1 25.9 38.9
 127 37.1 29.4 44.2



#42
 2-Nitroaniline
 Concen: 22.351 ng/ul
 RT: 13.32 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion: 65 Resp: 96448
 Ion Ratio Lower Upper
 65 100
 92 61.9 51.8 77.6
 138 97.7 74.2 111.4

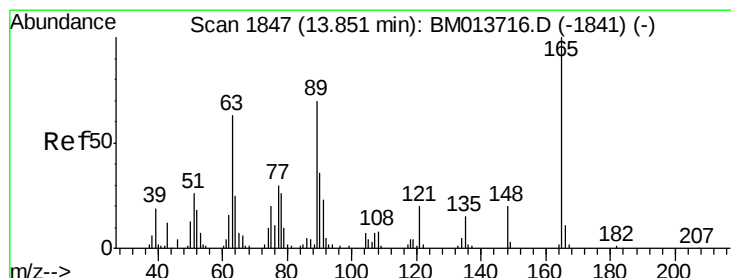
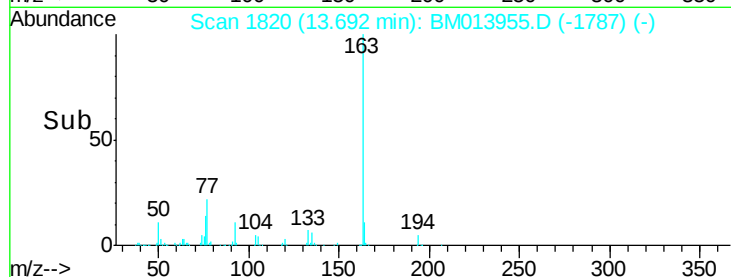
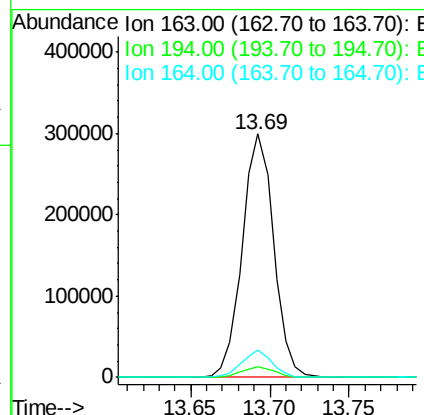
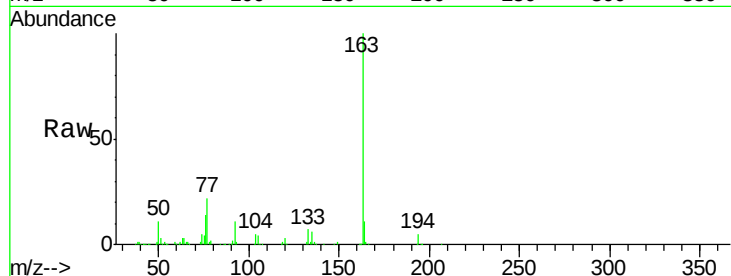




#44
Dimethylphthalate
Concen: 21.189 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

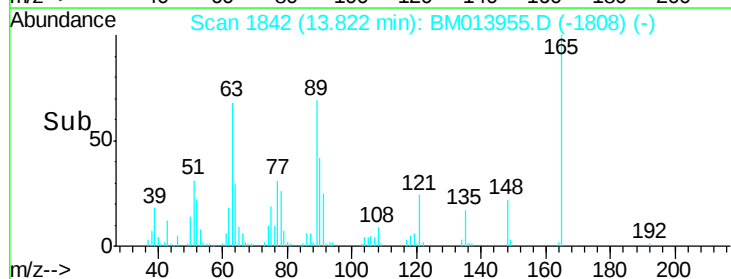
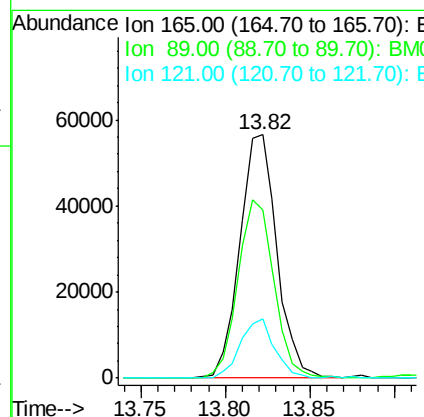
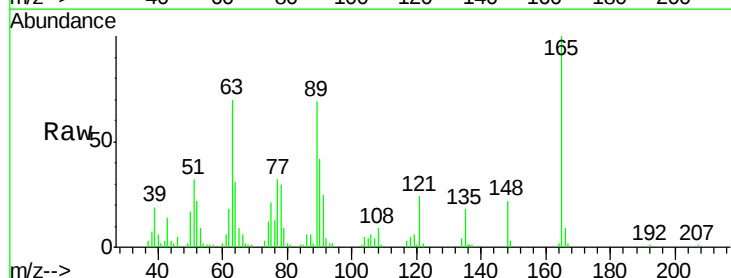
Instrument :
BNA_M
ClientSampleId :
SSTD02006

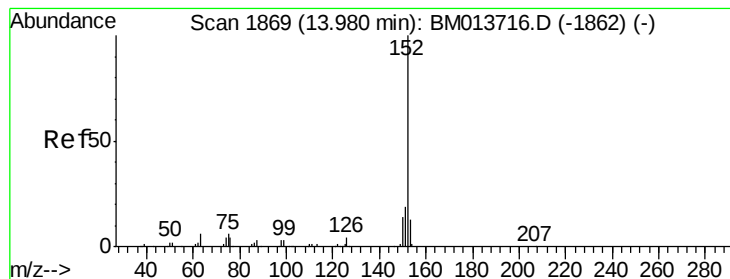
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.5	5.3
164	11.4	8.2	12.4



#45
2,6-Dinitrotoluene
Concen: 22.944 ng/ul
RT: 13.82 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion	Ratio	Lower	Upper
165	100		
89	69.0	52.6	79.0
121	24.2	14.6	22.0





#47

Acenaphthylene

Concen: 20.328 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

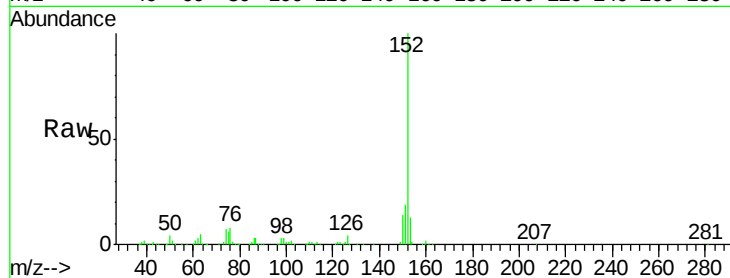
Tot Ion:152 Resp: 469938

Ion Ratio Lower Upper

152 100

151 19.2 16.3 24.5

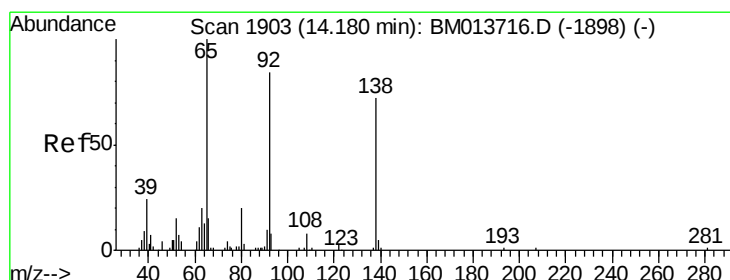
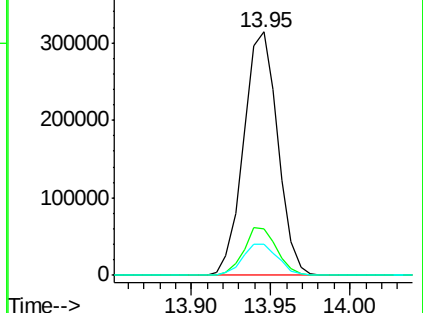
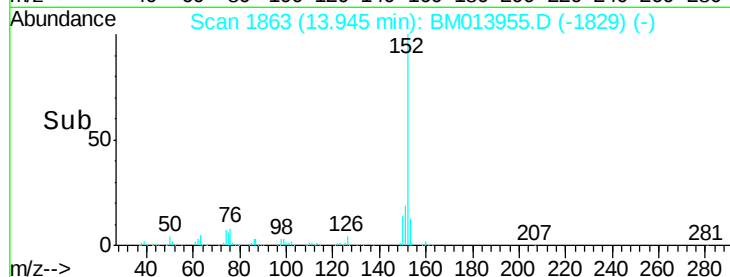
153 12.6 10.2 15.4



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: 24.612 ng/ul

RT: 14.16 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

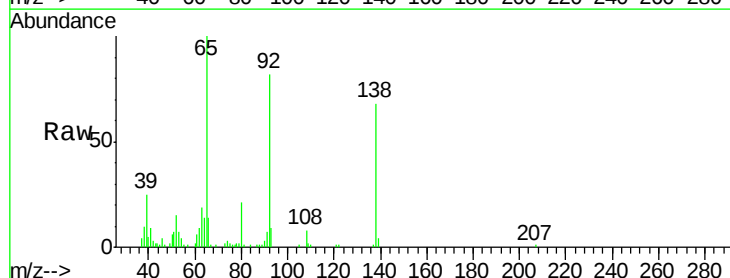
Tgt Ion:138 Resp: 73072

Ion Ratio Lower Upper

138 100

108 12.1 9.9 14.9

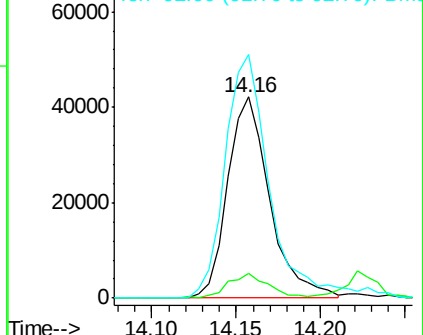
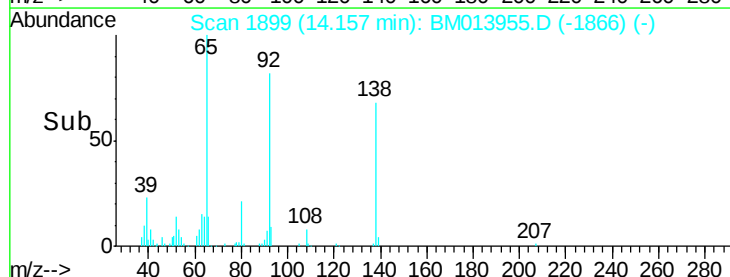
92 121.0 105.0 157.4

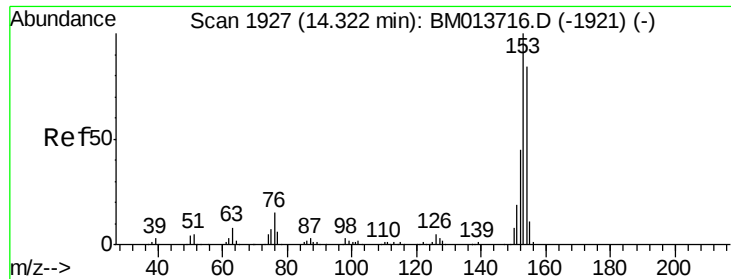


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.437 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

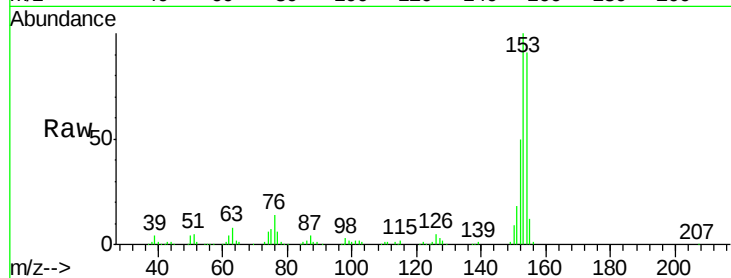
Tot Ion:153 Resp: 327204

Ion Ratio Lower Upper

153 100

152 50.2 37.6 56.4

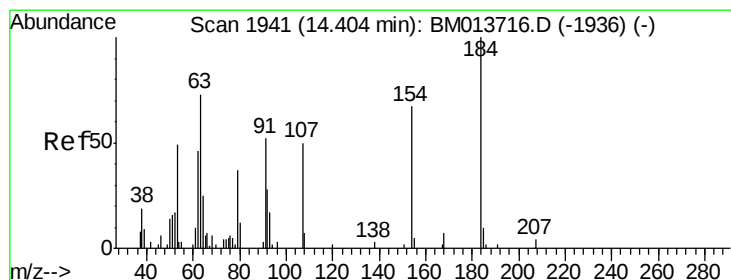
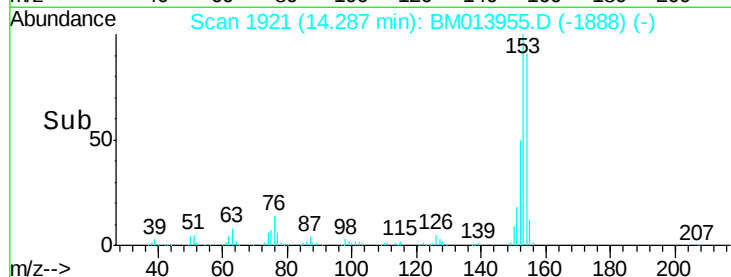
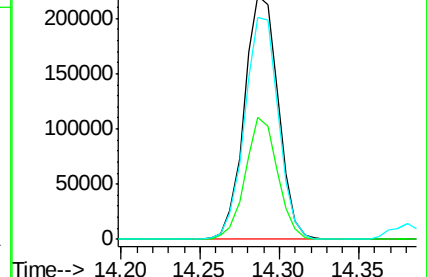
154 91.4 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 12.848 ng/ul

