

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012708.D
 Acq On : 04 Nov 2017 15:35
 Operator : SJ/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV93

Quant Time: Nov 06 01:14:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 04 15:31:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	69770	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	268935	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	156831	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	362737	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	415143	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	447763	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	10719	8.30	ng/uL	0.00
5) Phenol-d5	6.99	99	101916	19.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	54497	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	85974	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	85947	19.18	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	40542	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	45589	20.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	92602	19.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	103202	22.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	256561	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	328350	20.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	40388	19.42	ng/ul	0.00
57) Fluorene-d10	15.45	176	222313	20.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	44151	18.44	ng/ul	0.00
70) Anthracene-d10	17.29	188	345217	19.70	ng/ul	0.00
78) Pyrene-d10	19.58	212	378464	19.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	418374	19.76	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.33	88	11911	8.22	ng/uL	98
4) Benzaldehyde	6.96	77	67836	24.57	ng/ul	97
6) Phenol	7.01	94	104588	19.63	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.24	93	77059	19.29	ng/ul	98
10) 2-Chlorophenol	7.38	128	88701	19.91	ng/ul	97
11) 2-Methylphenol	8.26	108	76949	18.98	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	64087	19.42	ng/ul#	91
14) Acetophenone	8.63	105	128643	19.08	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.62	70	61872	19.09	ng/ul	96
16) 4-Methylphenol	8.59	108	85623	19.45	ng/ul	97
17) Hexachloroethane	8.89	117	35449	19.77	ng/ul#	71
20) Nitrobenzene	9.01	77	92993	19.88	ng/ul	96
21) Isophorone	9.54	82	164432	19.52	ng/ul	97
23) 2-Nitrophenol	9.72	139	50147	20.48	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	97333	19.55	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	100968	19.23	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	89268	19.65	ng/ul	97
28) Naphthalene	10.65	128	266217	19.80	ng/ul	100
30) 4-Chloroaniline	10.76	127	104527	23.11	ng/ul	97
31) Hexachlorobutadiene	10.94	225	70120	19.63	ng/ul	98
32) Caprolactam	11.55	113	22908	17.93	ng/ul	92
33) 4-Chloro-3-methylphenol	11.89	107	86964	19.69	ng/ul	95
34) 2-Methylnaphthalene	12.27	142	202330	19.69	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

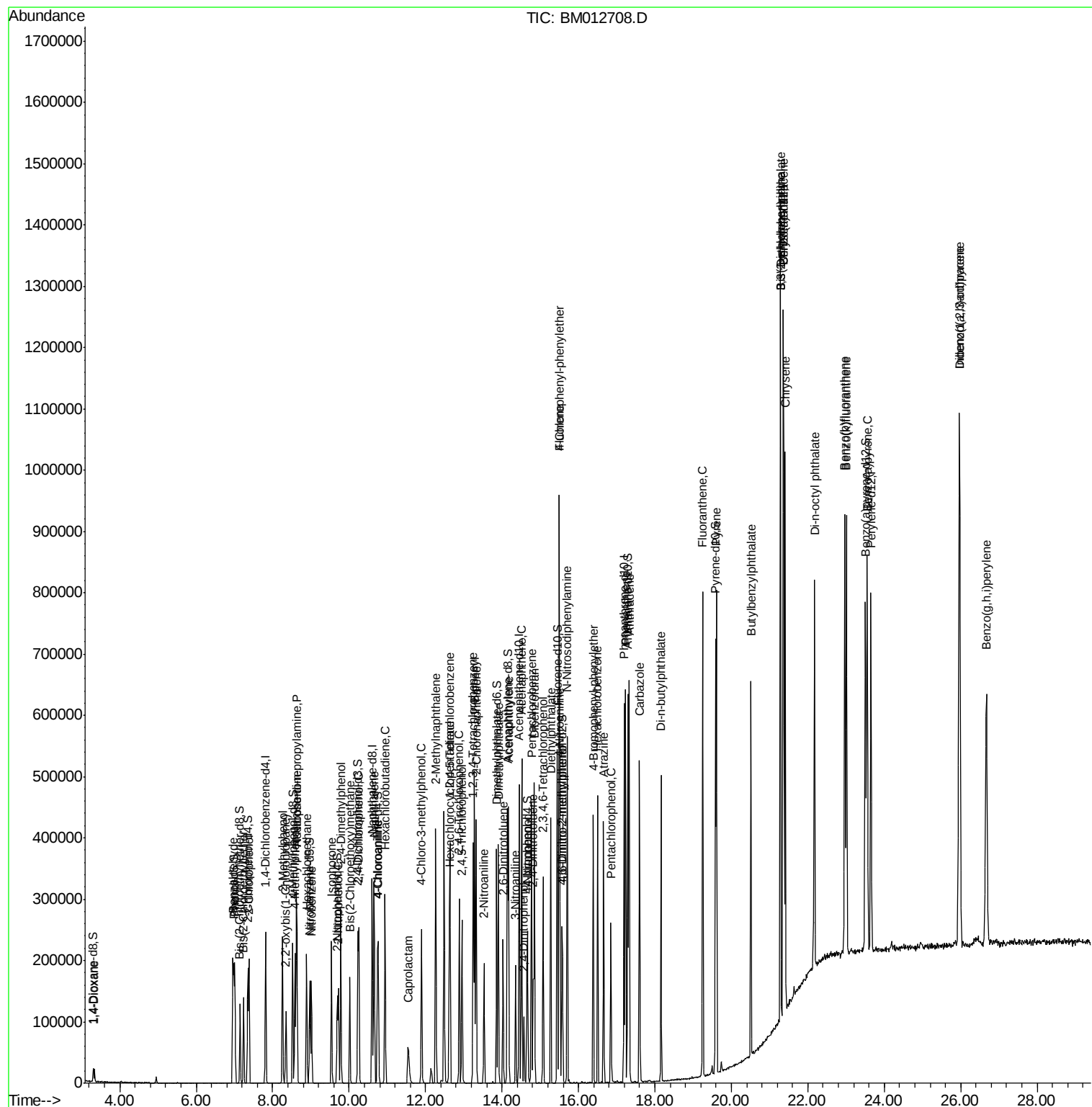
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	124931	20.58	ng/ul#	96
37) Hexachlorocyclopentadiene	12.62	237	53405	17.27	ng/ul	94
38) 2,4,6-Trichlorophenol	12.88	196	77240	20.13	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	80190	20.03	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	262829	20.26	ng/ul	98
41) 2-Chloronaphthalene	13.32	162	209211	20.41	ng/ul	95
42) 2-Nitroaniline	13.53	65	49603	20.48	ng/ul	91
44) Dimethylphthalate	13.90	163	258521	20.07	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	51907	20.14	ng/ul	98
47) Acenaphthylene	14.17	152	316688	20.35	ng/ul	99
48) 3-Nitroaniline	14.36	138	47864	22.02	ng/ul	99
49) Acenaphthene	14.52	153	213709	20.16	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	27915	17.34	ng/ul	90
52) 4-Nitrophenol	14.67	109	36137	19.69	ng/ul	90
53) Dibenzofuran	14.85	168	313309	20.27	ng/ul	91
54) 2,4-Dinitrotoluene	14.82	165	76120	20.08	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.07	232	74620	20.08	ng/ul#	83
56) Diethylphthalate	15.27	149	240125	19.20	ng/ul	97
58) Fluorene	15.50	166	257638	20.06	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	139576	19.56	ng/ul#	88
60) 4-Nitroaniline	15.52	138	51668	20.42	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	46897	18.60	ng/ul	94
64) N-Nitrosodiphenylamine	15.70	169	216086	19.73	ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	91572	19.43	ng/ul#	87
66) Hexachlorobenzene	16.50	284	105609	19.85	ng/ul#	84
67) Atrazine	16.66	200	85001	19.44	ng/ul	95
68) Pentachlorophenol	16.85	266	55239	18.17	ng/ul	98
69) Phenanthrene	17.23	178	393837	19.86	ng/ul	98
71) Anthracene	17.33	178	415048	20.19	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.25	216	123055	20.75	ng/uL	98
73) Pentachlorobenzene	14.77	250	121830	20.08	ng/uL	98
74) Carbazole	17.60	167	343364	20.03	ng/ul	98
75) Di-n-butylphthalate	18.16	149	372422	18.54	ng/ul	99
76) Fluoranthene	19.25	202	471955	19.81	ng/ul#	92
79) Pvrene	19.62	202	493486	19.92	ng/ul#	90
80) Butylbenzylphthalate	20.51	149	165376	18.31	ng/ul#	94
81) 3,3'-Dichlorobenzidine	21.29	252	191814	20.89	ng/ul#	98
82) Benzo(a)anthracene	21.36	228	504180	20.07	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	236957	18.01	ng/ul#	95
84) Chrysene	21.41	228	457897	20.11	ng/ul	99
86) Di-n-octyl phthalate	22.17	149	409820	17.40	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	532494	19.46	ng/ul#	95
88) Benzo(k)fluoranthene	23.01	252	520357	20.01	ng/ul#	96
90) Benzo(a)pyrene	23.55	252	519539	19.95	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.96	276	648034	20.65	ng/ul#	86
92) Dibenzo(a,h)anthracene	25.97	278	547614	20.61	ng/ul#	93
93) Benzo(g,h,i)perylene	26.67	276	539153	20.85	ng/ul#	88

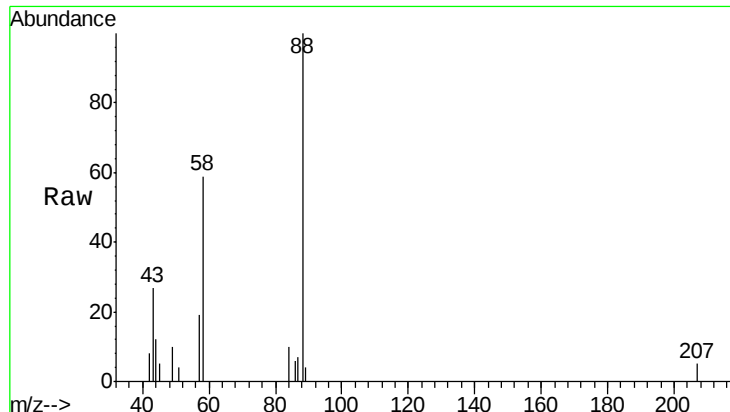
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.22 ng/uL

RT: 3.33 min Scan# 42

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

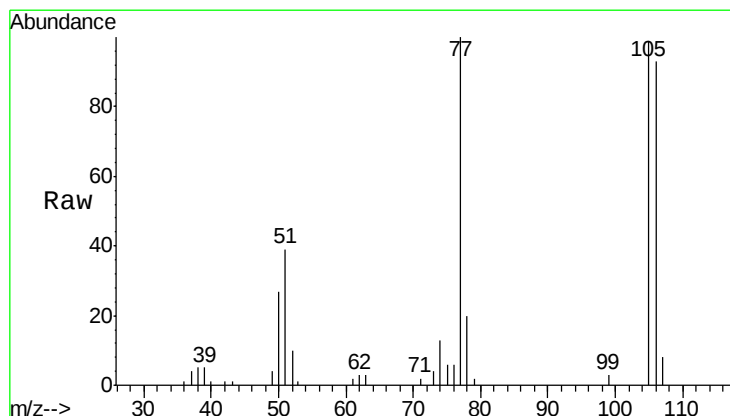
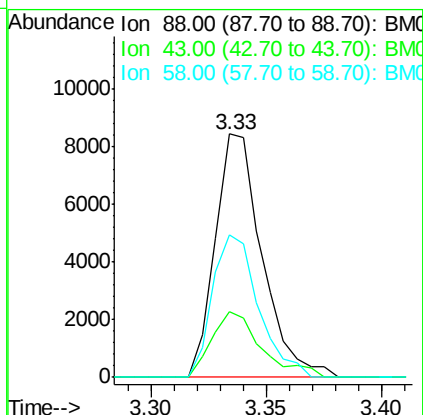
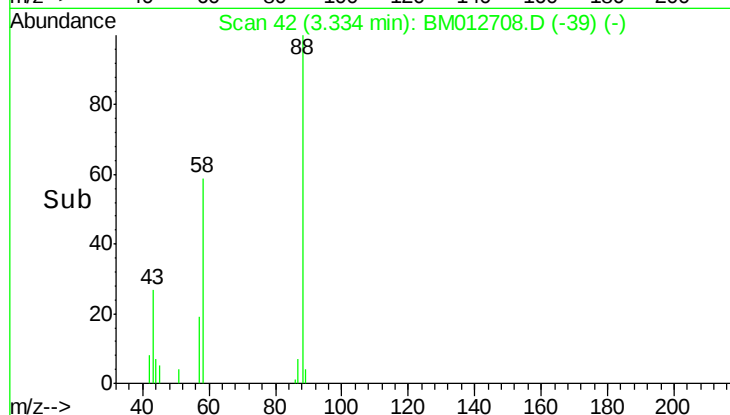
Tot Ion: 88 Resp: 11911

Ion Ratio Lower Upper

88 100

43 26.3 21.0 31.6

58 57.4 47.8 71.8



#4

Benzaldehyde

Concen: 24.57 ng/uL

RT: 6.96 min Scan# 658

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

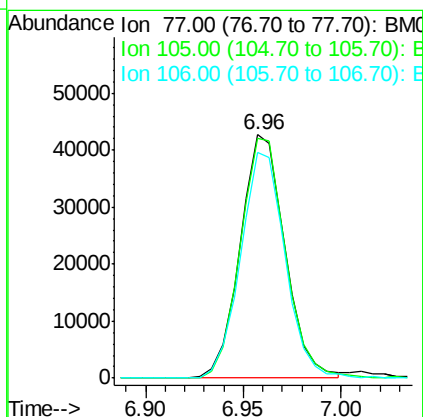
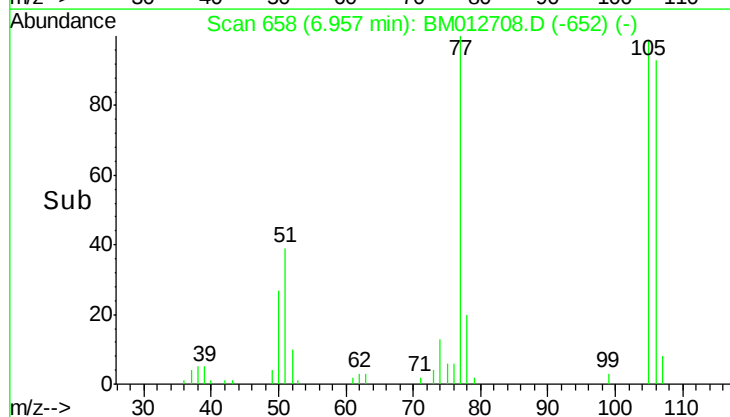
Tgt Ion: 77 Resp: 67836

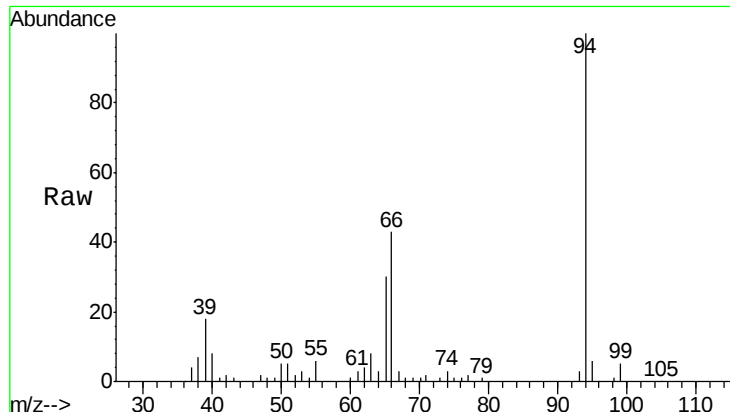
Ion Ratio Lower Upper

77 100

105 98.6 80.6 120.8

106 92.7 77.7 116.5





#6

Phenol

Concen: 19.63 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

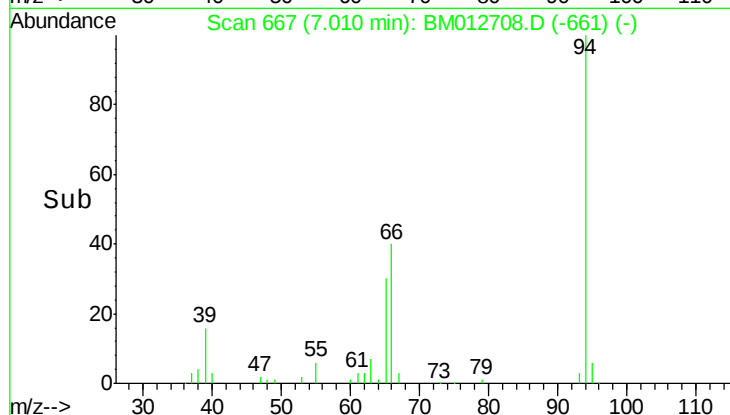
Tot Ion: 94 Resp: 104588

Ion Ratio Lower Upper

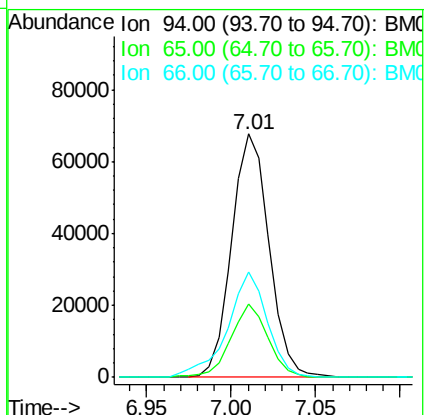
94 100

65 30.0 21.0 31.6

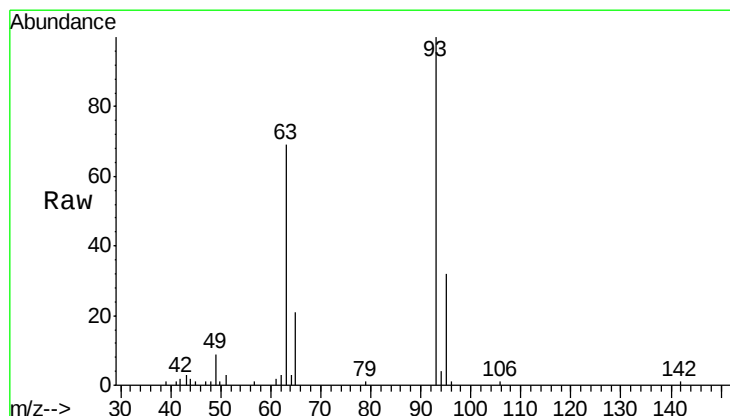
66 43.3 29.3 43.9



Scan 667 (7.010 min): BM012708.D (-661) (-)



7.01



#8

Bis(2-Chloroethyl)ether

Concen: 19.29 ng/ul

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

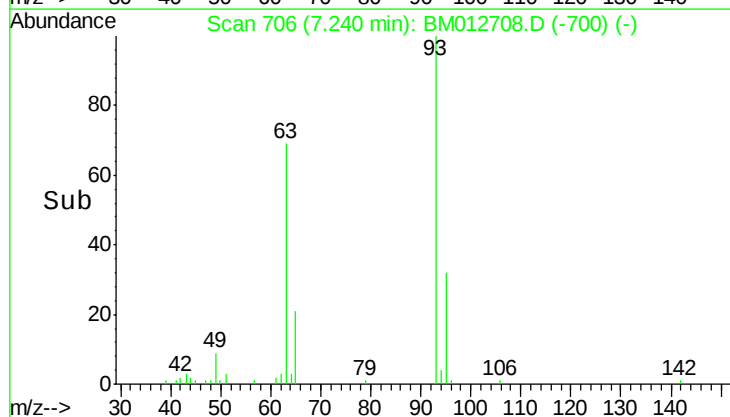
Tgt Ion: 93 Resp: 77059

Ion Ratio Lower Upper

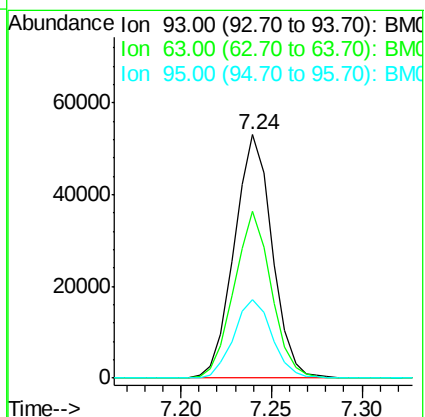
93 100

63 68.5 53.5 80.3

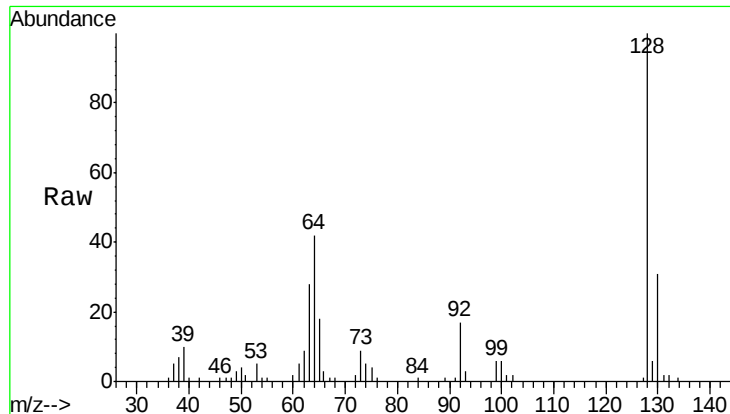
95 32.3 26.2 39.2



Scan 706 (7.240 min): BM012708.D (-700) (-)



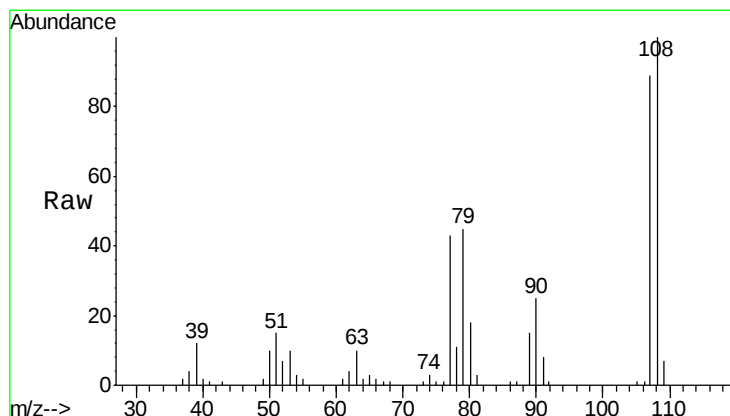
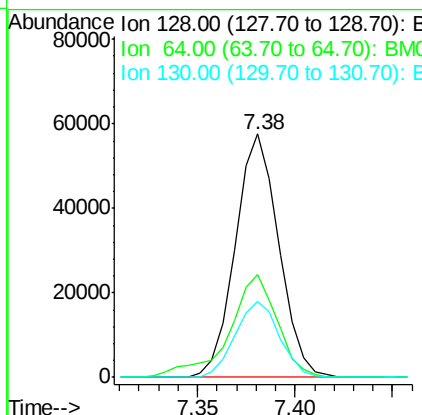
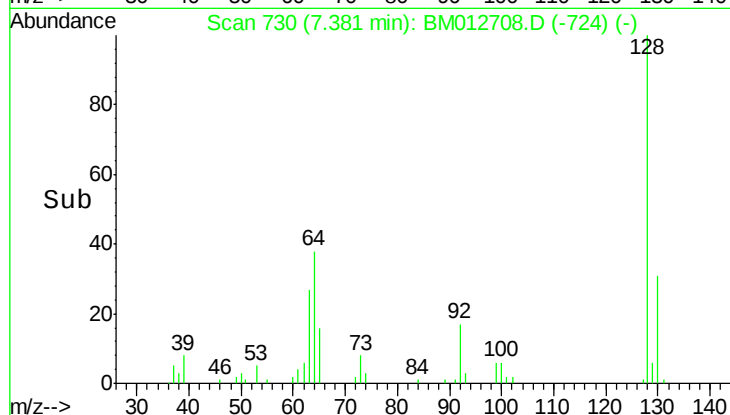
7.24



#10
 2-Chlorophenol
 Concen: 19.91 ng/ul
 RT: 7.38 min Scan# 730
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

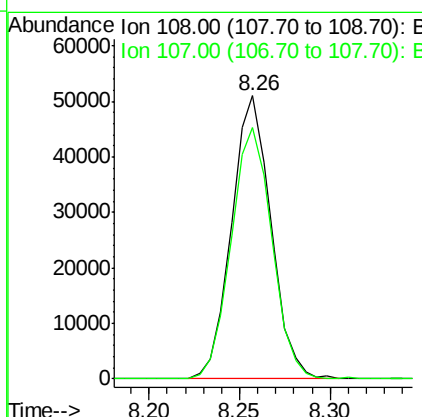
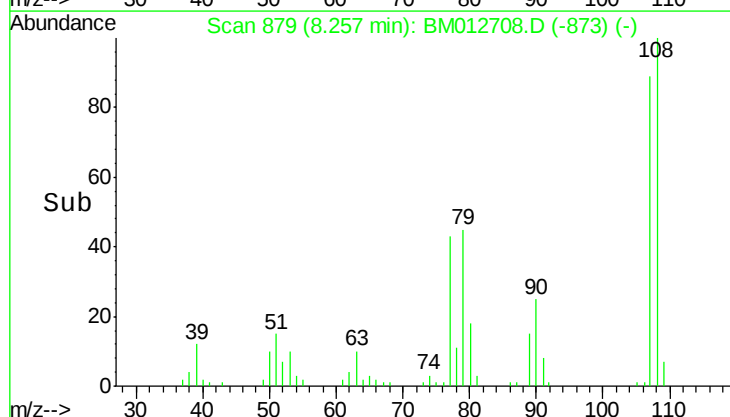
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

