

Data Path : U:\HPCHEM1\BNA M\DATA\BM011018\
 Data File : BM013563.D
 Acq On : 10 Jan 2018 13:18
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Quant Time: Jan 10 15:32:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 10 13:12:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	150226	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	597231	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	339482	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	723220	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	696166	20.00	ng/ul	0.00
83) Perylene-d12	23.43	264	642203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	26248	6.91	ng/uL	0.00
5) Phenol-d5	6.81	99	234139	20.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	144350	20.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	188429	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	176772	19.94	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	96538	20.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	101043	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	198582	20.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	152841	18.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	545195	19.49	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	727523	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	79360	17.45	ng/ul	0.00
57) Fluorene-d10	15.27	176	483480	19.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	84210	19.34	ng/ul	0.00
70) Anthracene-d10	17.13	188	707129	20.07	ng/ul	0.00
76) Pyrene-d10	19.43	212	709962	21.90	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.29	264	595044	20.16	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.20	88	28226	6.779	ng/uL# 64
4) Benzaldehyde	6.78	77	174558	21.871	ng/ul 95
6) Phenol	6.83	94	227762	19.690	ng/ul# 84
8) Bis(2-Chloroethyl)ether	7.06	93	186128	20.563	ng/ul 95
10) 2-Chlorophenol	7.19	128	186151	19.875	ng/ul 97
11) 2-Methylphenol	8.07	108	170122	19.952	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	8.16	45	190522	20.686	ng/ul# 80
14) Acetophenone	8.45	105	291728	19.884	ng/ul 91
15) N-Nitroso-di-n-propylamine	8.43	70	150057	20.965	ng/ul# 74
16) 4-Methylphenol	8.40	108	189444	20.779	ng/ul 97
17) Hexachloroethane	8.69	117	85293	18.709	ng/ul# 75
20) Nitrobenzene	8.82	77	238703	19.939	ng/ul 97
21) Isophorone	9.35	82	382451	19.772	ng/ul 94
23) 2-Nitrophenol	9.53	139	105401	20.654	ng/ul# 83
24) 2,4-Dimethylphenol	9.59	107	215701	20.048	ng/ul# 89
25) Bis(2-Chloroethoxy)methane	9.83	93	239847	20.340	ng/ul 96
27) 2,4-Dichlorophenol	10.06	162	180150	19.761	ng/ul# 91
28) Naphthalene	10.46	128	608646	20.485	ng/ul 99
30) 4-Chloroaniline	10.57	127	155682	19.130	ng/ul# 86
31) Hexachlorobutadiene	10.73	225	138966	18.570	ng/ul 92
32) Caprolactam	11.35	113	33809	13.331	ng/ul# 36
33) 4-Chloro-3-methylphenol	11.71	107	188408	20.387	ng/ul 99
34) 2-Methylnaphthalene	12.07	142	442870	19.992	ng/ul 95

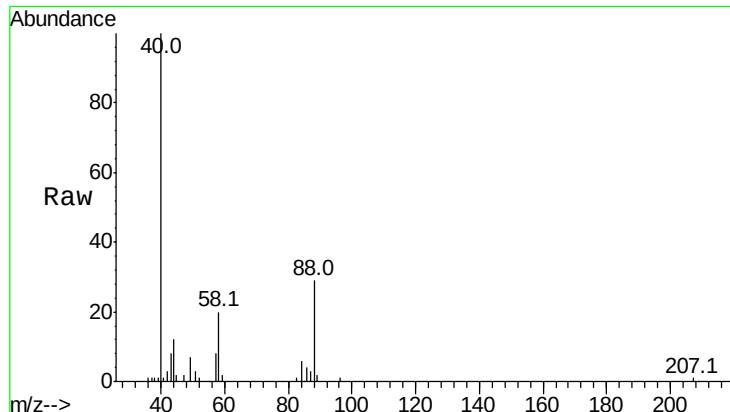
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	257246	20.450	ng/ul	97
37) Hexachlorocyclopentadiene	12.42	237	102183	19.567	ng/ul	99
38) 2,4,6-Trichlorophenol	12.70	196	152256	20.911	ng/ul	92
39) 2,4,5-Trichlorophenol	12.77	196	157874	20.837	ng/ul	91
40) 1,1'-Biphenyl	13.10	154	589222	20.851	ng/ul	100
41) 2-Chloronaphthalene	13.15	162	459366	20.795	ng/ul	99
42) 2-Nitroaniline	13.36	65	125139	20.537	ng/ul	96
44) Dimethylphthalate	13.74	163	537787	19.549	ng/ul	99
45) 2,6-Dinitrotoluene	13.86	165	110923	20.807	ng/ul#	97
47) Acenaphthylene	14.00	152	673805	20.640	ng/ul	97
48) 3-Nitroaniline	14.20	138	78876	18.813	ng/ul	82
49) Acenaphthene	14.34	153	455064	20.127	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	53107	17.378	ng/ul#	87
52) 4-Nitrophenol	14.51	109	81689	17.685	ng/ul#	83
53) Dibenzofuran	14.68	168	667208	19.616	ng/ul	100
54) 2,4-Dinitrotoluene	14.66	165	149802	19.277	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.91	232	138613	19.451	ng/ul	93
56) Diethylphthalate	15.12	149	524075	18.930	ng/ul	94
58) Fluorene	15.33	166	548210	19.676	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	292190	19.408	ng/ul	99
60) 4-Nitroaniline	15.36	138	96088	19.588	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.43	198	87056	18.946	ng/ul#	96
64) N-Nitrosodiphenylamine	15.54	169	445438	20.941	ng/ul	98
65) 4-Bromophenyl-phenylether	16.22	248	181144	21.206	ng/ul	95
66) Hexachlorobenzene	16.33	284	185492	20.174	ng/ul#	90
67) Atrazine	16.50	200	161742	19.052	ng/ul	92
68) Pentachlorophenol	16.69	266	92619	18.956	ng/ul	96
69) Phenanthrene	17.07	178	804565	20.014	ng/ul	99
71) Anthracene	17.16	178	826936	19.943	ng/ul	99
72) Carbazole	17.44	167	672734	19.655	ng/ul	99
73) Di-n-butylphthalate	18.00	149	786155	19.529	ng/ul	98
74) Fluoranthene	19.09	202	877836	18.293	ng/ul#	93
77) Pyrene	19.46	202	935772	22.111	ng/ul#	93
78) Butylbenzylphthalate	20.37	149	314599	21.102	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.14	252	219226	19.036	ng/ul#	98
80) Benzo(a)anthracene	21.21	228	846968	20.134	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	452931	20.249	ng/ul#	97
82) Chrysene	21.26	228	766223	19.855	ng/ul	99
84) Di-n-octyl phthalate	22.02	149	734157	18.969	ng/ul	96
85) Benzo(b)fluoranthene	22.77	252	813539	20.628	ng/ul#	98
86) Benzo(k)fluoranthene	22.81	252	749585	19.663	ng/ul#	97
88) Benzo(a)pyrene	23.33	252	749074	20.105	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.63	276	844637	19.205	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.64	278	720509	19.400	ng/ul#	97
91) Benzo(g,h,i)perylene	26.30	276	692773	19.139	ng/ul#	95

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

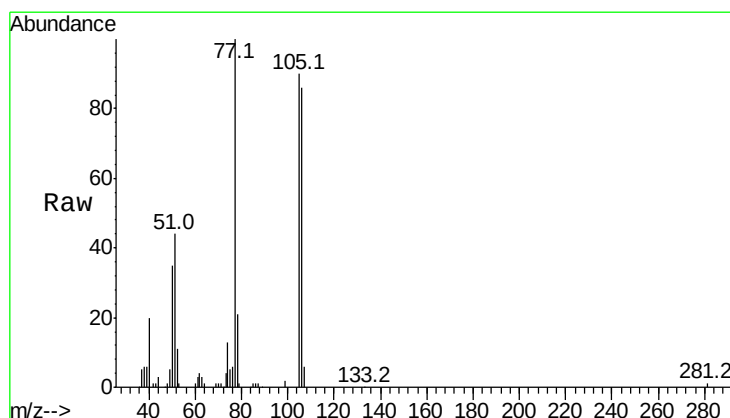
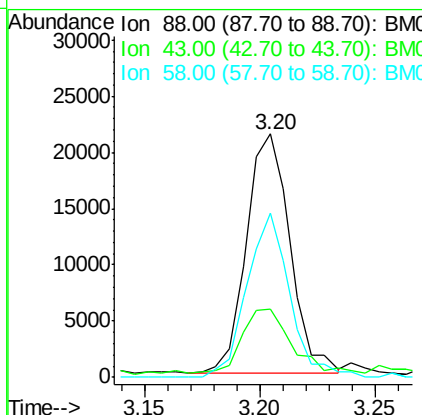
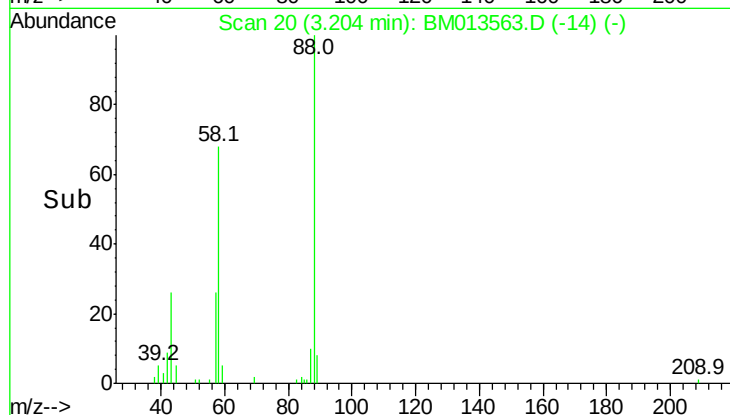


#2
 1,4-Dioxane
 Concen: 6.779 ng/uL
 RT: 3.20 min Scan# 20
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Tot Ion: 88 Resp: 28226

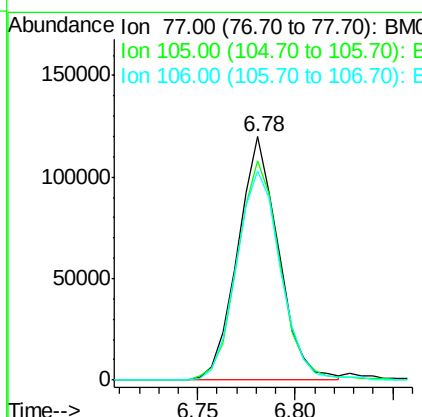
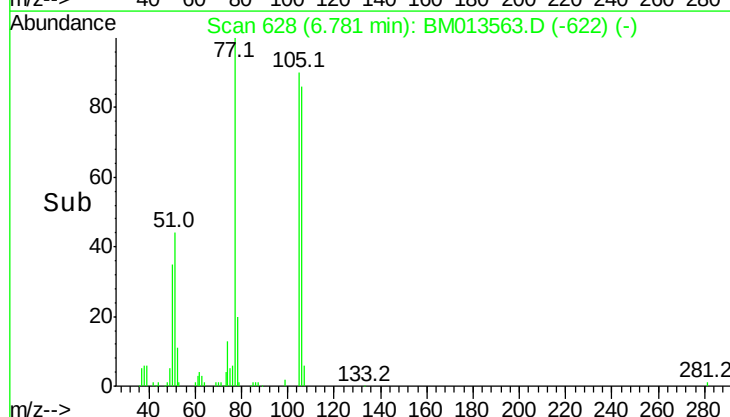
Ion	Ratio	Lower	Upper
88	100		
43	29.0	48.0	72.0#
58	66.9	80.0	120.0#

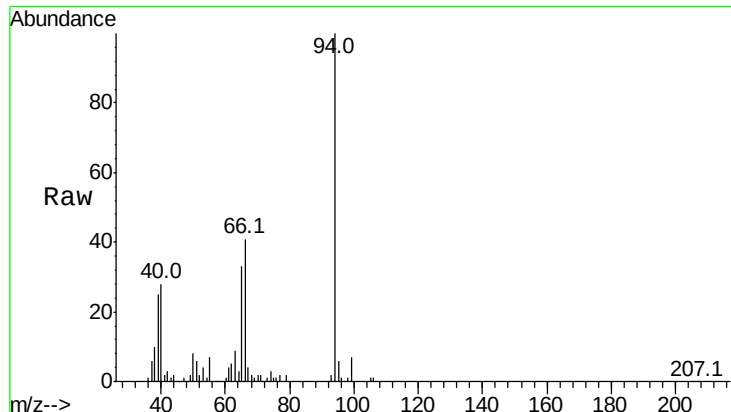


#4
 Benzaldehyde
 Concen: 21.871 ng/uL
 RT: 6.78 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion: 77 Resp: 174558

Ion	Ratio	Lower	Upper
77	100		
105	90.3	66.1	99.1
106	86.1	67.8	101.6





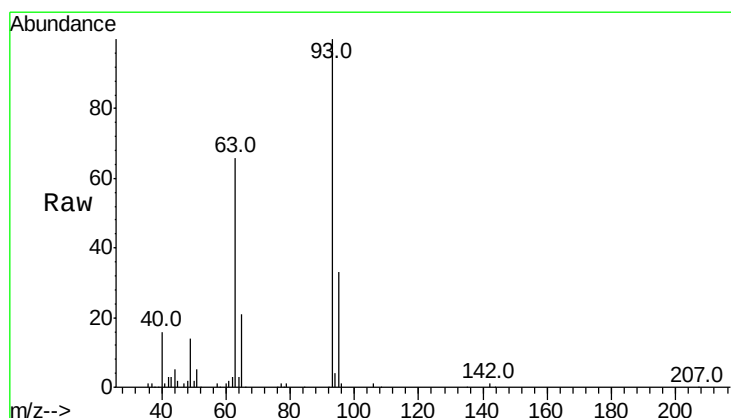
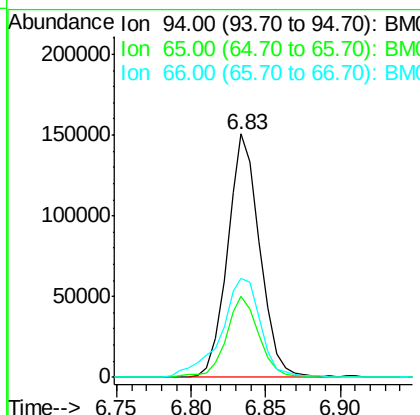
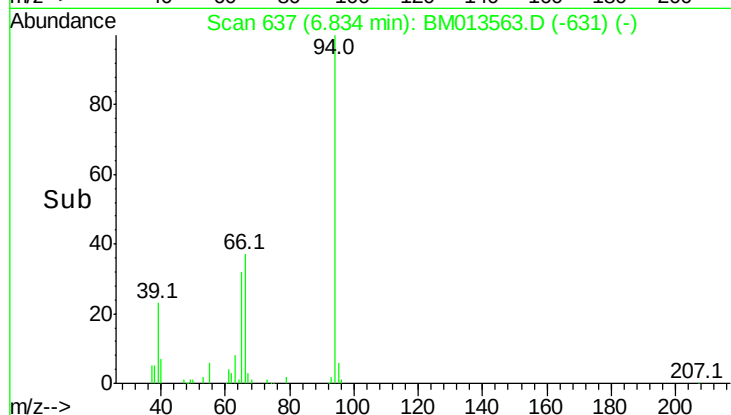
#6

Phenol

Concen: 19.690 ng/ul
RT: 6.83 min Scan# 637
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

Instrument :
BNA_M
ClientSampleId :
SICV014

Tot Ion: 94 Resp: 227762
Ion Ratio Lower Upper
94 100
65 33.3 28.2 42.4
66 40.9 47.2 70.8#

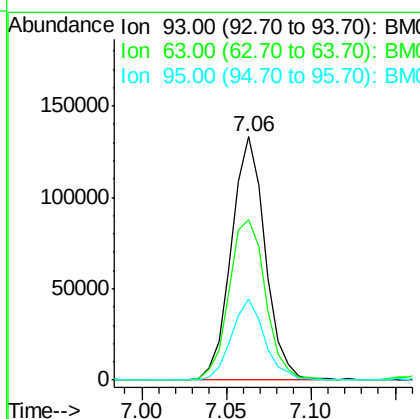
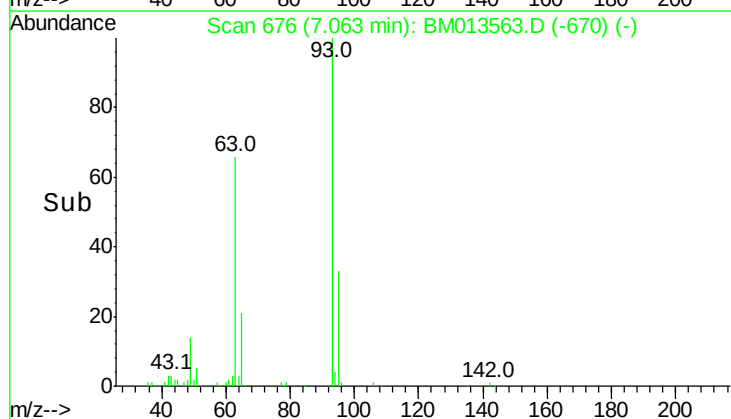


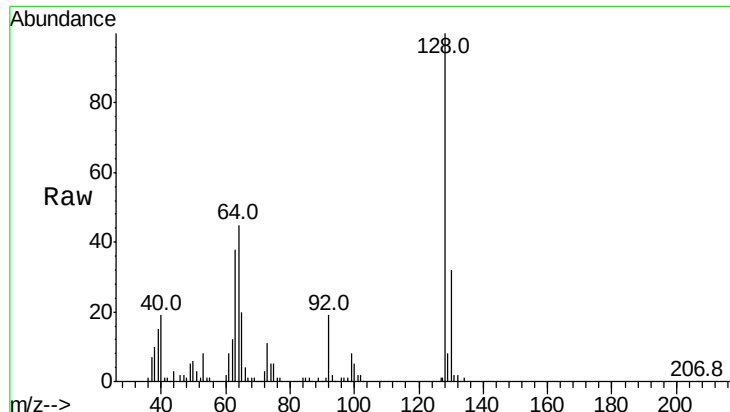
#8

Bis(2-Chloroethyl)ether

Concen: 20.563 ng/ul
RT: 7.06 min Scan# 676
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

Tgt Ion: 93 Resp: 186128
Ion Ratio Lower Upper
93 100
63 66.0 57.3 85.9
95 33.1 26.6 39.8

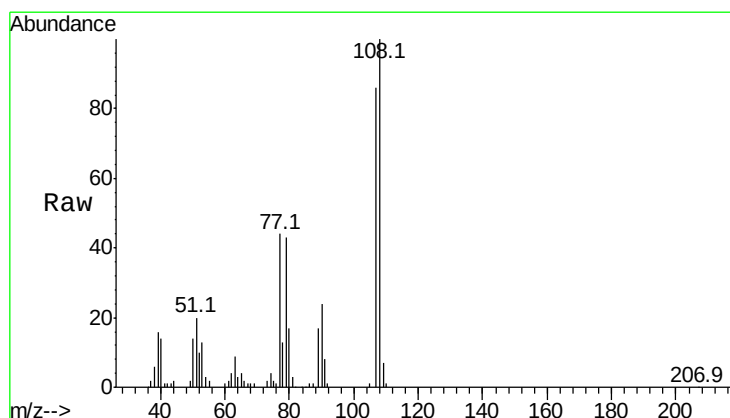
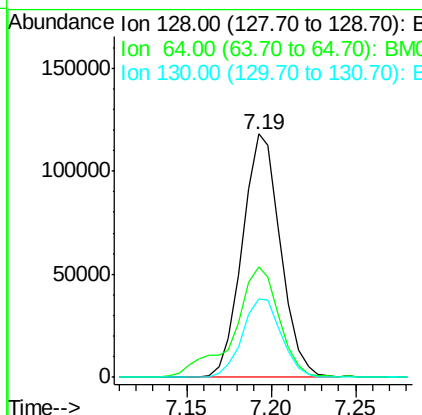
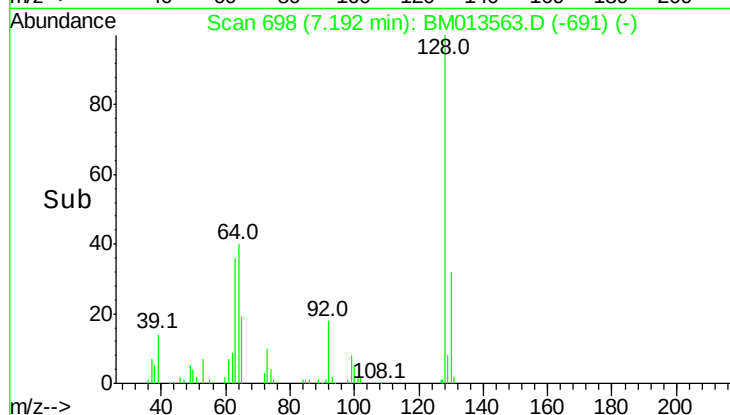




#10
 2-Chlorophenol
 Concen: 19.875 ng/ul
 RT: 7.19 min Scan# 698
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

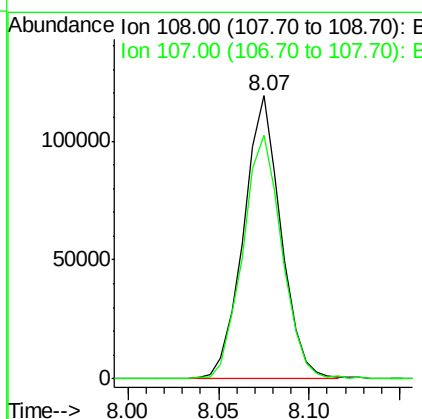
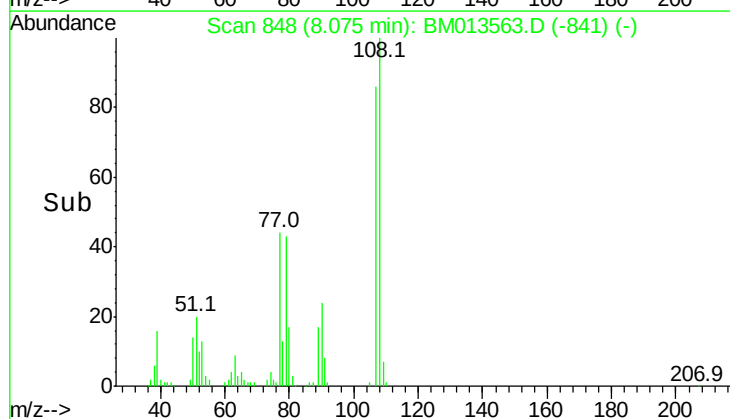
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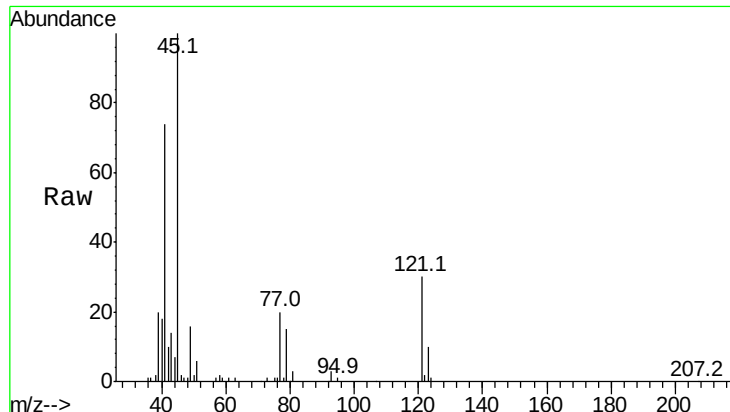
Tot Ion:128 Resp: 186151
 Ion Ratio Lower Upper
 128 100
 64 45.3 38.0 57.0
 130 32.5 24.4 36.6



#11
 2-Methylphenol
 Concen: 19.952 ng/ul
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:108 Resp: 170122
 Ion Ratio Lower Upper
 108 100
 107 86.2 72.6 108.8