RT: 14.38 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

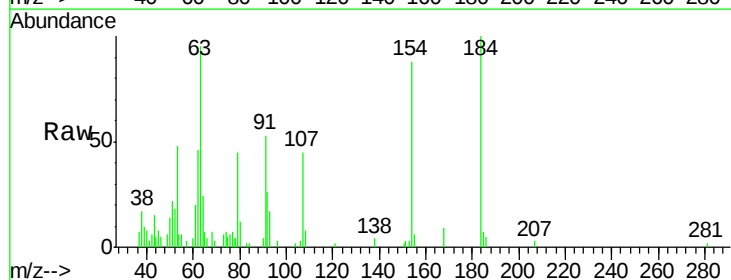
Tgt Ion:184 Resp: 27805

Ion Ratio Lower Upper

184 100

63 94.9 50.1 75.1#

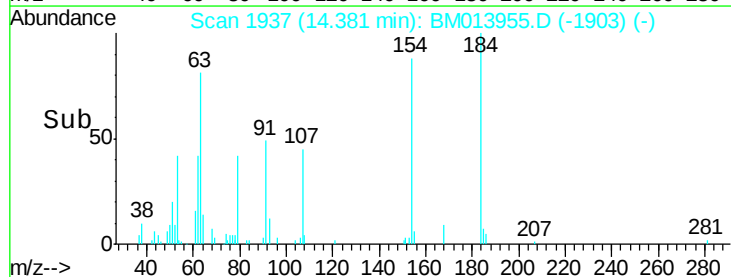
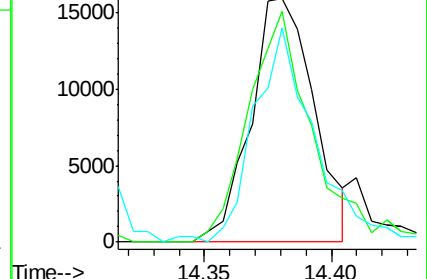
154 88.0 54.5 81.7#

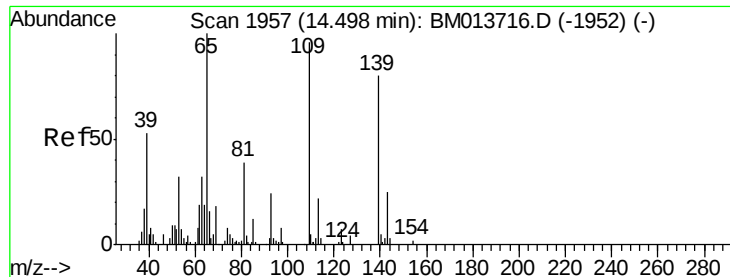


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.390 ng/ul

RT: 14.48 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

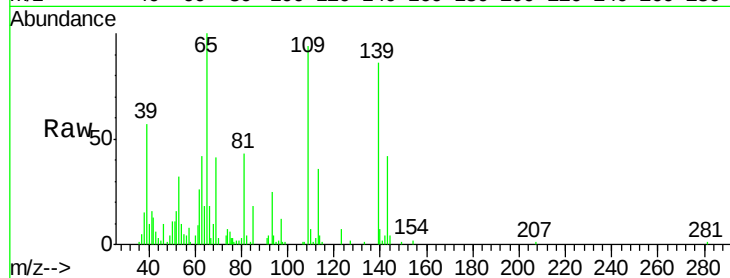
Tot Ion:109 Resp: 69966

Ion Ratio Lower Upper

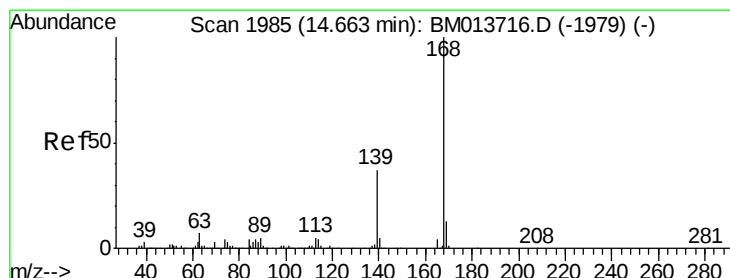
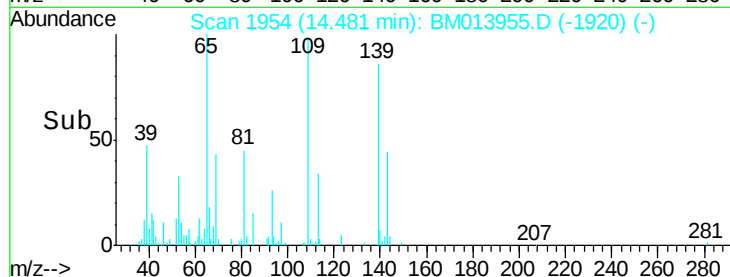
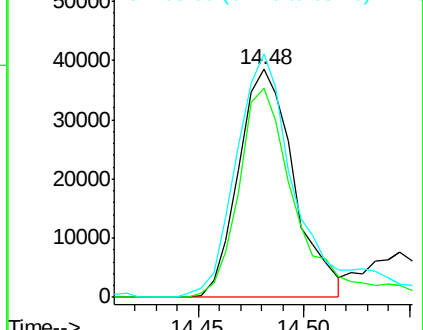
109 100

139 91.8 80.0 120.0

65 106.9 120.0 180.0#



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: 20.035 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BM013955.D

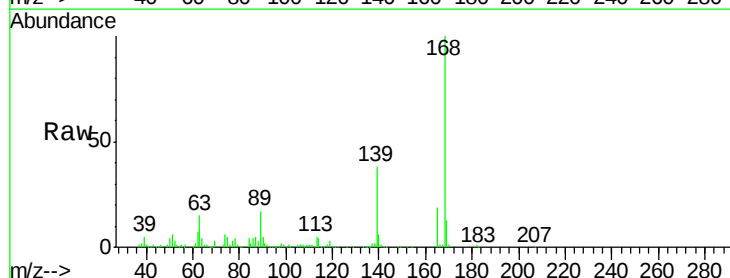
Acq: 29 Jan 2018 12:56

Tgt Ion:168 Resp: 482576

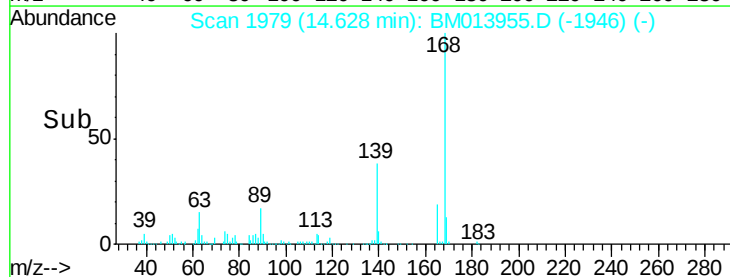
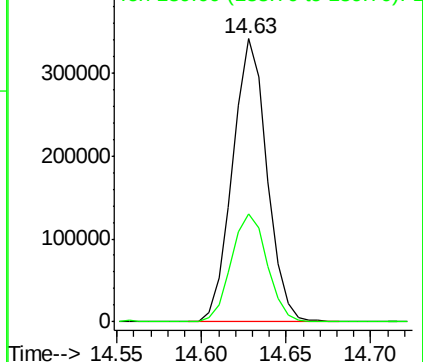
Ion Ratio Lower Upper

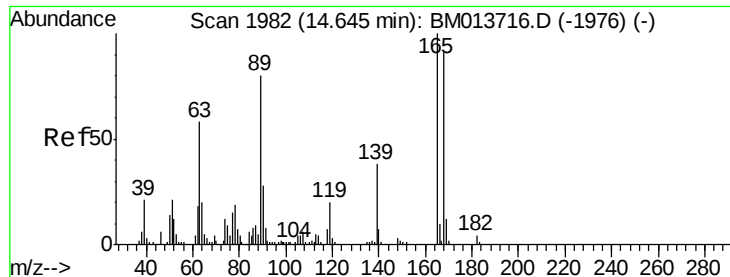
168 100

139 38.3 30.8 46.2



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





#54

2,4-Dinitrotoluene

Concen: 22.456 ng/ul

RT: 14.62 min Scan# 1978

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampled :

SSTD02006

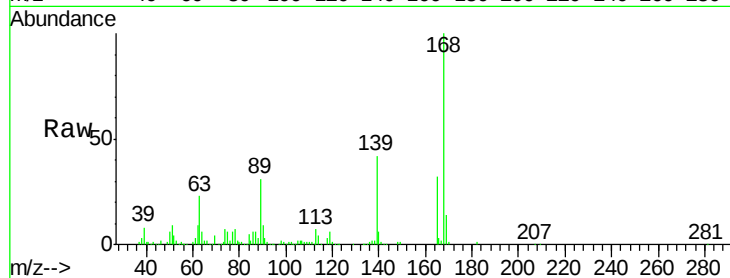
Tot Ion:165 Resp: 123581

Ion Ratio Lower Upper

165 100

63 72.2 45.8 68.8#

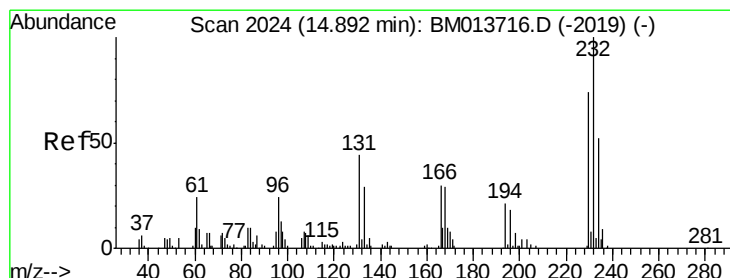
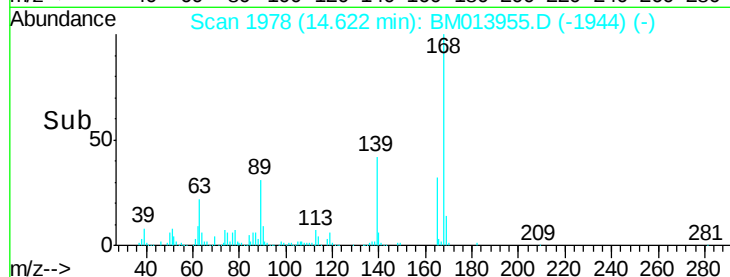
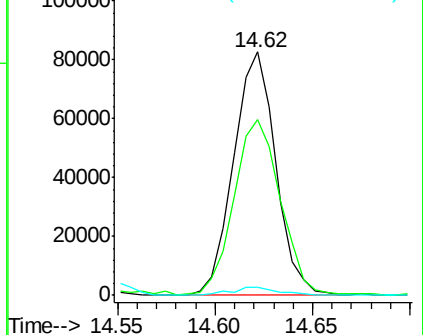
182 3.5 2.6 4.0



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: 22.664 ng/ul

RT: 14.86 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Tgt Ion:232 Resp: 114374

