

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013103.D
 Acq On : 23 Nov 2017 02:15
 Operator : SJ/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 23 22:04:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 23 06:16:43 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	202150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	787602	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	423015	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	900790	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	903141	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	884950	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	31488	7.22	ng/uL	0.00
5) Phenol-d5	6.89	99	296727	16.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	174544	17.57	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	242010	17.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	238988	16.66	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	118489	21.11	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.58	143	124112	23.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	247073	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	296144	20.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	656925	17.70	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	865279	18.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	99211	17.63	ng/ul	0.00
57) Fluorene-d10	15.34	176	569172	18.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	88566	22.68	ng/ul	0.00
70) Anthracene-d10	17.19	188	821188	17.81	ng/ul	0.00
76) Pyrene-d10	19.49	212	866386	18.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	831532	18.53	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.28	88	34023	7.10	ng/uL#	67
4) Benzaldehyde	6.86	77	205369	21.76	ng/ul	89
6) Phenol	6.92	94	303941	17.59	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.15	93	235245	18.08	ng/ul	97
10) 2-Chlorophenol	7.28	128	249323	18.00	ng/ul	95
11) 2-Methylphenol	8.15	108	227566	17.35	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	244326	16.55	ng/ul#	81
14) Acetophenone	8.53	105	382000	17.38	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.52	70	192068	17.04	ng/ul#	71
16) 4-Methylphenol	8.48	108	237930	17.08	ng/ul	91
17) Hexachloroethane	8.78	117	111837	19.06	ng/ul#	79
20) Nitrobenzene	8.90	77	300560	21.43	ng/ul	93
21) Isophorone	9.43	82	494772	17.22	ng/ul	95
23) 2-Nitrophenol	9.61	139	133542	22.98	ng/ul#	86
24) 2,4-Dimethylphenol	9.67	107	282709	18.50	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.91	93	305762	18.54	ng/ul	94
27) 2,4-Dichlorophenol	10.15	162	240590	19.10	ng/ul	92
28) Naphthalene	10.54	128	767624	18.91	ng/ul	98
30) 4-Chloroaniline	10.66	127	292418	21.52	ng/ul	93
31) Hexachlorobutadiene	10.83	225	190325	20.99	ng/ul	98
32) Caprolactam	11.42	113	65056	16.45	ng/ul#	39
33) 4-Chloro-3-methylphenol	11.79	107	238306	17.76	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	556268	18.73	ng/ul	96

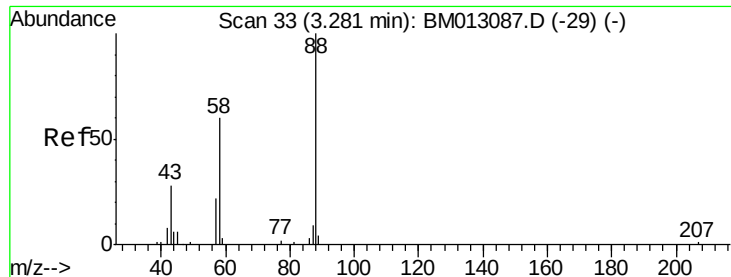
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.53	216	314113	20.41	ng/ul	98
37) Hexachlorocyclopentadiene	12.50	237	176372	15.50	ng/ul	99
38) 2,4,6-Trichlorophenol	12.77	196	189239	20.41	ng/ul	99
39) 2,4,5-Trichlorophenol	12.85	196	200659	20.70	ng/ul	98
40) 1,1'-Biphenyl	13.18	154	710869	19.95	ng/ul	99
41) 2-Chloronaphthalene	13.22	162	568467	20.12	ng/ul	97
42) 2-Nitroaniline	13.43	65	152371	25.40	ng/ul	96
44) Dimethylphthalate	13.81	163	650711	18.34	ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	133909	24.73	ng/ul	98
47) Acenaphthylene	14.07	152	841818	19.33	ng/ul	97
48) 3-Nitroaniline	14.26	138	122533	24.16	ng/ul	92
49) Acenaphthene	14.42	153	560437	19.15	ng/ul	99
50) 2,4-Dinitrophenol	14.46	184	56735	21.89	ng/ul	97
52) 4-Nitrophenol	14.57	109	109009	21.37	ng/ul#	80
53) Dibenzofuran	14.75	168	802632	19.14	ng/ul	98
54) 2,4-Dinitrotoluene	14.72	165	184478	24.36	ng/ul	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	164712	20.29	ng/ul#	91
56) Diethylphthalate	15.18	149	643214	17.93	ng/ul	94
58) Fluorene	15.40	166	658973	19.08	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.40	204	346173	18.98	ng/ul	96
60) 4-Nitroaniline	15.42	138	131825	19.77	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.48	198	97806	23.06	ng/ul#	89
64) N-Nitrosodiphenylamine	15.62	169	543844	19.23	ng/ul	96
65) 4-Bromophenyl-phenylether	16.29	248	211769	19.41	ng/ul	95
66) Hexachlorobenzene	16.40	284	225751	19.17	ng/ul#	91
67) Atrazine	16.57	200	202411	18.69	ng/ul	92
68) Pentachlorophenol	16.74	266	113607	18.71	ng/ul	97
69) Phenanthrene	17.14	178	967077	19.09	ng/ul	99
71) Anthracene	17.23	178	997875	18.98	ng/ul	100
72) Carbazole	17.50	167	816301	17.96	ng/ul	99
73) Di-n-butylphthalate	18.07	149	977199	16.87	ng/ul	98
74) Fluoranthene	19.16	202	1093138	17.85	ng/ul#	94
77) Pyrene	19.52	202	1128433	20.07	ng/ul#	93
78) Butylbenzylphthalate	20.43	149	415797	17.79	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	389987	21.01	ng/ul	92
80) Benzo(a)anthracene	21.26	228	1089264	18.85	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.21	149	607524	17.64	ng/ul	99
82) Chrysene	21.32	228	981456	18.31	ng/ul	99
84) Di-n-octyl phthalate	22.09	149	985871	16.91	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1079501	18.88	ng/ul#	96
86) Benzo(k)fluoranthene	22.89	252	1030568	19.57	ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1032774	19.39	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.75	276	1204342	19.36	ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1018217	19.32	ng/ul#	97
91) Benzo(g,h,i)perylene	26.43	276	986730	19.09	ng/ul#	96

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



#2

1,4-Dioxane

Concen: 7.10 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

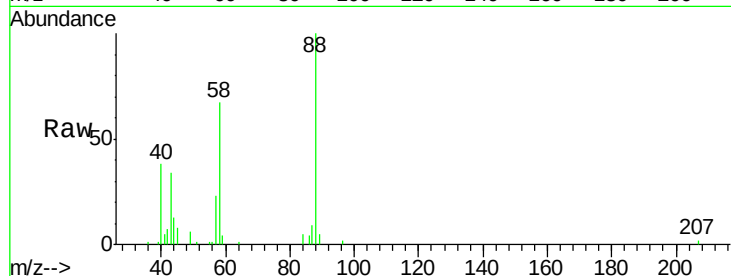
Tot Ion: 88 Resp: 34023

Ion Ratio Lower Upper

88 100

43 35.5 48.0 72.0#

58 66.4 80.0 120.0#

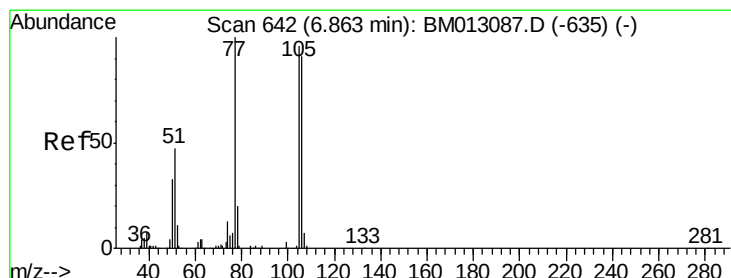
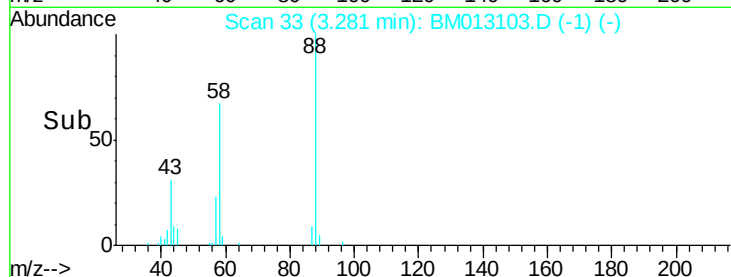


Abundance Ion 88.00 (87.70 to 88.70): BM013103.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM013103.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM013103.D (-1) (-)

Time-->



#4

Benzaldehyde

Concen: 21.76 ng/uL

RT: 6.86 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

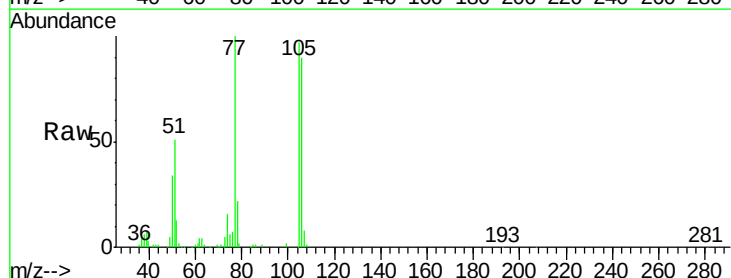
Tgt Ion: 77 Resp: 205369

Ion Ratio Lower Upper

77 100

105 97.0 66.1 99.1

106 89.5 67.8 101.6

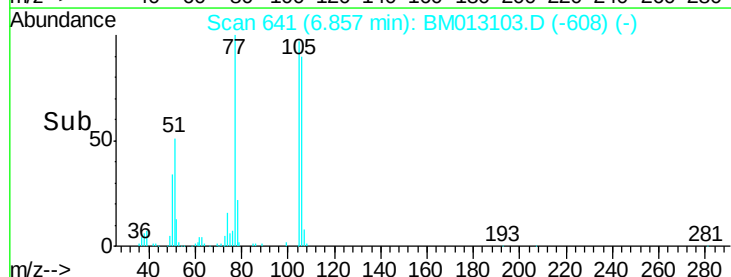


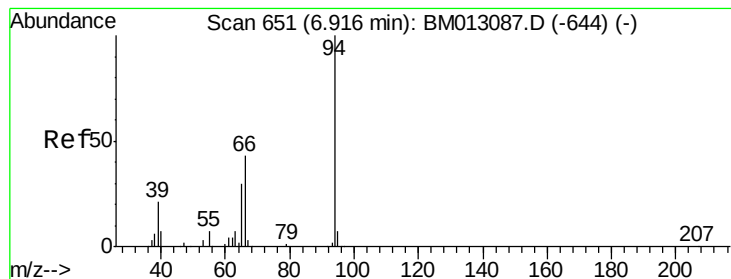
Abundance Ion 77.00 (76.70 to 77.70): BM013103.D (-608) (-)

Ion 105.00 (104.70 to 105.70): BM013103.D (-608) (-)

Ion 106.00 (105.70 to 106.70): BM013103.D (-608) (-)

Time-->





#6

Phenol

Concen: 17.59 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampled :

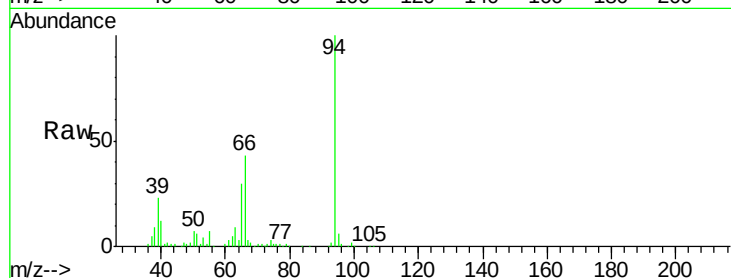
Tot Ion: 94 Resp: 303941

Ion Ratio Lower Upper

94 100

65 30.4 28.2 42.4

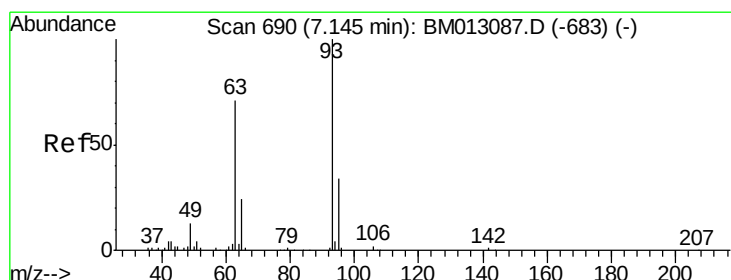
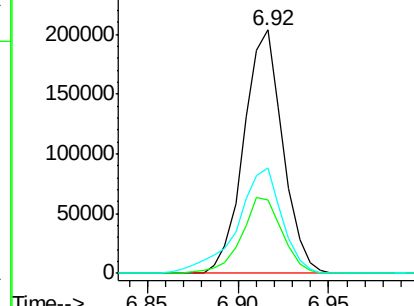
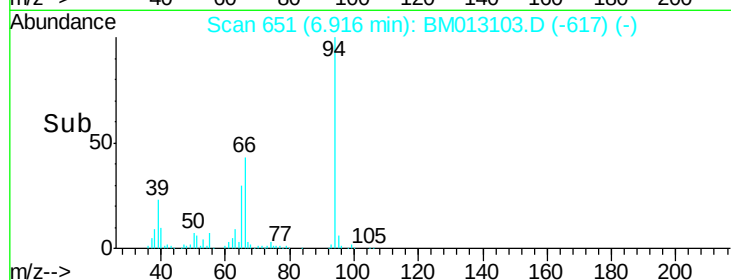
66 43.3 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013103.D (-617) (-)

Ion 65.00 (64.70 to 65.70): BM013103.D (-617) (-)

Ion 66.00 (65.70 to 66.70): BM013103.D (-617) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 18.08 ng/ul

RT: 7.15 min Scan# 690

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

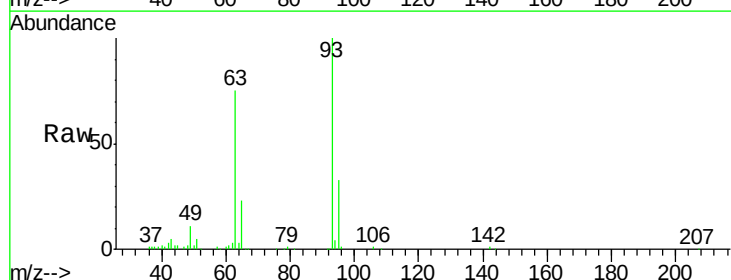
Tgt Ion: 93 Resp: 235245

Ion Ratio Lower Upper

93 100

63 74.5 57.3 85.9

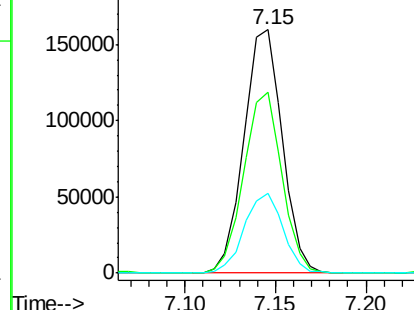
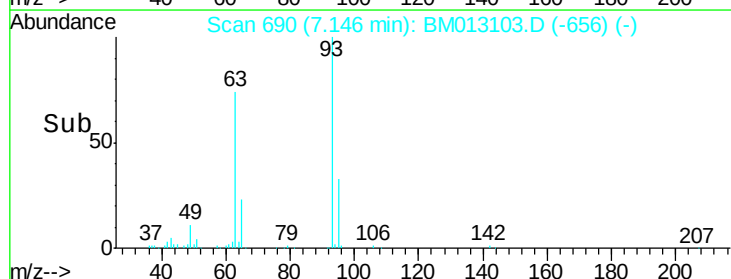
95 32.9 26.6 39.8

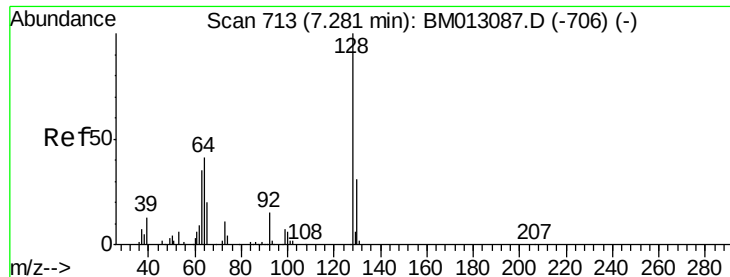


Abundance Ion 93.00 (92.70 to 93.70): BM013103.D (-656) (-)

Ion 63.00 (62.70 to 63.70): BM013103.D (-656) (-)

Ion 95.00 (94.70 to 95.70): BM013103.D (-656) (-)

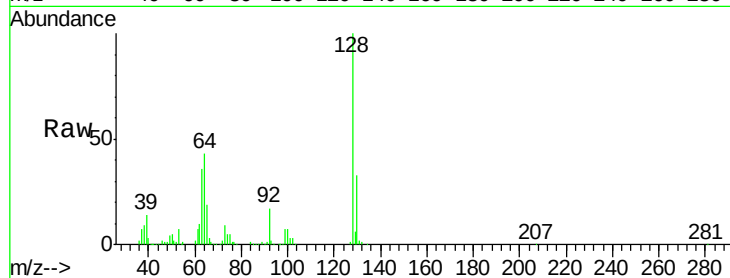




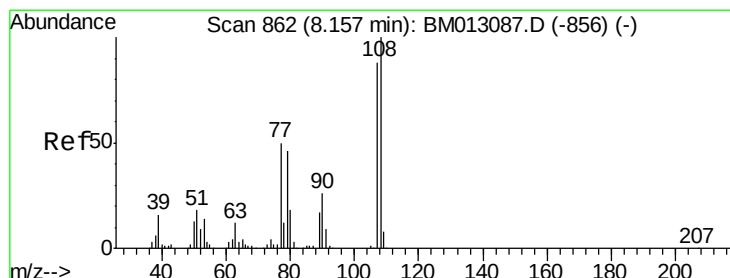
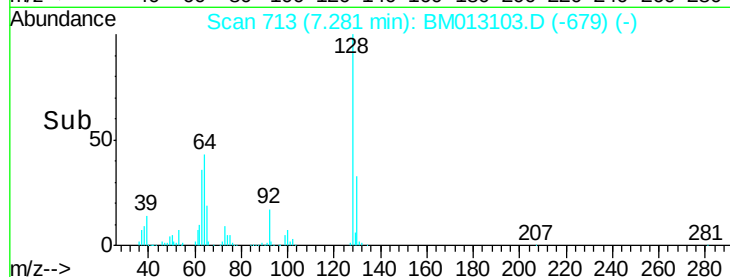
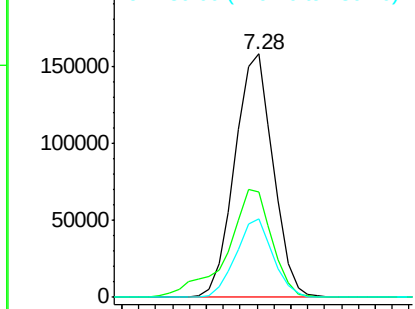
#10
2-Chlorophenol
Concen: 18.00 ng/ul
RT: 7.28 min Scan# 713
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 249323
Ion Ratio Lower Upper
128 100
64 43.2 38.0 57.0
130 32.5 24.4 36.6

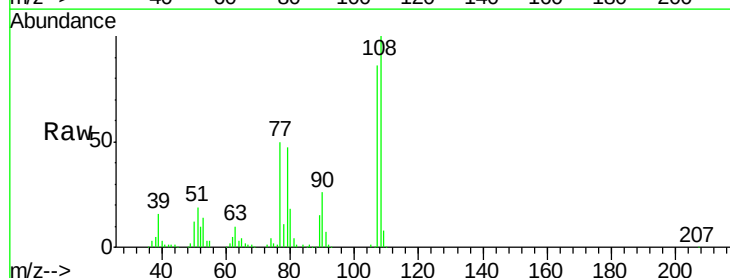


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 130.00 (129.70 to 130.70): E

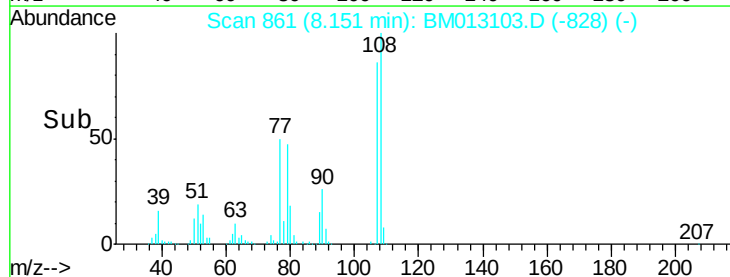
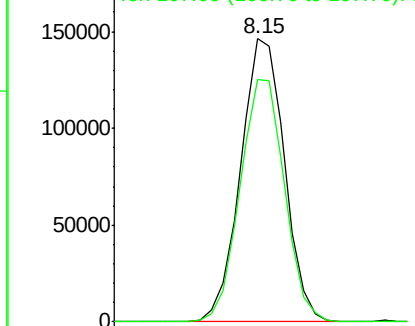


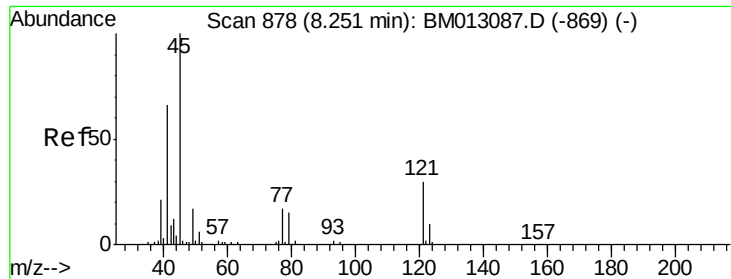
#11
2-Methylphenol
Concen: 17.35 ng/ul
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:108 Resp: 227566
Ion Ratio Lower Upper
108 100
107 85.6 72.6 108.8



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

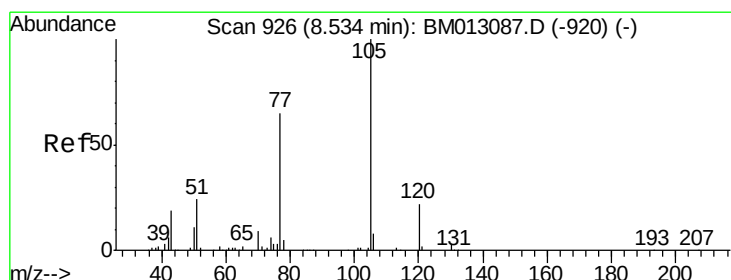
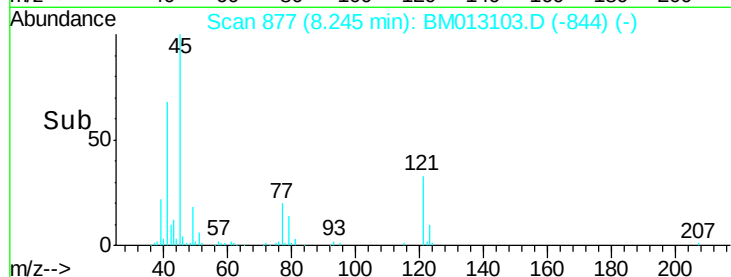
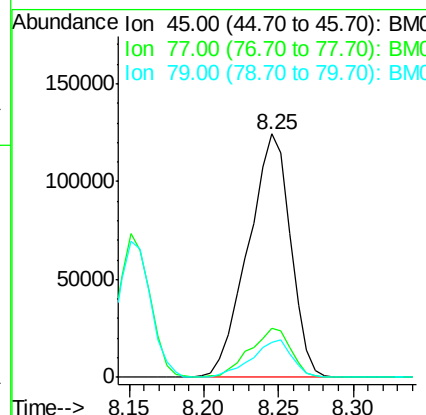
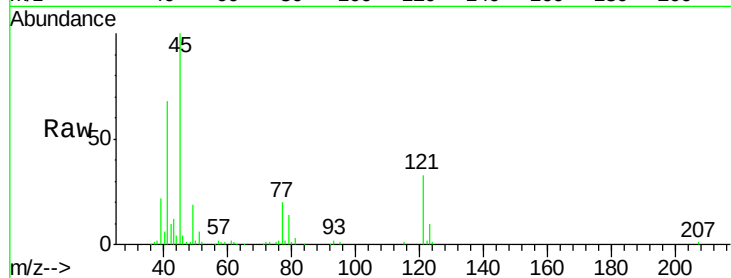