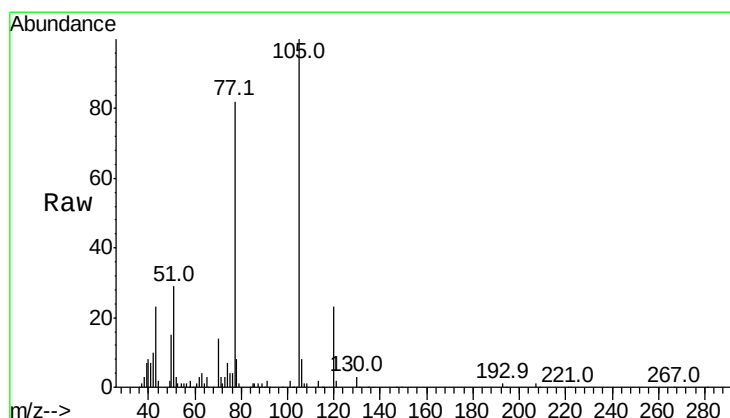
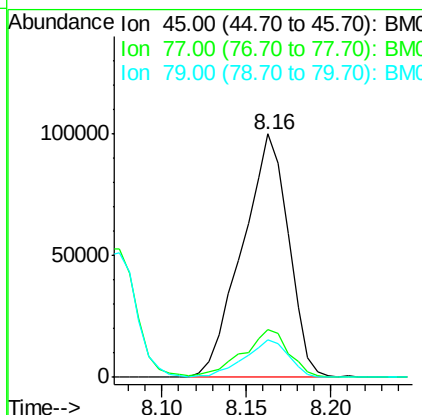
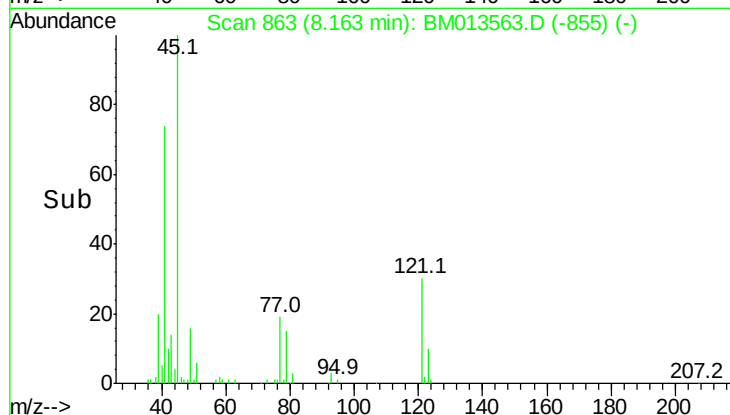




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.686 ng/ul
RT: 8.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

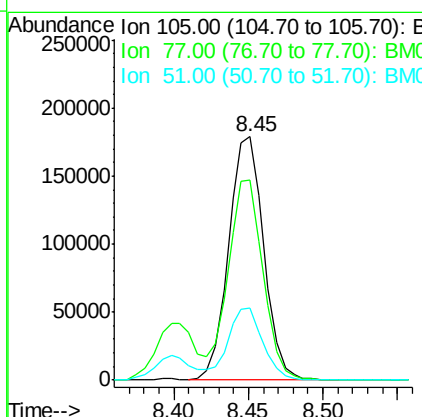
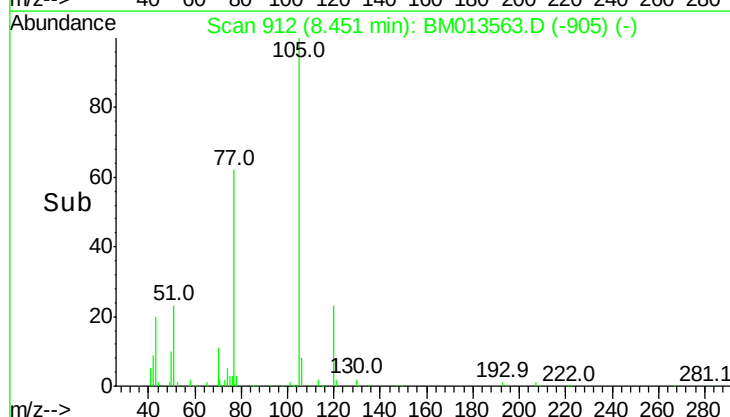
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ClientSampleId :
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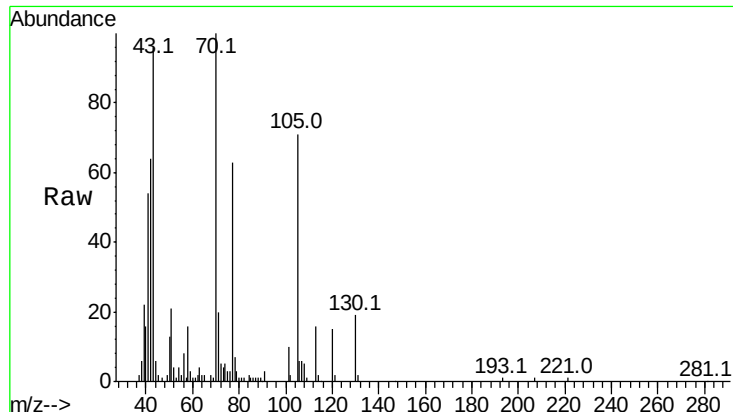
Tot Ion: 45 Resp: 190522
Ion Ratio Lower Upper
45 100
77 19.6 8.0 12.0#
79 15.4 8.0 12.0#



#14
Acetophenone
Concen: 19.884 ng/ul
RT: 8.45 min Scan# 912
Delta R.T. 0.01 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

Tgt Ion:105 Resp: 291728
Ion Ratio Lower Upper
105 100
77 82.0 74.2 111.4
51 29.5 23.4 35.2

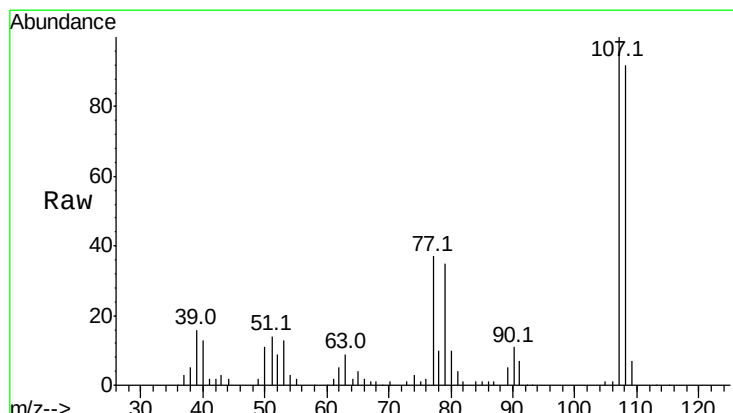
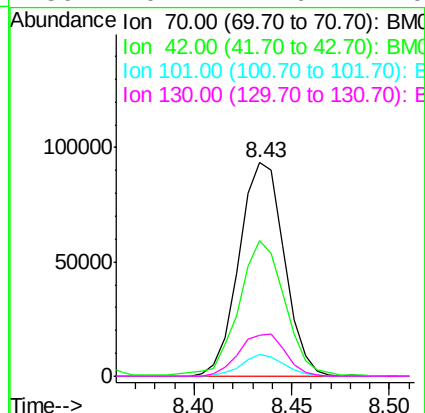
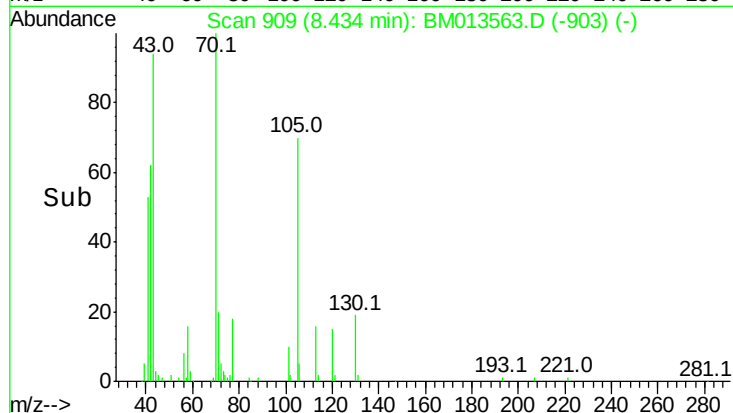




#15
 N-Nitroso-di-n-propylamine
 Concen: 20.965 ng/ul
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

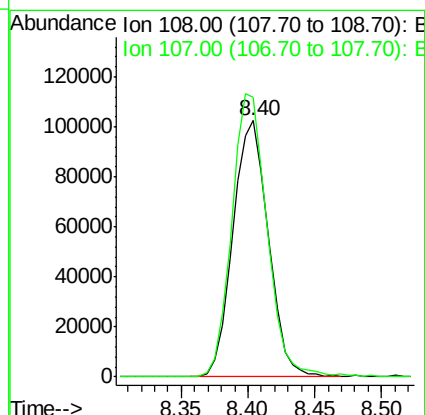
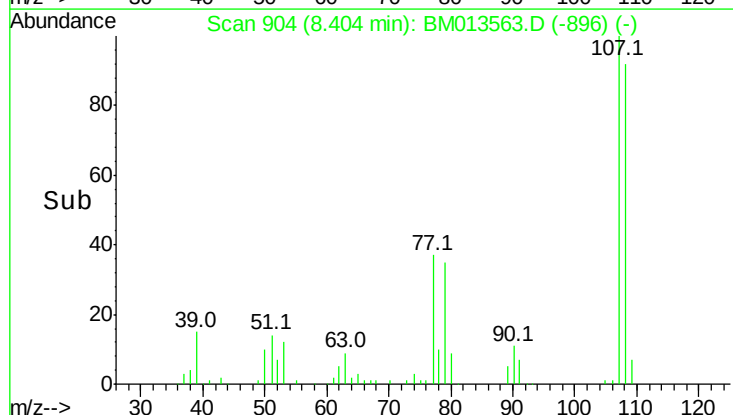
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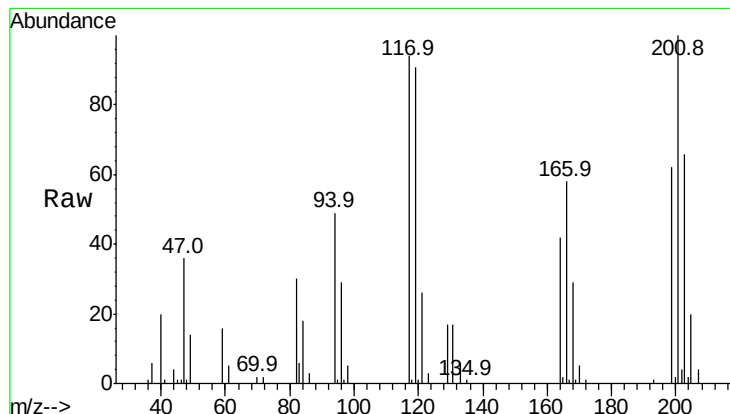
Tot Ion:	70	Resp:	150057
Ion	Ratio	Lower	Upper
70	100		
42	63.6	76.0	114.0#
101	10.0	6.7	10.1
130	19.2	14.6	22.0



#16
 4-Methylphenol
 Concen: 20.779 ng/ul
 RT: 8.40 min Scan# 904
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:	108	Resp:	189444
Ion	Ratio	Lower	Upper
108	100		
107	109.1	84.9	127.3





#17

Hexachloroethane

Concen: 18.709 ng/ul

RT: 8.69 min Scan# 952

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

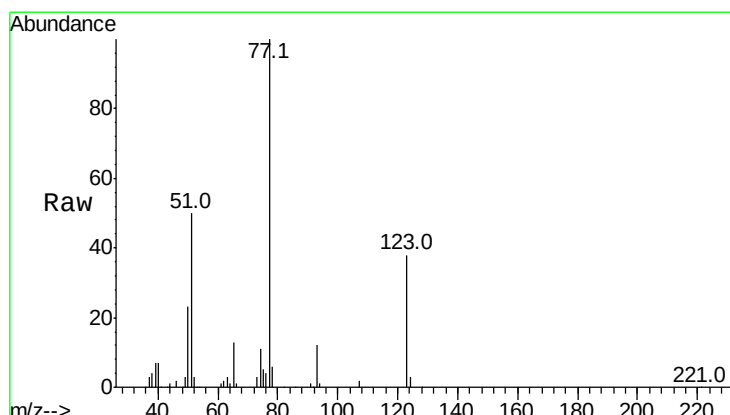
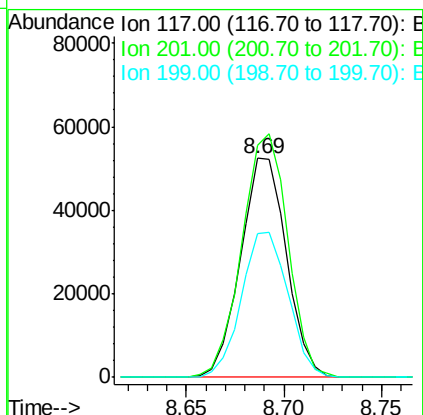
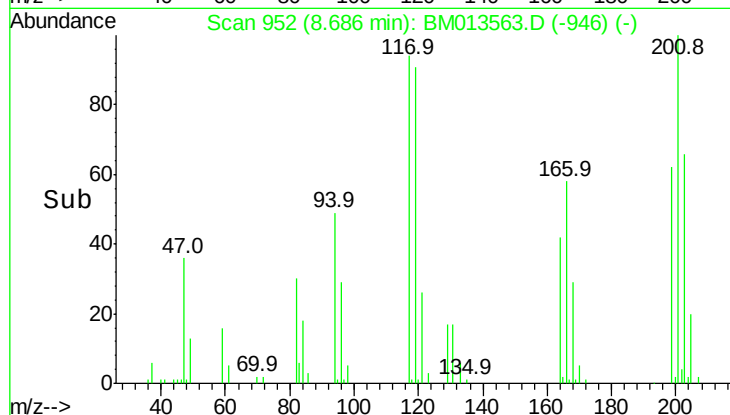
Tot Ion:117 Resp: 85293

Ion Ratio Lower Upper

117 100

201 106.3 111.6 167.4#

199 65.7 67.8 101.6#



#20

Nitrobenzene

Concen: 19.939 ng/ul

RT: 8.82 min Scan# 975

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

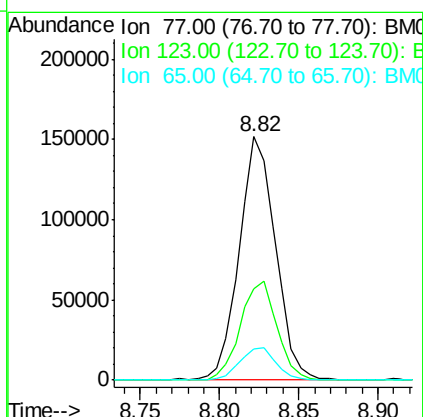
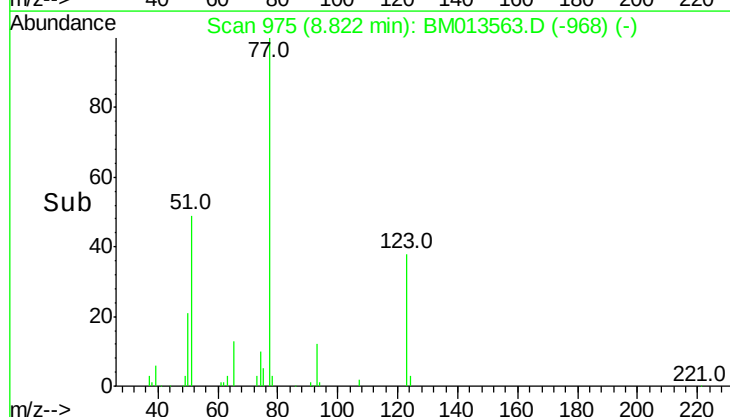
Tgt Ion: 77 Resp: 238703

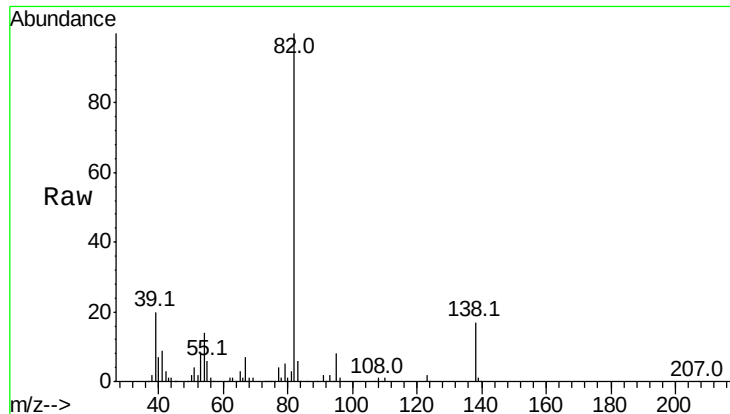
Ion Ratio Lower Upper

77 100

123 37.7 31.0 46.6

65 13.0 12.2 18.2

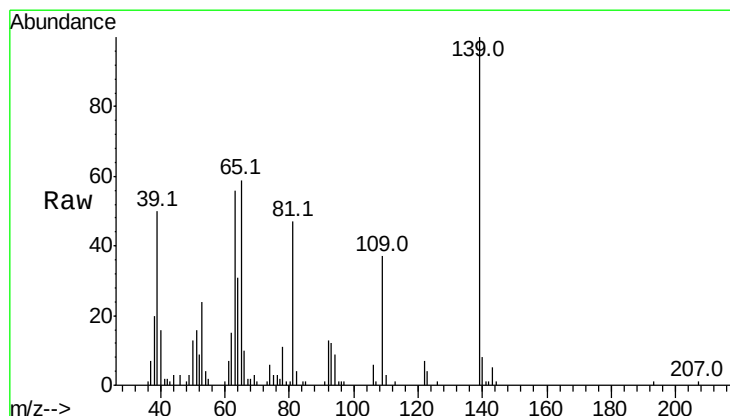
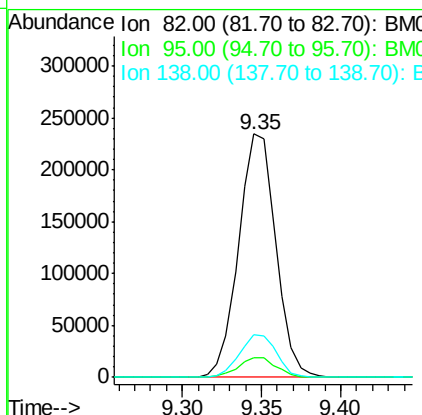
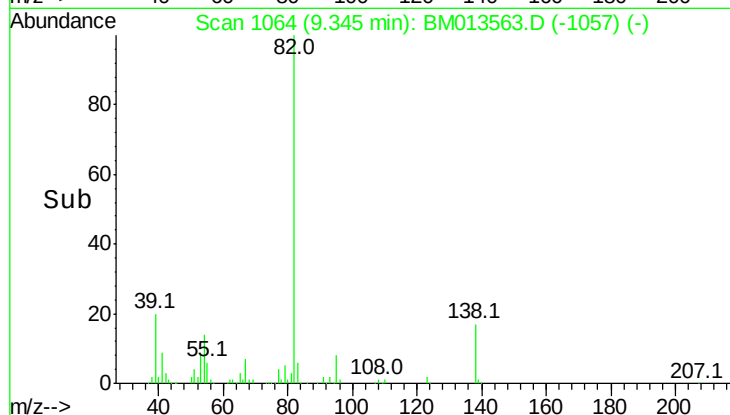




#21
Isophorone
Concen: 19.772 ng/ul
RT: 9.35 min Scan# 1064
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

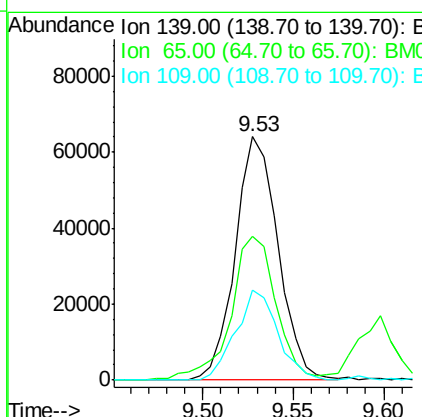
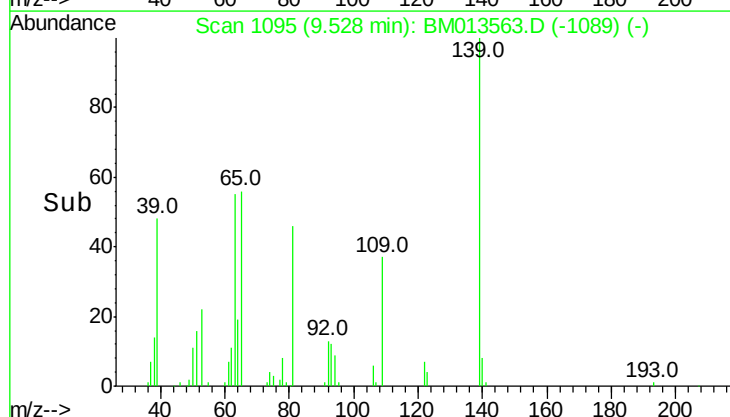
Instrument :
BNA_M
ClientSampleId :
SICV014

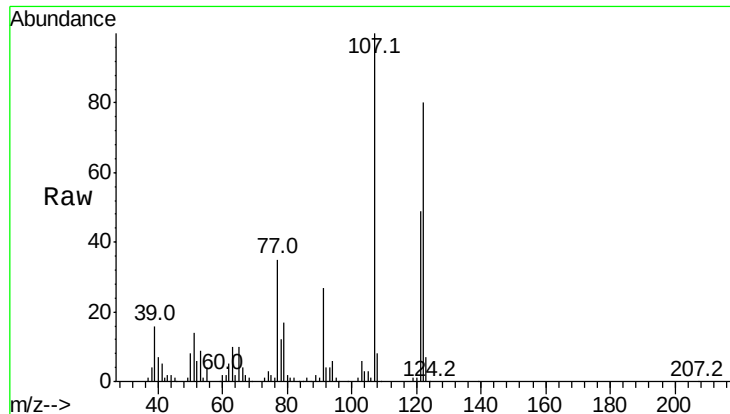
Tot Ion: 82 Resp: 382451
Ion Ratio Lower Upper
82 100
95 8.1 7.8 11.8
138 17.4 11.9 17.9



#23
2-Nitrophenol
Concen: 20.654 ng/ul
RT: 9.53 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

Tgt Ion:139 Resp: 105401
Ion Ratio Lower Upper
139 100
65 59.1 55.4 83.0
109 37.0 42.2 63.2#





#24

2,4-Dimethylphenol

Concen: 20.048 ng/ul

RT: 9.59 min Scan# 1106

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

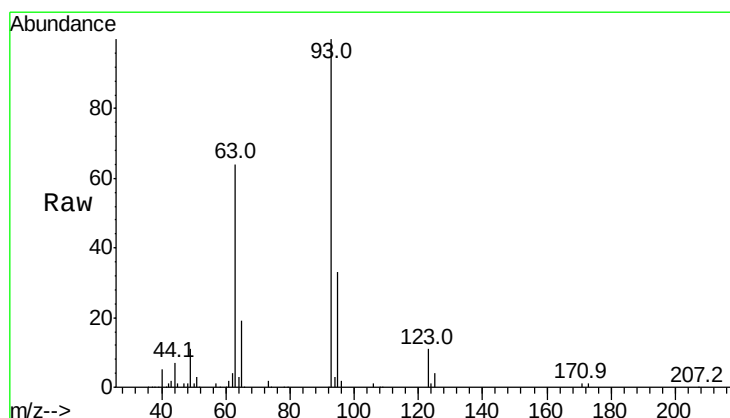
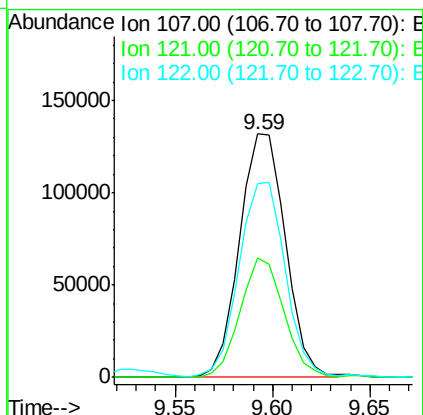
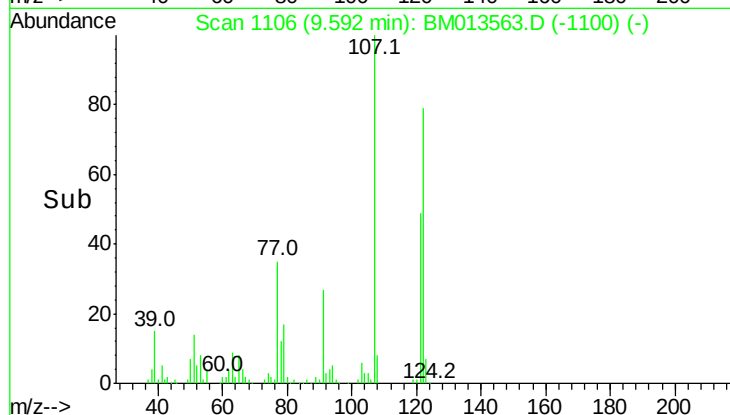
Tot Ion:107 Resp: 215701