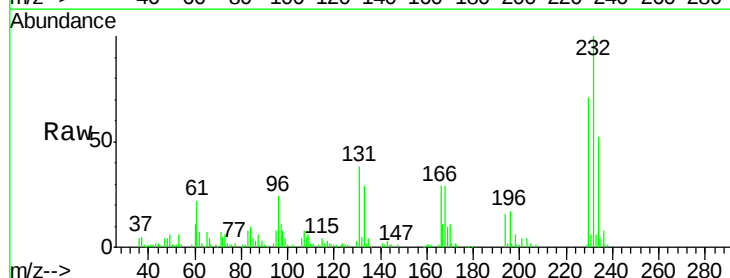
Ion Ratio Lower Upper

232 100

131 38.4 29.0 43.4

130 2.7 2.0 3.0

166 29.0 21.4 32.2

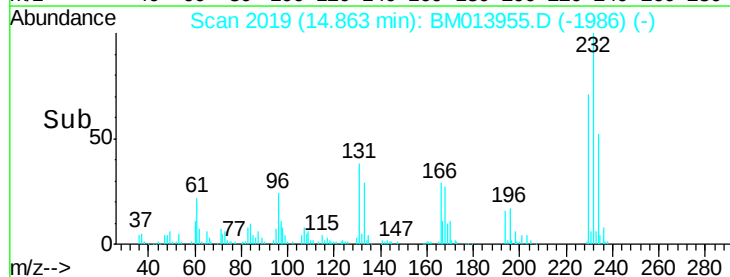
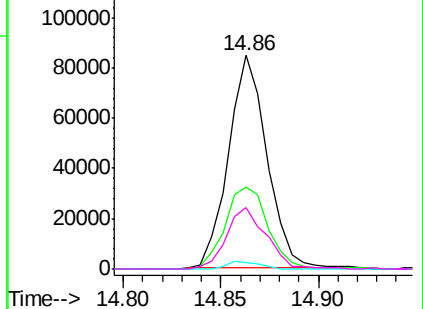


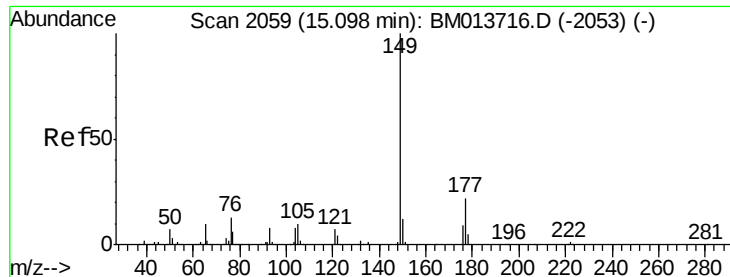
Abundance Ion 232.00 (231.70 to 232.70): E

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

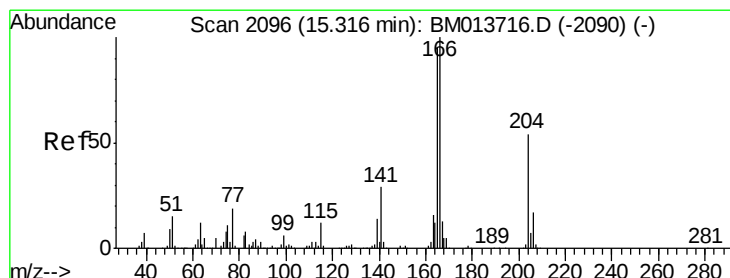
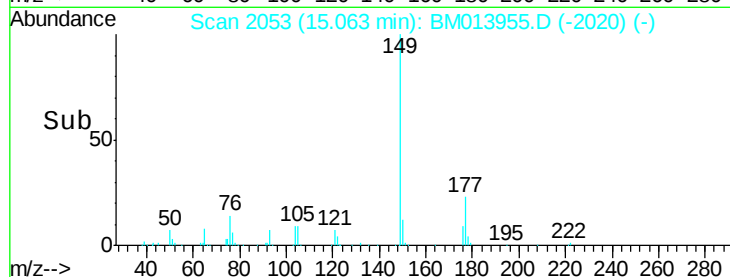
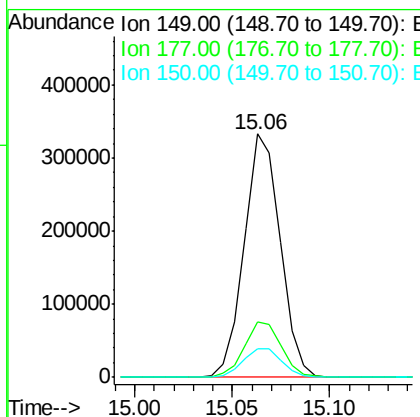
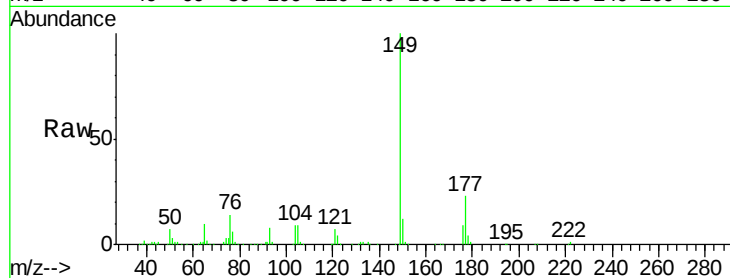




#56
Diethylphthalate
Concen: 21.779 ng/ul
RT: 15.06 min Scan# 2053
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

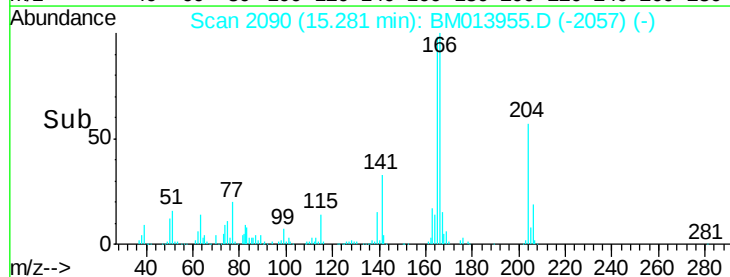
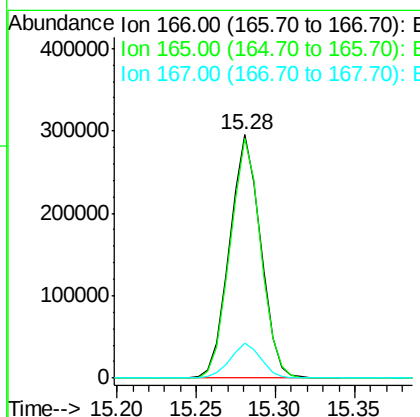
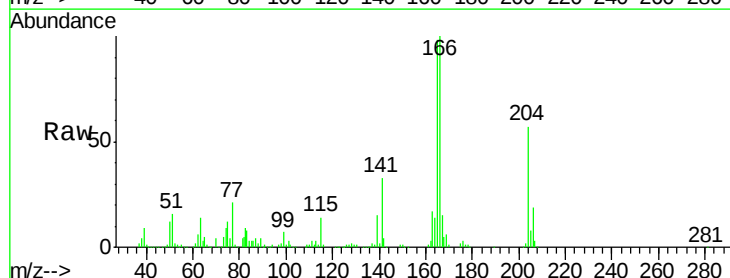
Instrument :
BNA_M
ClientSampleId :
SSTD02006

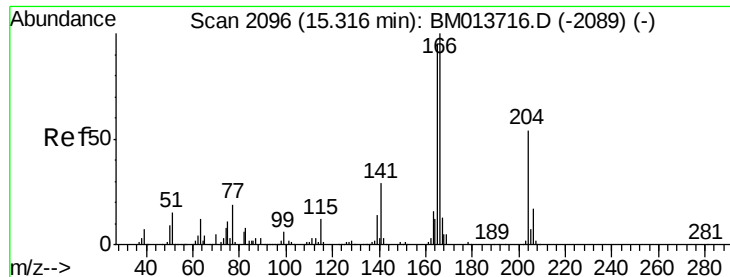
Tot Ion:149 Resp: 426977
Ion Ratio Lower Upper
149 100
177 22.8 20.5 30.7
150 11.9 10.6 15.8



#58
Fluorene
Concen: 20.325 ng/ul
RT: 15.28 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:166 Resp: 401010
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 14.6 10.6 16.0

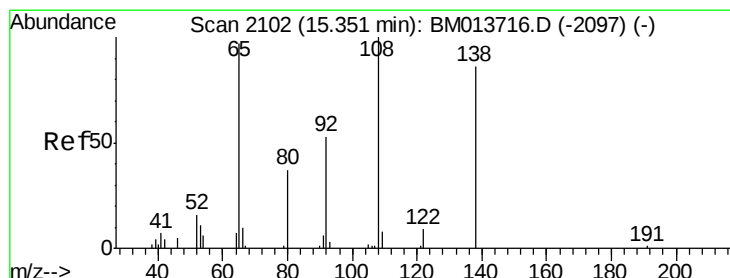
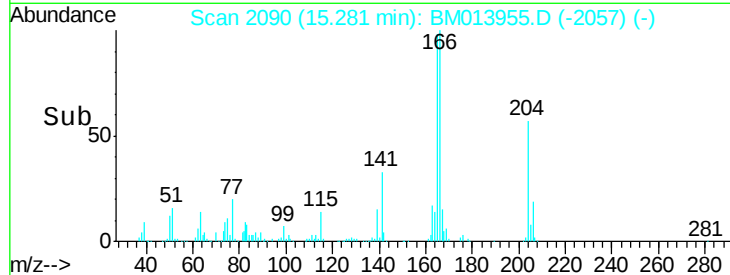
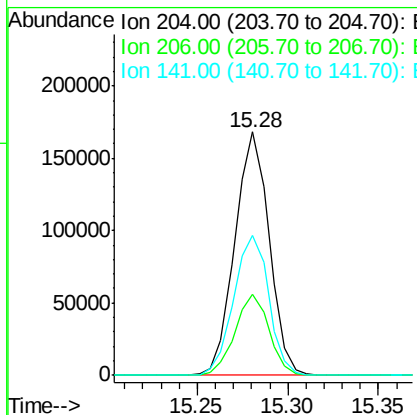
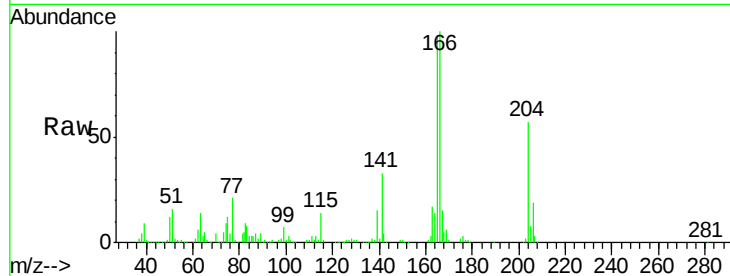




#59
 4-Chlorophenyl-phenylether
 Concen: 20.831 ng/ul
 RT: 15.28 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

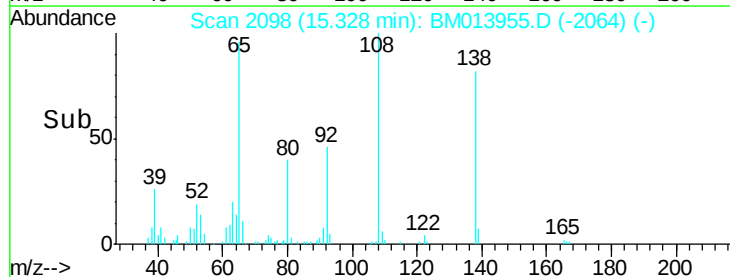
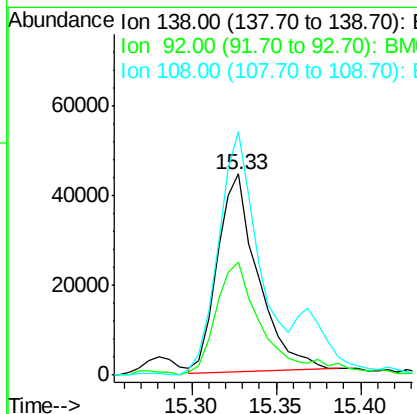
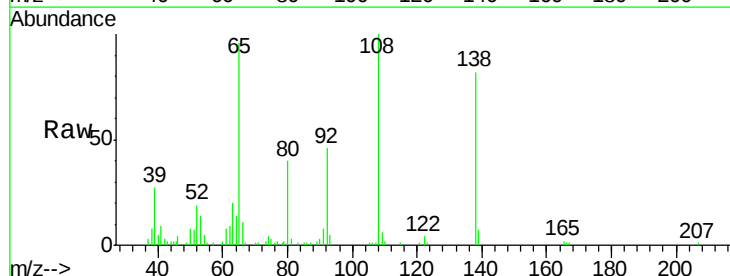
Instrument :
 BNA_M
 ClientSampleID :
 SST02006