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 16.55 ng/ul
RT: 8.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

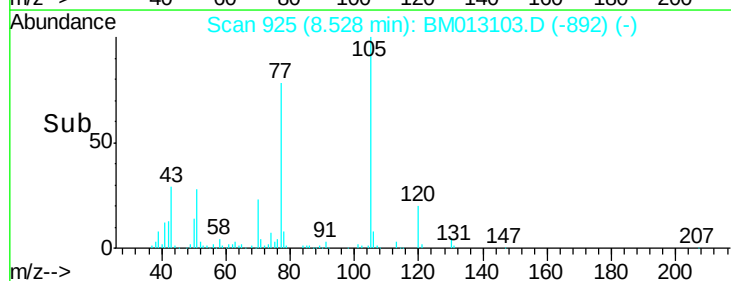
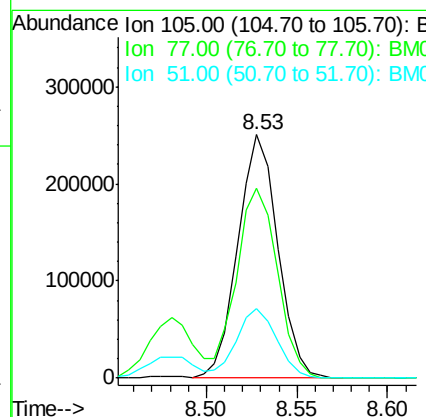
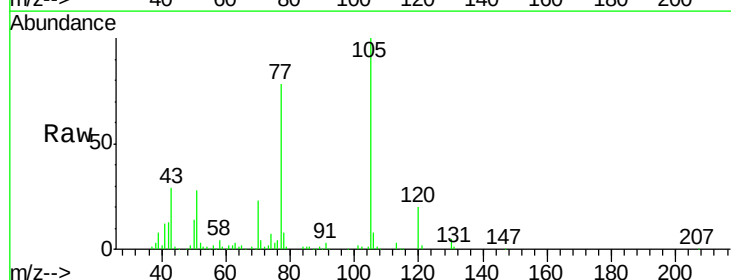
Instrument :
BNA_M
ClientSampleId :

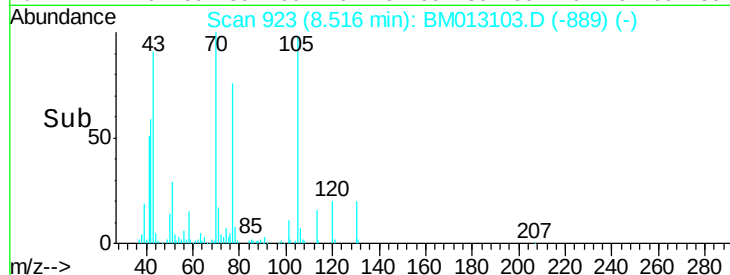
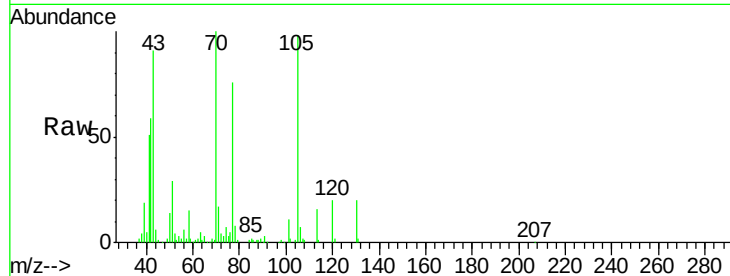
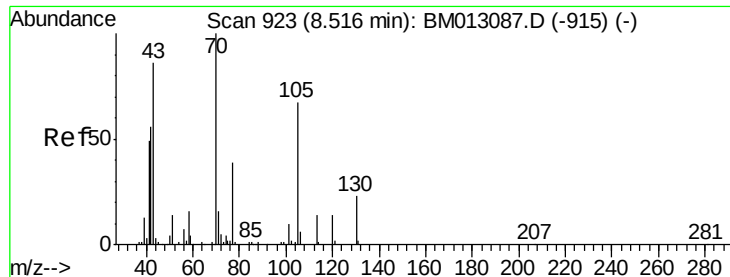
Tot Ion: 45 Resp: 244326
Ion Ratio Lower Upper
45 100
77 20.0 8.0 12.0#
79 14.3 8.0 12.0#



#14
Acetophenone
Concen: 17.38 ng/ul
RT: 8.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion: 105 Resp: 382000
Ion Ratio Lower Upper
105 100
77 77.8 74.2 111.4
51 28.3 23.4 35.2

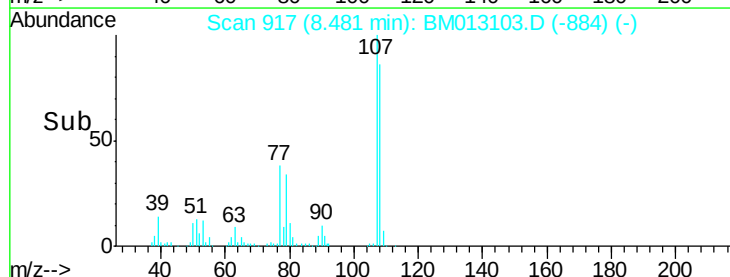
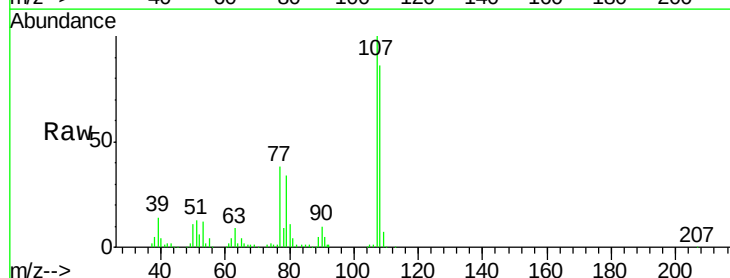
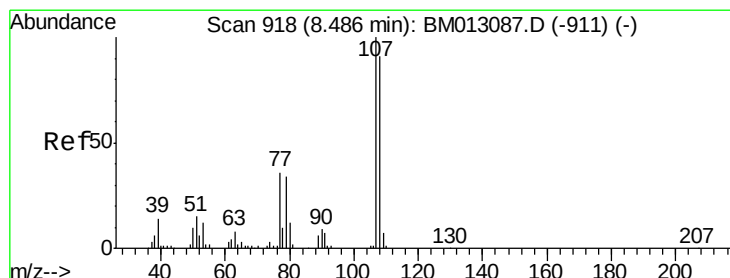
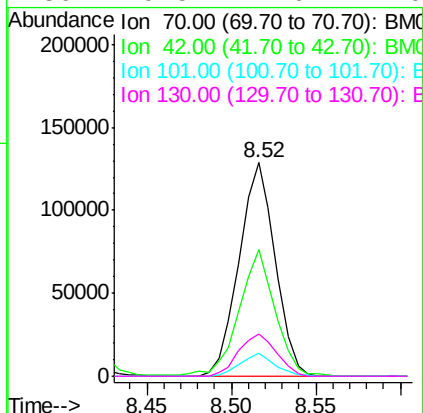




#15
N-Nitroso-di-n-propylamine
Concen: 17.04 ng/ul
RT: 8.52 min Scan# 923
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

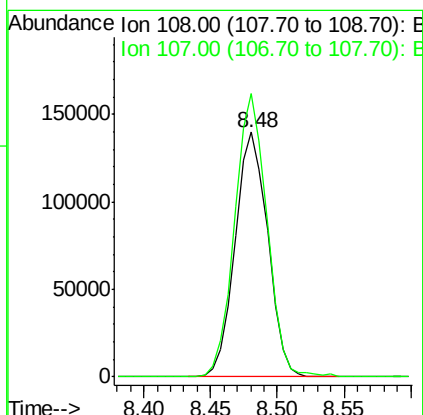
Instrument :
BNA_M
ClientSampleId :

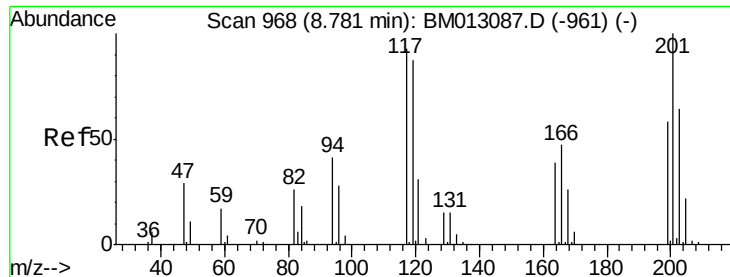
Tot Ion: 70 Resp: 192068
Ion Ratio Lower Upper
70 100
42 59.4 76.0 114.0#
101 10.6 6.7 10.1#
130 19.5 14.6 22.0



#16
4-Methylphenol
Concen: 17.08 ng/ul
RT: 8.48 min Scan# 917
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion: 108 Resp: 237930
Ion Ratio Lower Upper
108 100
107 115.6 84.9 127.3

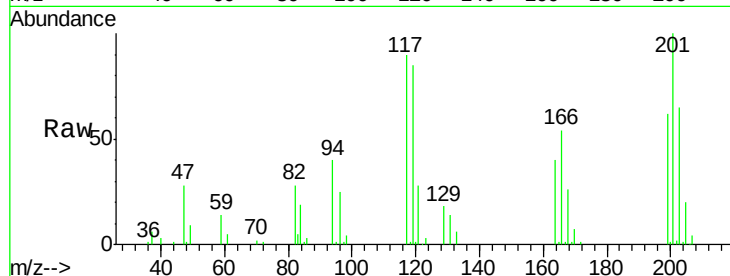




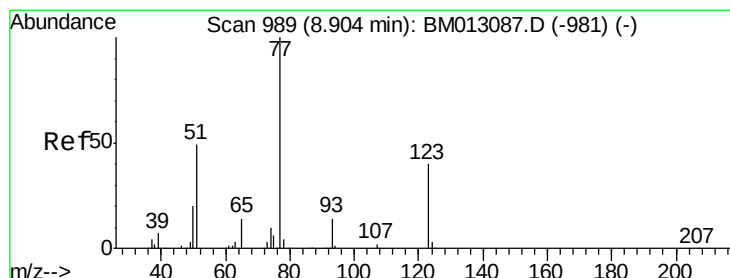
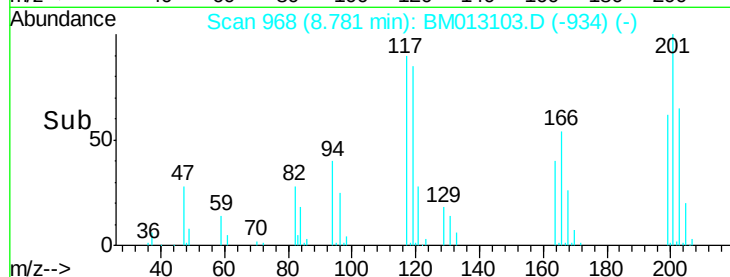
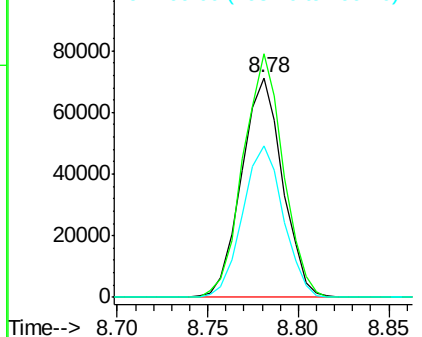
#17
Hexachloroethane
Concen: 19.06 ng/ul
RT: 8.78 min Scan# 968
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 111837
Ion Ratio Lower Upper
117 100
201 111.0 111.6 167.4#
199 68.9 67.8 101.6

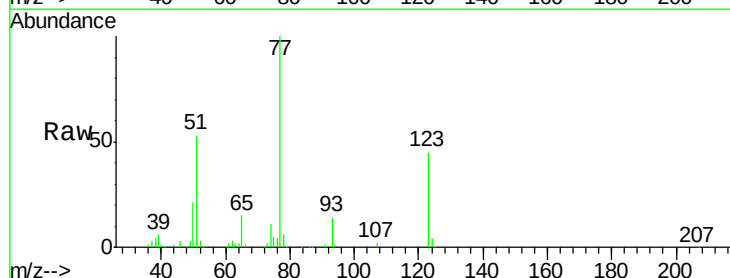


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

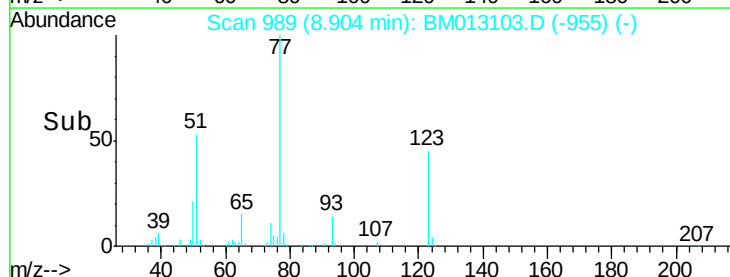
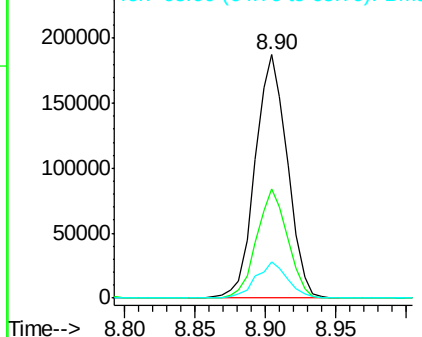


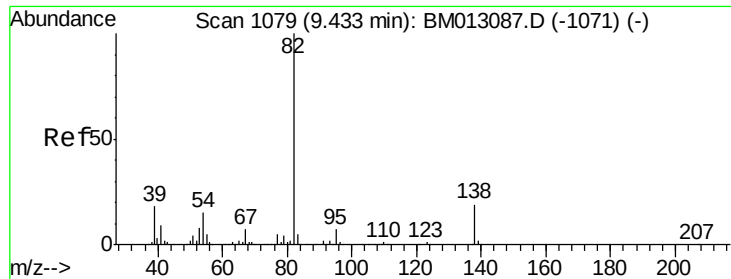
#20
Nitrobenzene
Concen: 21.43 ng/ul
RT: 8.90 min Scan# 989
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion: 77 Resp: 300560
Ion Ratio Lower Upper
77 100
123 45.0 31.0 46.6
65 15.0 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BM
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 17.22 ng/ul

RT: 9.43 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

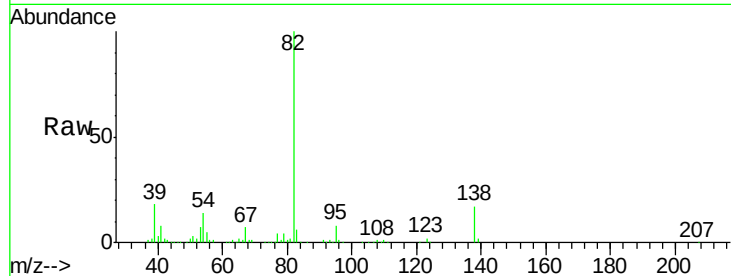
Tot Ion: 82 Resp: 494772

Ion Ratio Lower Upper

82 100

95 8.4 7.8 11.8

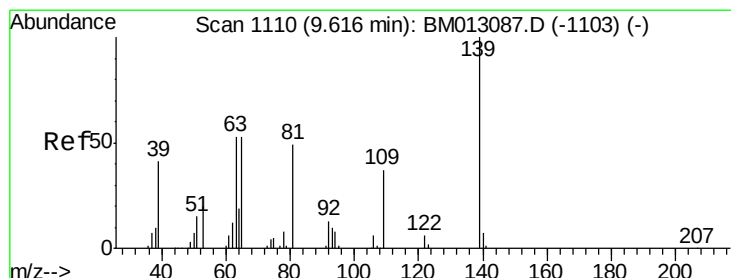
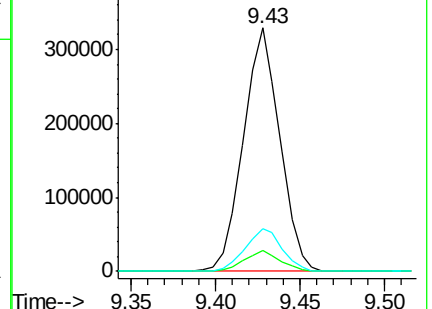
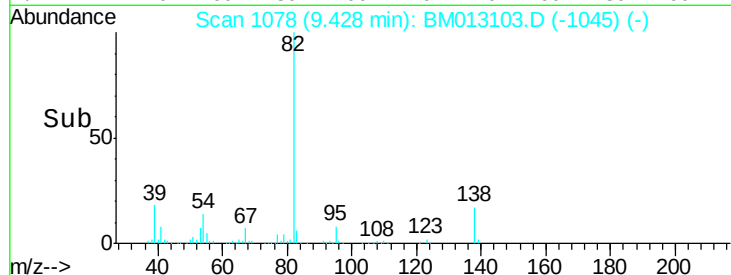
138 17.5 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM013087.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM013087.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM013087.D (-1071) (-)



#23

2-Nitrophenol

Concen: 22.98 ng/ul

RT: 9.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

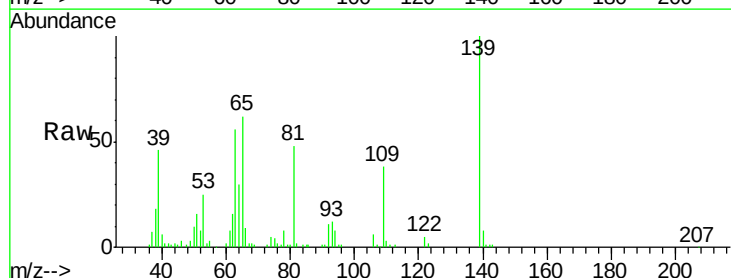
Tgt Ion: 139 Resp: 133542

Ion Ratio Lower Upper

139 100

65 62.0 55.4 83.0

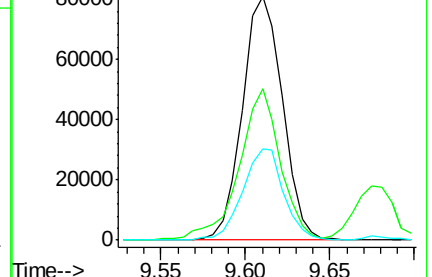
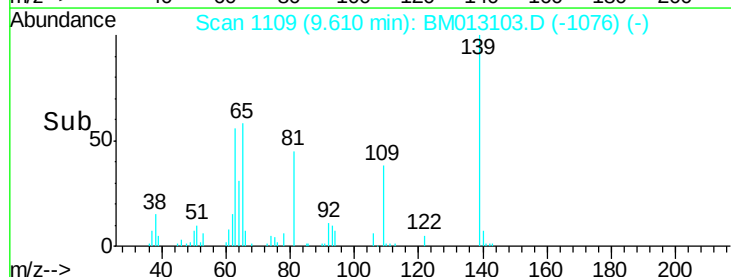
109 37.7 42.2 63.2#

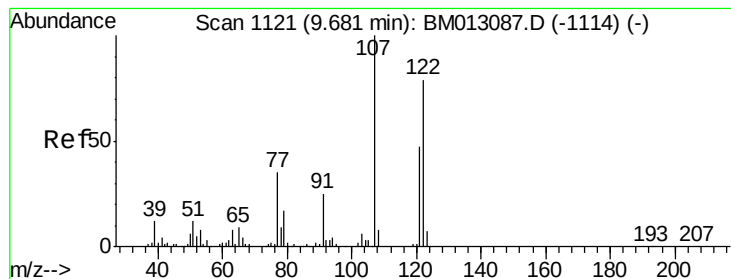


Abundance Ion 139.00 (138.70 to 139.70): BM013087.D (-1103) (-)

Ion 65.00 (64.70 to 65.70): BM013087.D (-1103) (-)

Ion 109.00 (108.70 to 109.70): BM013087.D (-1103) (-)





#24

2,4-Dimethylphenol

Concen: 18.50 ng/ul

RT: 9.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

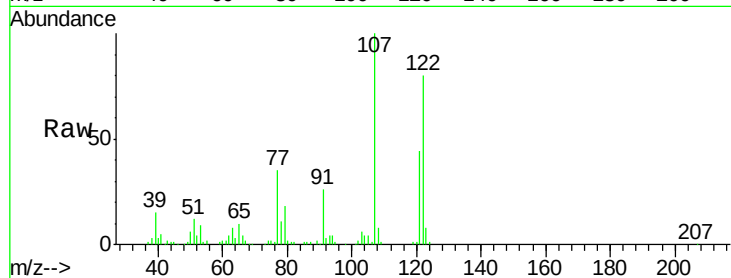
Tot Ion:107 Resp: 282709

Ion Ratio Lower Upper

107 100

121 43.9 31.9 47.9

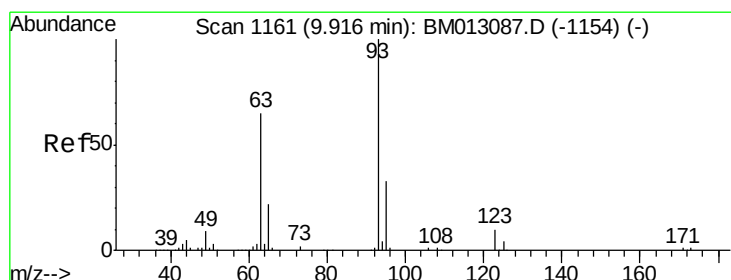
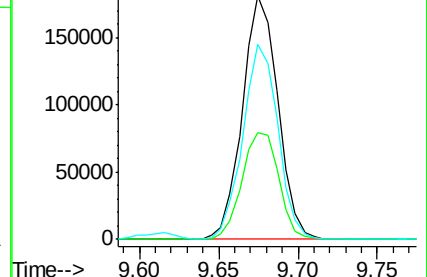
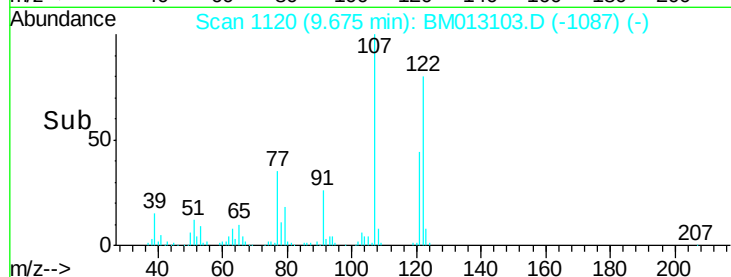
122 80.3 57.8 86.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.54 ng/ul

