

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050118\
 Data File : BM014907.D
 Acq On : 02 May 2018 04:18
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 02 06:44:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 04:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	376812	20.00	ng/ul	0.00
18) Naphthalene-d8	11.34	136	1622977	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	845151	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1718069	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1554168	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	1500997	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.64	96	69483	8.05	ng/uL	0.00
5) Phenol-d5	7.62	99	646243	22.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	436707	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	523357	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	514234	22.14	ng/ul	0.00
19) Nitrobenzene-d5	9.68	128	240333	20.48	ng/ul	0.00
22) 2-Nitrophenol-d4	10.40	143	242303	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	475919	20.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.46	131	643875	27.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.49	166	1336160	20.25	ng/ul	0.00
46) Acenaphthylene-d8	14.80	160	1677189	20.59	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	232361	18.98	ng/ul	0.00
57) Fluorene-d10	16.08	176	1133719	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	169716	18.26	ng/ul	0.00
70) Anthracene-d10	17.91	188	1609465	20.10	ng/ul	0.00
76) Pyrene-d10	20.15	212	1590810	21.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	1474971	20.00	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.68	88	75816	8.349	ng/uL# 84
4) Benzaldehyde	7.61	77	416069	27.153	ng/ul 91
6) Phenol	7.65	94	645381	22.518	ng/ul# 82
8) Bis(2-Chloroethyl)ether	7.89	93	514022	22.429	ng/ul# 86
10) 2-Chlorophenol	8.05	128	515930	21.499	ng/ul 93
11) 2-Methylphenol	8.93	108	462199	21.940	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	9.02	45	1034496	24.417	ng/ul 96
14) Acetophenone	9.33	105	777670	22.845	ng/ul 87
15) N-Nitroso-di-n-propylamine	9.30	70	413572	23.412	ng/ul# 84
16) 4-Methylphenol	9.26	108	504706	22.264	ng/ul 92
17) Hexachloroethane	9.60	117	208733	21.264	ng/ul# 63
20) Nitrobenzene	9.72	77	606195	21.626	ng/ul 93
21) Isophorone	10.25	82	1033932	21.568	ng/ul# 93
23) 2-Nitrophenol	10.44	139	265753	20.935	ng/ul# 78
24) 2,4-Dimethylphenol	10.48	107	567832	21.172	ng/ul# 85
25) Bis(2-Chloroethoxy)methane	10.72	93	676131	20.981	ng/ul 96
27) 2,4-Dichlorophenol	10.97	162	454483	20.048	ng/ul# 89
28) Naphthalene	11.39	128	1595981	20.180	ng/ul 100
30) 4-Chloroaniline	11.49	127	618928	27.207	ng/ul 94
31) Hexachlorobutadiene	11.66	225	269217	18.456	ng/ul 94
32) Caprolactam	12.25	113	130813	20.028	ng/ul# 72
33) 4-Chloro-3-methylphenol	12.57	107	490559	21.394	ng/ul 98
34) 2-Methylnaphthalene	12.96	142	1094631	19.931	ng/ul 97

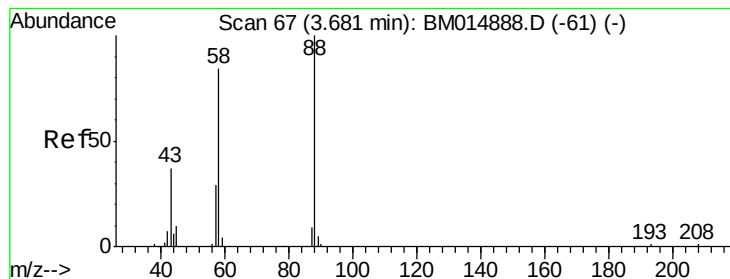
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.32	216	500182	18.879	ng/ul#	95
37) Hexachlorocyclopentadiene	13.29	237	293281	16.068	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	329085	20.110	ng/ul	98
39) 2,4,5-Trichlorophenol	13.62	196	347984	19.909	ng/ul	98
40) 1,1'-Biphenyl	13.95	154	1388470	20.430	ng/ul#	98
41) 2-Chloronaphthalene	13.99	162	1066502	20.208	ng/ul	96
42) 2-Nitroaniline	14.19	65	324356	23.224	ng/ul	98
44) Dimethylphthalate	14.54	163	1280110	20.072	ng/ul	99
45) 2,6-Dinitrotoluene	14.66	165	247672	21.174	ng/ul#	95
47) Acenaphthylene	14.83	152	1636327	20.732	ng/ul	100
48) 3-Nitroaniline	15.00	138	257204	22.346	ng/ul	88
49) Acenaphthene	15.16	153	1139759	20.320	ng/ul	100
50) 2,4-Dinitrophenol	15.19	184	100614	15.492	ng/ul#	83
52) 4-Nitrophenol	15.27	109	184174	20.872	ng/ul#	87
53) Dibenzofuran	15.49	168	1560644	20.037	ng/ul	98
54) 2,4-Dinitrotoluene	15.44	165	354175	20.551	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.70	232	284225	19.165	ng/ul#	75
56) Diethylphthalate	15.88	149	1292863	20.139	ng/ul	93
58) Fluorene	16.13	166	1240268	19.720	ng/ul	98
59) 4-Chlorophenyl-phenylether	16.12	204	598480	19.011	ng/ul	91
60) 4-Nitroaniline	16.14	138	260902	19.430	ng/ul#	82
63) 4,6-Dinitro-2-methylphenol	16.19	198	176626	18.284	ng/ul	99
64) N-Nitrosodiphenylamine	16.32	169	1045304	20.980	ng/ul	99
65) 4-Bromophenyl-phenylether	17.00	248	363628	20.039	ng/ul#	90
66) Hexachlorobenzene	17.12	284	424814	20.151	ng/ul#	88
67) Atrazine	17.24	200	345610	21.723	ng/ul#	94
68) Pentachlorophenol	17.46	266	222618	18.567	ng/ul	98
69) Phenanthrene	17.86	178	1854839	20.103	ng/ul	99
71) Anthracene	17.94	178	1890190	20.186	ng/ul	99
72) Carbazole	18.20	167	1626424	20.360	ng/ul	98
73) Di-n-butylphthalate	18.73	149	2045352	21.056	ng/ul#	98
74) Fluoranthene	19.82	202	1935418	19.240	ng/ul#	80
77) Pyrene	20.18	202	1973336	21.731	ng/ul#	78
78) Butylbenzylphthalate	21.02	149	850081	22.946	ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.80	252	620181	20.916	ng/ul#	95
80) Benzo(a)anthracene	21.89	228	1838939	20.234	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.77	149	1203148	22.126	ng/ul#	95
82) Chrysene	21.94	228	1705816	20.049	ng/ul	99
84) Di-n-octyl phthalate	22.72	149	1907142	22.091	ng/ul#	90
85) Benzo(b)fluoranthene	23.62	252	1751428	19.794	ng/ul#	96
86) Benzo(k)fluoranthene	23.67	252	1725817	20.283	ng/ul#	95
88) Benzo(a)pyrene	24.27	252	1654230	19.709	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.94	276	1965450	19.357	ng/ul#	86
90) Dibenzo(a,h)anthracene	26.96	278	1664383	19.468	ng/ul#	93
91) Benzo(g,h,i)perylene	27.74	276	1592962	19.070	ng/ul#	90

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



#2

1,4-Dioxane

Concen: 8.349 ng/uL

RT: 3.68 min Scan# 67

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

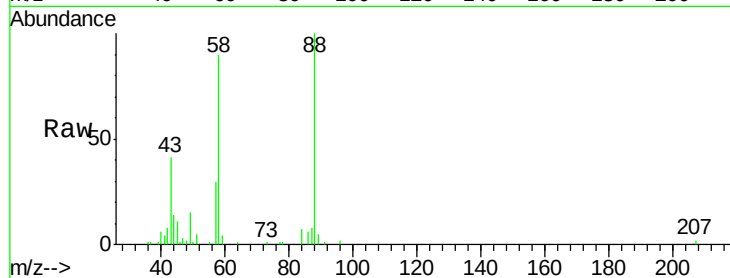
Tot Ion: 88 Resp: 75816

Ion Ratio Lower Upper

88 100

43 40.3 48.0 72.0#

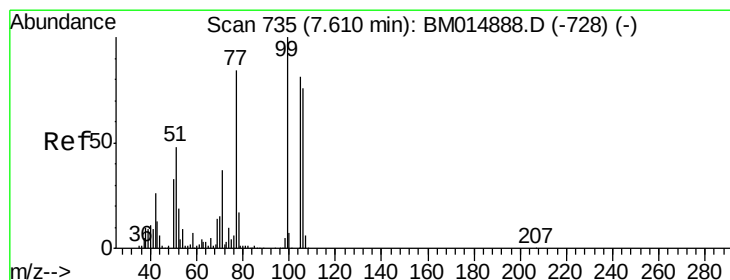
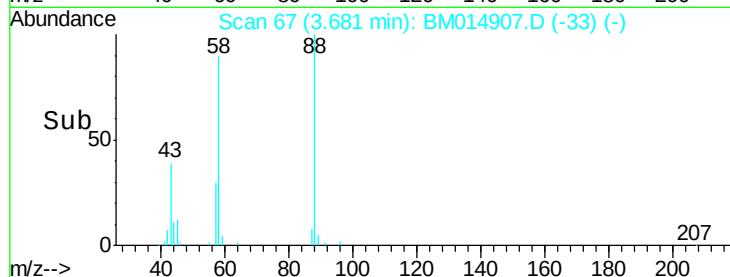
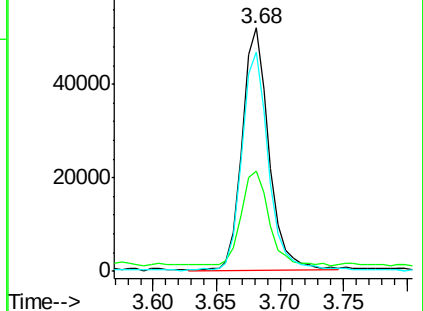
58 89.6 80.0 120.0



Abundance Ion 88.00 (87.70 to 88.70): BM014888.D (-61) (-)

Ion 43.00 (42.70 to 43.70): BM014888.D (-61) (-)

Ion 58.00 (57.70 to 58.70): BM014888.D (-61) (-)



#4

Benzaldehyde

Concen: 27.153 ng/uL

RT: 7.61 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

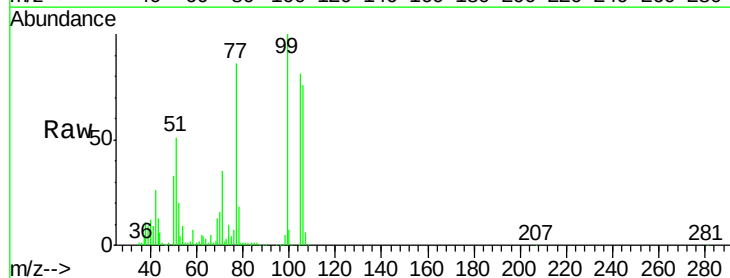
Tgt Ion: 77 Resp: 416069

Ion Ratio Lower Upper

77 100

105 94.8 66.1 99.1

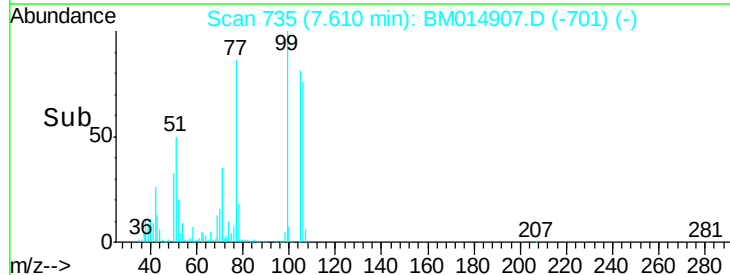
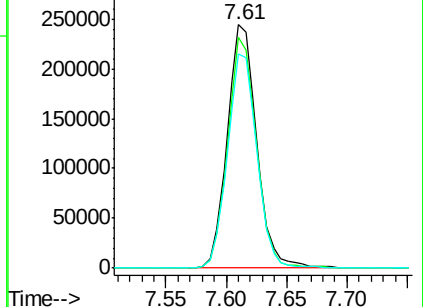
106 88.0 67.8 101.6

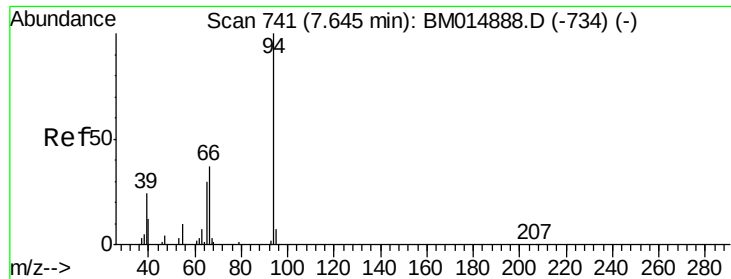


Abundance Ion 77.00 (76.70 to 77.70): BM014888.D (-728) (-)

Ion 105.00 (104.70 to 105.70): BM014888.D (-728) (-)

Ion 106.00 (105.70 to 106.70): BM014888.D (-728) (-)





#6

Phenol

Concen: 22.518 ng/ul

RT: 7.65 min Scan# 741

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

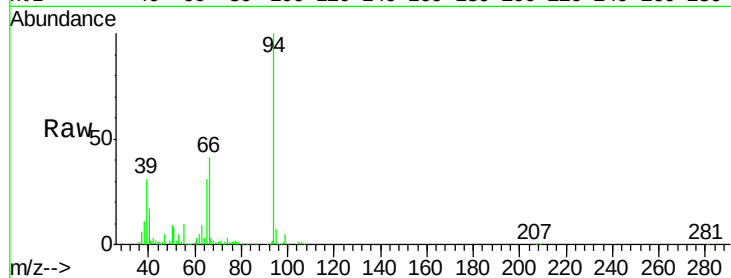
Tot Ion: 94 Resp: 645381

Ion Ratio Lower Upper

94 100

65 30.8 28.2 42.4

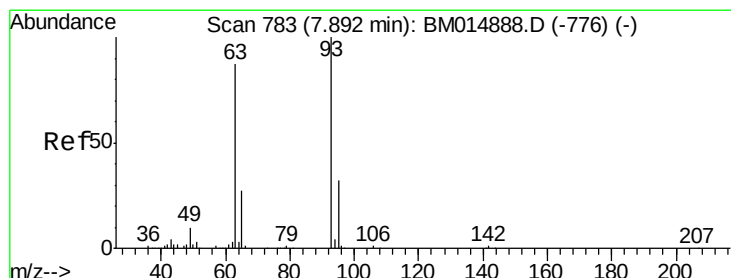
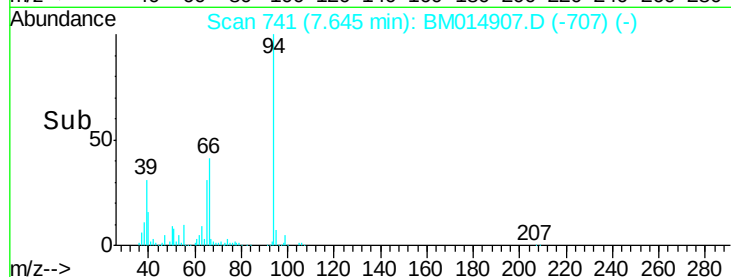
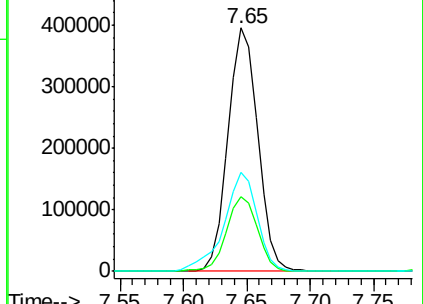
66 40.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014888.D (-734) (-)

Ion 65.00 (64.70 to 65.70): BM014888.D (-734) (-)

Ion 66.00 (65.70 to 66.70): BM014888.D (-734) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 22.429 ng/ul

RT: 7.89 min Scan# 783

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

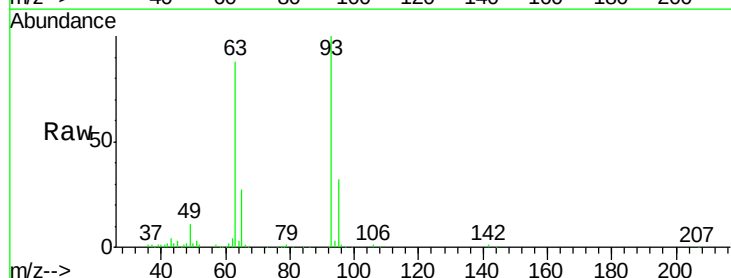
Tgt Ion: 93 Resp: 514022

Ion Ratio Lower Upper

93 100

63 87.9 57.3 85.9#

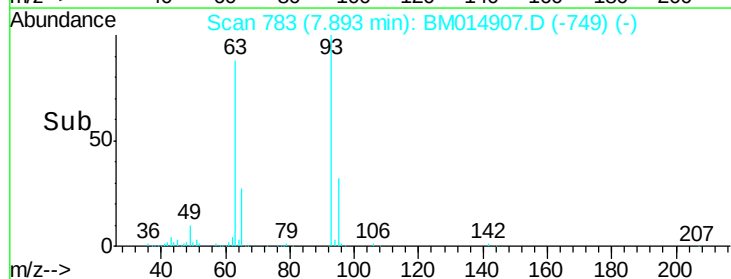
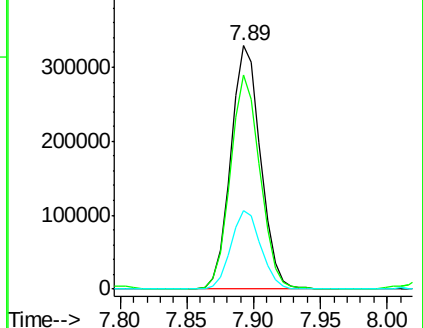
95 32.4 26.6 39.8

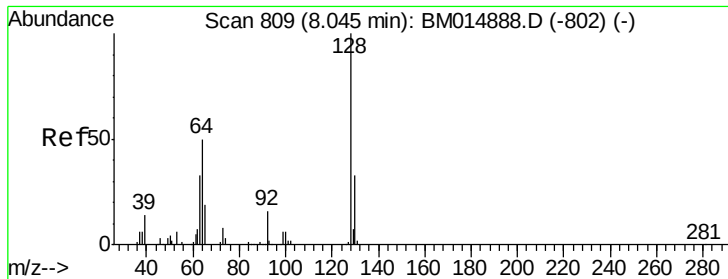


Abundance Ion 93.00 (92.70 to 93.70): BM014888.D (-776) (-)

Ion 63.00 (62.70 to 63.70): BM014888.D (-776) (-)

Ion 95.00 (94.70 to 95.70): BM014888.D (-776) (-)

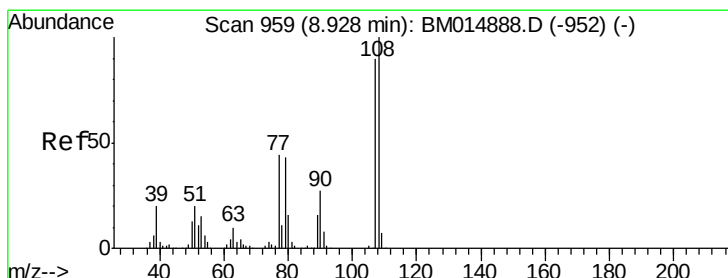
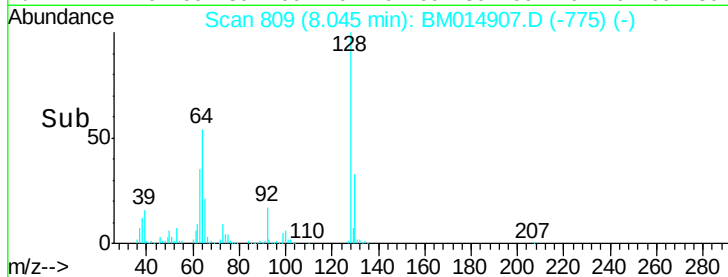
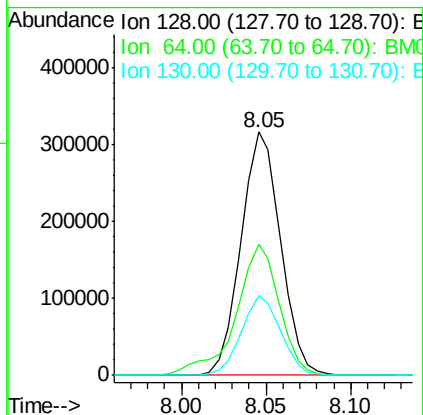
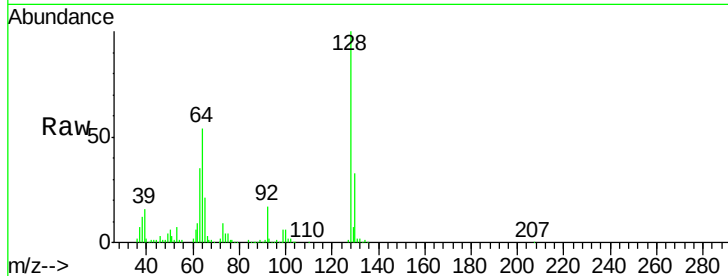




#10
2-Chlorophenol
Concen: 21.499 ng/ul
RT: 8.05 min Scan# 809
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

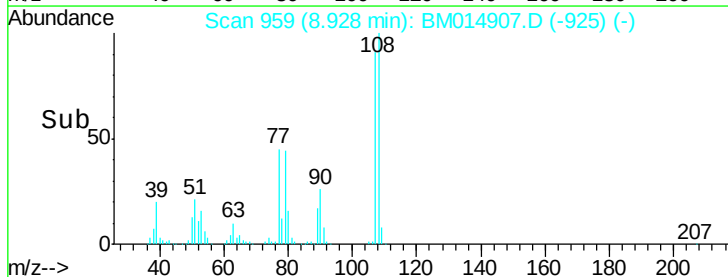
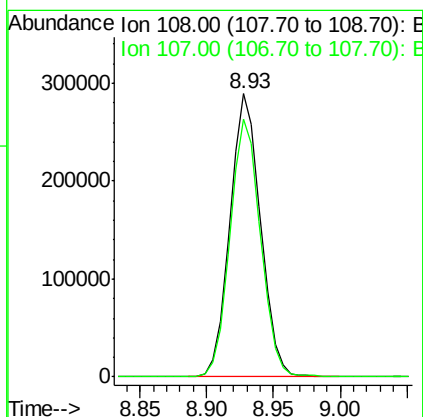
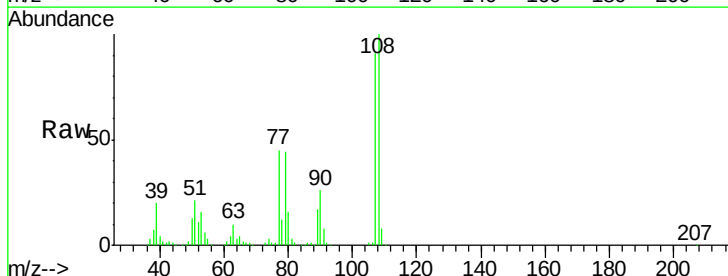
Instrument :
BNA_M
ClientSampleId :

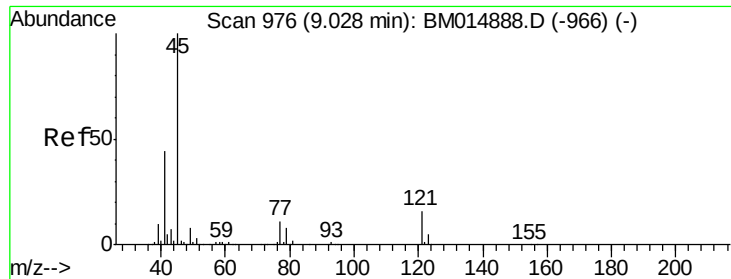
Tot Ion:128 Resp: 515930
Ion Ratio Lower Upper
128 100
64 53.8 38.0 57.0
130 32.8 24.4 36.6