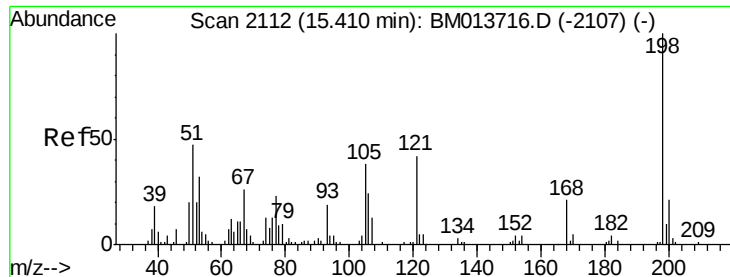
Tot Ion:	204	Resp:	222085
Ion	Ratio	Lower	Upper
204	100		
206	33.5	24.8	37.2
141	57.6	44.3	66.5



#60
 4-Nitroaniline
 Concen: 21.172 ng/ul
 RT: 15.33 min Scan# 2098
 Delta R.T. 0.00 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion:	138	Resp:	73547
Ion	Ratio	Lower	Upper
138	100		
92	56.4	40.0	60.0
108	121.2	80.0	120.0#

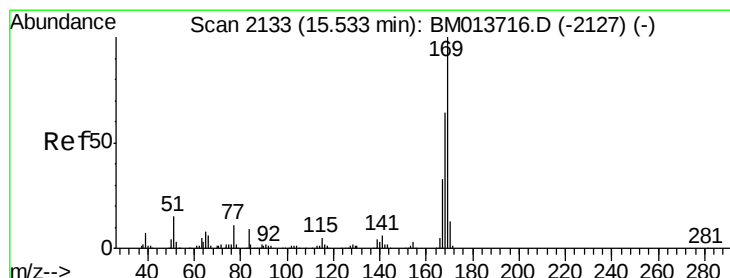
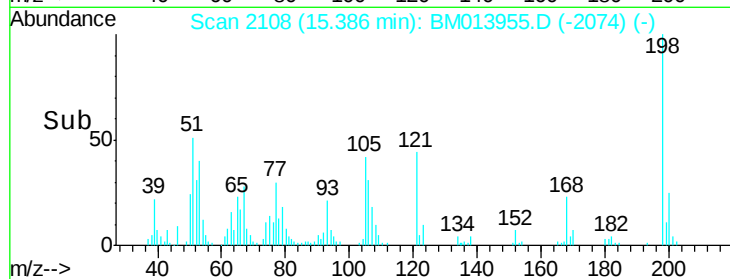
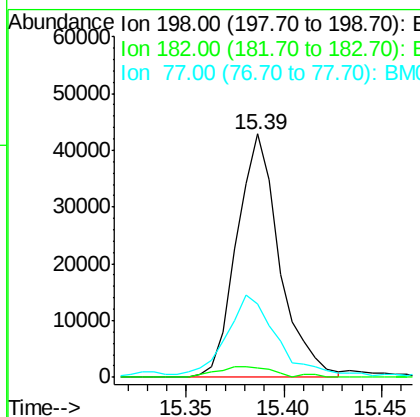
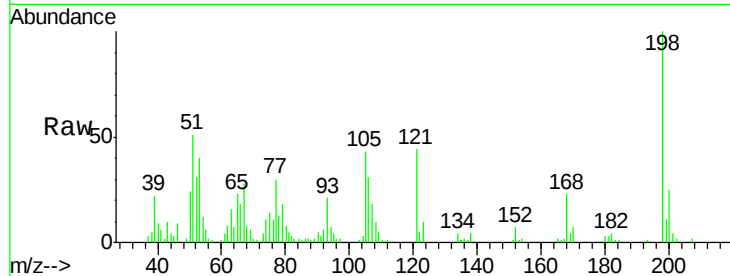




#63
 4,6-Dinitro-2-methylphenol
 Concen: 17.785 ng/ul
 RT: 15.39 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

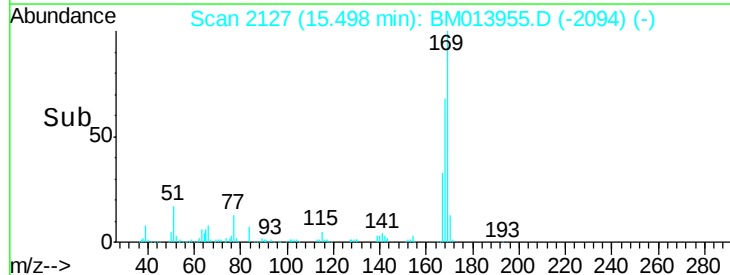
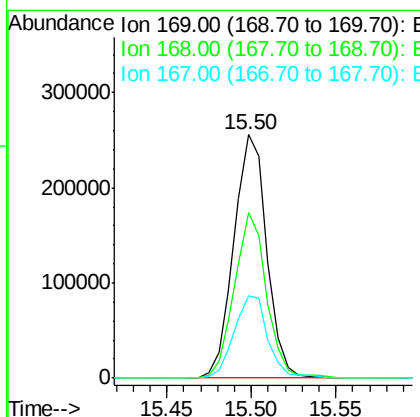
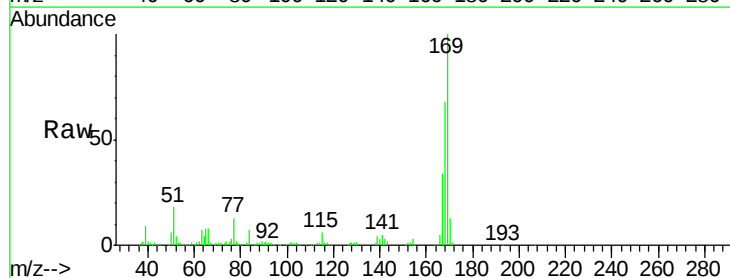
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02006

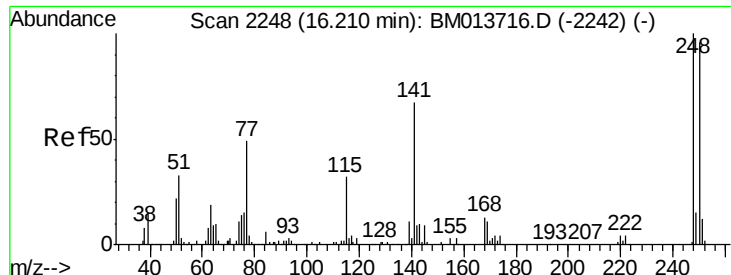
Tot Ion	198	Resp	65225
Ion Ratio	100	Lower	Upper
182	4.0	3.8	5.6
77	30.1	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.423 ng/ul
 RT: 15.50 min Scan# 2127
 Delta R.T. -0.01 min
 Lab File: BM013955.D
 Acq: 29 Jan 2018 12:56

Tgt Ion	169	Resp	346721
Ion Ratio	100	Lower	Upper
168	68.1	54.0	81.0
167	34.1	29.1	43.7

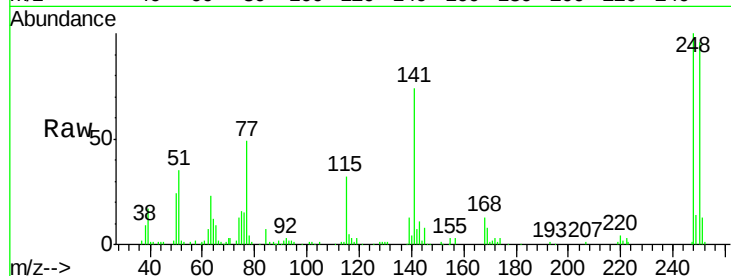




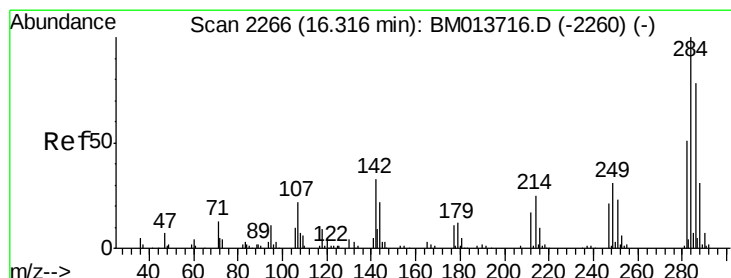
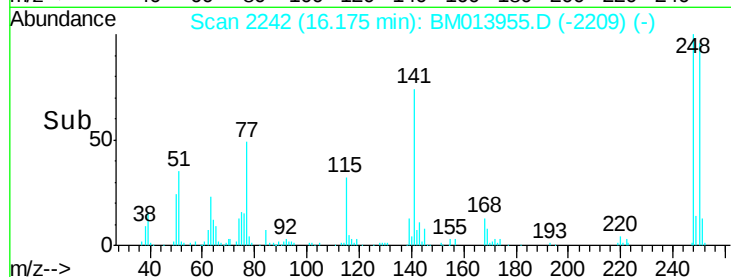
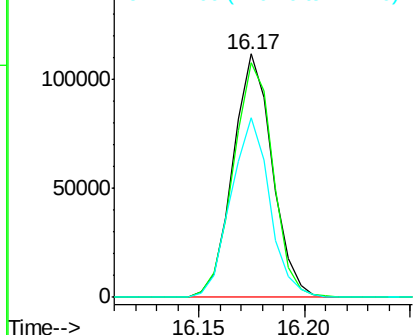
#65
4-Bromophenyl-phenylether
Concen: 21.156 ng/ul
RT: 16.17 min Scan# 2242
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Instrument :
BNA_M
ClientSampleID :
SSTD02006

Tot Ion:248 Resp: 144234
Ion Ratio Lower Upper
248 100
250 96.3 80.5 120.7
141 73.7 53.6 80.4

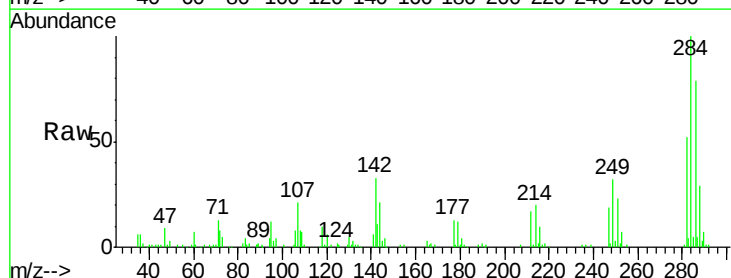


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

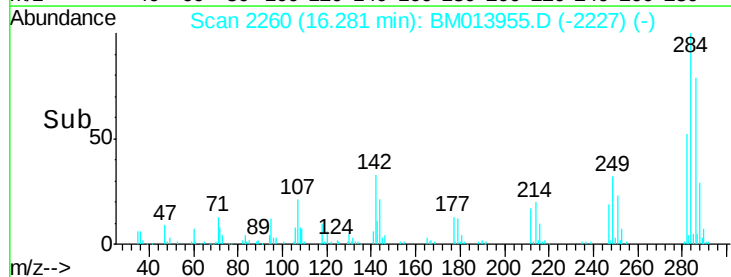
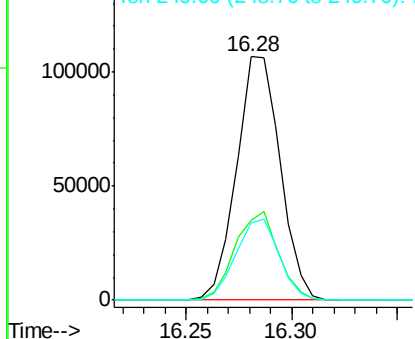


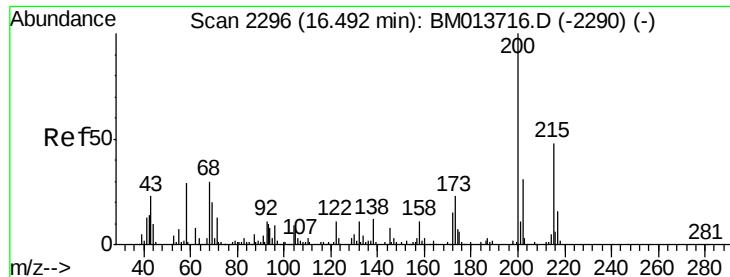
#66
Hexachlorobenzene
Concen: 20.839 ng/ul
RT: 16.28 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:284 Resp: 152928
Ion Ratio Lower Upper
284 100
142 32.9 21.2 31.8#
249 31.9 24.5 36.7