Ion Ratio Lower Upper

107 100

121 49.3 31.9 47.9#

122 79.6 57.8 86.6



#25

Bis(2-Chloroethoxy)methane

Concen: 20.340 ng/ul

RT: 9.83 min Scan# 1147

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

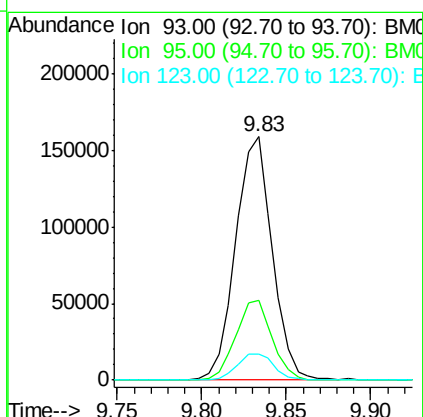
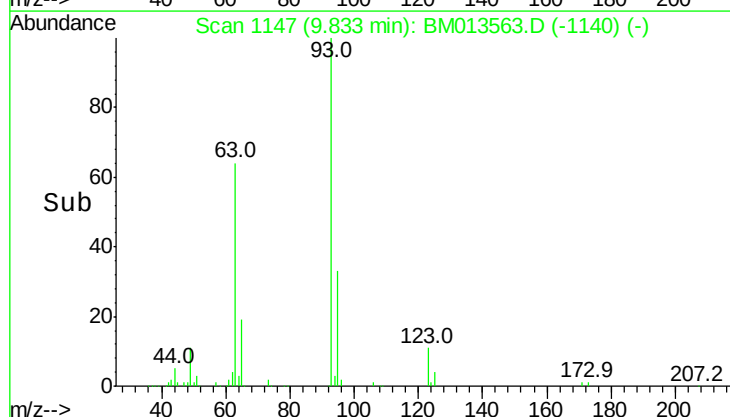
Tgt Ion: 93 Resp: 239847

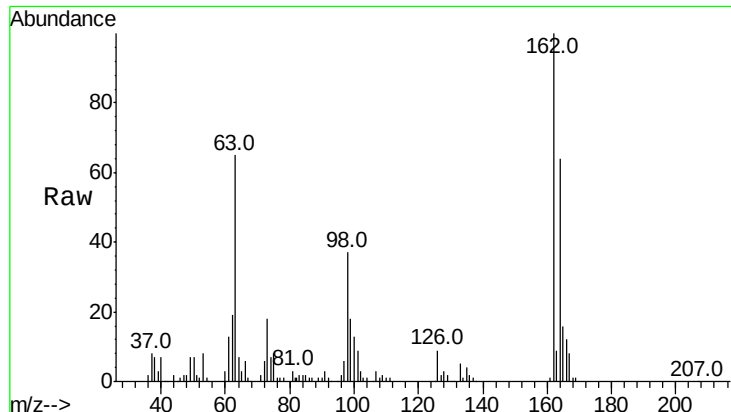
Ion Ratio Lower Upper

93 100

95 32.6 28.5 42.7

123 10.8 8.9 13.3





#27

2,4-Dichlorophenol

Concen: 19.761 ng/ul

RT: 10.06 min Scan# 1185

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

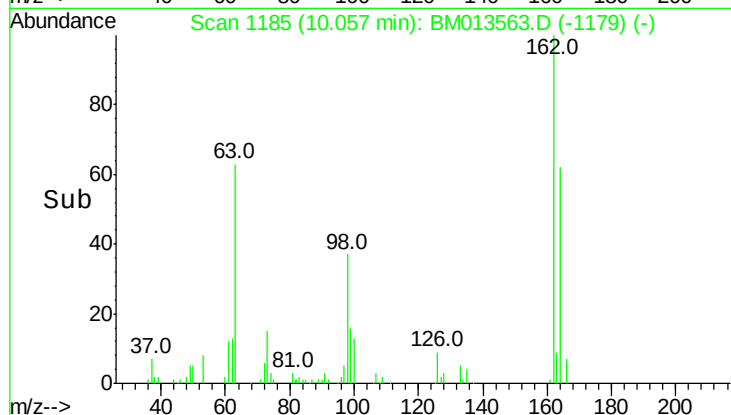
Tot Ion:162 Resp: 180150

Ion Ratio Lower Upper

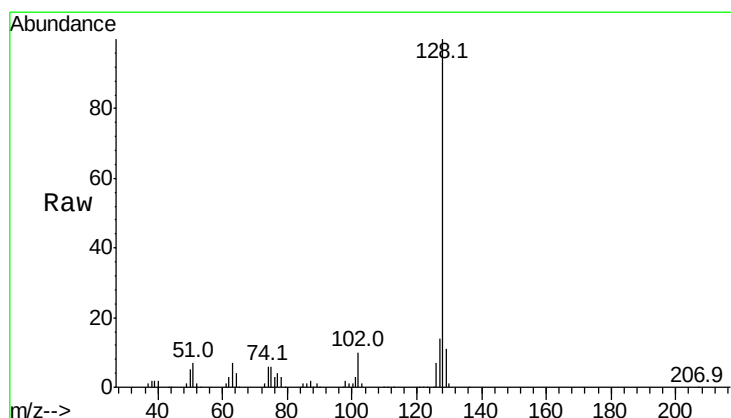
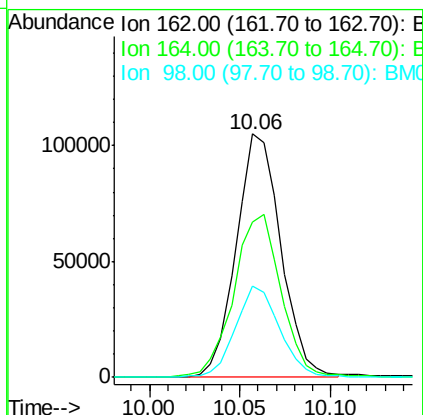
162 100

164 63.8 47.8 71.6

98 37.3 23.0 34.4#



Scan 1185 (10.057 min): BM013563.D (-1179) (-)



#28

Naphthalene

Concen: 20.485 ng/ul

RT: 10.46 min Scan# 1253

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

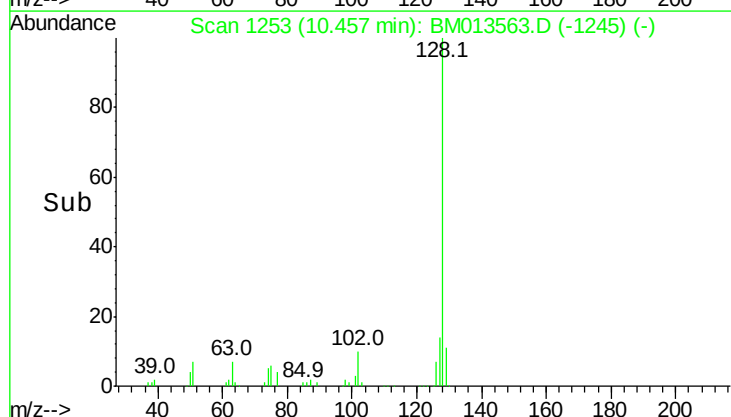
Tgt Ion:128 Resp: 608646

Ion Ratio Lower Upper

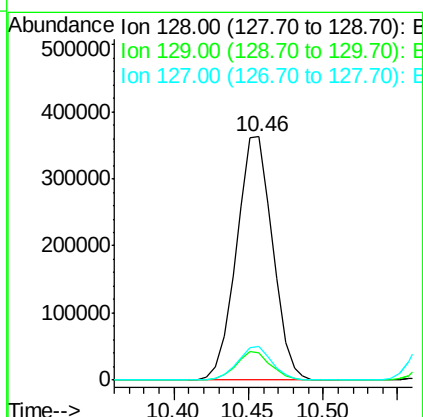
128 100

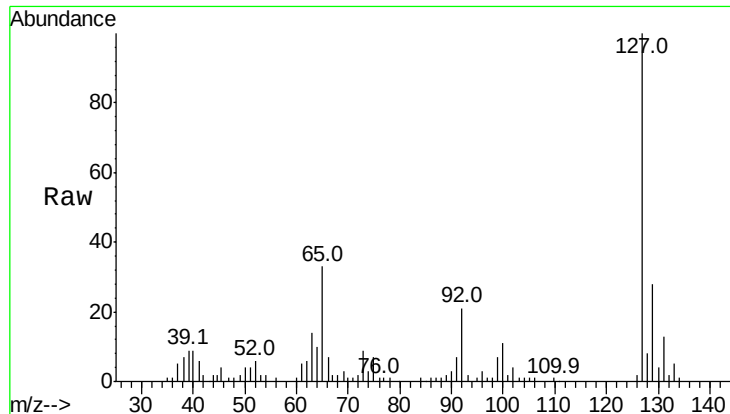
129 11.1 8.8 13.2

127 14.0 10.6 16.0



Scan 1253 (10.457 min): BM013563.D (-1245) (-)

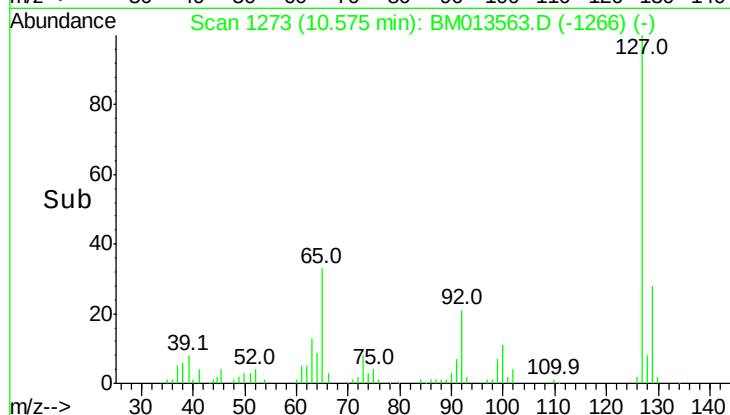




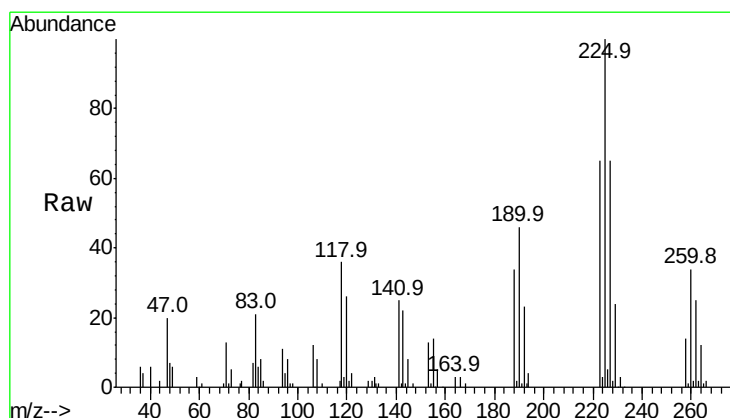
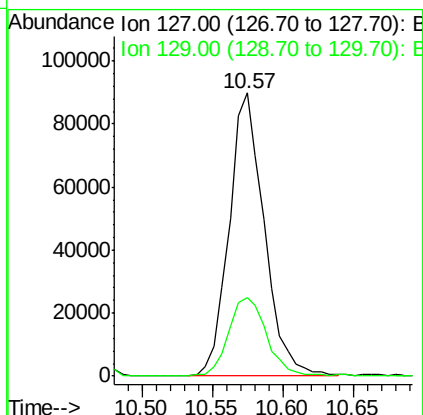
#30
 4-Chloroaniline
 Concen: 19.130 ng/ul
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Tot Ion:127 Resp: 155682
 Ion Ratio Lower Upper
 127 100
 129 27.6 28.4 42.6#

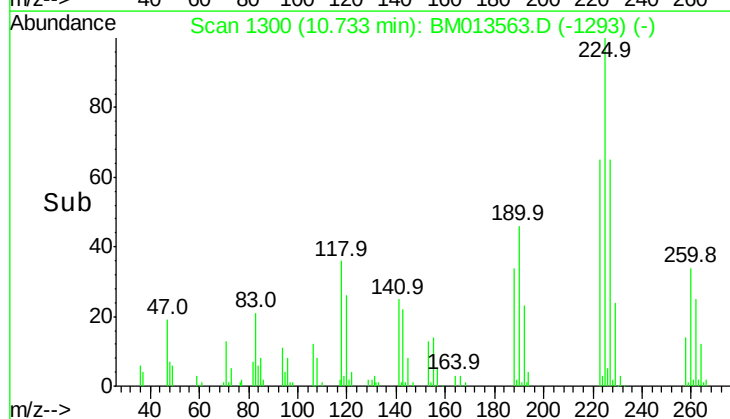


Scan 1273 (10.575 min): BM013563.D (-1266) (-)

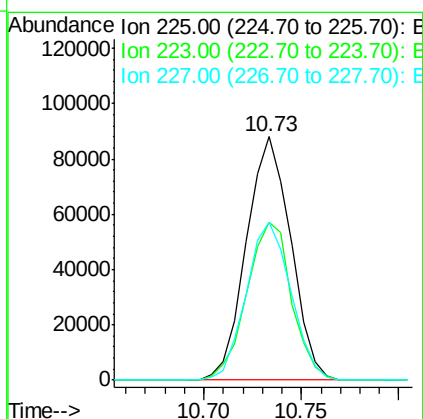


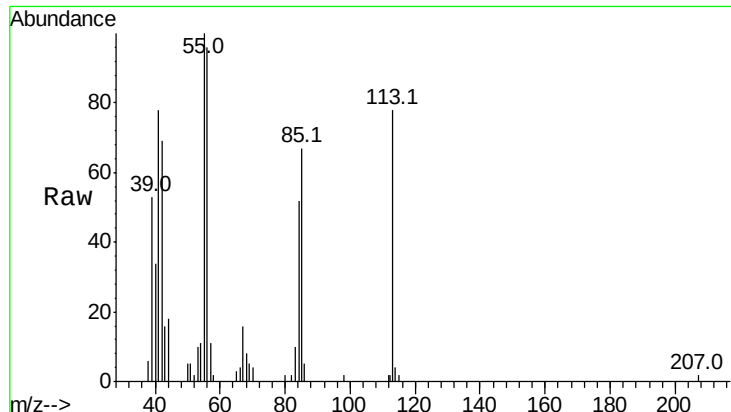
#31
 Hexachlorobutadiene
 Concen: 18.570 ng/ul
 RT: 10.73 min Scan# 1300
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:225 Resp: 138966
 Ion Ratio Lower Upper
 225 100
 223 65.0 49.4 74.2
 227 65.0 45.4 68.2



Scan 1300 (10.733 min): BM013563.D (-1293) (-)

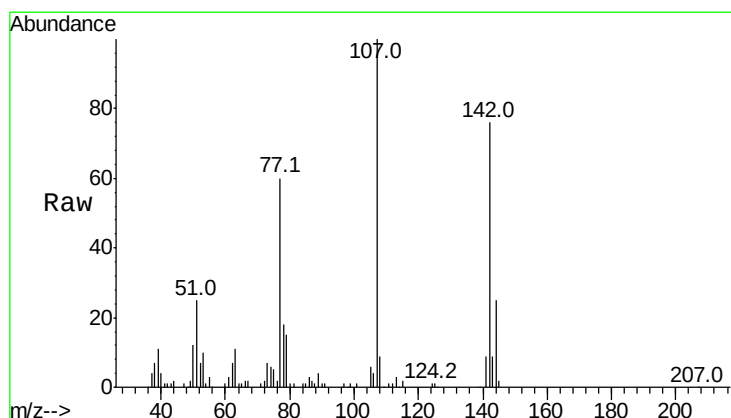
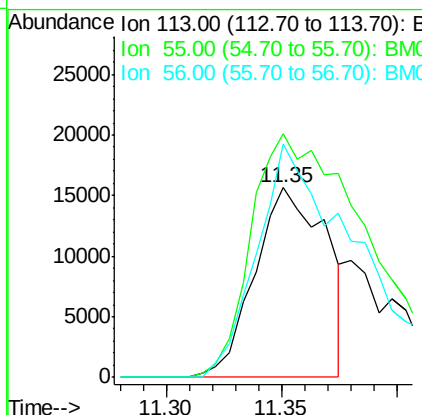
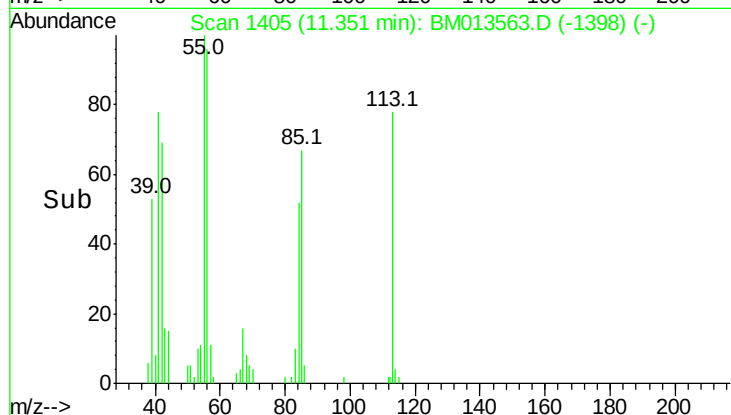




#32
 Caprolactam
 Concen: 13.331 ng/ul
 RT: 11.35 min Scan# 1405
 Delta R.T. -0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

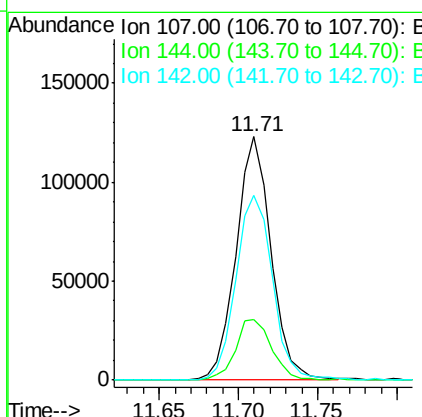
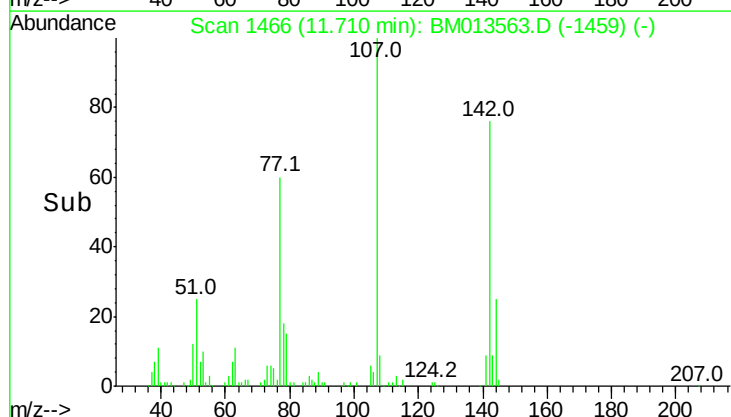
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

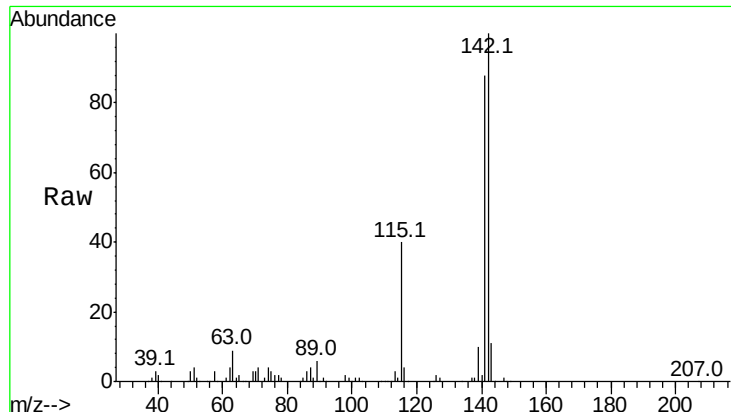
Tot Ion:113 Resp: 33809
 Ion Ratio Lower Upper
 113 100
 55 128.6 208.0 312.0#
 56 123.1 160.0 240.0#



#33
 4-Chloro-3-methylphenol
 Concen: 20.387 ng/ul
 RT: 11.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:107 Resp: 188408
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 76.1 60.5 90.7





#34

2-Methylnaphthalene

Concen: 19.992 ng/ul

RT: 12.07 min Scan# 1528

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

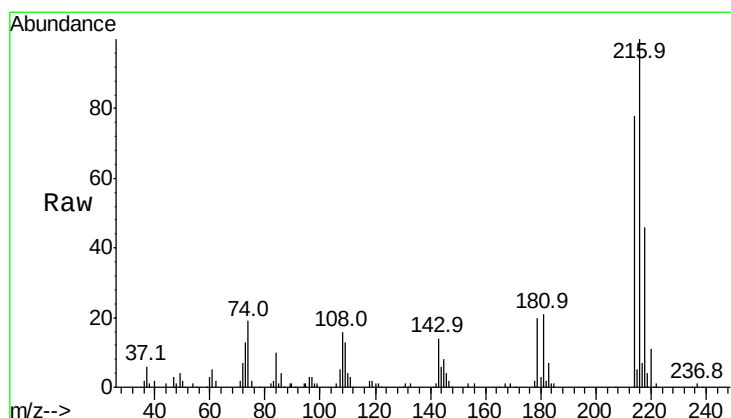
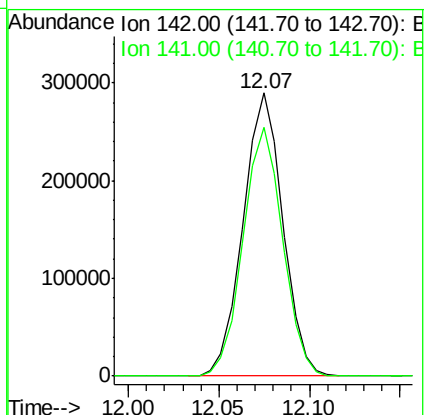
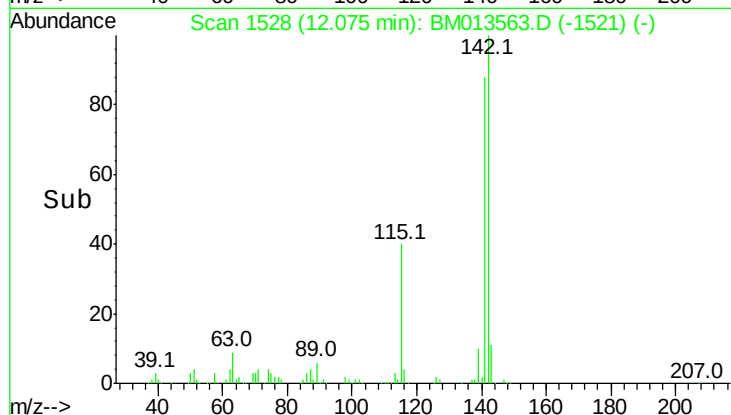
SICV014

Tot Ion:142 Resp: 442870

Ion Ratio Lower Upper

142 100

141 87.8 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.450 ng/ul

RT: 12.45 min Scan# 1592

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Tgt Ion:216 Resp: 257246

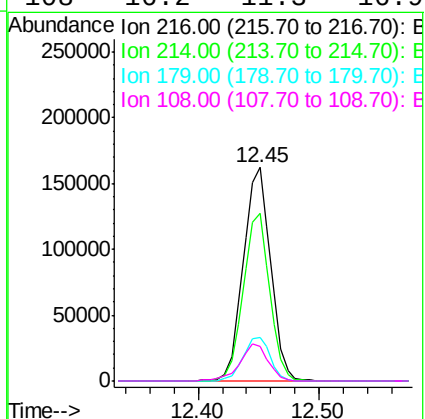
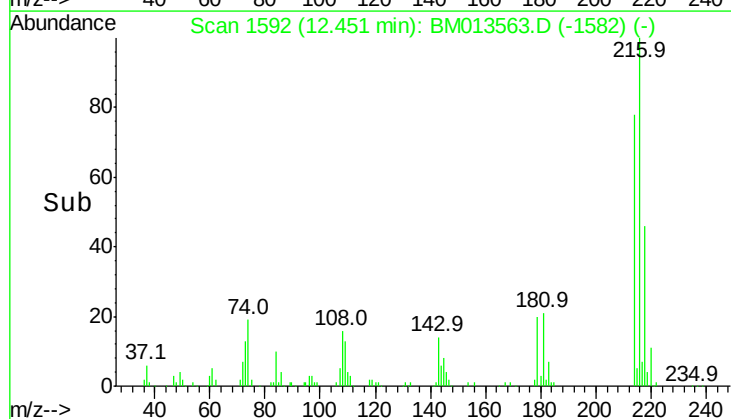
Ion Ratio Lower Upper