#11
2-Methylphenol
Concen: 21.940 ng/ul
RT: 8.93 min Scan# 959
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion:108 Resp: 462199
Ion Ratio Lower Upper
108 100
107 91.0 72.6 108.8

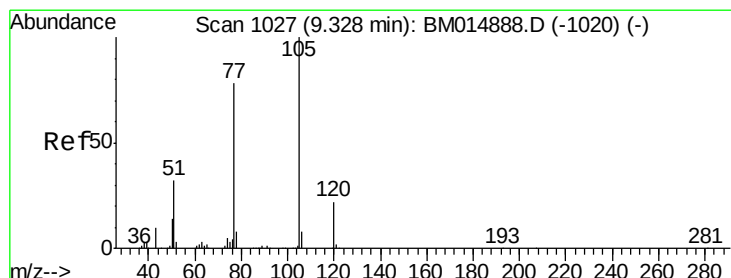
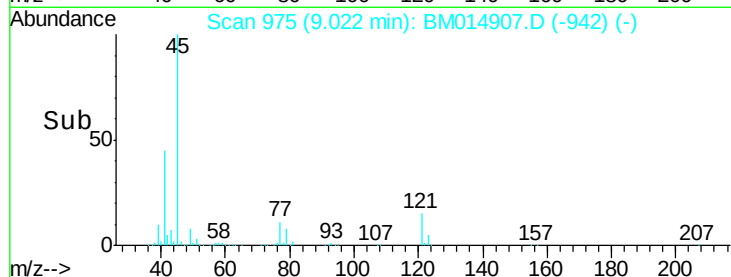
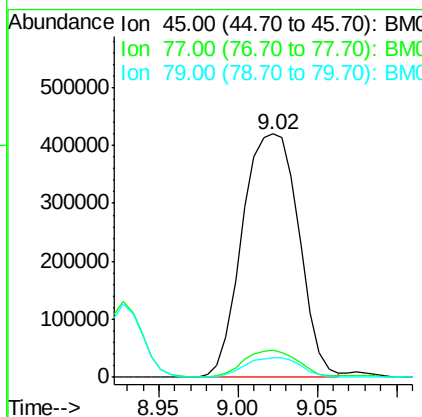
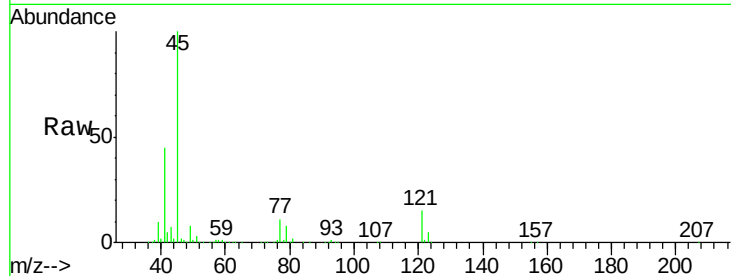




#12
 2,2'-oxybis(1-Chloropropane)
 Concen: 24.417 ng/ul
 RT: 9.02 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

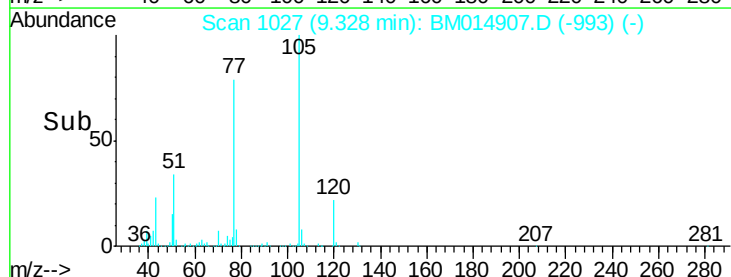
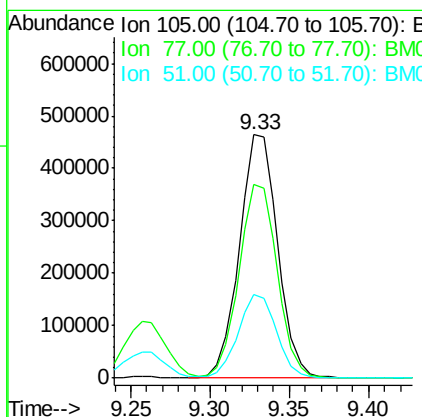
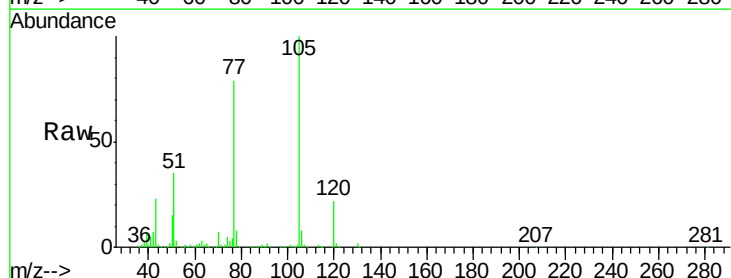
Instrument :
 BNA_M
 ClientSampled :

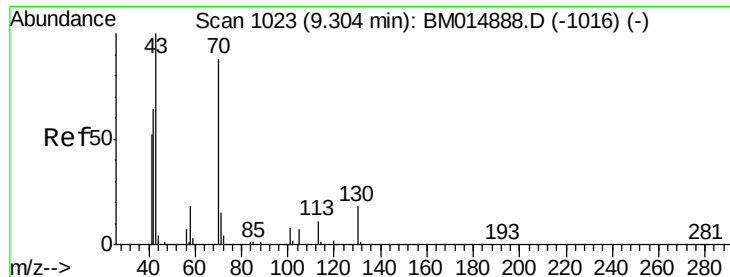
Tot Ion: 45 Resp: 1034496
 Ion Ratio Lower Upper
 45 100
 77 11.0 8.0 12.0
 79 8.1 8.0 12.0



#14
 Acetophenone
 Concen: 22.845 ng/ul
 RT: 9.33 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion: 105 Resp: 777670
 Ion Ratio Lower Upper
 105 100
 77 79.5 74.2 111.4
 51 34.5 23.4 35.2





#15

N-Nitroso-di-n-propylamine

Concen: 23.412 ng/ul

RT: 9.30 min Scan# 1023

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 413572

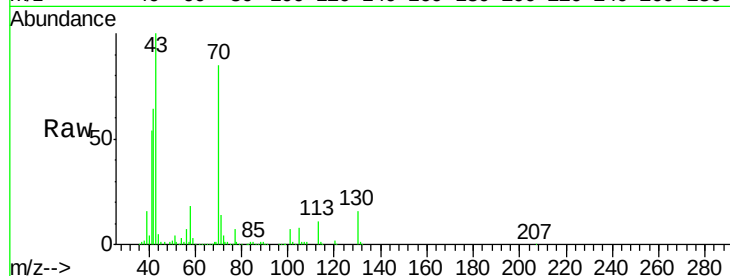
Ion Ratio Lower Upper

70 100

42 74.9 76.0 114.0#

101 8.6 6.7 10.1

130 19.0 14.6 22.0

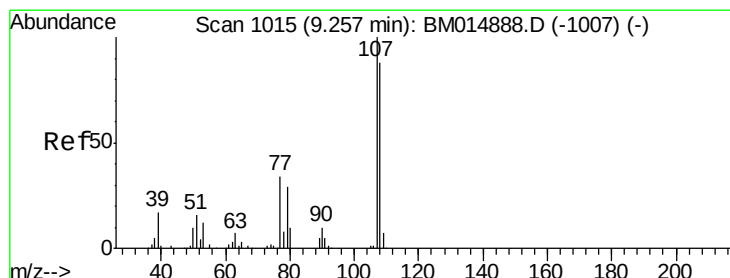
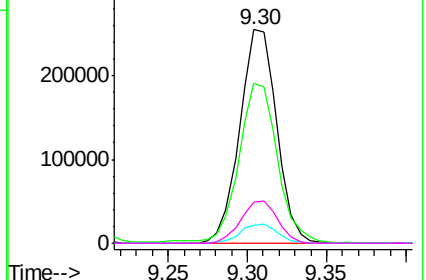
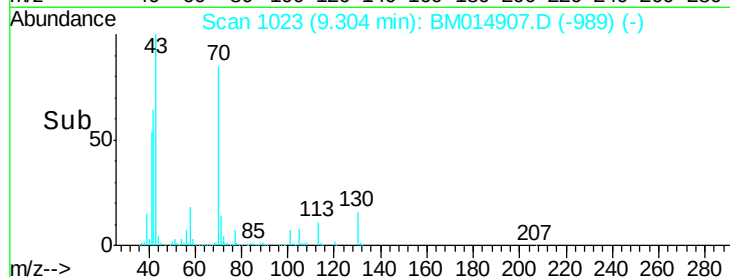


Abundance Ion 70.00 (69.70 to 70.70): BM014907.D (-989) (-)

Ion 42.00 (41.70 to 42.70): BM014907.D (-989) (-)

Ion 101.00 (100.70 to 101.70): BM014907.D (-989) (-)

Ion 130.00 (129.70 to 130.70): BM014907.D (-989) (-)



#16

4-Methylphenol

Concen: 22.264 ng/ul

RT: 9.26 min Scan# 1015

Delta R.T. 0.00 min

Lab File: BM014907.D

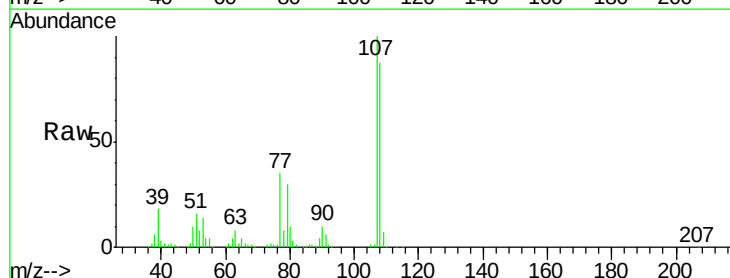
Acq: 02 May 2018 04:18

Tgt Ion: 108 Resp: 504706

Ion Ratio Lower Upper

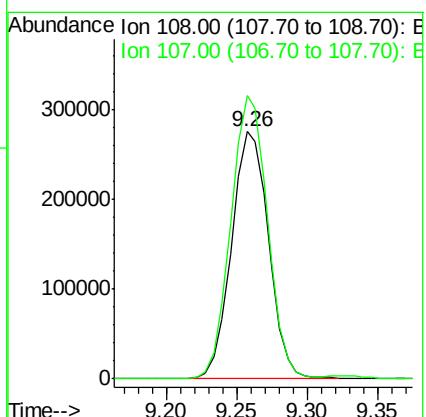
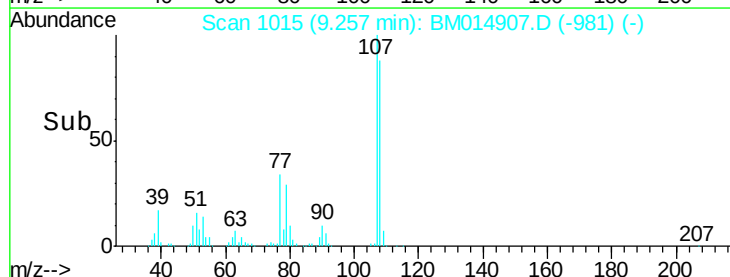
108 100

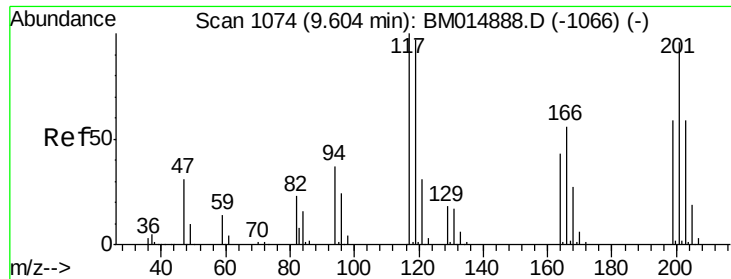
107 114.4 84.9 127.3



Abundance Ion 108.00 (107.70 to 108.70): BM014907.D (-981) (-)

Ion 107.00 (106.70 to 107.70): BM014907.D (-981) (-)

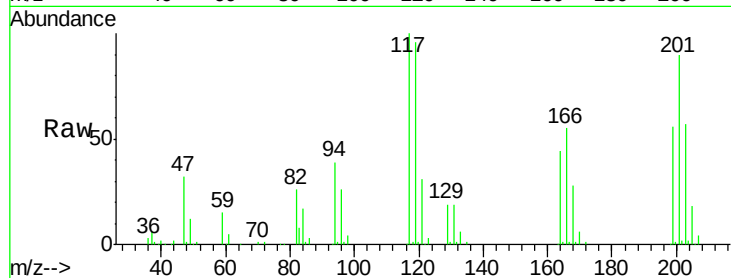




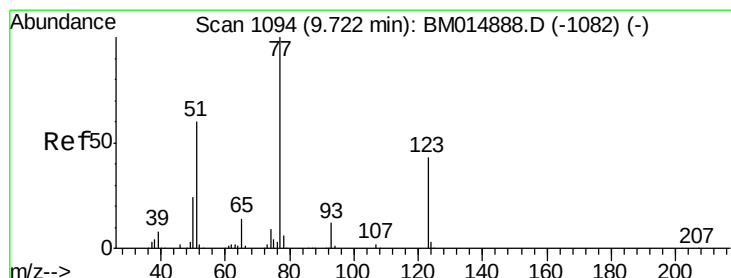
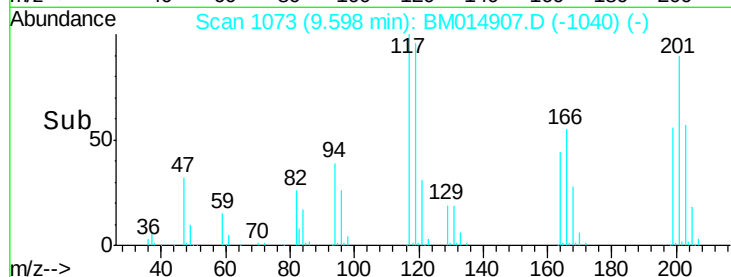
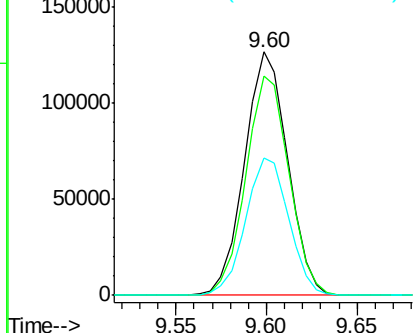
#17
Hexachloroethane
Concen: 21.264 ng/ul
RT: 9.60 min Scan# 1073
Delta R.T. -0.01 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:117 Resp: 208733
Ion Ratio Lower Upper
117 100
201 90.2 111.6 167.4#
199 56.2 67.8 101.6#

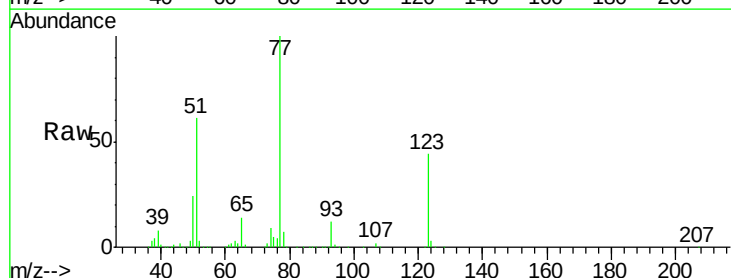


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

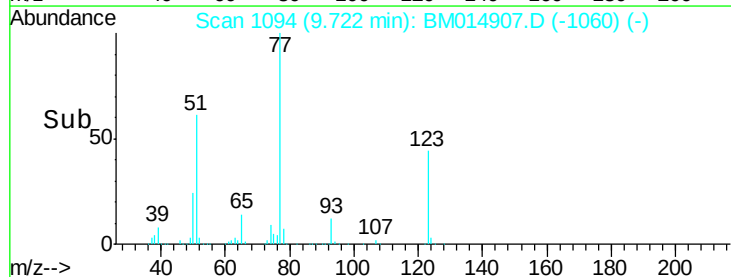
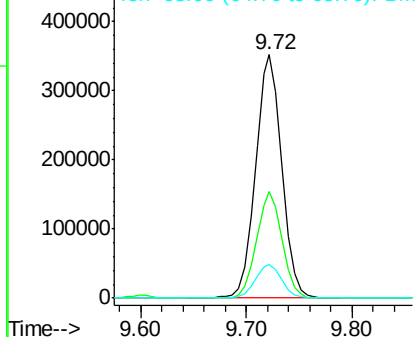


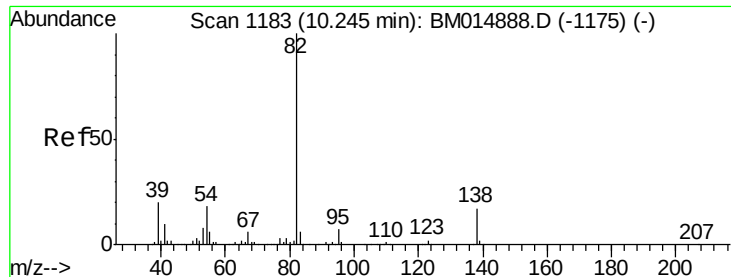
#20
Nitrobenzene
Concen: 21.626 ng/ul
RT: 9.72 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion: 77 Resp: 606195
Ion Ratio Lower Upper
77 100
123 43.7 31.0 46.6
65 13.9 12.2 18.2



Abundance Ion 77.00 (76.70 to 77.70): BM0
Ion 123.00 (122.70 to 123.70): E
Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 21.568 ng/ul

RT: 10.25 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

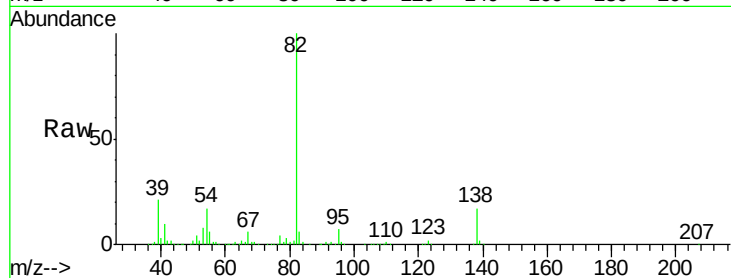
Tot Ion: 82 Resp: 1033932

Ion Ratio Lower Upper

82 100

95 7.2 7.8 11.8#

138 17.5 11.9 17.9

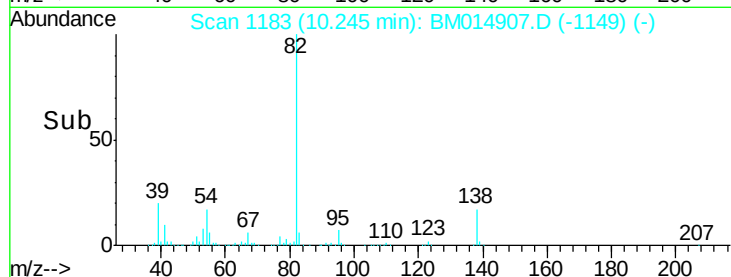


Abundance Ion 82.00 (81.70 to 82.70): BM014888.D (-1175) (-)

Ion 95.00 (94.70 to 95.70): BM014888.D (-1175) (-)

Ion 138.00 (137.70 to 138.70): BM014888.D (-1175) (-)

Time-->

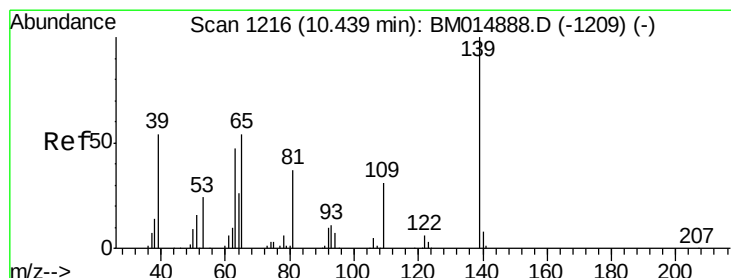


Abundance Ion 82.00 (81.70 to 82.70): BM014907.D (-1149) (-)

Ion 95.00 (94.70 to 95.70): BM014907.D (-1149) (-)

Ion 138.00 (137.70 to 138.70): BM014907.D (-1149) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.935 ng/ul

RT: 10.44 min Scan# 1216

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

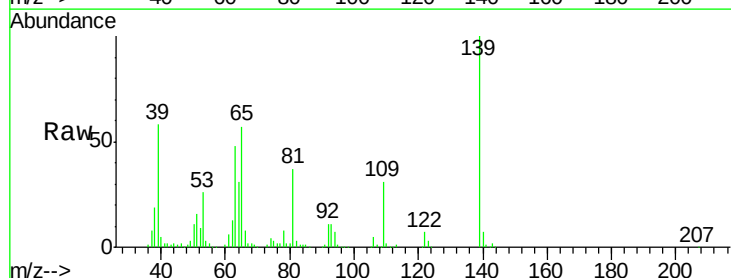
Tgt Ion: 139 Resp: 265753

Ion Ratio Lower Upper

139 100

65 56.6 55.4 83.0

109 31.4 42.2 63.2#

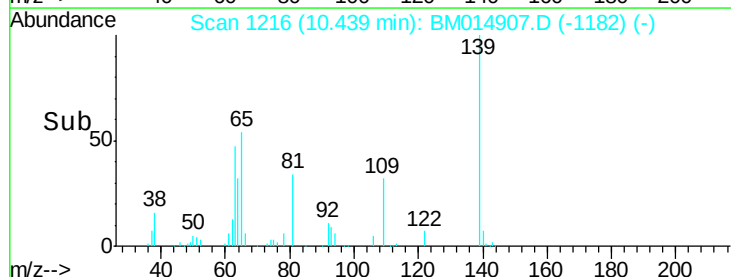


Abundance Ion 139.00 (138.70 to 139.70): BM014888.D (-1209) (-)

Ion 65.00 (64.70 to 65.70): BM014888.D (-1209) (-)

Ion 109.00 (108.70 to 109.70): BM014888.D (-1209) (-)

Time-->

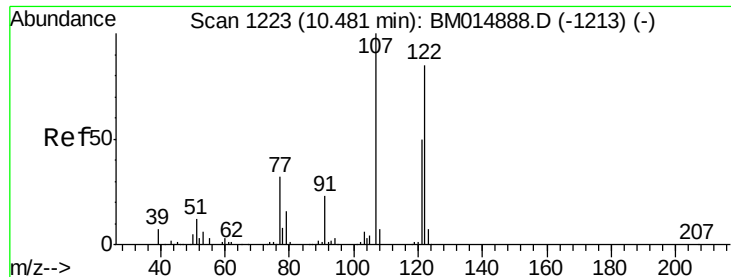


Abundance Ion 139.00 (138.70 to 139.70): BM014907.D (-1182) (-)

Ion 65.00 (64.70 to 65.70): BM014907.D (-1182) (-)

Ion 109.00 (108.70 to 109.70): BM014907.D (-1182) (-)