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

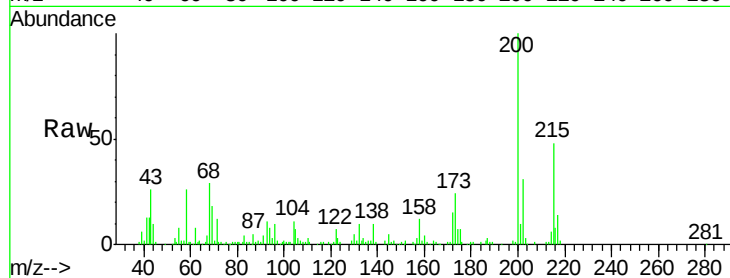




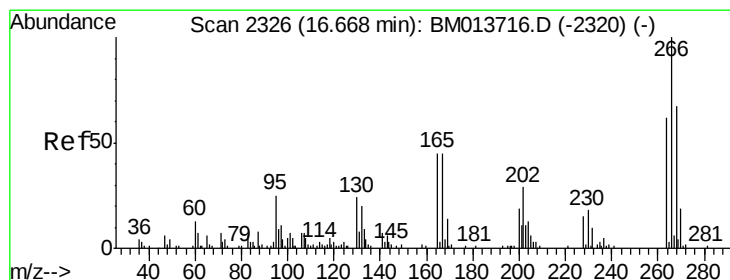
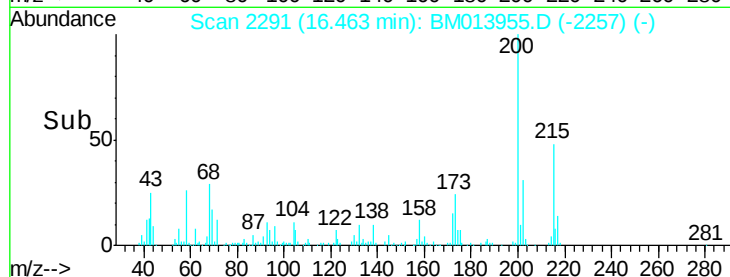
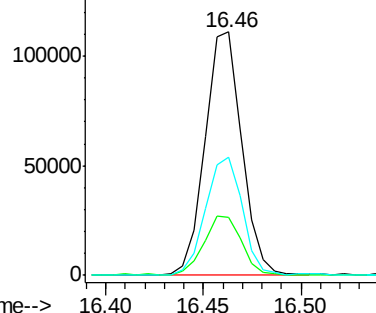
#67
Atrazine
Concen: 21.446 ng/ul
RT: 16.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Tot Ion:200 Resp: 145310
Ion Ratio Lower Upper
200 100
173 23.6 18.2 27.2
215 48.4 35.0 52.4

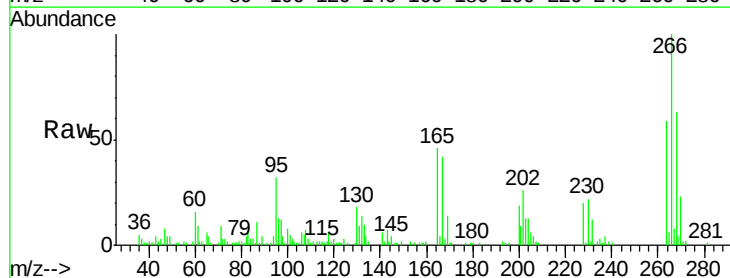


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

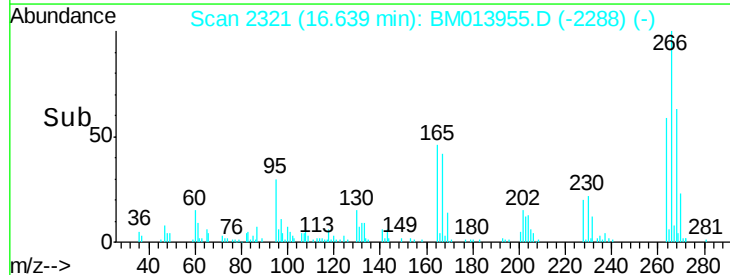
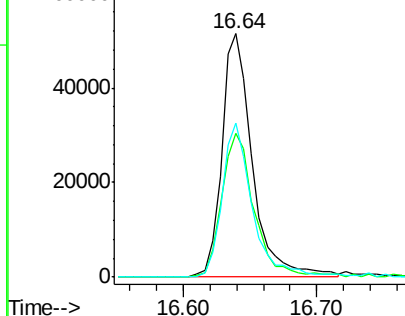


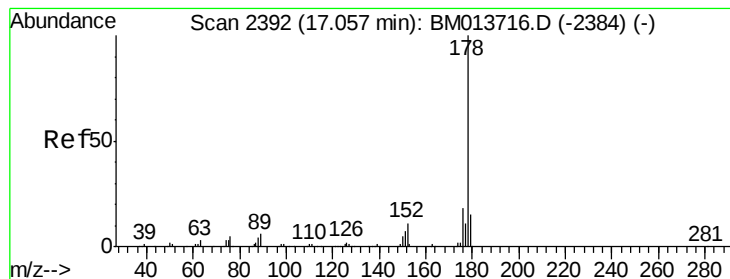
#68
Pentachlorophenol
Concen: 21.211 ng/ul
RT: 16.64 min Scan# 2321
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:266 Resp: 82713
Ion Ratio Lower Upper
266 100
264 59.1 49.3 73.9
268 63.3 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: 20.180 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

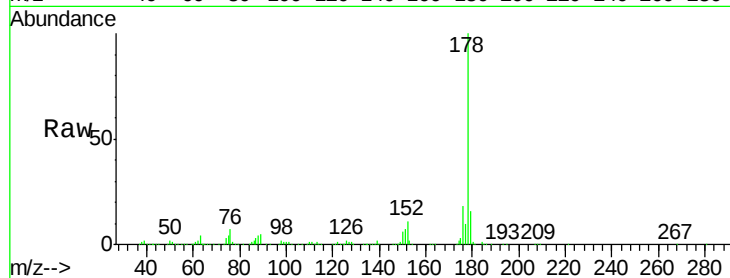
Tot Ion:178 Resp: 647494

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

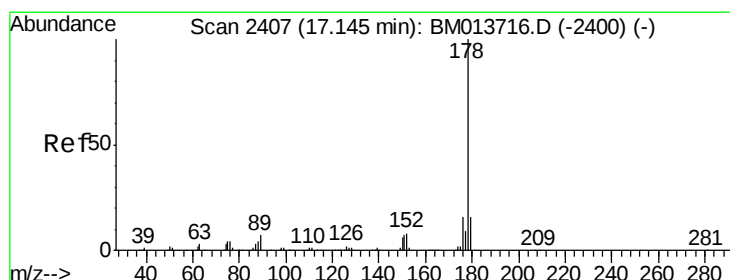
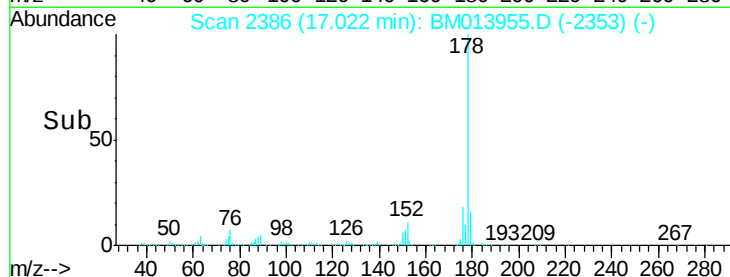
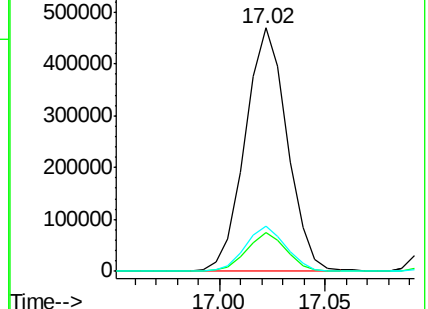
176 18.4 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.981 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

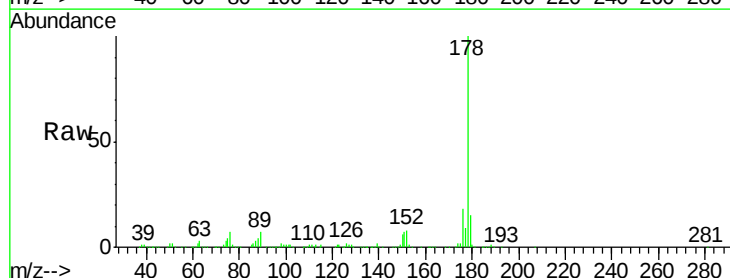
Tgt Ion:178 Resp: 661251

Ion Ratio Lower Upper

178 100

179 14.9 11.7 17.5

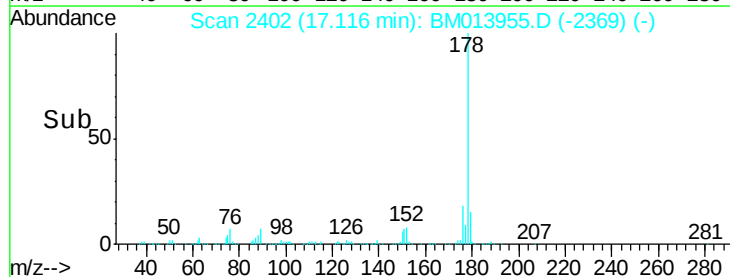
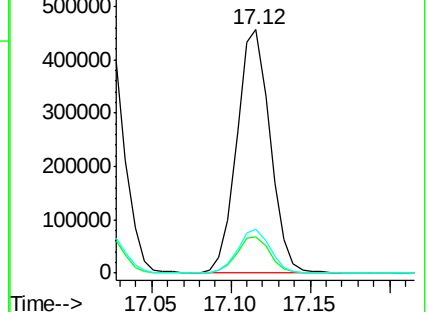
176 18.1 14.6 21.8

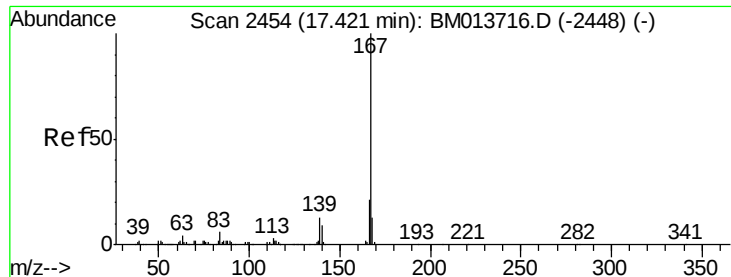


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.275 ng/ul

RT: 17.39 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

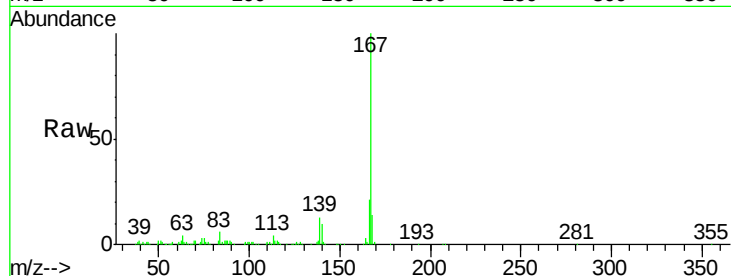
Tot Ion:167 Resp: 553862

Ion Ratio Lower Upper

167 100

166 20.7 17.1 25.7

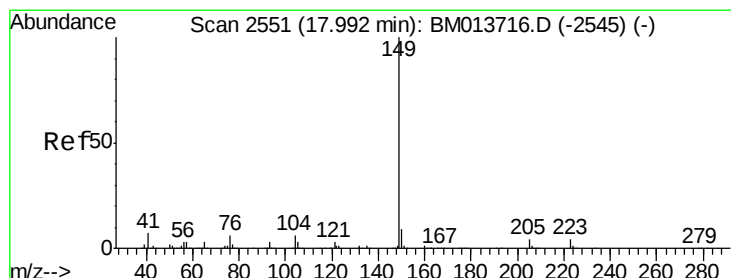
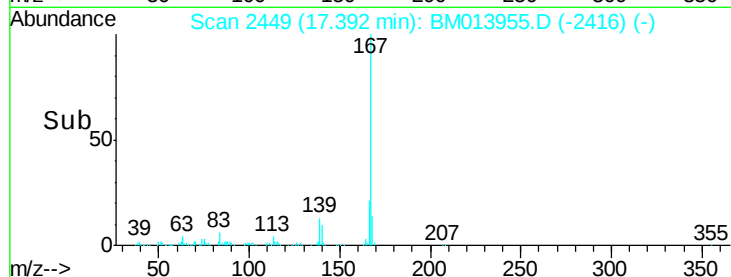
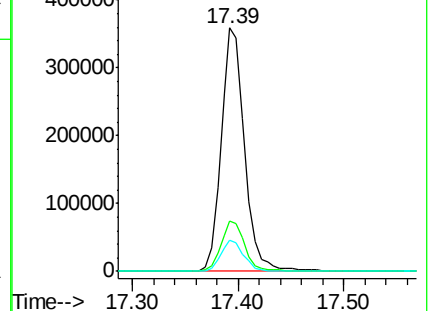
139 12.8 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 22.395 ng/ul