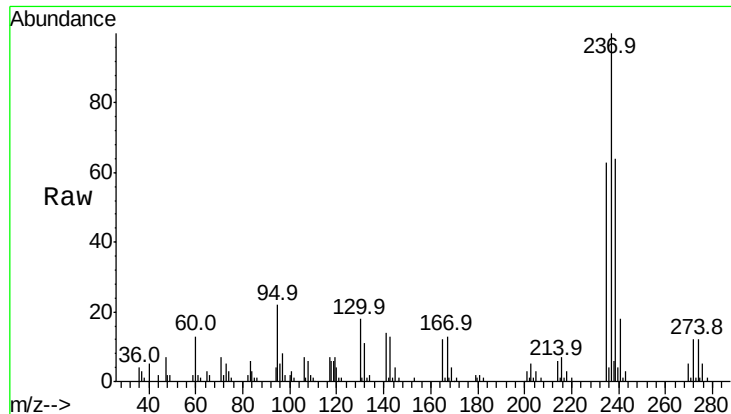
216 100

214 78.3 60.6 90.8

179 20.3 17.5 26.3

108 16.2 11.3 16.9

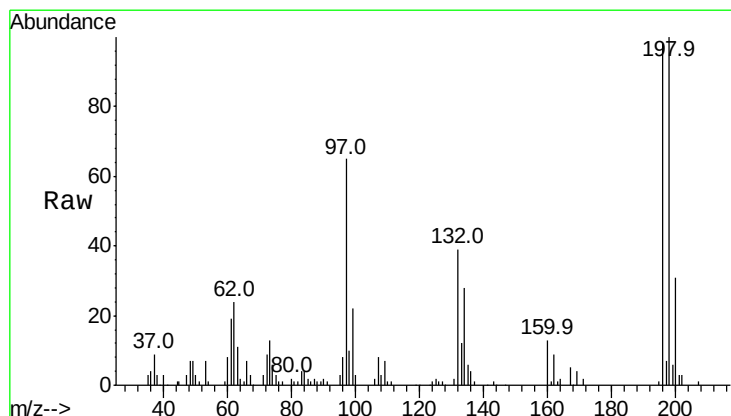
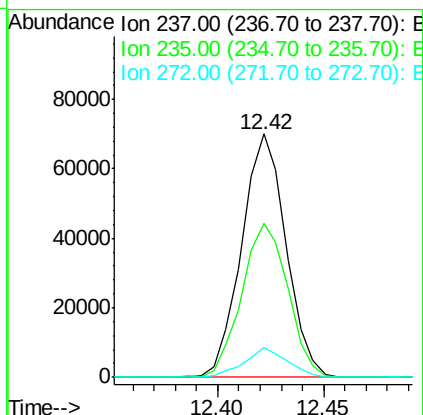
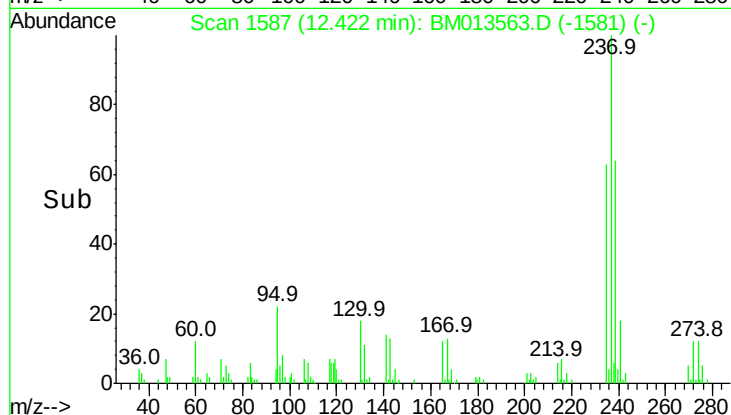




#37
Hexachlorocyclopentadiene
Concen: 19.567 ng/ul
RT: 12.42 min Scan# 1587
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

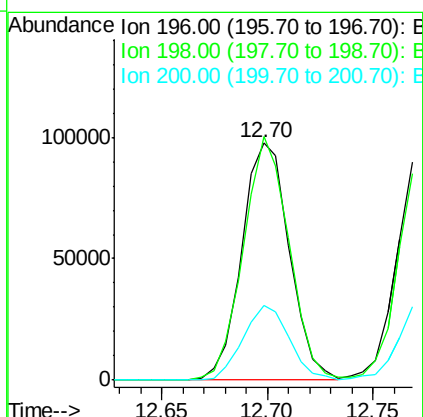
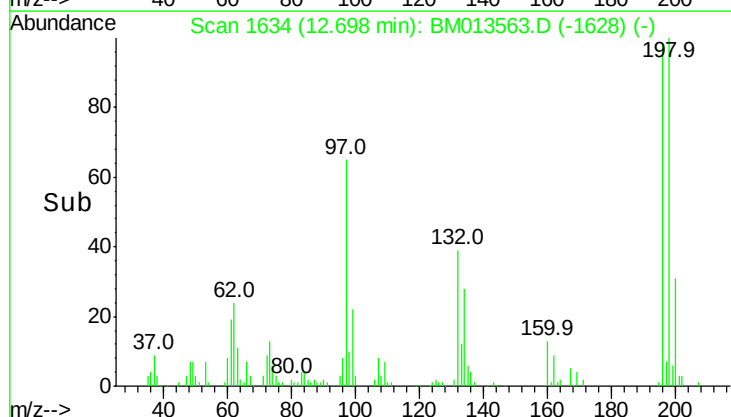
Instrument :
BNA_M
ClientSampleId :
SICV014

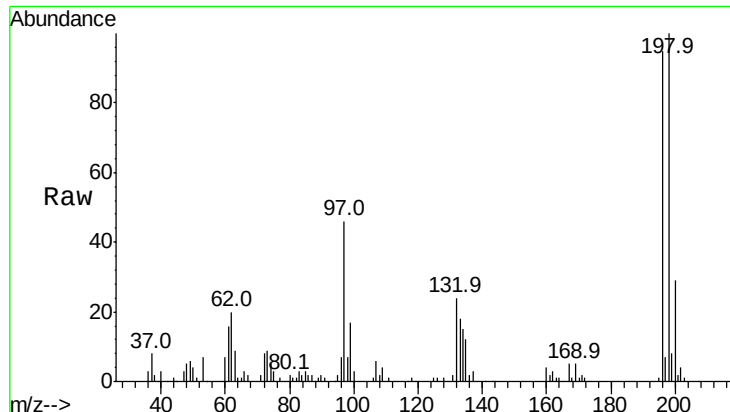
Tot Ion:237 Resp: 102183
Ion Ratio Lower Upper
237 100
235 63.2 50.2 75.4
272 13.0 11.0 16.6



#38
2,4,6-Trichlorophenol
Concen: 20.911 ng/ul
RT: 12.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BM013563.D
Acq: 10 Jan 2018 13:18

Tgt Ion:196 Resp: 152256
Ion Ratio Lower Upper
196 100
198 102.6 74.1 111.1
200 31.3 25.2 37.8

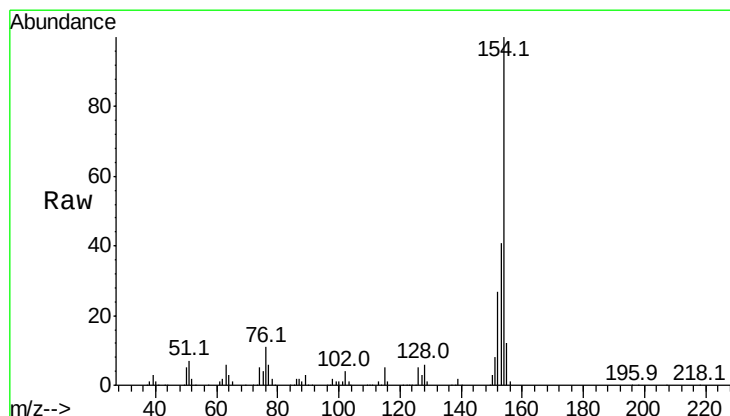
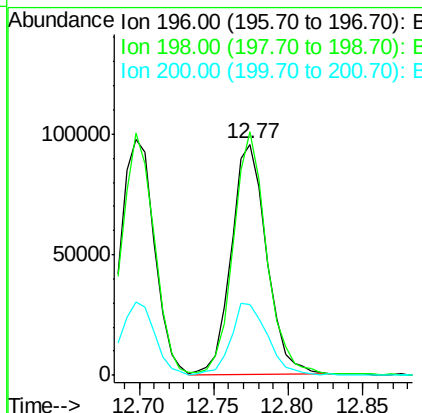
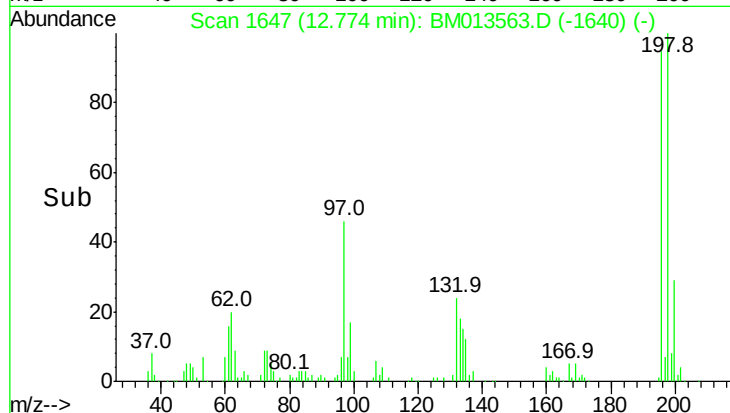




#39
 2,4,5-Trichlorophenol
 Concen: 20.837 ng/ul
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

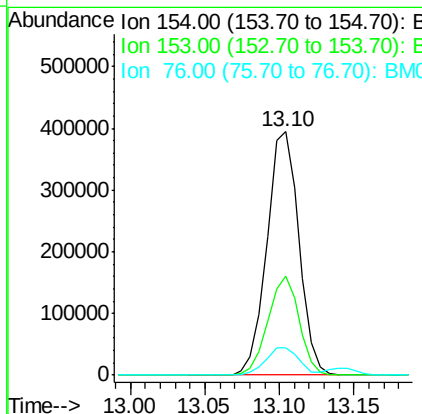
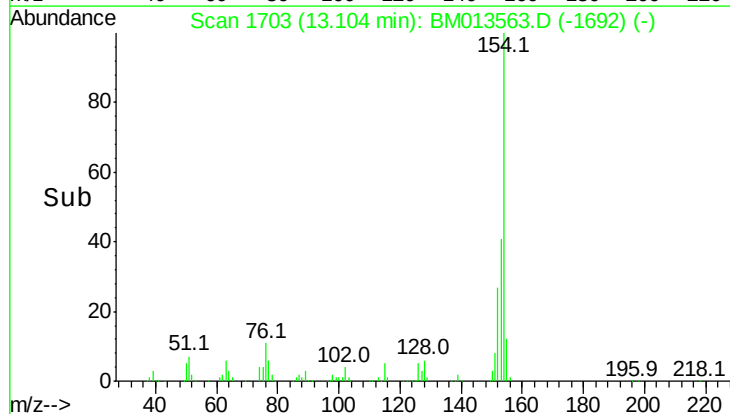
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

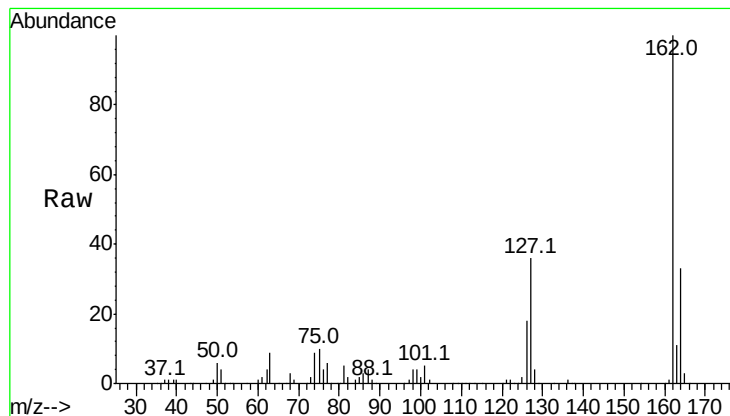
Tot Ion:	196	Resp:	157874
Ion	Ratio	Lower	Upper
196	100		
198	105.5	75.6	113.4
200	30.6	25.5	38.3



#40
 1,1'-Biphenyl
 Concen: 20.851 ng/ul
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:	154	Resp:	589222
Ion	Ratio	Lower	Upper
154	100		
153	40.7	32.6	48.8
76	11.4	8.5	12.7





#41

2-Chloronaphthalene

Concen: 20.795 ng/ul

RT: 13.15 min Scan# 1710

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

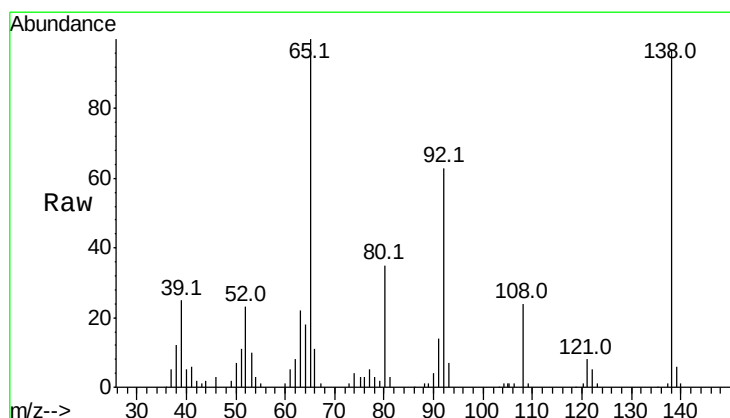
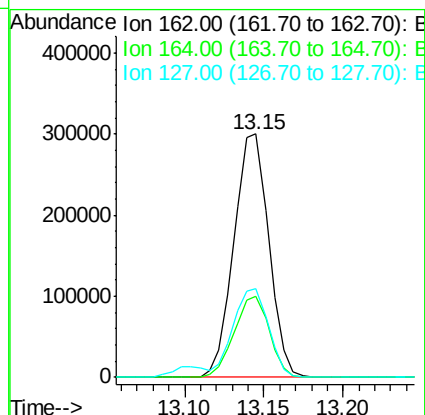
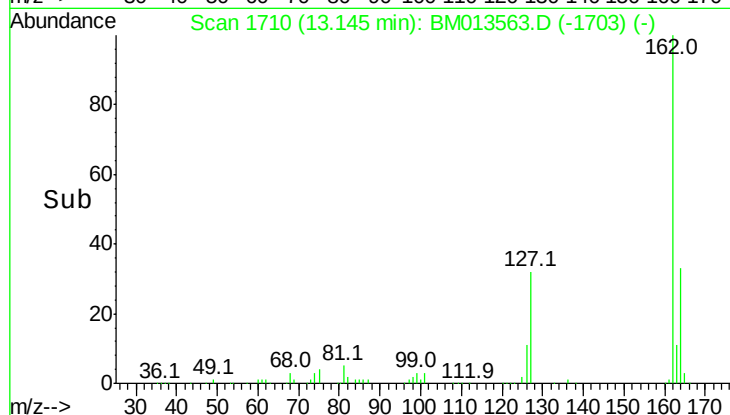
Tot Ion:162 Resp: 459366

Ion Ratio Lower Upper

162 100

164 33.5 25.9 38.9

127 36.5 29.4 44.2



#42

2-Nitroaniline

Concen: 20.537 ng/ul

RT: 13.36 min Scan# 1747

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

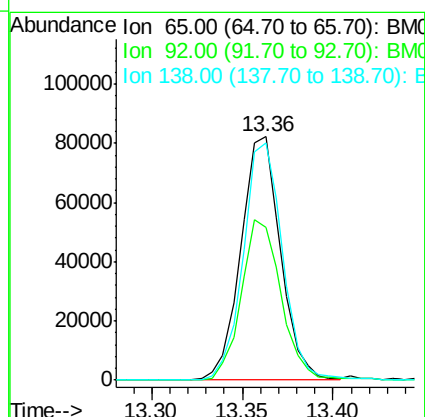
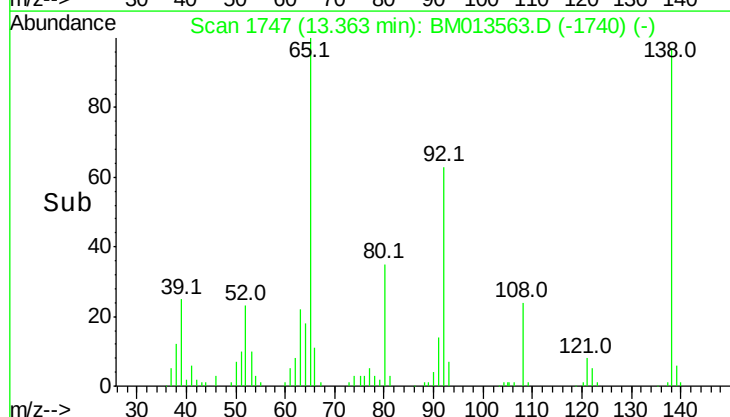
Tgt Ion: 65 Resp: 125139

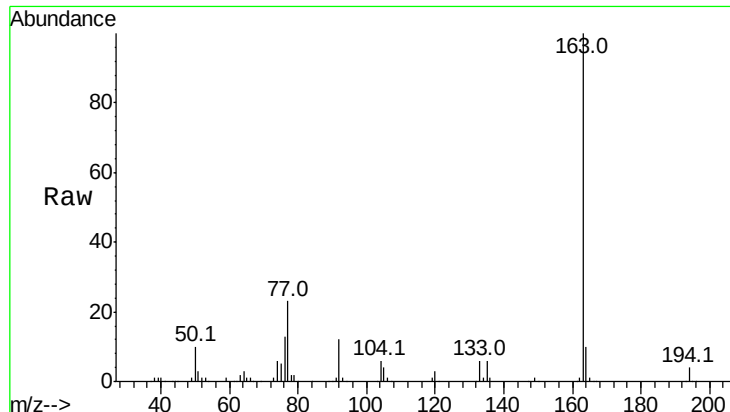
Ion Ratio Lower Upper

65 100

92 62.9 51.8 77.6

138 97.5 74.2 111.4





#44

Dimethylphthalate

Concen: 19.549 ng/ul

RT: 13.74 min Scan# 1811

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

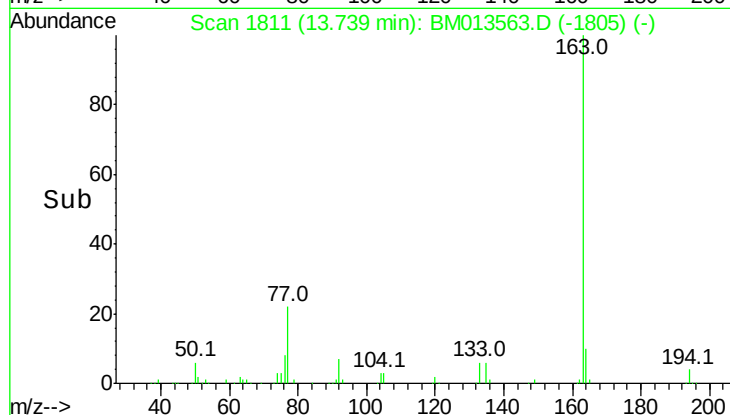
Tot Ion:163 Resp: 537787

Ion Ratio Lower Upper

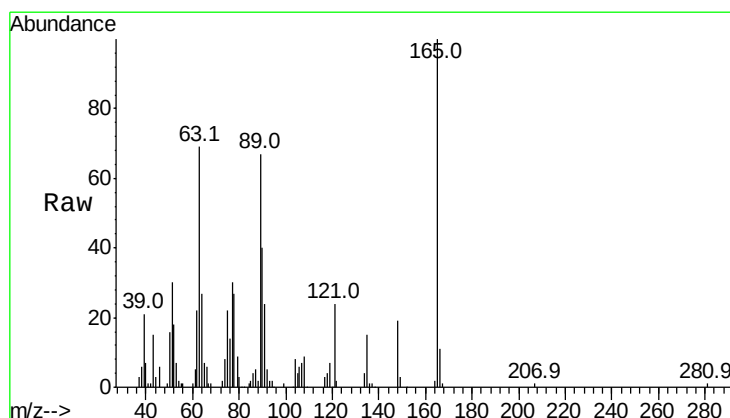
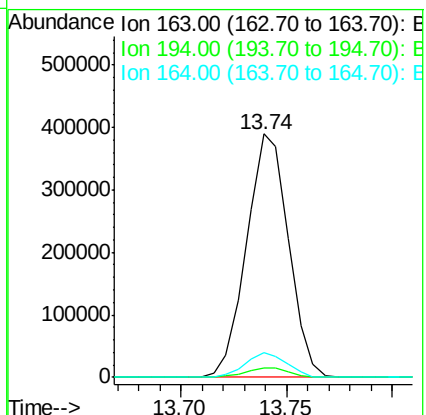
163 100

194 3.8 3.5 5.3

164 10.3 8.2 12.4



Scan 1811 (13.739 min): BM013563.D (-1805) (-)



#45

2,6-Dinitrotoluene

Concen: 20.807 ng/ul

RT: 13.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

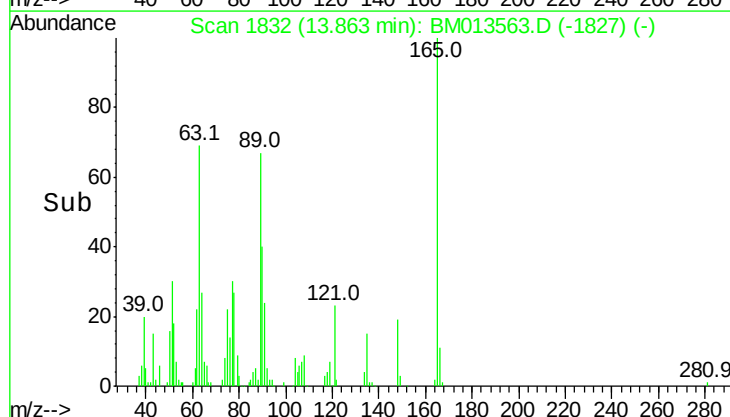
Tgt Ion:165 Resp: 110923

Ion Ratio Lower Upper

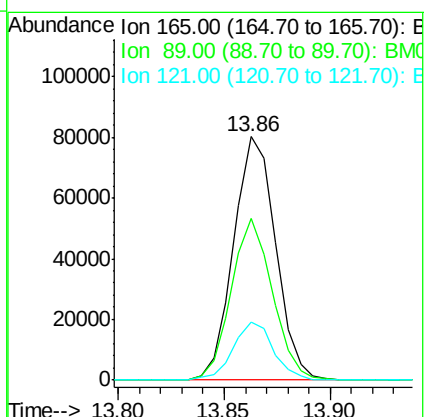
165 100

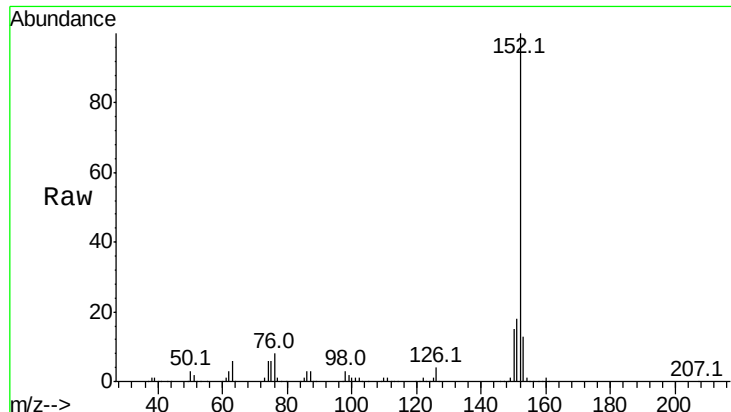
89 66.6 52.6 79.0

121 23.9 14.6 22.0#



Scan 1832 (13.863 min): BM013563.D (-1827) (-)