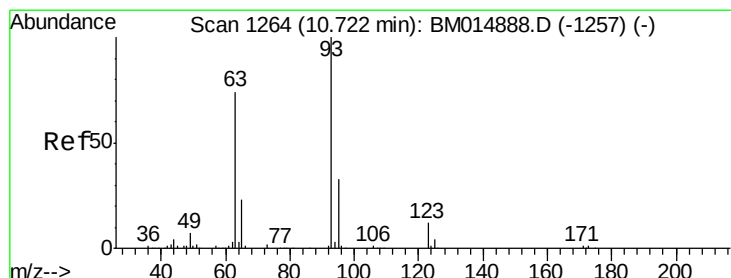
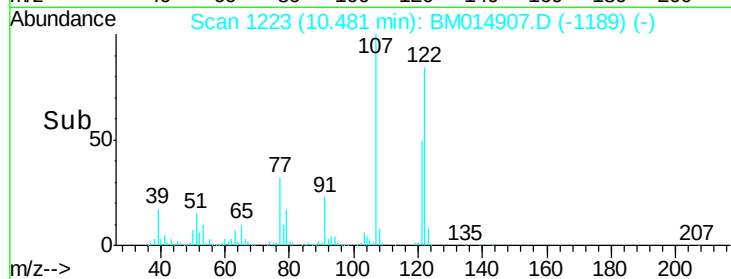
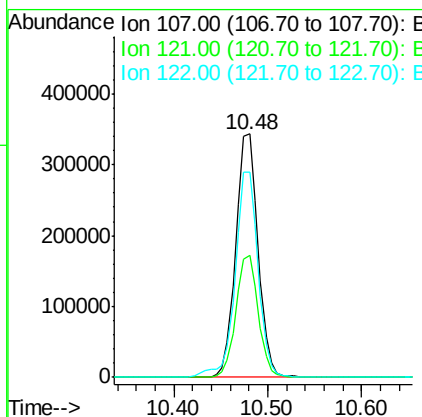
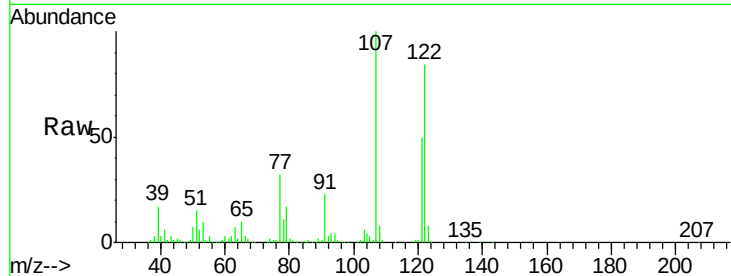
Time-->



#24
 2,4-Dimethylphenol
 Concen: 21.172 ng/ul
 RT: 10.48 min Scan# 1223
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

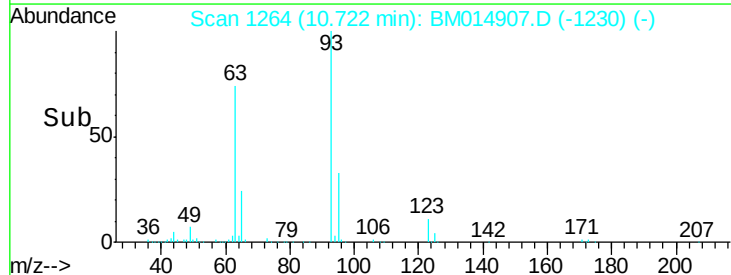
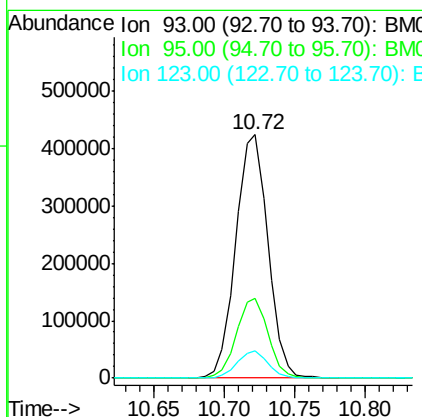
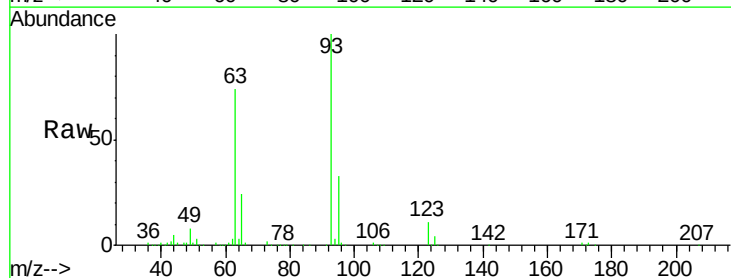
Instrument :
 BNA_M
 ClientSampleId :

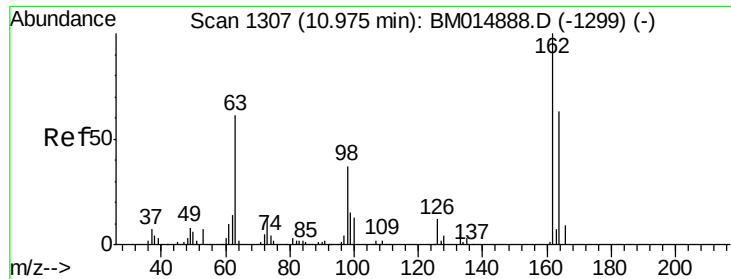
Tot Ion	Ratio	Lower	Upper
107	100		
121	50.1	31.9	47.9
122	84.1	57.8	86.6



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.981 ng/ul
 RT: 10.72 min Scan# 1264
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	28.5	42.7
123	11.4	8.9	13.3

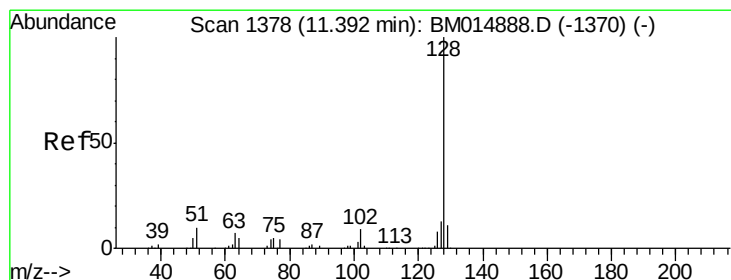
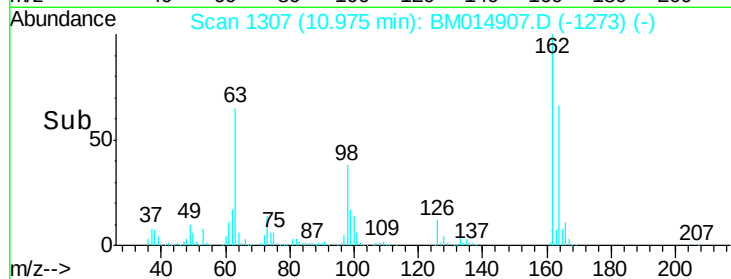
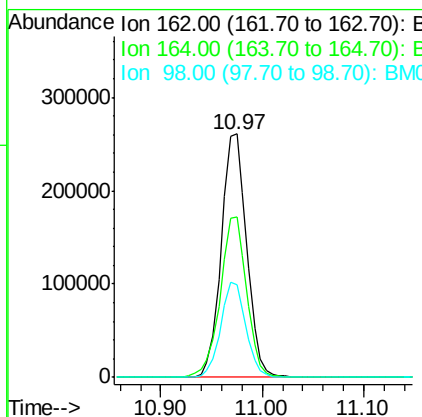
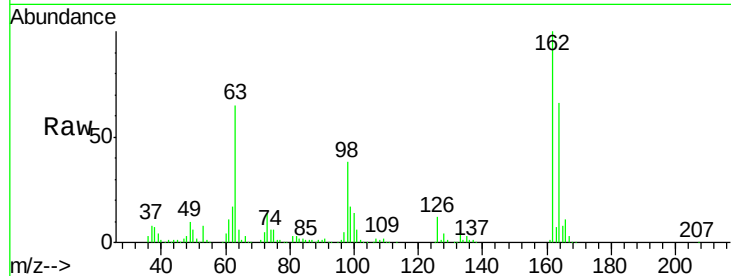




#27
 2,4-Dichlorophenol
 Concen: 20.048 ng/ul
 RT: 10.97 min Scan# 1307
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

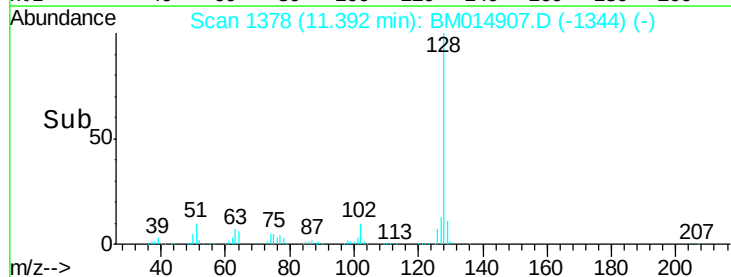
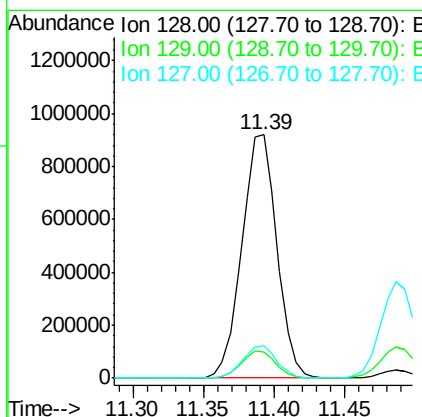
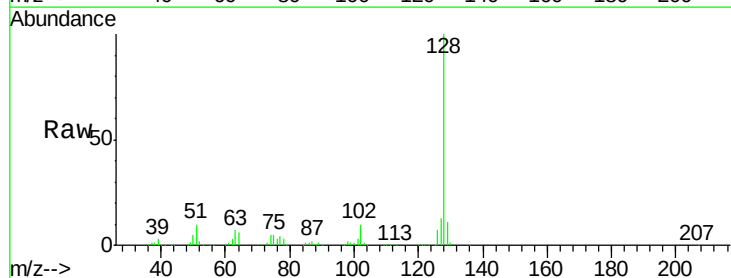
Instrument :
 BNA_M
 ClientSampleId :

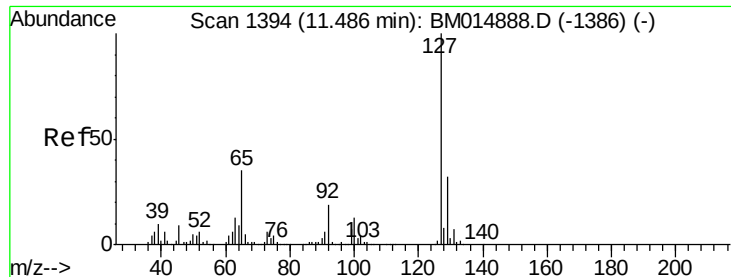
Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	47.8	71.6
98	38.2	23.0	34.4



#28
 Naphthalene
 Concen: 20.180 ng/ul
 RT: 11.39 min Scan# 1378
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.3	10.6	16.0

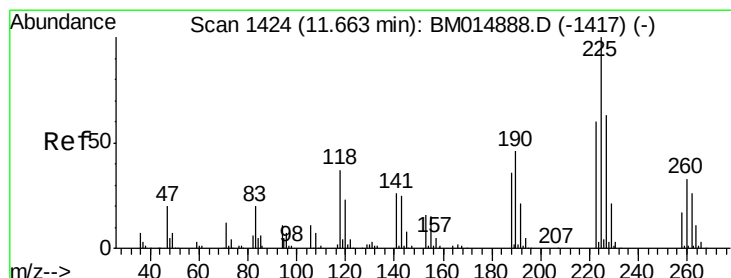
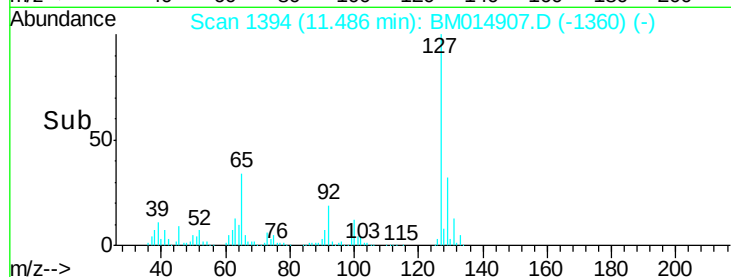
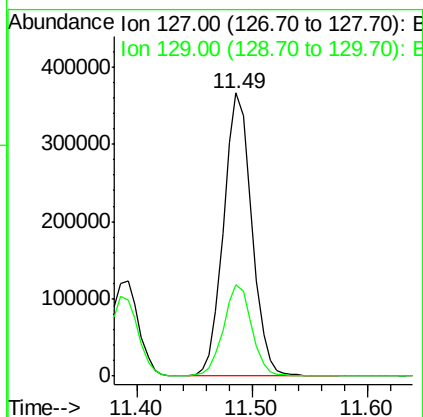
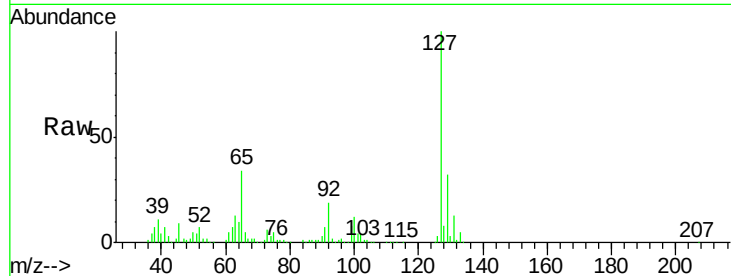




#30
4-Chloroaniline
Concen: 27.207 ng/ul
RT: 11.49 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

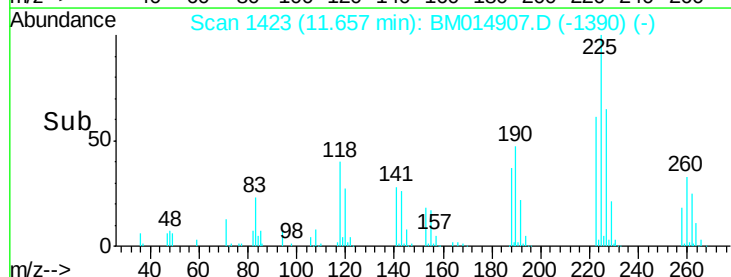
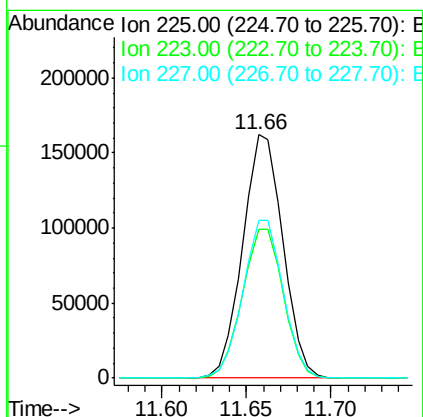
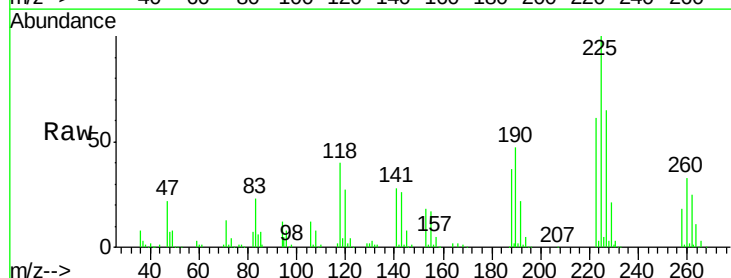
Instrument :
BNA_M
ClientSampleId :

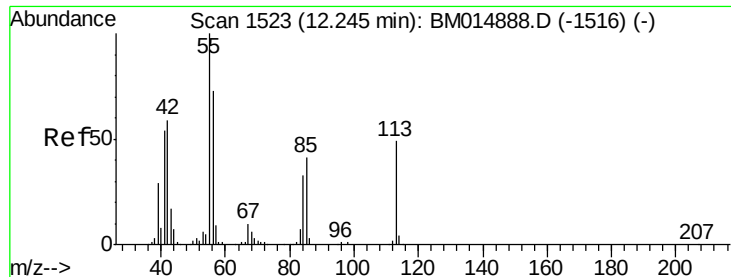
Tot Ion:127 Resp: 618928
Ion Ratio Lower Upper
127 100
129 32.1 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.456 ng/ul
RT: 11.66 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion:225 Resp: 269217
Ion Ratio Lower Upper
225 100
223 61.0 49.4 74.2
227 64.8 45.4 68.2





#32

Caprolactam

Concen: 20.028 ng/ul

RT: 12.25 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampled :

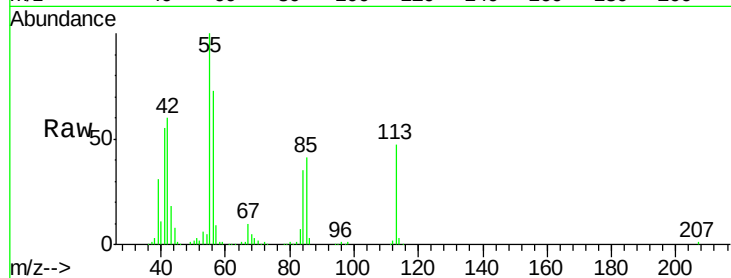
Tot Ion:113 Resp: 130813

Ion Ratio Lower Upper

113 100

55 212.3 208.0 312.0

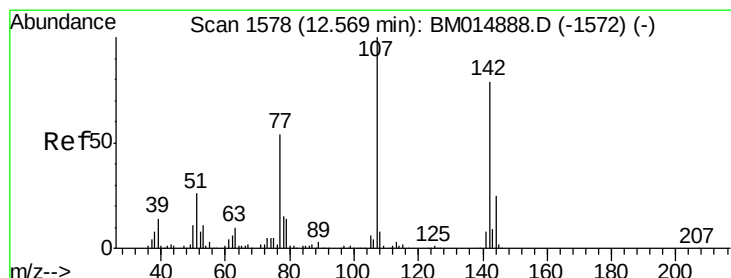
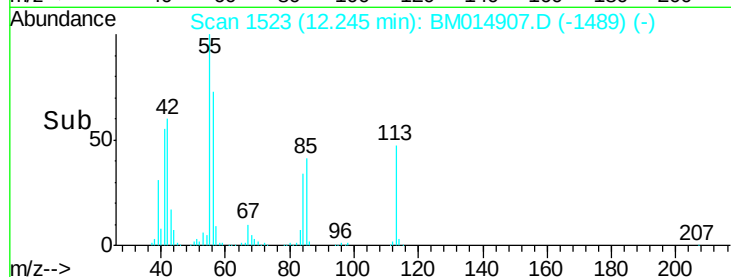
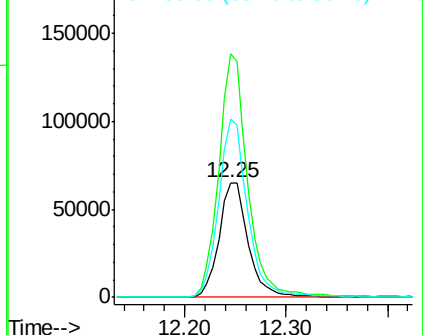
56 155.1 160.0 240.0#



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: 21.394 ng/ul

RT: 12.57 min Scan# 1578

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

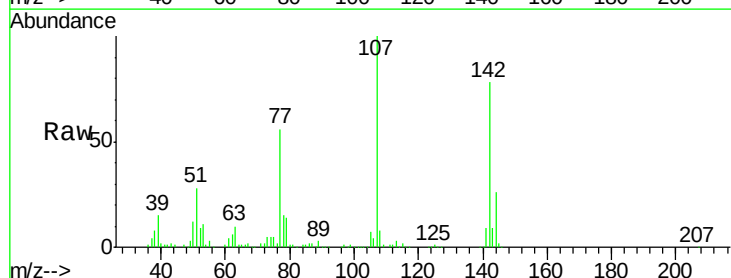
Tgt Ion:107 Resp: 490559

Ion Ratio Lower Upper

107 100

144 25.6 20.4 30.6

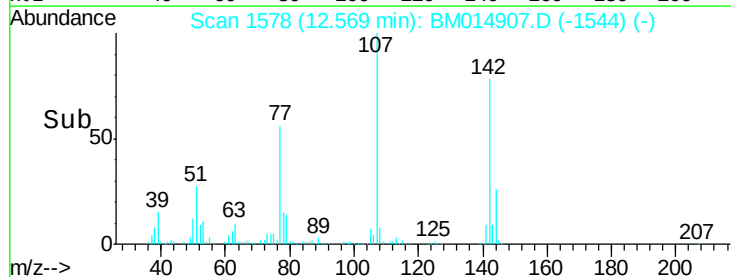
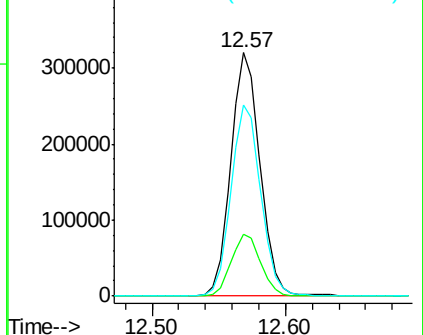
142 78.3 60.5 90.7

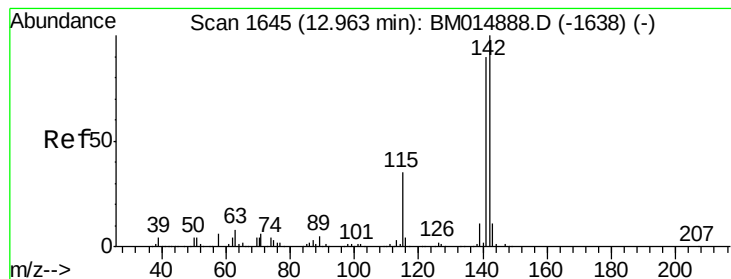


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.931 ng/ul

RT: 12.96 min Scan# 1645

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

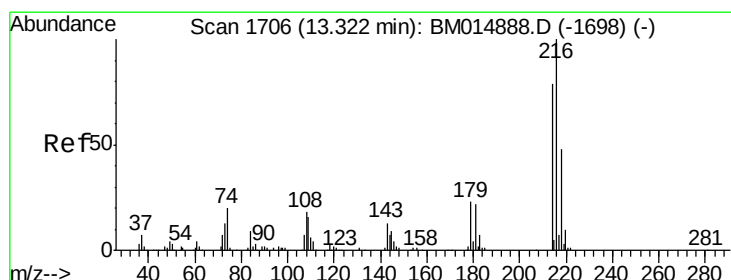
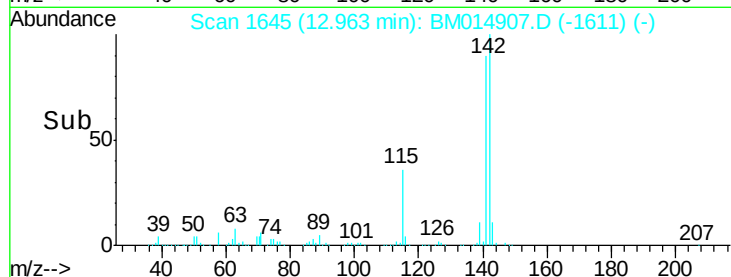
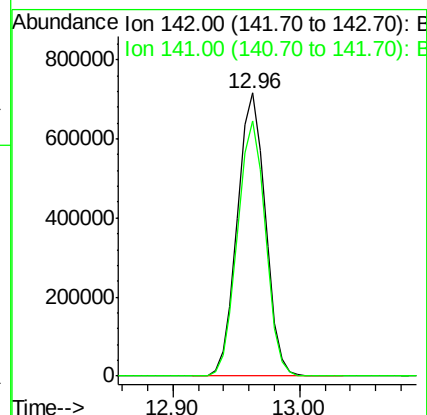
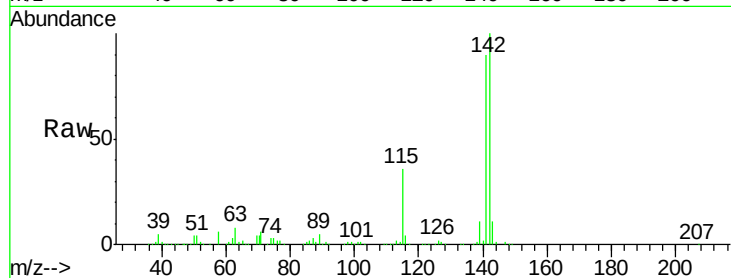
ClientSampleId :

Tot Ion:142 Resp: 1094631

Ion Ratio Lower Upper

142 100

141 90.0 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.879 ng/ul

RT: 13.32 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Tgt Ion:216 Resp: 500182