RT: 17.96 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

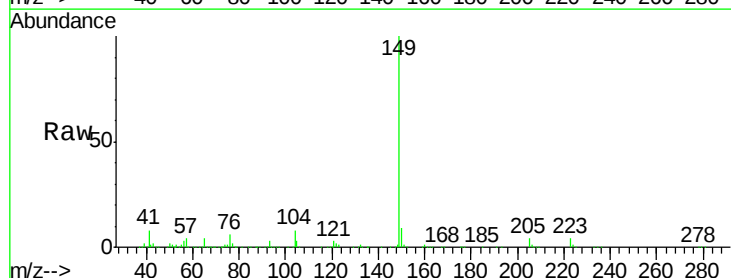
Tgt Ion:149 Resp: 719507

Ion Ratio Lower Upper

149 100

150 9.1 7.1 10.7

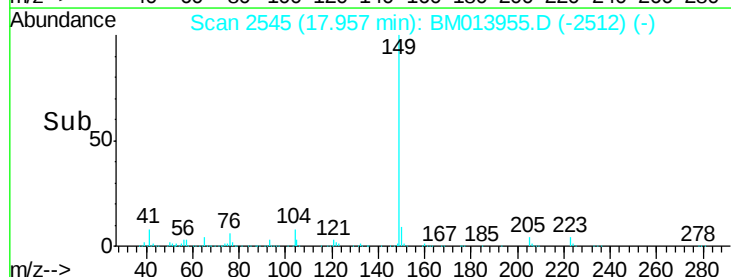
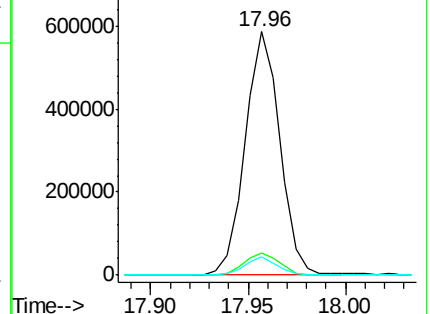
104 7.6 5.6 8.4

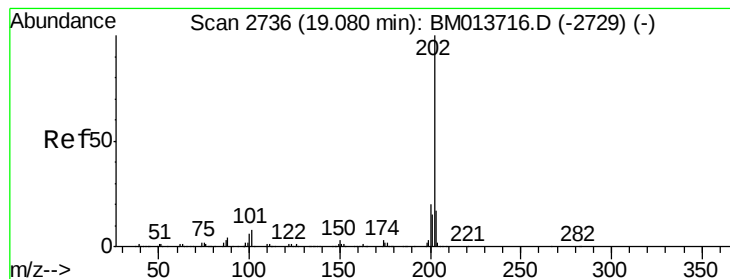


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.204 ng/ul

RT: 19.05 min Scan# 2731

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

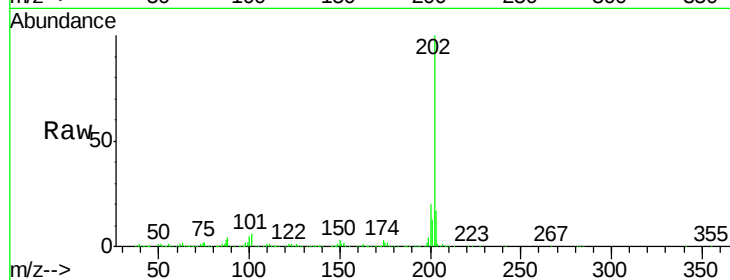
Tot Ion:202 Resp: 773798

Ion Ratio Lower Upper

202 100

101 6.4 4.6 7.0

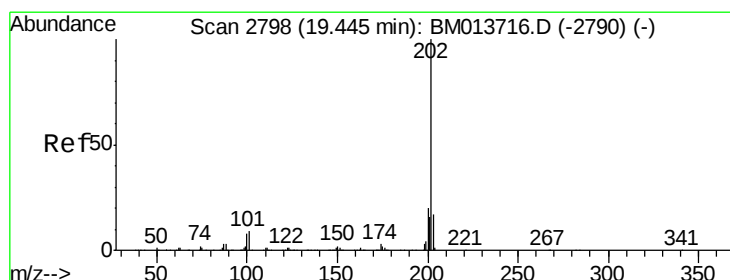
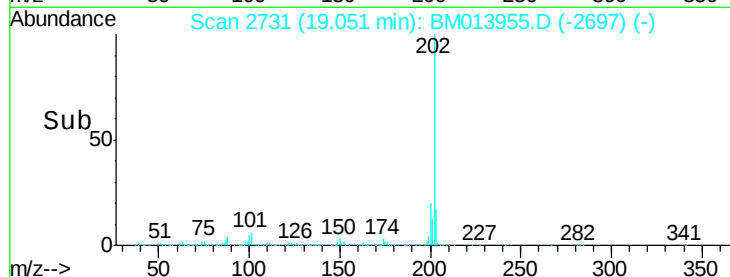
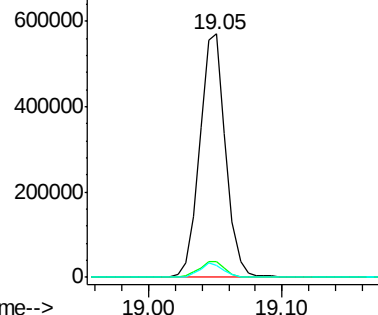
100 4.8 3.4 5.2



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: 21.315 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

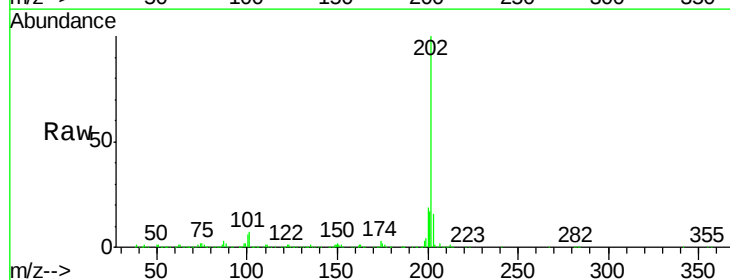
Tgt Ion:202 Resp: 778154

Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

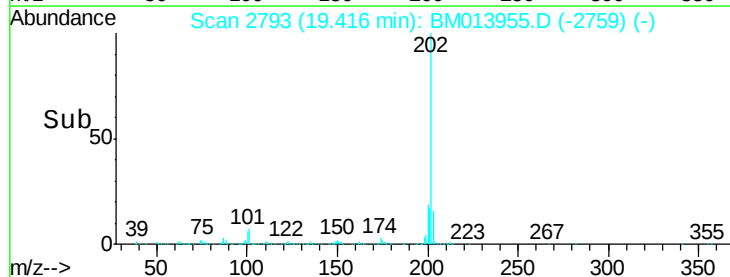
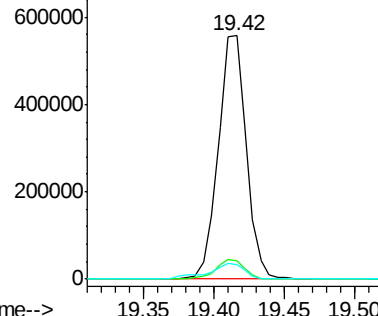
100 6.2 4.9 7.3

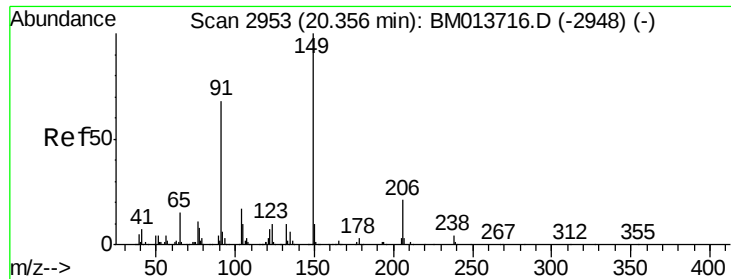


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

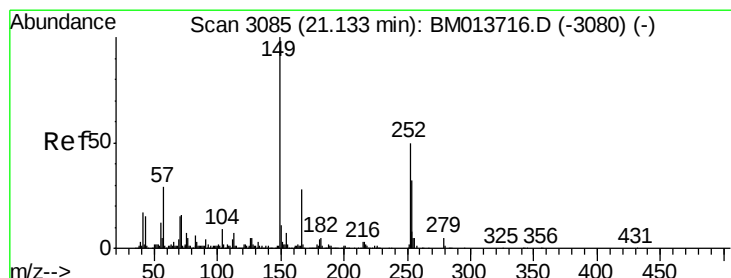
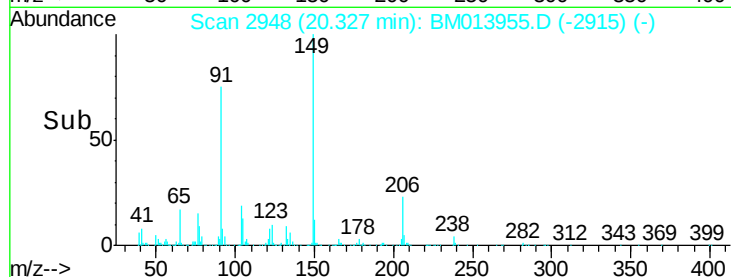
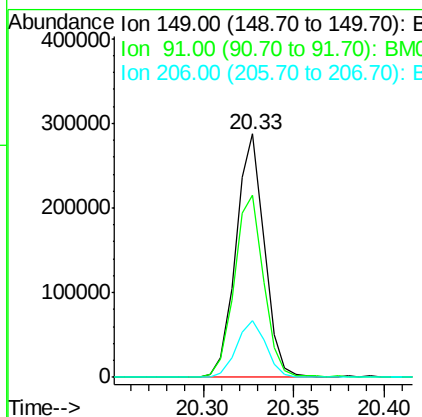
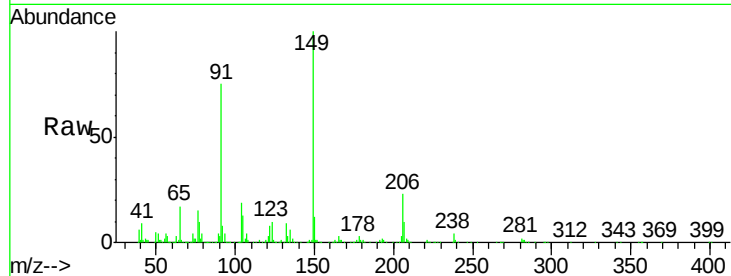




#78
Butylbenzylphthalate
Concen: 24.137 ng/ul
RT: 20.33 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

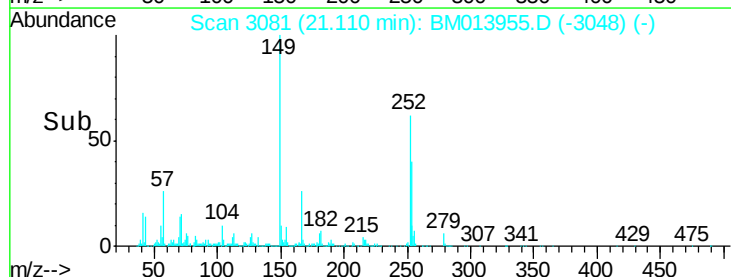
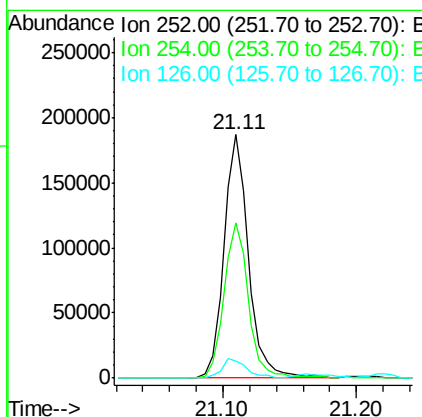
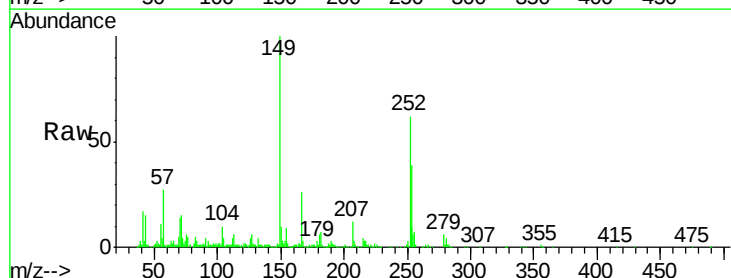
Instrument :
BNA_M
ClientSampleId :
SSTD02006