RT: 9.91 min Scan# 1160

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

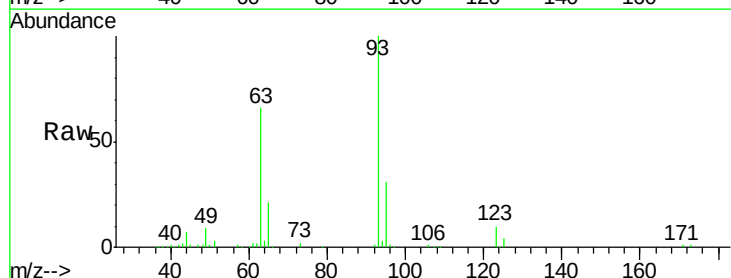
Tgt Ion: 93 Resp: 305762

Ion Ratio Lower Upper

93 100

95 31.4 28.5 42.7

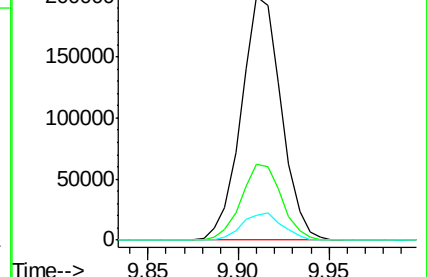
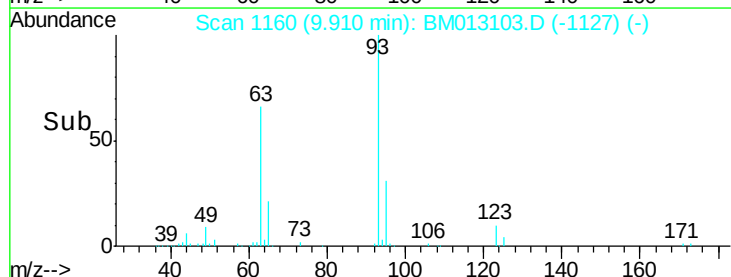
123 10.4 8.9 13.3

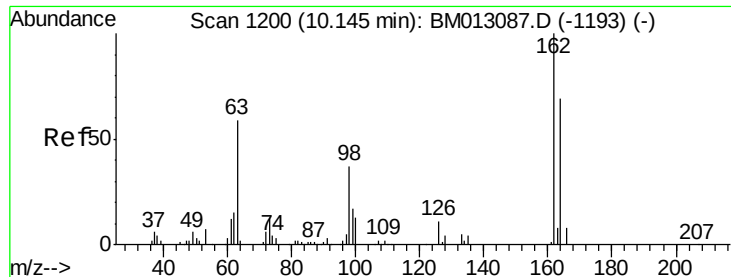


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

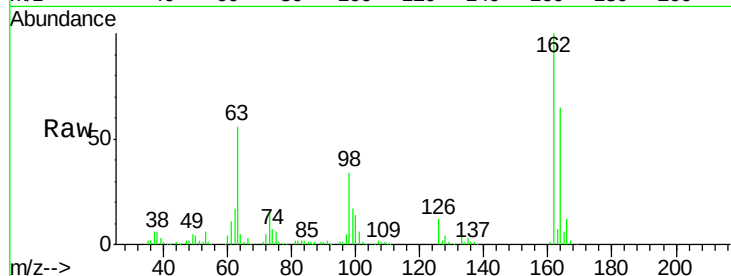




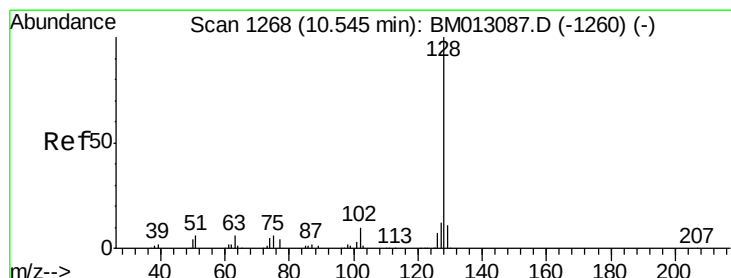
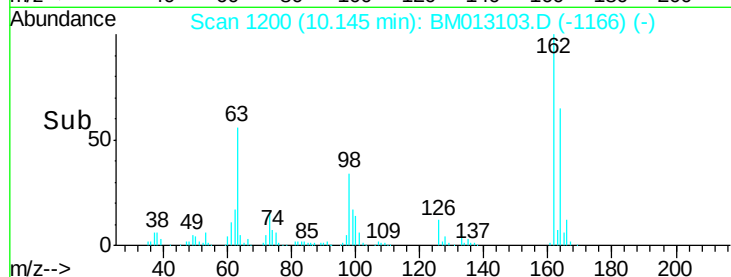
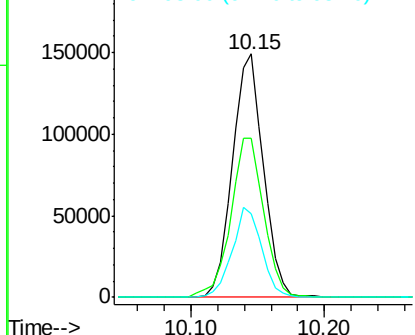
#27
2,4-Dichlorophenol
Concen: 19.10 ng/ul
RT: 10.15 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.3	47.8	71.6
98	34.3	23.0	34.4

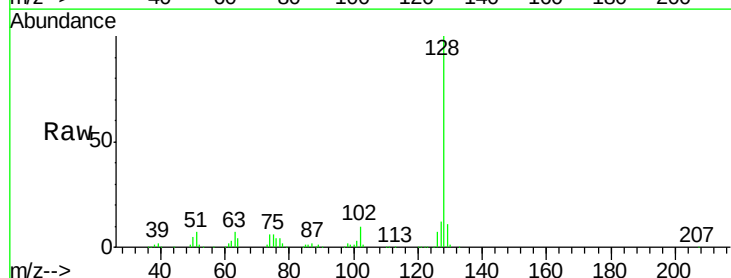


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BMO

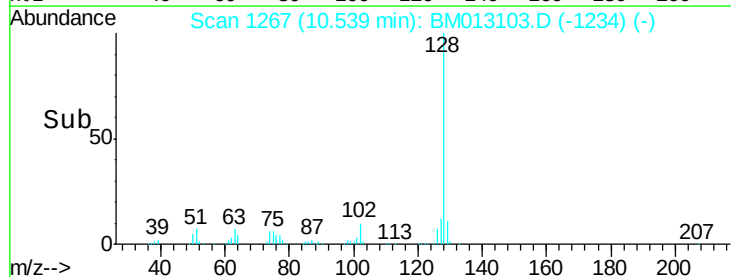
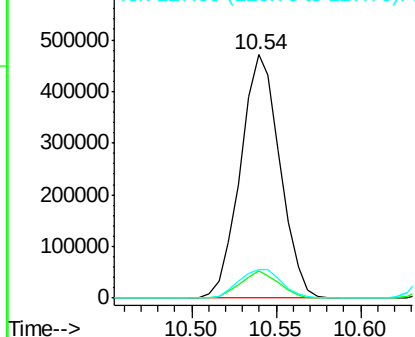


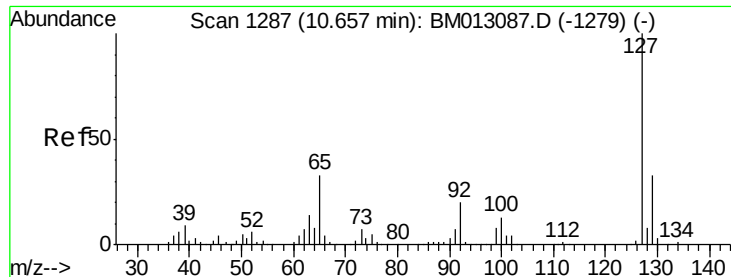
#28
Naphthalene
Concen: 18.91 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	12.0	10.6	16.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

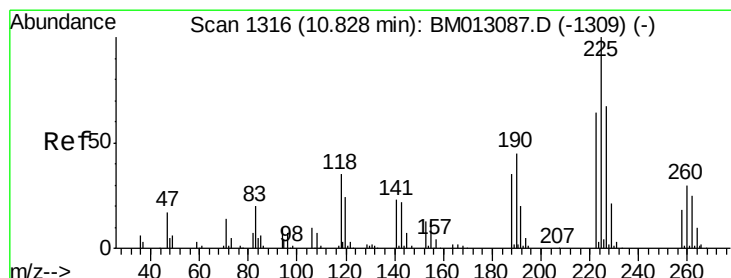
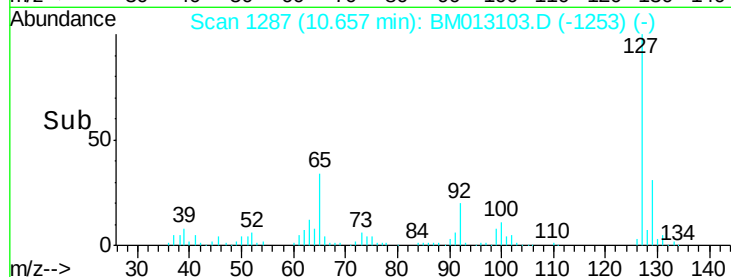
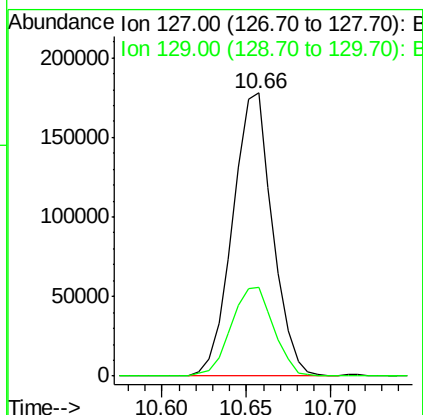
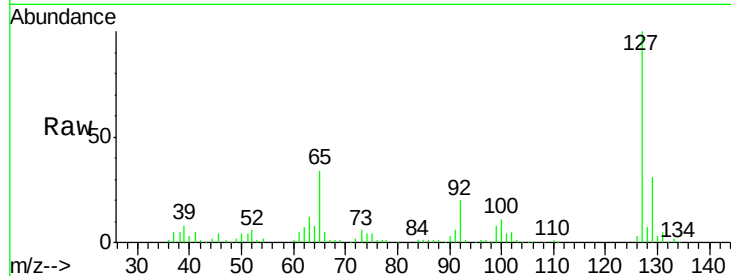




#30
4-Chloroaniline
Concen: 21.52 ng/ul
RT: 10.66 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

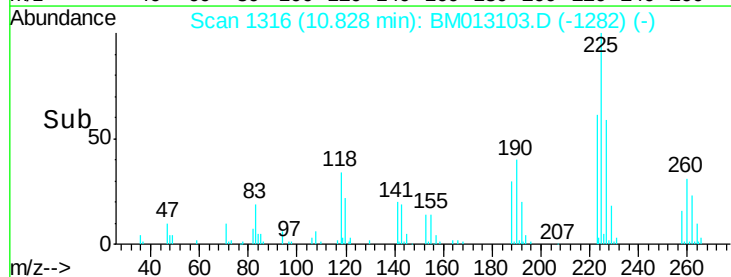
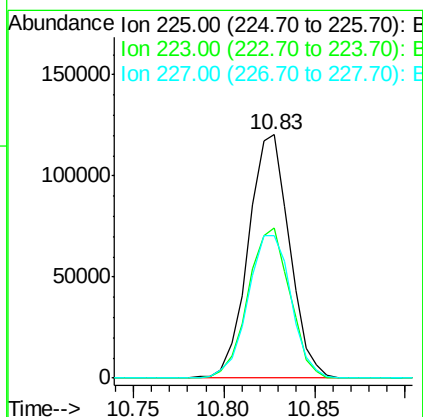
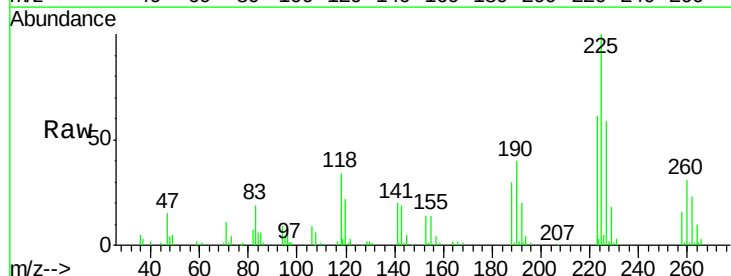
Instrument :
BNA_M
ClientSampleId :

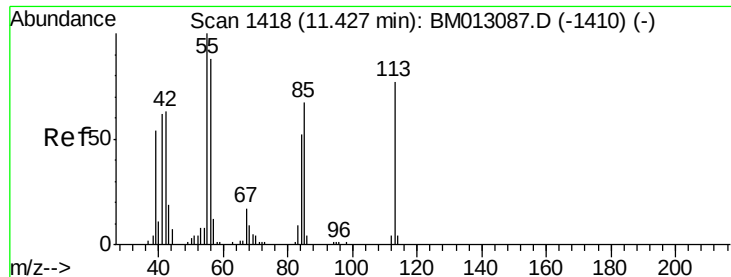
Tot Ion:127 Resp: 292418
Ion Ratio Lower Upper
127 100
129 31.3 28.4 42.6



#31
Hexachlorobutadiene
Concen: 20.99 ng/ul
RT: 10.83 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:225 Resp: 190325
Ion Ratio Lower Upper
225 100
223 61.4 49.4 74.2
227 58.8 45.4 68.2





#32

Caprolactam

Concen: 16.45 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

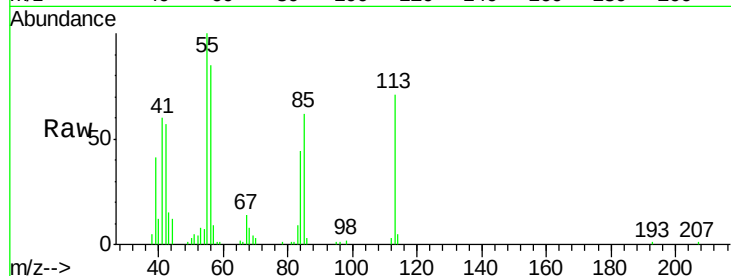
Tot Ion:113 Resp: 65056

Ion Ratio Lower Upper

113 100

55 140.0 208.0 312.0#

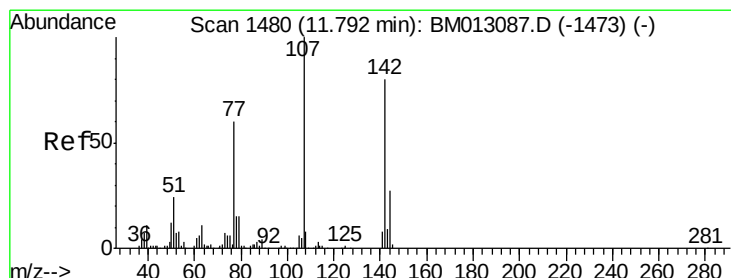
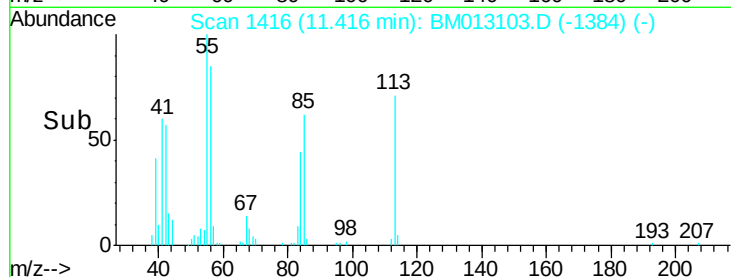
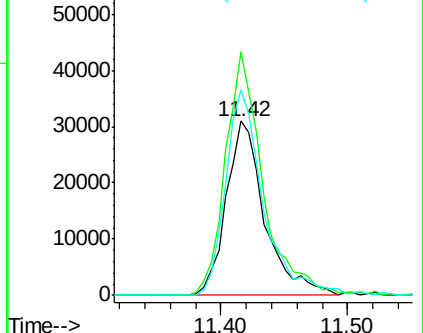
56 118.3 160.0 240.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 17.76 ng/ul

RT: 11.79 min Scan# 1479

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

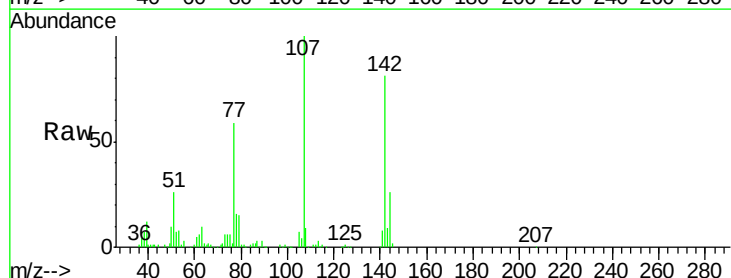
Tgt Ion:107 Resp: 238306

Ion Ratio Lower Upper

107 100

144 26.2 20.4 30.6

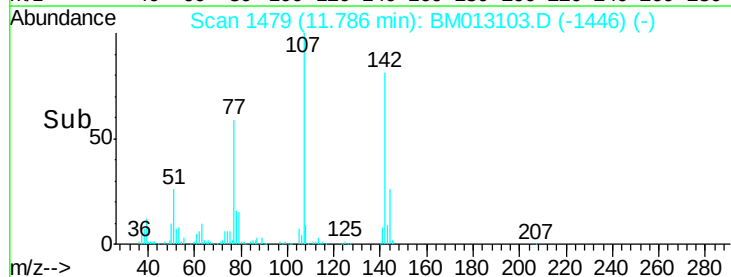
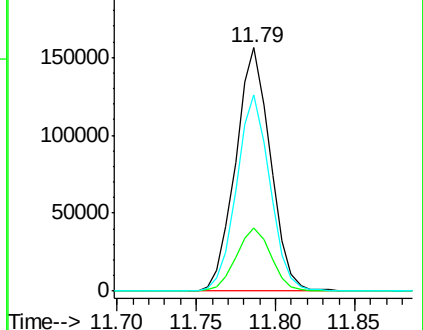
142 80.5 60.5 90.7

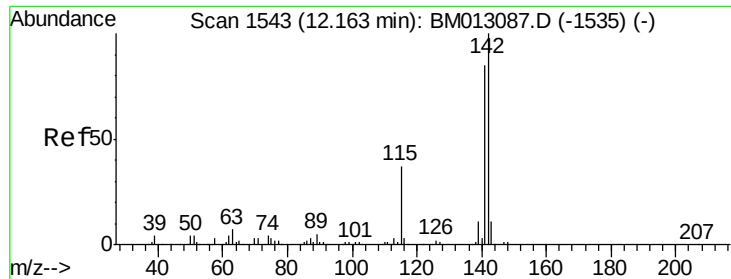


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

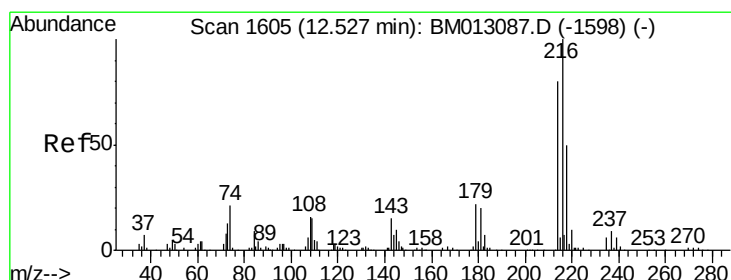
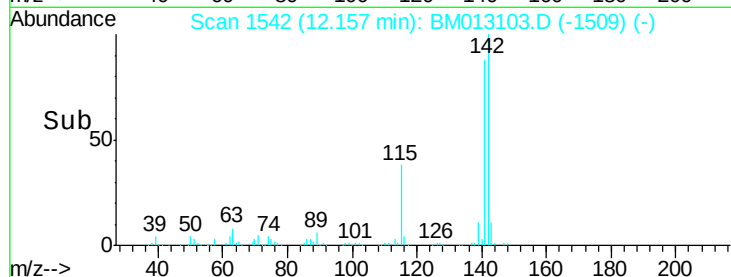
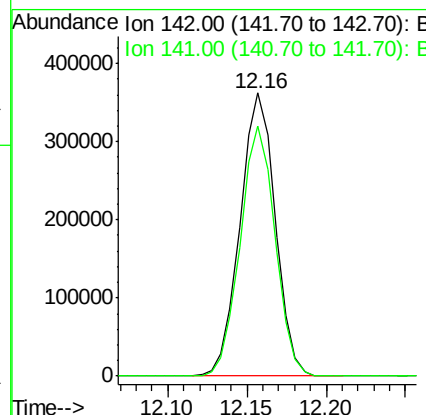
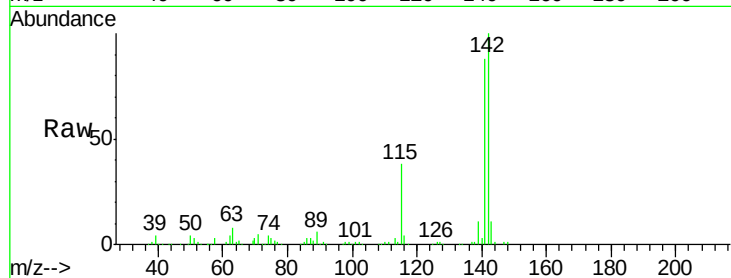




#34
 2-Methylnaphthalene
 Concen: 18.73 ng/ul
 RT: 12.16 min Scan# 1542
 Delta R.T. -0.01 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

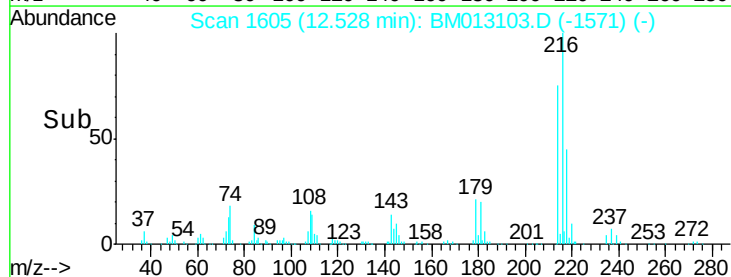
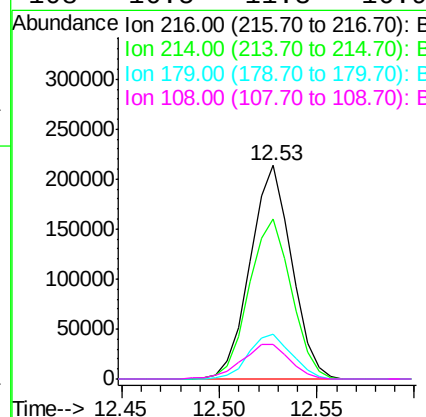
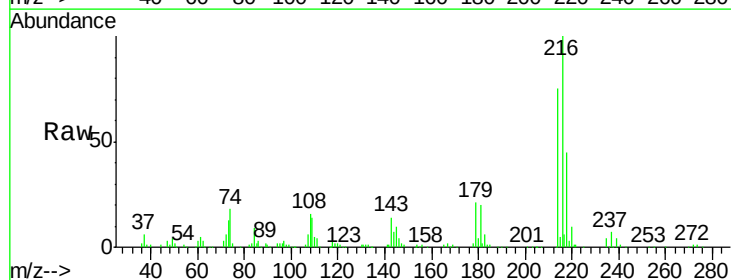
Instrument :
 BNA_M
 ClientSampleId :