#47

Acenaphthylene

Concen: 20.640 ng/ul

RT: 14.00 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

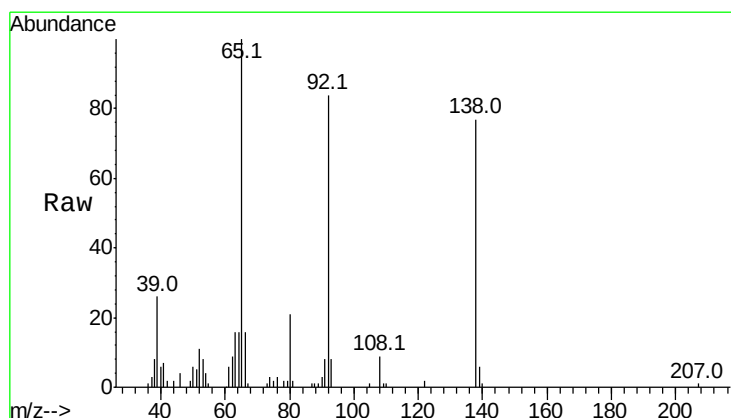
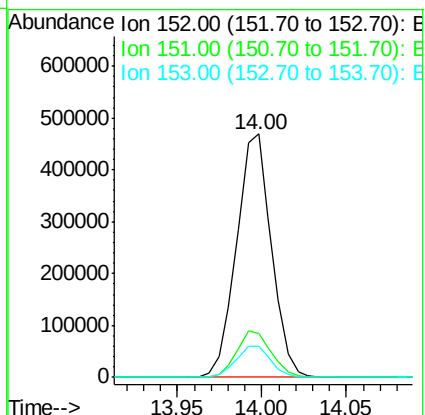
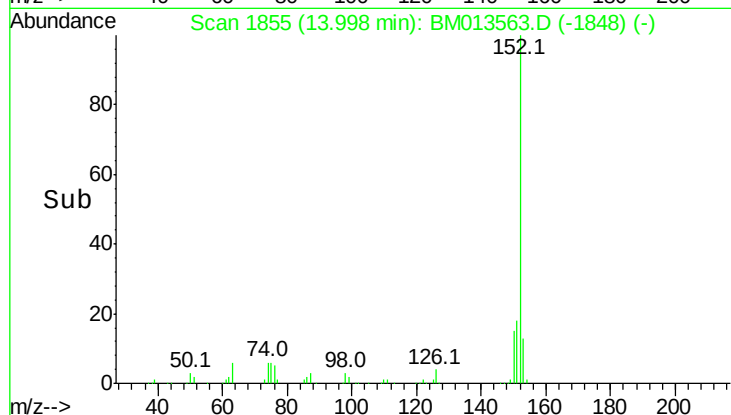
Tot Ion:152 Resp: 673805

Ion Ratio Lower Upper

152 100

151 18.3 16.3 24.5

153 12.9 10.2 15.4



#48

3-Nitroaniline

Concen: 18.813 ng/ul

RT: 14.20 min Scan# 1889

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

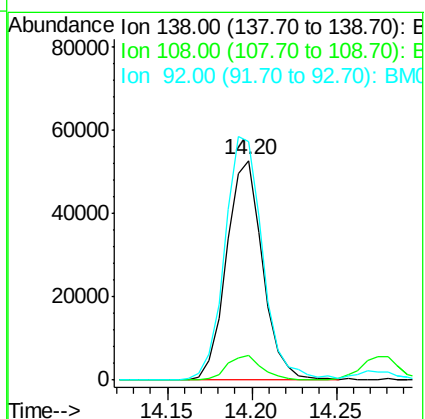
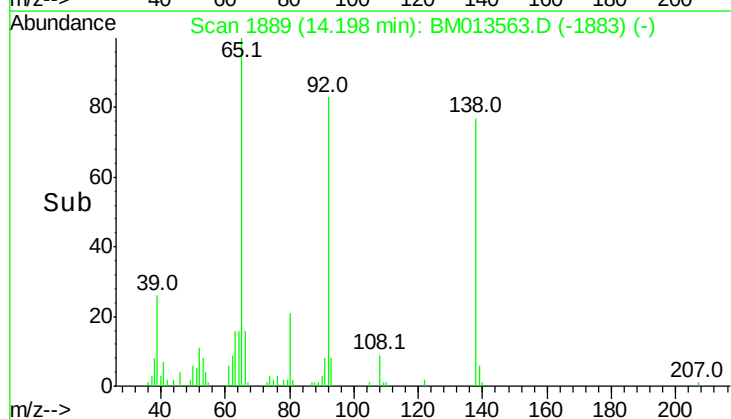
Tgt Ion:138 Resp: 78876

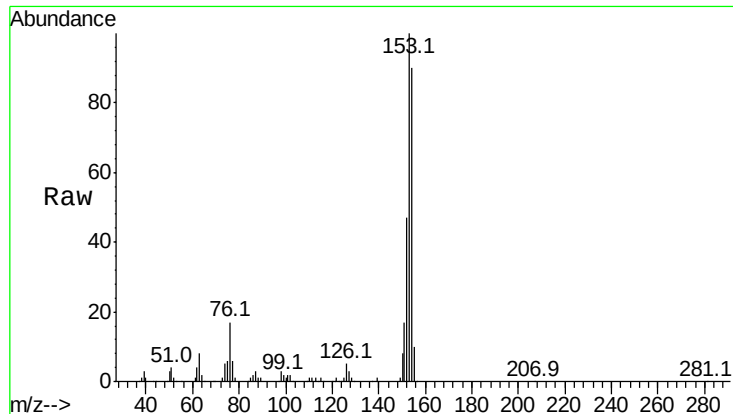
Ion Ratio Lower Upper

138 100

108 11.2 9.9 14.9

92 108.6 105.0 157.4





#49

Acenaphthene

Concen: 20.127 ng/ul

RT: 14.34 min Scan# 1913

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

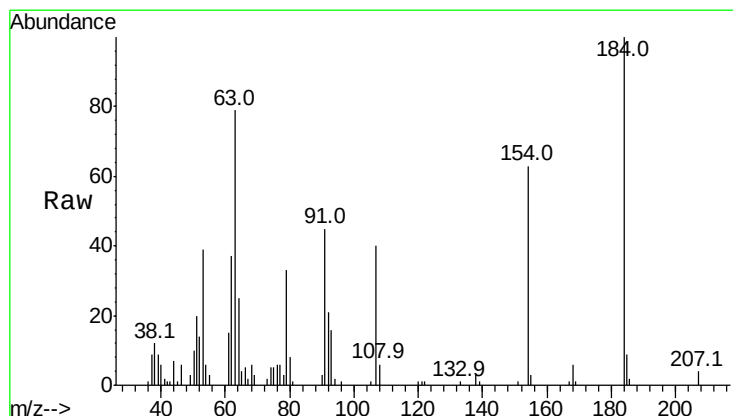
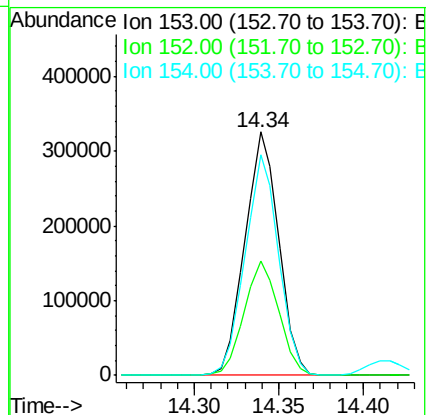
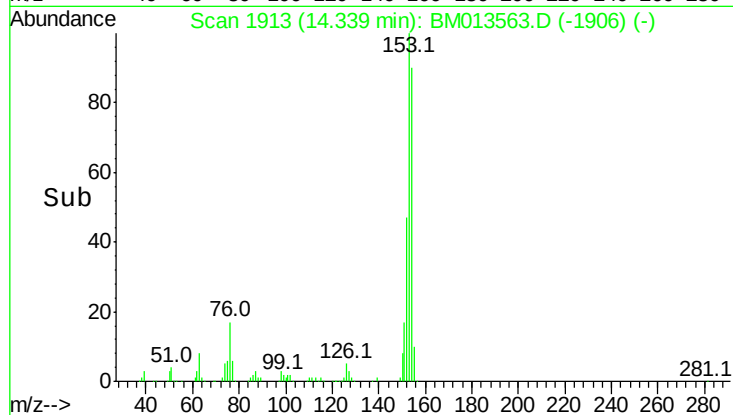
Tot Ion:153 Resp: 455064

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

154 90.5 70.4 105.6



#50

2,4-Dinitrophenol

Concen: 17.378 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

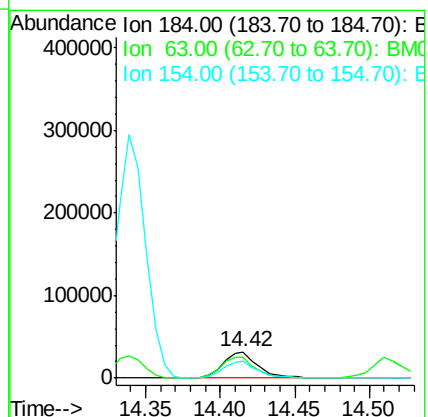
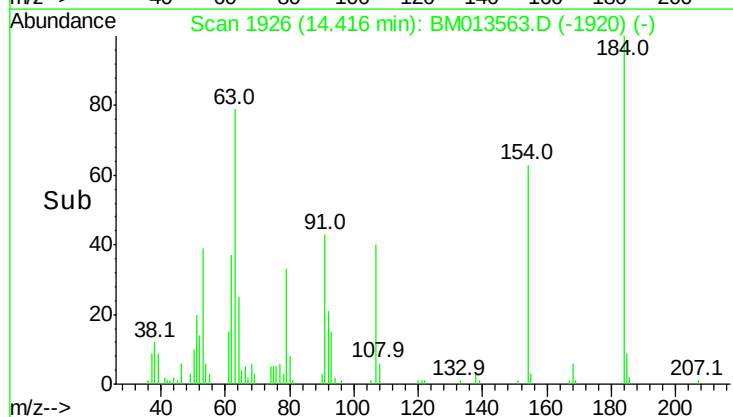
Tgt Ion:184 Resp: 53107

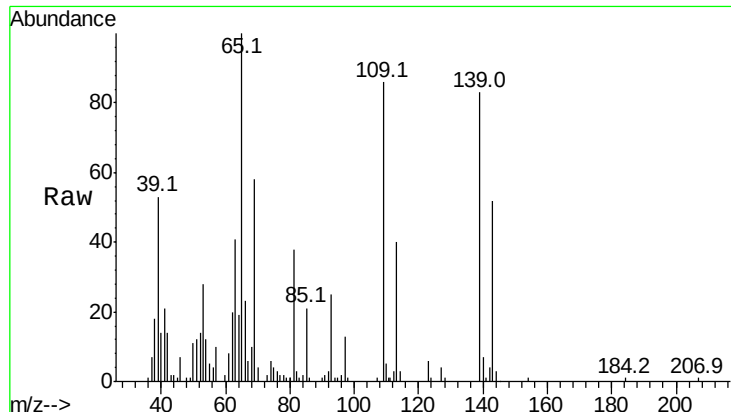
Ion Ratio Lower Upper

184 100

63 78.6 50.1 75.1#

154 62.7 54.5 81.7





#52

4-Nitrophenol

Concen: 17.685 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

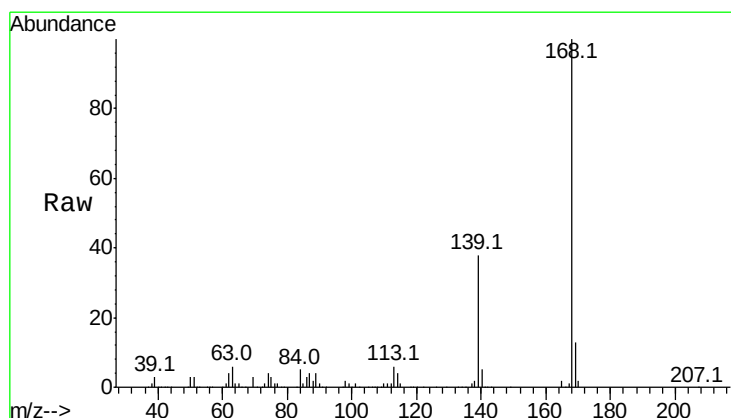
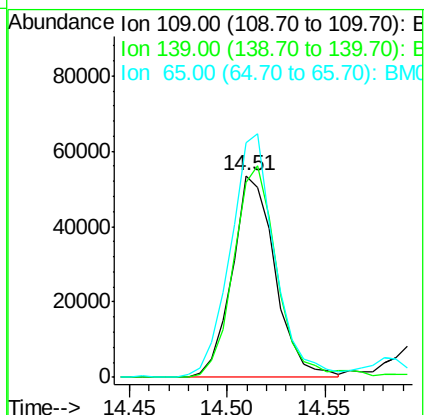
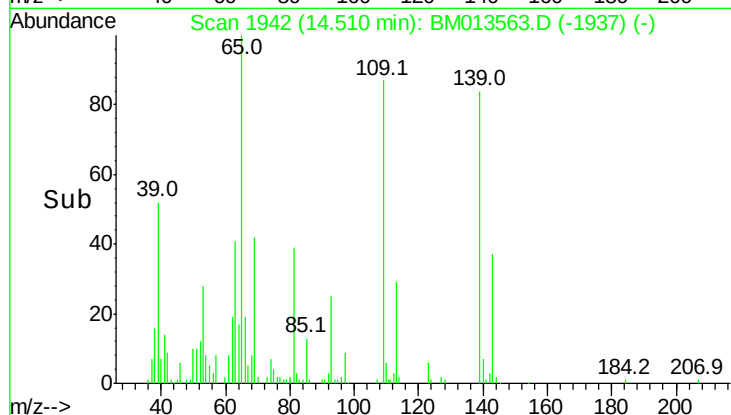
Tot Ion:109 Resp: 81689

Ion Ratio Lower Upper

109 100

139 97.0 80.0 120.0

65 116.5 120.0 180.0#



#53

Dibenzofuran

Concen: 19.616 ng/ul

RT: 14.68 min Scan# 1971

Delta R.T. 0.01 min

Lab File: BM013563.D

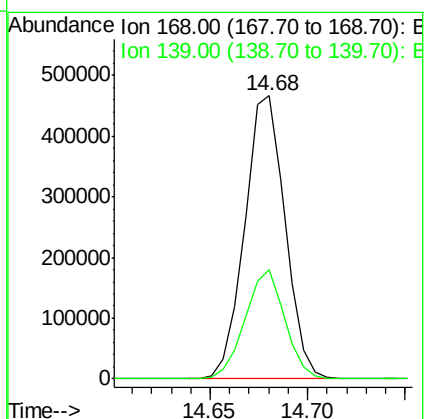
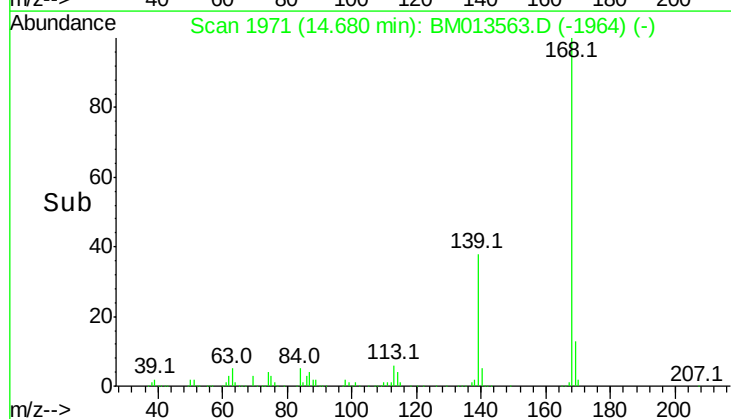
Acq: 10 Jan 2018 13:18

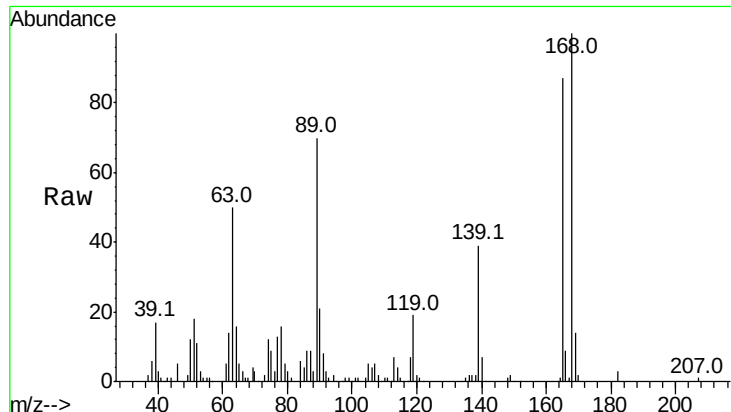
Tgt Ion:168 Resp: 667208

Ion Ratio Lower Upper

168 100

139 38.5 30.8 46.2

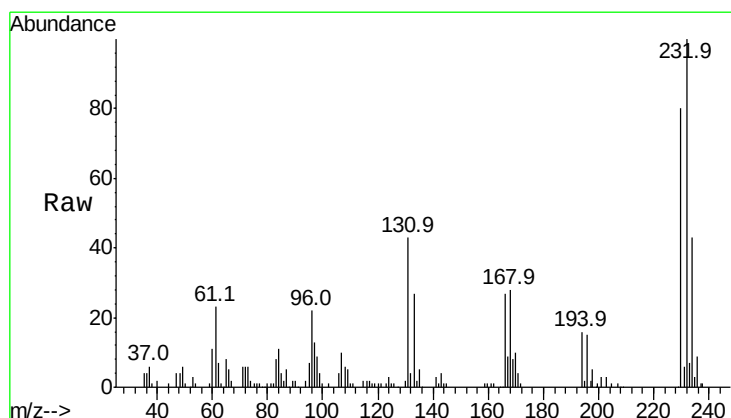
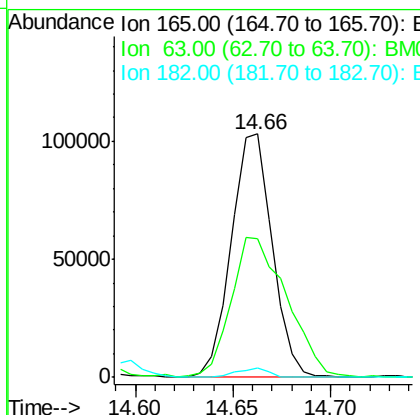
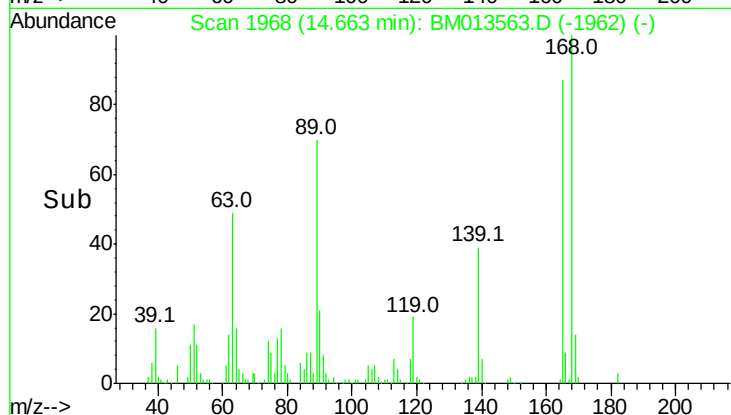




#54
 2,4-Dinitrotoluene
 Concen: 19.277 ng/ul
 RT: 14.66 min Scan# 1968
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

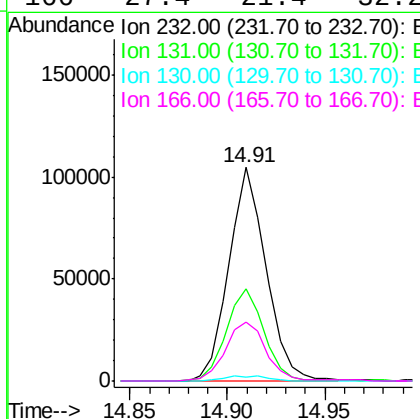
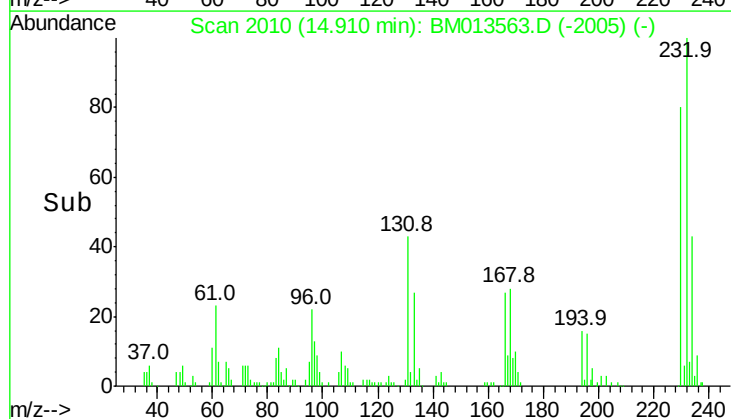
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

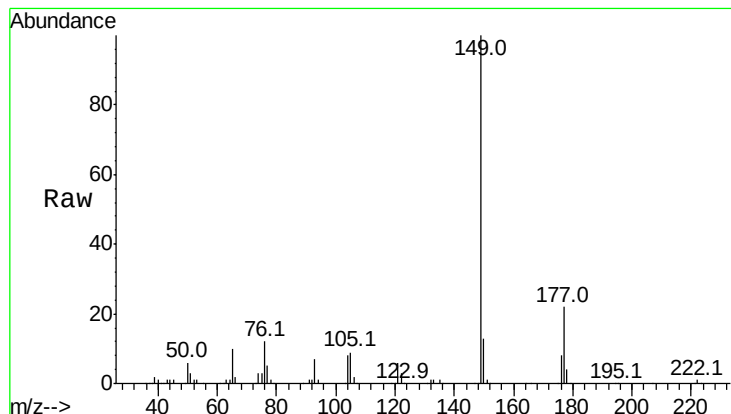
Tot Ion:165 Resp: 149802
 Ion Ratio Lower Upper
 165 100
 63 56.8 45.8 68.8
 182 3.7 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.451 ng/ul
 RT: 14.91 min Scan# 2010
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:232 Resp: 138613
 Ion Ratio Lower Upper
 232 100
 131 43.4 29.0 43.4
 130 2.1 2.0 3.0
 166 27.4 21.4 32.2



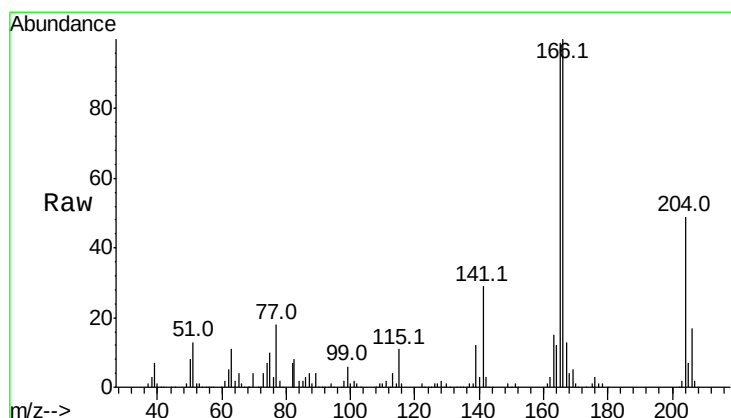
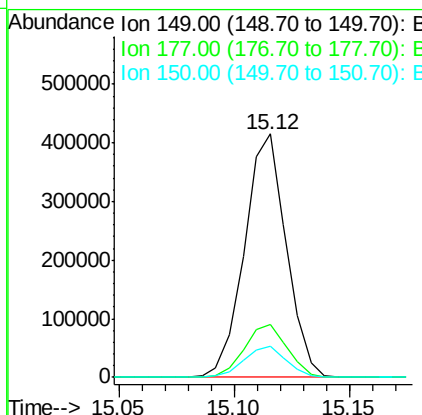
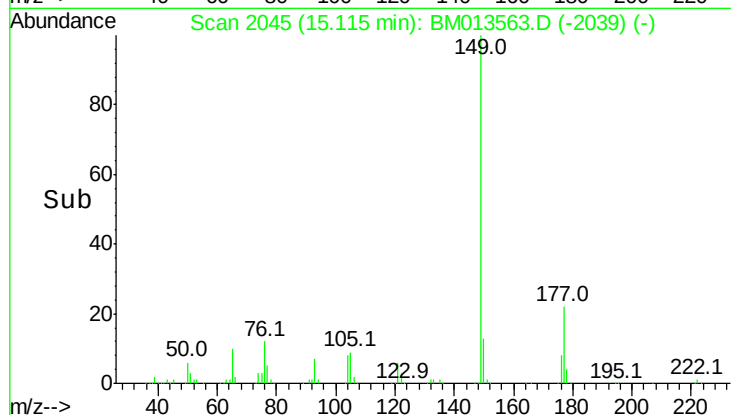