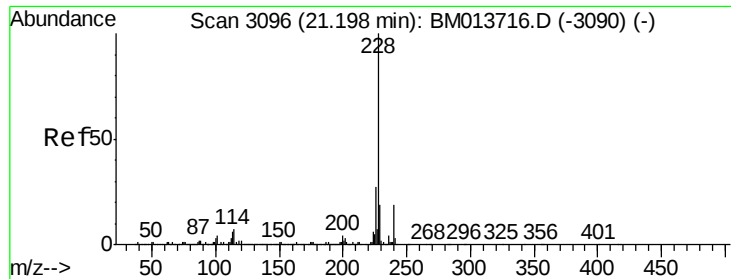
Tot Ion:149 Resp: 310402
Ion Ratio Lower Upper
149 100
91 75.1 62.7 94.1
206 23.2 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 24.130 ng/ul
RT: 21.11 min Scan# 3081
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion:252 Resp: 239720
Ion Ratio Lower Upper
252 100
254 64.0 54.5 81.7
126 7.3 5.8 8.8





#80

Benzo(a)anthracene

Concen: 20.839 ng/ul

RT: 21.17 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

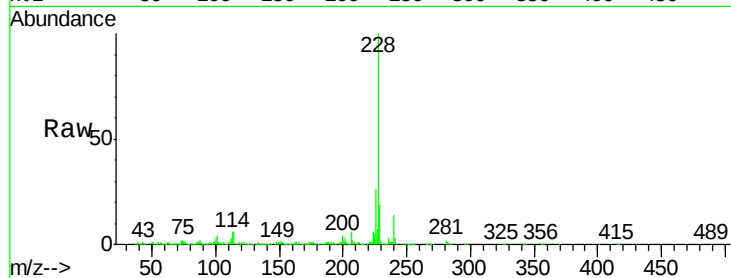
Tot Ion:228 Resp: 756167

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	25.7	21.4	32.0

228 100

229 19.3 15.4 23.0

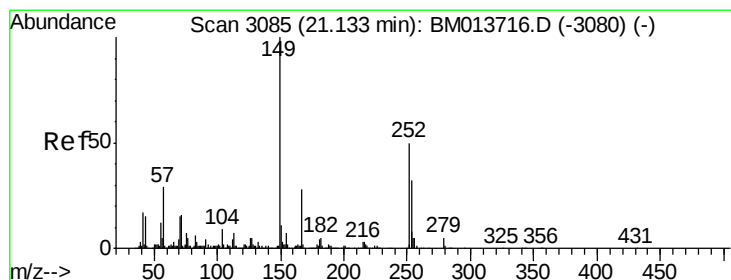
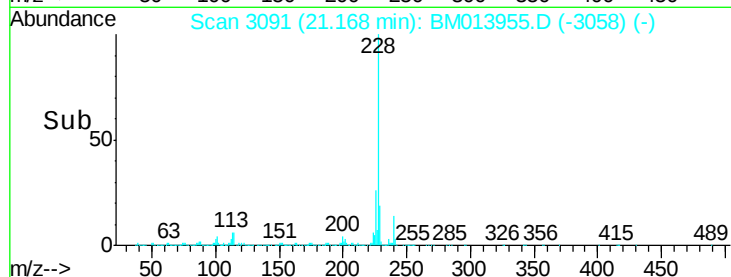
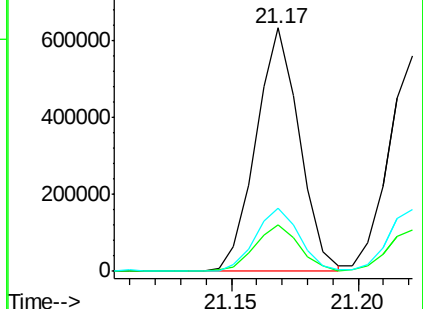
226 25.7 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.766 ng/ul

RT: 21.10 min Scan# 3080

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

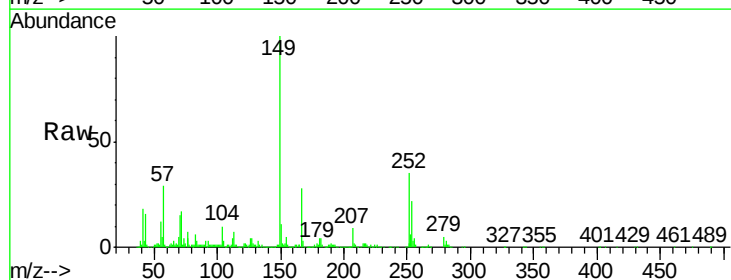
Tgt Ion:149 Resp: 439248

Ion	Ratio	Lower	Upper
149	100		
167	27.8	22.8	34.2
279	5.4	4.9	7.3

149 100

167 27.8 22.8 34.2

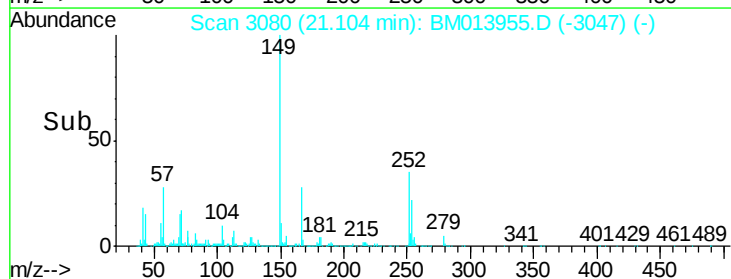
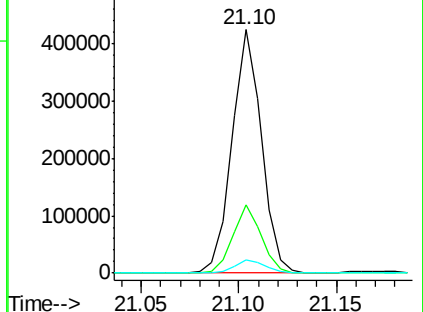
279 5.4 4.9 7.3

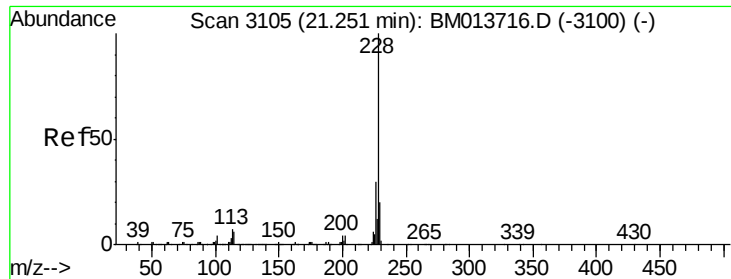


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.206 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

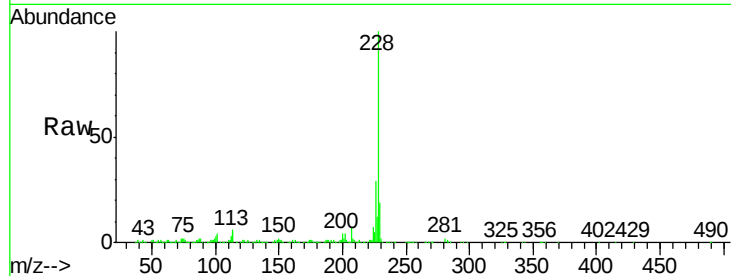
BNA_M

ClientSampleId :

SSTD02006

Tot Ion:228 Resp: 672635

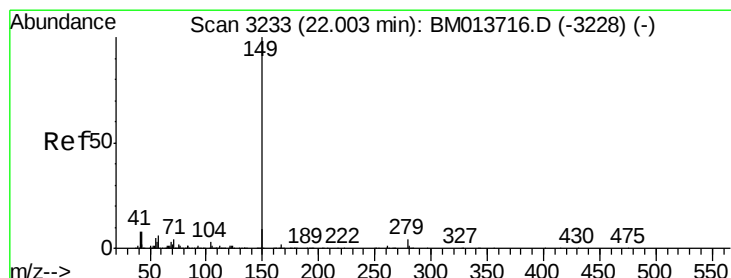
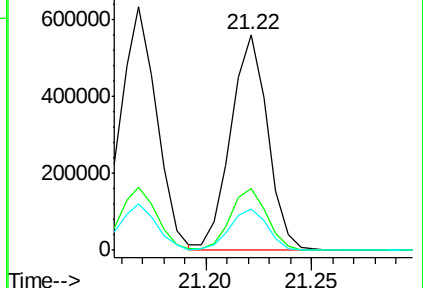
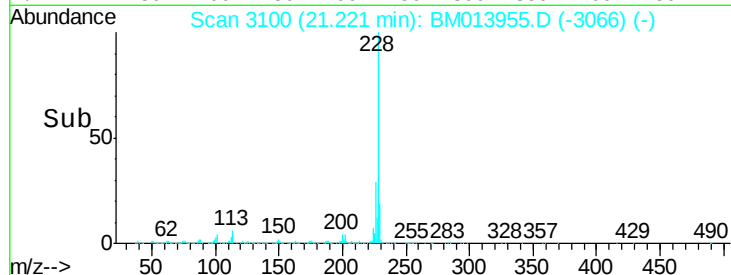
Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.2
229	19.1	15.5	23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 20.531 ng/ul

RT: 21.97 min Scan# 3227

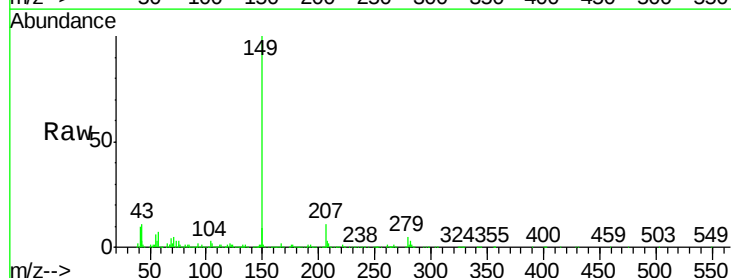
Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Tgt Ion:149 Resp: 700117

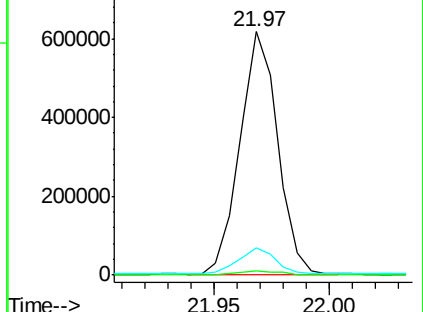
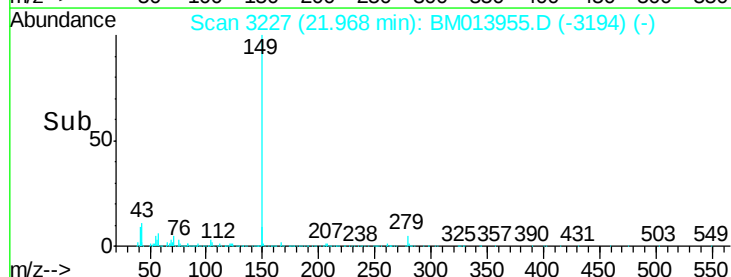
Ion	Ratio	Lower	Upper
149	100		
167	1.9	1.3	1.9
43	11.3	7.3	10.9

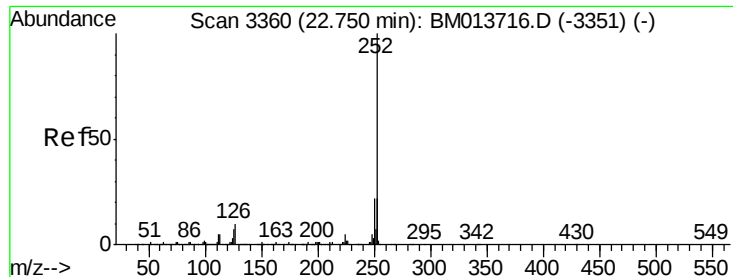


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 21.175 ng/ul

RT: 22.72 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

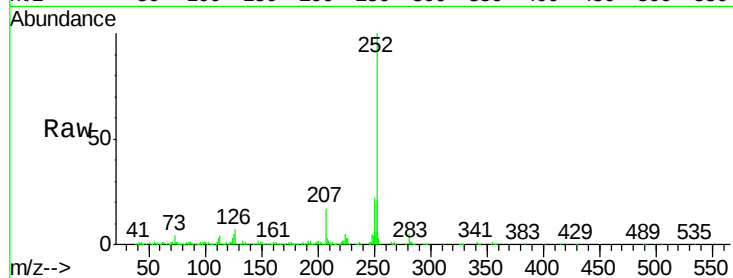
Tot Ion:252 Resp: 735832

Ion Ratio Lower Upper

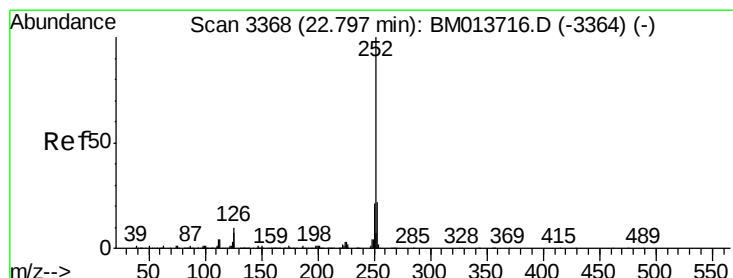
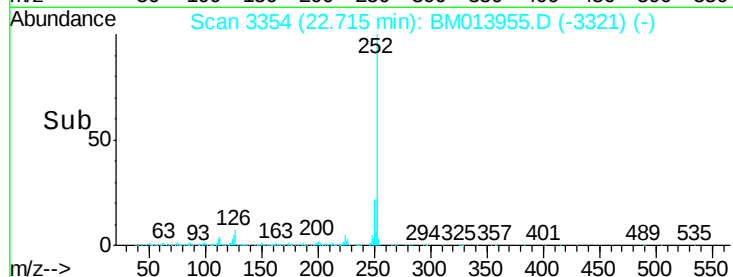
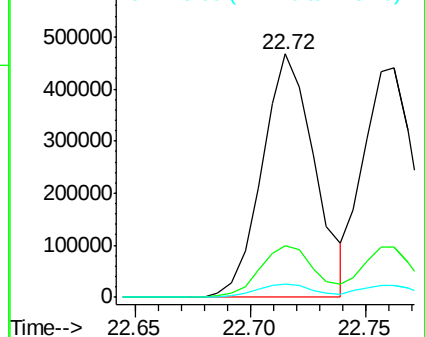
252 100