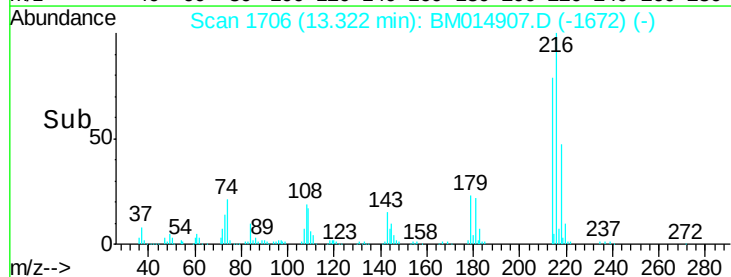
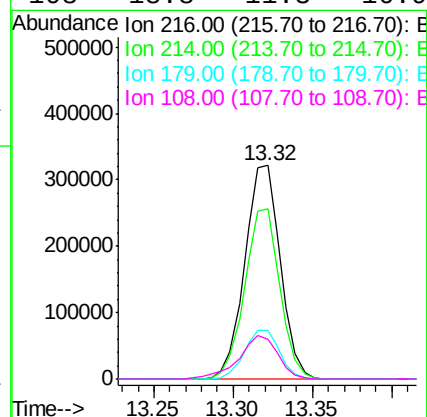
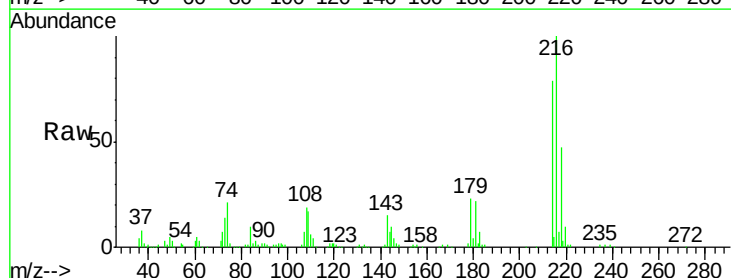
Ion Ratio Lower Upper

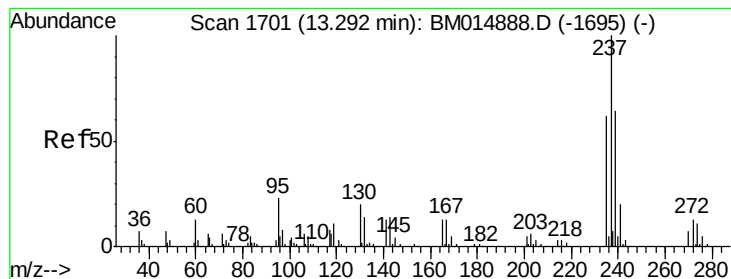
216 100

214 79.5 60.6 90.8

179 22.9 17.5 26.3

108 18.8 11.3 16.9#





#37

Hexachlorocyclopentadiene

Concen: 16.068 ng/ul

RT: 13.29 min Scan# 1701

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

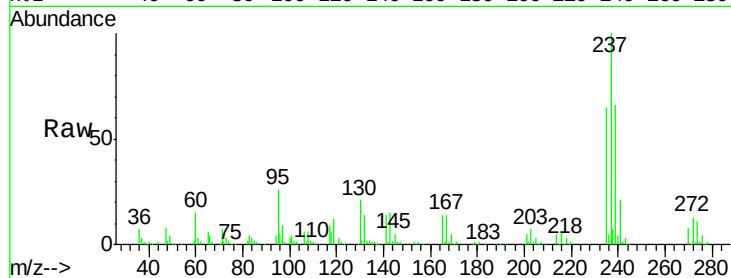
Tot Ion:237 Resp: 293281

Ion Ratio Lower Upper

237 100

235 64.6 50.2 75.4

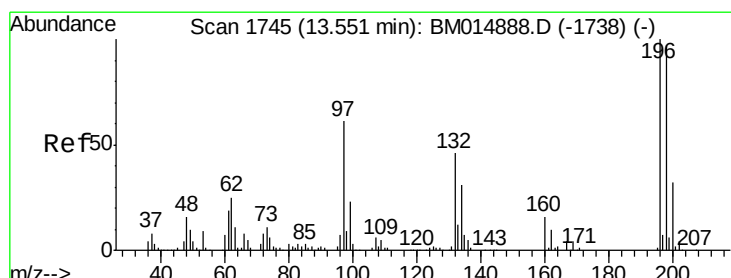
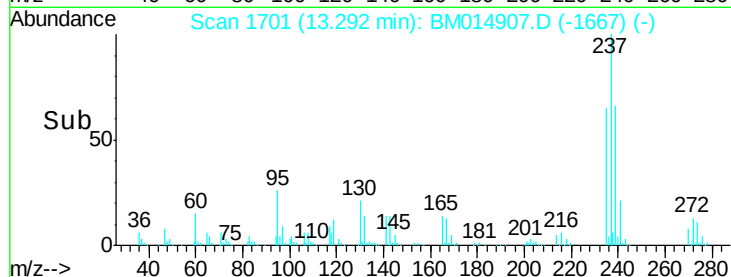
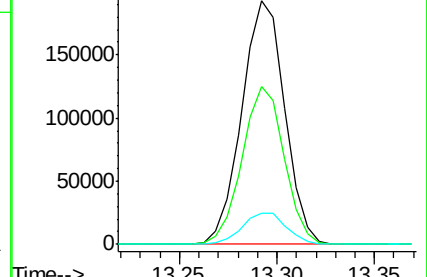
272 13.1 11.0 16.6



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: 20.110 ng/ul

RT: 13.55 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

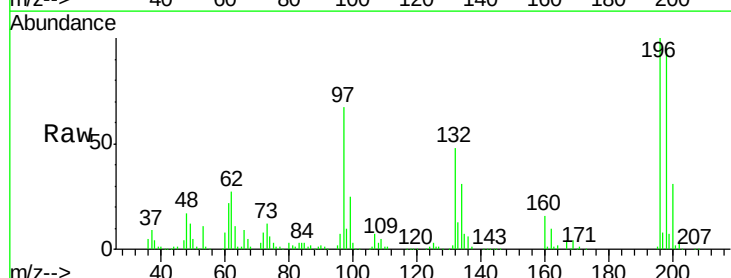
Tgt Ion:196 Resp: 329085

Ion Ratio Lower Upper

196 100

198 94.7 74.1 111.1

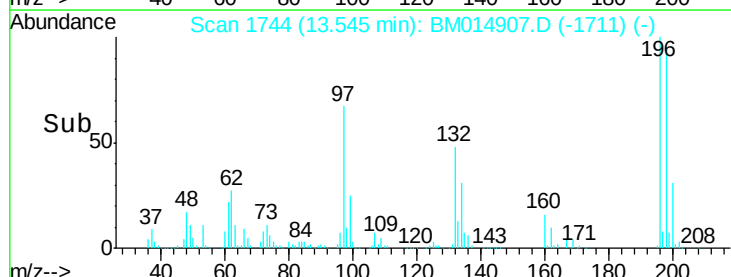
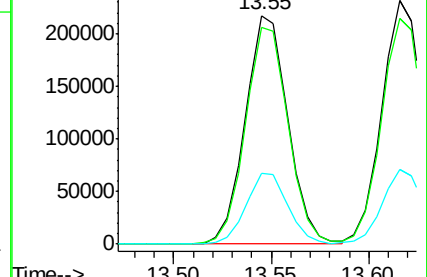
200 30.7 25.2 37.8

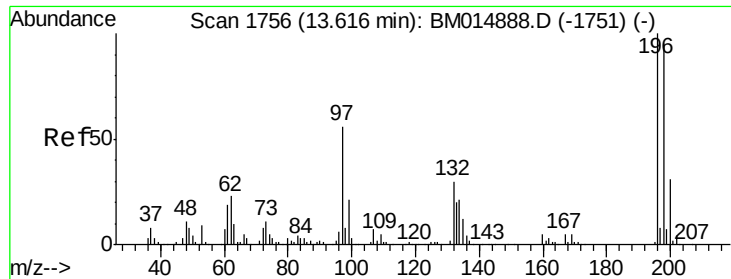


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

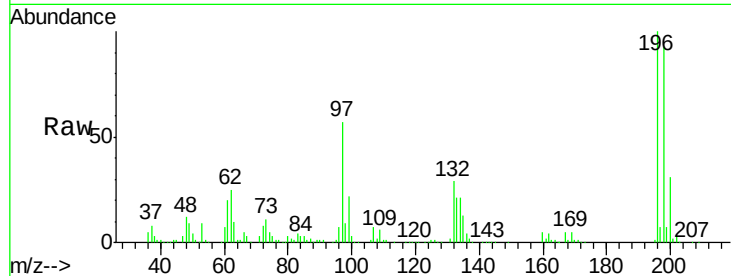




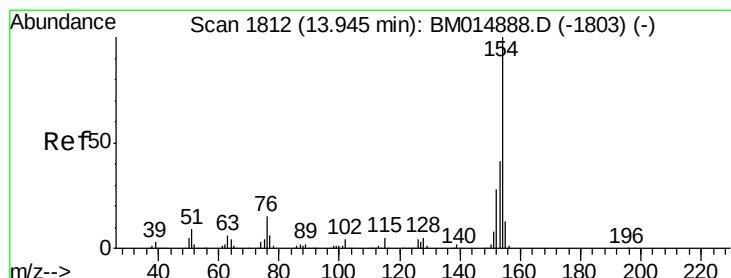
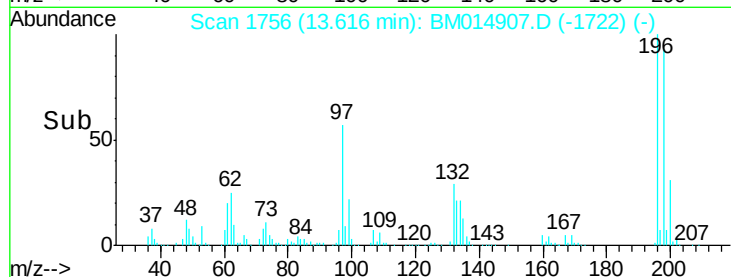
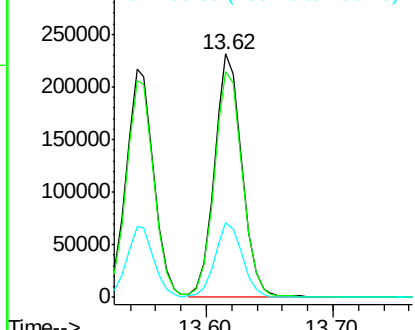
#39
 2,4,5-Trichlorophenol
 Concen: 19.909 ng/ul
 RT: 13.62 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:196 Resp: 347984
 Ion Ratio Lower Upper
 196 100
 198 92.8 75.6 113.4
 200 30.7 25.5 38.3

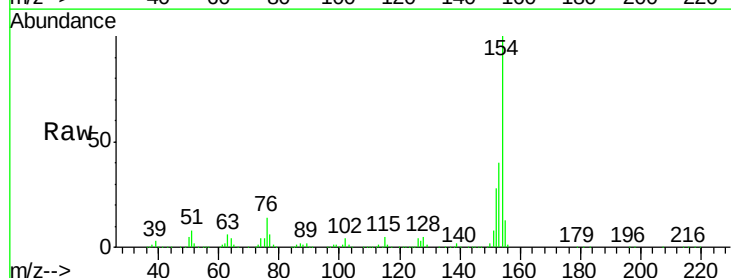


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

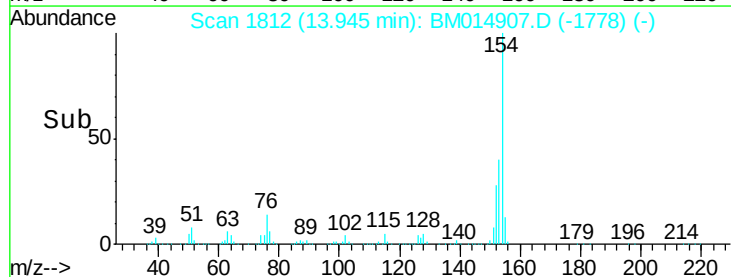
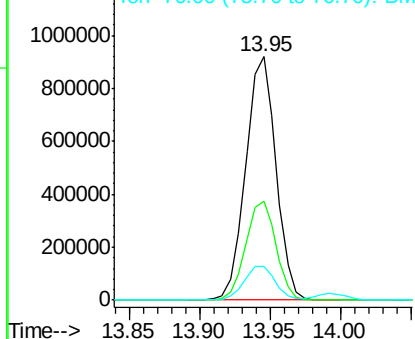


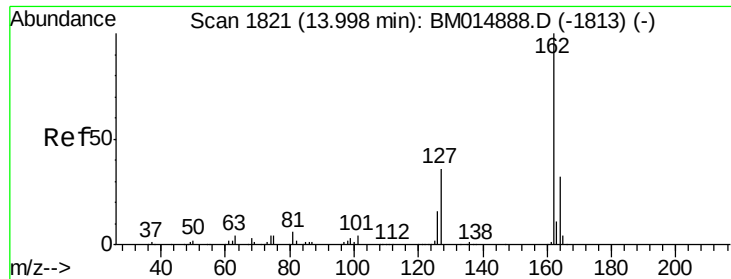
#40
 1,1'-Biphenyl
 Concen: 20.430 ng/ul
 RT: 13.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion:154 Resp: 1388470
 Ion Ratio Lower Upper
 154 100
 153 40.4 32.6 48.8
 76 13.8 8.5 12.7#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

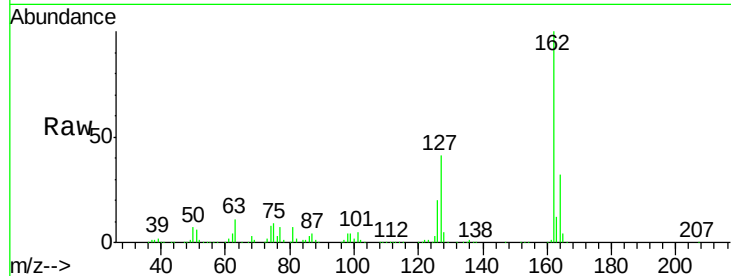




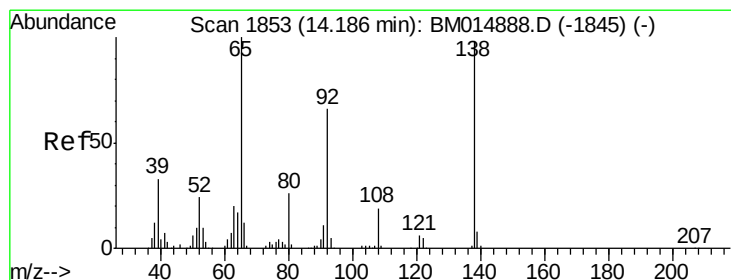
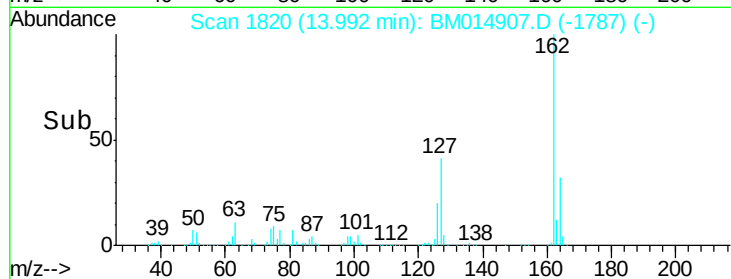
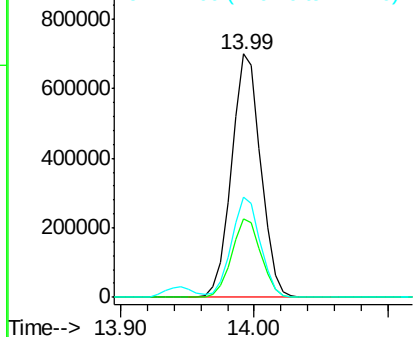
#41
2-Chloronaphthalene
Concen: 20.208 ng/ul
RT: 13.99 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1066502
Ion Ratio Lower Upper
162 100
164 32.5 25.9 38.9
127 41.1 29.4 44.2

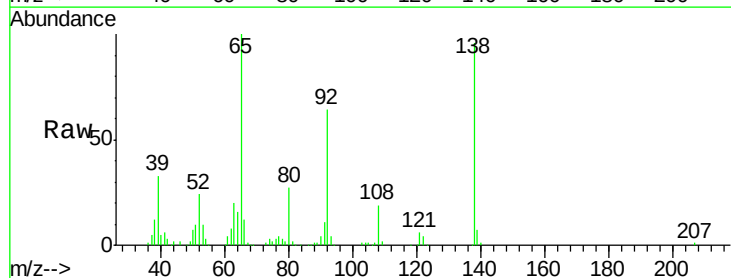


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 127.00 (126.70 to 127.70): E

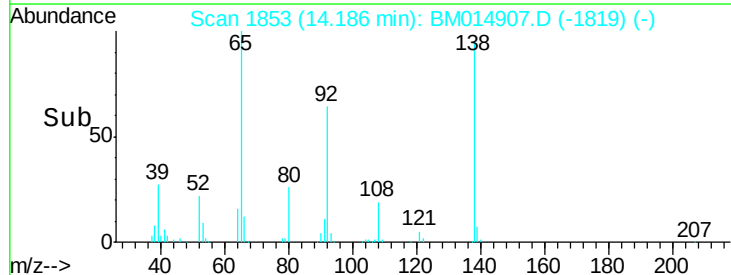
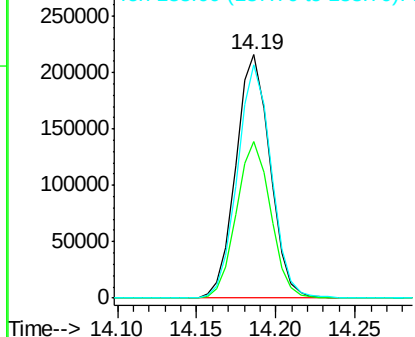


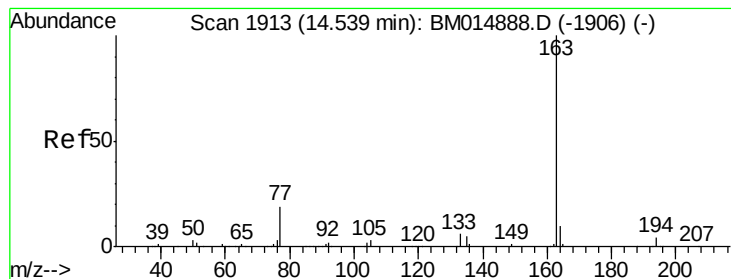
#42
2-Nitroaniline
Concen: 23.224 ng/ul
RT: 14.19 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion: 65 Resp: 324356
Ion Ratio Lower Upper
65 100
92 64.1 51.8 77.6
138 95.6 74.2 111.4



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 20.072 ng/ul

RT: 14.54 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

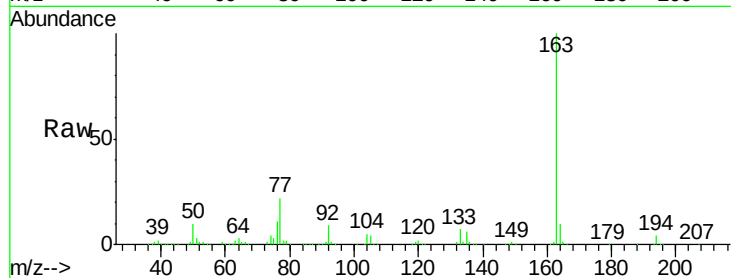
Tot Ion:163 Resp: 1280110

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

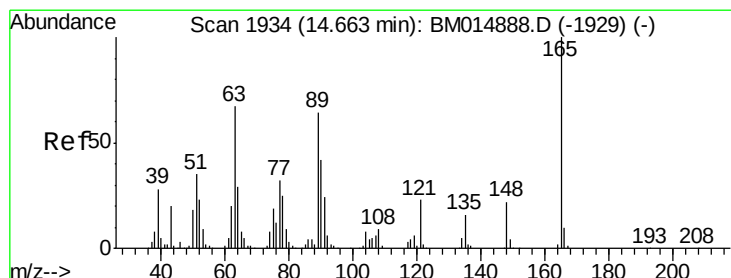
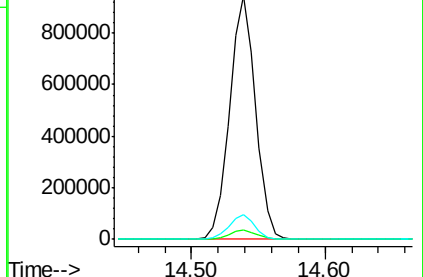
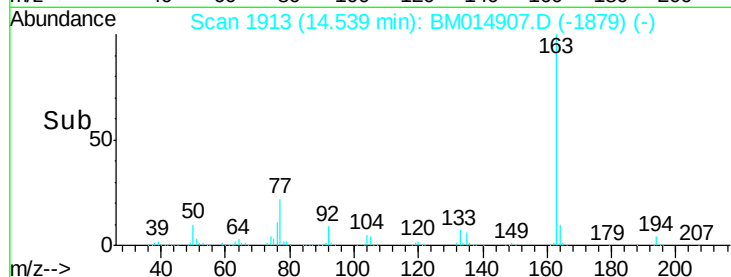
164 10.0 8.2 12.4



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: 21.174 ng/ul

RT: 14.66 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

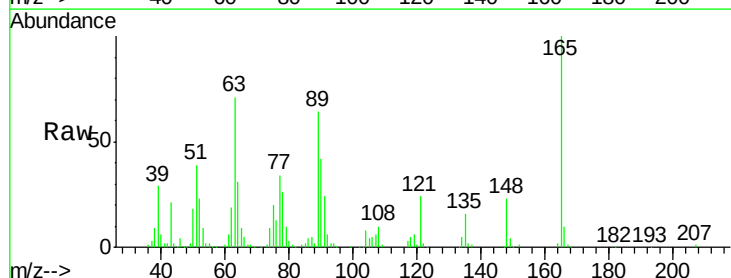
Tgt Ion:165 Resp: 247672

Ion Ratio Lower Upper

165 100

89 63.7 52.6 79.0

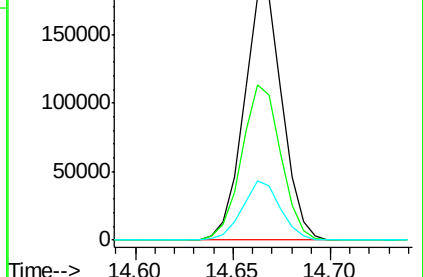
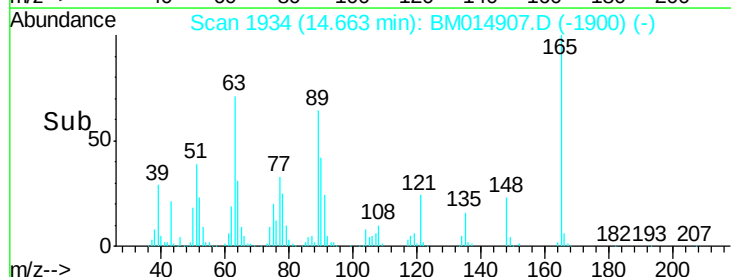
121 24.1 14.6 22.0#