#56
 Diethylphthalate
 Concen: 18.930 ng/ul
 RT: 15.12 min Scan# 2045
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Tot Ion:149 Resp: 524075

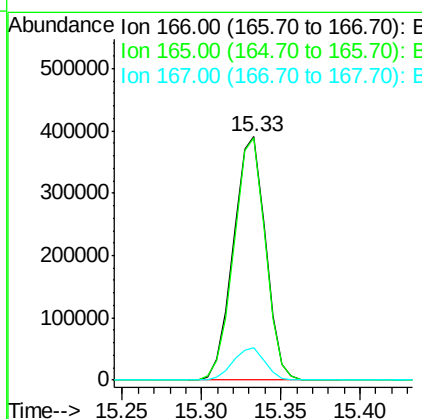
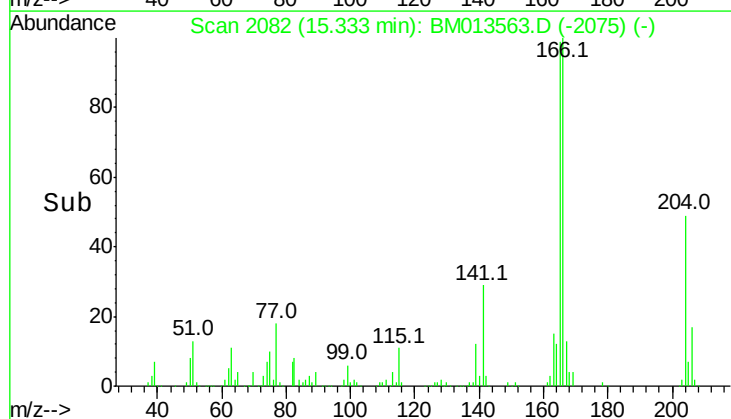
Ion	Ratio	Lower	Upper
149	100		
177	21.6	20.5	30.7
150	12.8	10.6	15.8

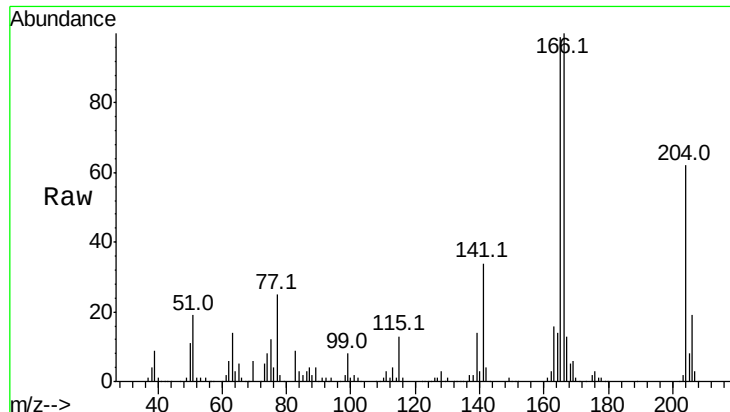


#58
 Fluorene
 Concen: 19.676 ng/ul
 RT: 15.33 min Scan# 2082
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:166 Resp: 548210

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.9	116.9
167	13.1	10.6	16.0

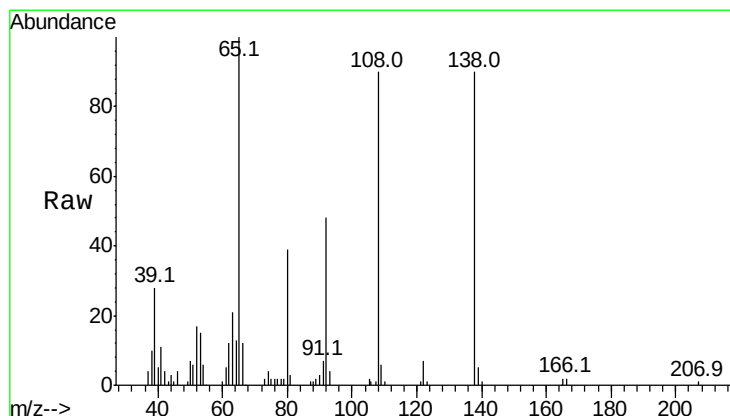
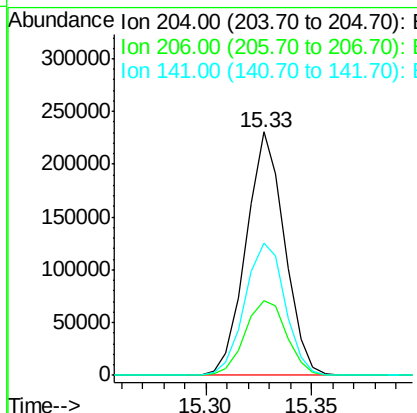
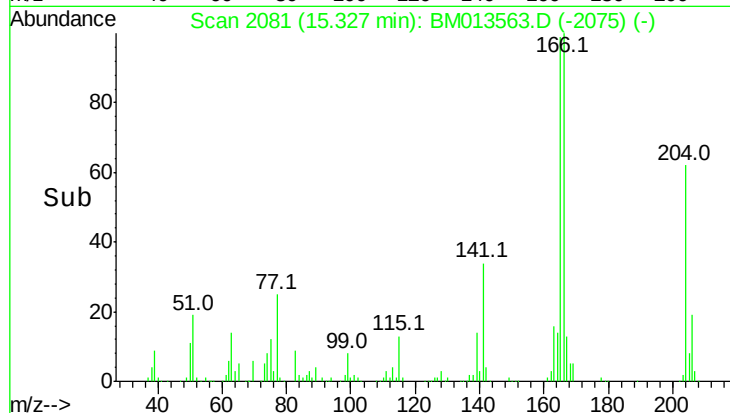




#59
 4-Chlorophenyl-phenylether
 Concen: 19.408 ng/ul
 RT: 15.33 min Scan# 2081
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

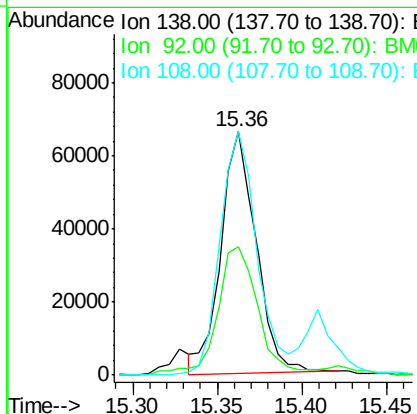
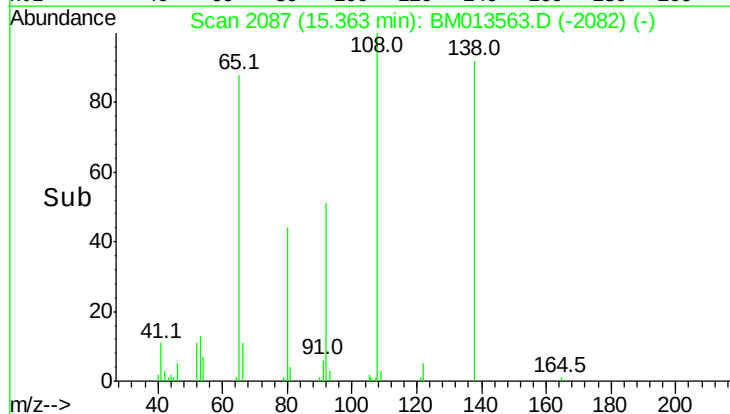
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

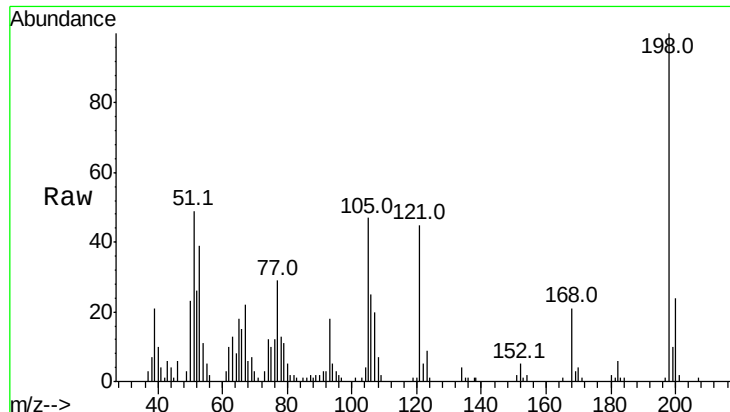
Tot Ion:	204	Resp:	292190
Ion Ratio	Lower	Upper	
204	100		
206	30.8	24.8	37.2
141	54.2	44.3	66.5



#60
 4-Nitroaniline
 Concen: 19.588 ng/ul
 RT: 15.36 min Scan# 2087
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:	138	Resp:	96088
Ion Ratio	Lower	Upper	
138	100		
92	52.8	40.0	60.0
108	100.0	80.0	120.0

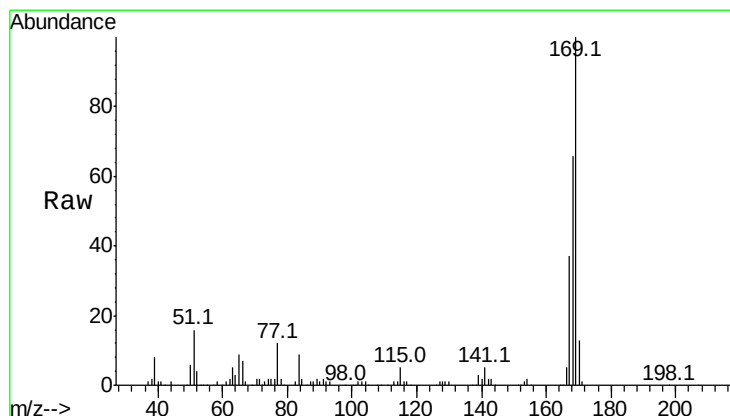
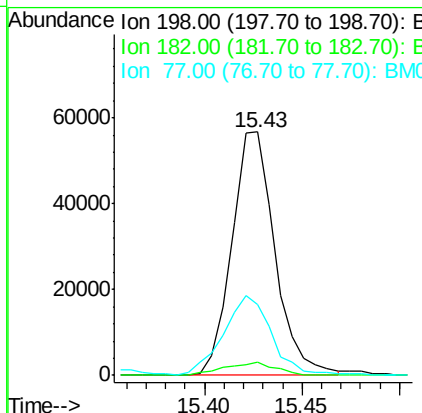
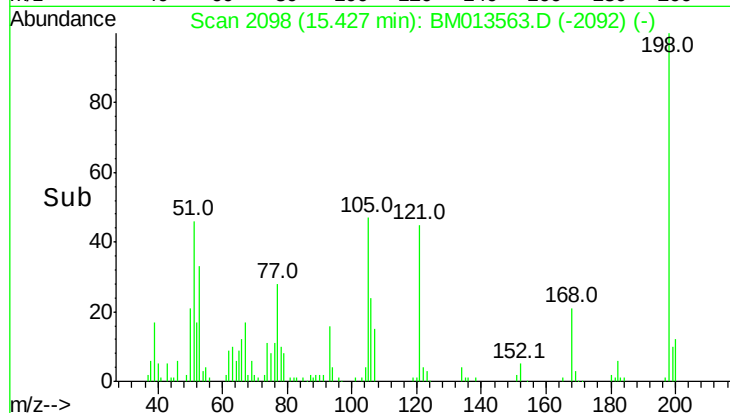




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.946 ng/ul
 RT: 15.43 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

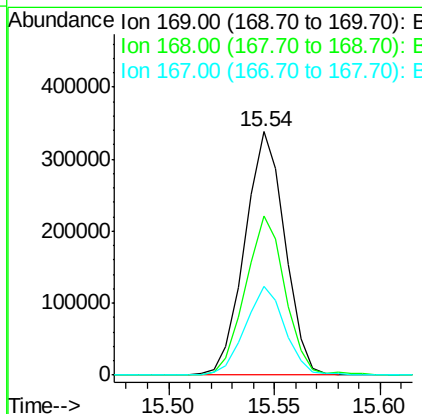
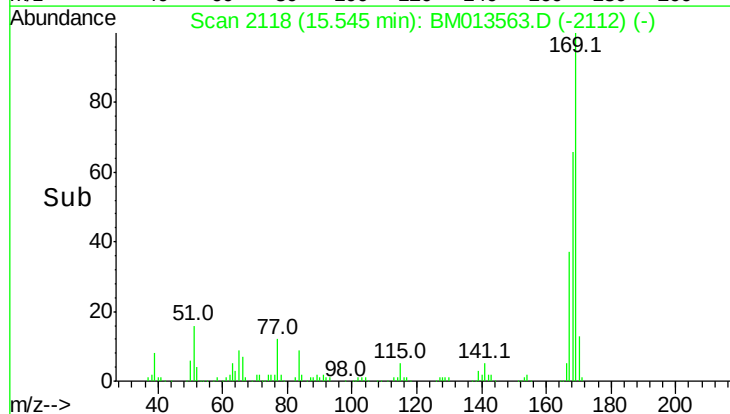
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

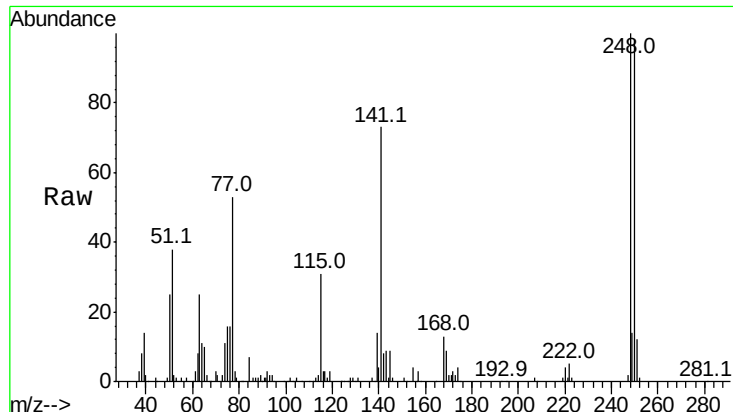
Tot Ion:198 Resp: 87056
 Ion Ratio Lower Upper
 198 100
 182 5.6 3.8 5.6#
 77 29.2 25.2 37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.941 ng/ul
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:169 Resp: 445438
 Ion Ratio Lower Upper
 169 100
 168 65.5 54.0 81.0
 167 36.5 29.1 43.7

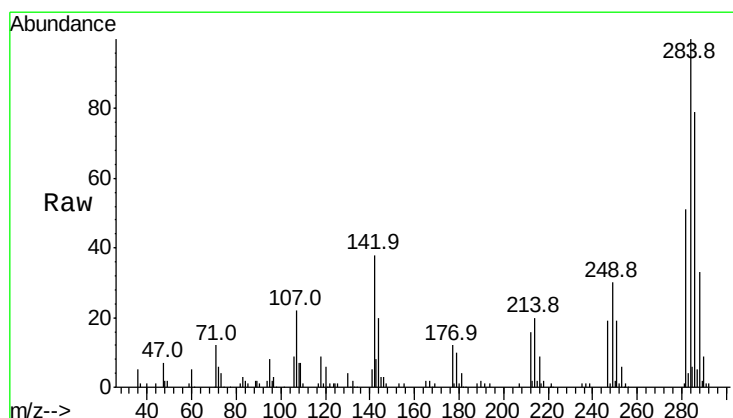
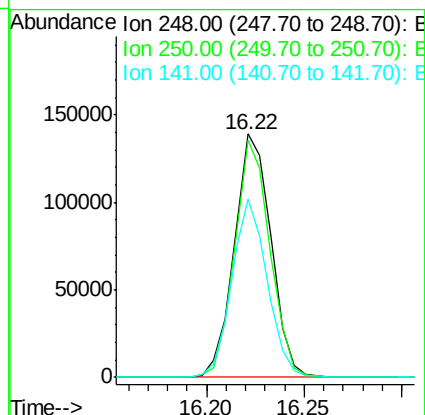
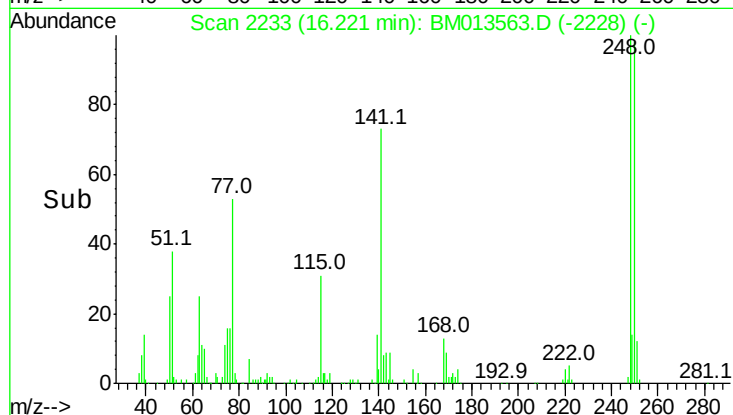




#65
 4-Bromophenyl-phenylether
 Concen: 21.206 ng/ul
 RT: 16.22 min Scan# 2233
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

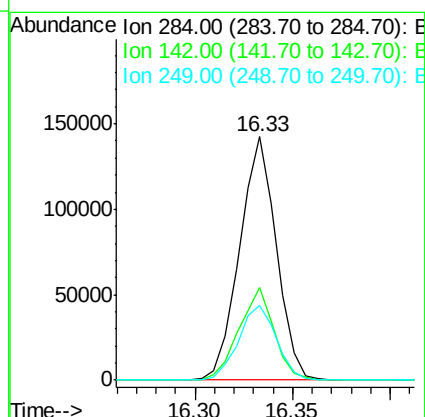
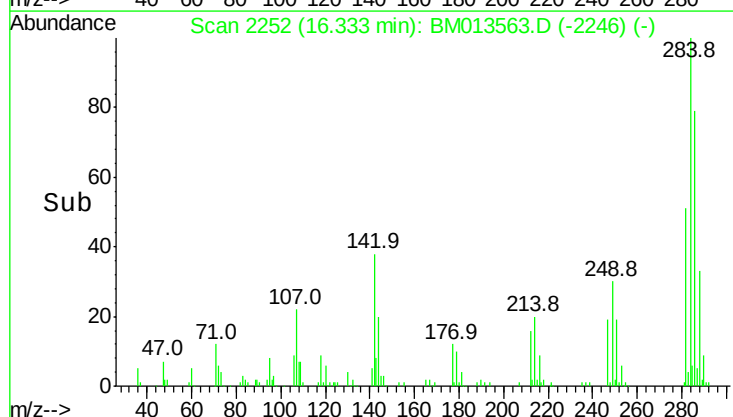
Instrument :
 BNA_M
 ClientSampled :
 SICV014

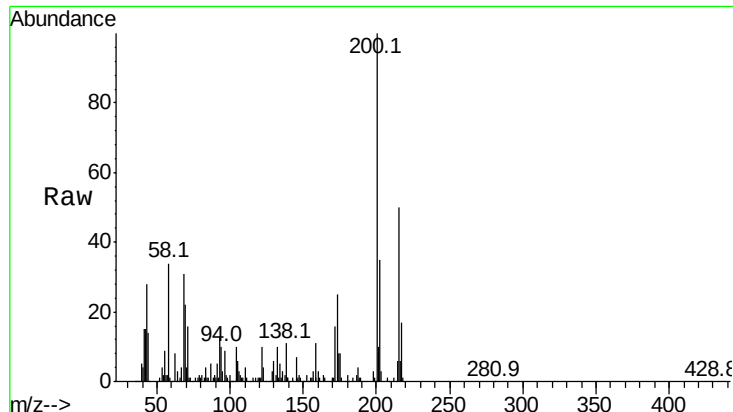
Tot Ion:248 Resp: 181144
 Ion Ratio Lower Upper
 248 100
 250 97.6 80.5 120.7
 141 73.4 53.6 80.4



#66
 Hexachlorobenzene
 Concen: 20.174 ng/ul
 RT: 16.33 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:284 Resp: 185492
 Ion Ratio Lower Upper
 284 100
 142 37.8 21.2 31.8#
 249 30.5 24.5 36.7





#67

Atrazine

Concen: 19.052 ng/ul

RT: 16.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

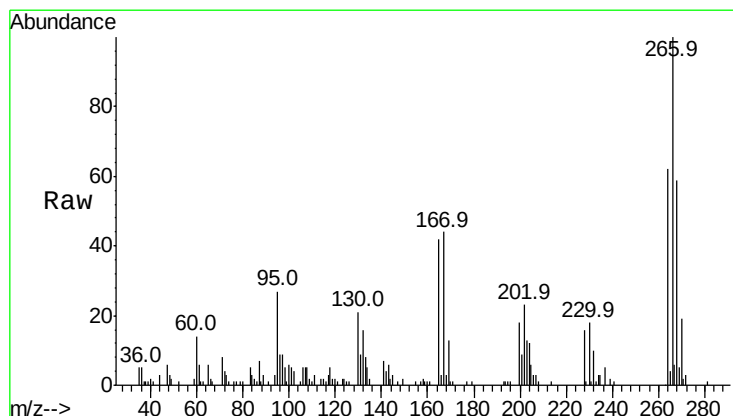
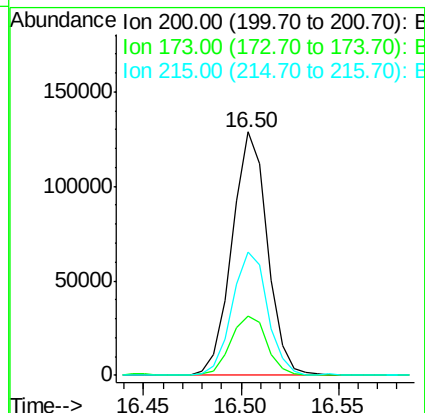
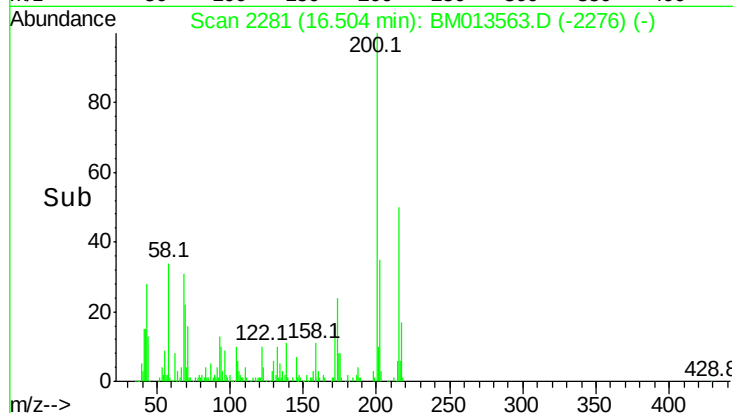
Tot Ion:200 Resp: 161742

Ion Ratio Lower Upper

200 100

173 24.5 18.2 27.2

215 50.5 35.0 52.4



#68

Pentachlorophenol

Concen: 18.956 ng/ul

RT: 16.69 min Scan# 2312

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

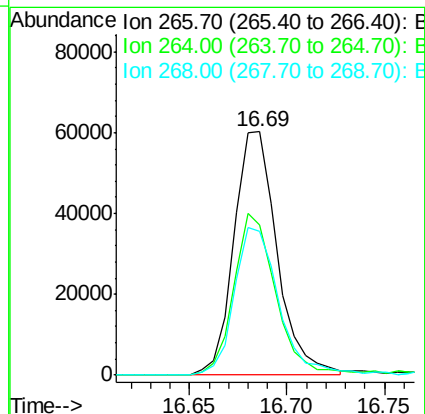
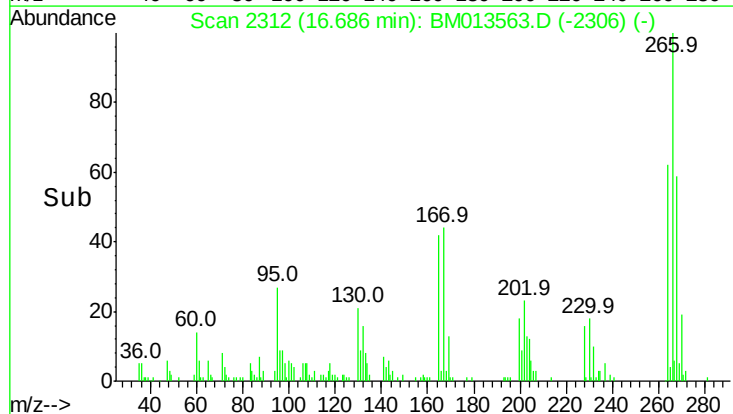
Tgt Ion:266 Resp: 92619