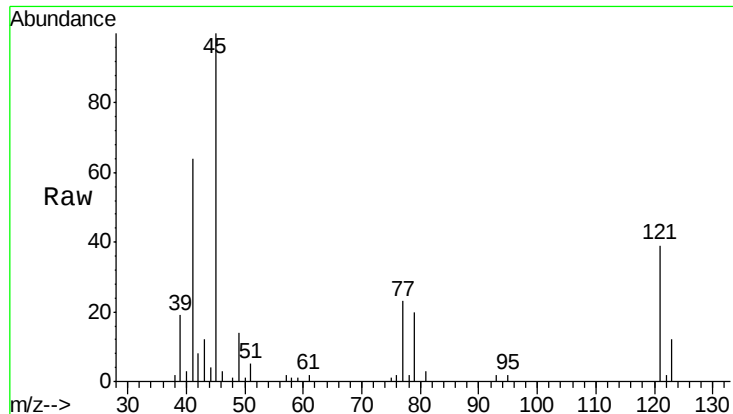
Tot Ion:128 Resp: 88701
 Ion Ratio Lower Upper
 128 100
 64 42.4 31.9 47.9
 130 31.4 25.6 38.4



#11
 2-Methylphenol
 Concen: 18.98 ng/ul
 RT: 8.26 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:108 Resp: 76949
 Ion Ratio Lower Upper
 108 100
 107 89.0 72.4 108.6

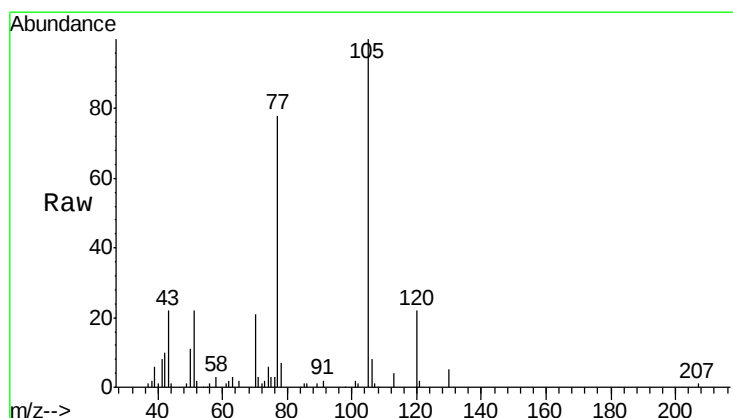
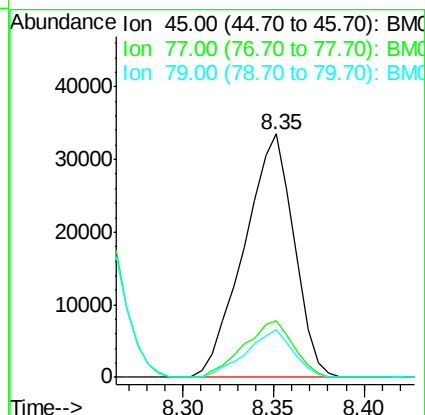
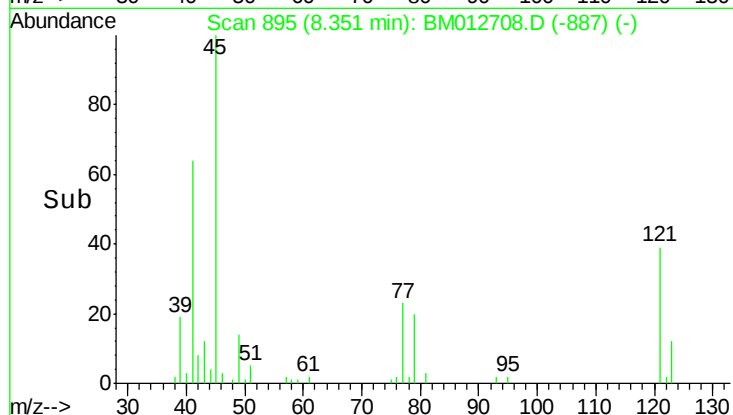




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.42 ng/ul
RT: 8.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

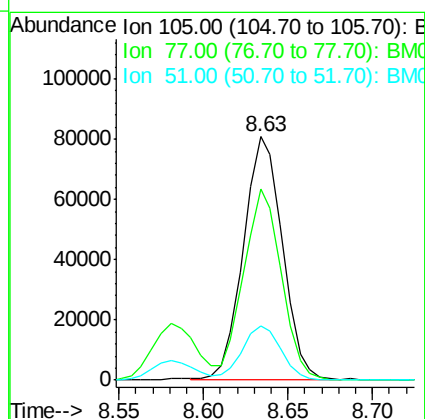
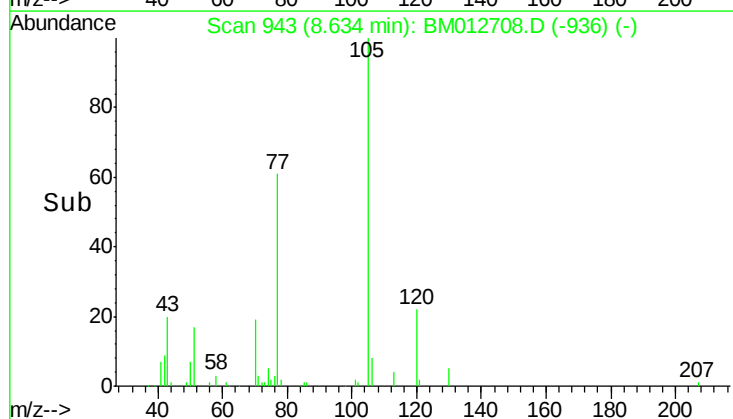
Instrument :
BNA_M
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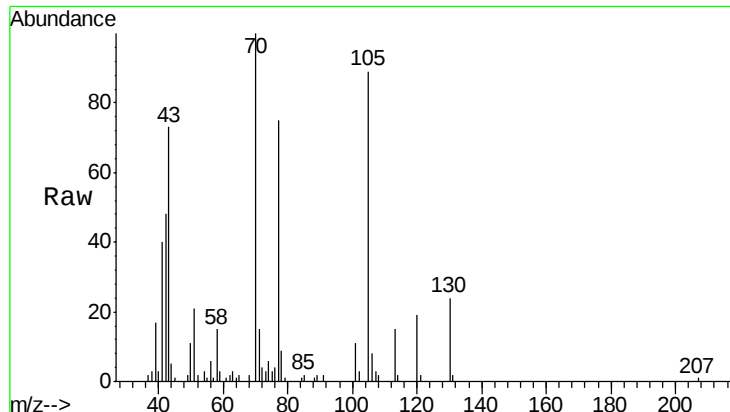
Tot Ion:	45	Resp:	64087
Ion	Ratio	Lower	Upper
45	100		
77	23.4	15.9	23.9
79	19.7	12.5	18.7#



#14
Acetophenone
Concen: 19.08 ng/ul
RT: 8.63 min Scan# 943
Delta R.T. -0.00 min
Lab File: BM012708.D
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Tgt Ion:	105	Resp:	128643
Ion	Ratio	Lower	Upper
105	100		
77	78.4	59.0	88.4
51	22.3	16.4	24.6



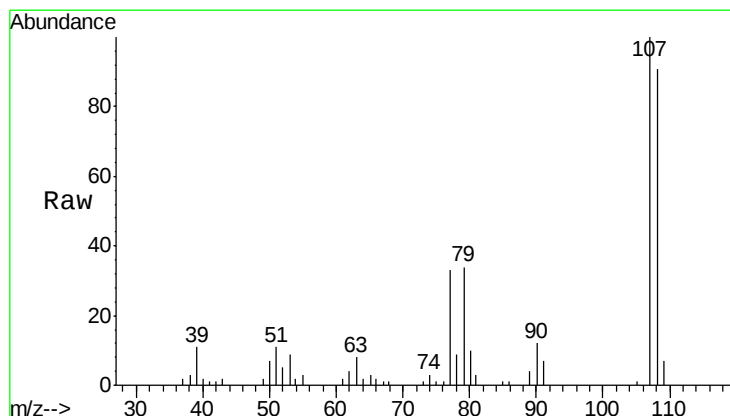
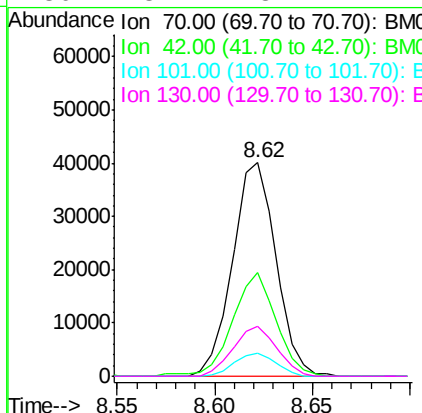
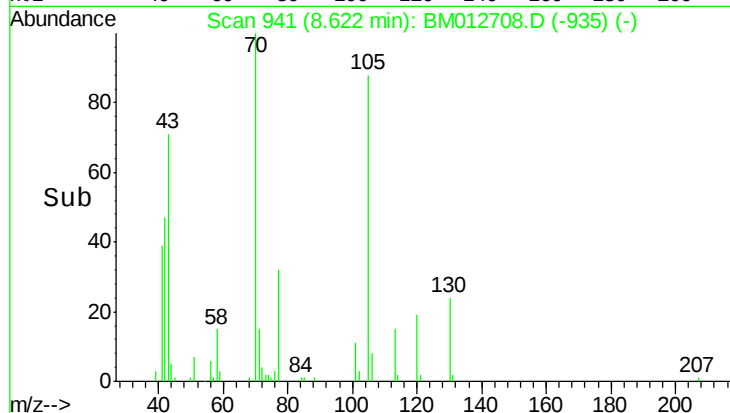


#15
 N-Nitroso-di-n-propylamine
 Concen: 19.09 ng/ul
 RT: 8.62 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: BM012708.D
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Instrument :
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Tot Ion: 70 Resp: 61872

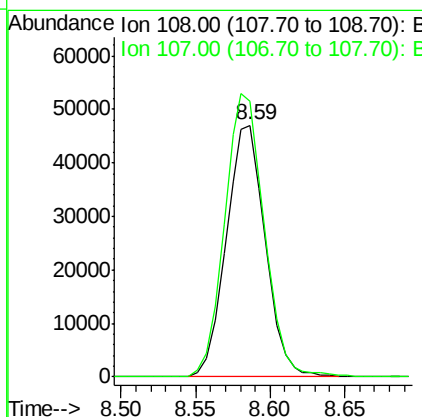
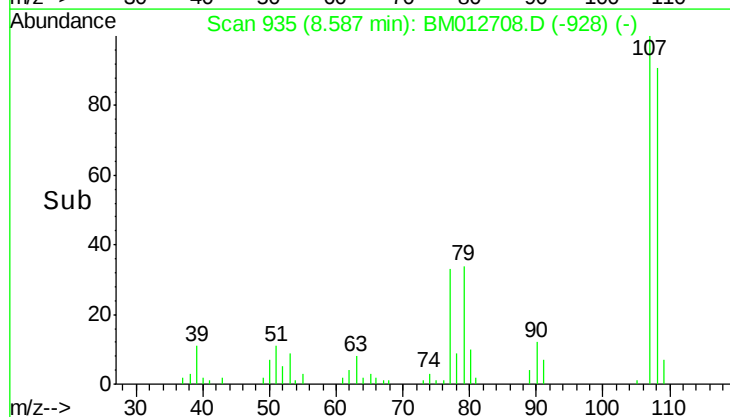
Ion	Ratio	Lower	Upper
70	100		
42	48.3	35.4	53.0
101	10.9	8.4	12.6
130	23.7	18.2	27.4

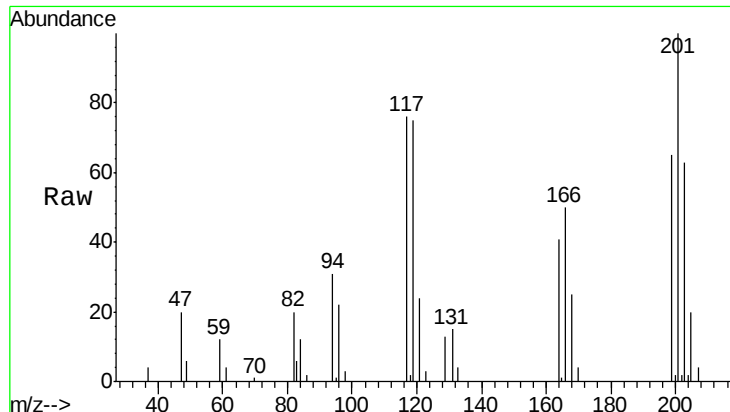


#16
 4-Methylphenol
 Concen: 19.45 ng/ul
 RT: 8.59 min Scan# 935
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion: 108 Resp: 85623

Ion	Ratio	Lower	Upper
108	100		
107	109.7	90.3	135.5

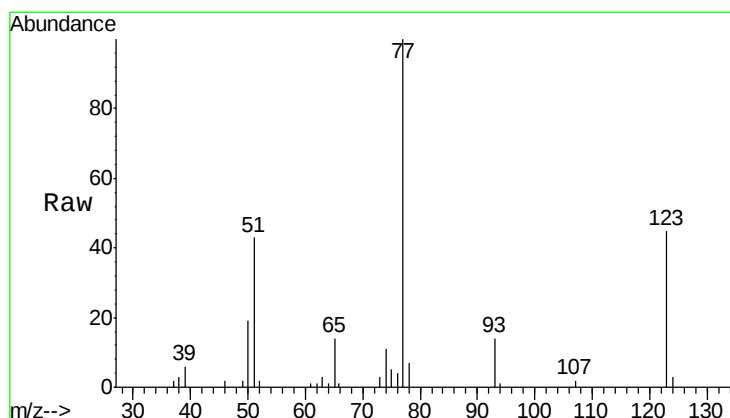
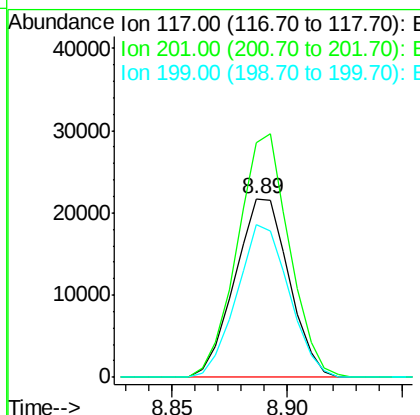
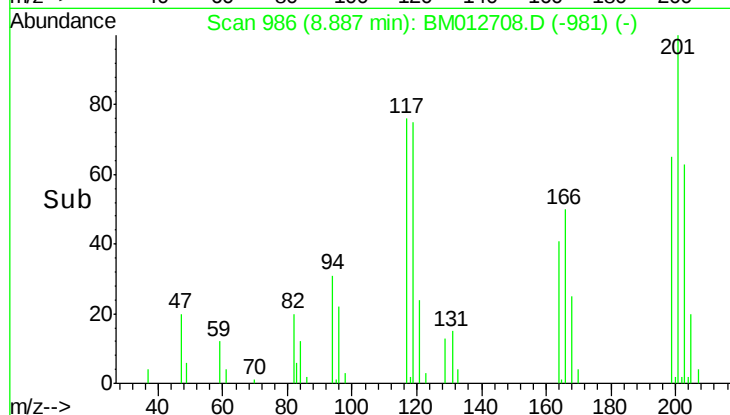




#17
Hexachloroethane
Concen: 19.77 ng/ul
RT: 8.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

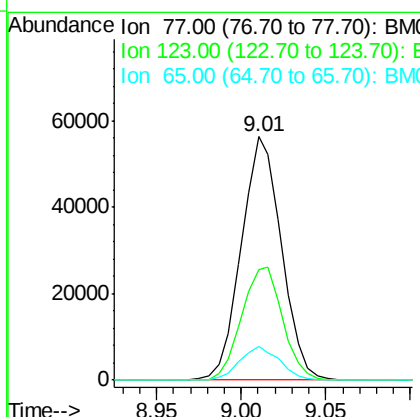
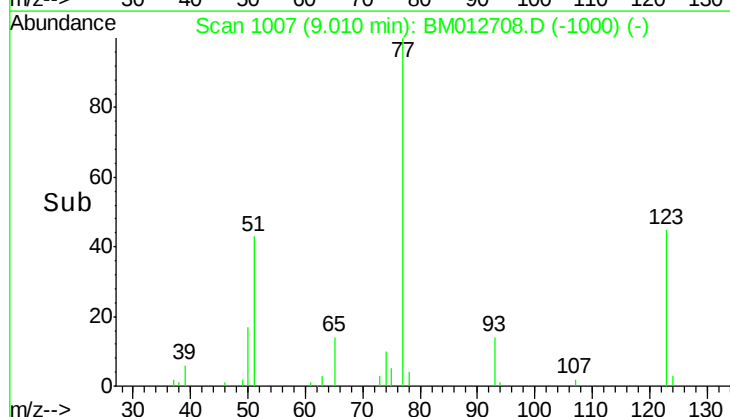
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ClientSampleId :
SICV93

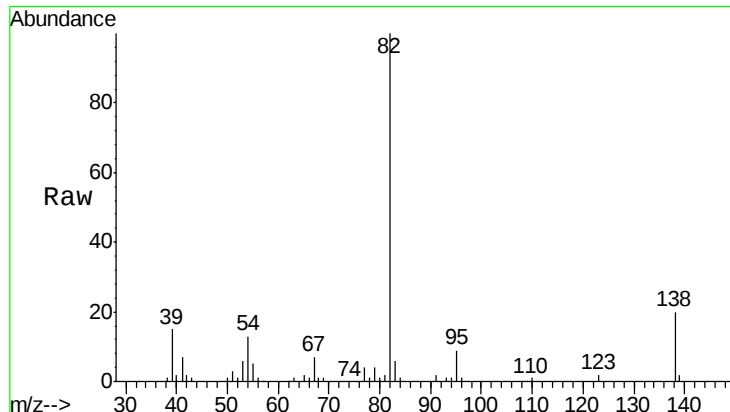
Tot Ion:117 Resp: 35449
Ion Ratio Lower Upper
117 100
201 131.2 81.5 122.3#
199 85.5 50.6 76.0#



#20
Nitrobenzene
Concen: 19.88 ng/ul
RT: 9.01 min Scan# 1007
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion: 77 Resp: 92993
Ion Ratio Lower Upper
77 100
123 45.5 39.0 58.4
65 13.7 10.4 15.6

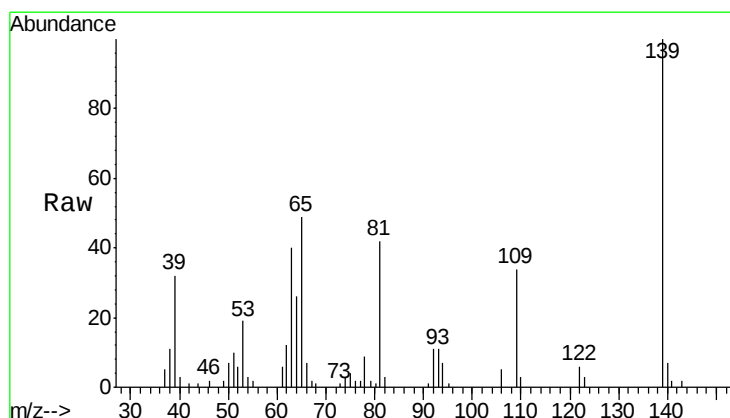
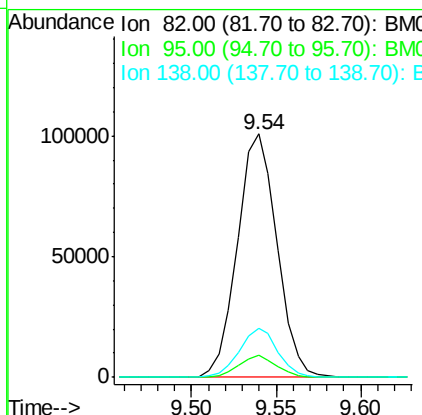
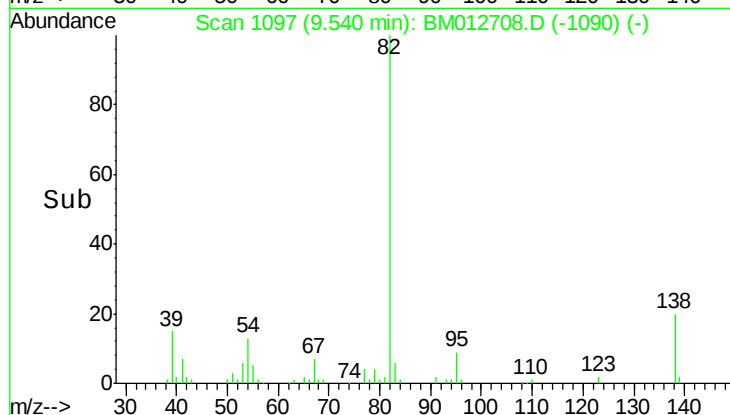




#21
Isophorone
Concen: 19.52 ng/ul
RT: 9.54 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

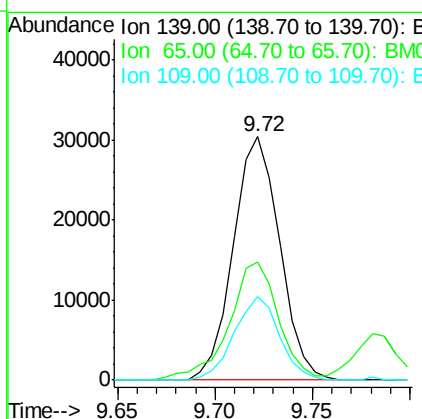
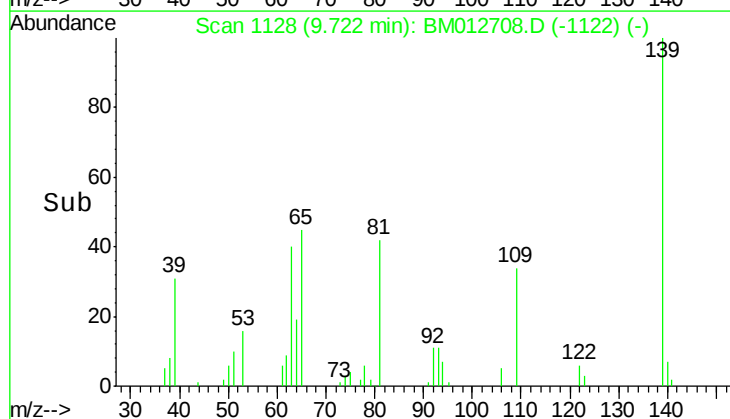
Instrument :
BNA_M
ClientSampled :
SICV93

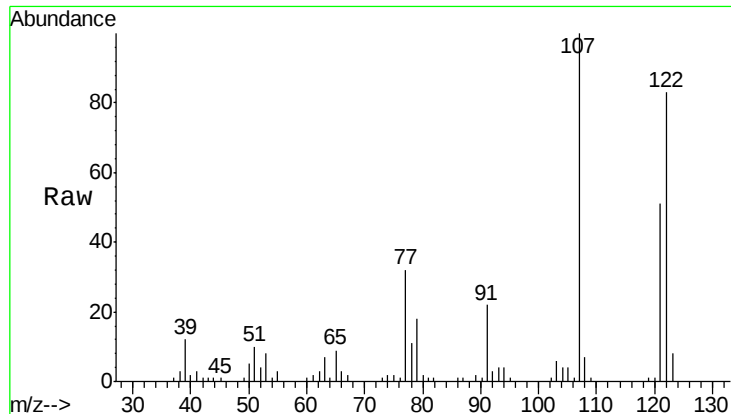
Tot Ion: 82 Resp: 164432
Ion Ratio Lower Upper
82 100
95 9.2 6.4 9.6
138 19.9 14.9 22.3



#23
2-Nitrophenol
Concen: 20.48 ng/ul
RT: 9.72 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:139 Resp: 50147
Ion Ratio Lower Upper
139 100
65 48.7 36.3 54.5
109 34.2 26.4 39.6

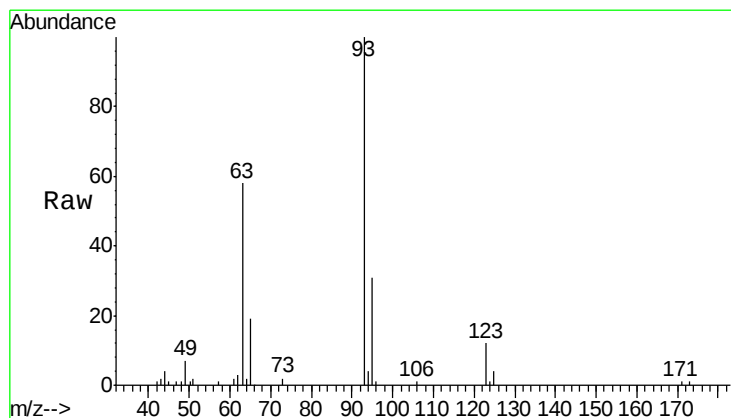
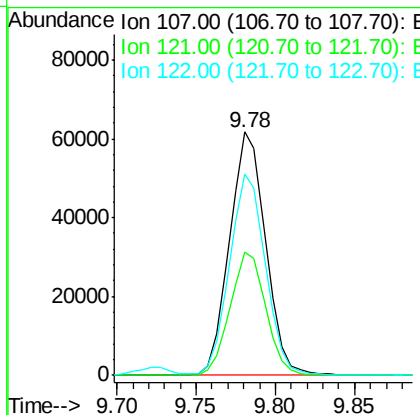
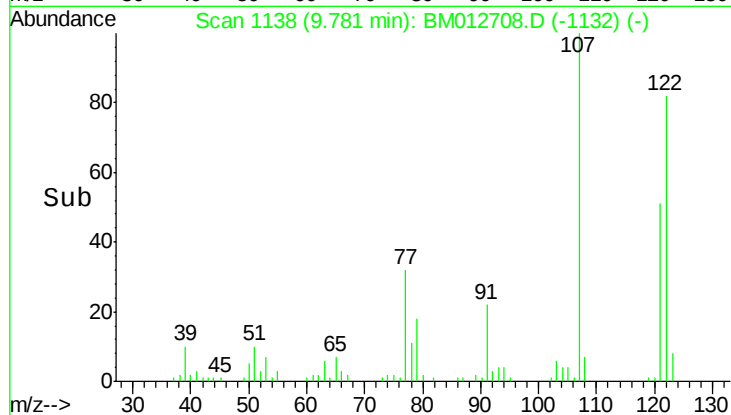