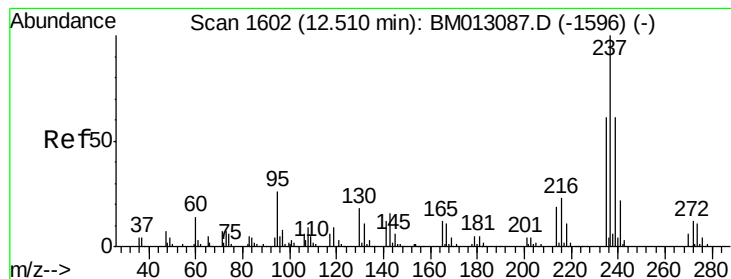
Tot Ion:142 Resp: 556268
 Ion Ratio Lower Upper
 142 100
 141 88.4 74.1 111.1



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.41 ng/ul
 RT: 12.53 min Scan# 1605
 Delta R.T. 0.00 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

Tgt Ion:216 Resp: 314113
 Ion Ratio Lower Upper
 216 100
 214 75.0 60.6 90.8
 179 21.3 17.5 26.3
 108 16.5 11.3 16.9





#37

Hexachlorocyclopentadiene

Concen: 15.50 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

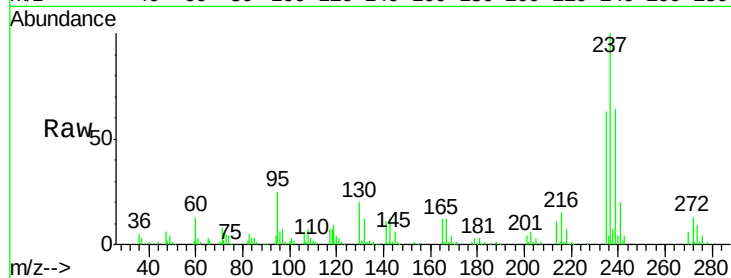
Tot Ion:237 Resp: 176372

Ion Ratio Lower Upper

237 100

235 63.3 50.2 75.4

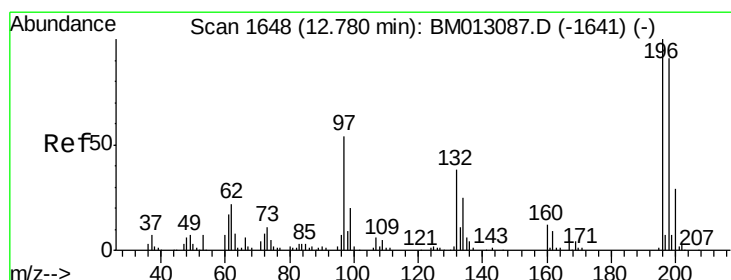
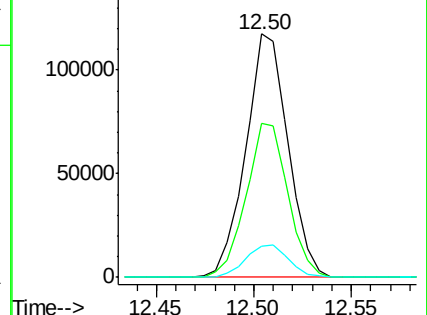
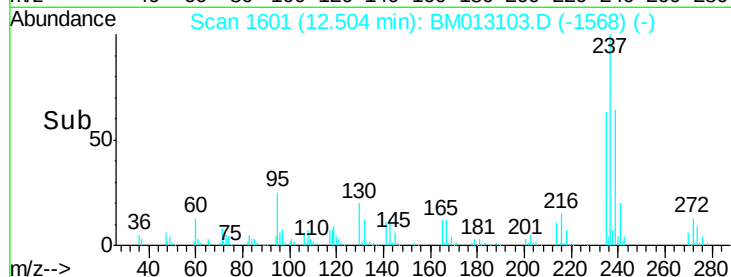
272 13.4 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 20.41 ng/ul

RT: 12.77 min Scan# 1647

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

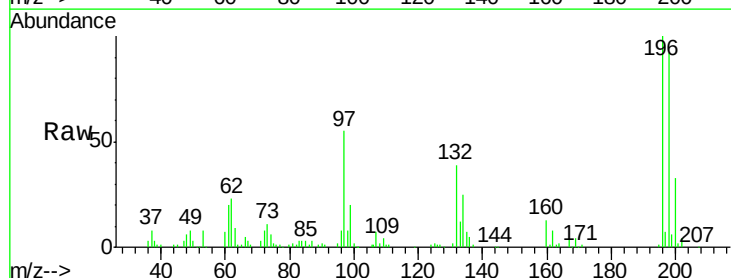
Tgt Ion:196 Resp: 189239

Ion Ratio Lower Upper

196 100

198 92.4 74.1 111.1

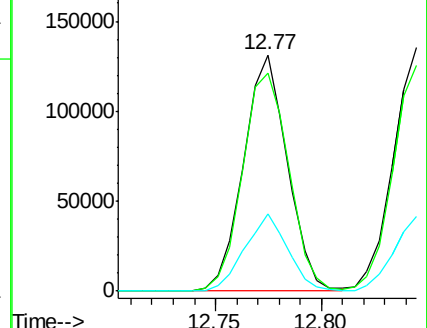
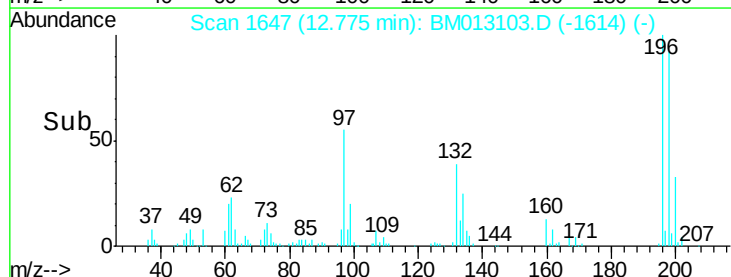
200 32.7 25.2 37.8

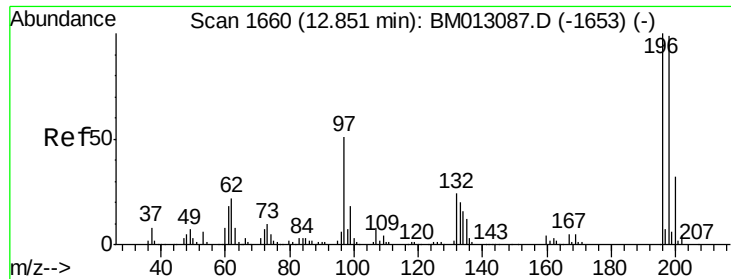


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

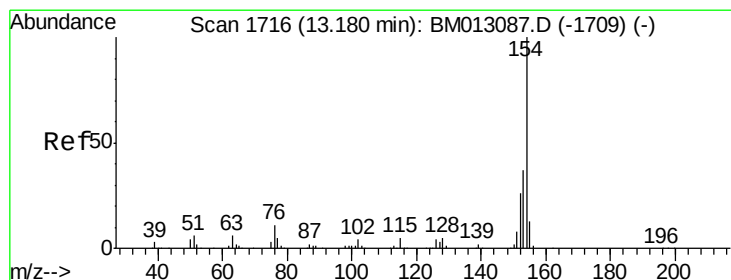
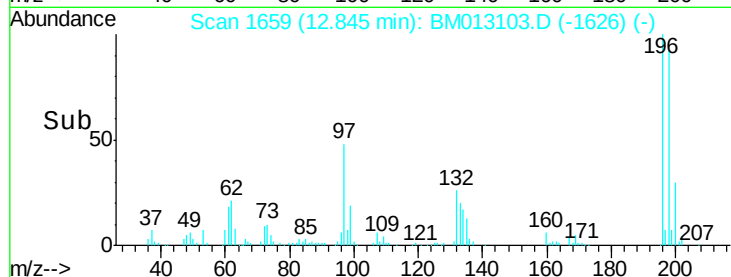
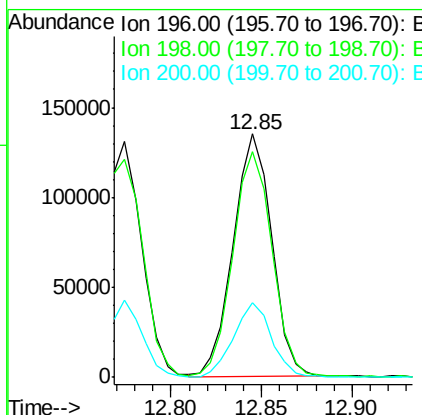
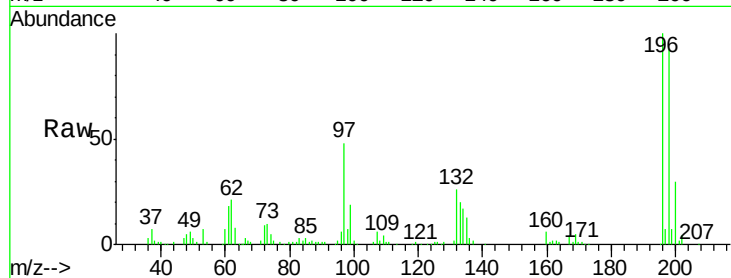




#39
2,4,5-Trichlorophenol
Concen: 20.70 ng/ul
RT: 12.85 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

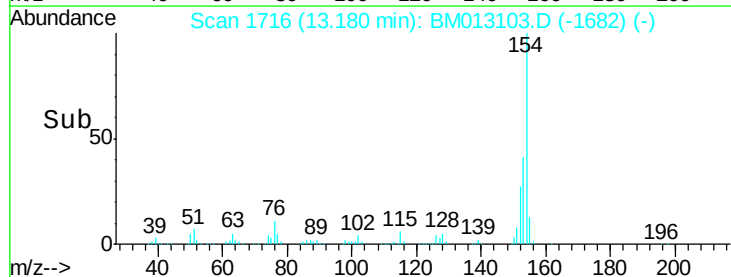
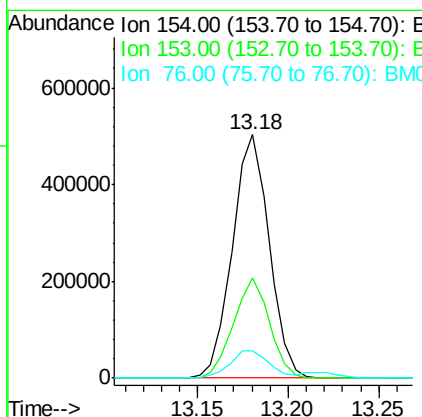
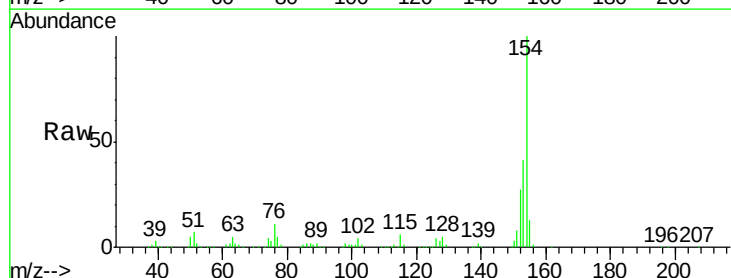
Instrument :
BNA_M
ClientSampleId :

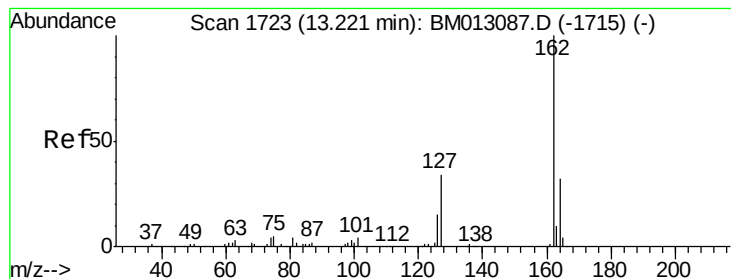
Tot Ion	Ratio	Lower	Upper
196	100		
198	92.6	75.6	113.4
200	30.4	25.5	38.3



#40
1,1'-Biphenyl
Concen: 19.95 ng/ul
RT: 13.18 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.2	32.6	48.8
76	11.1	8.5	12.7





#41

2-Chloronaphthalene

Concen: 20.12 ng/ul

RT: 13.22 min Scan# 1722

Delta R.T. -0.01 min

Lab File: BM013103.D

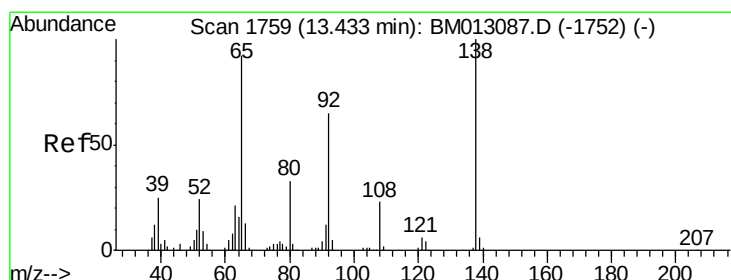
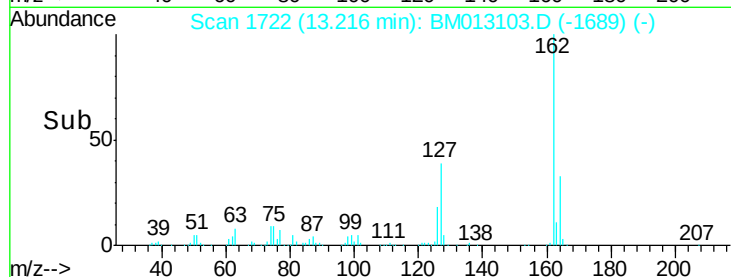
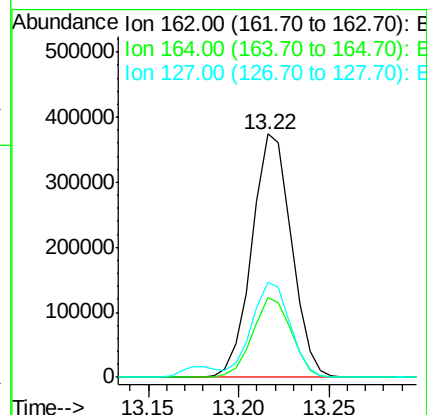
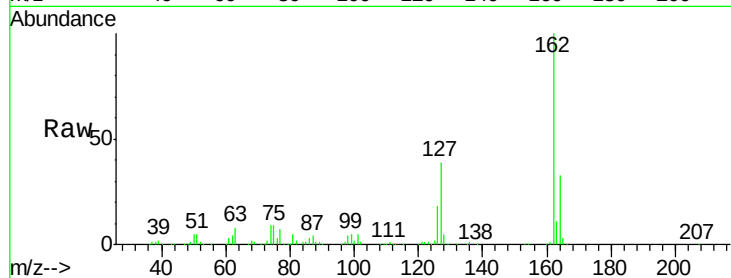
Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampled :

Tot Ion:	162	Resp:	568467
Ion	Ratio	Lower	Upper
162	100		
164	33.0	25.9	38.9
127	39.2	29.4	44.2



#42

2-Nitroaniline

Concen: 25.40 ng/ul

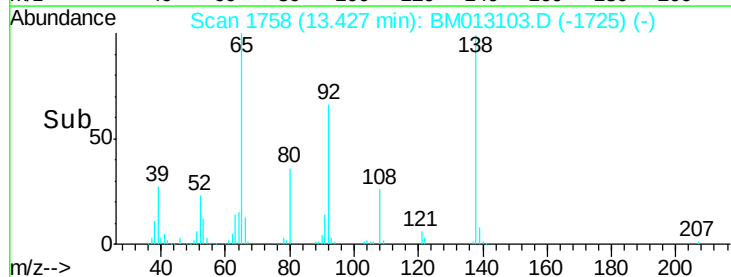
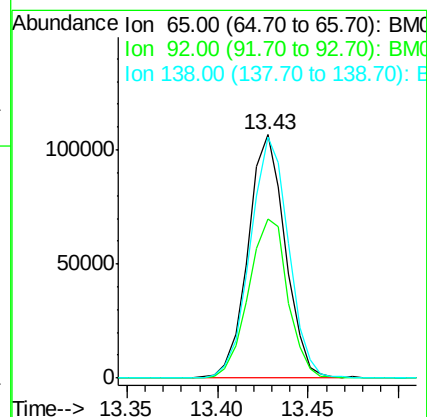
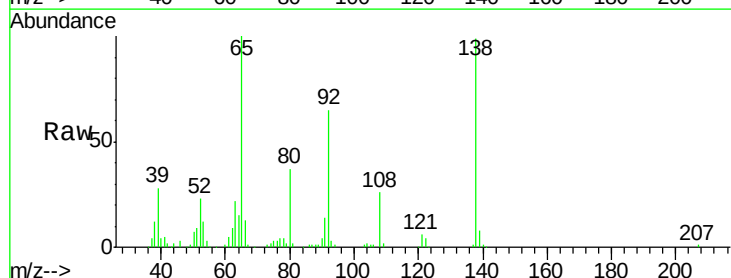
RT: 13.43 min Scan# 1758

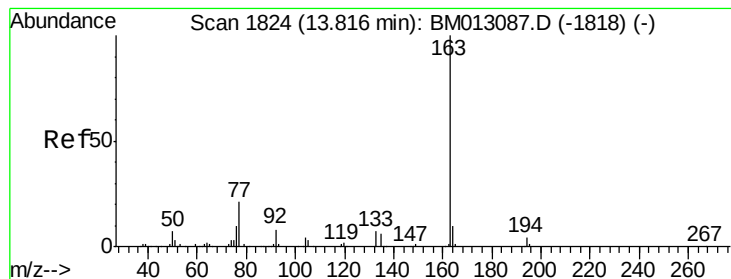
Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Tgt Ion:	65	Resp:	152371
Ion	Ratio	Lower	Upper
65	100		
92	65.3	51.8	77.6
138	98.9	74.2	111.4





#44

Dimethylphthalate

Concen: 18.34 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

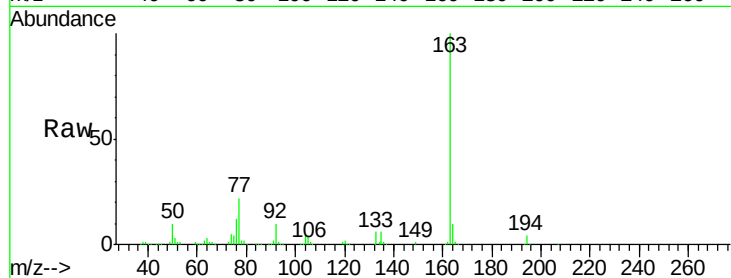
Tot Ion:163 Resp: 650711

Ion Ratio Lower Upper

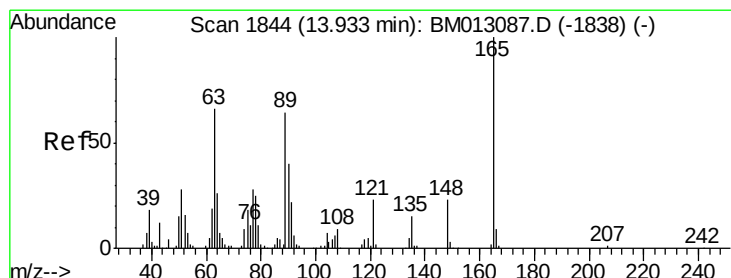
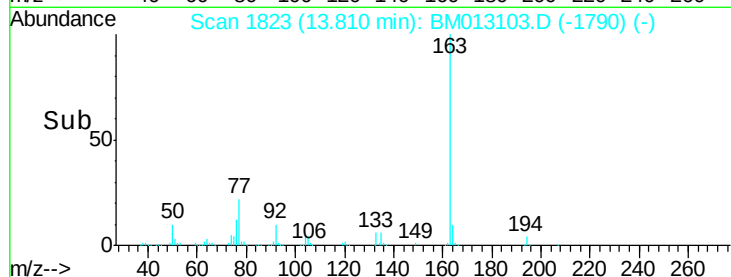
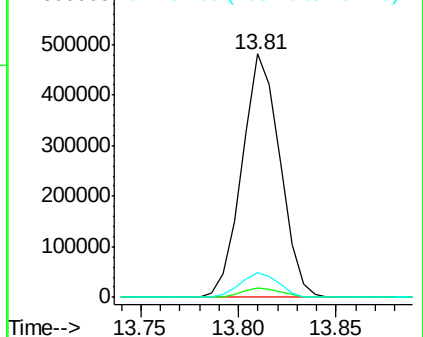
163 100

194 3.9 3.5 5.3

164 10.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 24.73 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

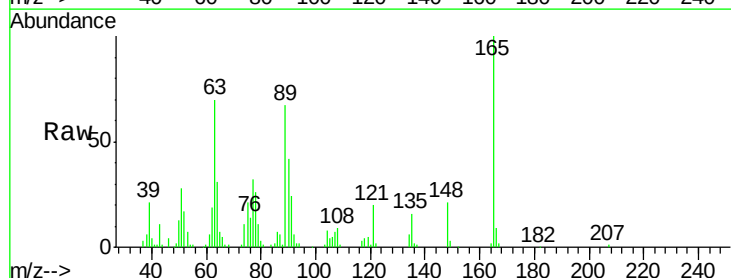
Tgt Ion:165 Resp: 133909

Ion Ratio Lower Upper

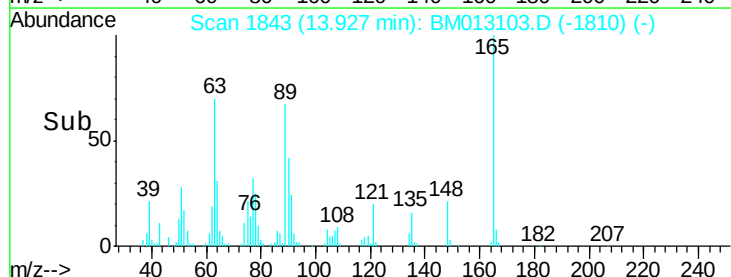
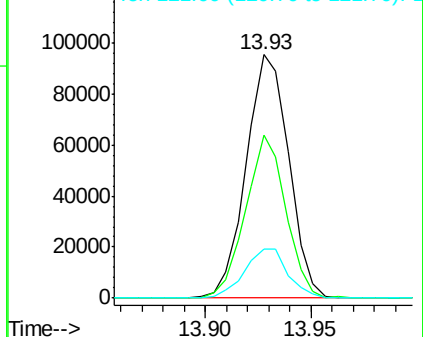
165 100

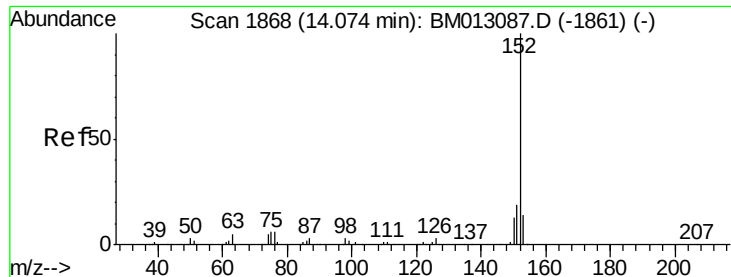
89 67.1 52.6 79.0

121 20.2 14.6 22.0



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 89.00 (88.70 to 89.70): BM0
Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.33 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