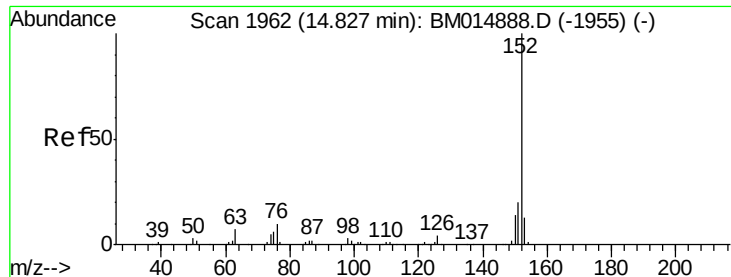


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.732 ng/ul

RT: 14.83 min Scan# 1962

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

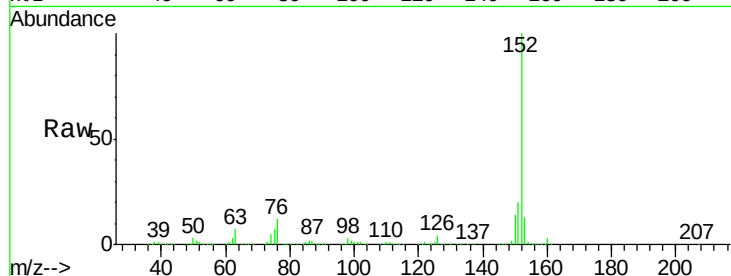
Instrument :

BNA_M

ClientSampled :

Tot Ion:152 Resp: 1636327

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.1	10.2	15.4

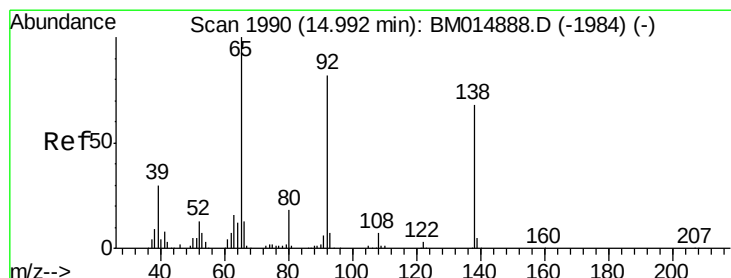
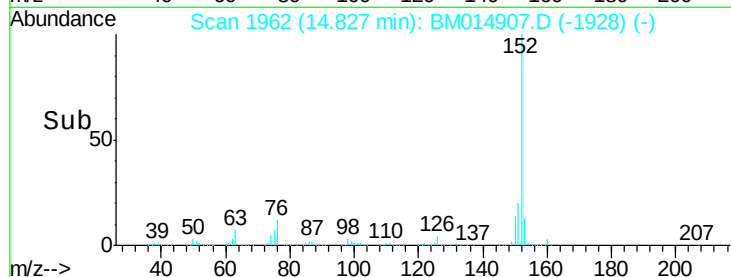


Abundance

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: 22.346 ng/ul

RT: 15.00 min Scan# 1991

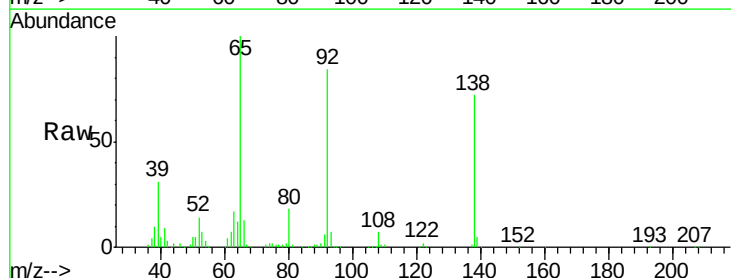
Delta R.T. 0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Tgt Ion:138 Resp: 257204

Ion	Ratio	Lower	Upper
138	100		
108	10.4	9.9	14.9
92	116.7	105.0	157.4

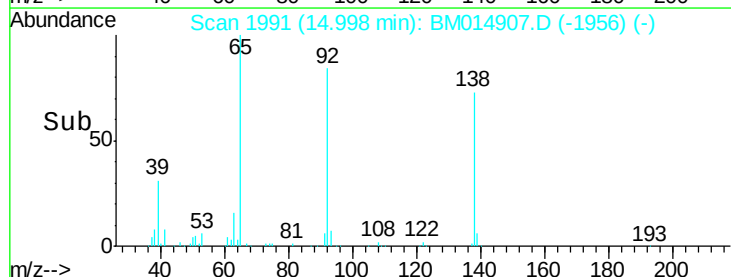


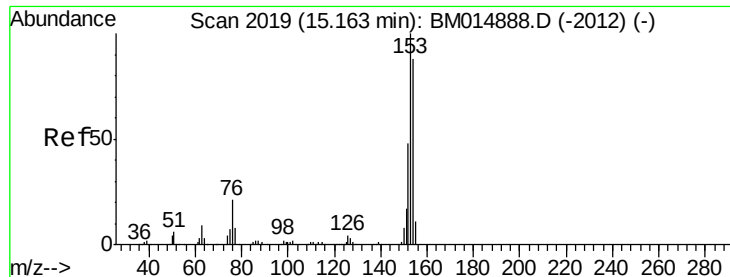
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.320 ng/ul

RT: 15.16 min Scan# 2019

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

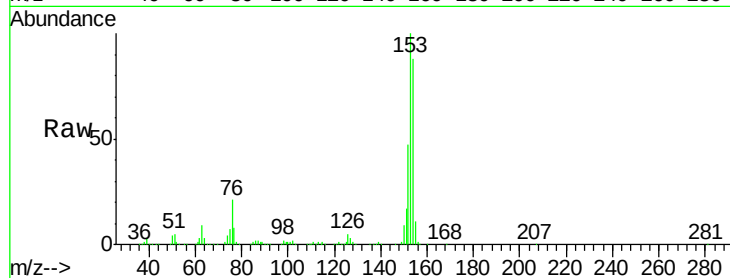
Tot Ion:153 Resp: 1139759

Ion Ratio Lower Upper

153 100

152 46.9 37.6 56.4

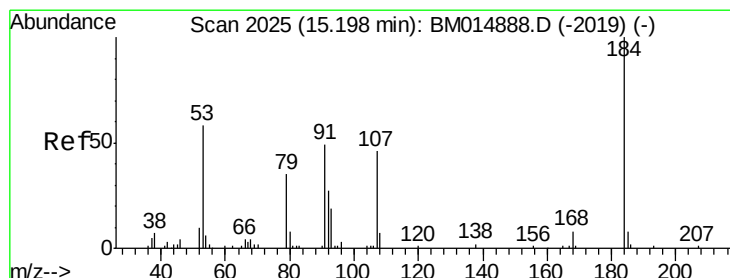
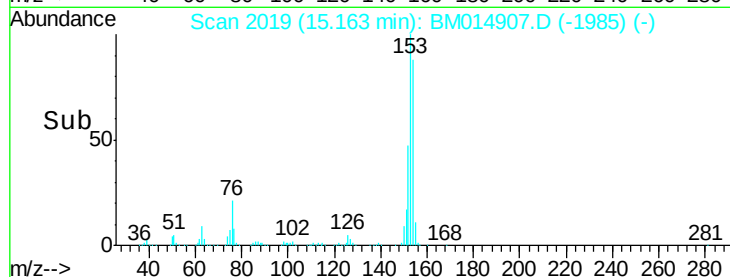
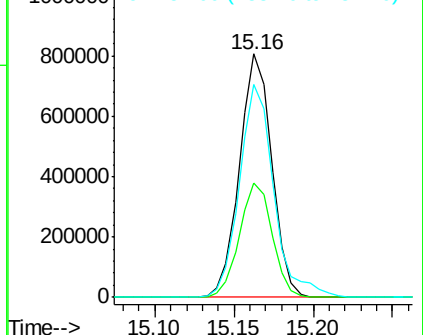
154 87.6 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 15.492 ng/ul

RT: 15.19 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

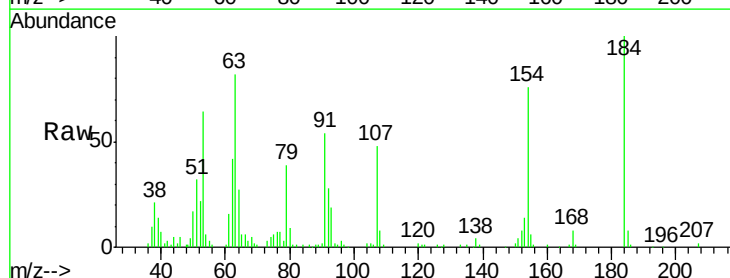
Tgt Ion:184 Resp: 100614

Ion Ratio Lower Upper

184 100

63 82.0 50.1 75.1#

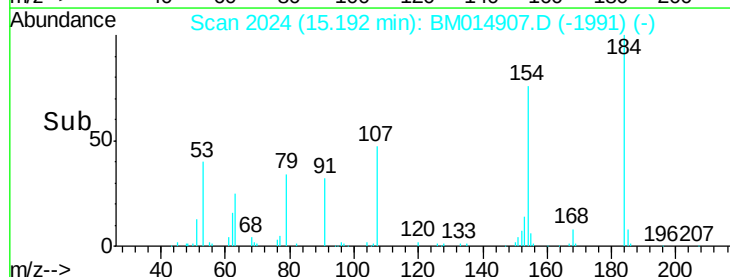
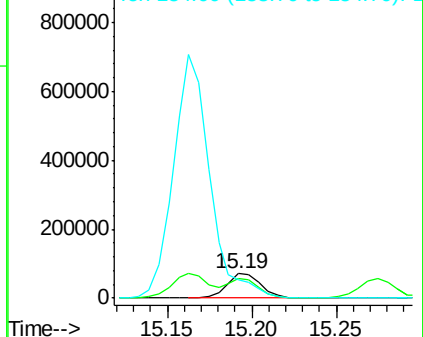
154 75.9 54.5 81.7

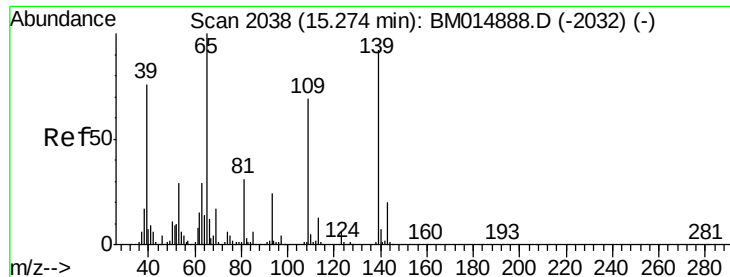


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.872 ng/ul

RT: 15.27 min Scan# 2038

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

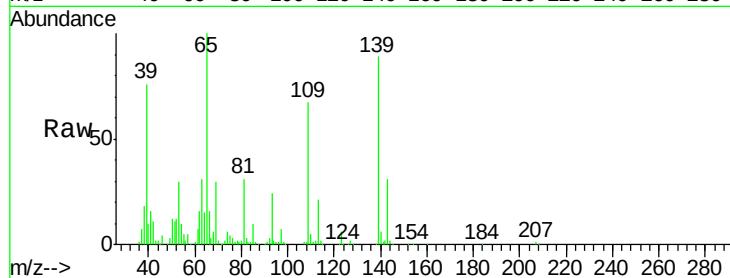
Tot Ion:109 Resp: 184174

Ion Ratio Lower Upper

109 100

139 132.4 80.0 120.0#

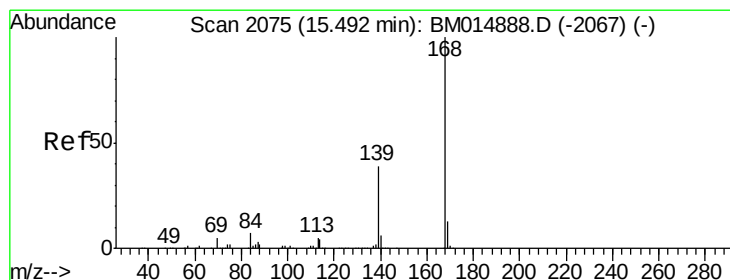
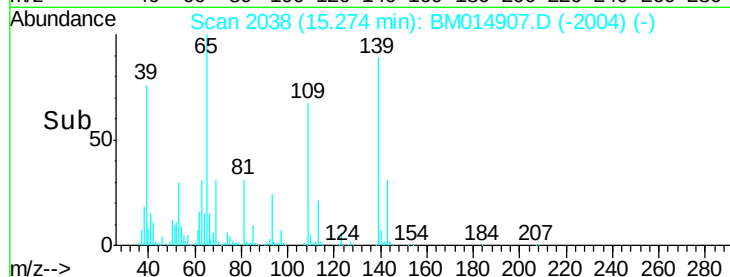
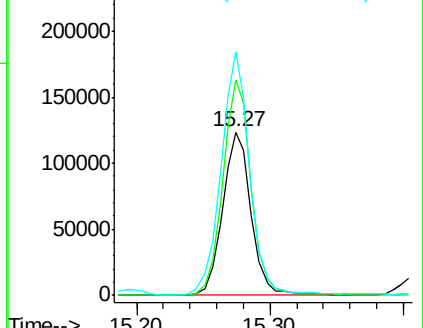
65 149.2 120.0 180.0



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.037 ng/ul

RT: 15.49 min Scan# 2075

Delta R.T. 0.00 min

Lab File: BM014907.D

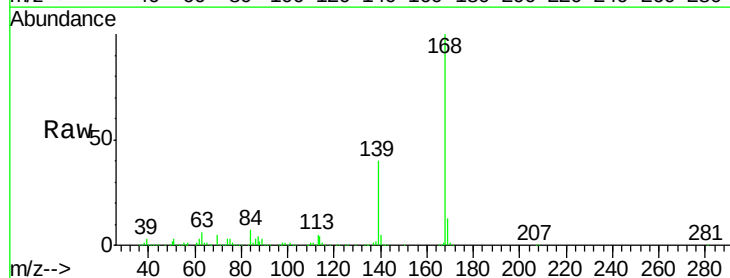
Acq: 02 May 2018 04:18

Tgt Ion:168 Resp: 1560644

Ion Ratio Lower Upper

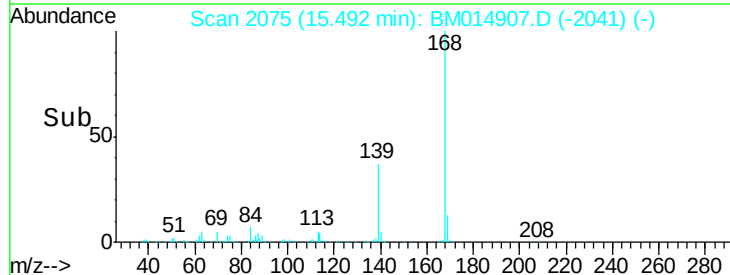
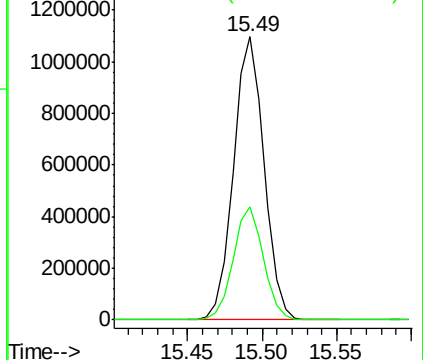
168 100

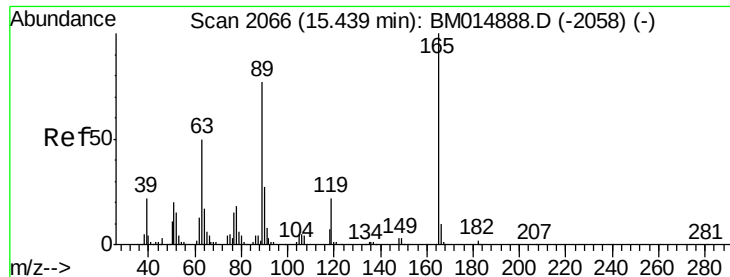
139 39.9 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

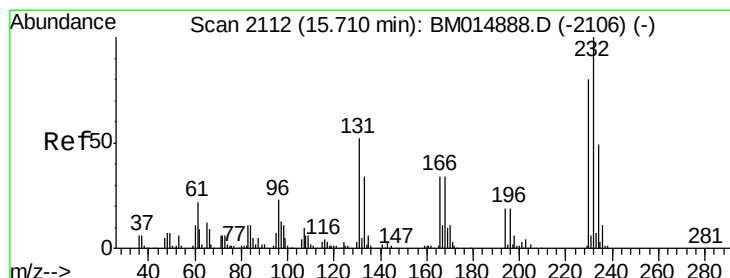
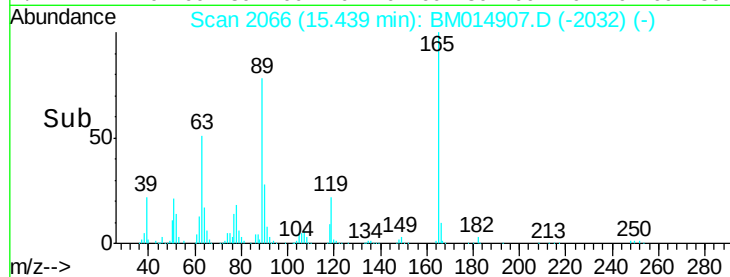
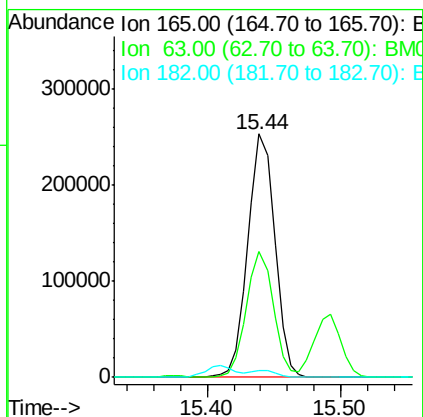
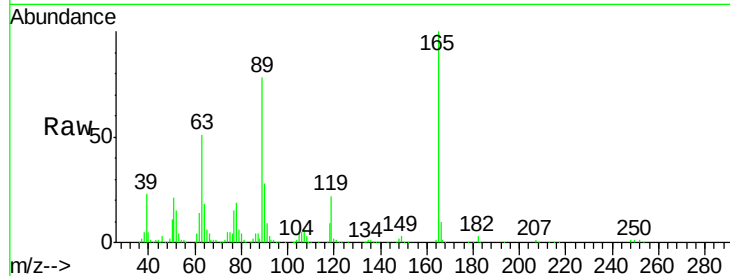




#54
 2,4-Dinitrotoluene
 Concen: 20.551 ng/ul
 RT: 15.44 min Scan# 2066
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

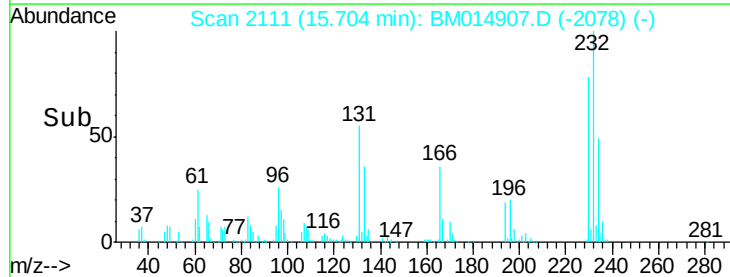
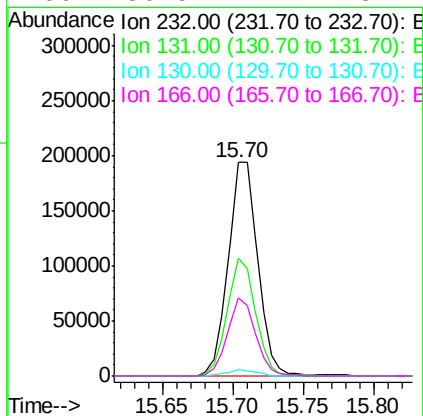
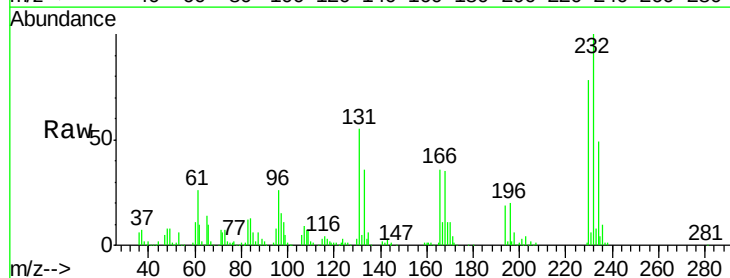
Instrument :
 BNA_M
 ClientSampleId :

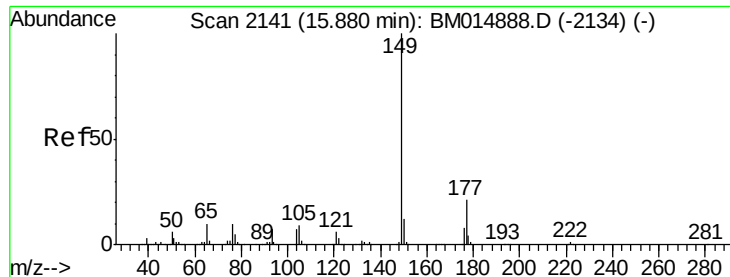
Tot Ion:165 Resp: 354175
 Ion Ratio Lower Upper
 165 100
 63 51.5 45.8 68.8
 182 2.9 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.165 ng/ul
 RT: 15.70 min Scan# 2111
 Delta R.T. -0.01 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion:232 Resp: 284225
 Ion Ratio Lower Upper
 232 100
 131 55.1 29.0 43.4#
 130 3.0 2.0 3.0#
 166 36.5 21.4 32.2#

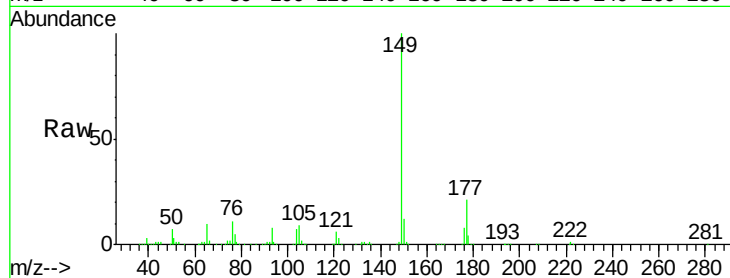




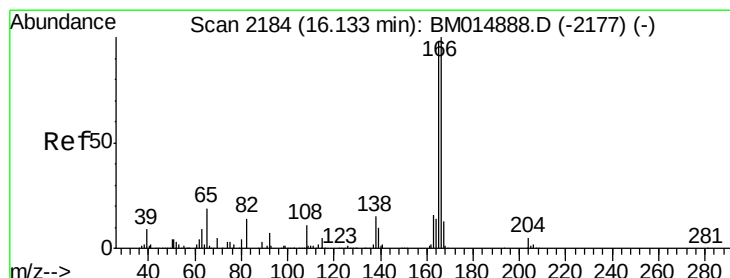
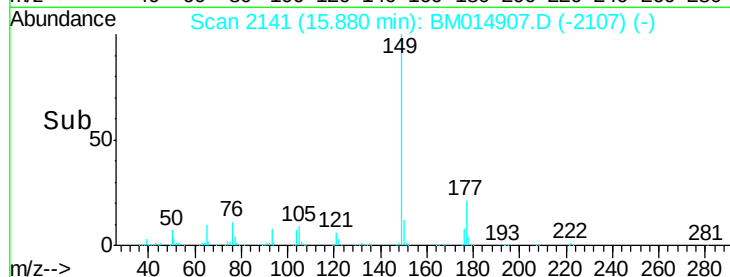
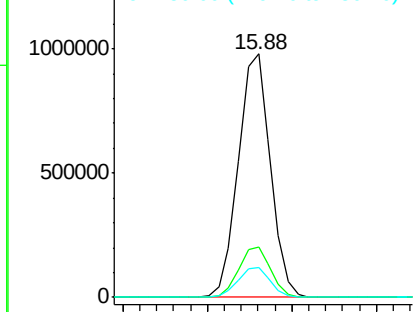
#56
Diethylphthalate
Concen: 20.139 ng/ul
RT: 15.88 min Scan# 2141
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Instrument :
BNA_M
ClientSampled :

Tot Ion:149 Resp: 1292863
Ion Ratio Lower Upper
149 100
177 20.9 20.5 30.7
150 12.2 10.6 15.8