#24
 2,4-Dimethylphenol
 Concen: 19.55 ng/ul
 RT: 9.78 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

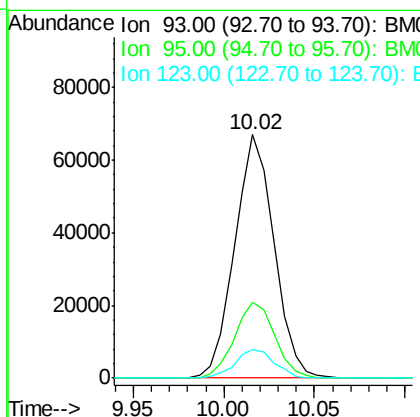
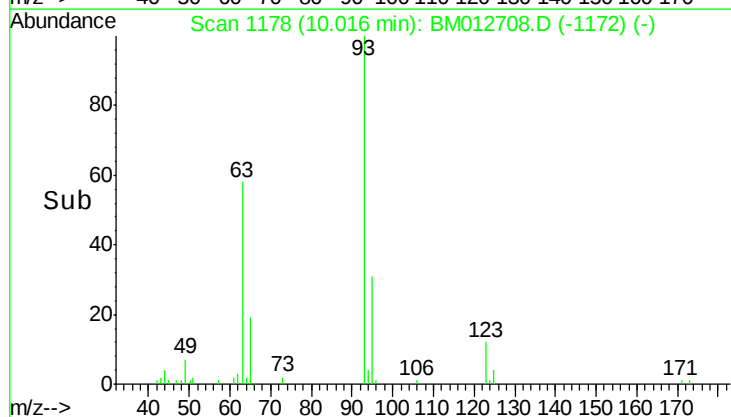
Instrument :
 BNA_M
 ClientSampled :
 SICV93

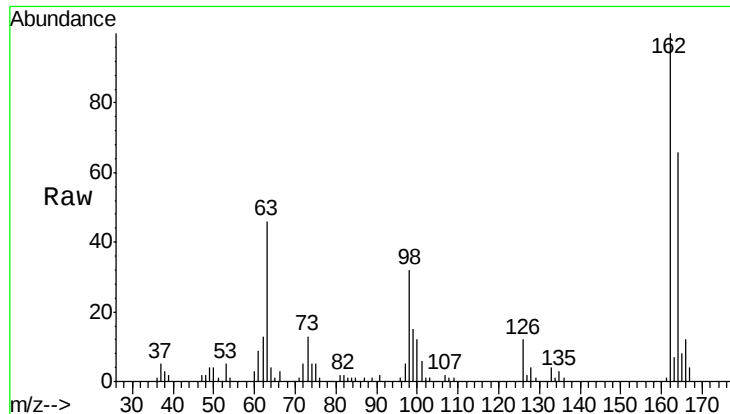
Tot Ion:	107	Resp:	97333
Ion	Ratio	Lower	Upper
107	100		
121	50.7	40.6	61.0
122	82.7	67.8	101.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.23 ng/ul
 RT: 10.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:	93	Resp:	100968
Ion	Ratio	Lower	Upper
93	100		
95	31.0	25.8	38.8
123	11.6	9.8	14.8

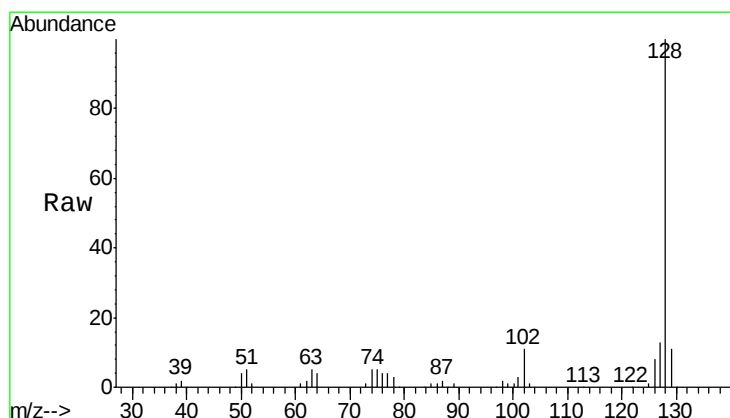
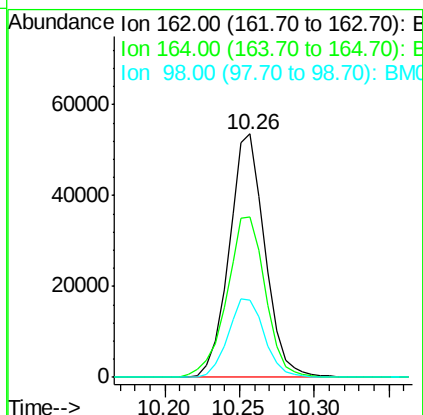
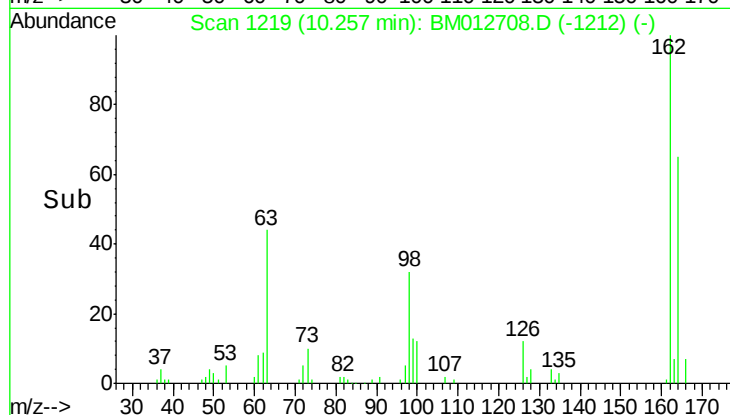




#27
 2,4-Dichlorophenol
 Concen: 19.65 ng/ul
 RT: 10.26 min Scan# 1219
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

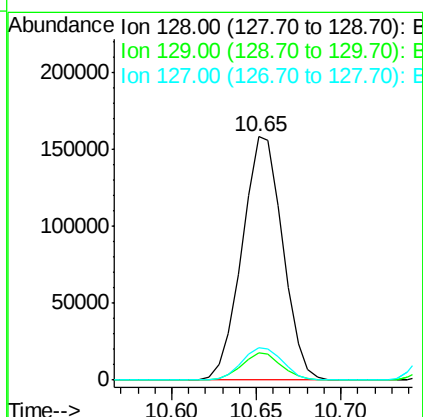
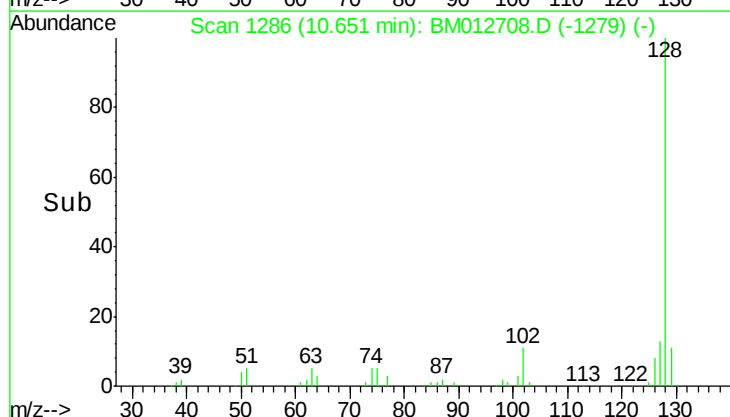
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

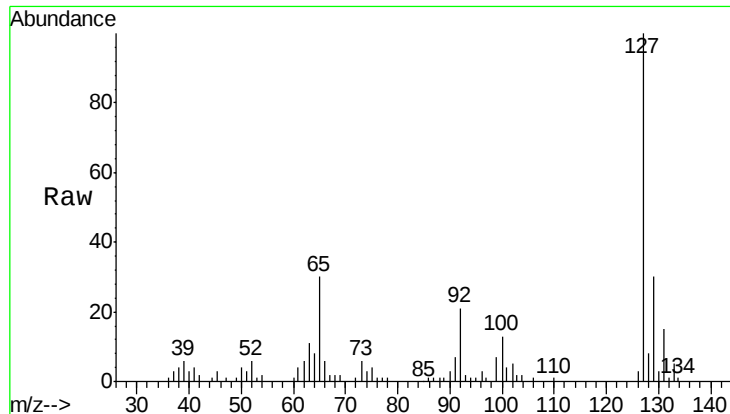
Tot Ion:162 Resp: 89268
 Ion Ratio Lower Upper
 162 100
 164 66.0 52.1 78.1
 98 31.7 28.4 42.6



#28
 Naphthalene
 Concen: 19.80 ng/ul
 RT: 10.65 min Scan# 1286
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:128 Resp: 266217
 Ion Ratio Lower Upper
 128 100
 129 11.1 8.8 13.2
 127 13.2 10.5 15.7

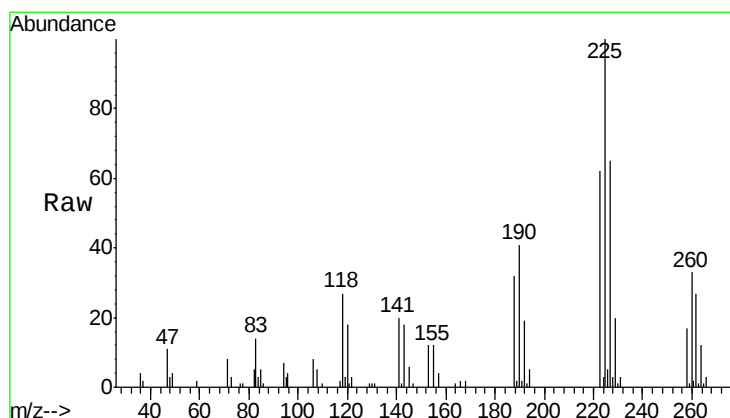
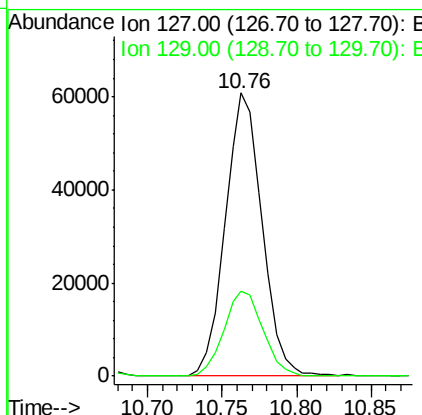
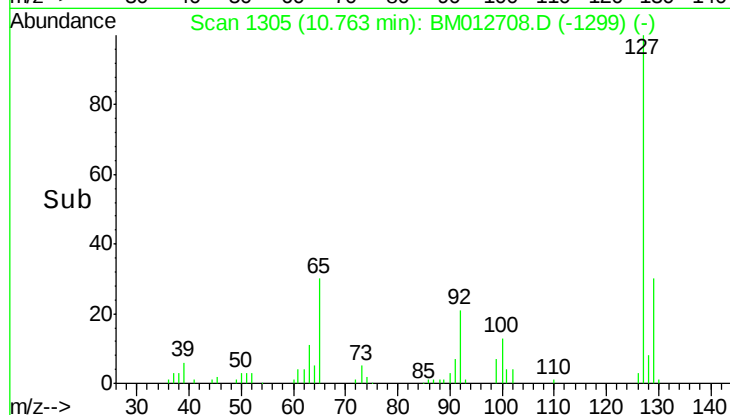




#30
 4-Chloroaniline
 Concen: 23.11 ng/ul
 RT: 10.76 min Scan# 1305
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

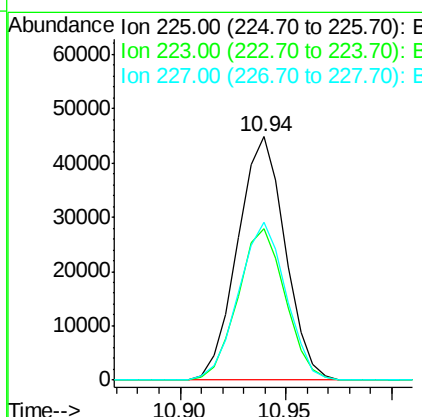
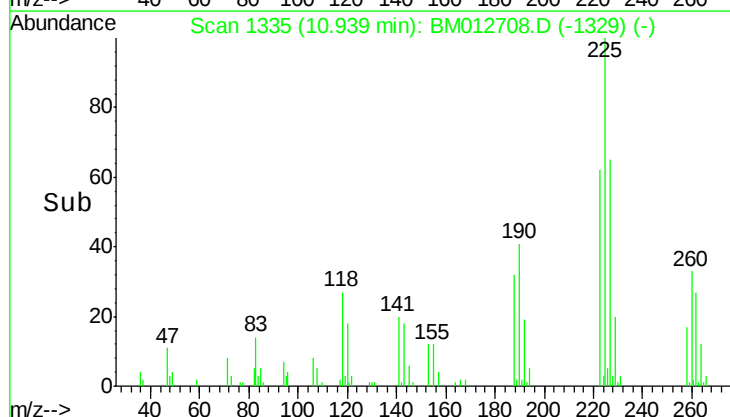
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

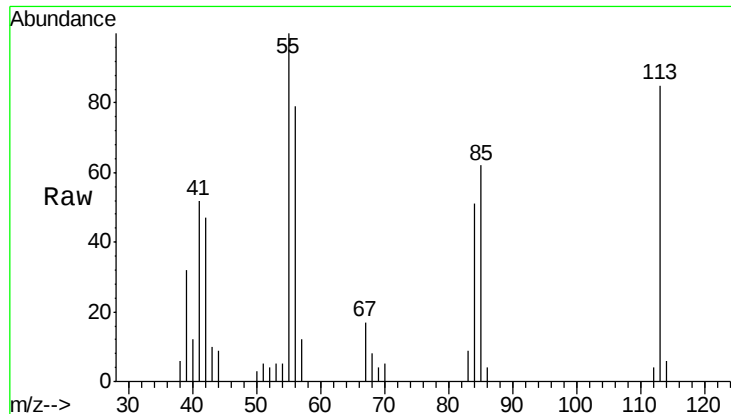
Tot Ion:127 Resp: 104527
 Ion Ratio Lower Upper
 127 100
 129 30.1 25.4 38.2



#31
 Hexachlorobutadiene
 Concen: 19.63 ng/ul
 RT: 10.94 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:225 Resp: 70120
 Ion Ratio Lower Upper
 225 100
 223 62.4 51.4 77.2
 227 64.6 50.7 76.1





#32

Caprolactam

Concen: 17.93 ng/ul

RT: 11.55 min Scan# 1439

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

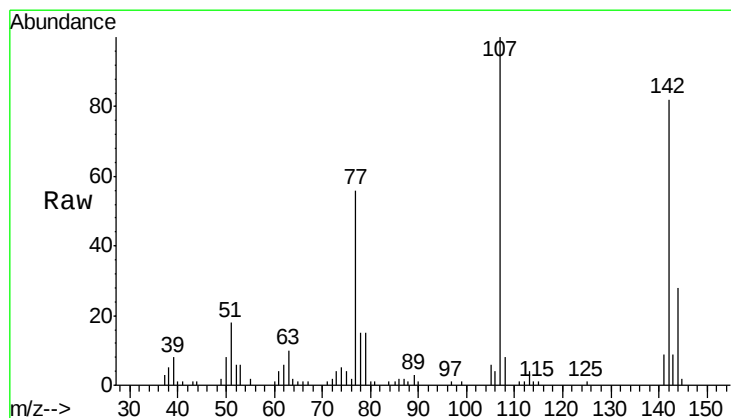
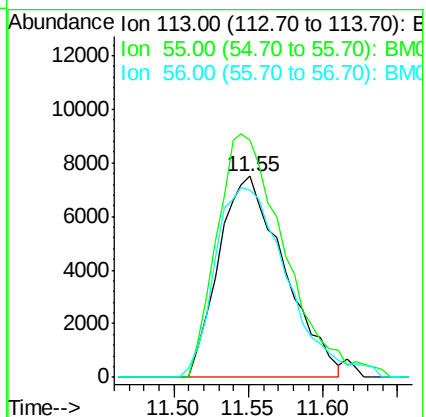
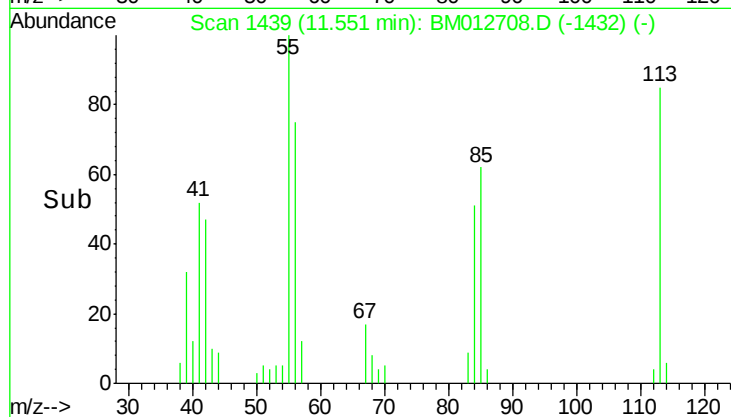
Tot Ion:113 Resp: 22908

Ion Ratio Lower Upper

113 100

55 118.2 101.9 152.9

56 93.2 81.2 121.8



#33

4-Chloro-3-methylphenol

Concen: 19.69 ng/ul

RT: 11.89 min Scan# 1497

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

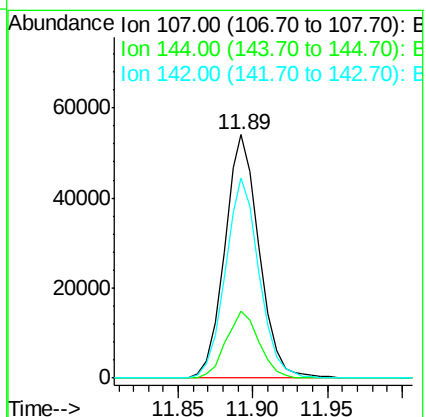
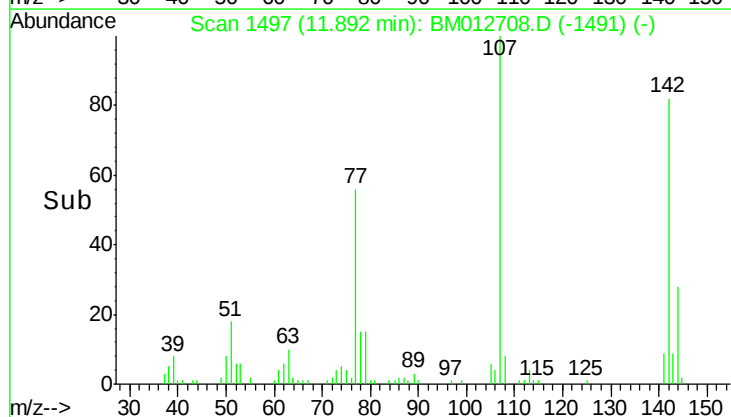
Tgt Ion:107 Resp: 86964

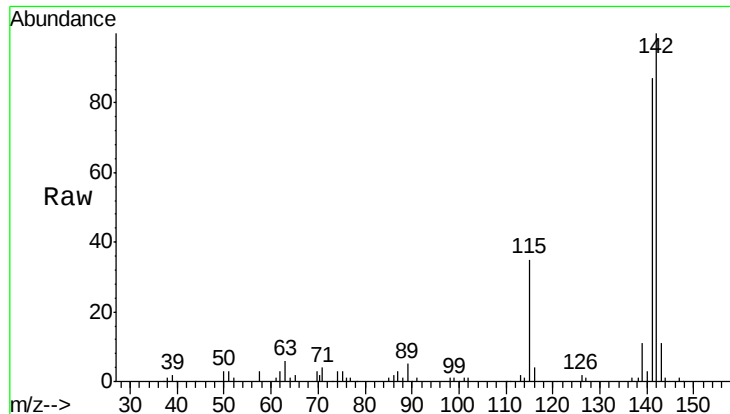
Ion Ratio Lower Upper

107 100

144 27.7 20.4 30.6

142 82.4 62.5 93.7

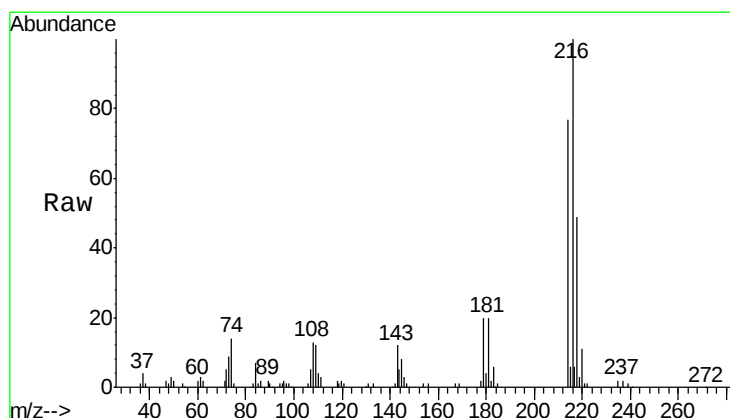
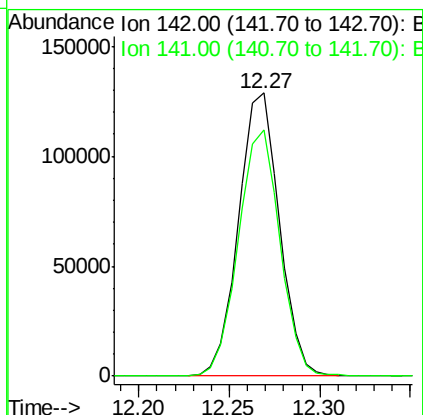
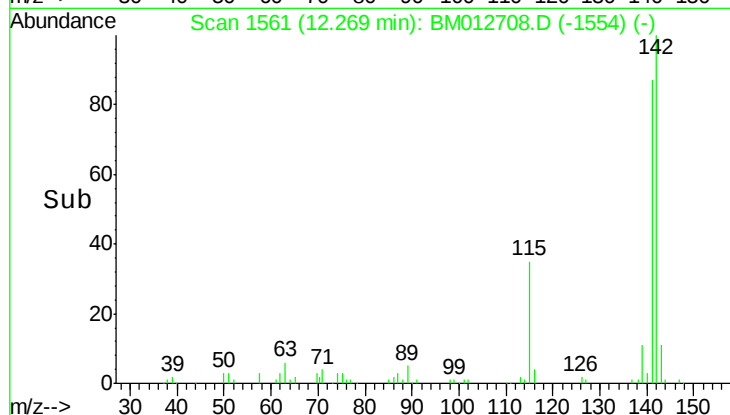




#34
 2-Methylnaphthalene
 Concen: 19.69 ng/ul
 RT: 12.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

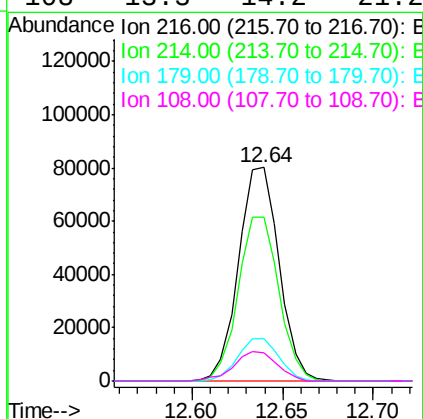
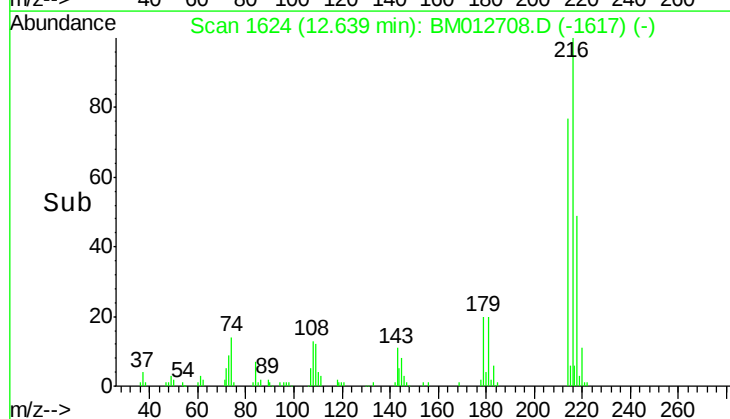
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