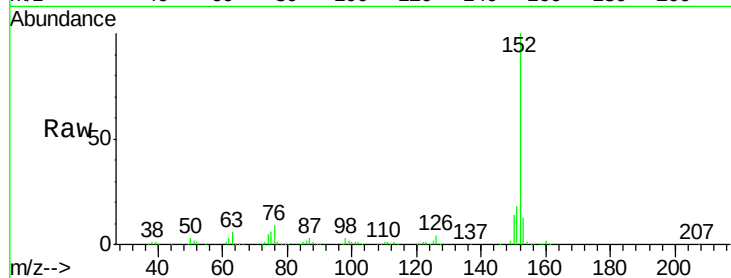
Tot Ion:152 Resp: 841818

Ion Ratio Lower Upper

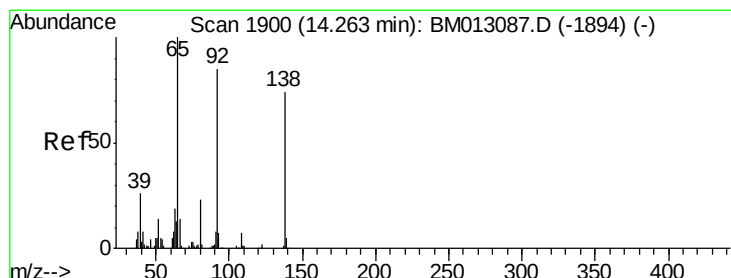
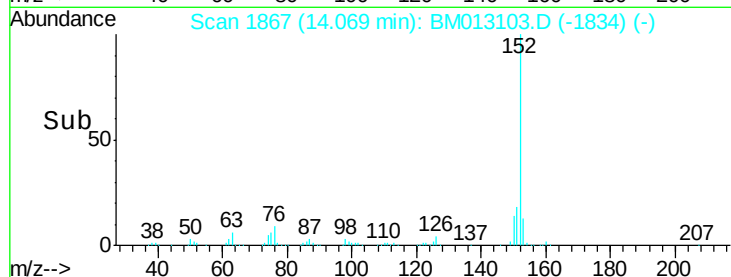
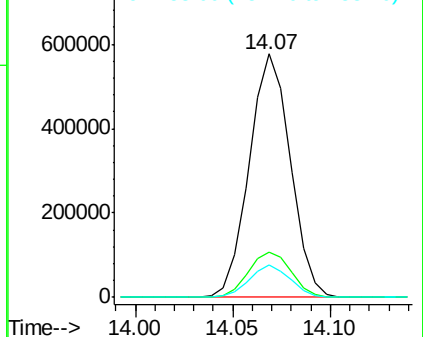
152 100

151 18.4 16.3 24.5

153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 24.16 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

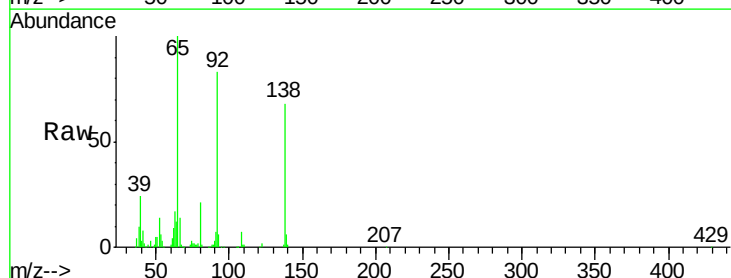
Tgt Ion:138 Resp: 122533

Ion Ratio Lower Upper

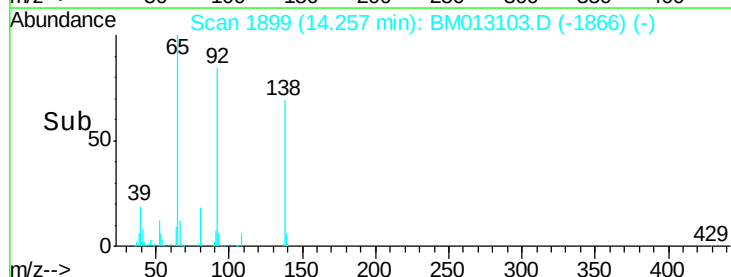
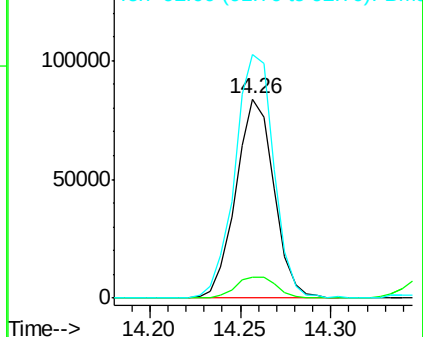
138 100

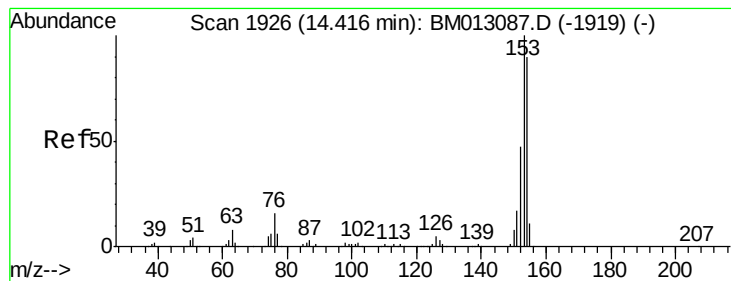
108 10.3 9.9 14.9

92 122.1 105.0 157.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 19.15 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

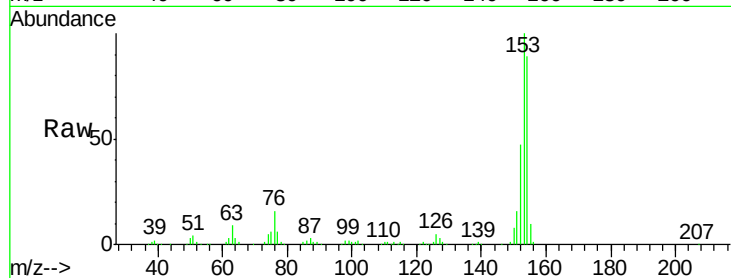
Tot Ion:153 Resp: 560437

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

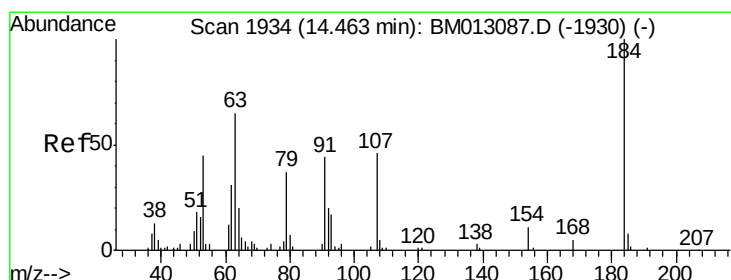
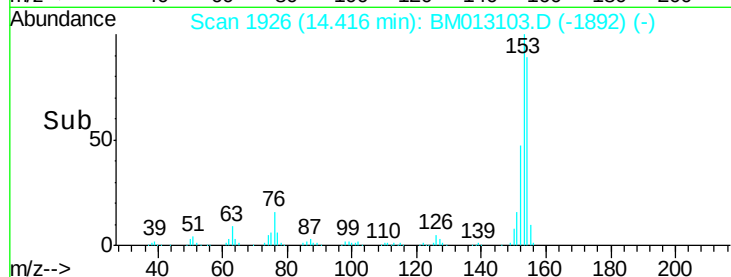
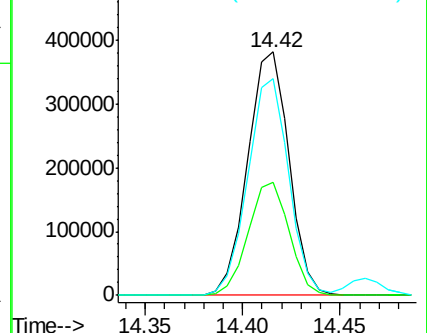
154 88.8 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 21.89 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

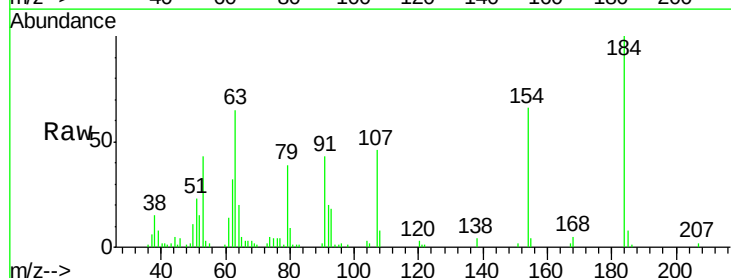
Tgt Ion:184 Resp: 56735

Ion Ratio Lower Upper

184 100

63 65.3 50.1 75.1

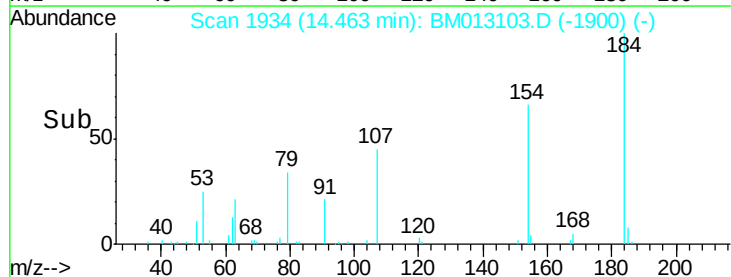
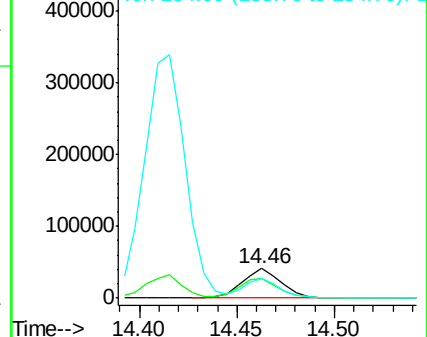
154 66.1 54.5 81.7

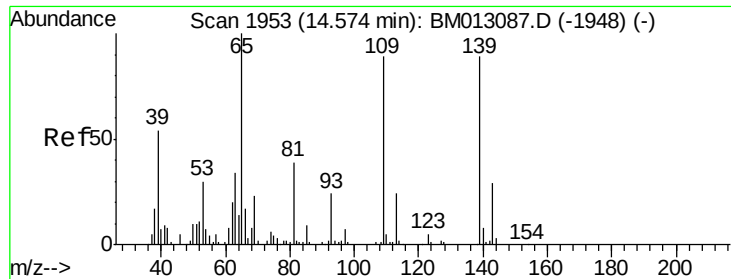


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.37 ng/ul

RT: 14.57 min Scan# 1953

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

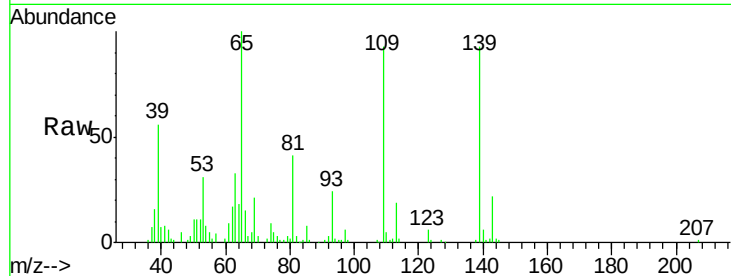
Tot Ion:109 Resp: 109009

Ion Ratio Lower Upper

109 100

139 99.7 80.0 120.0

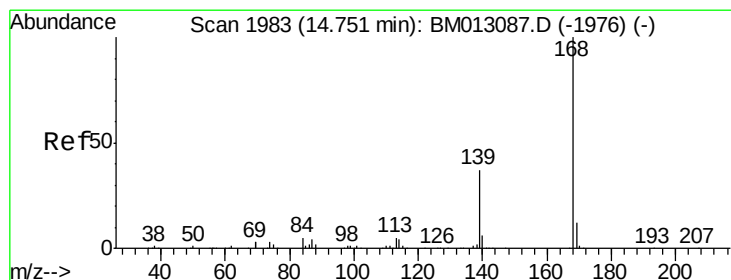
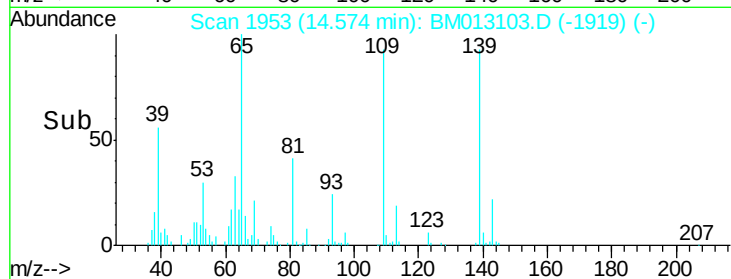
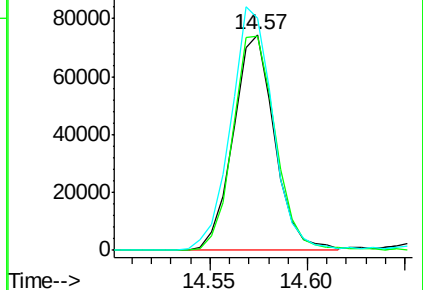
65 107.7 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.14 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BM013103.D

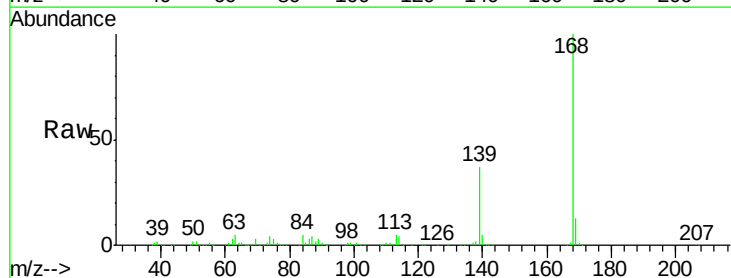
Acq: 23 Nov 2017 02:15

Tgt Ion:168 Resp: 802632

Ion Ratio Lower Upper

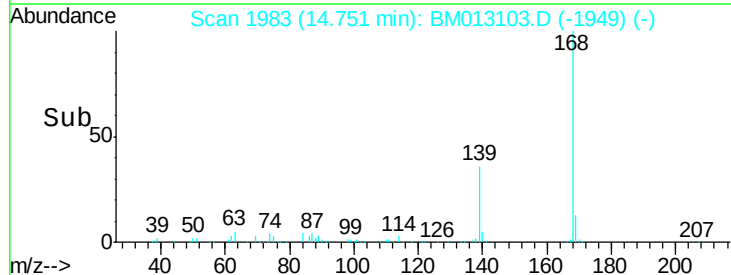
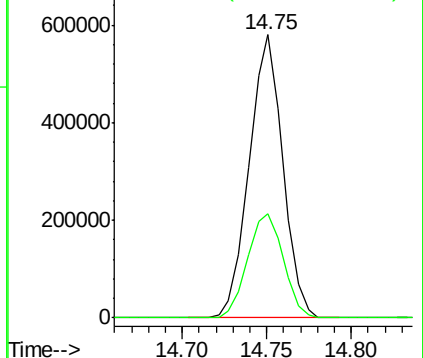
168 100

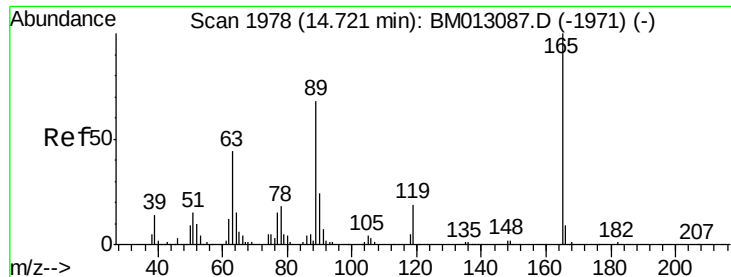
139 37.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

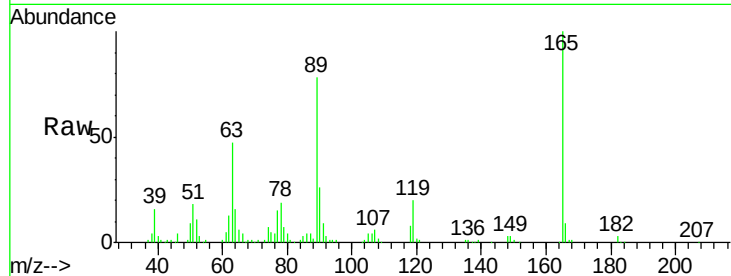




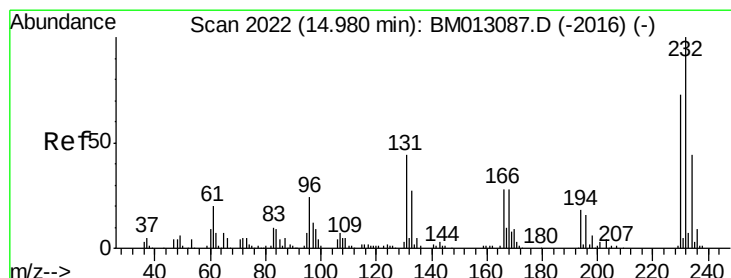
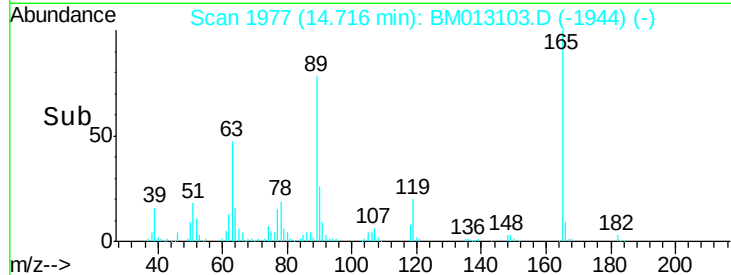
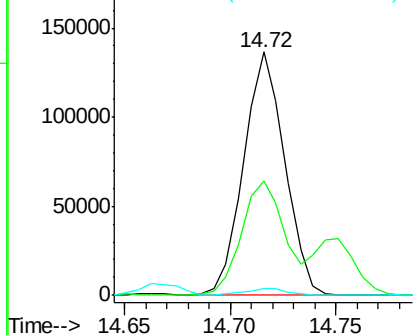
#54
 2,4-Dinitrotoluene
 Concen: 24.36 ng/ul
 RT: 14.72 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:165 Resp: 184478
 Ion Ratio Lower Upper
 165 100
 63 47.1 45.8 68.8
 182 2.7 2.6 4.0

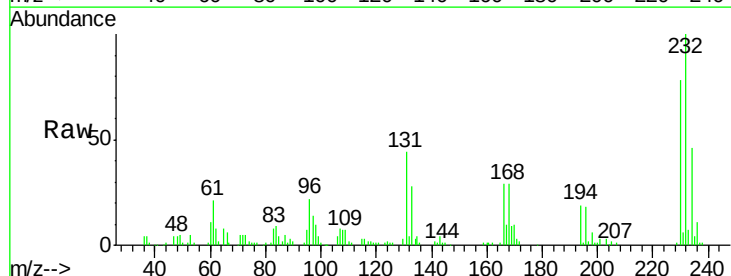


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM0
 Ion 182.00 (181.70 to 182.70): E

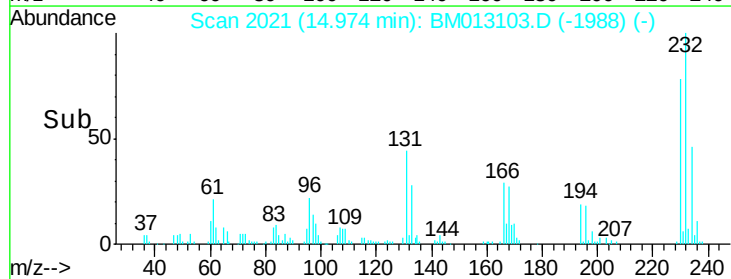
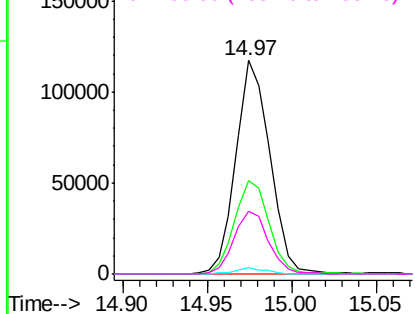


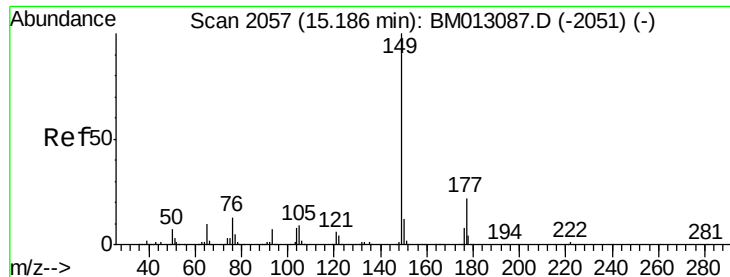
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 20.29 ng/ul
 RT: 14.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

Tgt Ion:232 Resp: 164712
 Ion Ratio Lower Upper
 232 100
 131 44.0 29.0 43.4#
 130 2.7 2.0 3.0
 166 29.2 21.4 32.2



Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

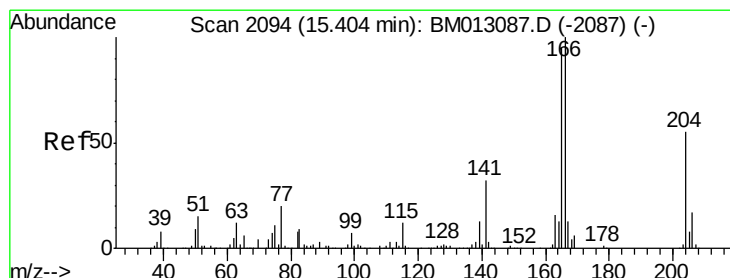
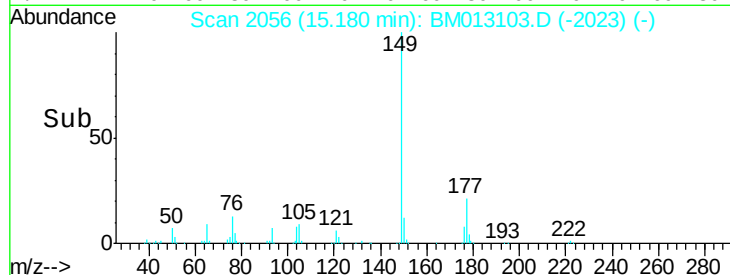
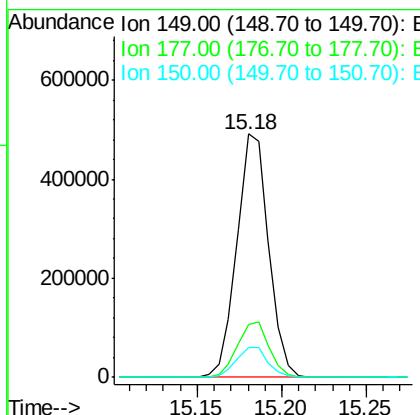
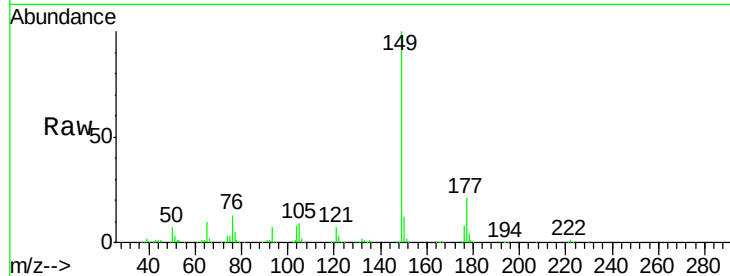