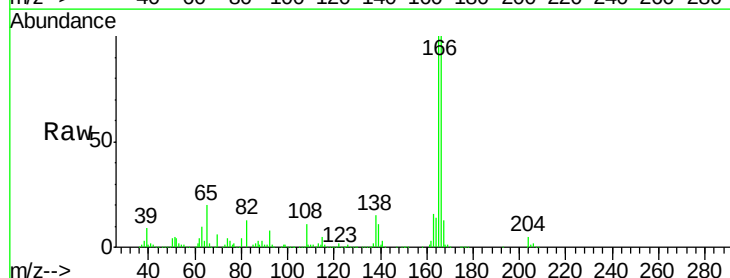


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

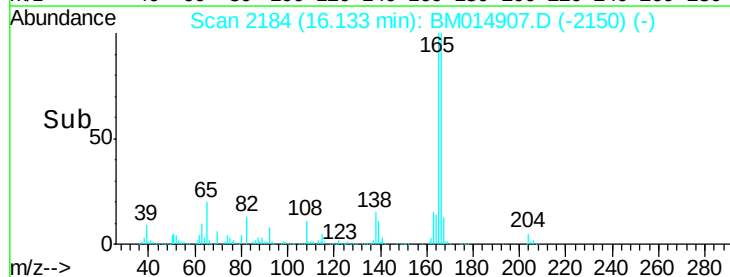
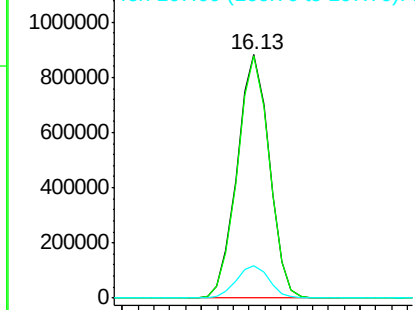


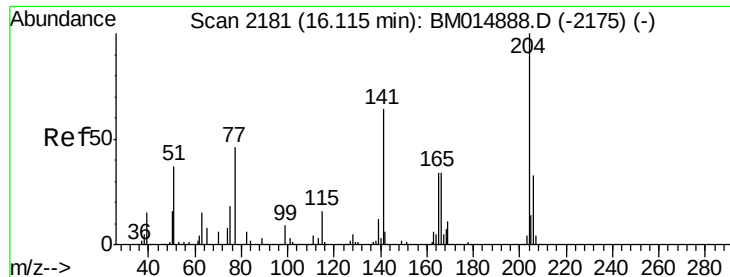
#58
Fluorene
Concen: 19.720 ng/ul
RT: 16.13 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion:166 Resp: 1240268
Ion Ratio Lower Upper
166 100
165 99.7 77.9 116.9
167 13.3 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

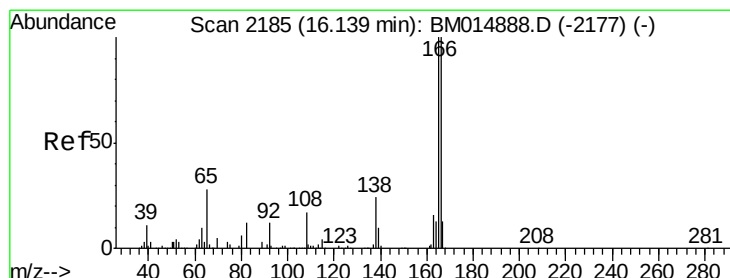
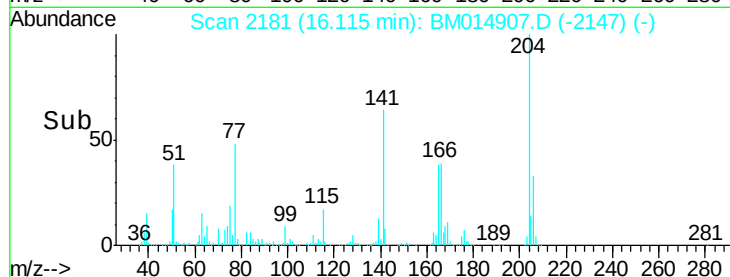
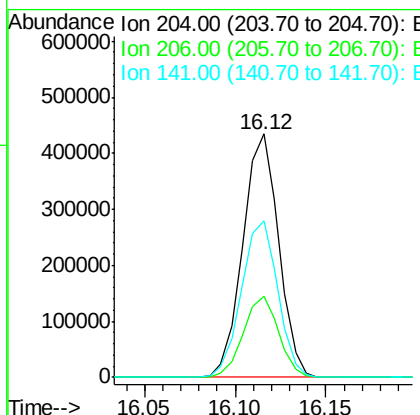
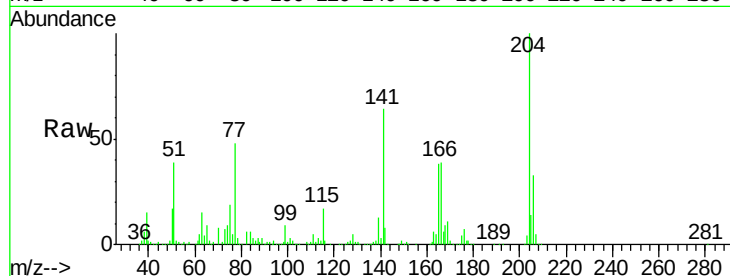




#59
 4-Chlorophenyl-phenylether
 Concen: 19.011 ng/ul
 RT: 16.12 min Scan# 2181
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

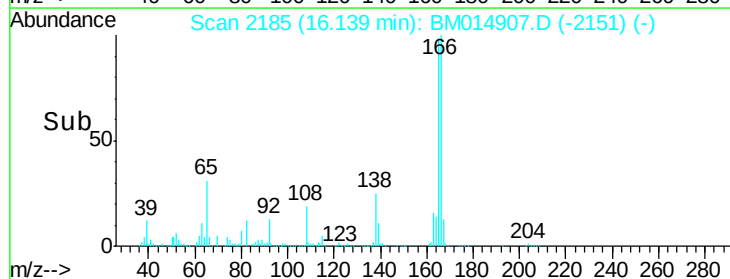
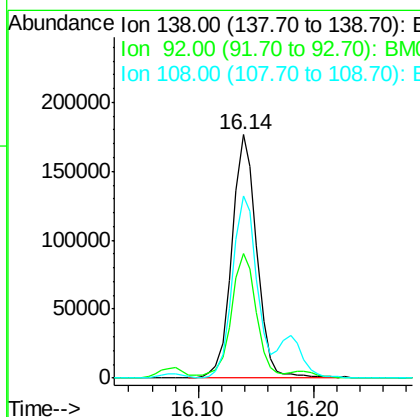
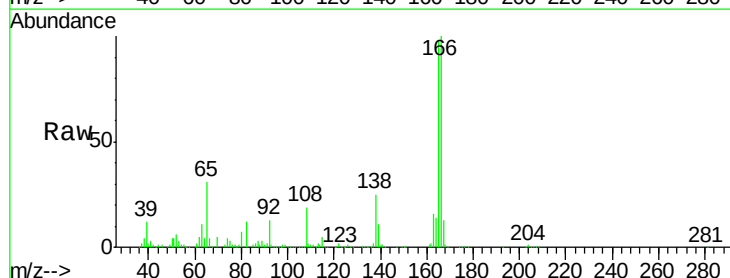
Instrument :
 BNA_M
 ClientSampled :

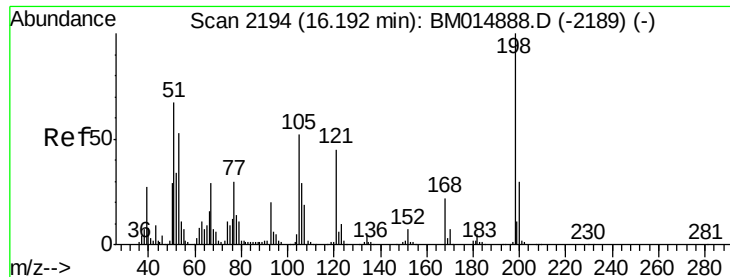
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	24.8	37.2
141	64.3	44.3	66.5



#60
 4-Nitroaniline
 Concen: 19.430 ng/ul
 RT: 16.14 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	40.0	60.0
108	74.6	80.0	120.0#

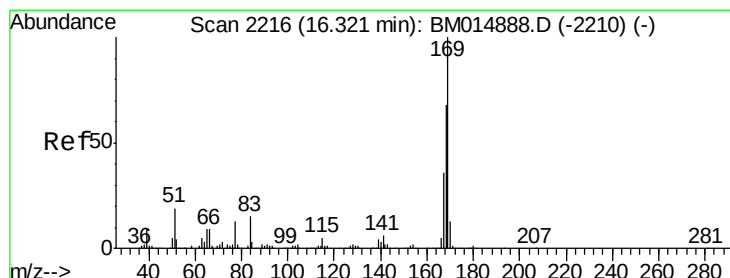
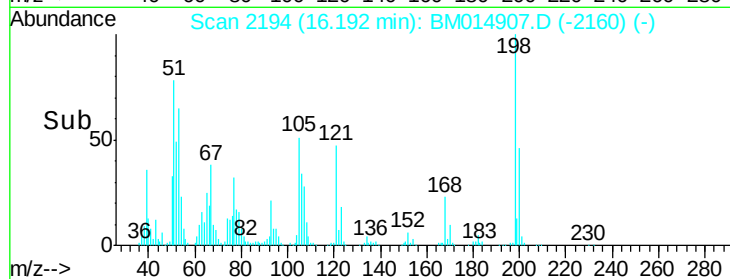
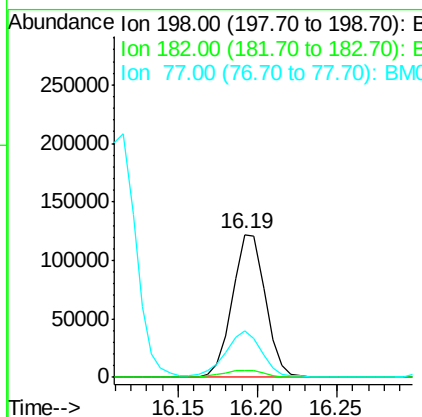
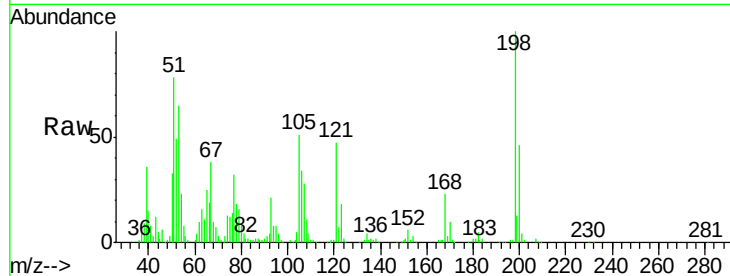




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.284 ng/ul
 RT: 16.19 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

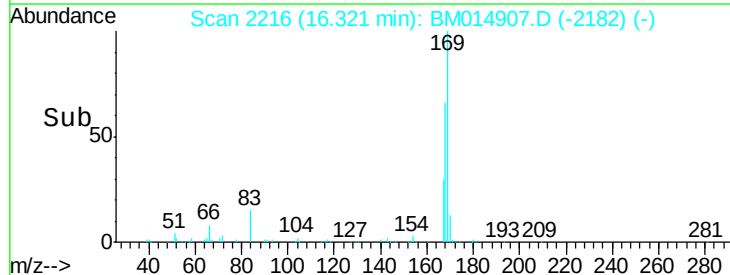
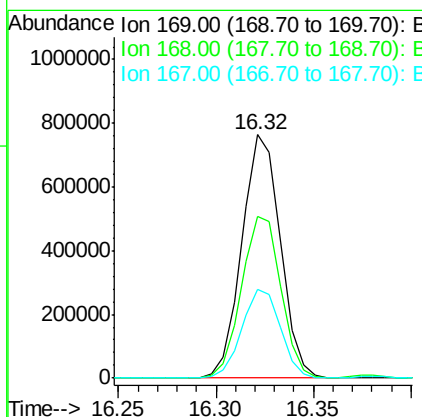
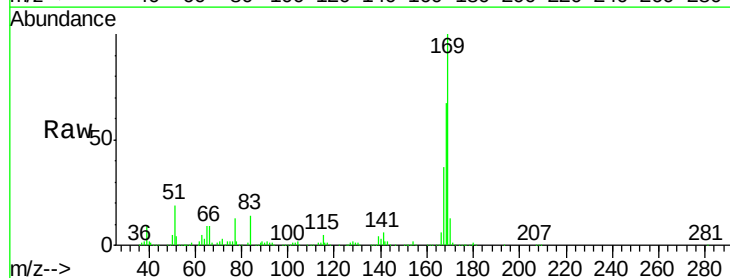
Instrument :
 BNA_M
 ClientSampled :

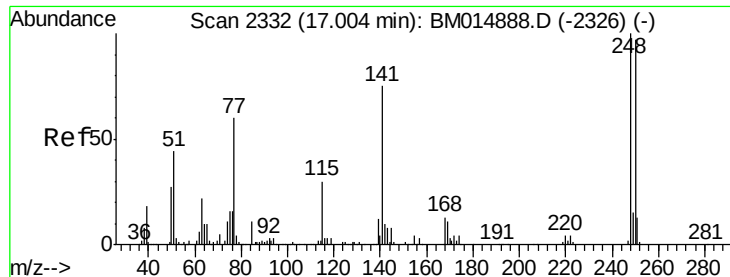
Tot Ion	198	Resp	176626
Ion Ratio	Lower	Upper	
198	100		
182	4.9	3.8	5.6
77	32.3	25.2	37.8



#64
 N-Nitrosodiphenylamine
 Concen: 20.980 ng/ul
 RT: 16.32 min Scan# 2216
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion	169	Resp	1045304
Ion Ratio	Lower	Upper	
169	100		
168	66.5	54.0	81.0
167	36.5	29.1	43.7

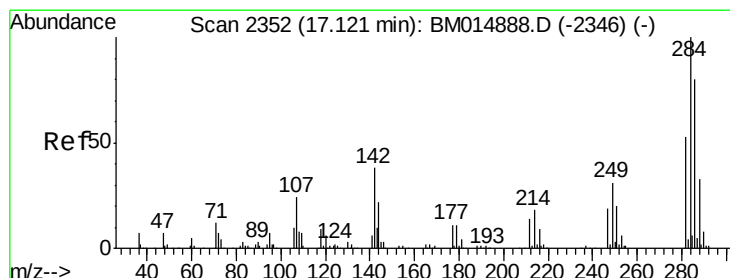
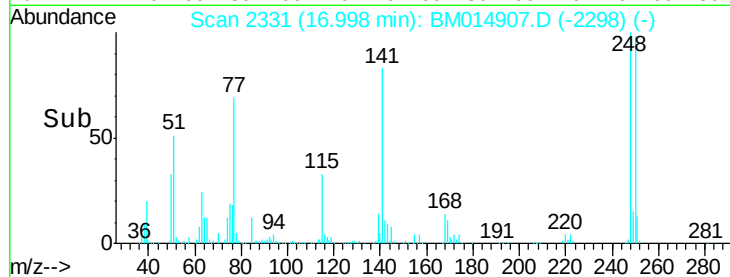
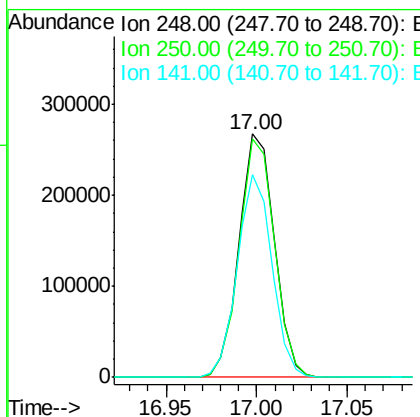
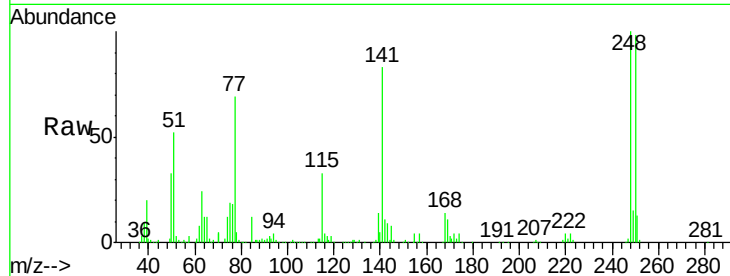




#65
4-Bromophenyl-phenylether
Concen: 20.039 ng/ul
RT: 17.00 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

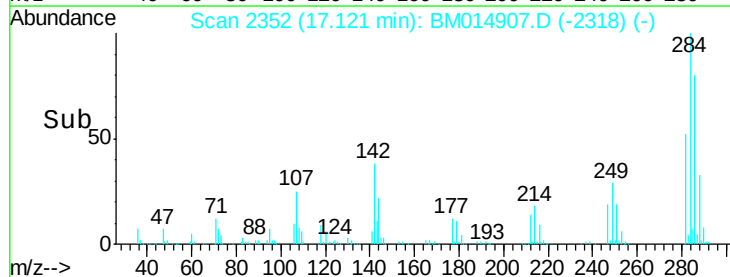
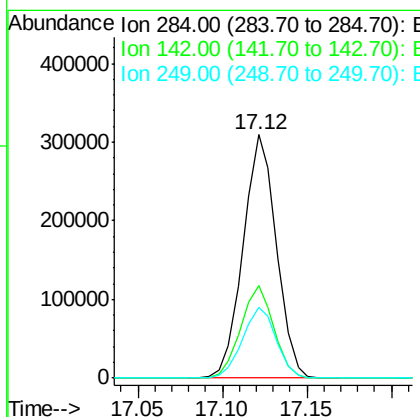
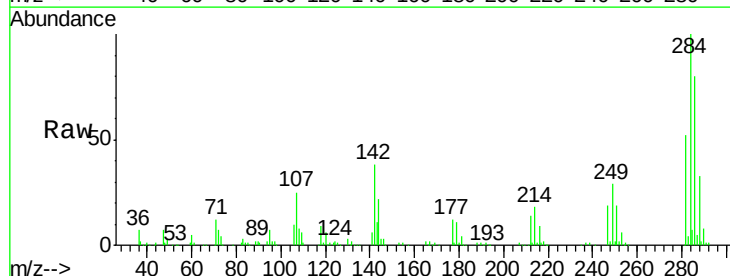
Instrument :
BNA_M
ClientSampleId :

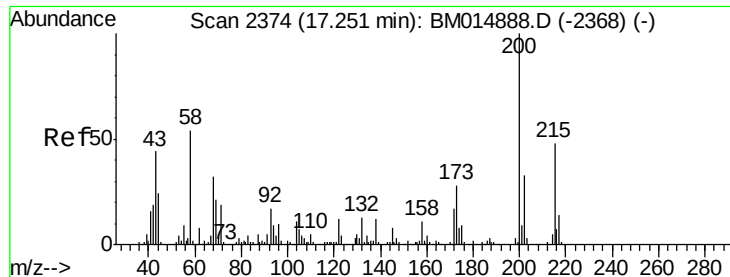
Tot Ion:248 Resp: 363628
Ion Ratio Lower Upper
248 100
250 98.1 80.5 120.7
141 83.2 53.6 80.4#



#66
Hexachlorobenzene
Concen: 20.151 ng/ul
RT: 17.12 min Scan# 2352
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion:284 Resp: 424814
Ion Ratio Lower Upper
284 100
142 38.0 21.2 31.8#
249 29.2 24.5 36.7





#67

Atrazine

Concen: 21.723 ng/ul

RT: 17.24 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

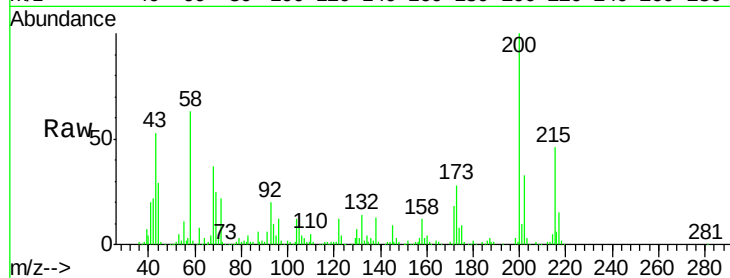
Tot Ion:200 Resp: 345610

Ion Ratio Lower Upper

200 100

173 27.8 18.2 27.2#

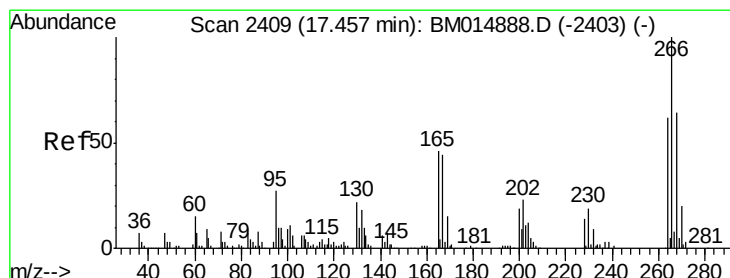
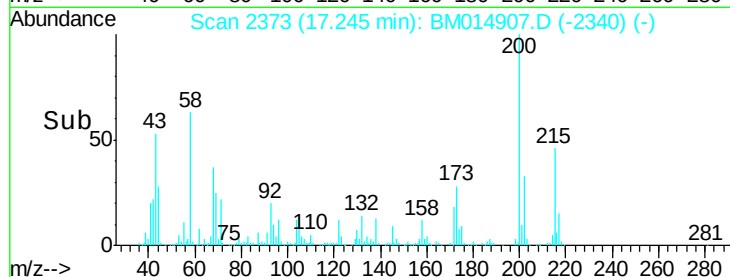
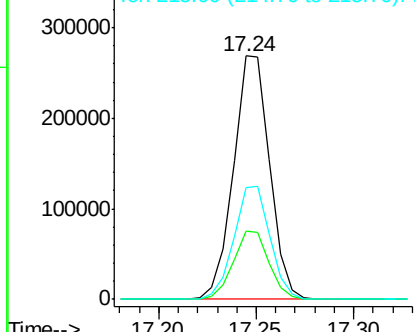
215 46.0 35.0 52.4



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: 18.567 ng/ul

RT: 17.46 min Scan# 2409

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

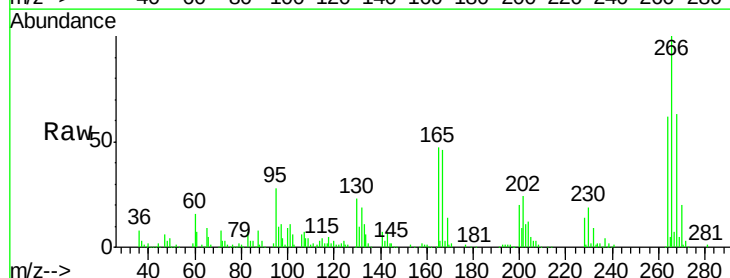
Tgt Ion:266 Resp: 222618

Ion Ratio Lower Upper

266 100

264 61.6 49.3 73.9

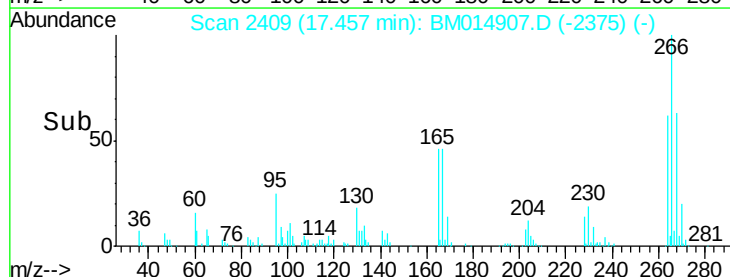
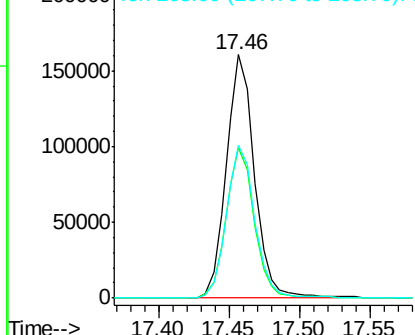
268 62.8 52.6 78.8