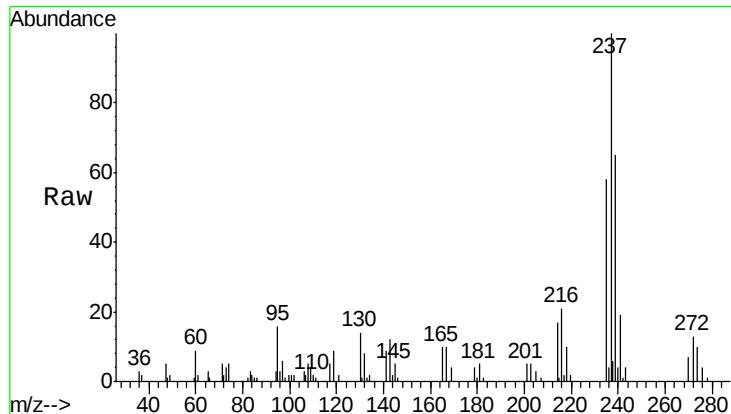
Tot Ion:142 Resp: 202330
 Ion Ratio Lower Upper
 142 100
 141 87.0 71.6 107.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.58 ng/ul
 RT: 12.64 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:216 Resp: 124931
 Ion Ratio Lower Upper
 216 100
 214 76.7 62.5 93.7
 179 20.0 18.2 27.2
 108 13.3 14.2 21.2#

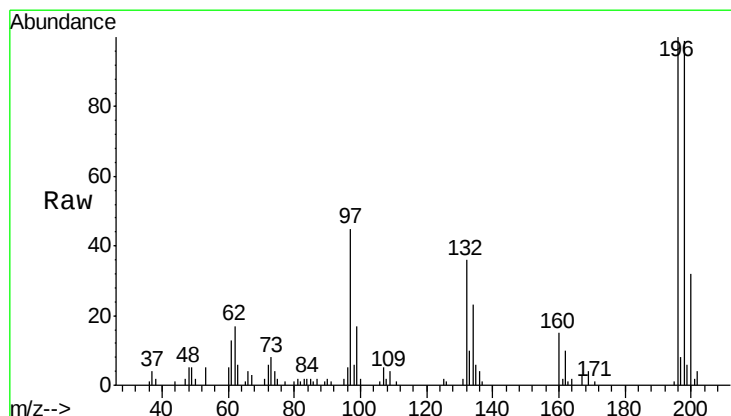
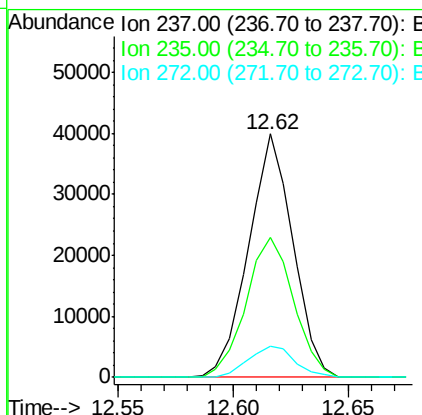
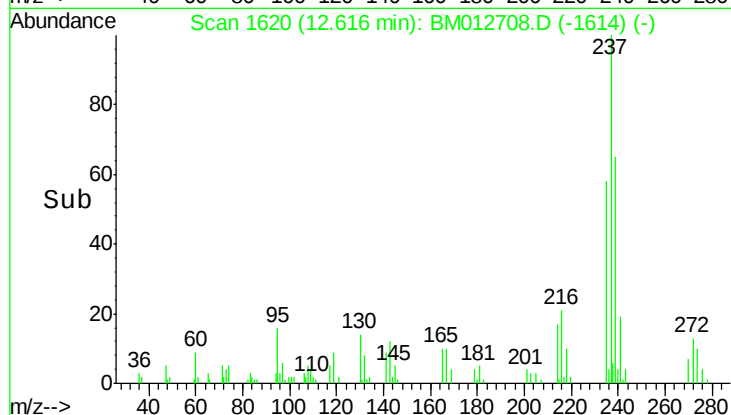




#37
Hexachlorocyclopentadiene
Concen: 17.27 ng/ul
RT: 12.62 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

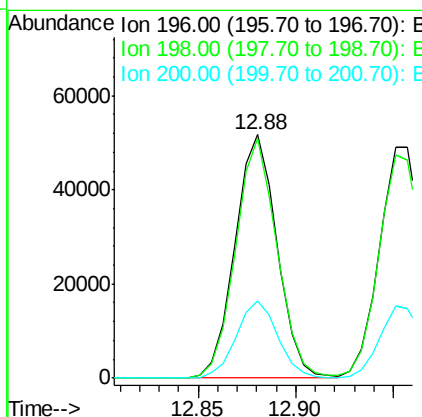
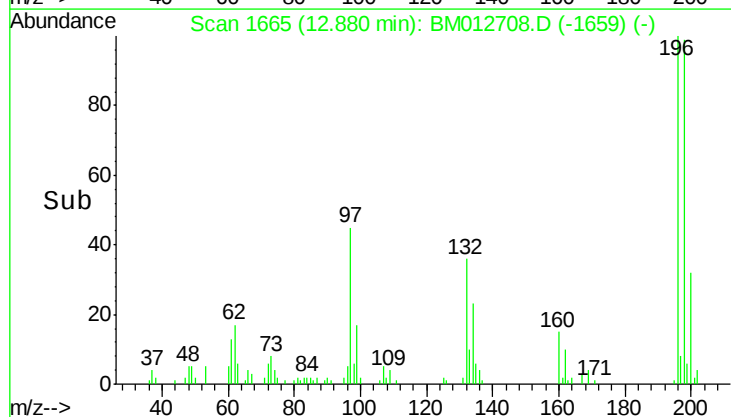
Instrument :
BNA_M
ClientSampleId :
SICV93

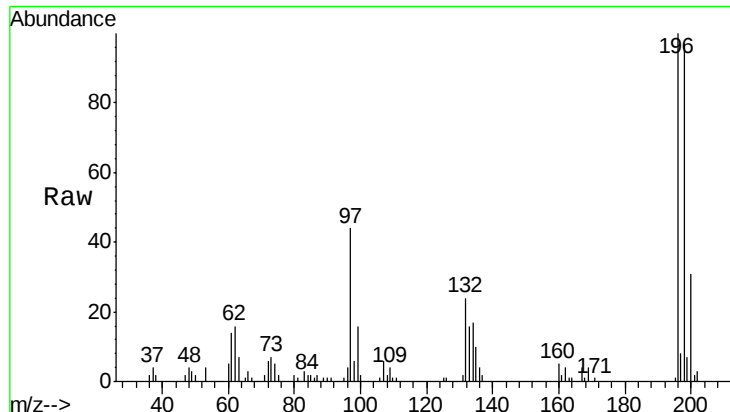
Tot Ion:237 Resp: 53405
Ion Ratio Lower Upper
237 100
235 57.6 50.4 75.6
272 12.7 9.6 14.4



#38
2,4,6-Trichlorophenol
Concen: 20.13 ng/ul
RT: 12.88 min Scan# 1665
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:196 Resp: 77240
Ion Ratio Lower Upper
196 100
198 98.5 76.6 114.8
200 31.6 24.7 37.1

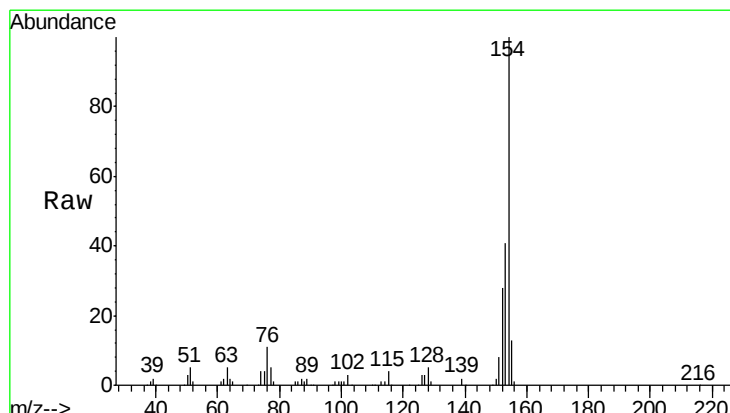
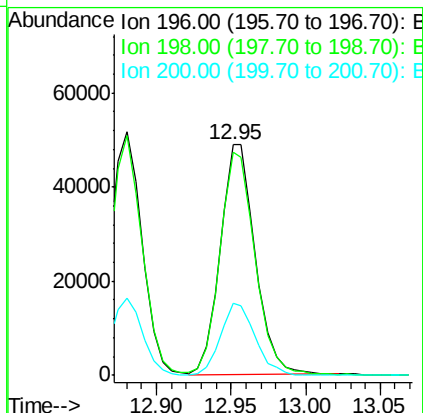
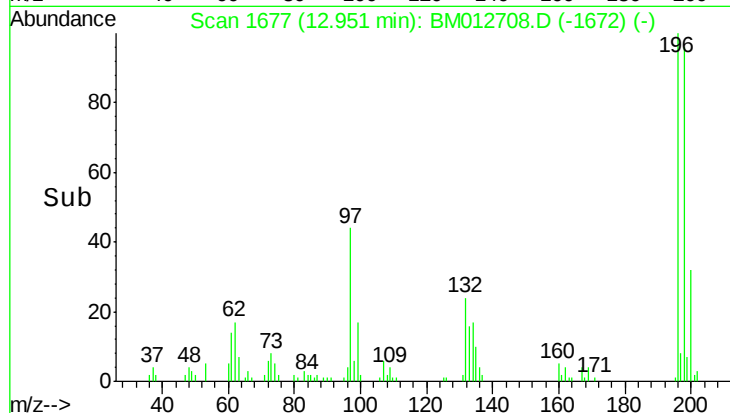




#39
 2,4,5-Trichlorophenol
 Concen: 20.03 ng/ul
 RT: 12.95 min Scan# 1677
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

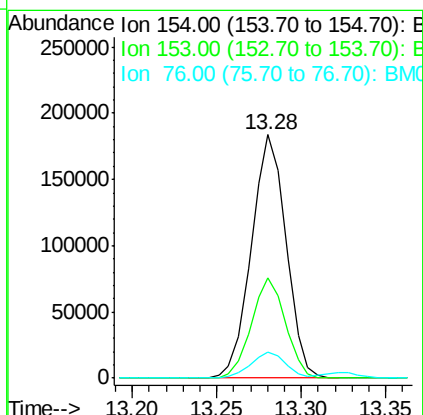
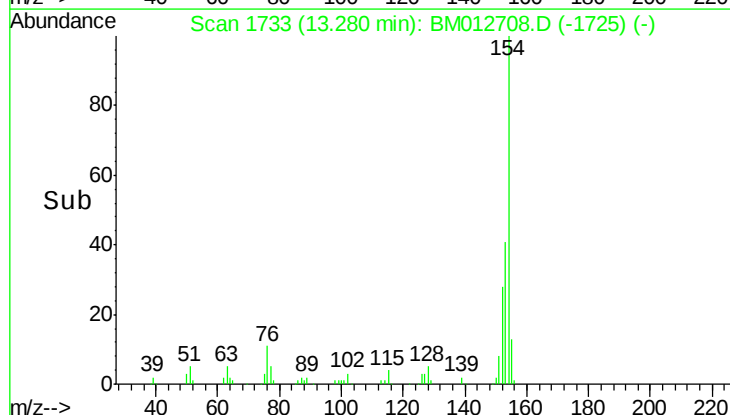
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

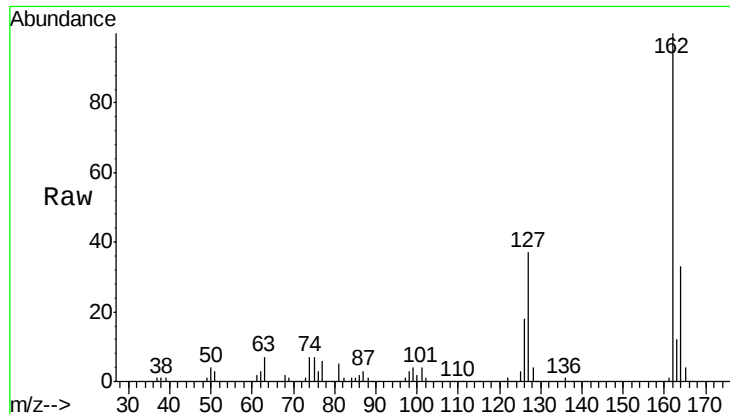
Tot Ion:196	Resp:	80190
Ion Ratio	Lower	Upper
196	100	
198	96.7	76.9 115.3
200	31.3	25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 20.26 ng/ul
 RT: 13.28 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:154	Resp:	262829
Ion Ratio	Lower	Upper
154	100	
153	41.0	32.1 48.1
76	10.9	9.5 14.3

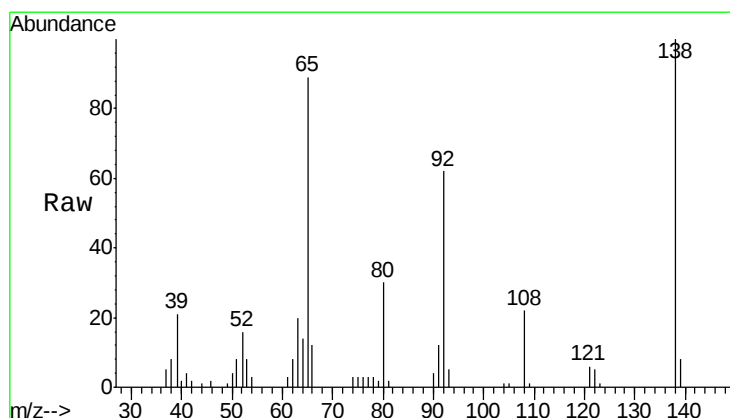
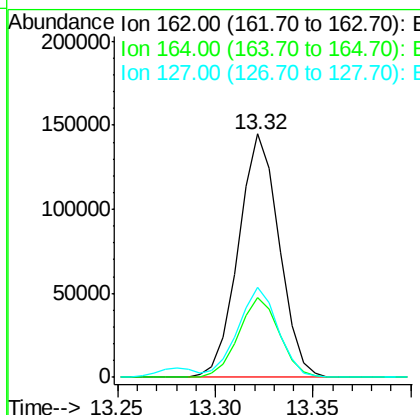
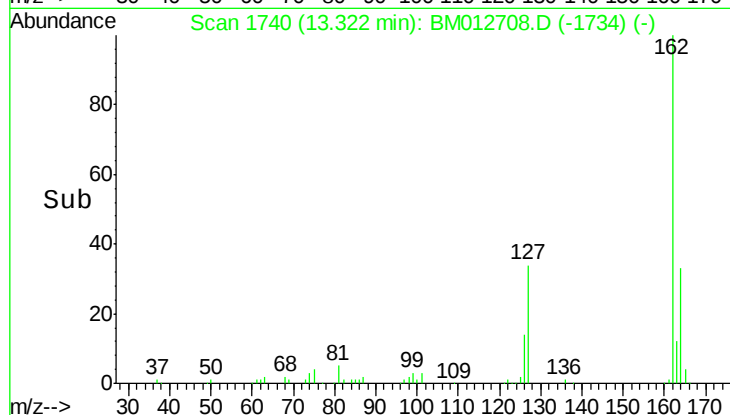




#41
 2-Chloronaphthalene
 Concen: 20.41 ng/ul
 RT: 13.32 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

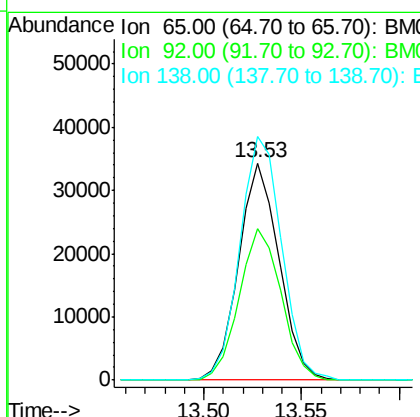
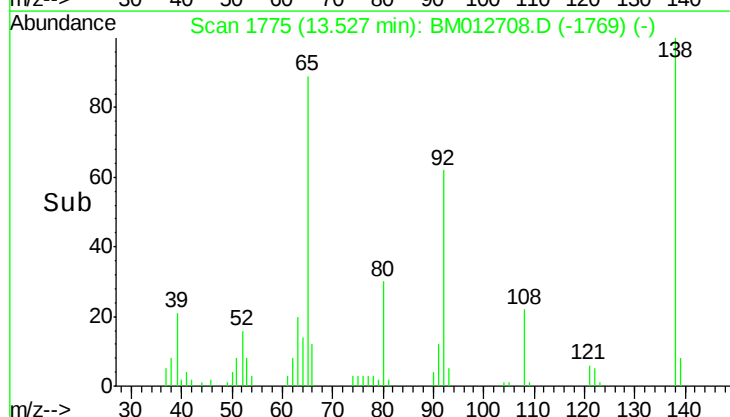
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

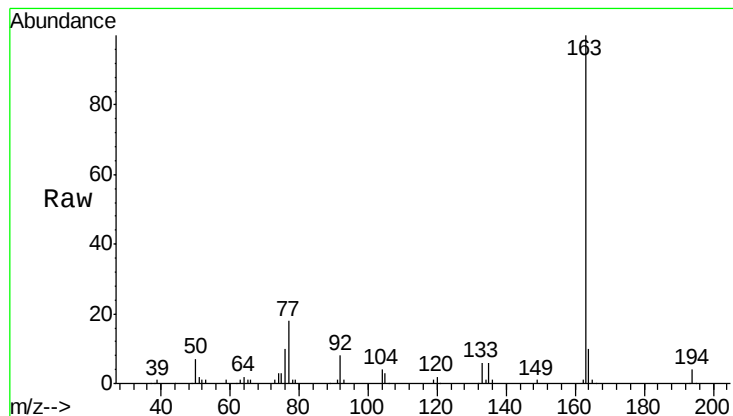
Tot Ion:162 Resp: 209211
 Ion Ratio Lower Upper
 162 100
 164 33.0 25.9 38.9
 127 36.9 34.1 51.1



#42
 2-Nitroaniline
 Concen: 20.48 ng/ul
 RT: 13.53 min Scan# 1775
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion: 65 Resp: 49603
 Ion Ratio Lower Upper
 65 100
 92 69.9 60.4 90.6
 138 112.2 99.8 149.6





#44

Dimethylphthalate

Concen: 20.07 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

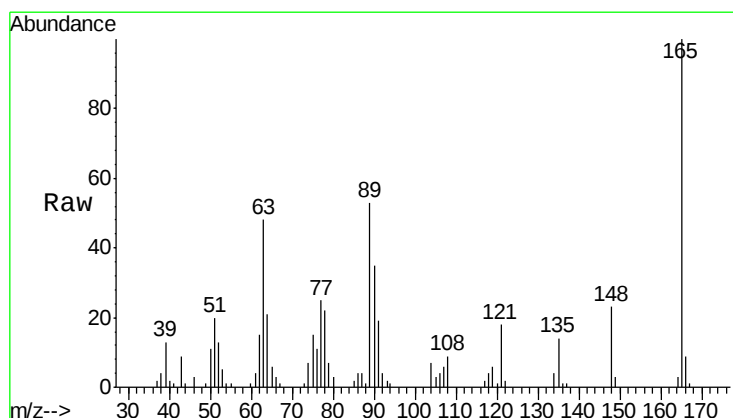
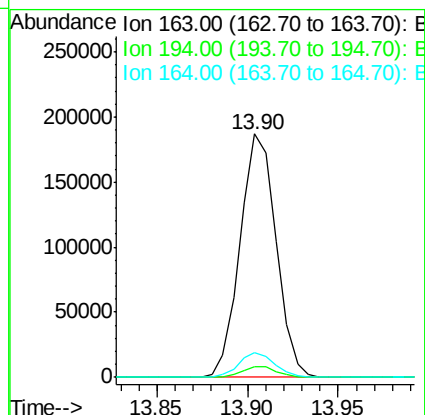
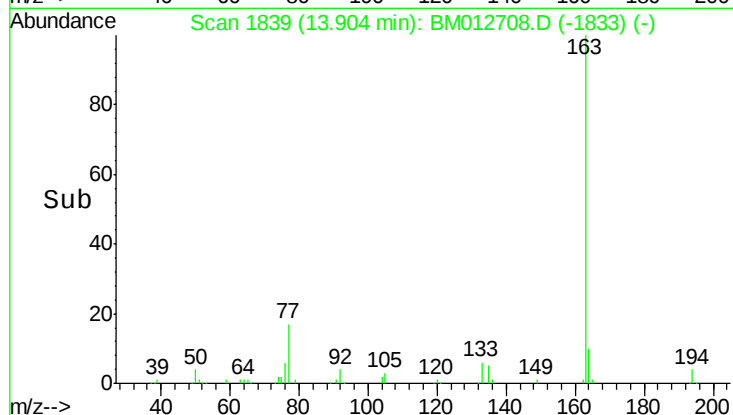
Tot Ion:163 Resp: 258521

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

164 10.1 7.8 11.8



#45

2,6-Dinitrotoluene

Concen: 20.14 ng/ul

RT: 14.03 min Scan# 1860

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

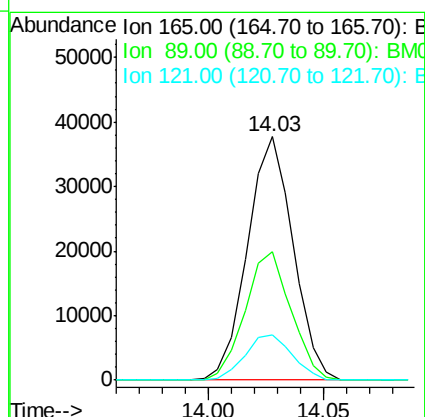
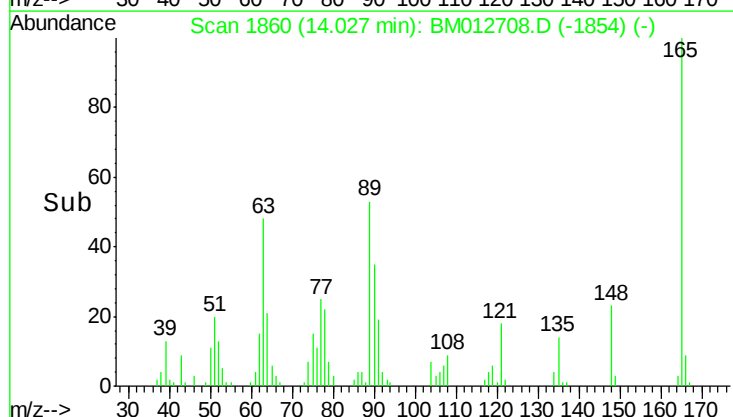
Tgt Ion:165 Resp: 51907

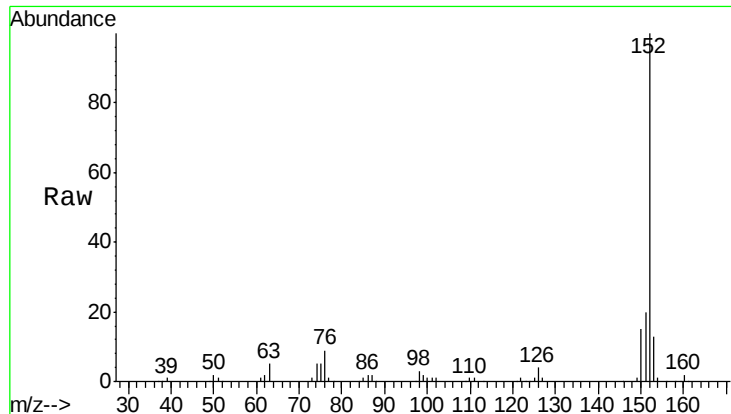
Ion Ratio Lower Upper

165 100

89 52.6 42.4 63.6

121 18.3 16.6 24.8





#47

Acenaphthylene

Concen: 20.35 ng/ul

RT: 14.17 min Scan# 1884

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

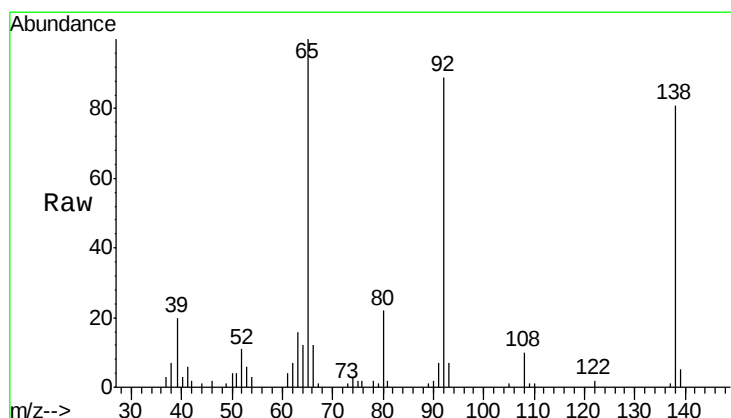
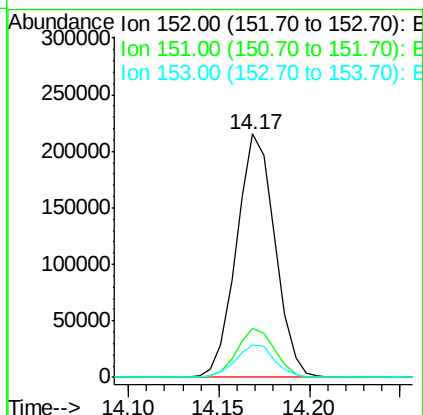
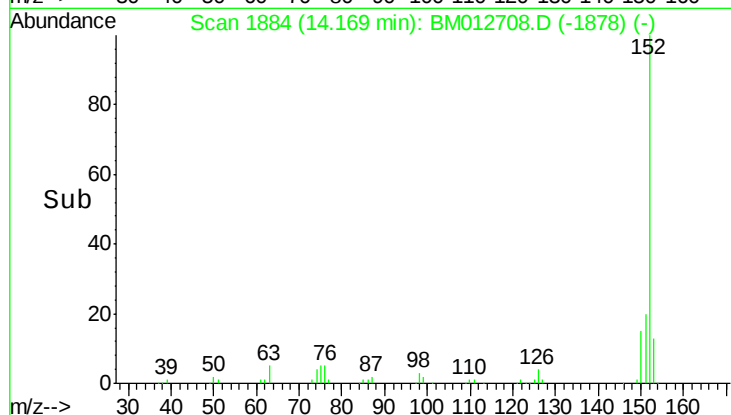
Tot Ion:152 Resp: 316688