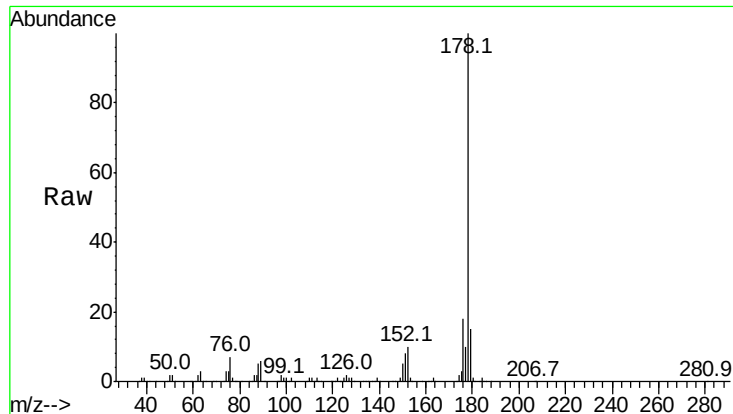
Ion Ratio Lower Upper

266 100

264 61.9 49.3 73.9

268 59.2 52.6 78.8

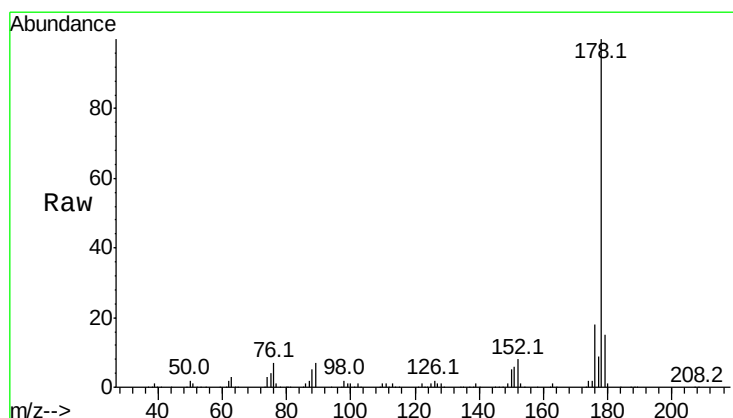
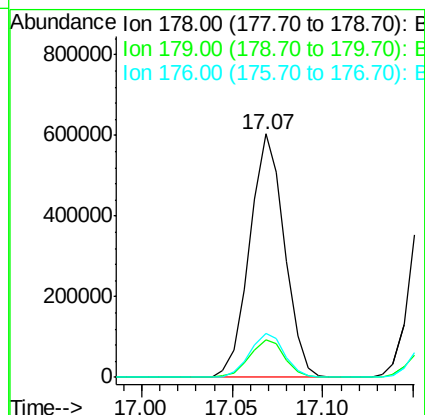
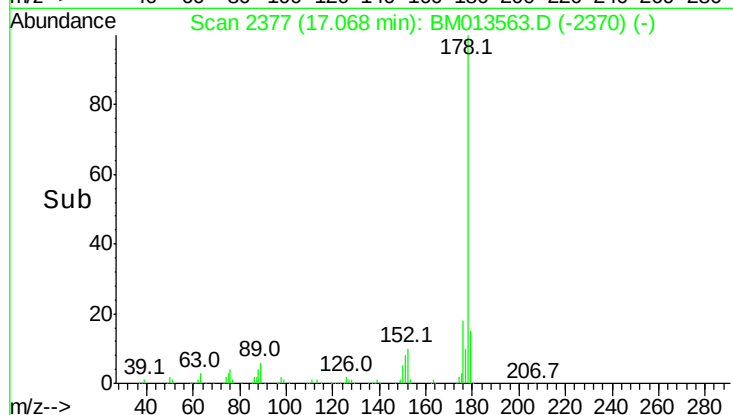




#69
 Phenanthrene
 Concen: 20.014 ng/ul
 RT: 17.07 min Scan# 2377
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

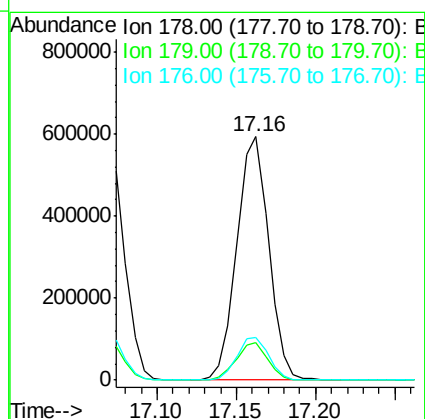
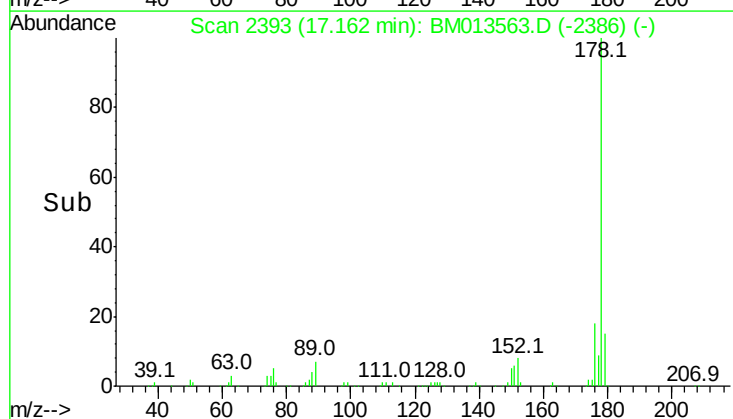
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

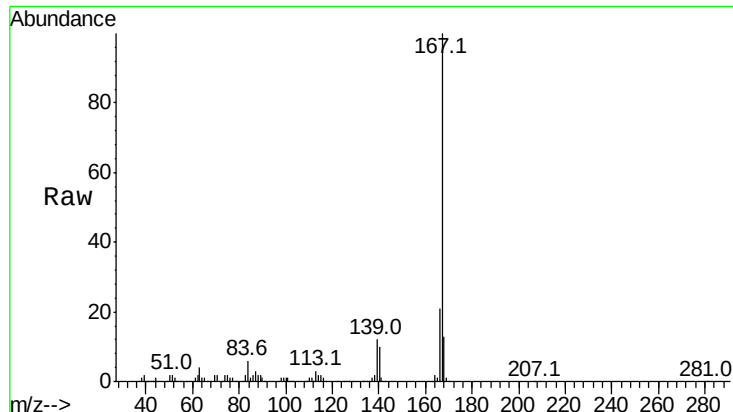
Tot Ion:178 Resp: 804565
 Ion Ratio Lower Upper
 178 100
 179 15.3 12.6 19.0
 176 18.0 14.9 22.3



#71
 Anthracene
 Concen: 19.943 ng/ul
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:178 Resp: 826936
 Ion Ratio Lower Upper
 178 100
 179 15.3 11.7 17.5
 176 17.7 14.6 21.8





#72

Carbazole

Concen: 19.655 ng/ul

RT: 17.44 min Scan# 2440

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

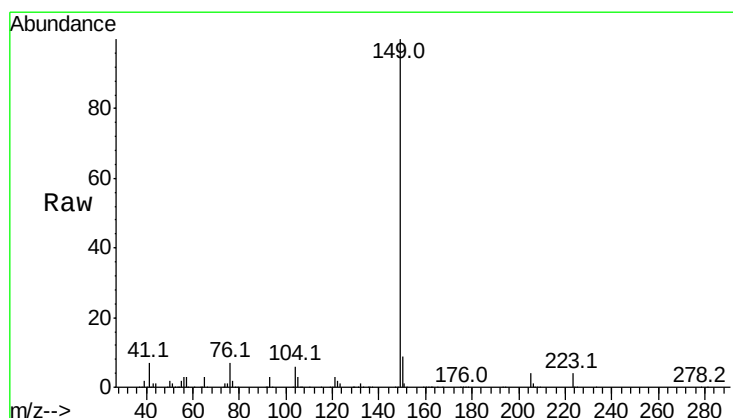
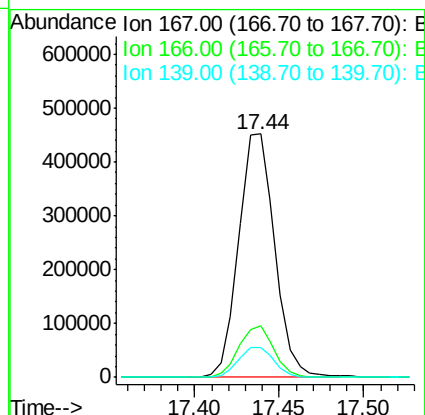
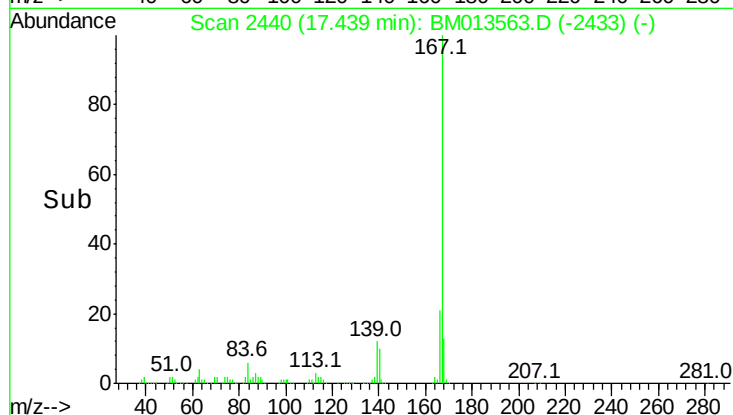
Tot Ion:167 Resp: 672734

Ion Ratio Lower Upper

167 100

166 21.0 17.1 25.7

139 12.1 10.0 15.0



#73

Di-n-butylphthalate

Concen: 19.529 ng/ul

RT: 18.00 min Scan# 2536

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

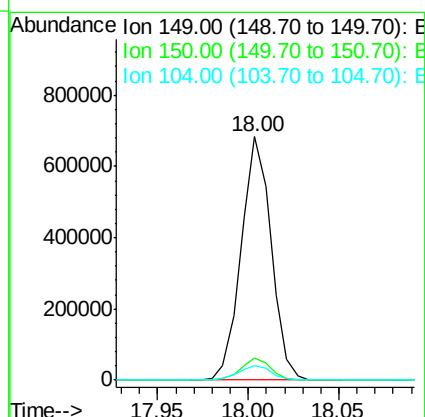
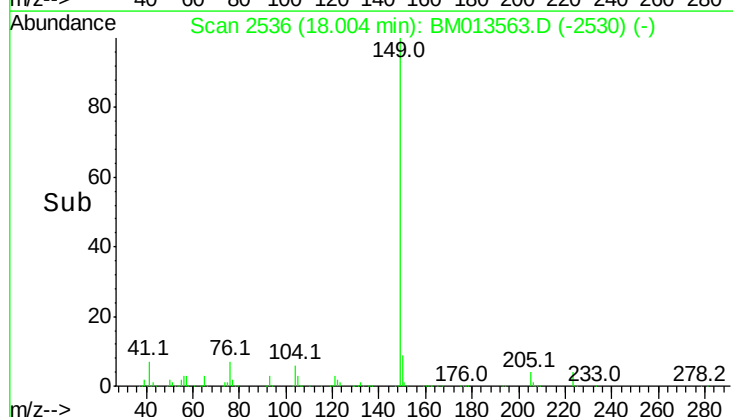
Tgt Ion:149 Resp: 786155

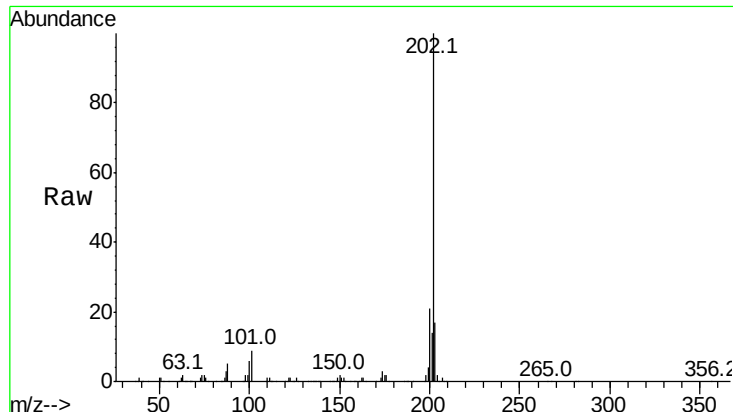
Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

104 6.1 5.6 8.4

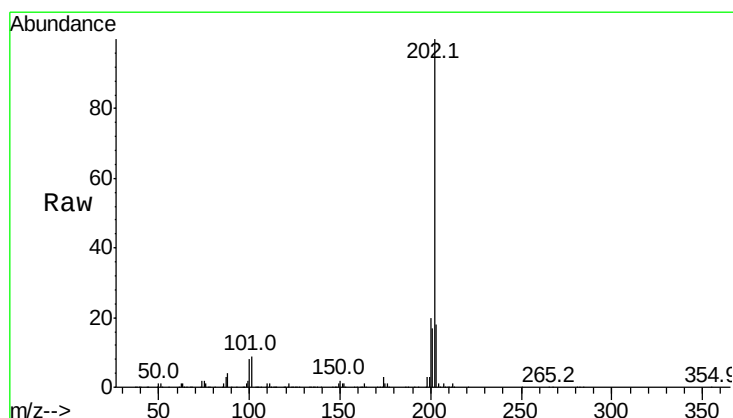
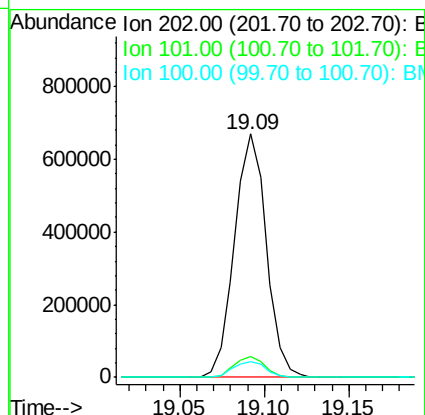
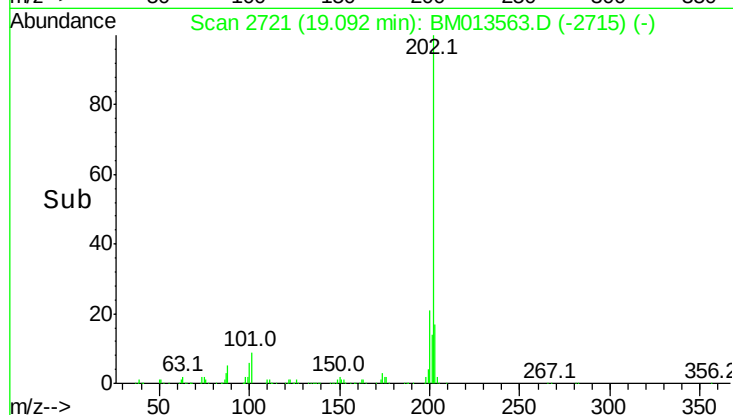




#74
 Fluoranthene
 Concen: 18.293 ng/ul
 RT: 19.09 min Scan# 2721
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

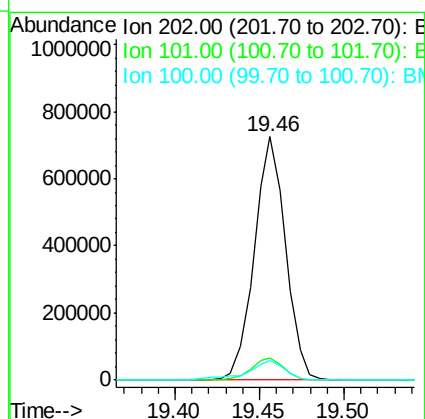
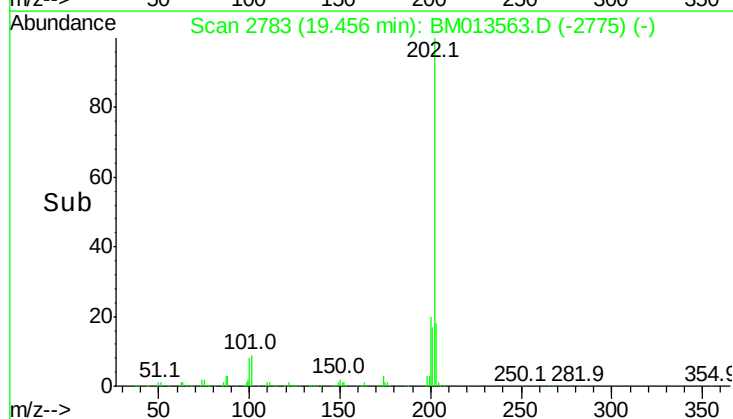
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

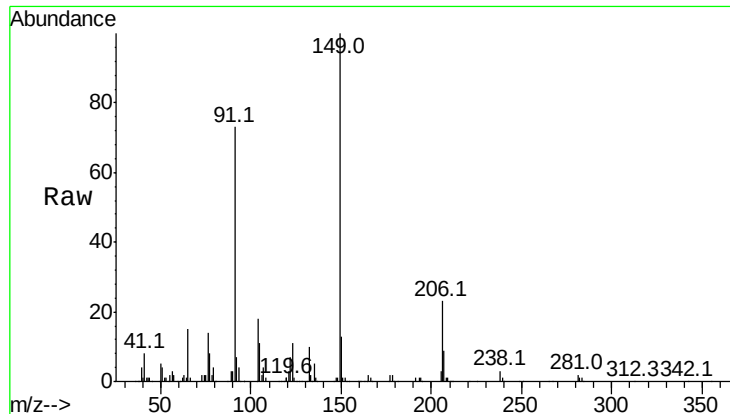
Tot Ion:202 Resp: 877836
 Ion Ratio Lower Upper
 202 100
 101 8.5 4.6 7.0#
 100 6.5 3.4 5.2#



#77
 Pyrene
 Concen: 22.111 ng/ul
 RT: 19.46 min Scan# 2783
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:202 Resp: 935772
 Ion Ratio Lower Upper
 202 100
 101 9.3 5.1 7.7#
 100 7.9 4.9 7.3#

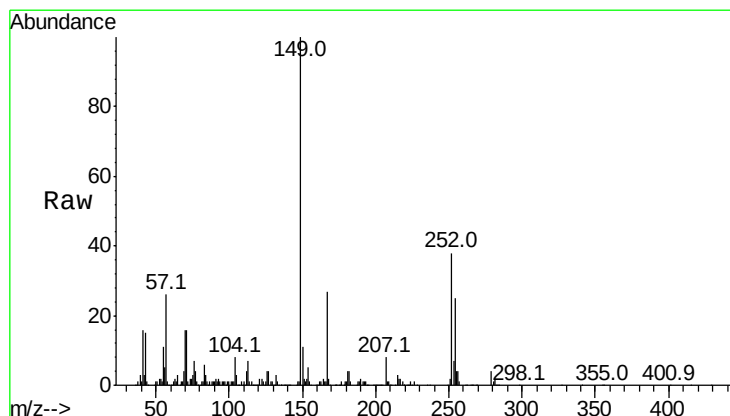
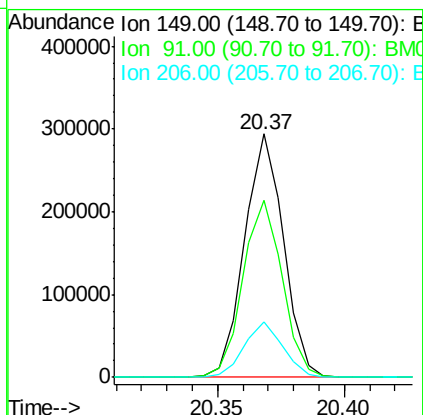
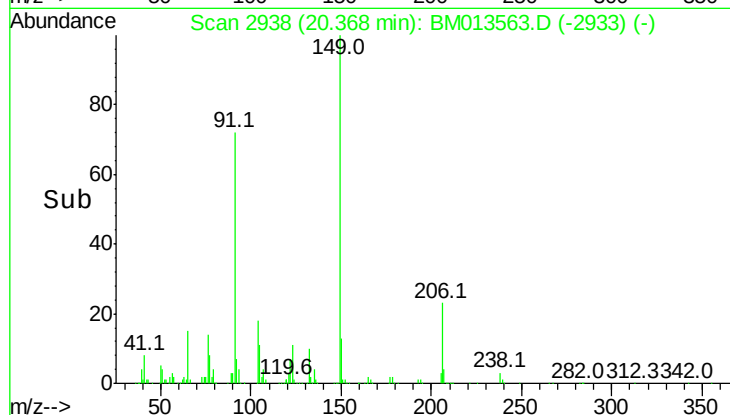




#78
 Butylbenzylphthalate
 Concen: 21.102 ng/ul
 RT: 20.37 min Scan# 2938
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

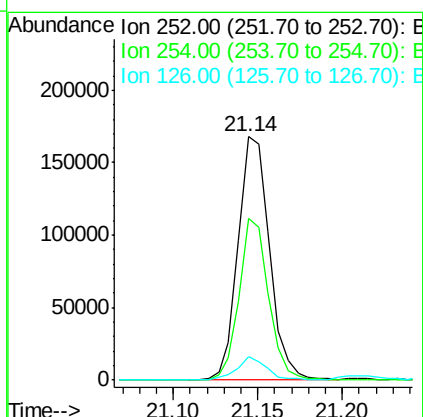
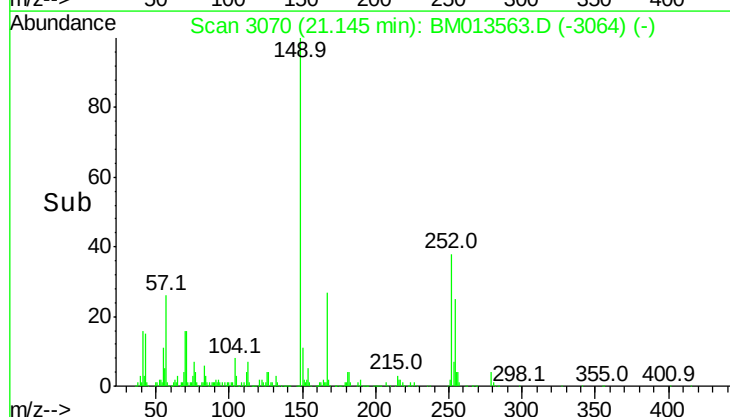
Instrument :
 BNA_M
 ClientSampleId :
 SICV014

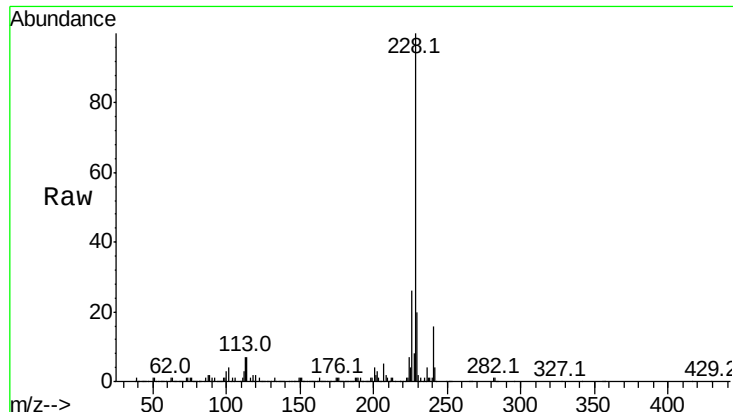
Tot Ion:149 Resp: 314599
 Ion Ratio Lower Upper
 149 100
 91 72.6 62.7 94.1
 206 22.8 20.8 31.2



#79
 3,3'-Dichlorobenzidine
 Concen: 19.036 ng/ul
 RT: 21.14 min Scan# 3070
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:252 Resp: 219226
 Ion Ratio Lower Upper
 252 100
 254 66.6 54.5 81.7
 126 9.8 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 20.134 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