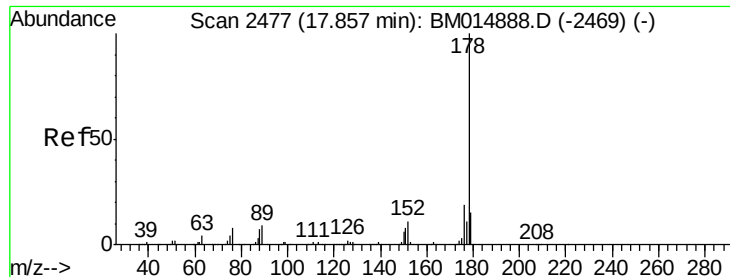


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.103 ng/ul

RT: 17.86 min Scan# 2477

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

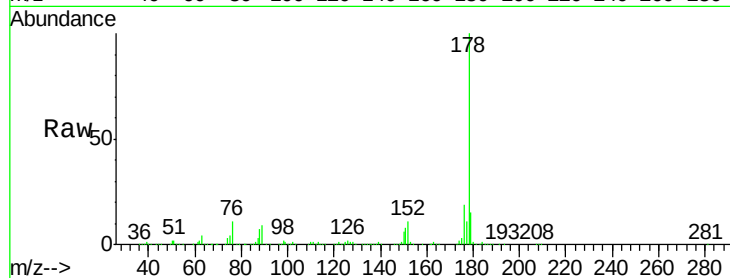
Tot Ion:178 Resp: 1854839

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

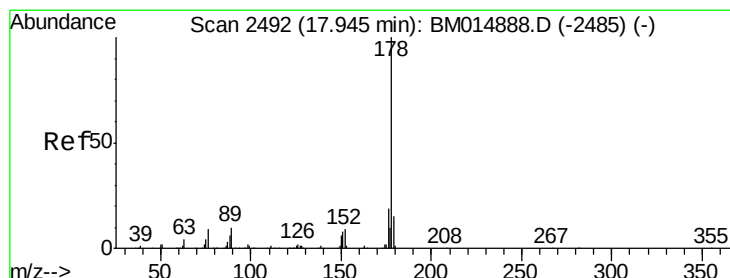
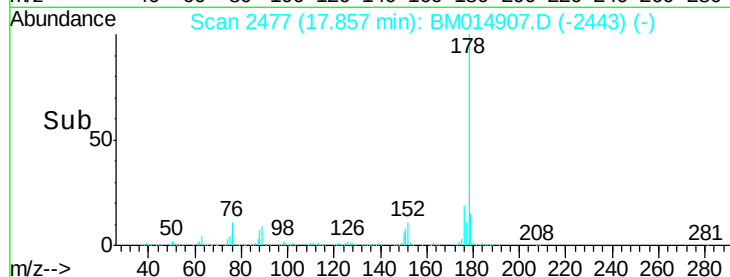
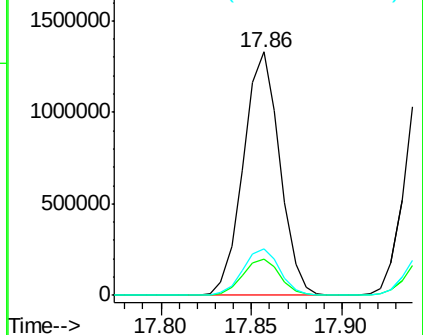
176 19.1 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.186 ng/ul

RT: 17.94 min Scan# 2492

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

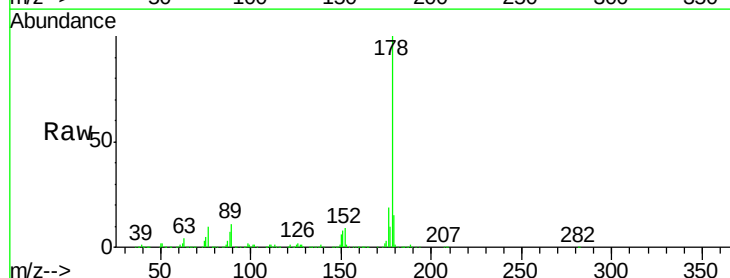
Tgt Ion:178 Resp: 1890190

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

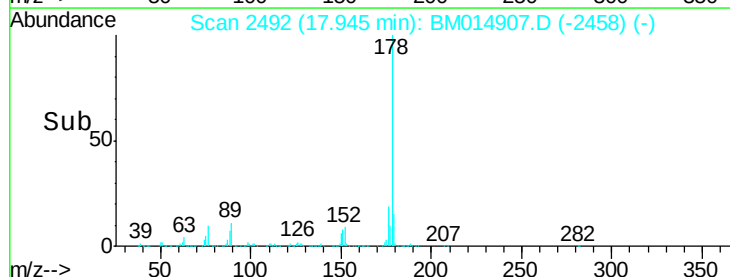
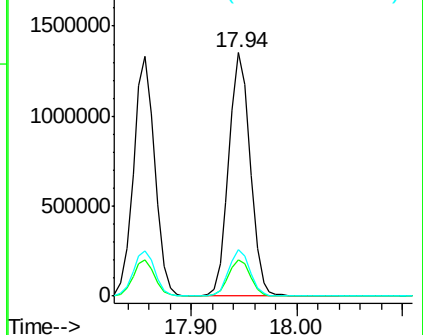
176 18.8 14.6 21.8

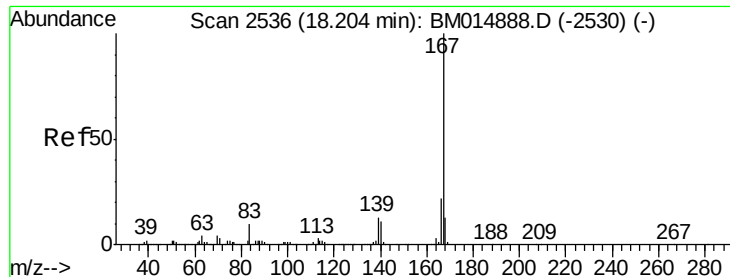


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

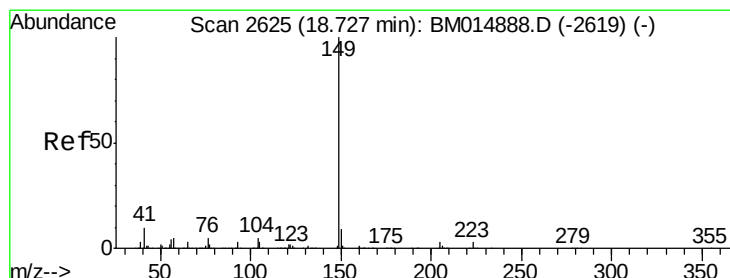
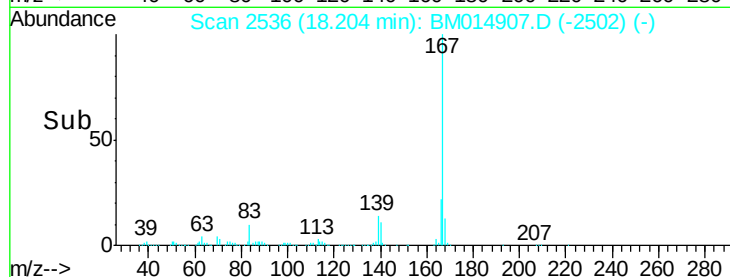
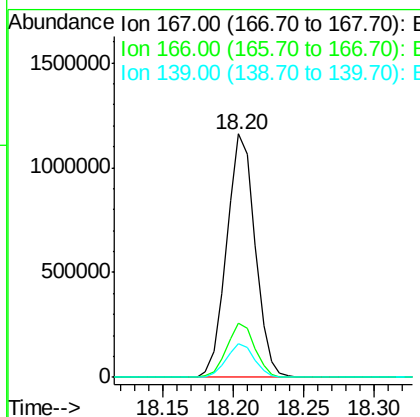
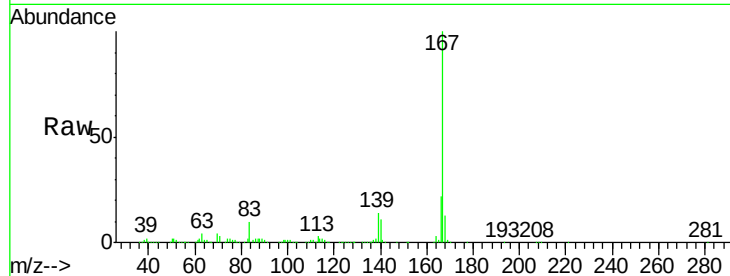




#72
 Carbazole
 Concen: 20.360 ng/ul
 RT: 18.20 min Scan# 2536
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

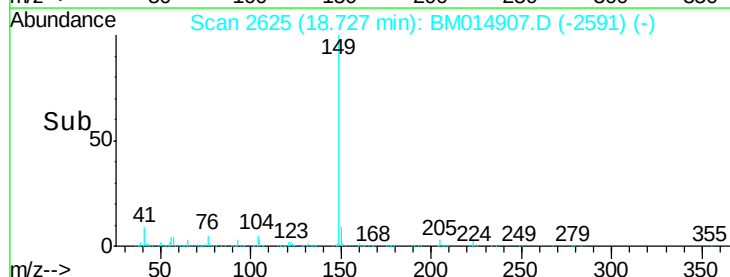
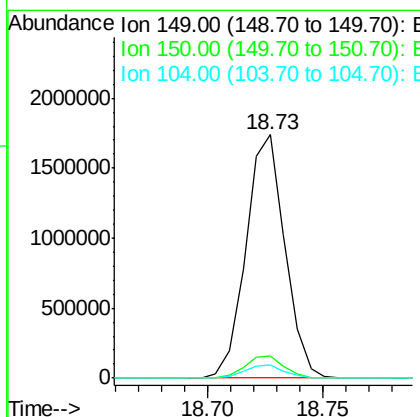
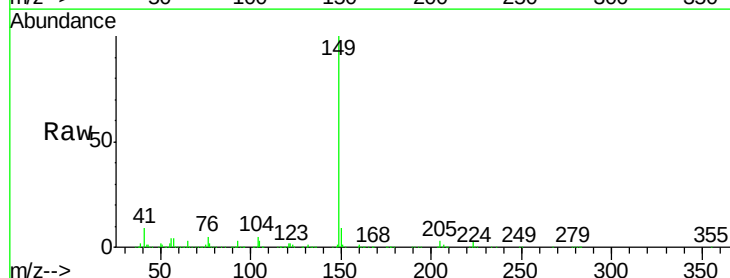
Instrument :
 BNA_M
 ClientSampleId :

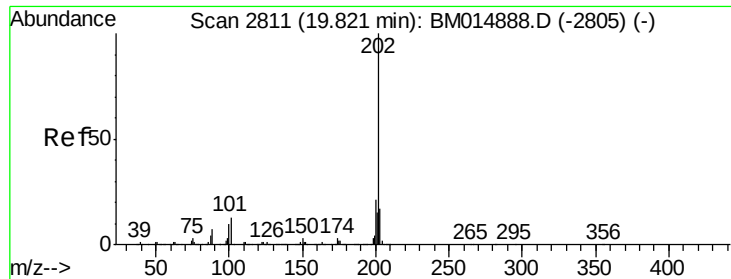
Tot Ion:167 Resp: 1626424
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.1 25.7
 139 13.7 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 21.056 ng/ul
 RT: 18.73 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion:149 Resp: 2045352
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.1 10.7
 104 5.2 5.6 8.4#

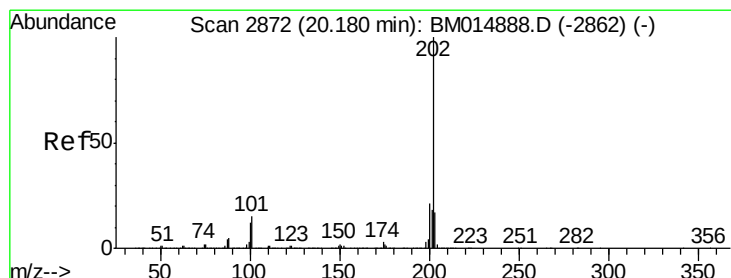
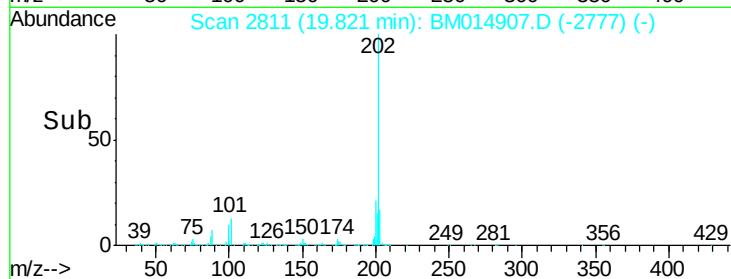
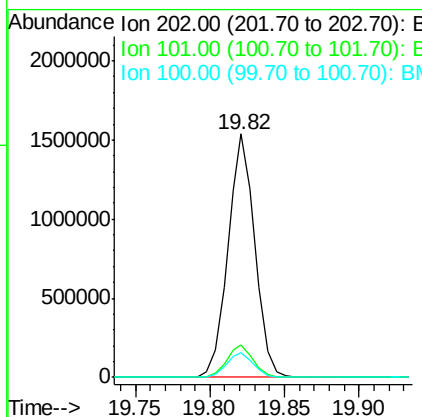
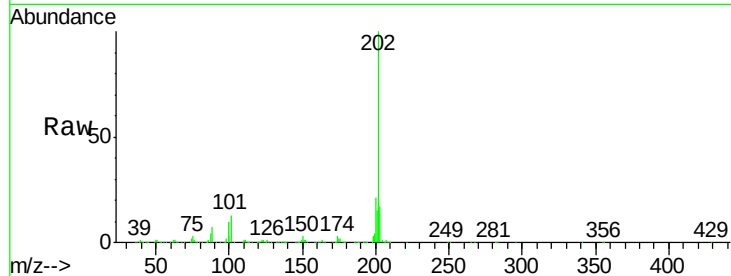




#74
 Fluoranthene
 Concen: 19.240 ng/ul
 RT: 19.82 min Scan# 2811
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

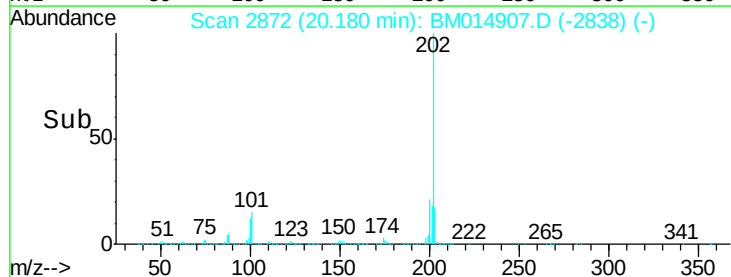
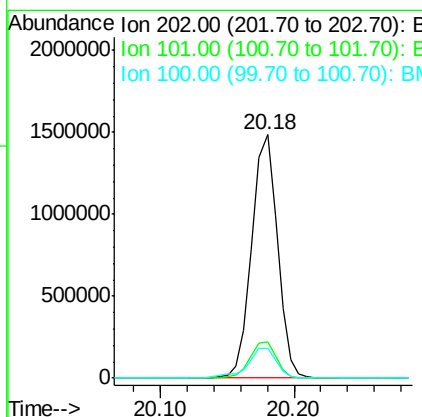
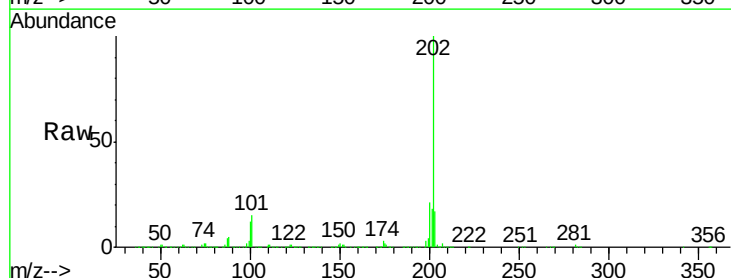
Instrument :
 BNA_M
 ClientSampleId :

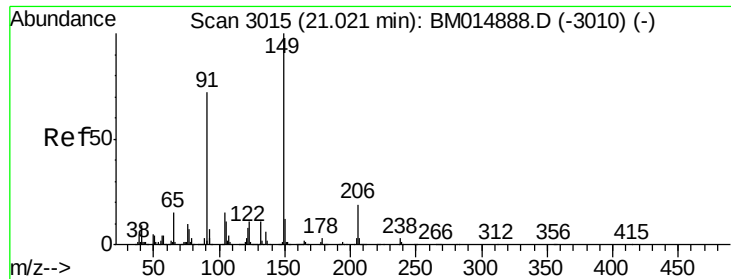
Tot Ion:202 Resp: 1935418
 Ion Ratio Lower Upper
 202 100
 101 13.2 4.6 7.0#
 100 10.1 3.4 5.2#



#77
 Pyrene
 Concen: 21.731 ng/ul
 RT: 20.18 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: BM014907.D
 Acq: 02 May 2018 04:18

Tgt Ion:202 Resp: 1973336
 Ion Ratio Lower Upper
 202 100
 101 14.9 5.1 7.7#
 100 12.5 4.9 7.3#

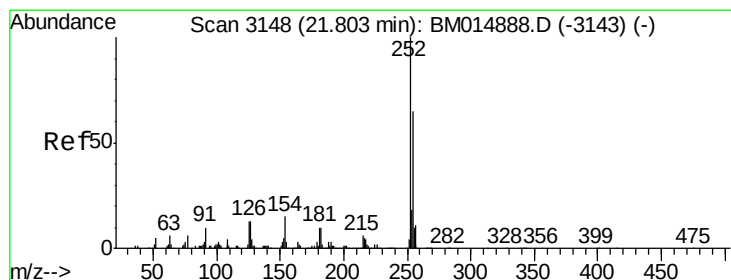
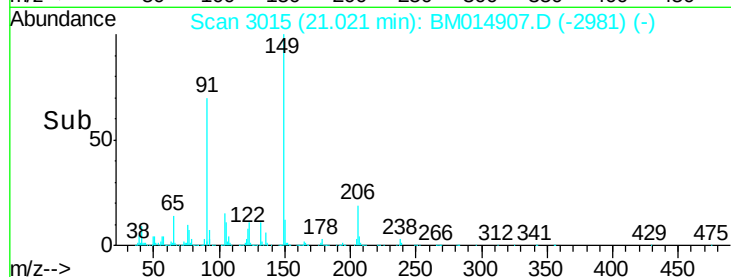
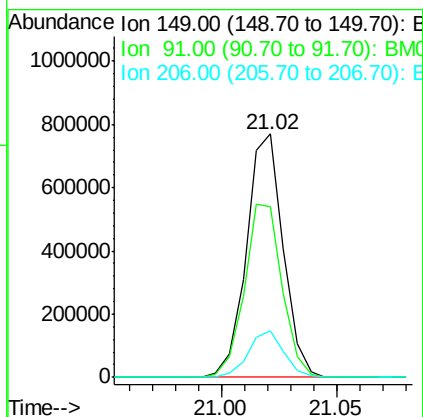
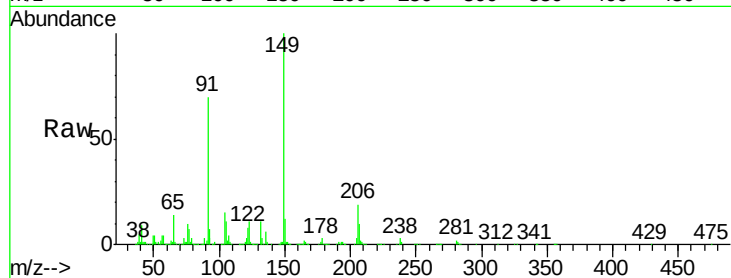




#78
Butylbenzylphthalate
Concen: 22.946 ng/ul
RT: 21.02 min Scan# 3015
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

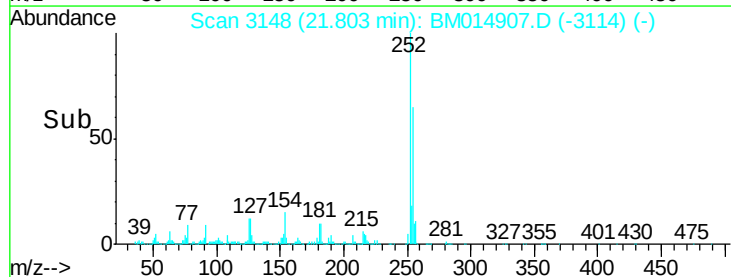
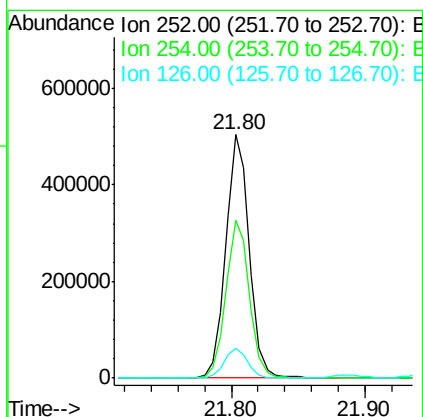
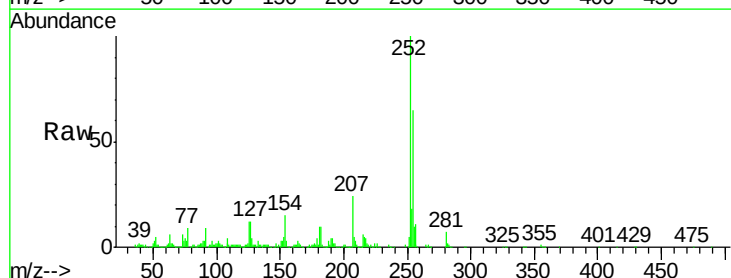
Instrument :
BNA_M
ClientSampleId :

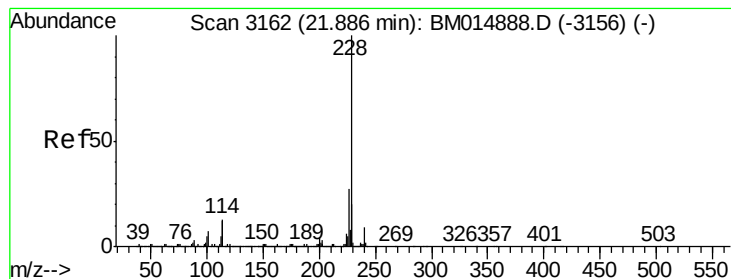
Tot Ion:149 Resp: 850081
Ion Ratio Lower Upper
149 100
91 70.3 62.7 94.1
206 19.0 20.8 31.2#



#79
3,3'-Dichlorobenzidine
Concen: 20.916 ng/ul
RT: 21.80 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BM014907.D
Acq: 02 May 2018 04:18

Tgt Ion:252 Resp: 620181
Ion Ratio Lower Upper
252 100
254 64.7 54.5 81.7
126 12.5 5.8 8.8#