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

153 13.2 10.5 15.7



#48

3-Nitroaniline

Concen: 22.02 ng/ul

RT: 14.36 min Scan# 1916

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

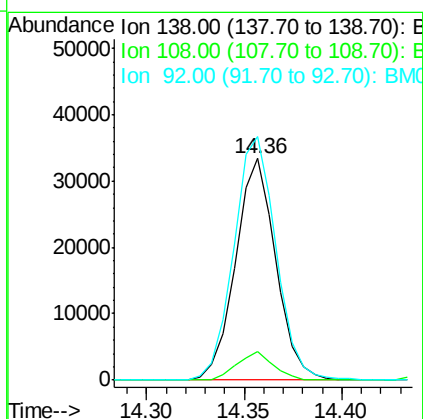
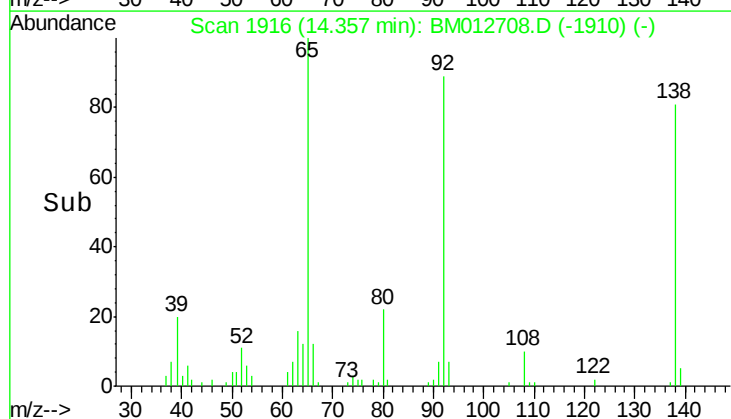
Tgt Ion:138 Resp: 47864

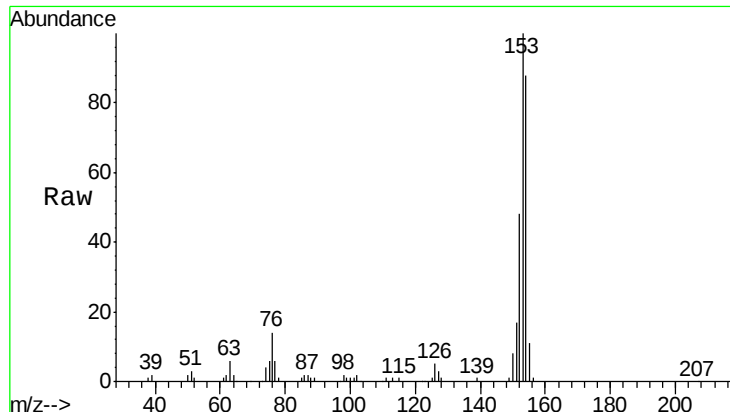
Ion Ratio Lower Upper

138 100

108 12.7 8.7 13.1

92 109.9 88.2 132.4





#49

Acenaphthene

Concen: 20.16 ng/ul

RT: 14.52 min Scan# 1943

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

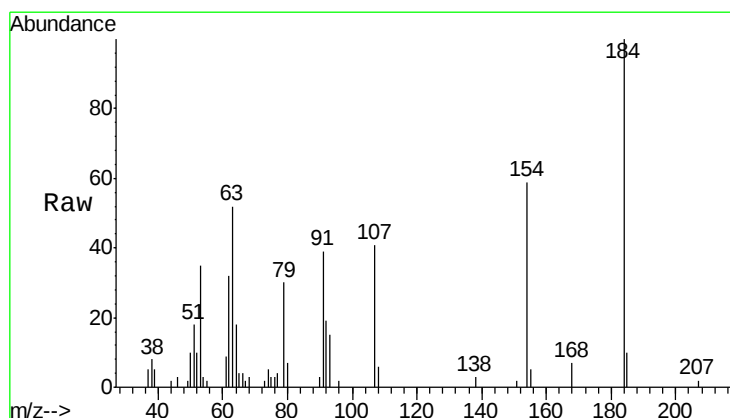
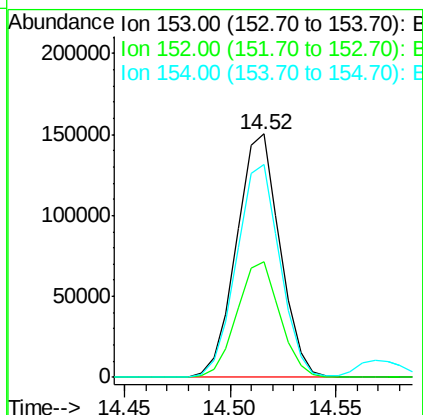
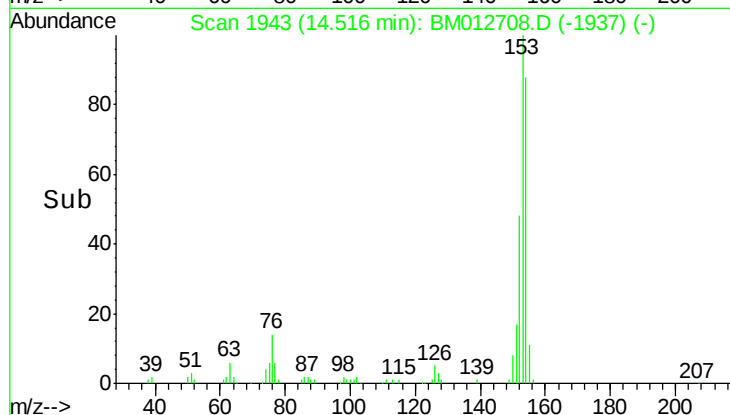
Tot Ion:153 Resp: 213709

Ion Ratio Lower Upper

153 100

152 47.6 38.3 57.5

154 87.6 71.8 107.8



#50

2,4-Dinitrophenol

Concen: 17.34 ng/ul

RT: 14.57 min Scan# 1952

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

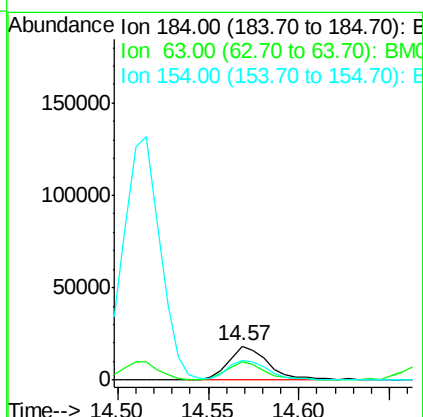
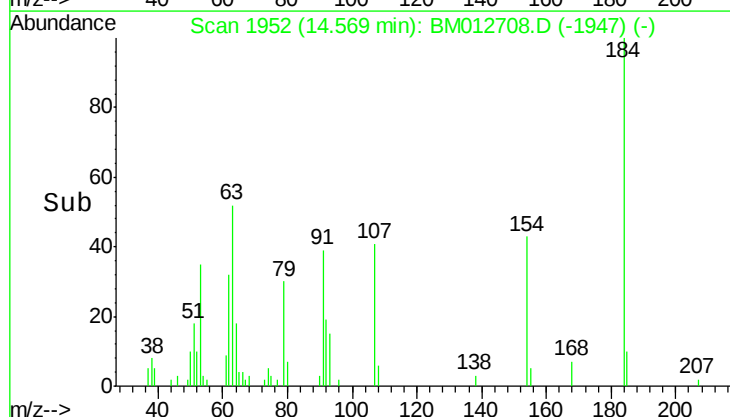
Tgt Ion:184 Resp: 27915

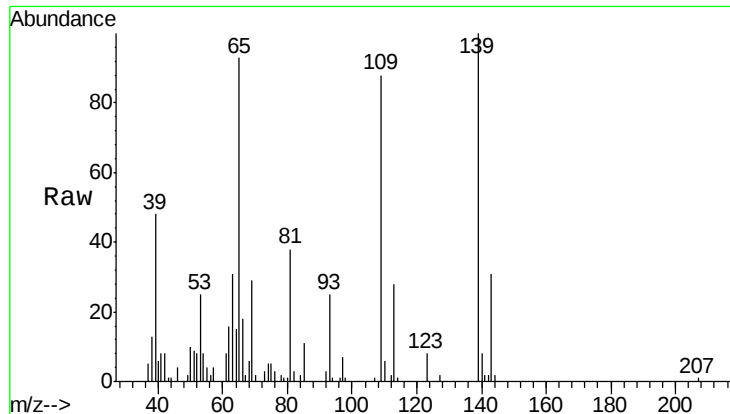
Ion Ratio Lower Upper

184 100

63 52.3 46.5 69.7

154 59.3 54.6 82.0

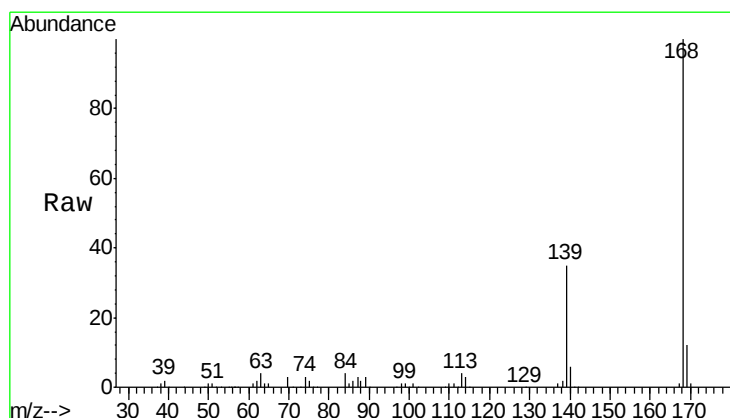
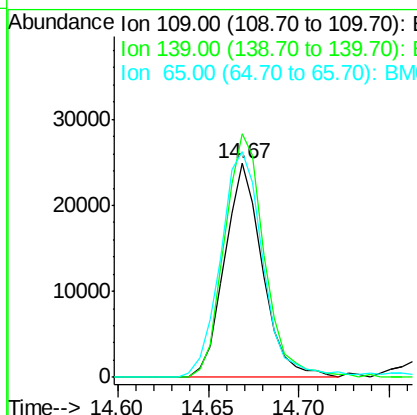
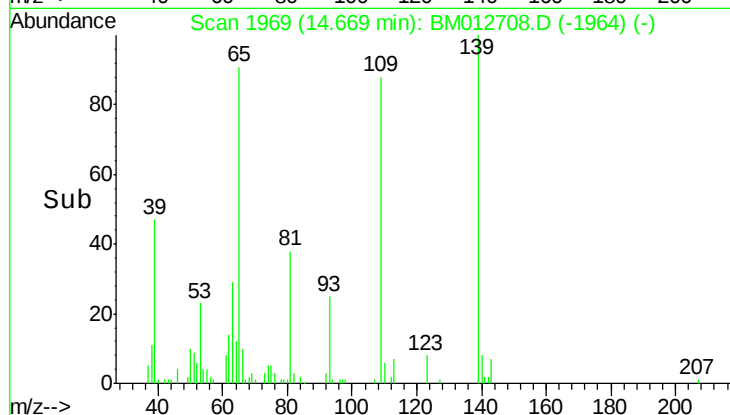




#52
4-Nitrophenol
Concen: 19.69 ng/ul
RT: 14.67 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

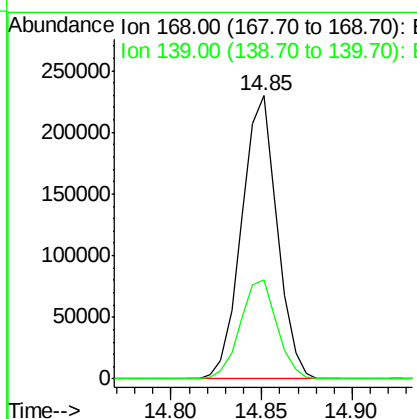
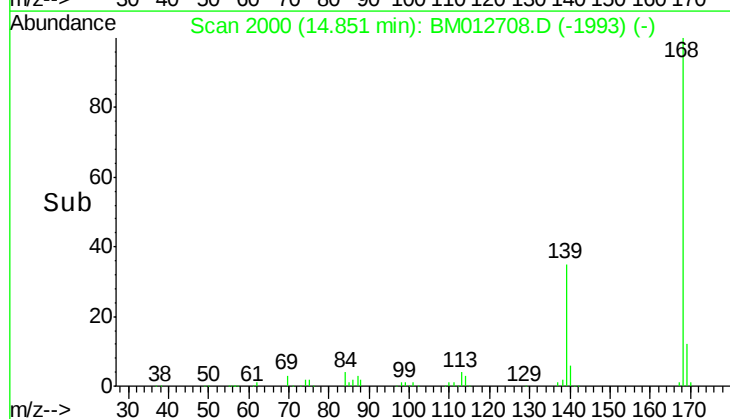
Instrument :
BNA_M
ClientSampleId :
SICV93

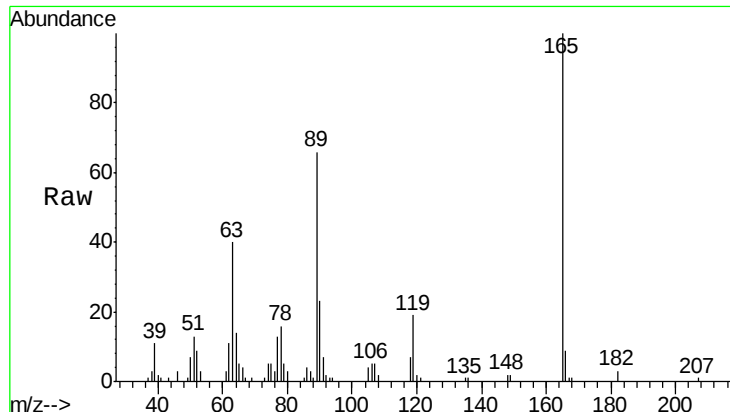
Tot Ion	Ratio	Lower	Upper
109	100		
139	113.8	103.7	155.5
65	105.4	89.4	134.2



#53
Dibenzofuran
Concen: 20.27 ng/ul
RT: 14.85 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.9	32.2	48.2





#54

2,4-Dinitrotoluene

Concen: 20.08 ng/ul

RT: 14.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Instrument :

BNA_M

ClientSampleId :

SICV93

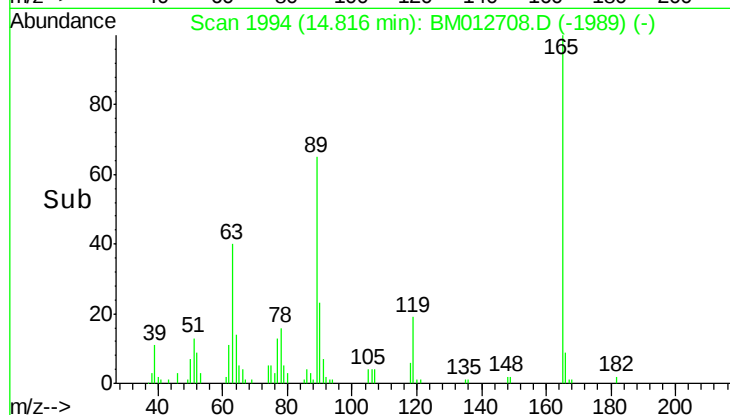
Tot Ion:165 Resp: 76120

Ion Ratio Lower Upper

165 100

63 39.8 29.8 44.6

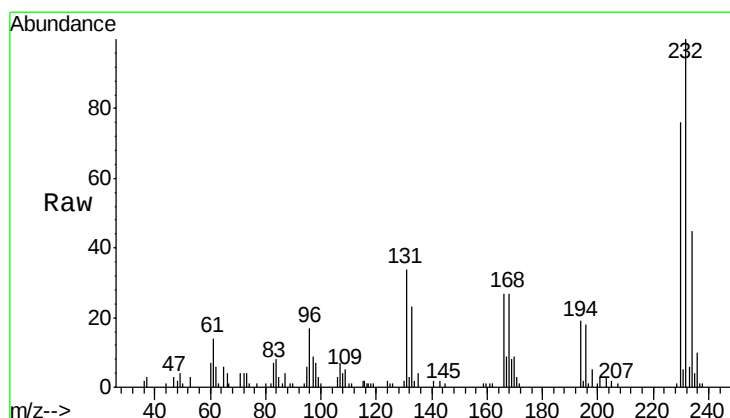
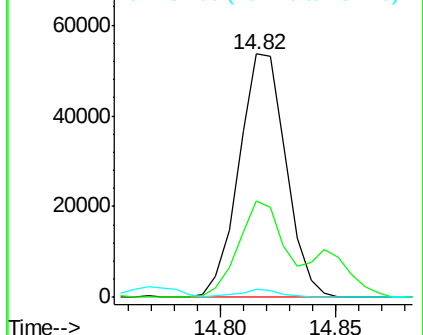
182 3.4 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.08 ng/ul

RT: 15.07 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BM012708.D

Acq: 04 Nov 2017 15:35

Tgt Ion:232 Resp: 74620

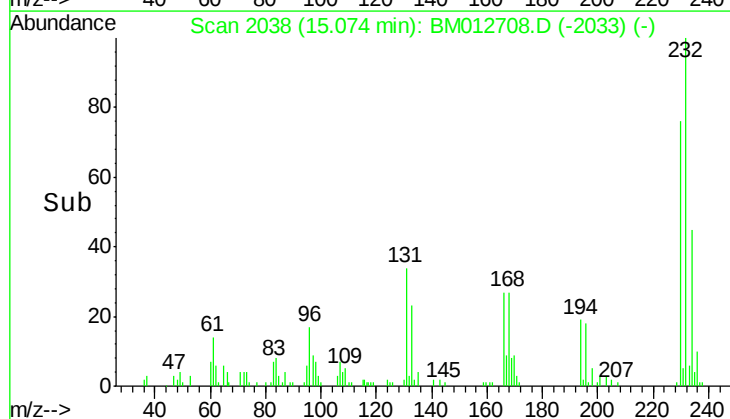
Ion Ratio Lower Upper

232 100

131 34.2 39.4 59.2#

130 1.7 2.2 3.2#

166 27.2 26.6 39.8

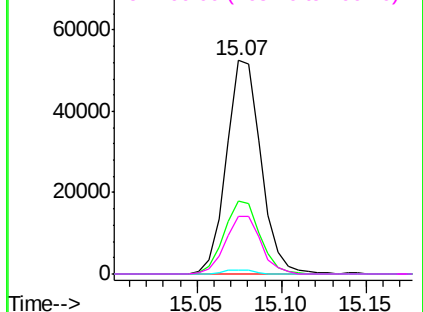


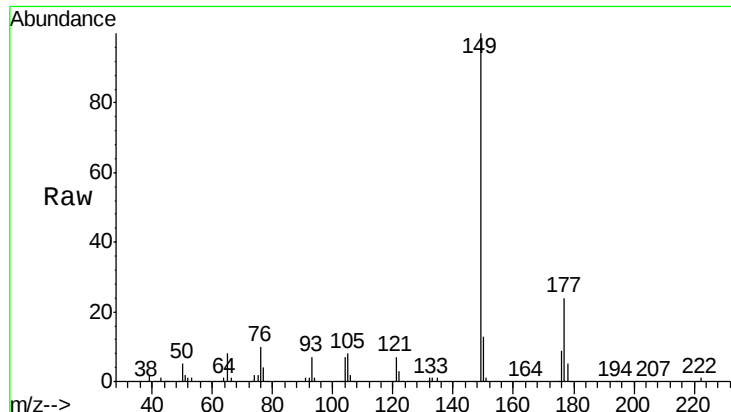
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

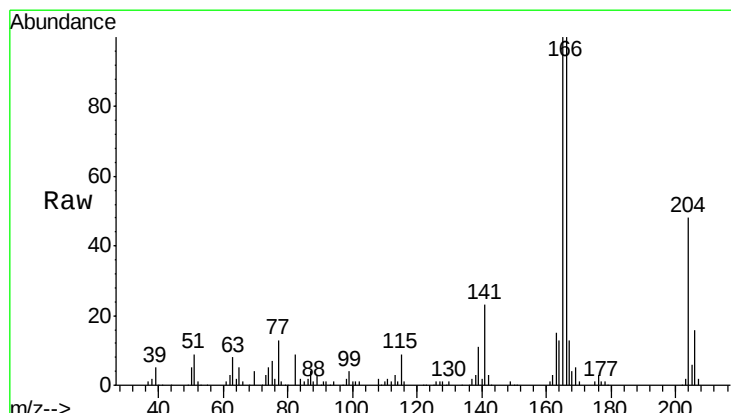
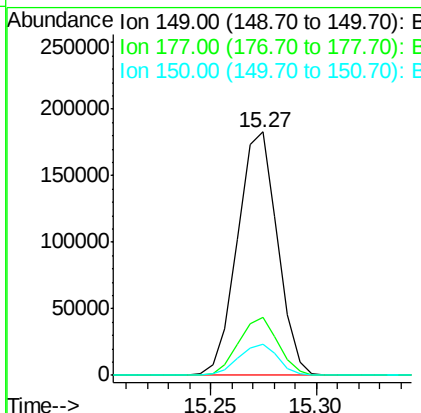
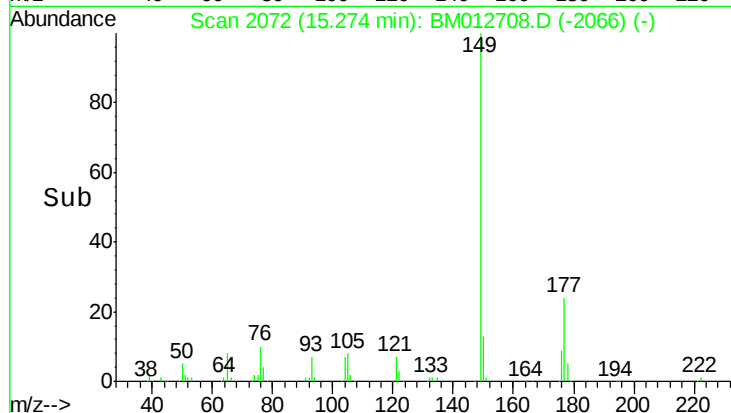




#56
Diethylphthalate
Concen: 19.20 ng/ul
RT: 15.27 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

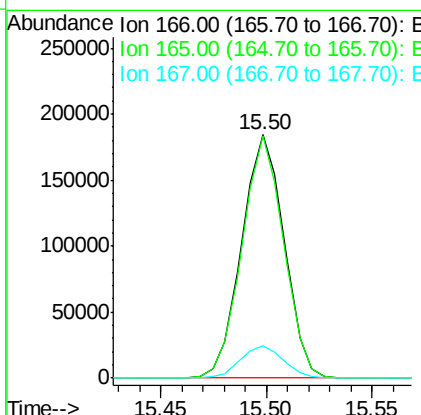
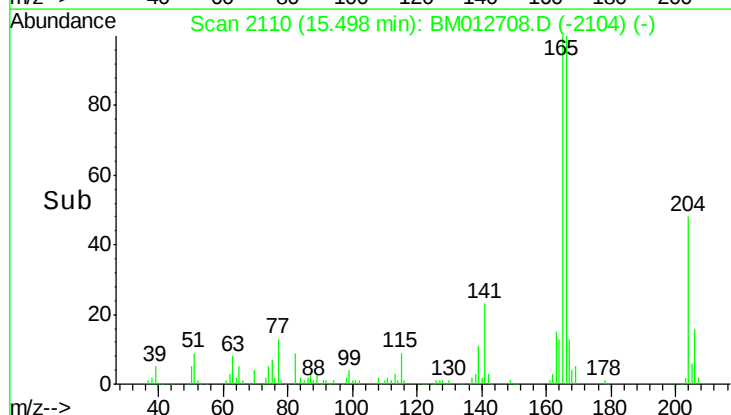
Instrument :
BNA_M
ClientSampleId :
SICV93

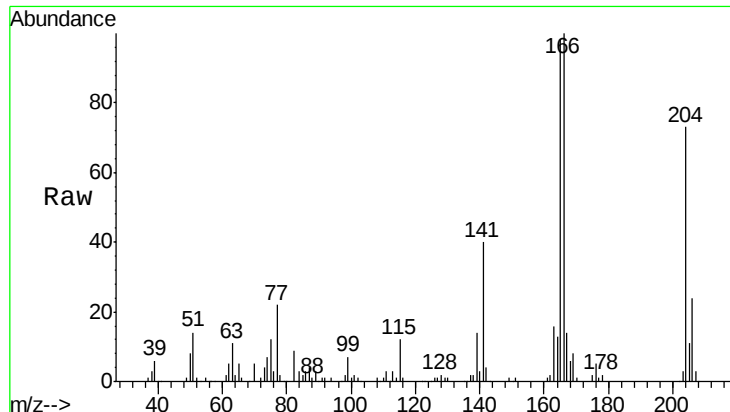
Tot Ion:	149	Resp:	240125
Ion	Ratio	Lower	Upper
149	100		
177	24.1	17.4	26.2
150	12.7	10.0	15.0