#56
Diethylphthalate
Concen: 17.93 ng/ul
RT: 15.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

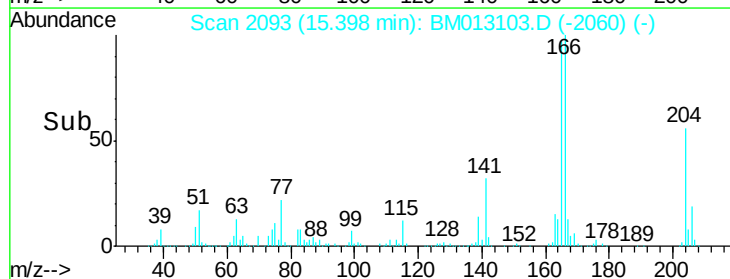
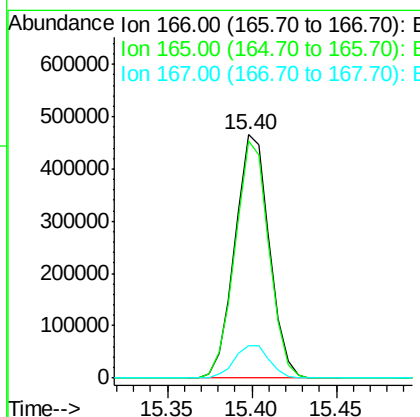
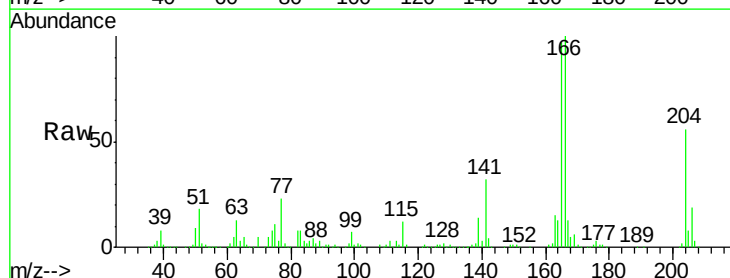
Instrument :
BNA_M
ClientSampleId :

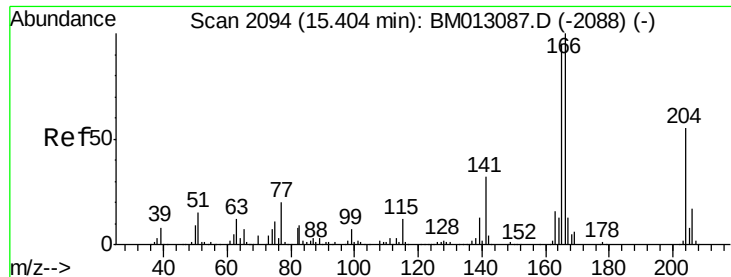
Tot Ion:149 Resp: 643214
Ion Ratio Lower Upper
149 100
177 21.5 20.5 30.7
150 12.1 10.6 15.8



#58
Fluorene
Concen: 19.08 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:166 Resp: 658973
Ion Ratio Lower Upper
166 100
165 97.3 77.9 116.9
167 13.2 10.6 16.0

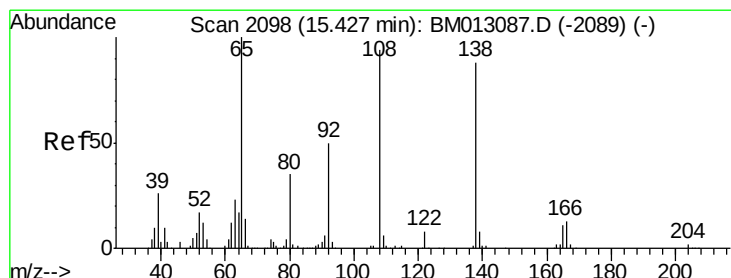
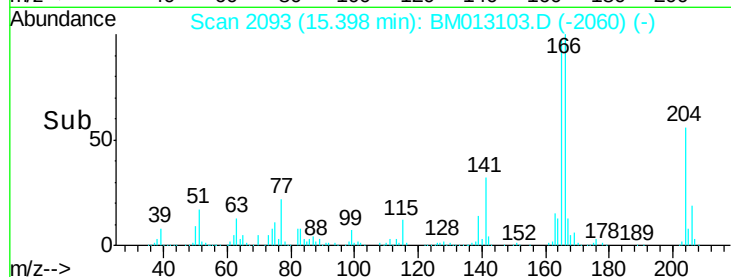
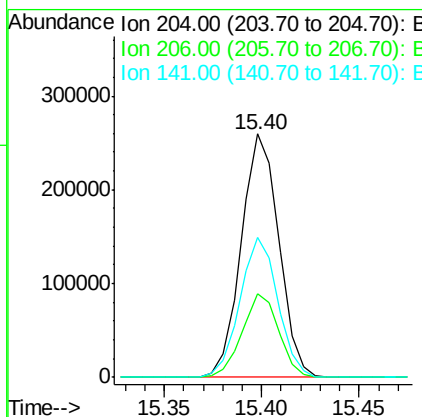
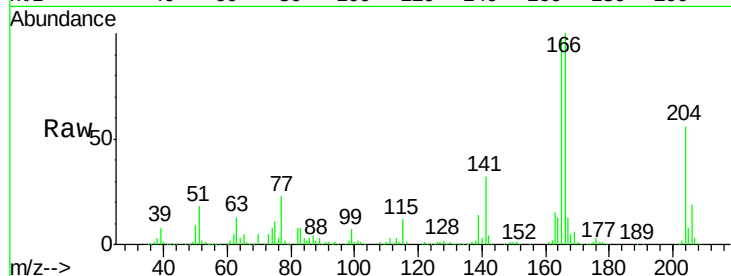




#59
4-Chlorophenyl-phenylether
Concen: 18.98 ng/ul
RT: 15.40 min Scan# 2093
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

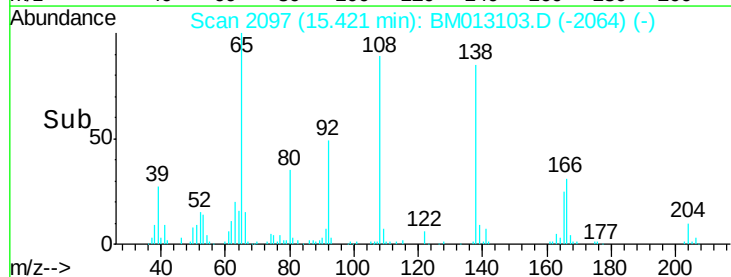
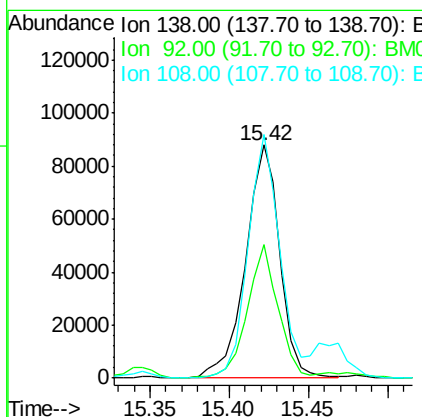
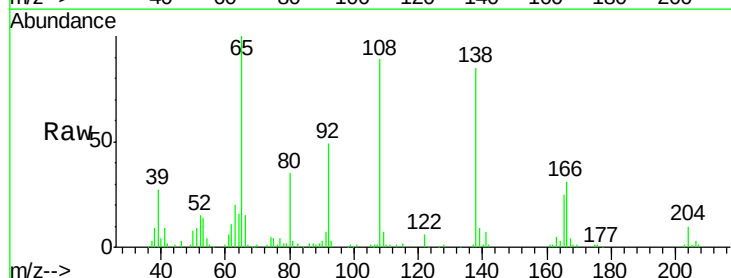
Instrument :
BNA_M
ClientSampled :

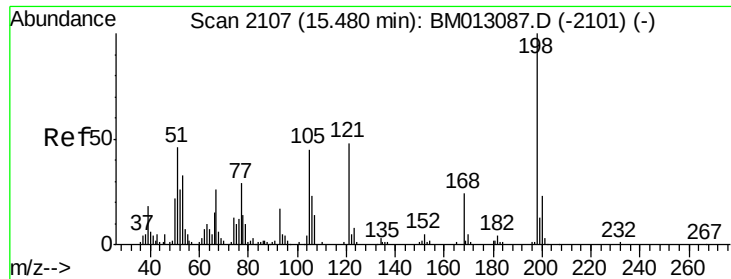
Tot Ion:204 Resp: 346173
Ion Ratio Lower Upper
204 100
206 34.1 24.8 37.2
141 57.3 44.3 66.5



#60
4-Nitroaniline
Concen: 19.77 ng/ul
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:138 Resp: 131825
Ion Ratio Lower Upper
138 100
92 57.4 40.0 60.0
108 104.5 80.0 120.0

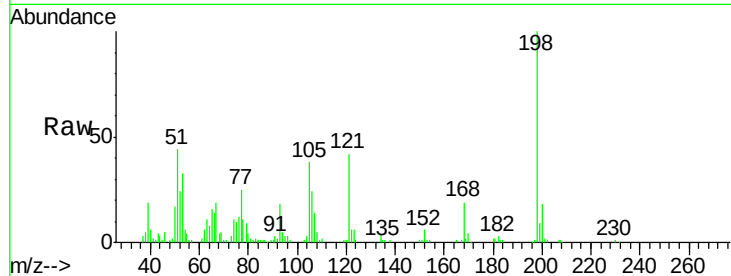




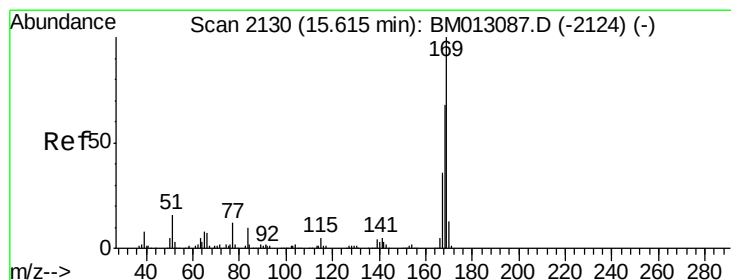
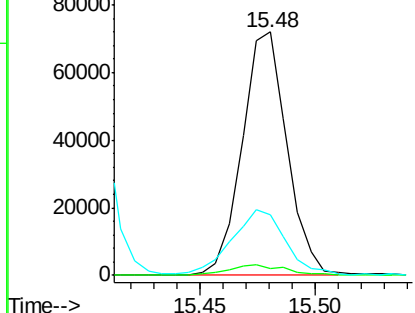
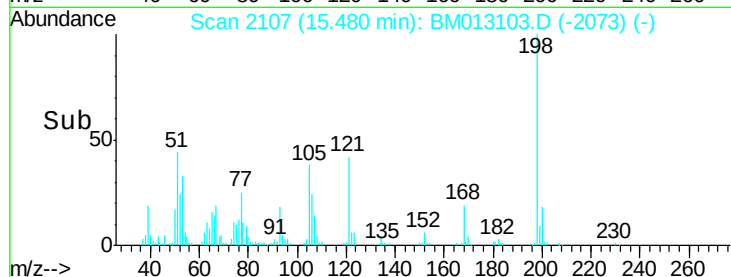
#63
 4,6-Dinitro-2-methylphenol
 Concen: 23.06 ng/ul
 RT: 15.48 min Scan# 2107
 Delta R.T. 0.00 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	198	Resp	97806
Ion Ratio	100		
Lower			
Upper			
182	2.7	3.8	5.6#
77	25.1	25.2	37.8#

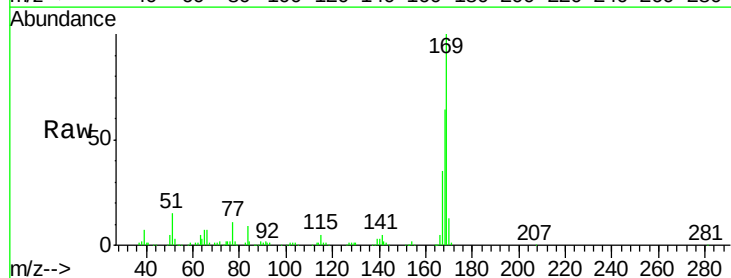


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMC

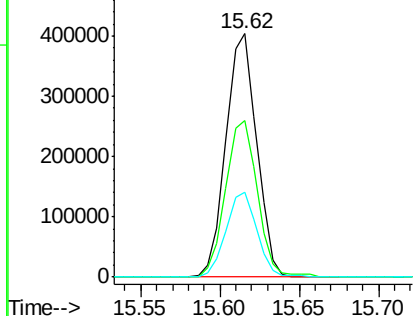
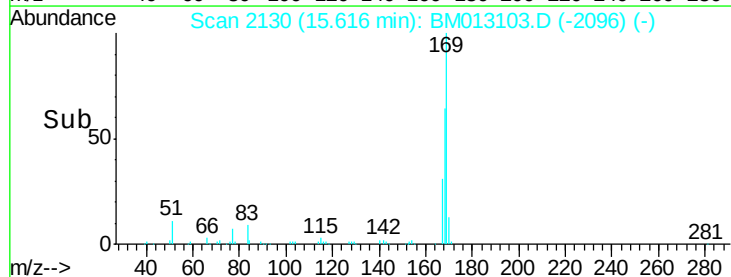


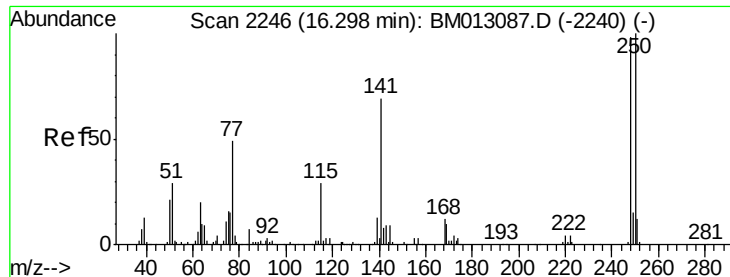
#64
 N-Nitrosodiphenylamine
 Concen: 19.23 ng/ul
 RT: 15.62 min Scan# 2130
 Delta R.T. 0.00 min
 Lab File: BM013103.D
 Acq: 23 Nov 2017 02:15

Tgt Ion	169	Resp	543844
Ion Ratio	100		
Lower			
Upper			
168	64.3	54.0	81.0
167	34.7	29.1	43.7



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

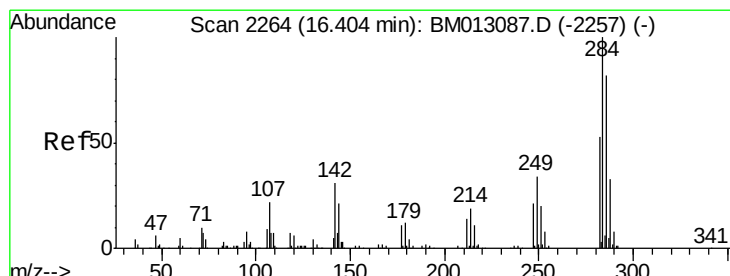
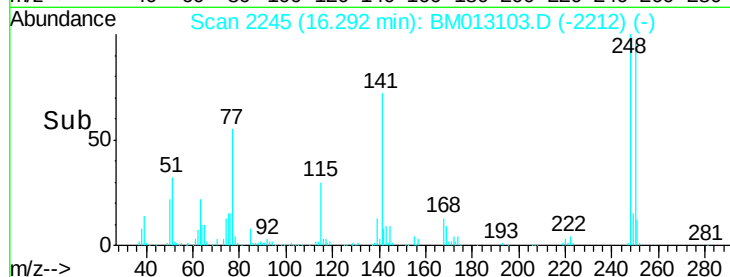
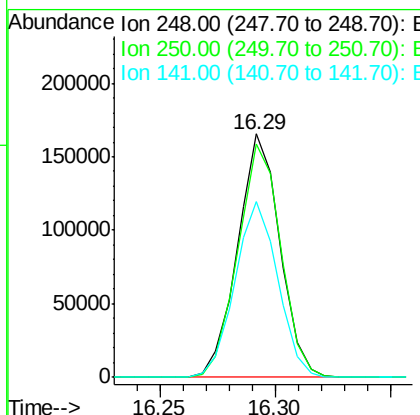
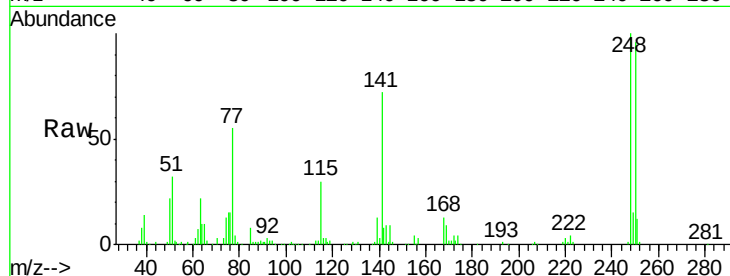




#65
4-Bromophenyl-phenylether
Concen: 19.41 ng/ul
RT: 16.29 min Scan# 2245
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

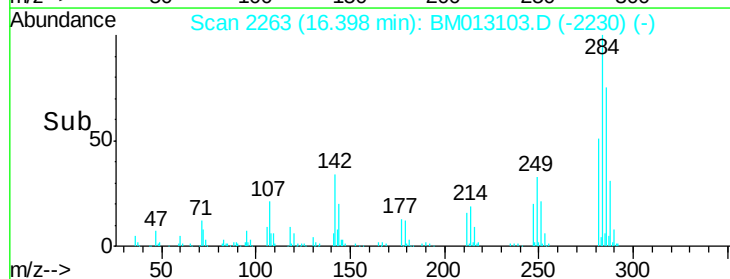
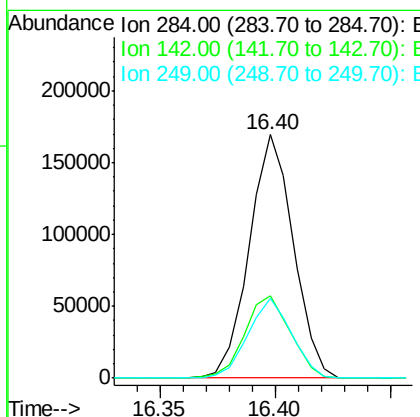
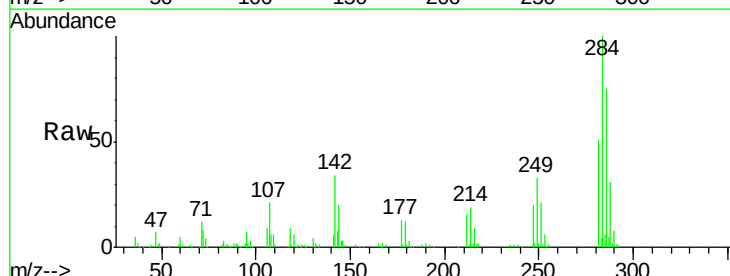
Instrument :
BNA_M
ClientSampleId :

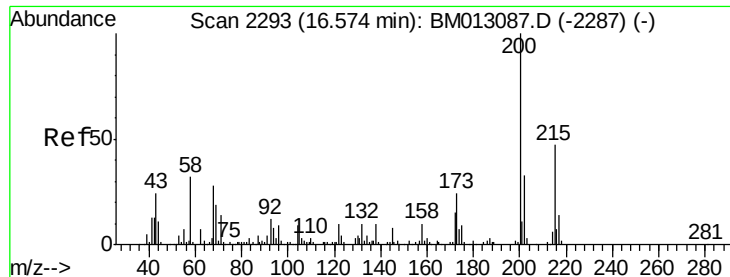
Tot Ion:248 Resp: 211769
Ion Ratio Lower Upper
248 100
250 96.1 80.5 120.7
141 72.3 53.6 80.4



#66
Hexachlorobenzene
Concen: 19.17 ng/ul
RT: 16.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:284 Resp: 225751
Ion Ratio Lower Upper
284 100
142 33.7 21.2 31.8#
249 32.7 24.5 36.7





#67

Atrazine

Concen: 18.69 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampled :

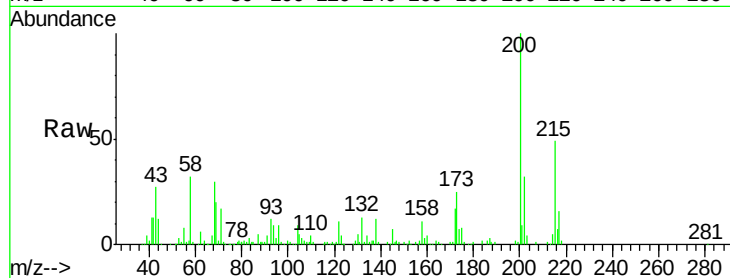
Tot Ion:200 Resp: 202411

Ion Ratio Lower Upper

200 100

173 25.2 18.2 27.2

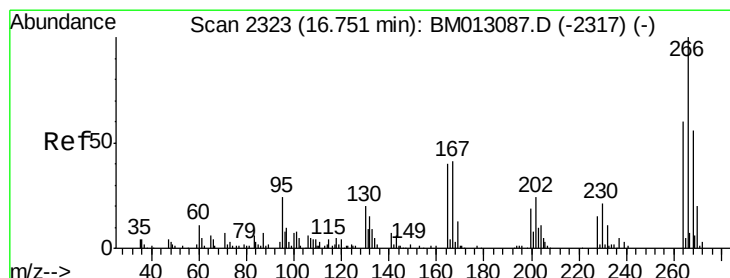
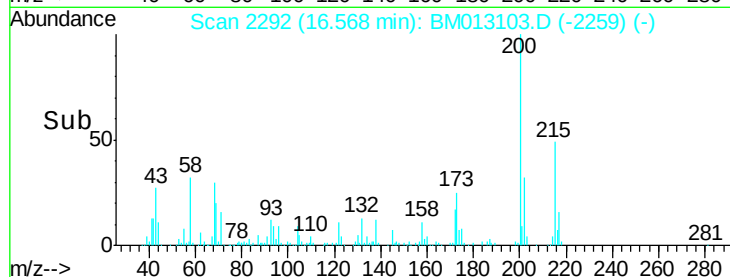
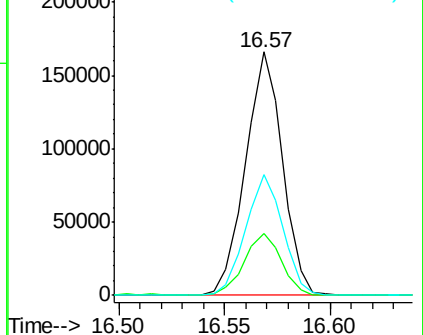
215 49.4 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 18.71 ng/ul