#80

Benzo(a)anthracene

Concen: 20.234 ng/ul

RT: 21.89 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

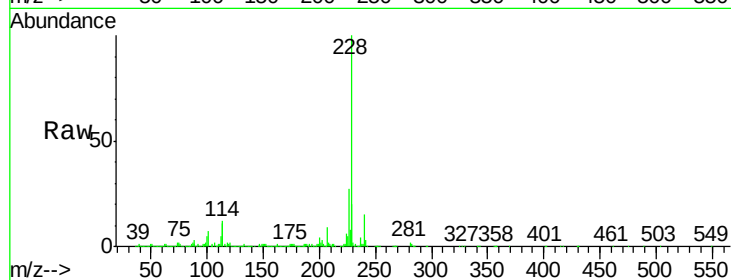
Tot Ion:228 Resp: 1838939

Ion Ratio Lower Upper

228 100

229 19.6 15.4 23.0

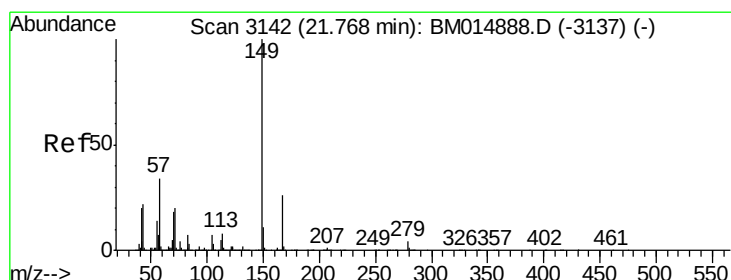
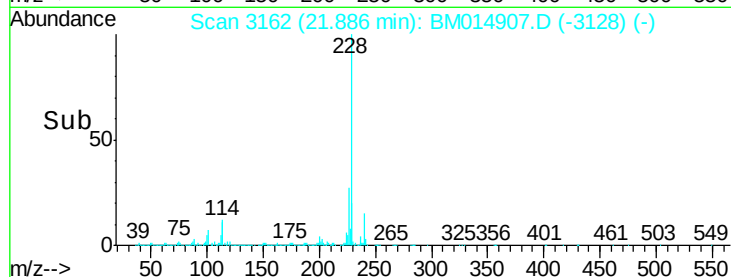
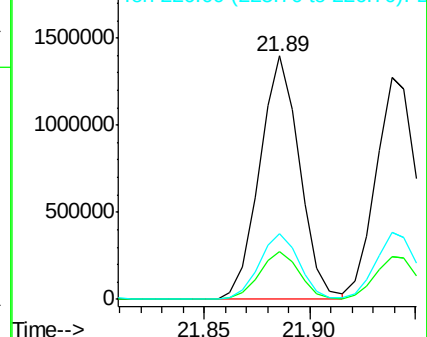
226 26.9 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.126 ng/ul

RT: 21.77 min Scan# 3142

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

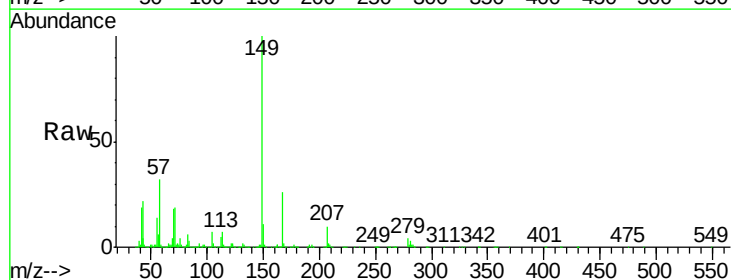
Tgt Ion:149 Resp: 1203148

Ion Ratio Lower Upper

149 100

167 25.8 22.8 34.2

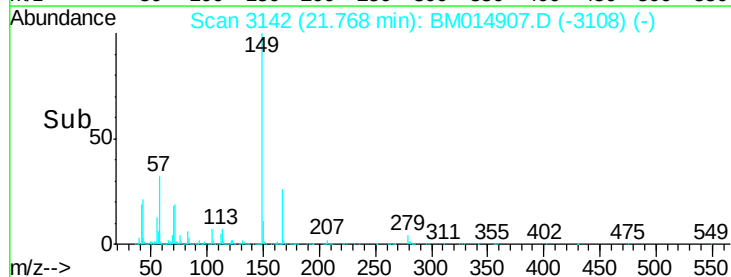
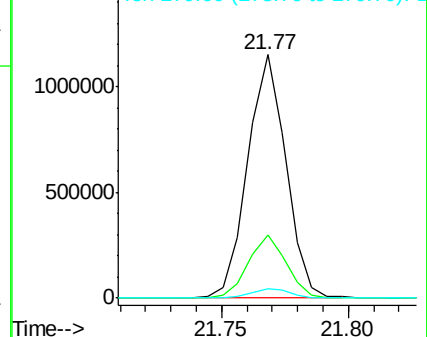
279 4.1 4.9 7.3#

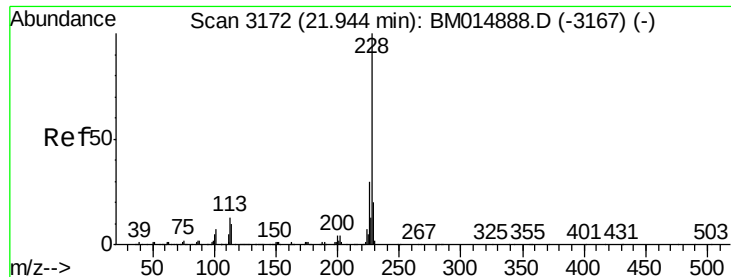


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 20.049 ng/ul

RT: 21.94 min Scan# 3171

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

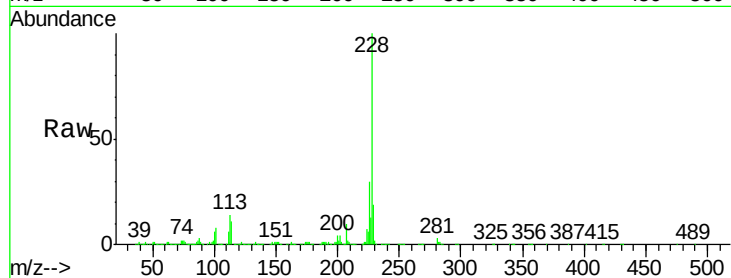
Tot Ion:228 Resp: 1705816

Ion Ratio Lower Upper

228 100

226 30.0 23.4 35.2

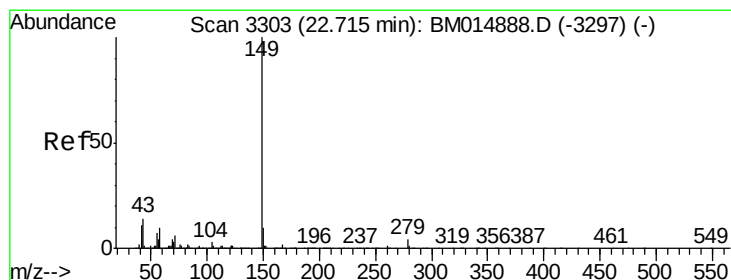
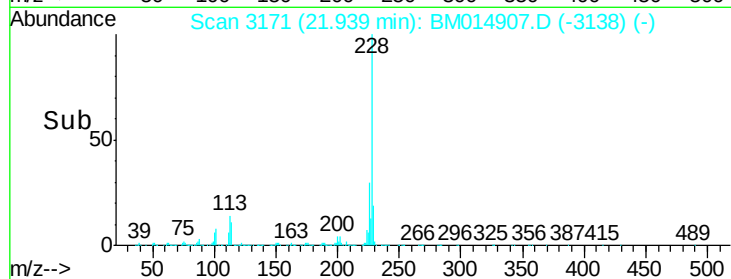
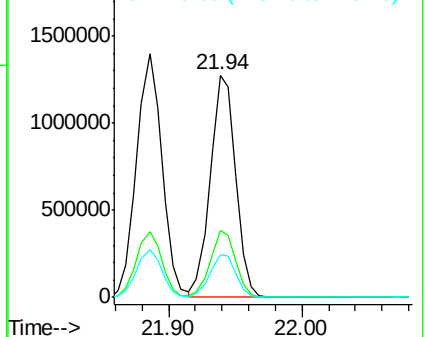
229 19.4 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 22.091 ng/ul

RT: 22.72 min Scan# 3303

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

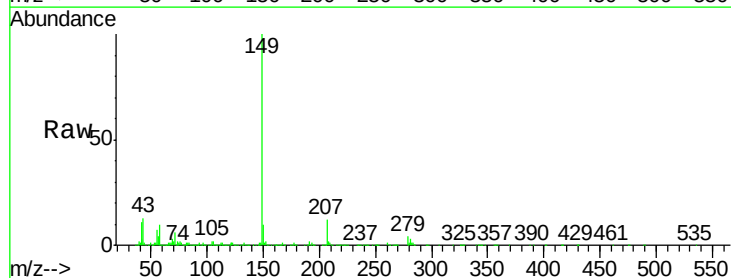
Tgt Ion:149 Resp: 1907142

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

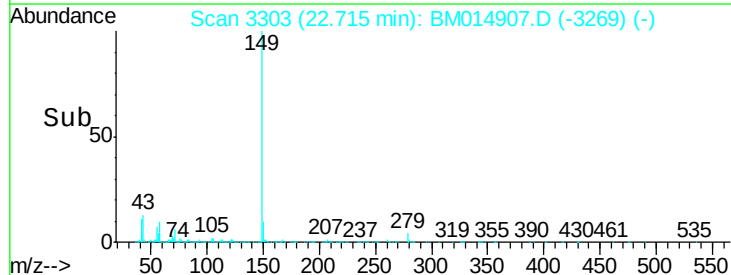
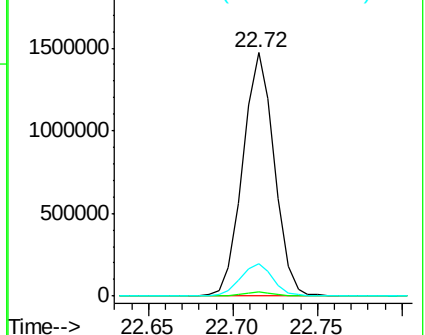
43 13.4 7.3 10.9#

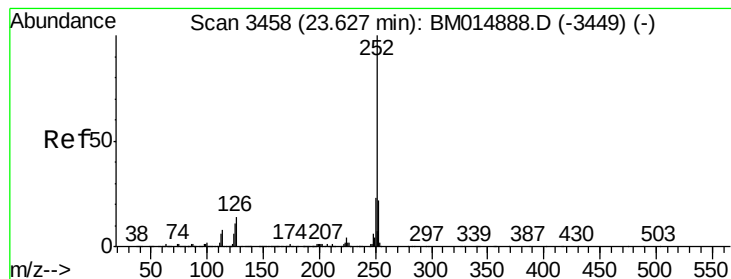


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Benzo(b)fluoranthene

Concen: 19.794 ng/ul

RT: 23.62 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampled :

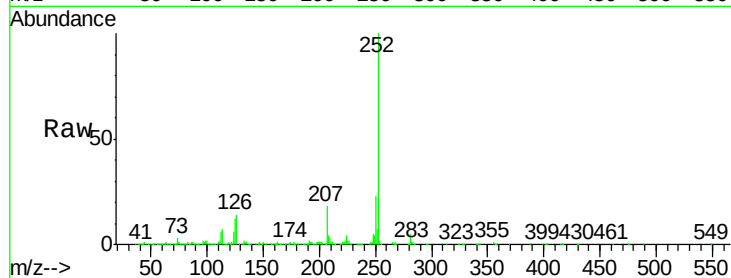
Tot Ion:252 Resp: 1751428

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

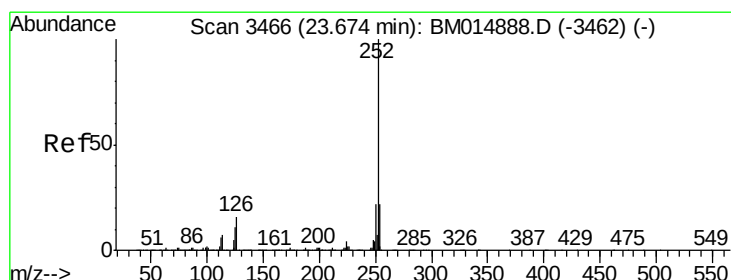
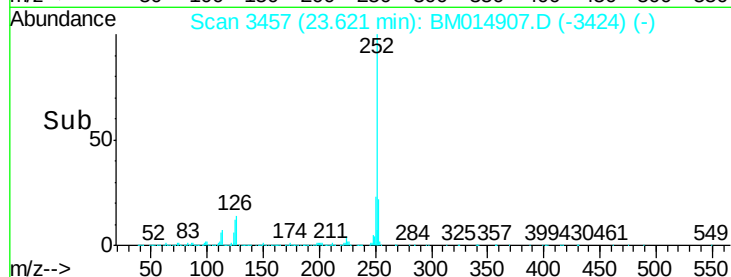
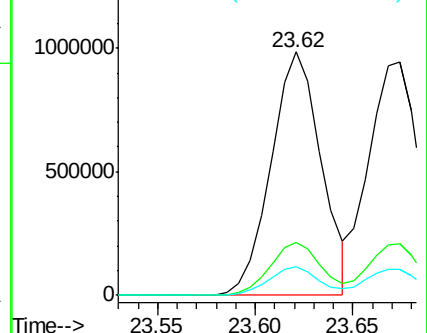
125 11.7 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.283 ng/ul

RT: 23.67 min Scan# 3466

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

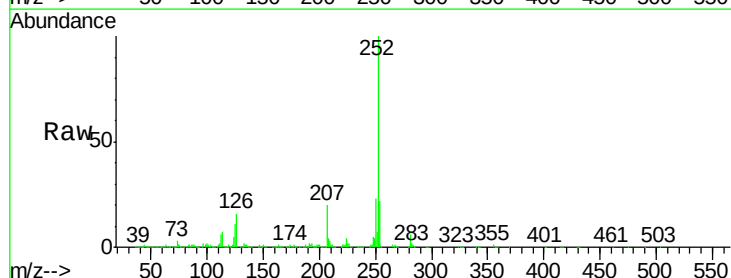
Tgt Ion:252 Resp: 1725817

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

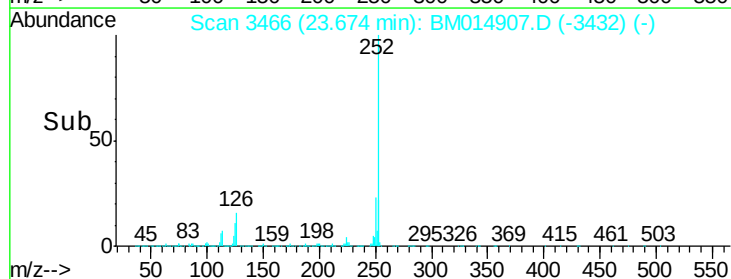
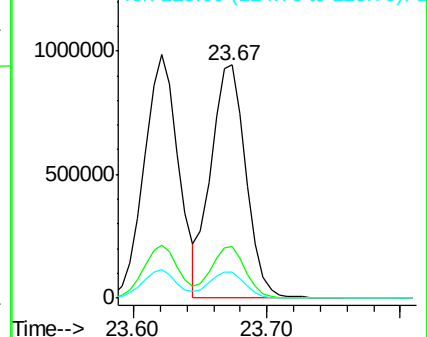
125 11.3 3.4 5.2#

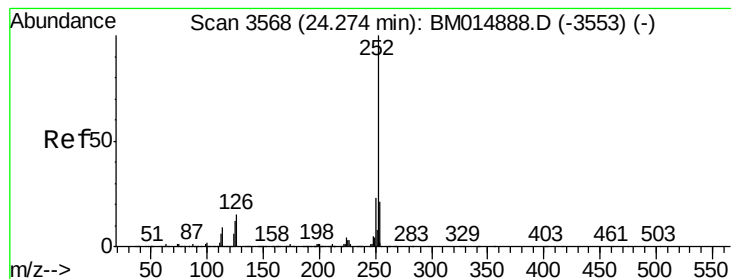


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.709 ng/ul

RT: 24.27 min Scan# 3568

Delta R.T. 0.00 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampled :

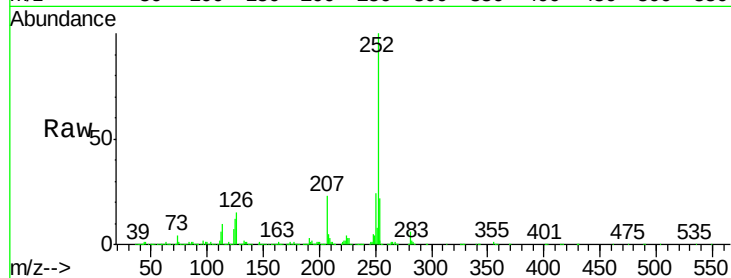
Tot Ion:252 Resp: 1654230

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.2
125	12.1	4.0	6.0

252 100

253 21.8 18.2 27.2

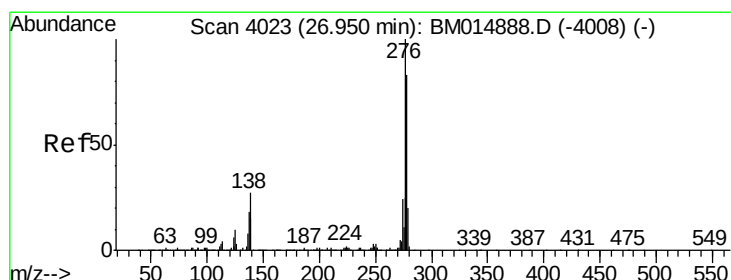
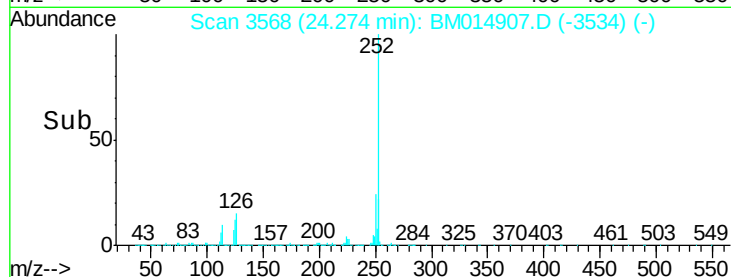
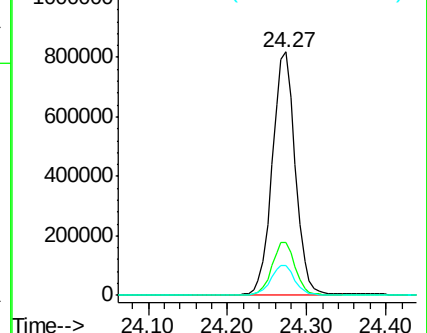
125 12.1 4.0 6.0



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: 19.357 ng/ul

RT: 26.94 min Scan# 4022

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

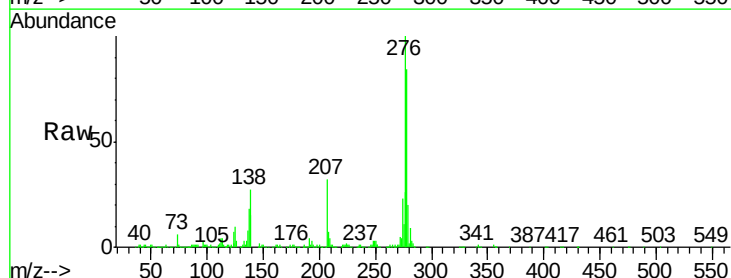
Tgt Ion:276 Resp: 1965450

Ion	Ratio	Lower	Upper
276	100		
138	27.1	9.3	13.9
277	25.8	19.9	29.9

276 100

138 27.1 9.3 13.9

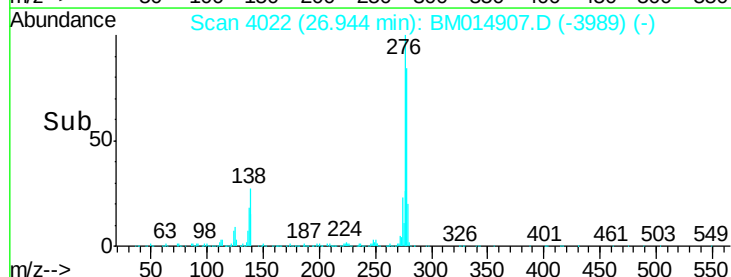
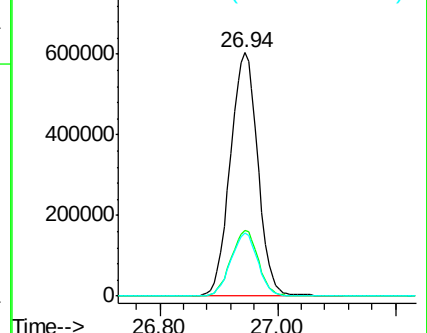
277 25.8 19.9 29.9

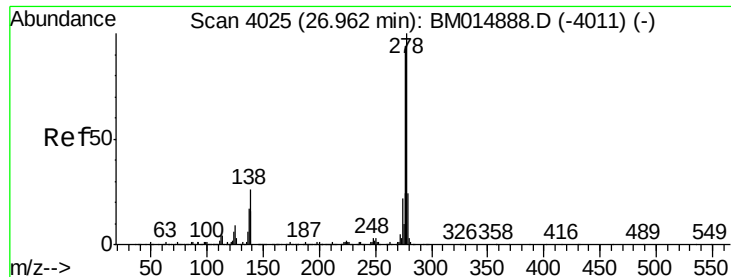


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.468 ng/ul

RT: 26.96 min Scan# 4024

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

Instrument :

BNA_M

ClientSampleId :

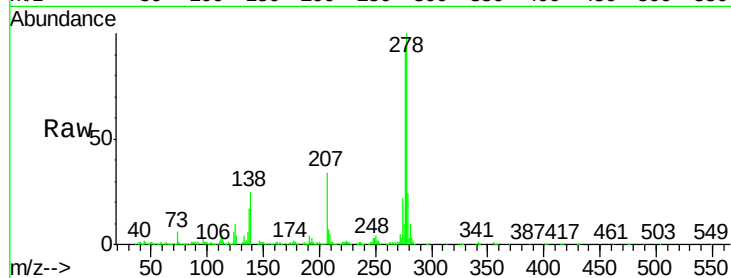
Tot Ion:278 Resp: 1664383

Ion Ratio Lower Upper

278 100

139 16.8 5.8 8.8#

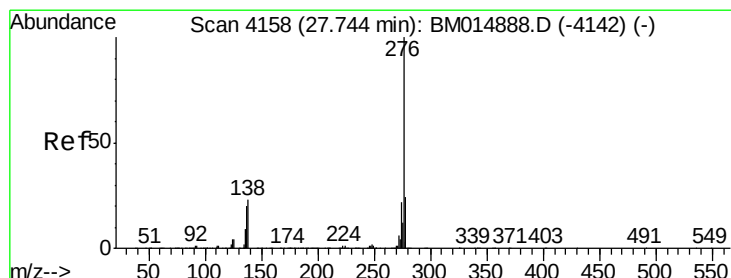
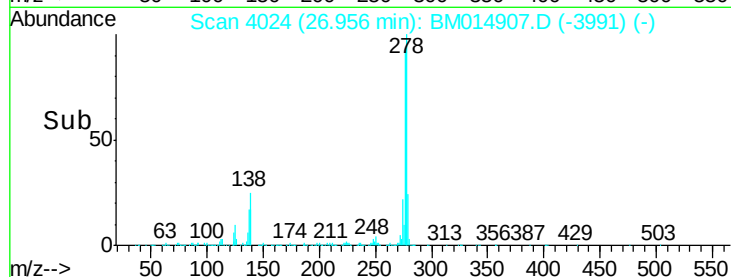
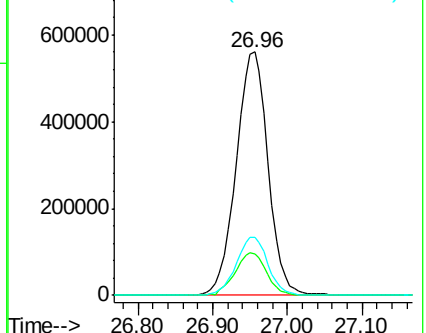
279 23.8 18.6 27.8



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: 19.070 ng/ul

RT: 27.74 min Scan# 4157

Delta R.T. -0.01 min

Lab File: BM014907.D

Acq: 02 May 2018 04:18

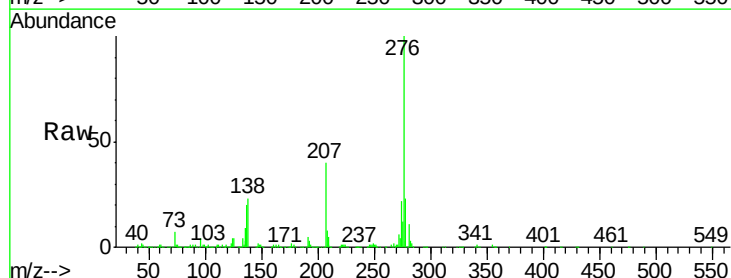
Tgt Ion:276 Resp: 1592962

Ion Ratio Lower Upper

276 100

138 22.8 8.5 12.7#

277 23.2 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