253 21.3 17.9 26.9

125 5.4 3.6 5.4



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.241 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

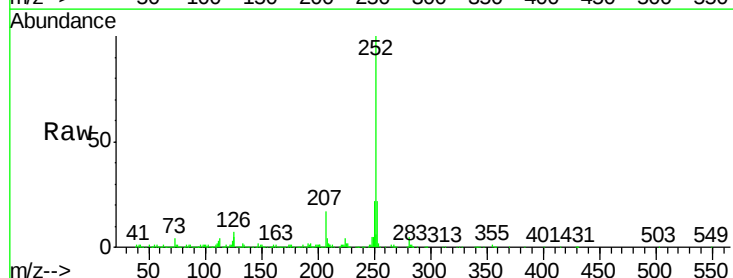
Tgt Ion:252 Resp: 679848

Ion Ratio Lower Upper

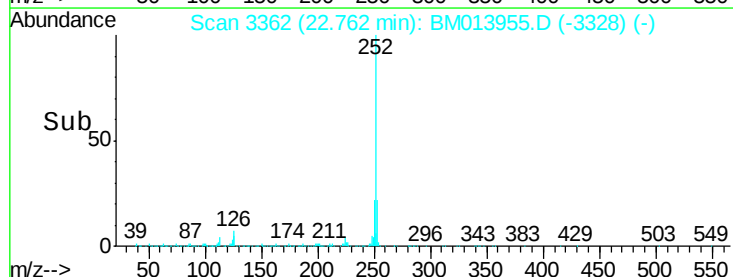
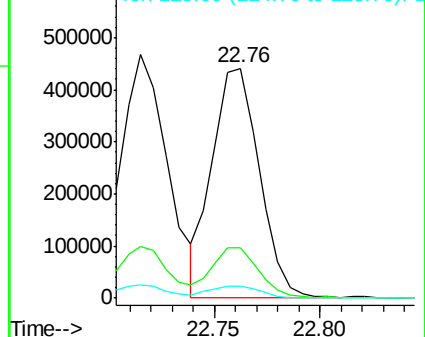
252 100

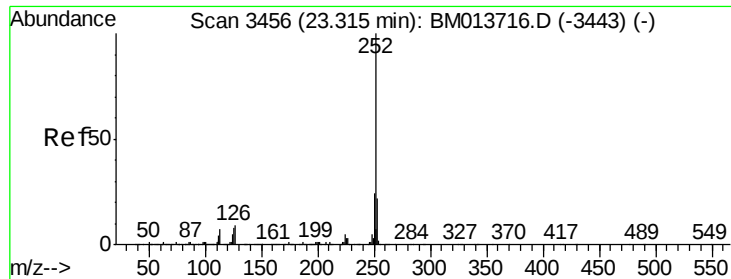
253 22.2 17.1 25.7

125 5.0 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: 20.365 ng/ul

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

Instrument :

BNA_M

ClientSampleId :

SSTD02006

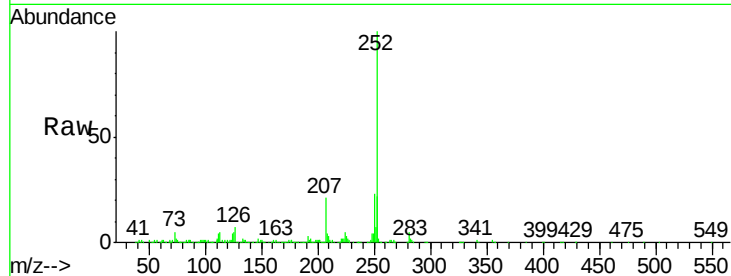
Tot Ion:252 Resp: 668540

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

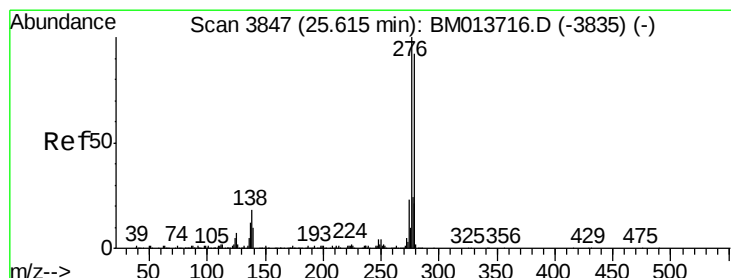
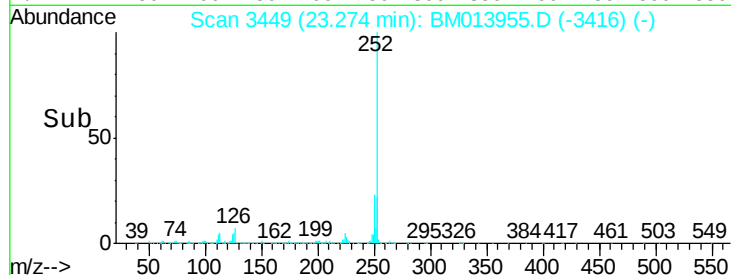
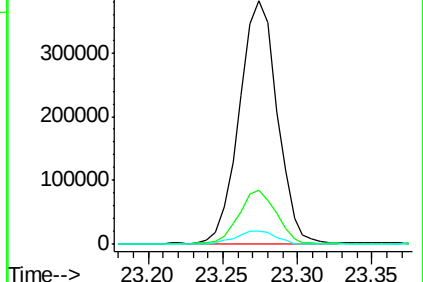
125 5.5 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.202 ng/ul

RT: 25.55 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BM013955.D

Acq: 29 Jan 2018 12:56

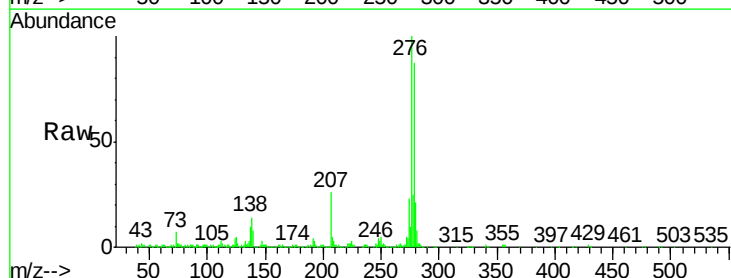
Tgt Ion:276 Resp: 782828

Ion Ratio Lower Upper

276 100

138 14.4 9.3 13.9#

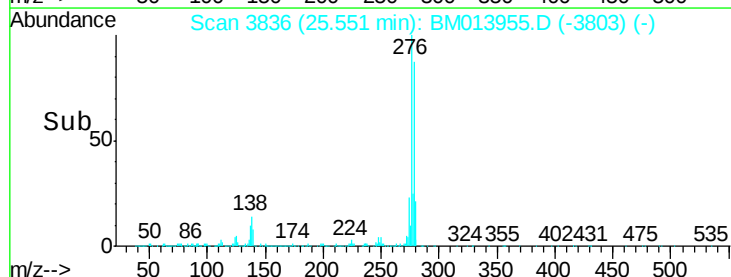
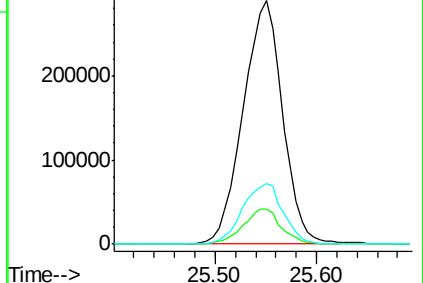
277 25.0 19.9 29.9

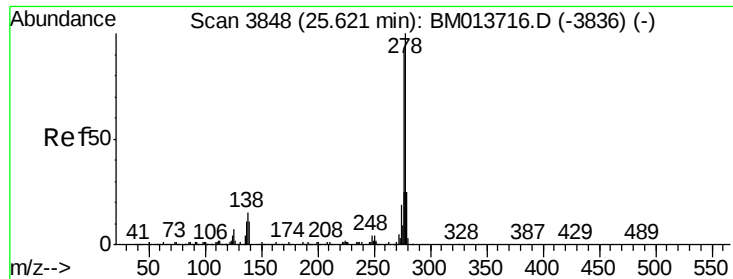


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



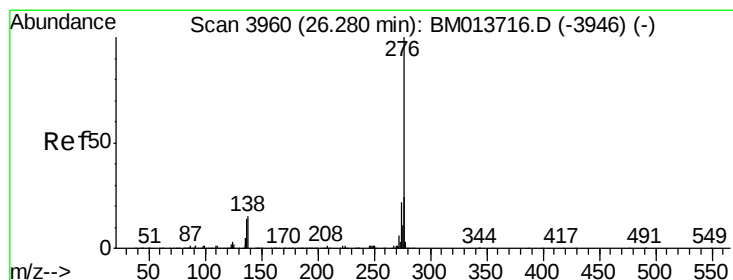
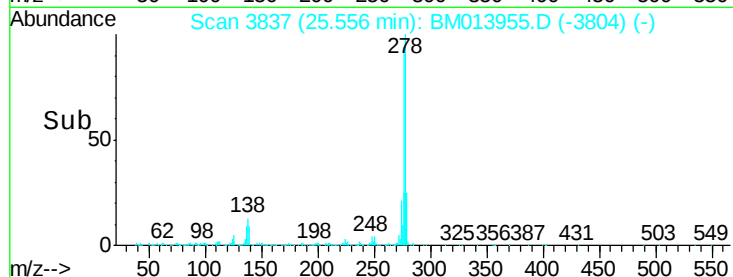
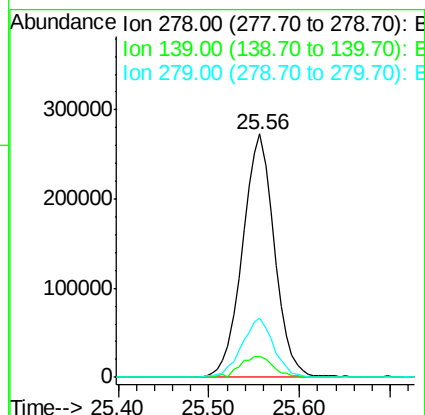
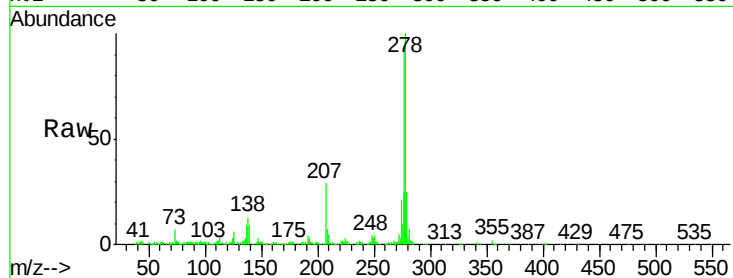


#90

Dibenzo(a,h)anthracene
Concen: 20.424 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.7	5.8	8.8
279	24.5	18.6	27.8



#91

Benzo(g,h,i)perylene
Concen: 20.426 ng/ul
RT: 26.22 min Scan# 3949
Delta R.T. -0.01 min
Lab File: BM013955.D
Acq: 29 Jan 2018 12:56

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.6	8.5	12.7
277	23.0	18.6	28.0