RT: 16.74 min Scan# 2322

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

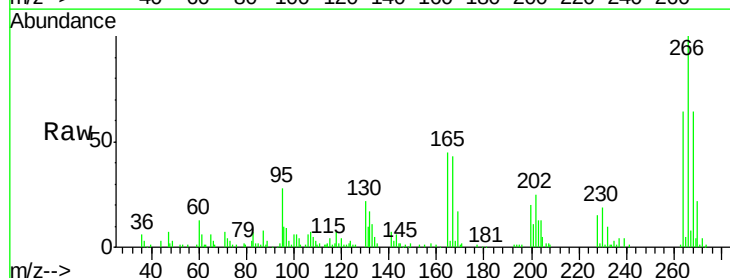
Tgt Ion:266 Resp: 113607

Ion Ratio Lower Upper

266 100

264 63.5 49.3 73.9

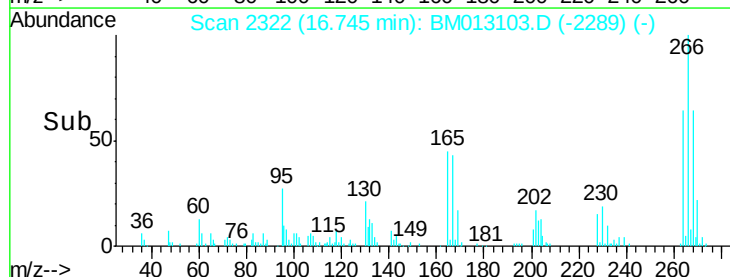
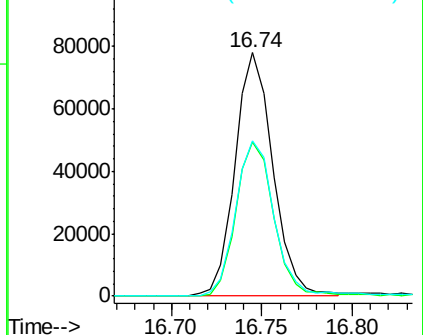
268 63.7 52.6 78.8

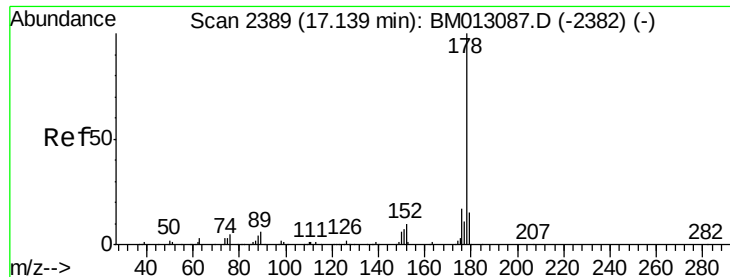


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.09 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

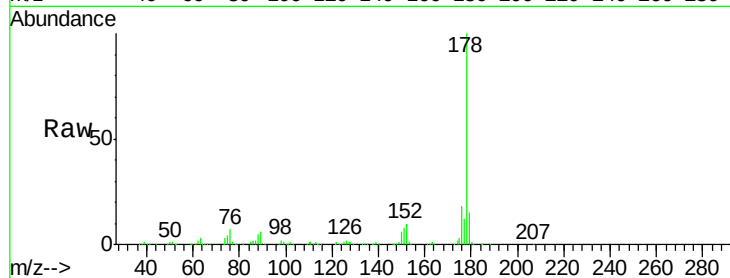
Tot Ion:178 Resp: 967077

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

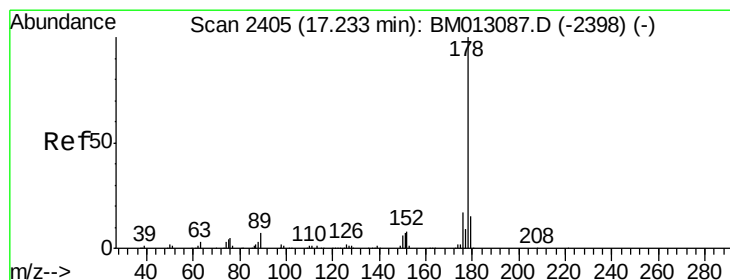
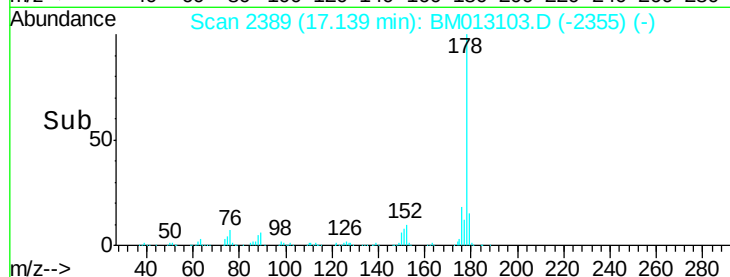
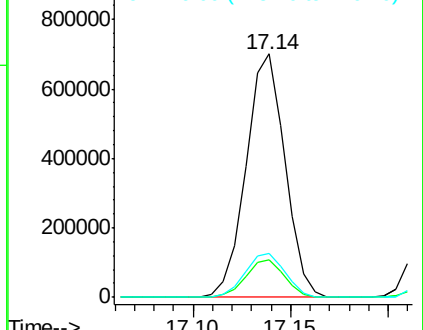
176 18.0 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 18.98 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

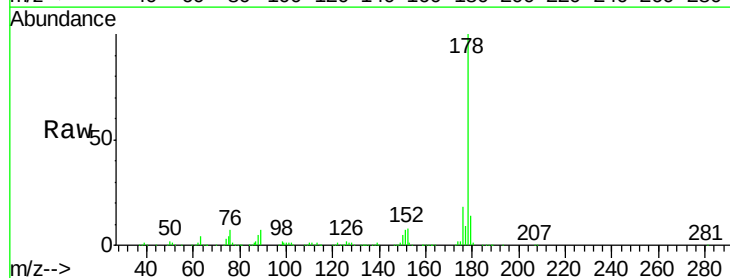
Tgt Ion:178 Resp: 997875

Ion Ratio Lower Upper

178 100

179 14.4 11.7 17.5

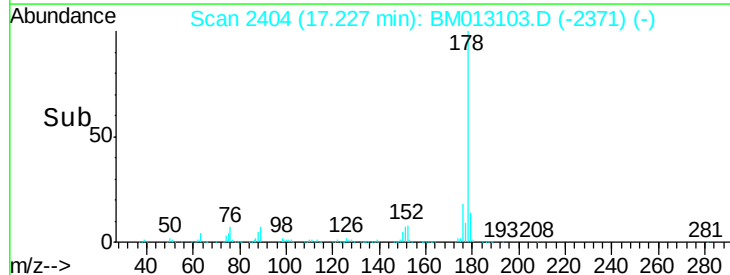
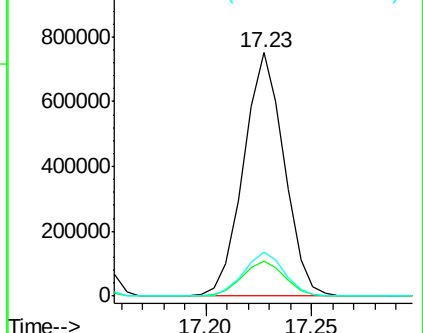
176 18.2 14.6 21.8

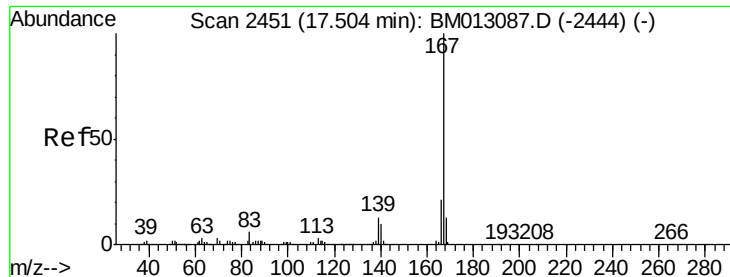


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 17.96 ng/ul

RT: 17.50 min Scan# 2450

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

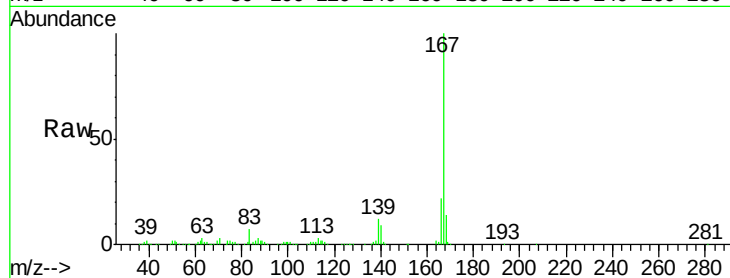
Tot Ion:167 Resp: 816301

Ion Ratio Lower Upper

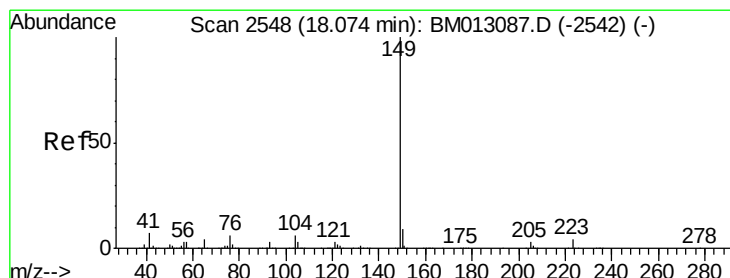
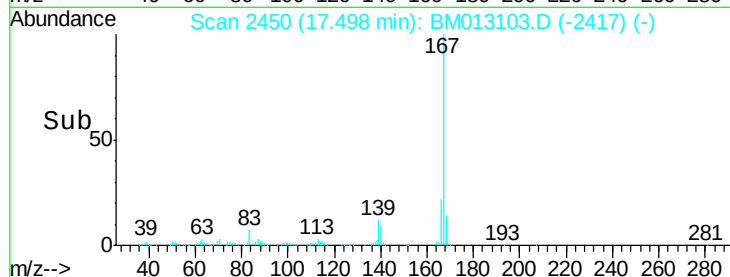
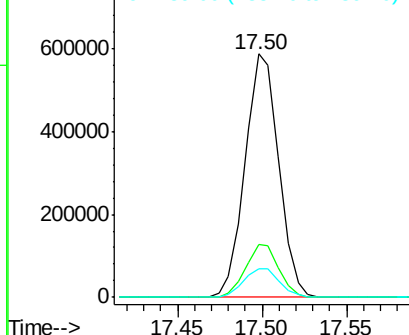
167 100

166 21.5 17.1 25.7

139 11.9 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 16.87 ng/ul

RT: 18.07 min Scan# 2548

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

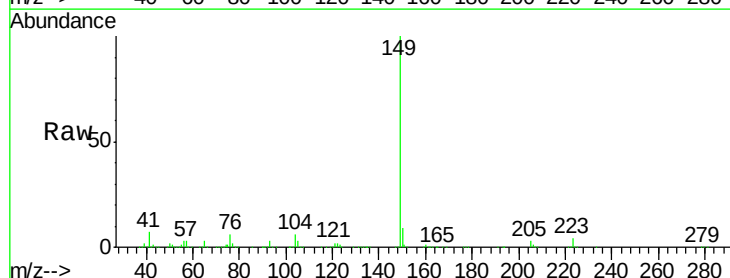
Tgt Ion:149 Resp: 977199

Ion Ratio Lower Upper

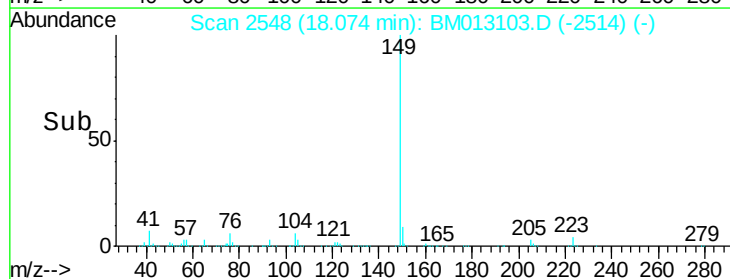
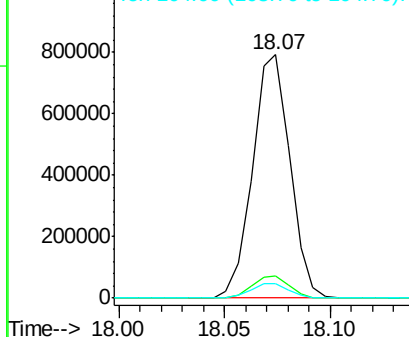
149 100

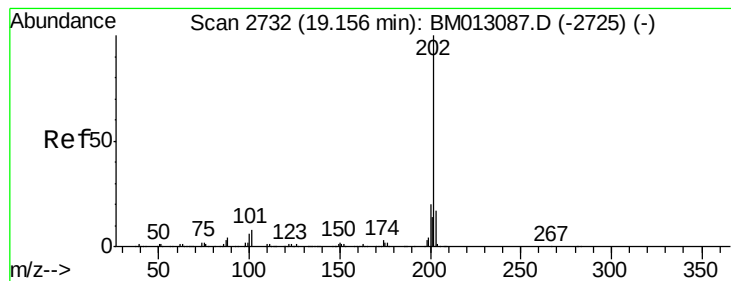
150 9.3 7.1 10.7

104 5.8 5.6 8.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 17.85 ng/ul

RT: 19.16 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

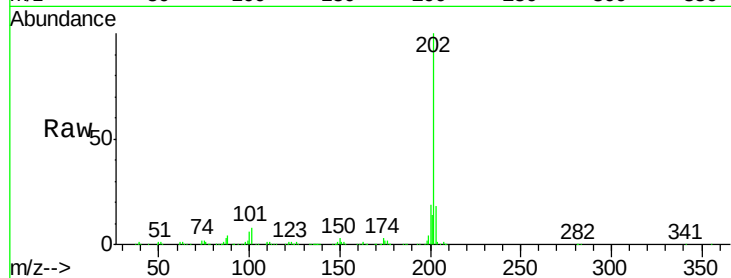
Tot Ion:202 Resp: 1093138

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

100 5.9 3.4 5.2#



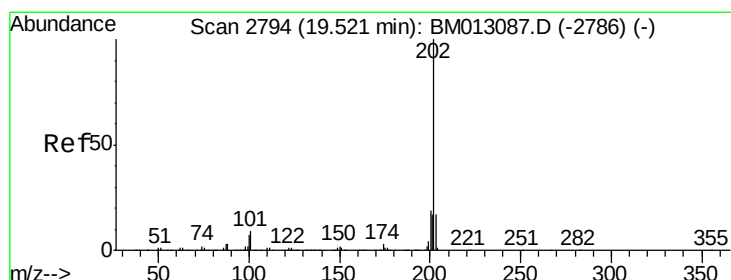
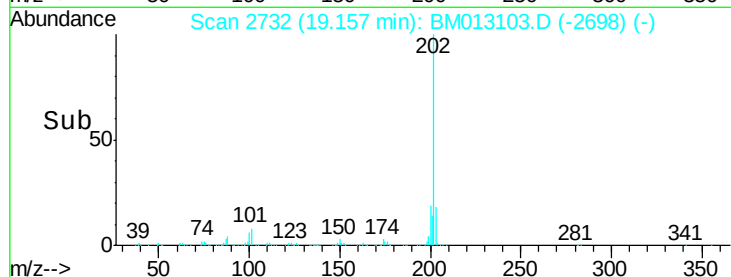
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.16

Time-->



#77

Pyrene

Concen: 20.07 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

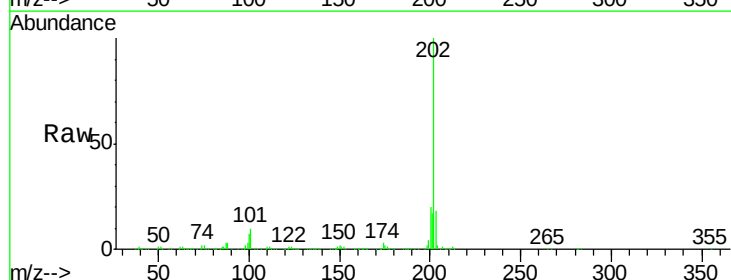
Tgt Ion:202 Resp: 1128433

Ion Ratio Lower Upper

202 100

101 10.0 5.1 7.7#

100 7.3 4.9 7.3#



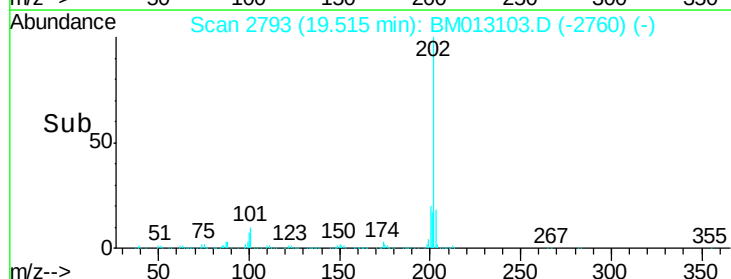
Abundance Ion 202.00 (201.70 to 202.70): E

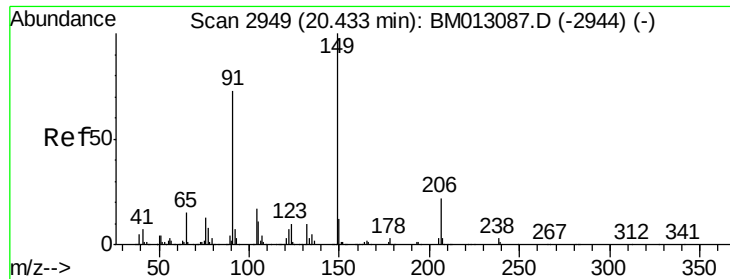
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

19.52

Time-->

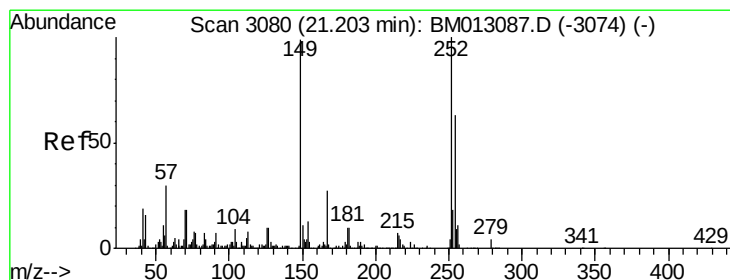
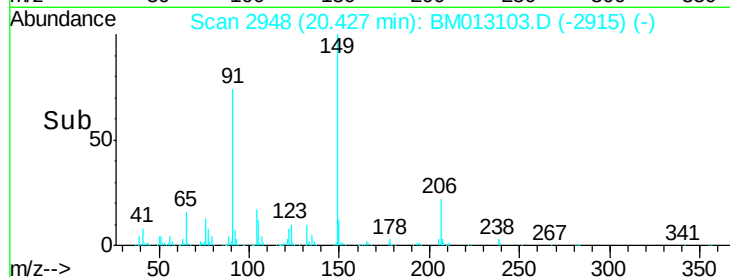
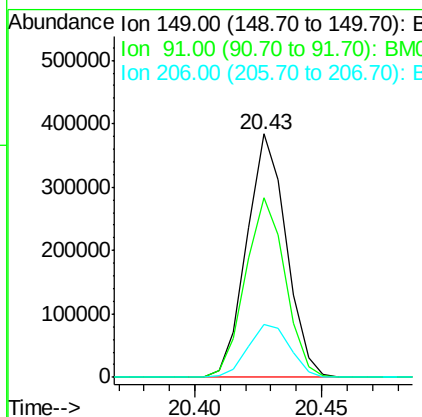
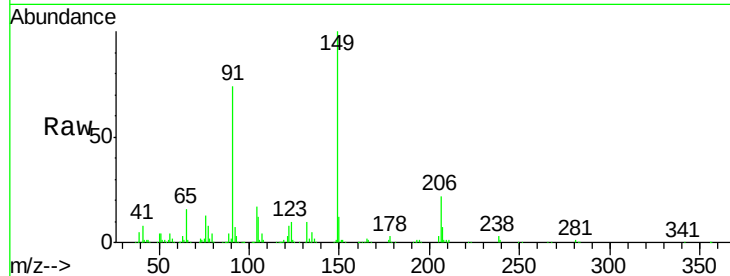




#78
Butylbenzylphthalate
Concen: 17.79 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. -0.01 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

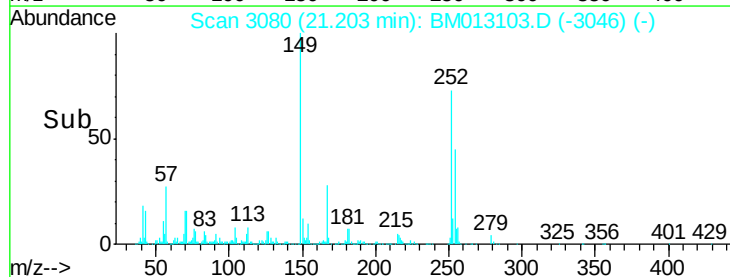
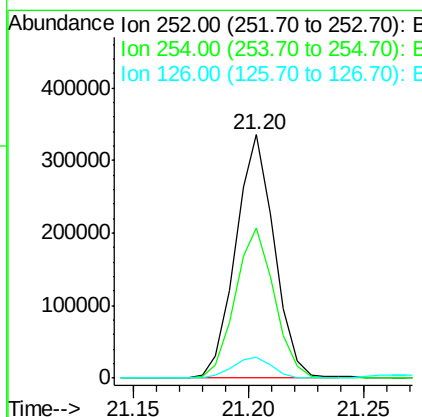
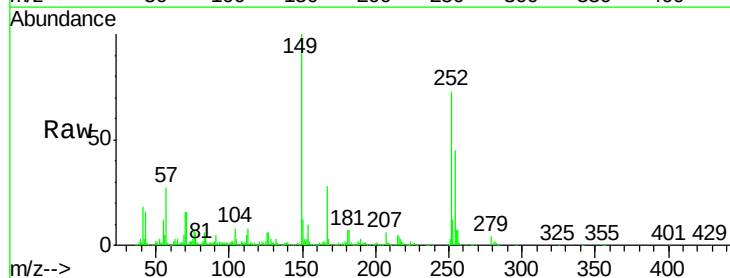
Instrument :
BNA_M
ClientSampled :

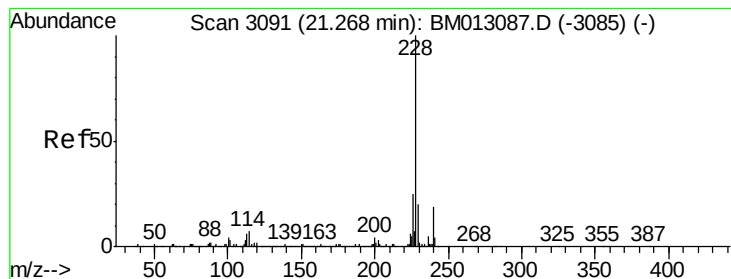
Tot Ion:149 Resp: 415797
Ion Ratio Lower Upper
149 100
91 73.5 62.7 94.1
206 21.5 20.8 31.2



#79
3,3'-Dichlorobenzidine
Concen: 21.01 ng/ul
RT: 21.20 min Scan# 3080
Delta R.T. 0.00 min
Lab File: BM013103.D
Acq: 23 Nov 2017 02:15

Tgt Ion:252 Resp: 389987
Ion Ratio Lower Upper
252 100
254 61.6 54.5 81.7
126 8.7 5.8 8.8