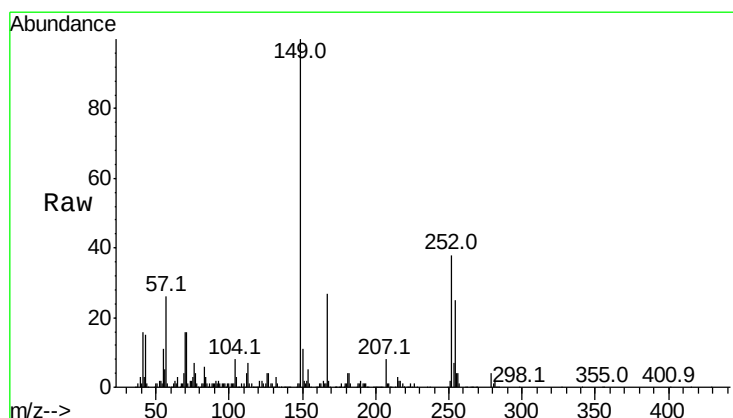
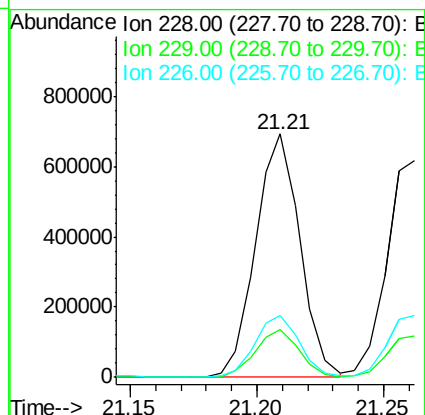
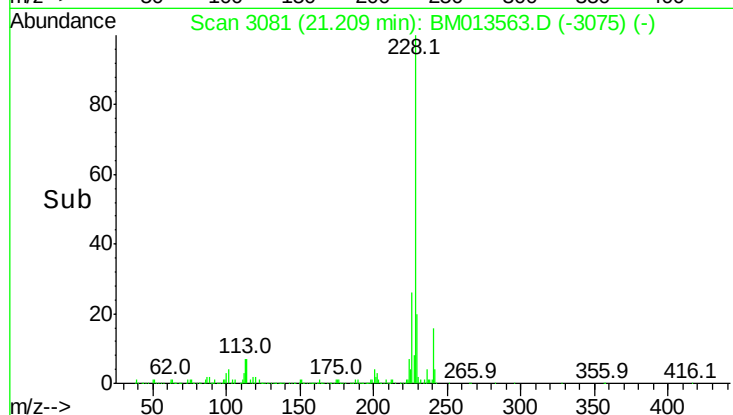
Tot Ion:228 Resp: 846968

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 25.6 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.249 ng/ul

RT: 21.14 min Scan# 3070

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

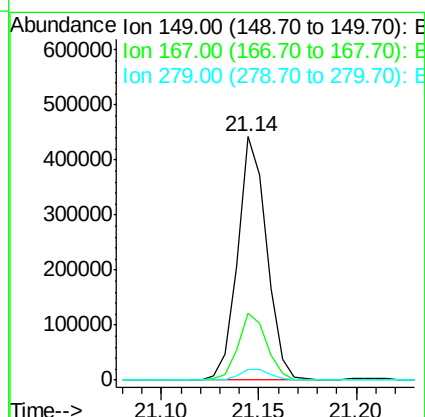
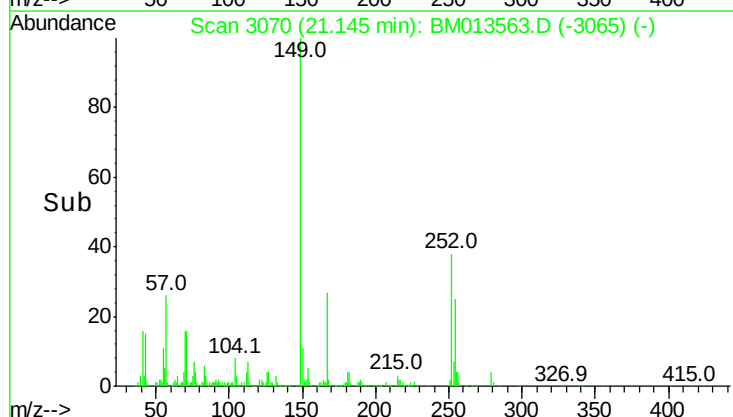
Tgt Ion:149 Resp: 452931

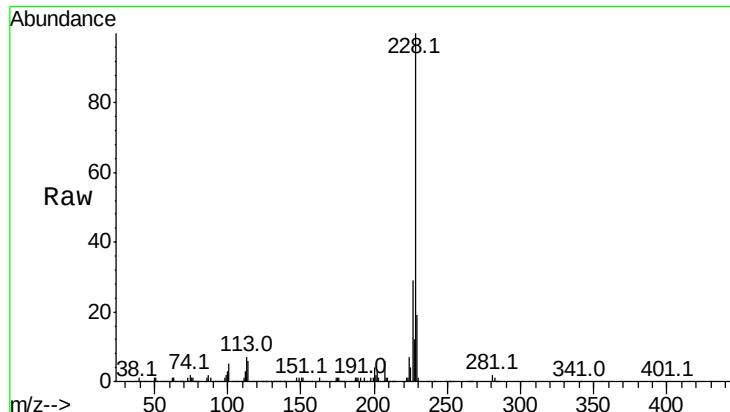
Ion Ratio Lower Upper

149 100

167 27.4 22.8 34.2

279 4.4 4.9 7.3#





#82

Chrysene

Concen: 19.855 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

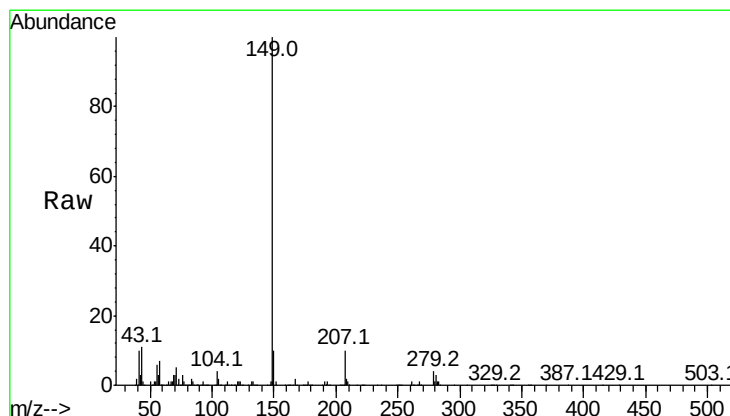
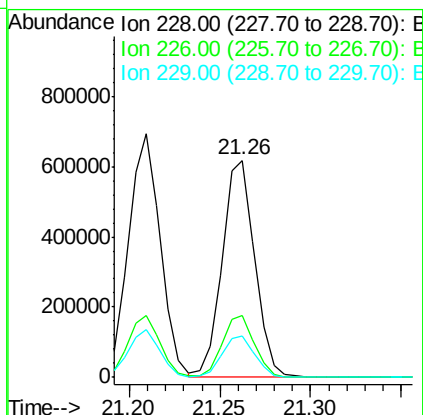
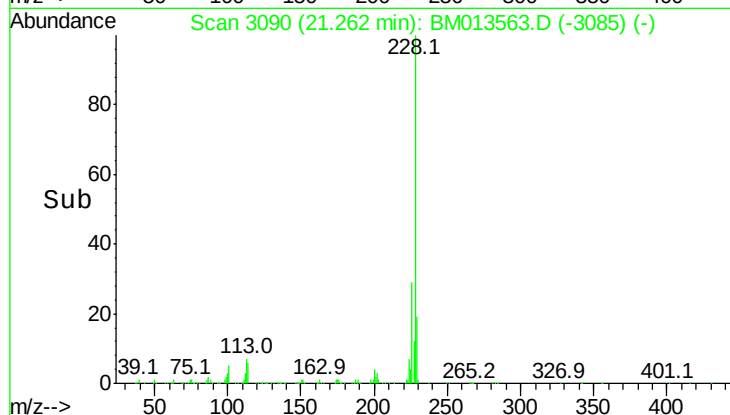
Tot Ion:228 Resp: 766223

Ion Ratio Lower Upper

228 100

226 28.8 23.4 35.2

229 19.1 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 18.969 ng/ul

RT: 22.02 min Scan# 3218

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

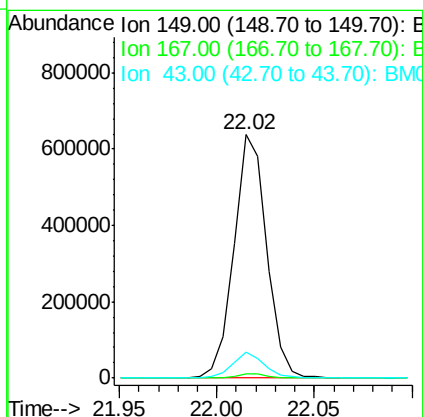
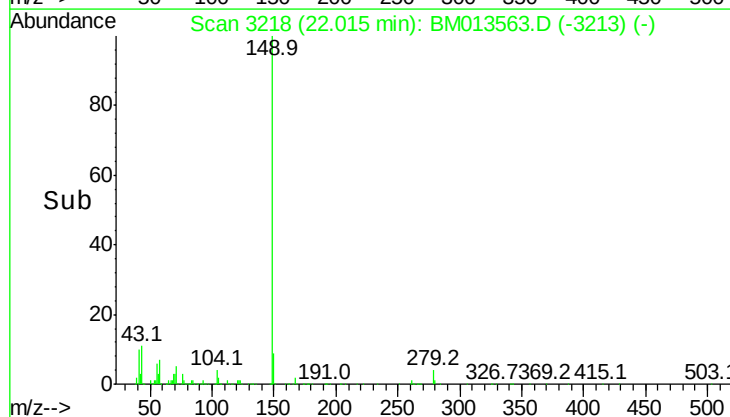
Tgt Ion:149 Resp: 734157

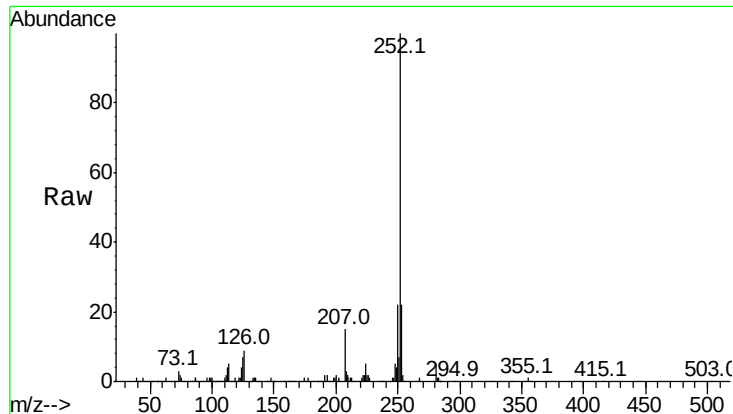
Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 10.6 7.3 10.9





#85

Benzo(b)fluoranthene

Concen: 20.628 ng/ul

RT: 22.77 min Scan# 3346

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

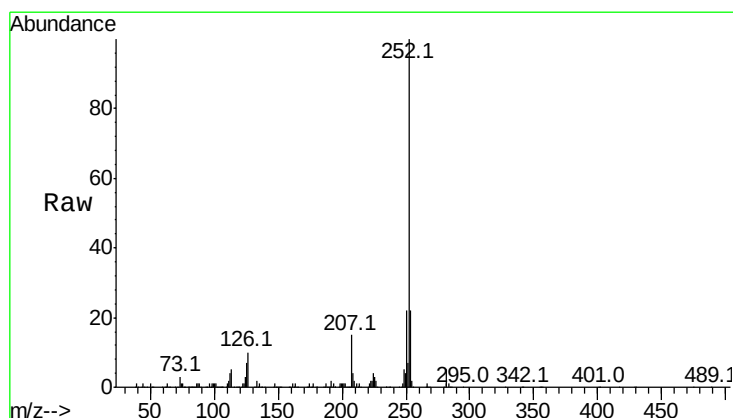
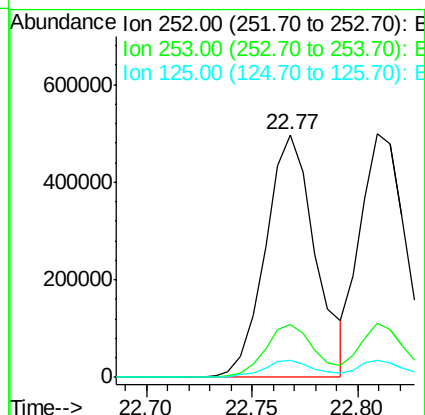
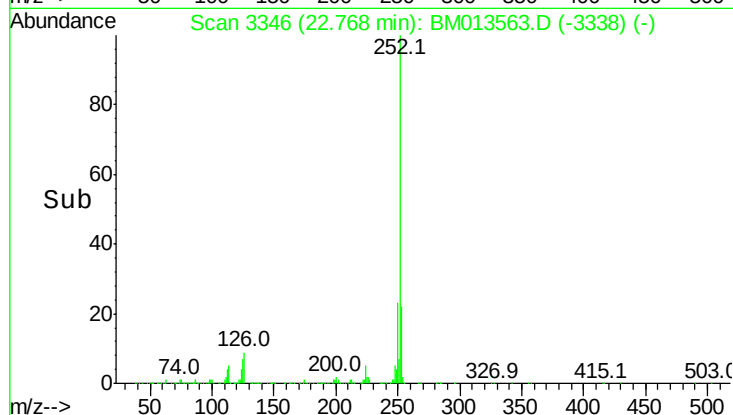
Tot Ion:252 Resp: 813539

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

125 7.2 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 19.663 ng/ul

RT: 22.81 min Scan# 3353

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

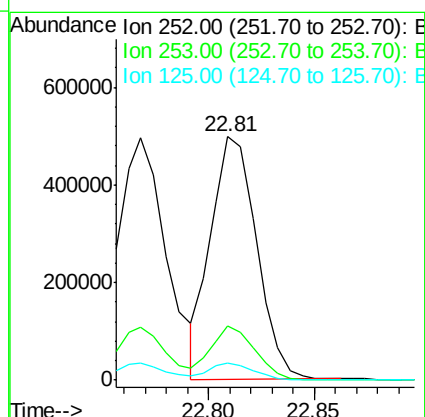
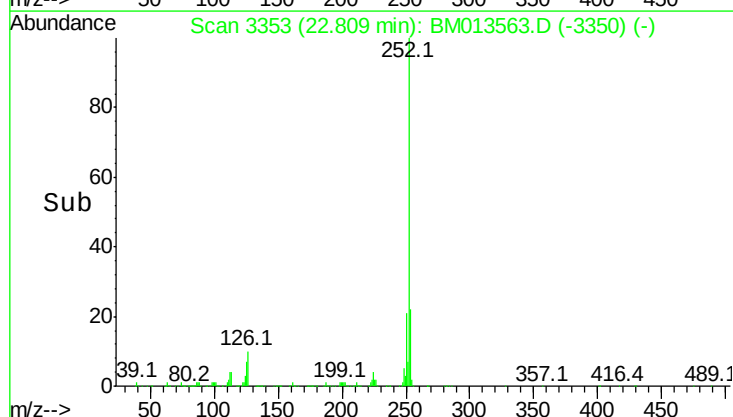
Tgt Ion:252 Resp: 749585

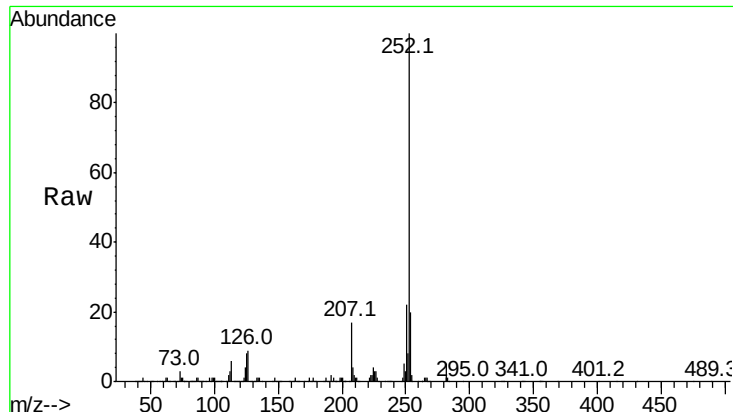
Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

125 7.2 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.105 ng/ul

RT: 23.33 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

Instrument :

BNA_M

ClientSampleId :

SICV014

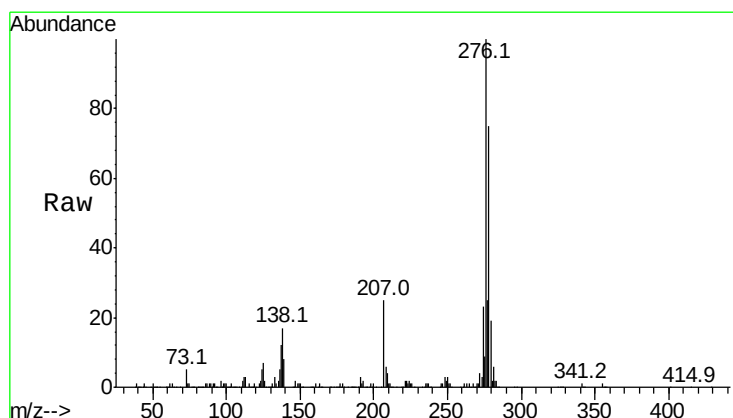
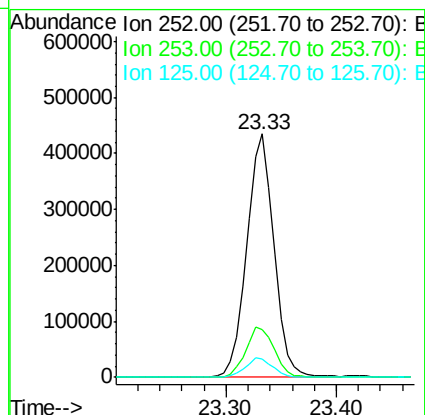
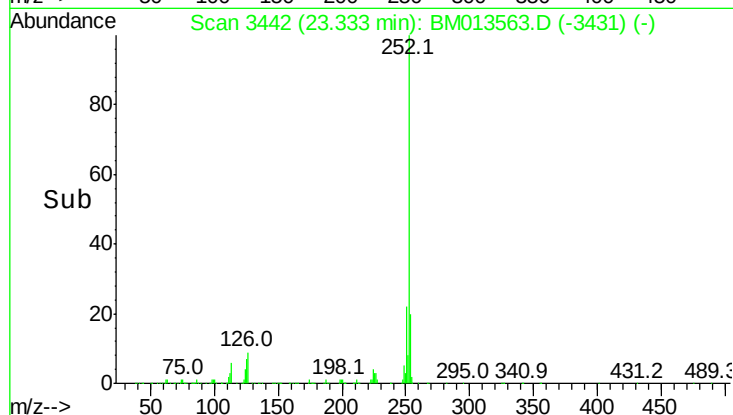
Tot Ion:252 Resp: 749074

Ion Ratio Lower Upper

252 100

253 19.8 18.2 27.2

125 7.6 4.0 6.0#



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.205 ng/ul

RT: 25.63 min Scan# 3833

Delta R.T. -0.00 min

Lab File: BM013563.D

Acq: 10 Jan 2018 13:18

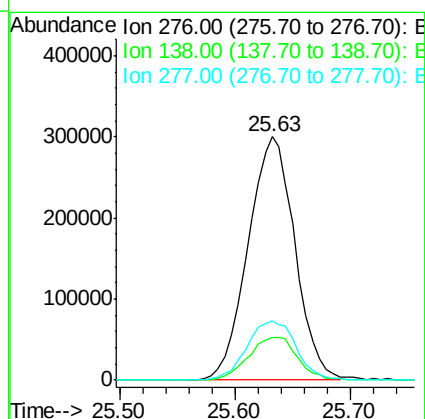
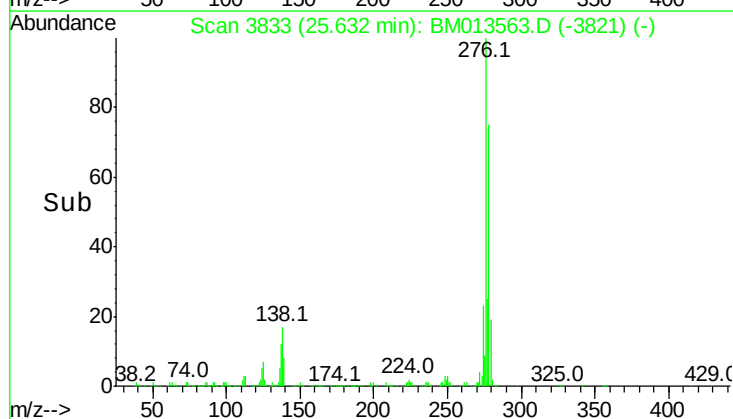
Tgt Ion:276 Resp: 844637

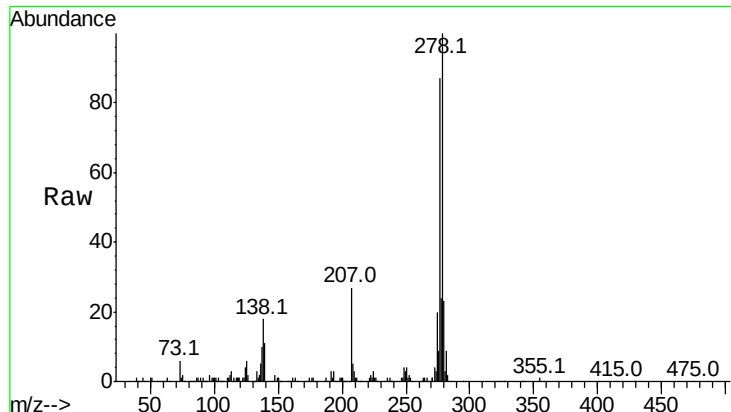
Ion Ratio Lower Upper

276 100

138 17.4 9.3 13.9#

277 24.5 19.9 29.9

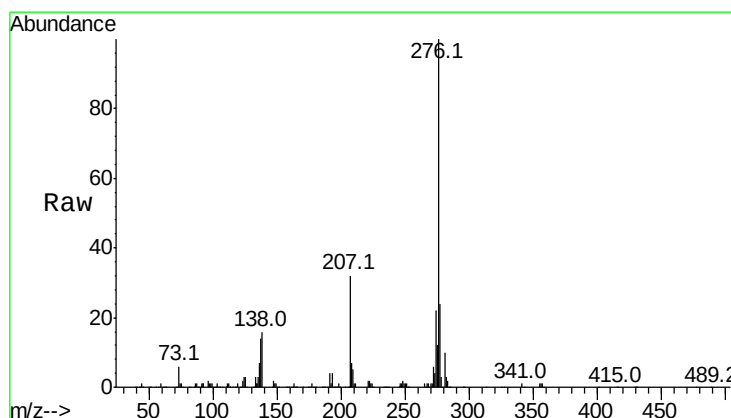
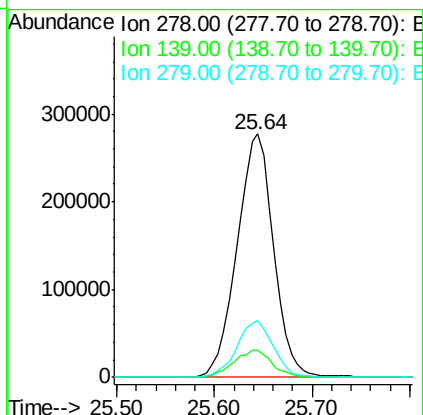
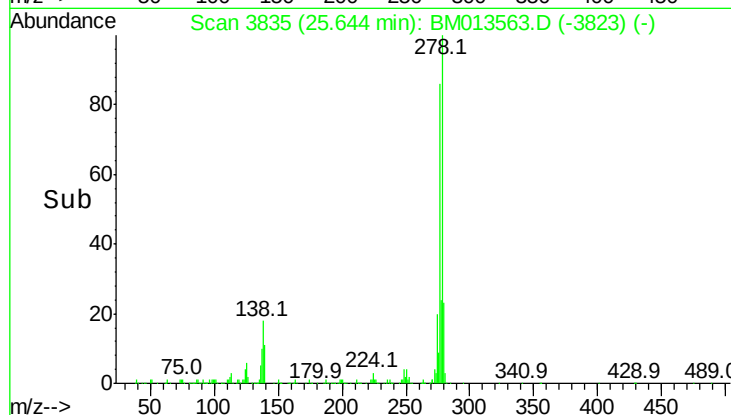




#90
 Dibenzo(a,h)anthracene
 Concen: 19.400 ng/ul
 RT: 25.64 min Scan# 3835
 Delta R.T. 0.01 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Instrument :
 BNA_M
 ClientSampleId :
 SICV014

Tot Ion:278 Resp: 720509
 Ion Ratio Lower Upper
 278 100
 139 11.0 5.8 8.8#
 279 23.2 18.6 27.8



#91
 Benzo(g,h,i)perylene
 Concen: 19.139 ng/ul
 RT: 26.30 min Scan# 3947
 Delta R.T. -0.00 min
 Lab File: BM013563.D
 Acq: 10 Jan 2018 13:18

Tgt Ion:276 Resp: 692773
 Ion Ratio Lower Upper
 276 100
 138 15.6 8.5 12.7#
 277 23.5 18.6 28.0