#58
Fluorene
Concen: 20.06 ng/ul
RT: 15.50 min Scan# 2110
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:	166	Resp:	257638
Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.5	117.7
167	13.4	10.7	16.1

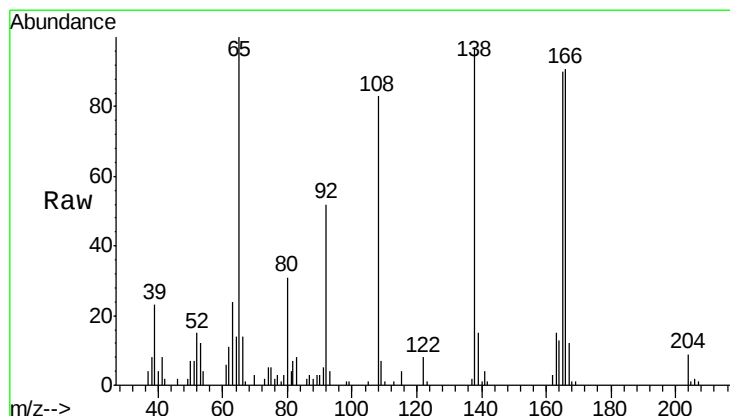
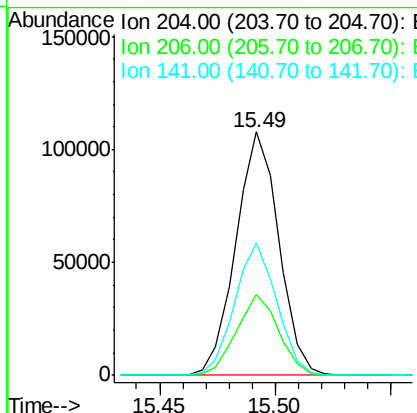
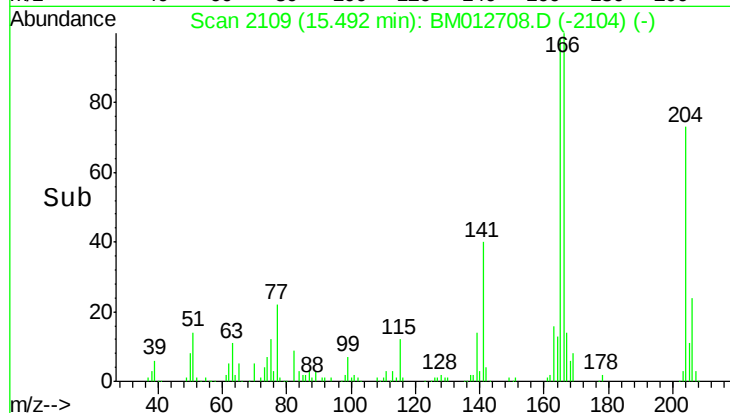




#59
 4-Chlorophenyl-phenylether
 Concen: 19.56 ng/ul
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

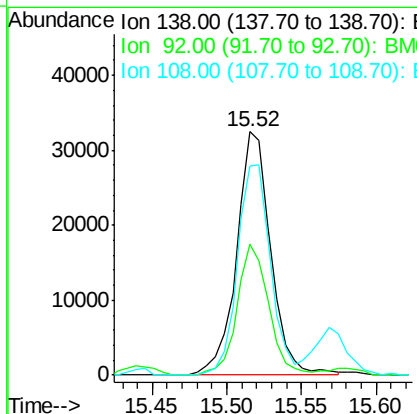
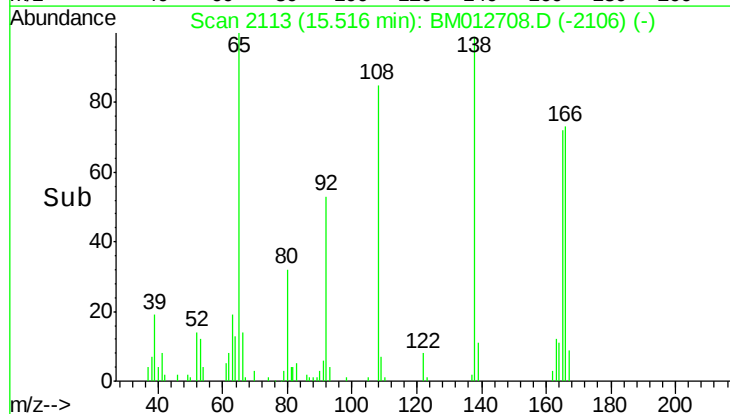
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

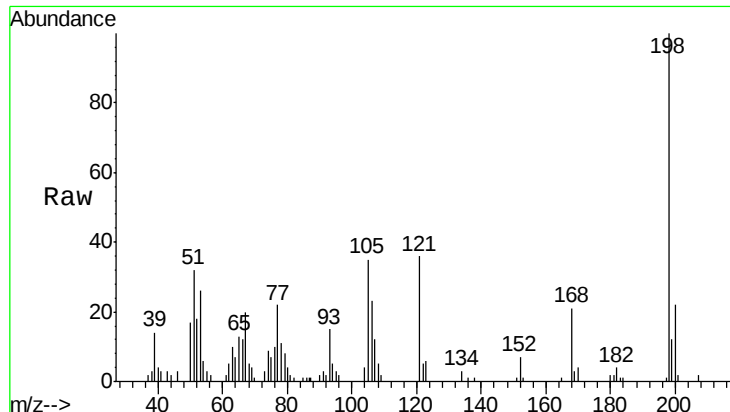
Tot Ion:	204	Resp:	139576
Ion Ratio	Lower	Upper	
204	100		
206	33.3	26.2	39.4
141	54.5	54.6	81.8#



#60
 4-Nitroaniline
 Concen: 20.42 ng/ul
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:	138	Resp:	51668
Ion Ratio	Lower	Upper	
138	100		
92	53.9	40.6	60.8
108	85.9	67.0	100.6

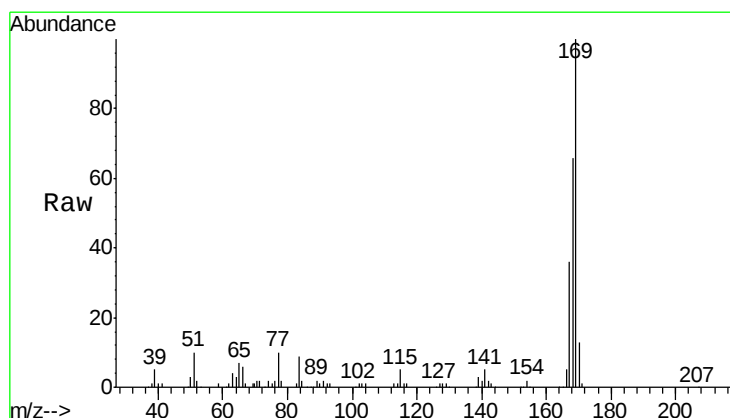
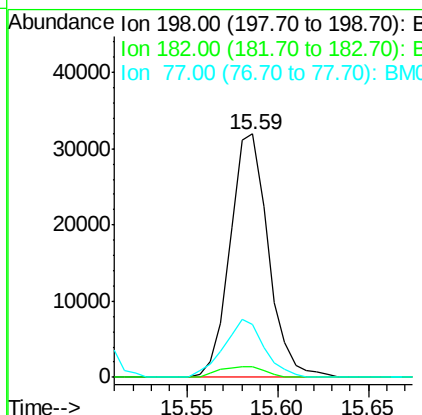
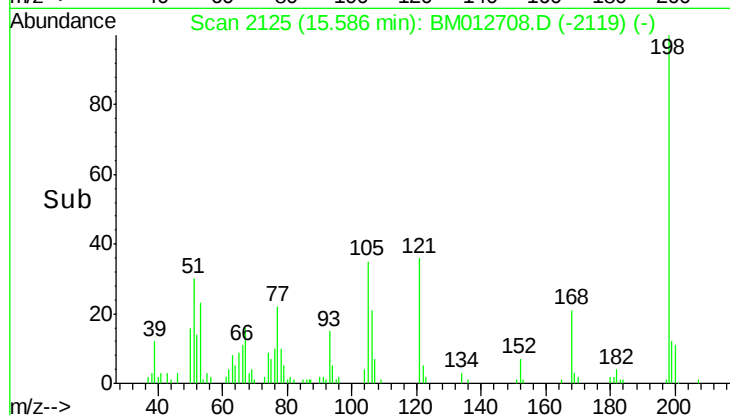




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.60 ng/ul
 RT: 15.59 min Scan# 2125
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

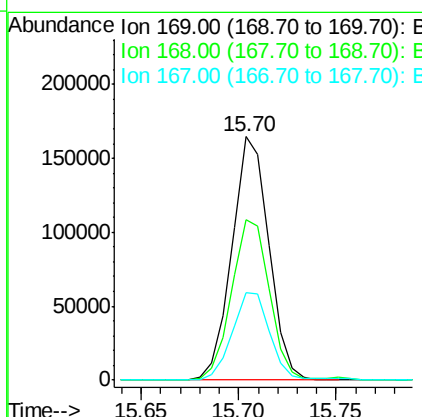
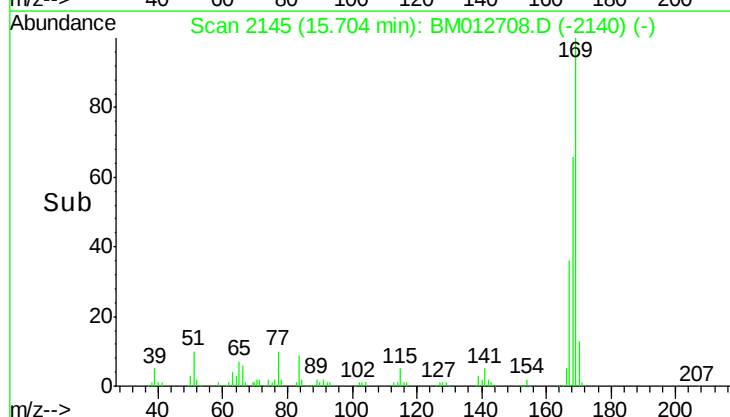
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

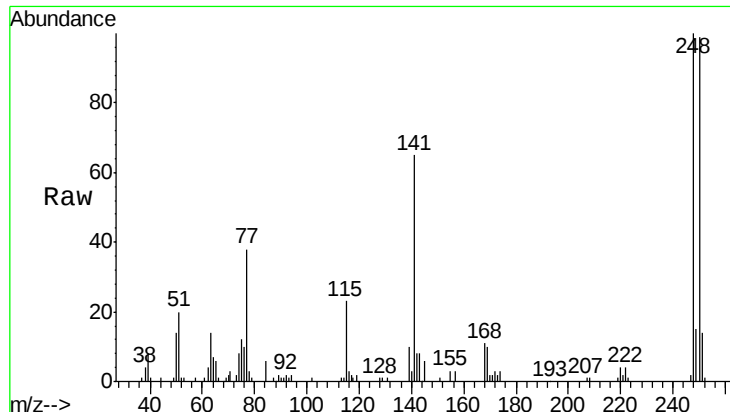
Tot Ion:198 Resp: 46897
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.1 4.7
 77 21.6 20.1 30.1



#64
 N-Nitrosodiphenylamine
 Concen: 19.73 ng/ul
 RT: 15.70 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:169 Resp: 216086
 Ion Ratio Lower Upper
 169 100
 168 65.8 53.8 80.8
 167 35.7 29.3 43.9

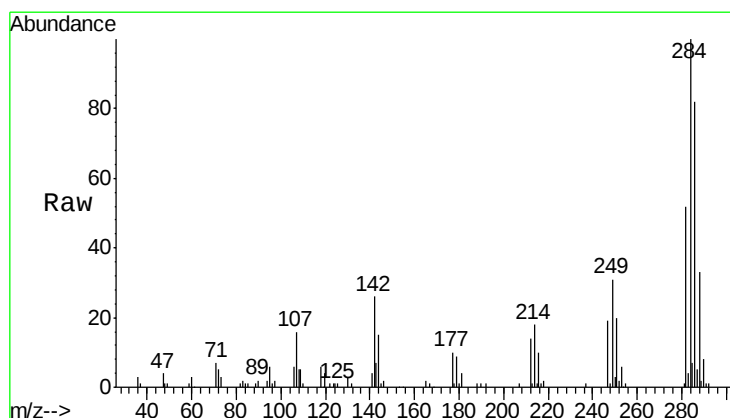
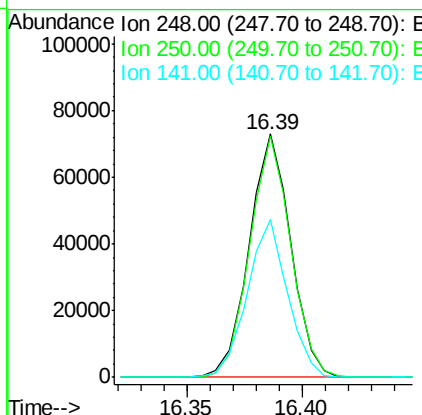
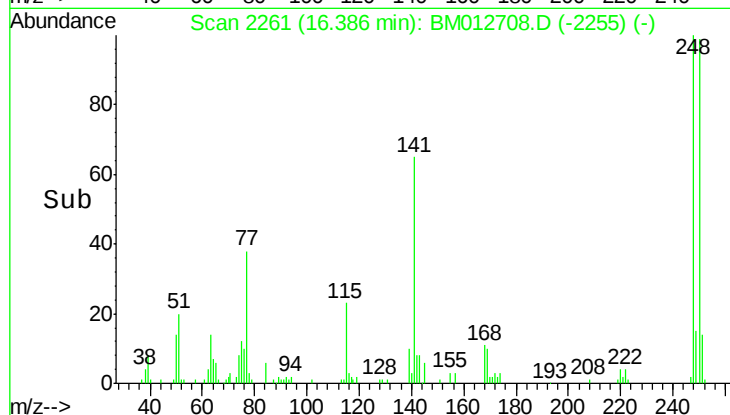




#65
 4-Bromophenyl-phenylether
 Concen: 19.43 ng/ul
 RT: 16.39 min Scan# 2261
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

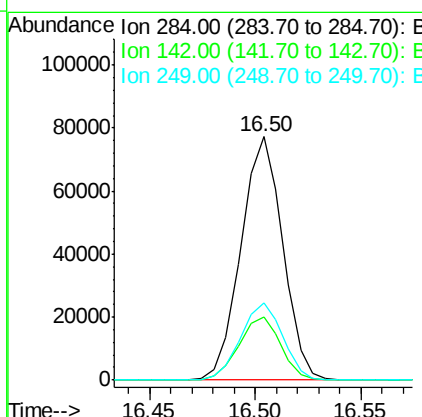
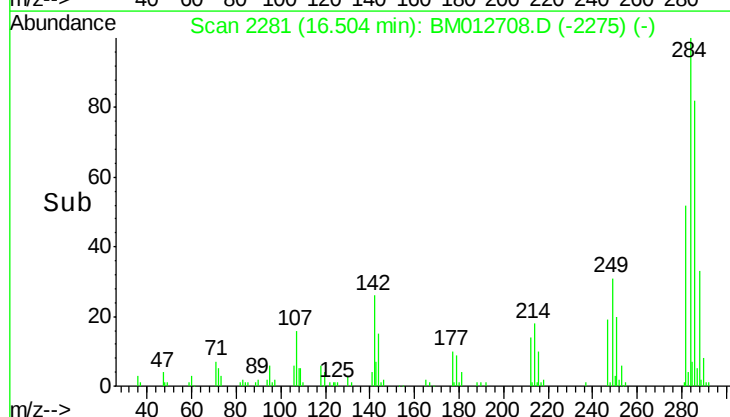
Instrument :
 BNA_M
 ClientSampleID :
 SICV93

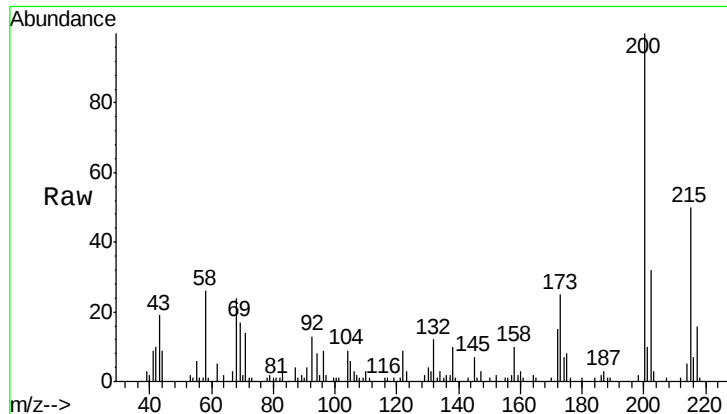
Tot Ion:248	Resp:	91572
Ion Ratio	Lower	Upper
248	100	
250	98.9	78.7 118.1
141	65.0	72.2 108.2#



#66
 Hexachlorobenzene
 Concen: 19.85 ng/ul
 RT: 16.50 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:284	Resp:	105609
Ion Ratio	Lower	Upper
284	100	
142	25.8	33.1 49.7#
249	31.5	27.1 40.7

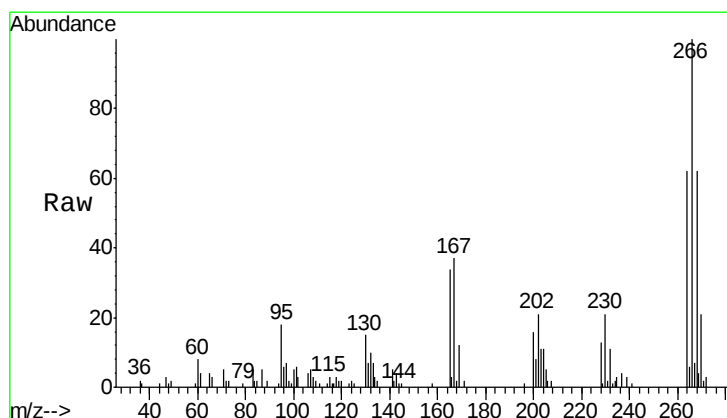
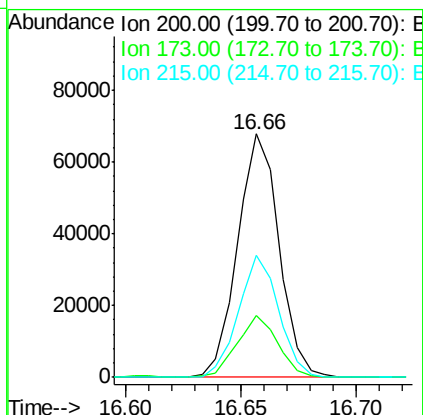
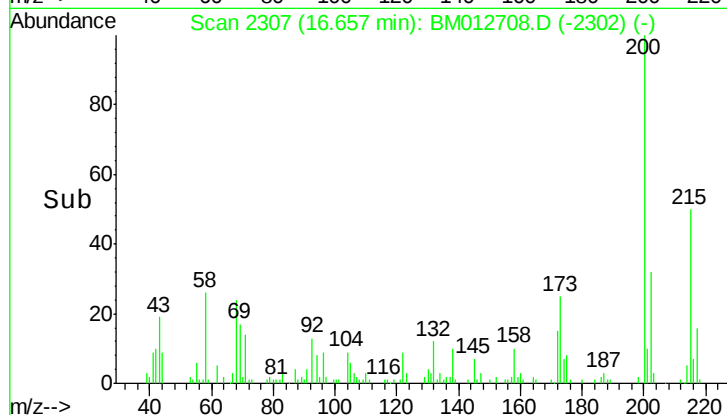




#67
Atrazine
Concen: 19.44 ng/ul
RT: 16.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

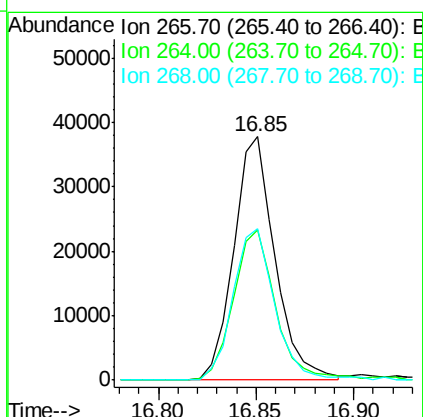
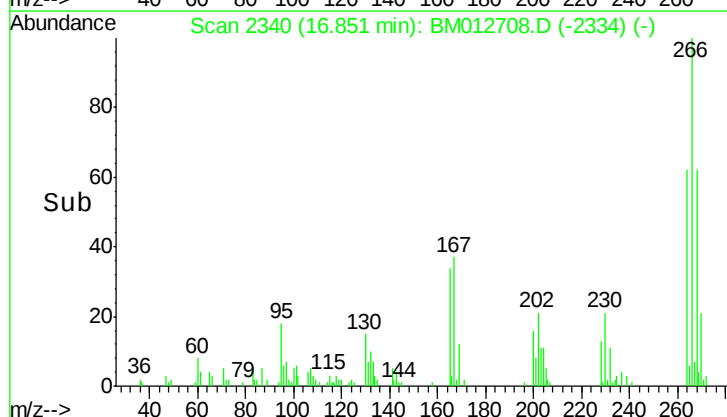
Instrument :
BNA_M
ClientSampleId :
SICV93

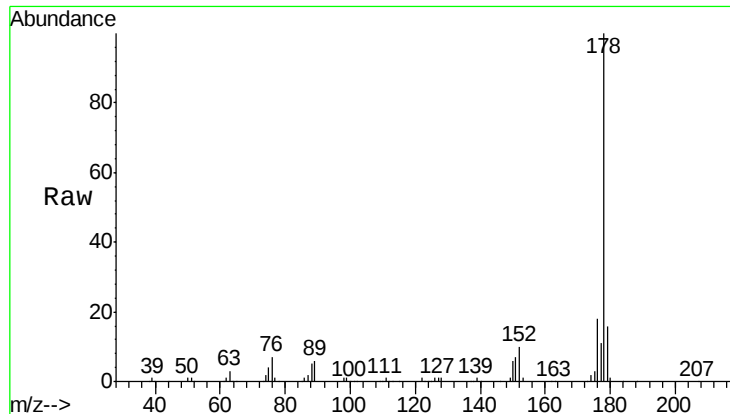
Tot Ion:200 Resp: 85001
Ion Ratio Lower Upper
200 100
173 25.4 21.6 32.4
215 50.1 37.0 55.4



#68
Pentachlorophenol
Concen: 18.17 ng/ul
RT: 16.85 min Scan# 2340
Delta R.T. 0.01 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:266 Resp: 55239
Ion Ratio Lower Upper
266 100
264 61.8 50.5 75.7
268 62.1 50.9 76.3

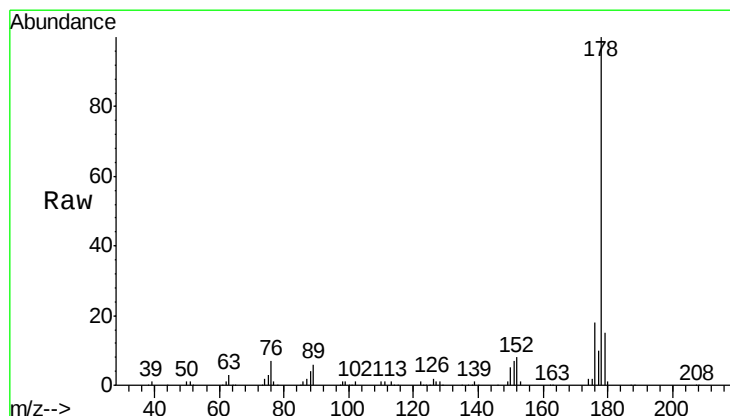
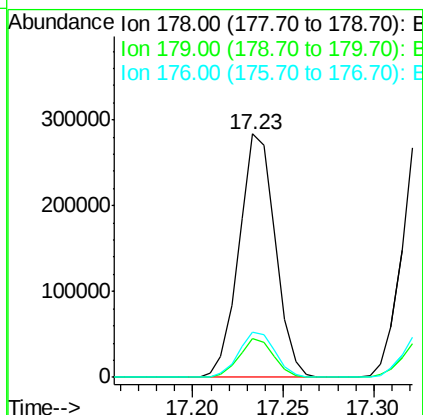
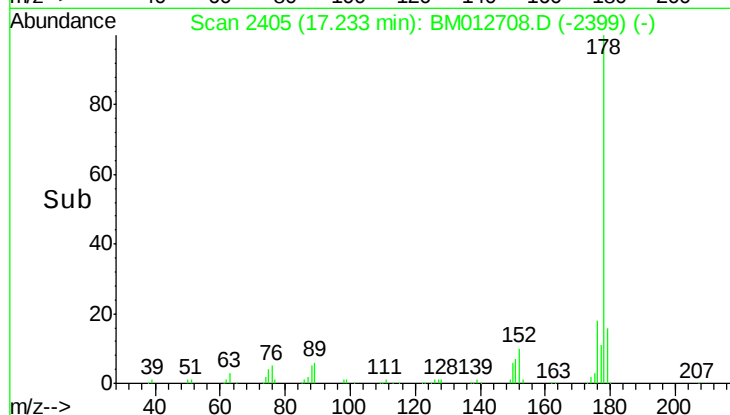




#69
Phenanthrene
Concen: 19.86 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