#80

Benzo(a)anthracene

Concen: 18.85 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

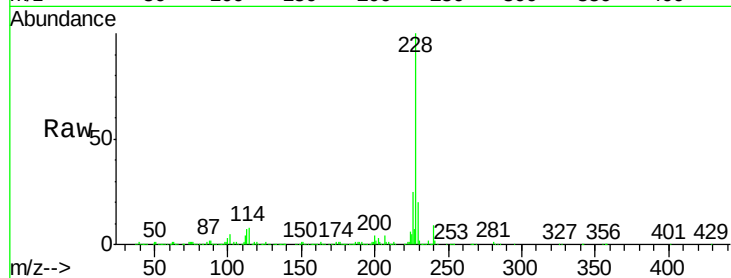
Tot Ion:228 Resp: 1089264

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.4	23.0
226	25.2	21.4	32.0

228 100

229 19.6 15.4 23.0

226 25.2 21.4 32.0

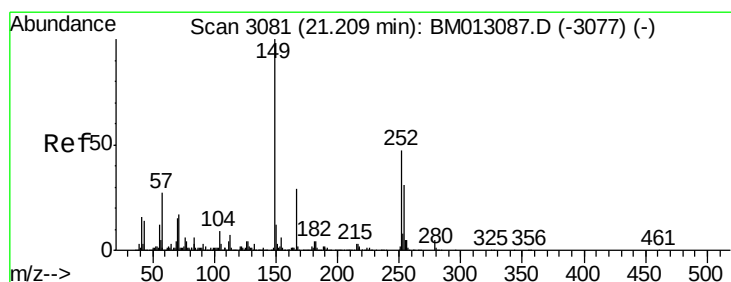
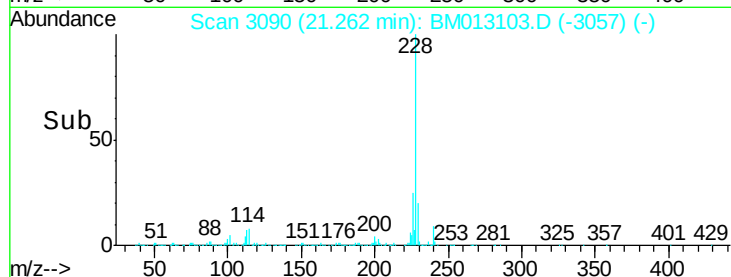
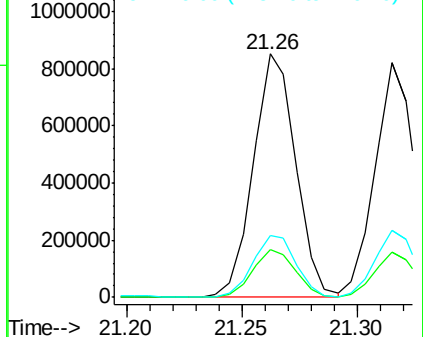


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 17.64 ng/ul

RT: 21.21 min Scan# 3081

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

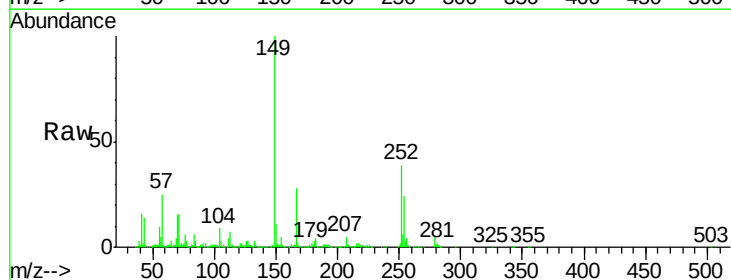
Tgt Ion:149 Resp: 607524

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.8	34.2
279	5.2	4.9	7.3

149 100

167 28.0 22.8 34.2

279 5.2 4.9 7.3

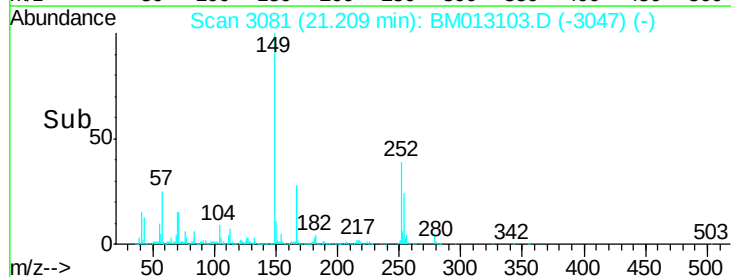
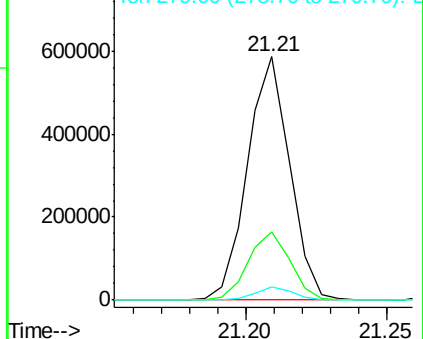


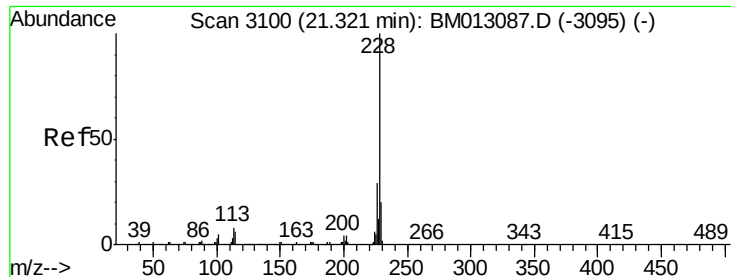
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 18.31 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

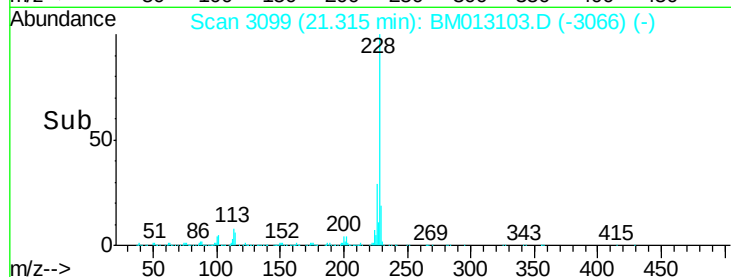
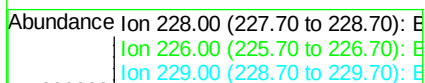
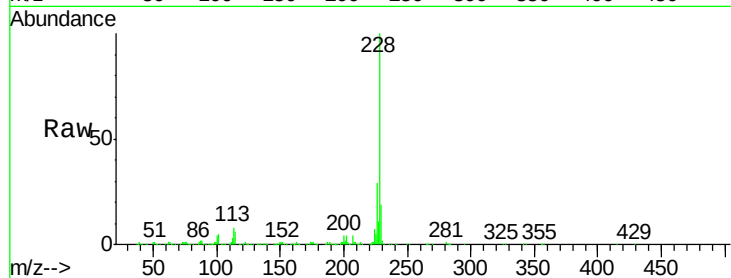
Instrument :

BNA_M

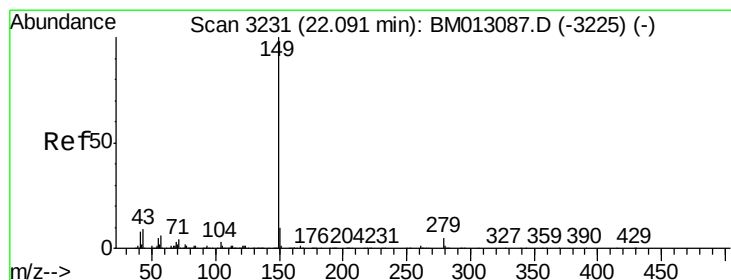
ClientSampled :

Tot Ion:228 Resp: 981456

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	19.3	15.5	23.3



Time-->



#84

Di-n-octyl phthalate

Concen: 16.91 ng/ul

RT: 22.09 min Scan# 3230

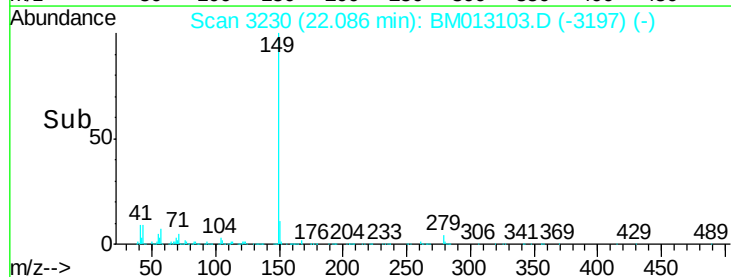
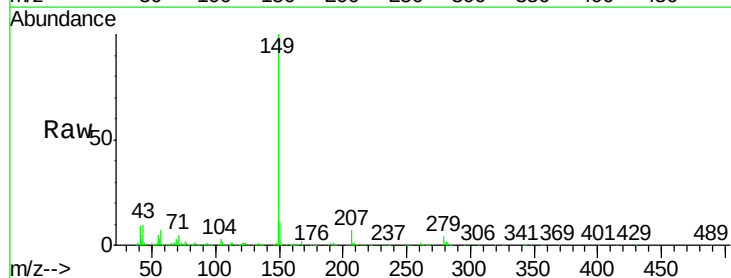
Delta R.T. -0.01 min

Lab File: BM013103.D

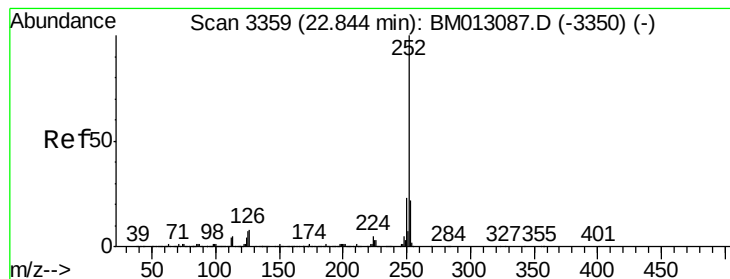
Acq: 23 Nov 2017 02:15

Tgt Ion:149 Resp: 985871

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	9.6	7.3	10.9



Time-->



#85

Benzo(b)fluoranthene

Concen: 18.88 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

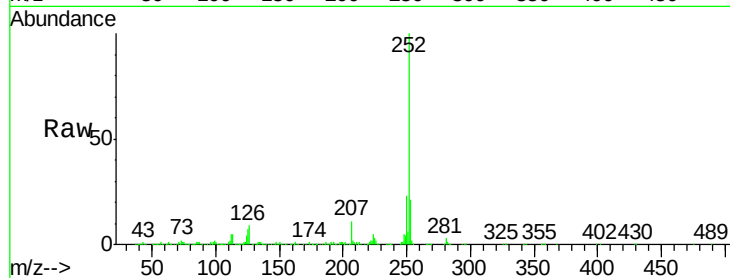
Tot Ion:252 Resp: 1079501

Ion Ratio Lower Upper

252 100

253 20.7 17.9 26.9

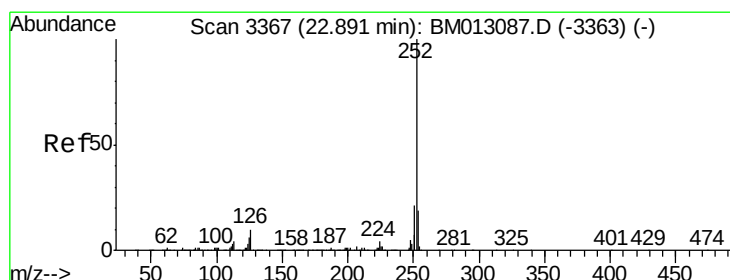
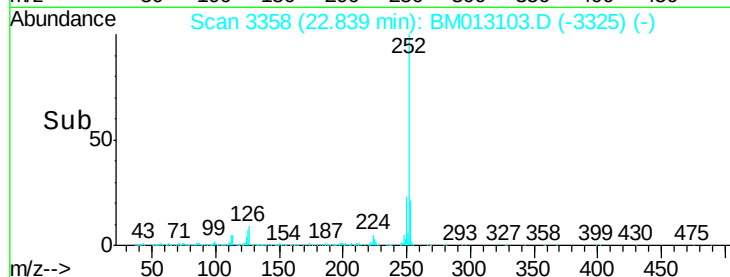
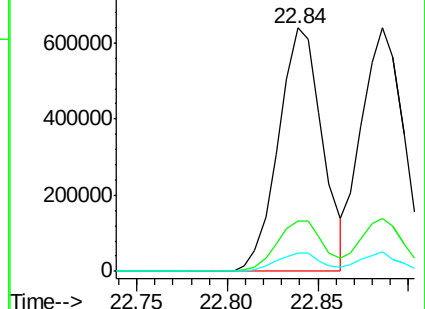
125 7.5 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 19.57 ng/ul

RT: 22.89 min Scan# 3366

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

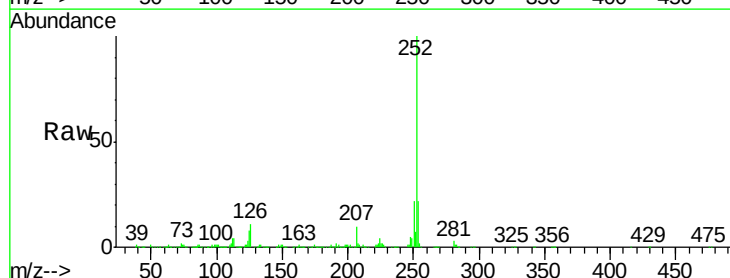
Tgt Ion:252 Resp: 1030568

Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

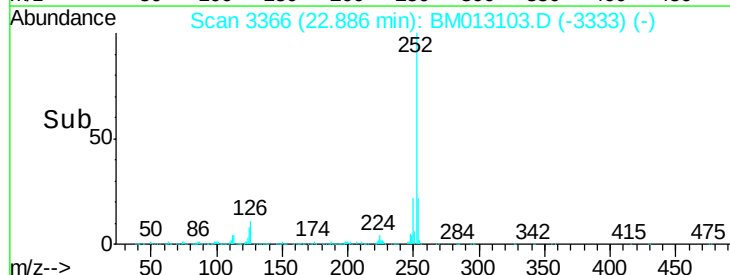
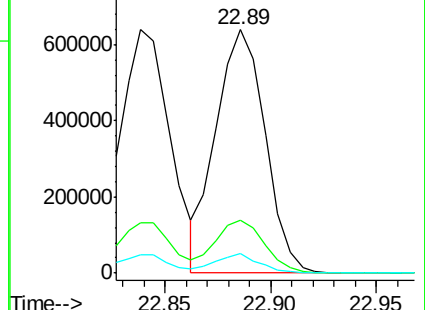
125 7.8 3.4 5.2#

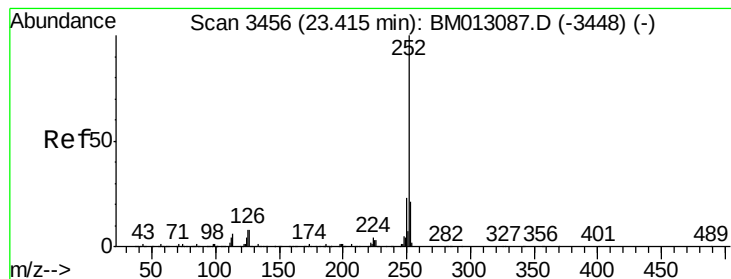


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.39 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampleId :

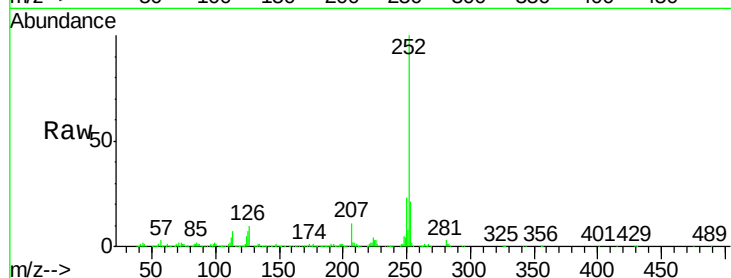
Tot Ion:252 Resp: 1032774

Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.2	27.2
125	7.3	4.0	6.0

252 100

253 20.8 18.2 27.2

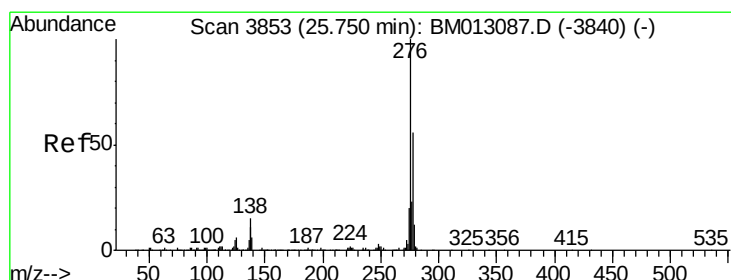
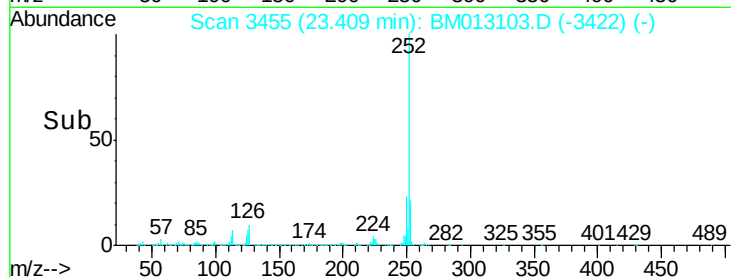
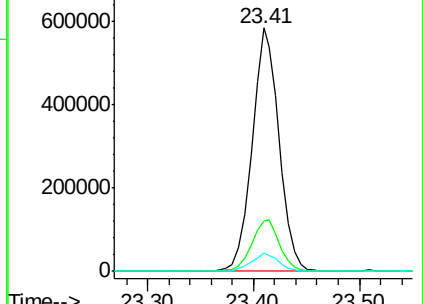
125 7.3 4.0 6.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 19.36 ng/ul

RT: 25.75 min Scan# 3853

Delta R.T. 0.00 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

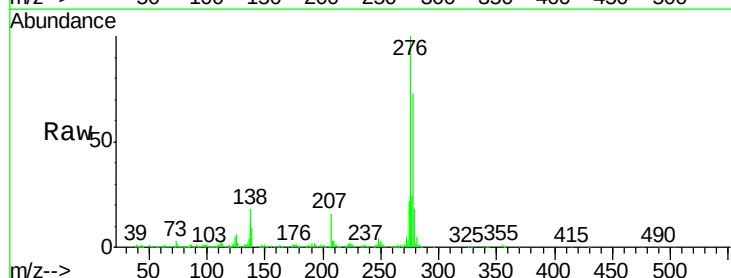
Tgt Ion:276 Resp: 1204342

Ion	Ratio	Lower	Upper
276	100		
138	18.0	9.3	13.9
277	24.0	19.9	29.9

276 100

138 18.0 9.3 13.9

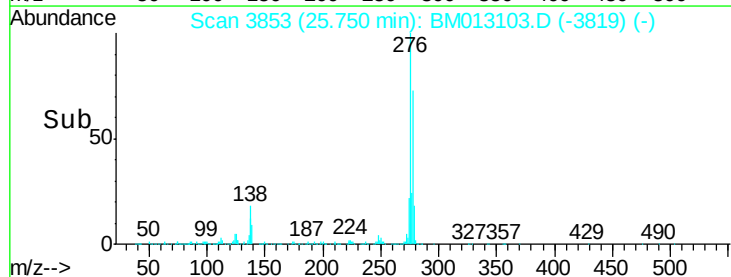
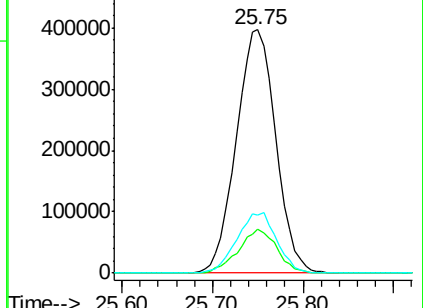
277 24.0 19.9 29.9

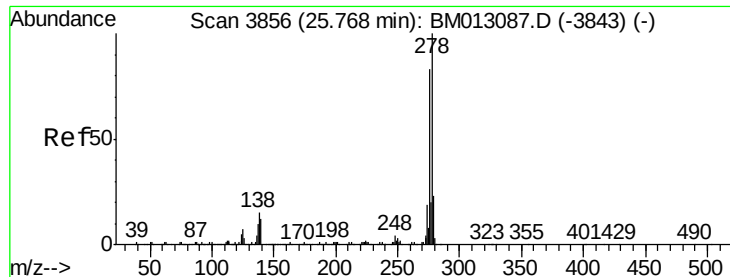


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.32 ng/ul

RT: 25.76 min Scan# 3855

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

Instrument :

BNA_M

ClientSampled :

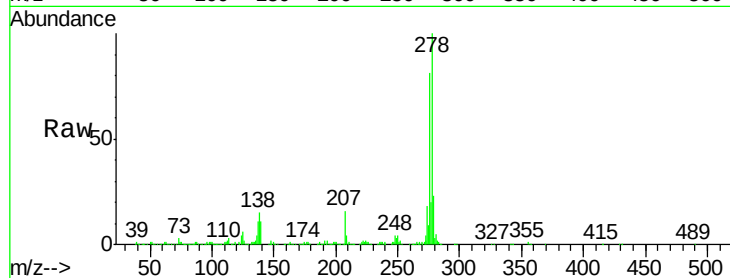
Tot Ion:278 Resp: 1018217

Ion Ratio Lower Upper

278 100

139 11.4 5.8 8.8#

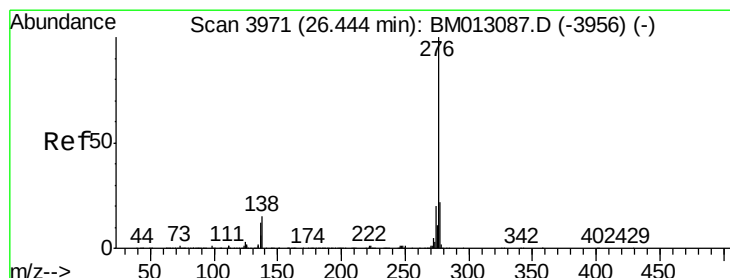
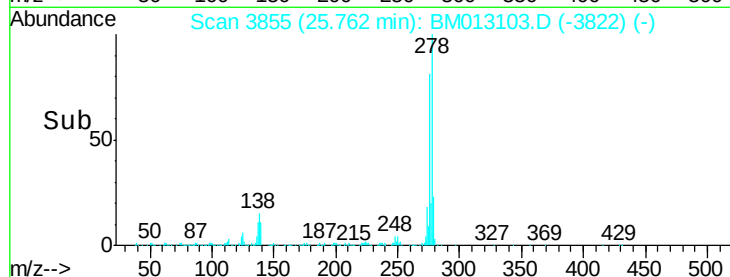
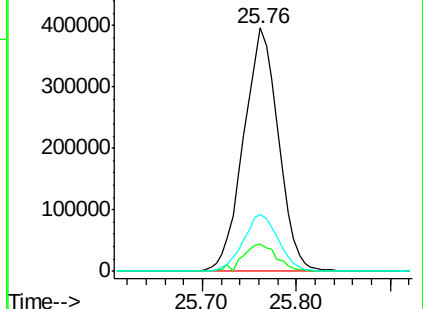
279 23.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 19.09 ng/ul

RT: 26.43 min Scan# 3969

Delta R.T. -0.01 min

Lab File: BM013103.D

Acq: 23 Nov 2017 02:15

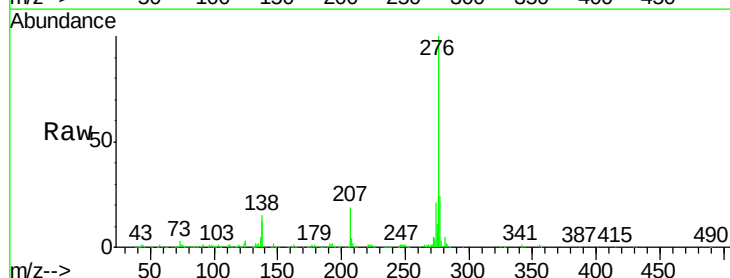
Tgt Ion:276 Resp: 986730

Ion Ratio Lower Upper

276 100

138 14.9 8.5 12.7#

277 23.5 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