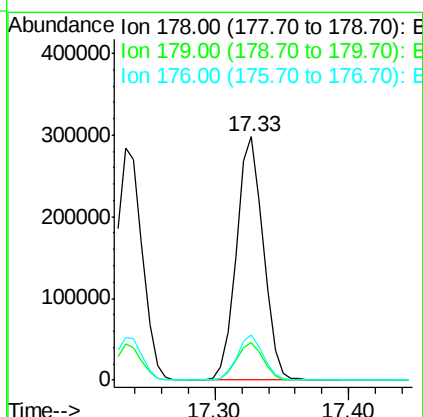
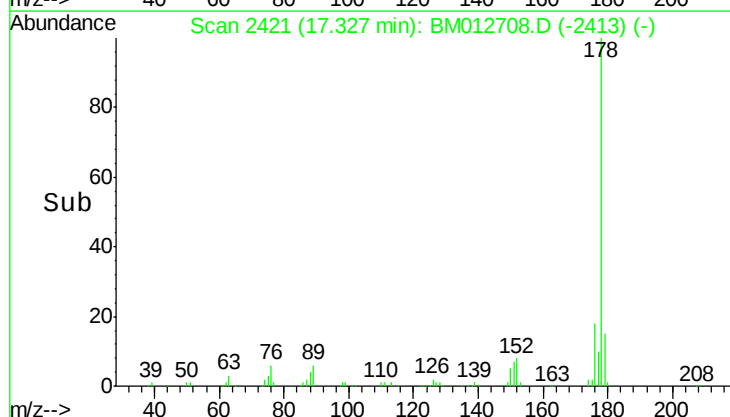
Instrument :
BNA_M
ClientSampleId :
SICV93

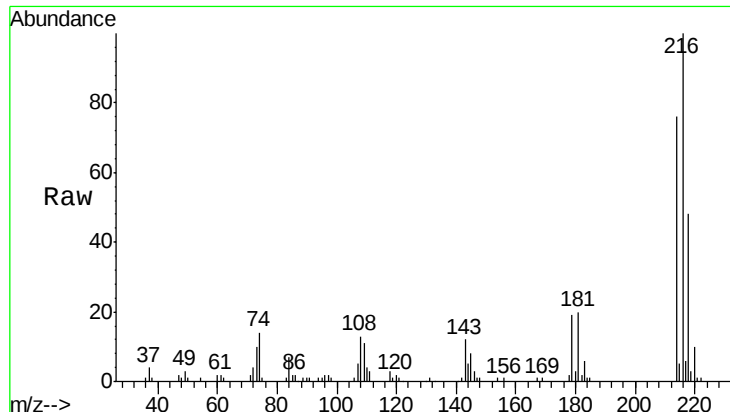
Tot Ion:178 Resp: 393837
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 18.3 15.6 23.4



#71
Anthracene
Concen: 20.19 ng/ul
RT: 17.33 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:178 Resp: 415048
Ion Ratio Lower Upper
178 100
179 15.4 12.1 18.1
176 18.5 14.8 22.2

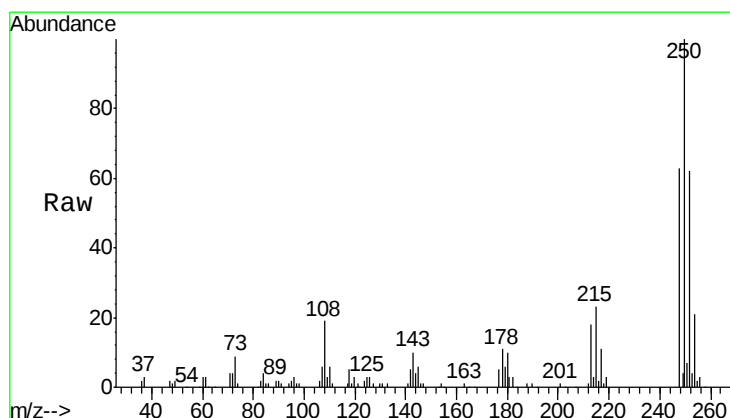
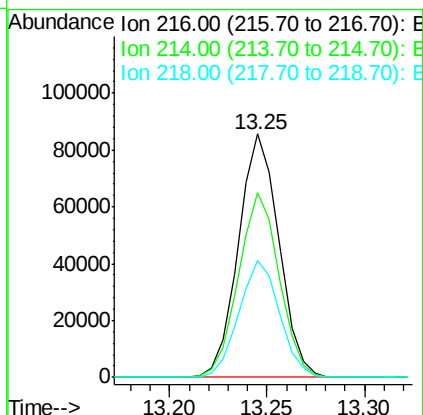
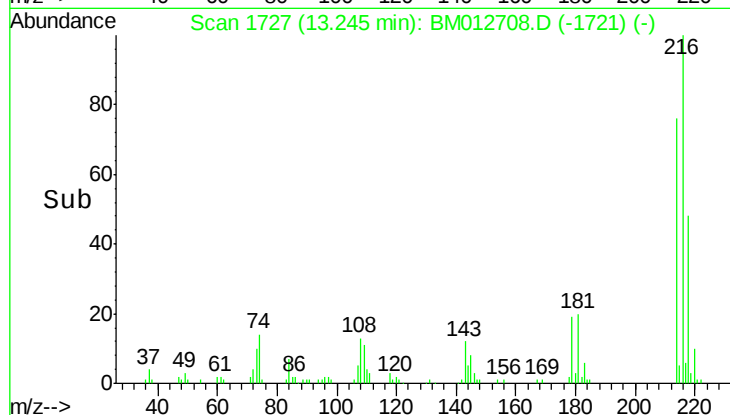




#72
 1,2,3,4-Tetrachlorobenzene
 Concen: 20.75 ng/uL
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

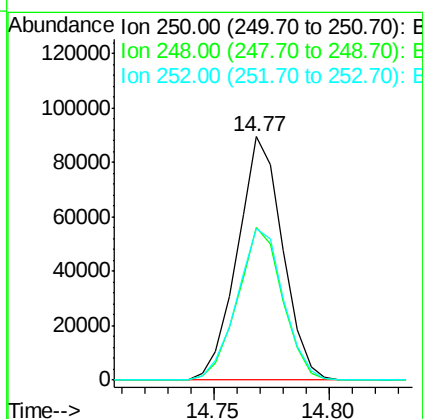
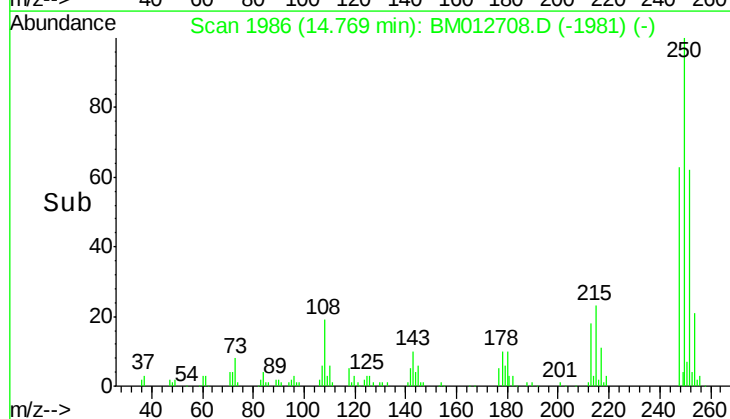
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

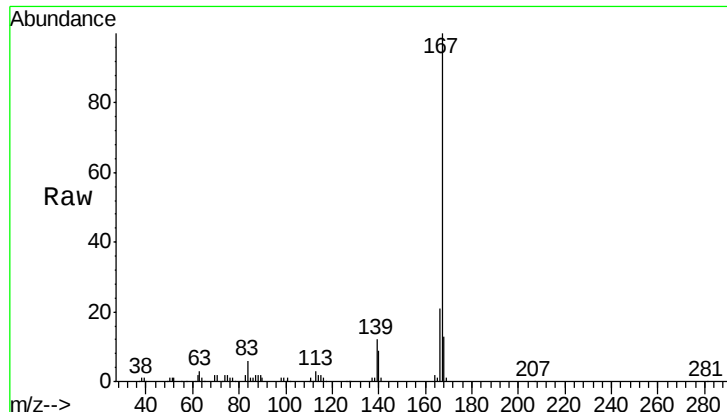
Tot Ion:216 Resp: 123055
 Ion Ratio Lower Upper
 216 100
 214 76.0 62.5 93.7
 218 47.8 38.4 57.6



#73
 Pentachlorobenzene
 Concen: 20.08 ng/uL
 RT: 14.77 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:250 Resp: 121830
 Ion Ratio Lower Upper
 250 100
 248 62.8 50.6 75.8
 252 62.2 51.4 77.0

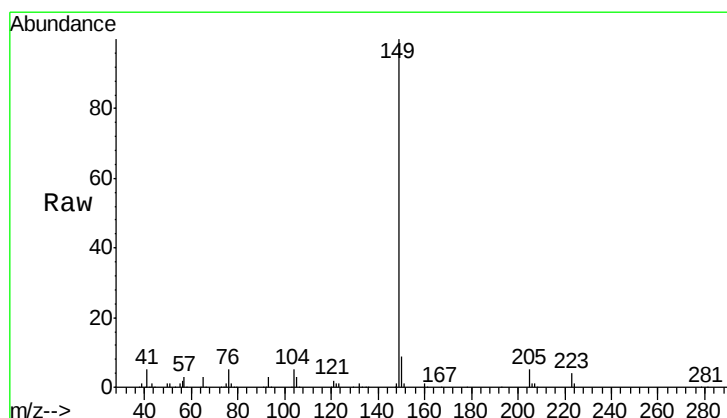
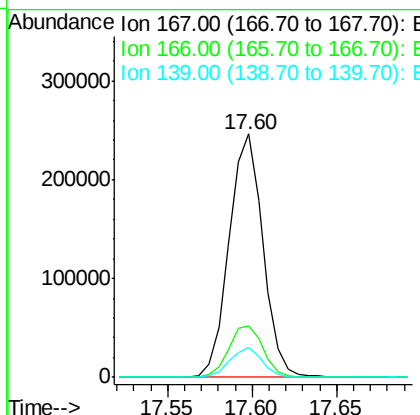
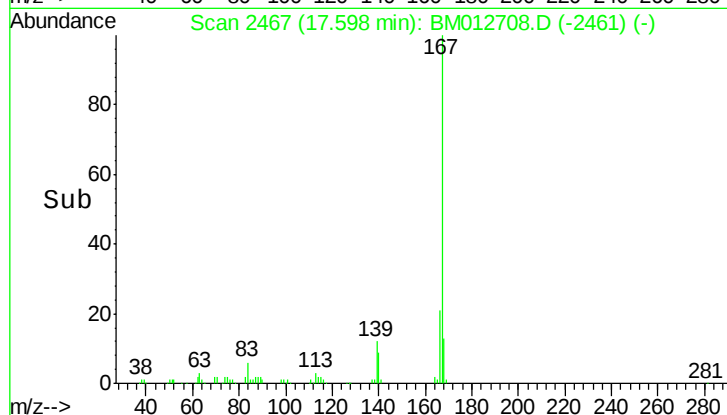




#74
 Carbazole
 Concen: 20.03 ng/ul
 RT: 17.60 min Scan# 2467
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

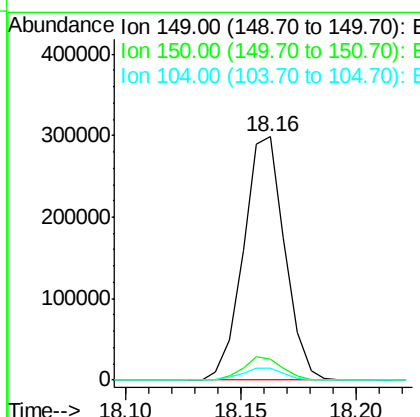
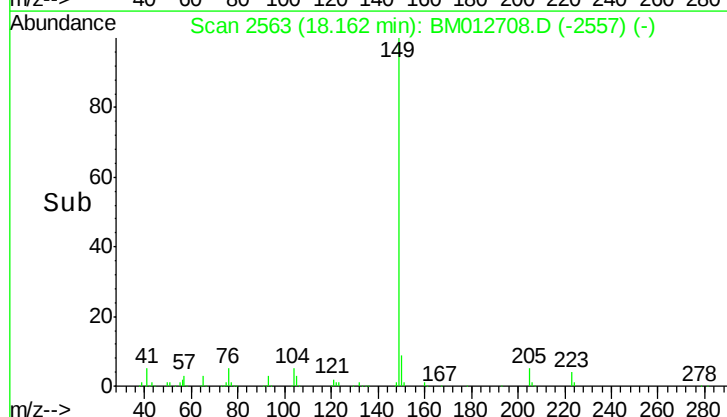
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

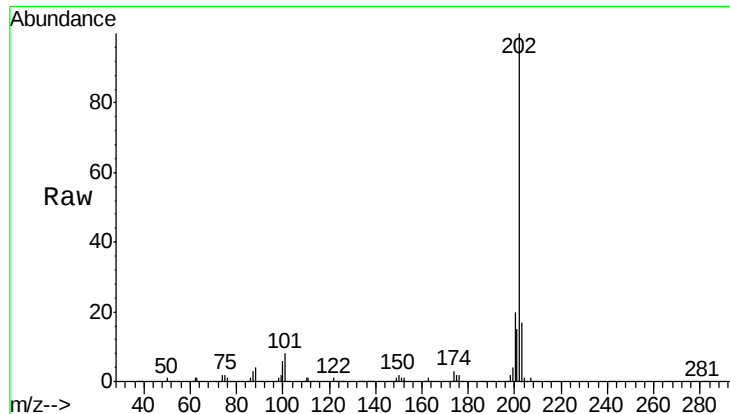
Tot Ion:167 Resp: 343364
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.1 11.0 16.4



#75
 Di-n-butylphthalate
 Concen: 18.54 ng/ul
 RT: 18.16 min Scan# 2563
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:149 Resp: 372422
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.4 11.0
 104 4.9 4.0 6.0

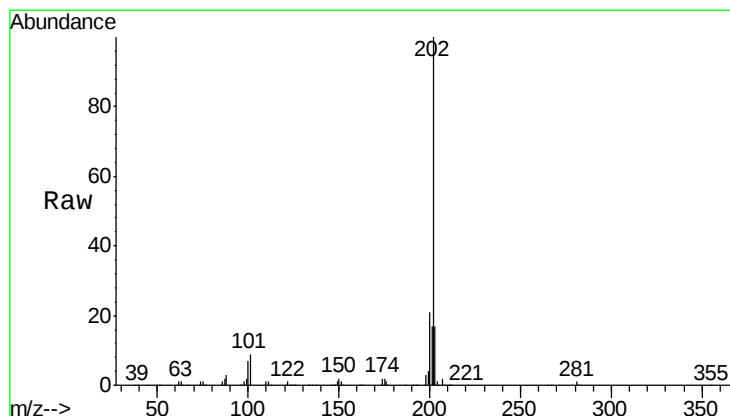
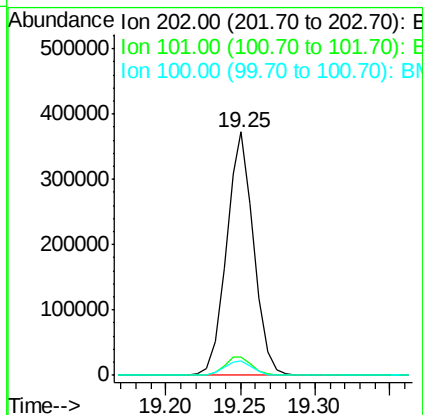
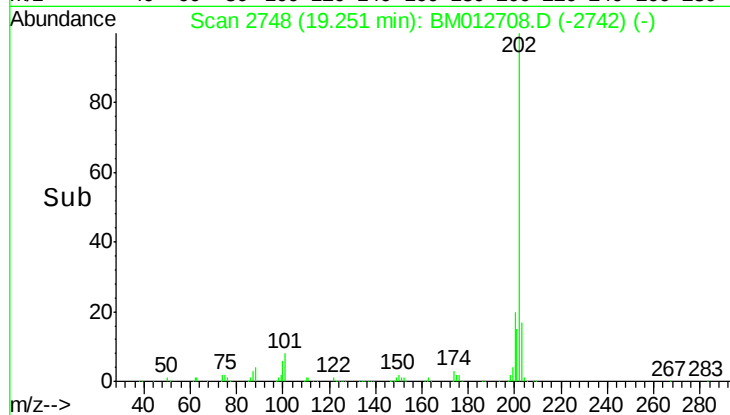




#76
Fluoranthene
Concen: 19.81 ng/ul
RT: 19.25 min Scan# 2748
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

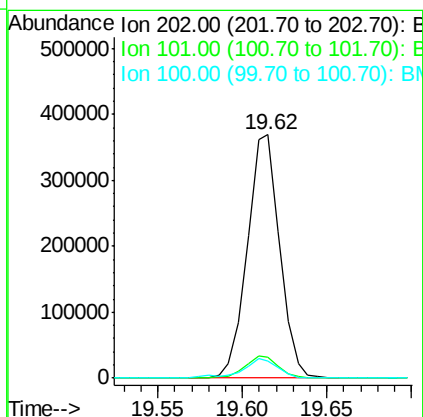
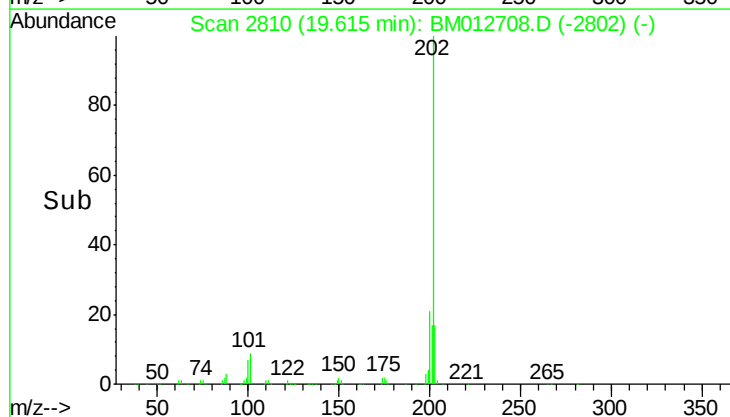
Instrument :
BNA_M
ClientSampleId :
SICV93

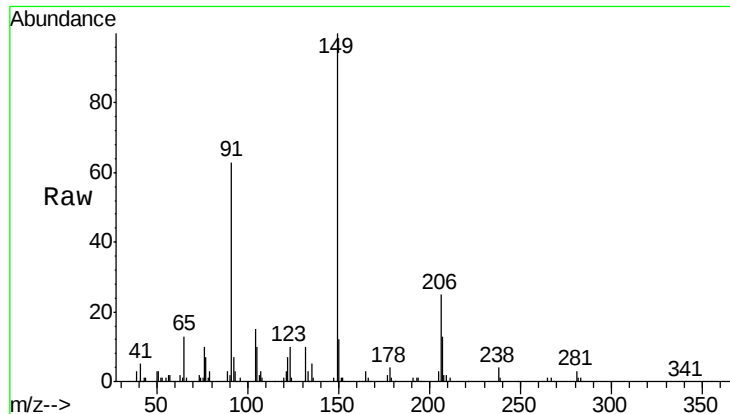
Tot Ion:202 Resp: 471955
Ion Ratio Lower Upper
202 100
101 7.7 8.8 13.2#
100 6.0 6.6 9.8#



#79
Pyrene
Concen: 19.92 ng/ul
RT: 19.62 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:202 Resp: 493486
Ion Ratio Lower Upper
202 100
101 8.7 10.2 15.2#
100 7.0 8.5 12.7#

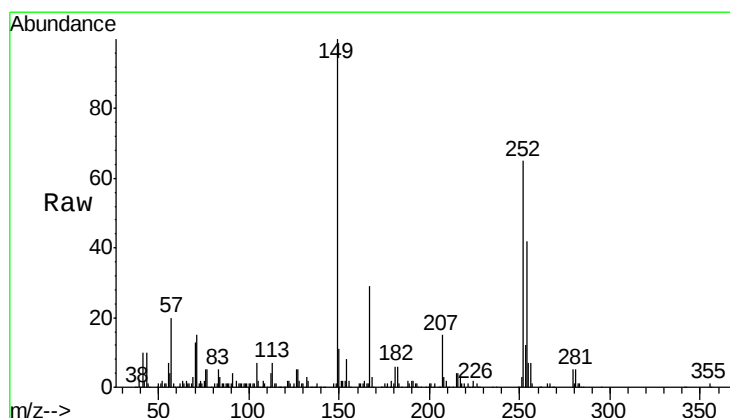
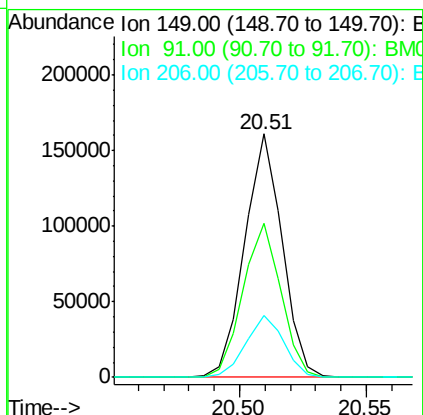
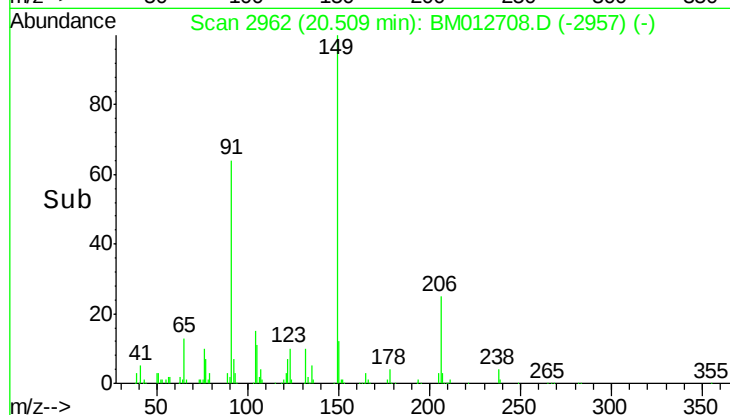




#80
Butylbenzylphthalate
Concen: 18.31 ng/ul
RT: 20.51 min Scan# 2962
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

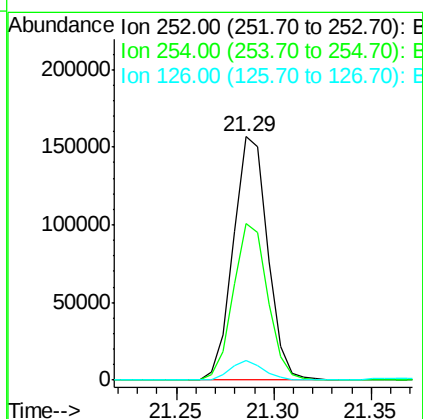
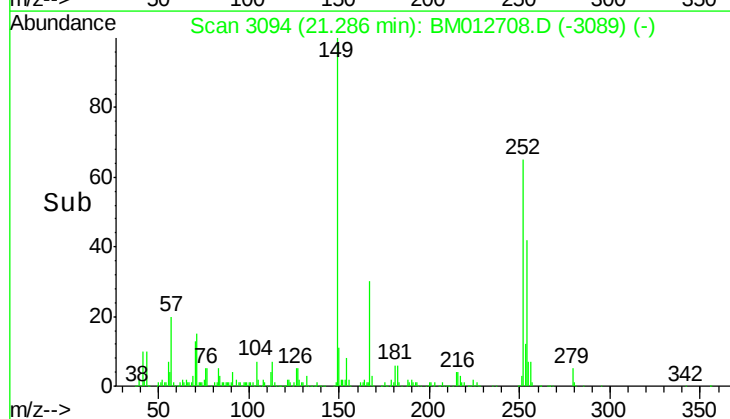
Instrument :
BNA_M
ClientSampleId :
SICV93

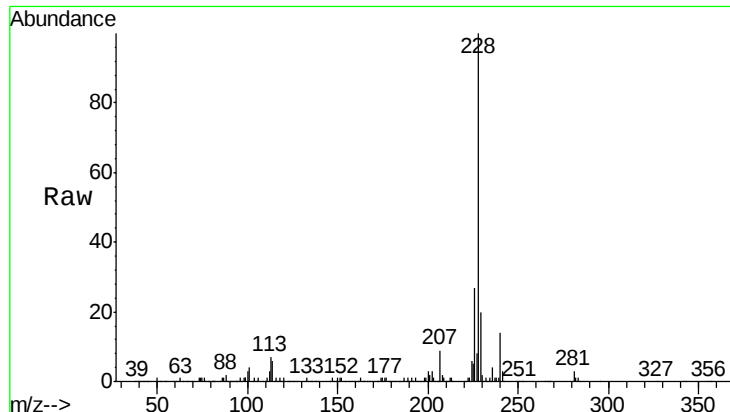
Tot Ion:149	Resp:	165376
Ion	Ratio	Lower Upper
149	100	
91	63.4	53.4 80.2
206	25.3	16.6 24.8#



#81
3,3'-Dichlorobenzidine
Concen: 20.89 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:252	Resp:	191814
Ion	Ratio	Lower Upper
252	100	
254	64.6	52.2 78.2
126	8.1	9.4 14.2#

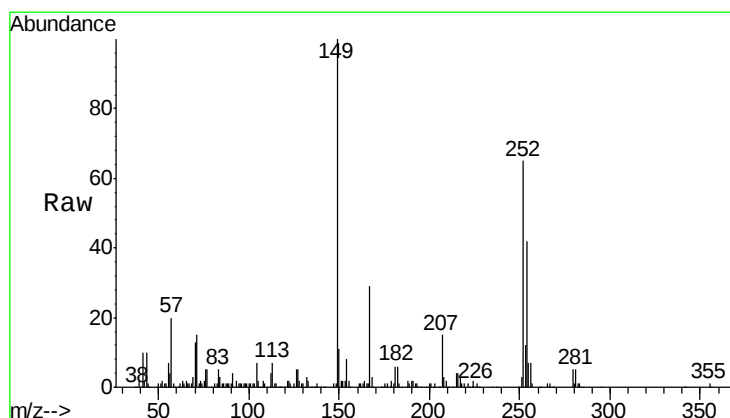
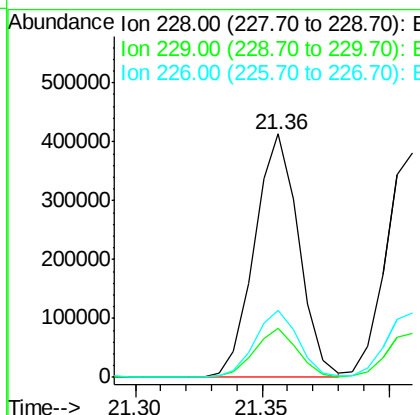
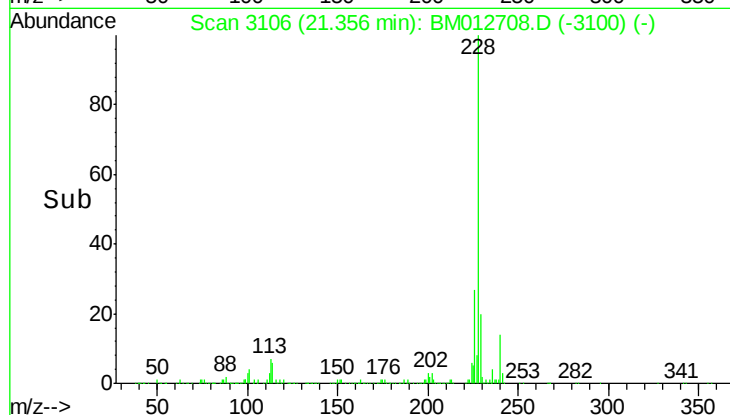




#82
Benzo(a)anthracene
Concen: 20.07 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

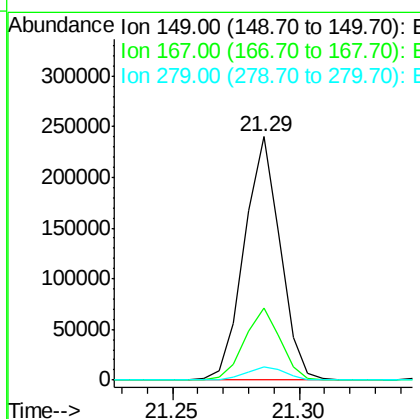
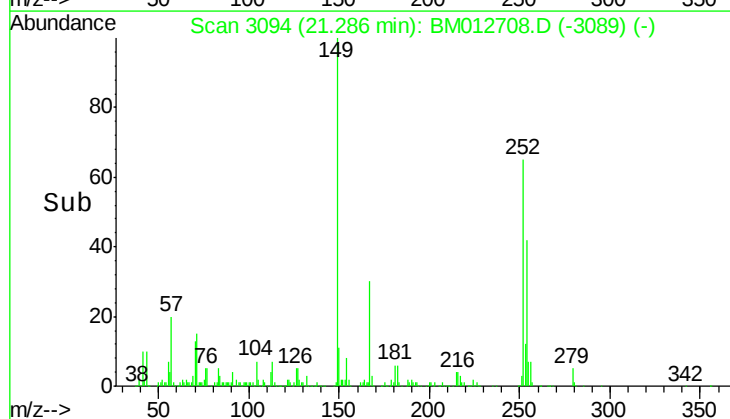
Instrument :
BNA_M
ClientSampleId :
SICV93

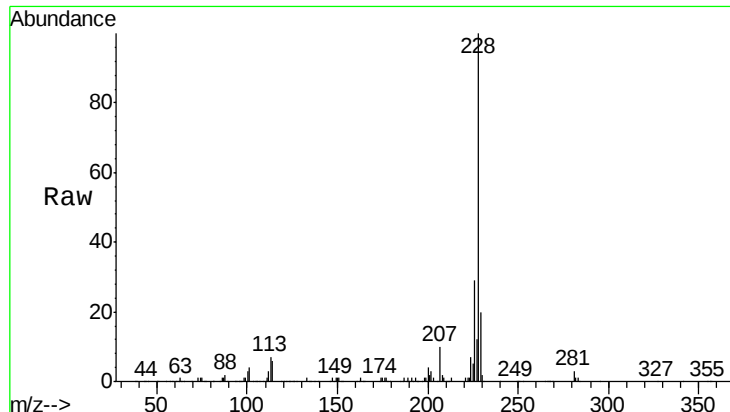
Tot Ion:228 Resp: 504180
Ion Ratio Lower Upper
228 100
229 20.0 15.7 23.5
226 27.5 21.8 32.6



#83
Bis(2-ethylhexyl)phthalate
Concen: 18.01 ng/ul
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:149 Resp: 236957
Ion Ratio Lower Upper
149 100
167 29.5 21.6 32.4
279 5.4 3.0 4.4#

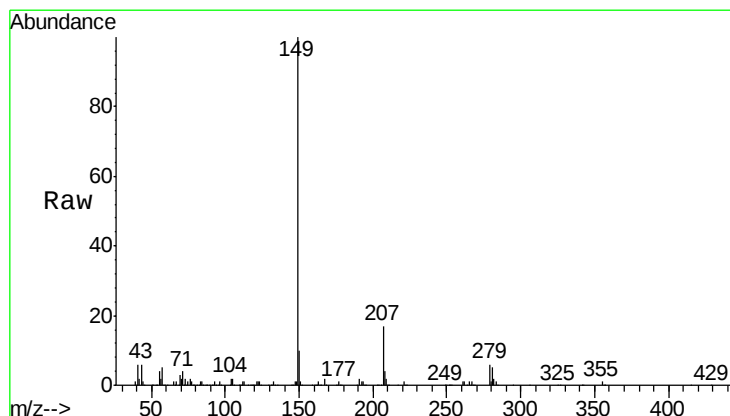
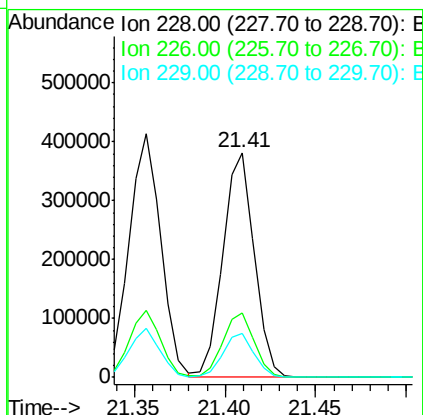
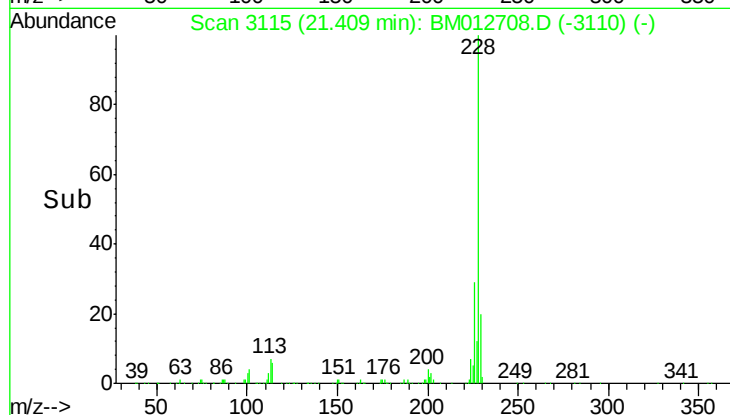




#84
 Chrysene
 Concen: 20.11 ng/ul
 RT: 21.41 min Scan# 3115
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

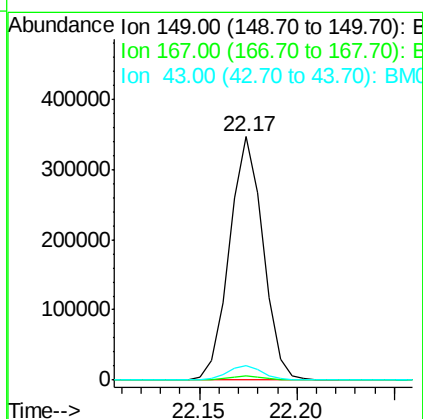
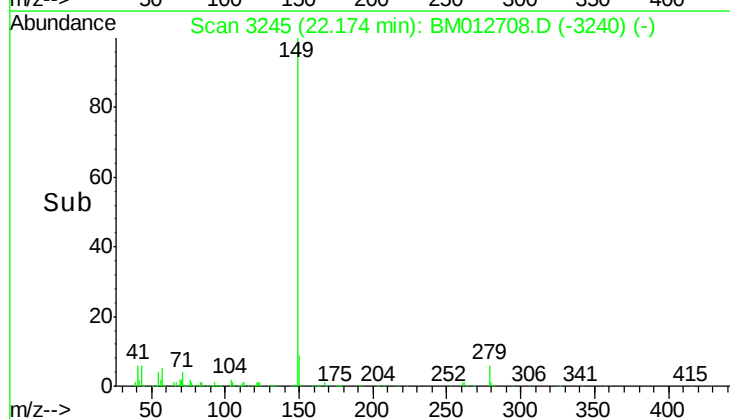
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

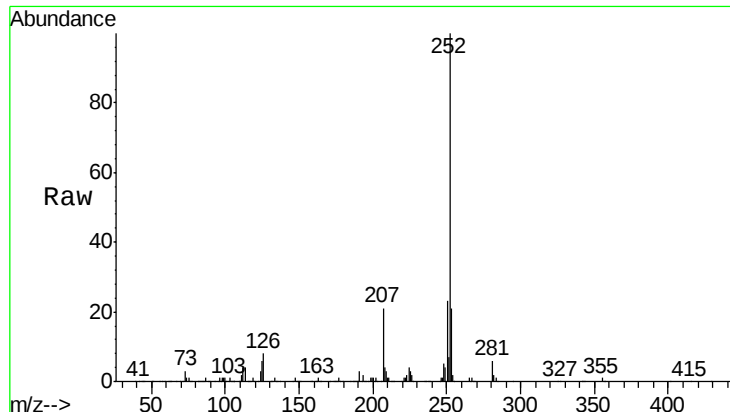
Tot	Ion:228	Resp:	457897
Ion	Ratio	Lower	Upper
228	100		
226	28.9	24.0	36.0
229	19.8	15.6	23.4



#86
 Di-n-octyl phthalate
 Concen: 17.40 ng/ul
 RT: 22.17 min Scan# 3245
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion	Ion:149	Resp:	409820
	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.2	5.6	8.4

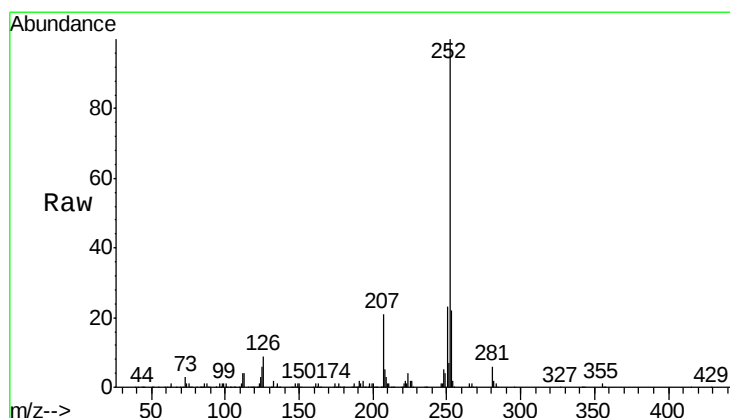
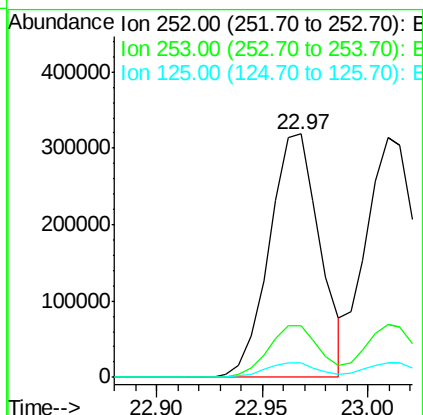
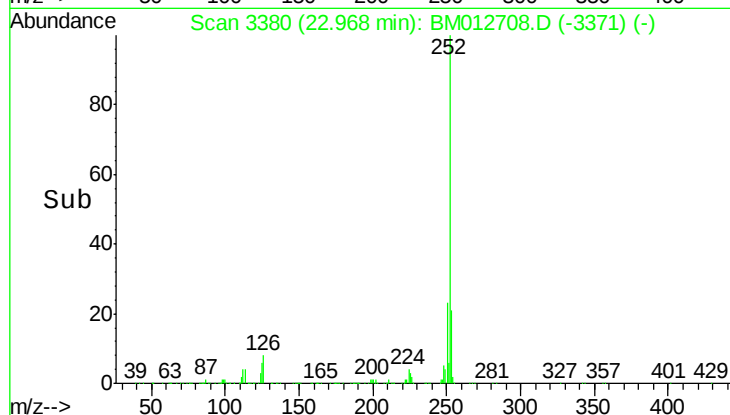




#87
 Benzo(b)fluoranthene
 Concen: 19.46 ng/ul
 RT: 22.97 min Scan# 3380
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

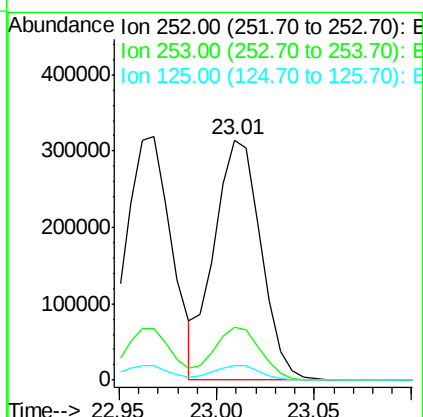
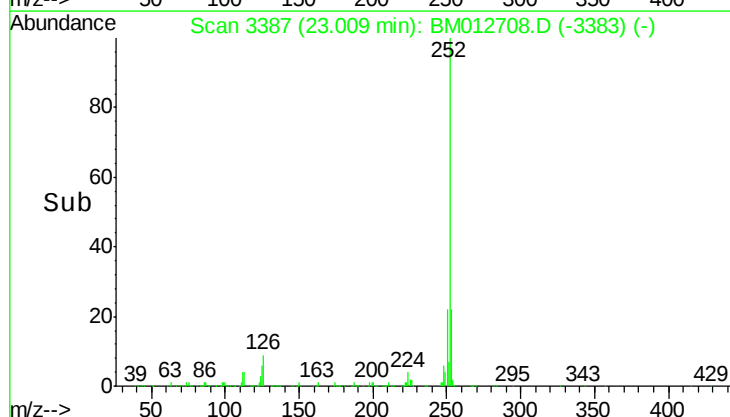
Instrument :
 BNA_M
 ClientSampleId :
 SICV93

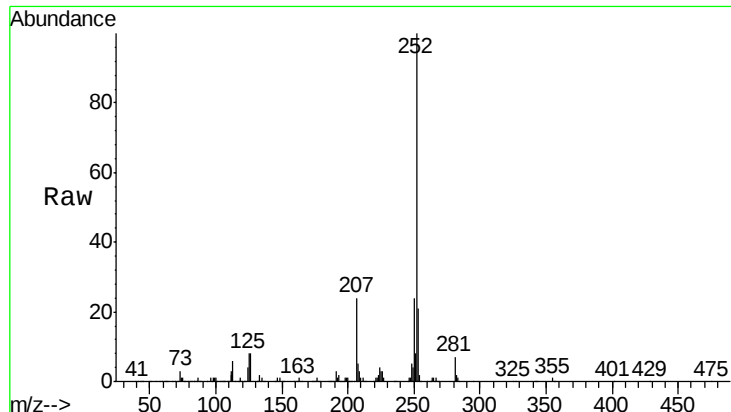
Tot Ion:252 Resp: 532494
 Ion Ratio Lower Upper
 252 100
 253 21.4 17.5 26.3
 125 6.1 8.5 12.7#



#88
 Benzo(k)fluoranthene
 Concen: 20.01 ng/ul
 RT: 23.01 min Scan# 3387
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:252 Resp: 520357
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.3 25.9
 125 6.1 8.2 12.2#

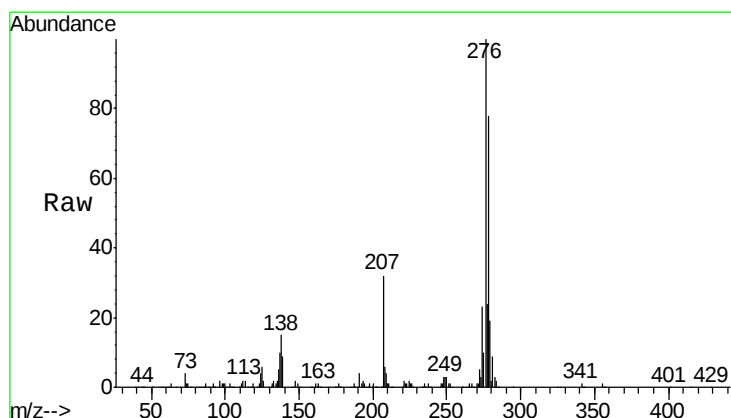
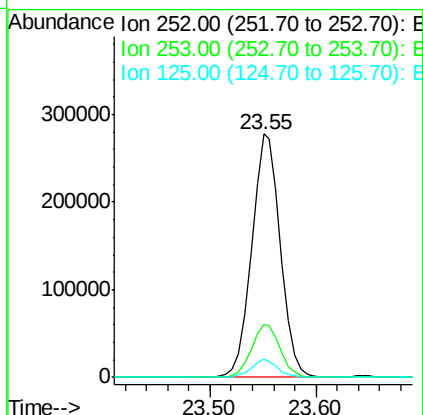
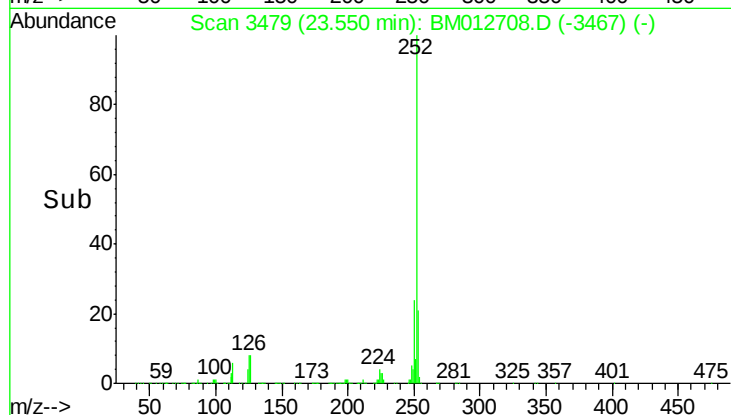




#90
Benzo(a)pyrene
Concen: 19.95 ng/ul
RT: 23.55 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

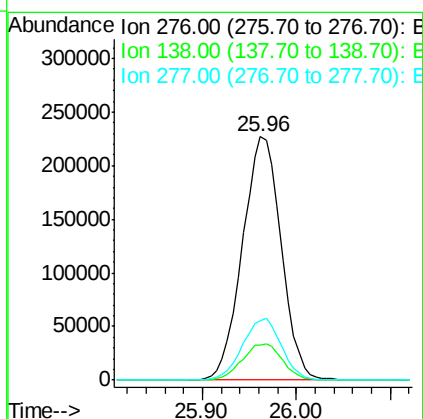
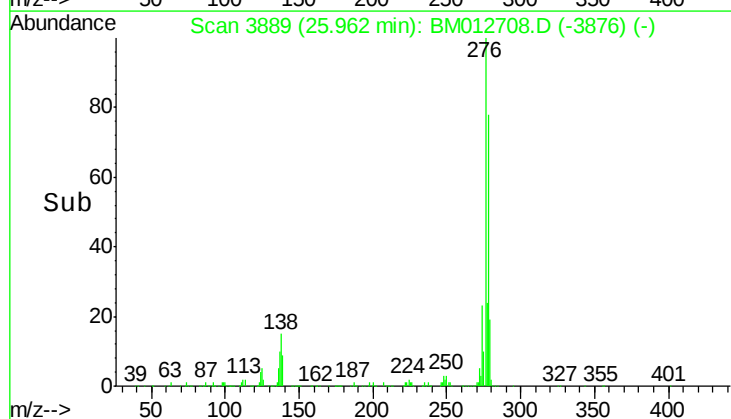
Instrument :
BNA_M
ClientSampleId :
SICV93

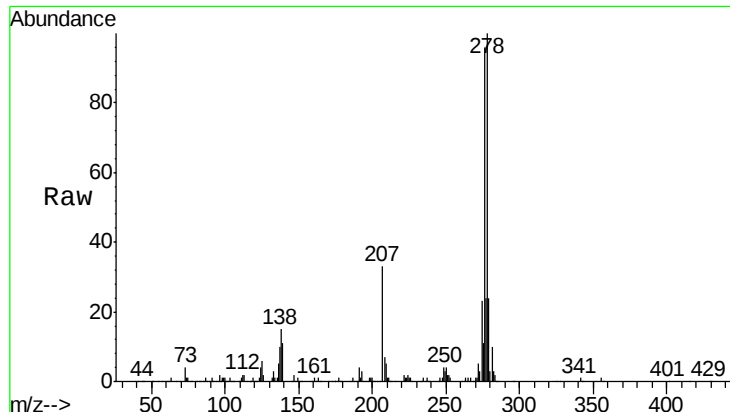
Tot Ion:252 Resp: 519539
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 7.6 9.0 13.6#



#91
Indeno(1,2,3-cd)pyrene
Concen: 20.65 ng/ul
RT: 25.96 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM012708.D
Acq: 04 Nov 2017 15:35

Tgt Ion:276 Resp: 648034
Ion Ratio Lower Upper
276 100
138 14.6 22.3 33.5#
277 24.4 20.2 30.2

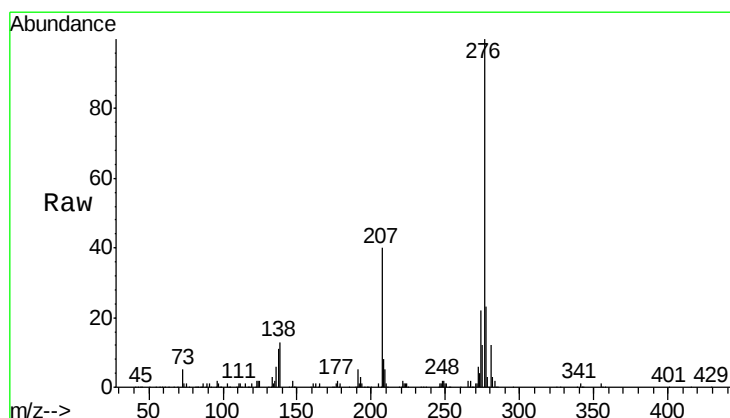
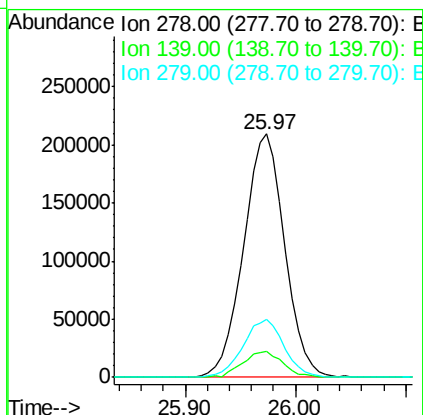
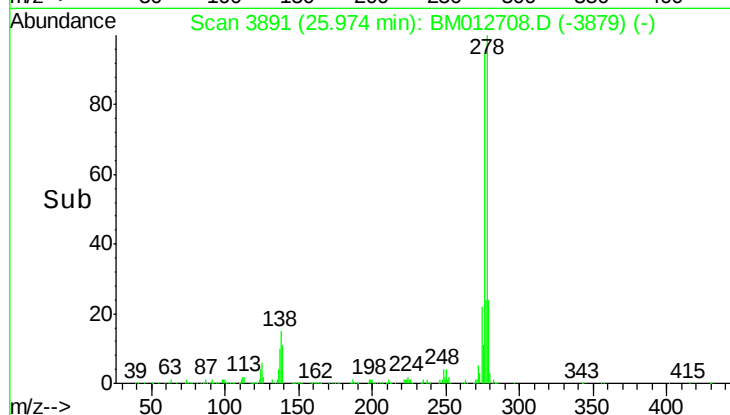




#92
 Dibenzo(a,h)anthracene
 Concen: 20.61 ng/ul
 RT: 25.97 min Scan# 3891
 Delta R.T. -0.00 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Instrument :
 BNA_M
 ClientSampleId :
 SICV93

Tot Ion:278 Resp: 547614
 Ion Ratio Lower Upper
 278 100
 139 10.7 13.9 20.9#
 279 23.6 19.0 28.4



#93
 Benzo(g,h,i)perylene
 Concen: 20.85 ng/ul
 RT: 26.67 min Scan# 4010
 Delta R.T. 0.01 min
 Lab File: BM012708.D
 Acq: 04 Nov 2017 15:35

Tgt Ion:276 Resp: 539153
 Ion Ratio Lower Upper
 276 100
 138 12.6 18.9 28.3#
 277 23.5 19.2 28.8

