

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
 Data File : BM014773.D
 Acq On : 20 Apr 2018 21:07
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

Quant Time: Apr 20 23:56:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 20 23:53:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	355760	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1502416	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.14	164	796299	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1656730	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1588461	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1682189	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.68	96	58022	7.12	ng/uL	0.00
5) Phenol-d5	7.66	99	568703	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	360796	20.46	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	465013	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	454841	20.74	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	218497	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	222859	20.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	435206	19.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	574527	26.48	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1187874	19.11	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1519146	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	219786	19.05	ng/ul	0.00
57) Fluorene-d10	16.12	176	1016314	18.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	119436	13.32	ng/ul	0.00
70) Anthracene-d10	17.95	188	1498161	19.40	ng/ul	0.00
76) Pyrene-d10	20.19	212	1520596	20.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.28	264	1578711	19.10	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.72	88	62871	7.334	ng/uL#	77
4) Benzaldehyde	7.66	77	354695	24.517	ng/ul	89
6) Phenol	7.69	94	555804	20.540	ng/ul#	79
8) Bis(2-Chloroethyl)ether	7.94	93	437960	20.241	ng/ul	89
10) 2-Chlorophenol	8.10	128	455117	20.087	ng/ul	98
11) 2-Methylphenol	8.97	108	412837	20.756	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.07	45	834299	20.857	ng/ul	96
14) Acetophenone	9.38	105	665472	20.706	ng/ul	88
15) N-Nitroso-di-n-propylamine	9.35	70	351425	21.071	ng/ul#	80
16) 4-Methylphenol	9.30	108	446224	20.849	ng/ul	92
17) Hexachloroethane	9.65	117	170669	18.416	ng/ul#	70
20) Nitrobenzene	9.77	77	516641	19.910	ng/ul	93
21) Isophorone	10.29	82	910601	20.520	ng/ul#	93
23) 2-Nitrophenol	10.49	139	244067	20.769	ng/ul#	74
24) 2,4-Dimethylphenol	10.53	107	489275	19.707	ng/ul#	81
25) Bis(2-Chloroethoxy)methane	10.77	93	576823	19.336	ng/ul	93
27) 2,4-Dichlorophenol	11.02	162	408647	19.473	ng/ul#	88
28) Naphthalene	11.44	128	1397205	19.084	ng/ul	100
30) 4-Chloroaniline	11.53	127	543562	25.812	ng/ul	94
31) Hexachlorobutadiene	11.71	225	247413	18.322	ng/ul	95
32) Caprolactam	12.29	113	127870	21.149	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.62	107	430363	20.274	ng/ul	93
34) 2-Methylnaphthalene	13.01	142	976630	19.209	ng/ul	96

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Instrument :
 BNA_M
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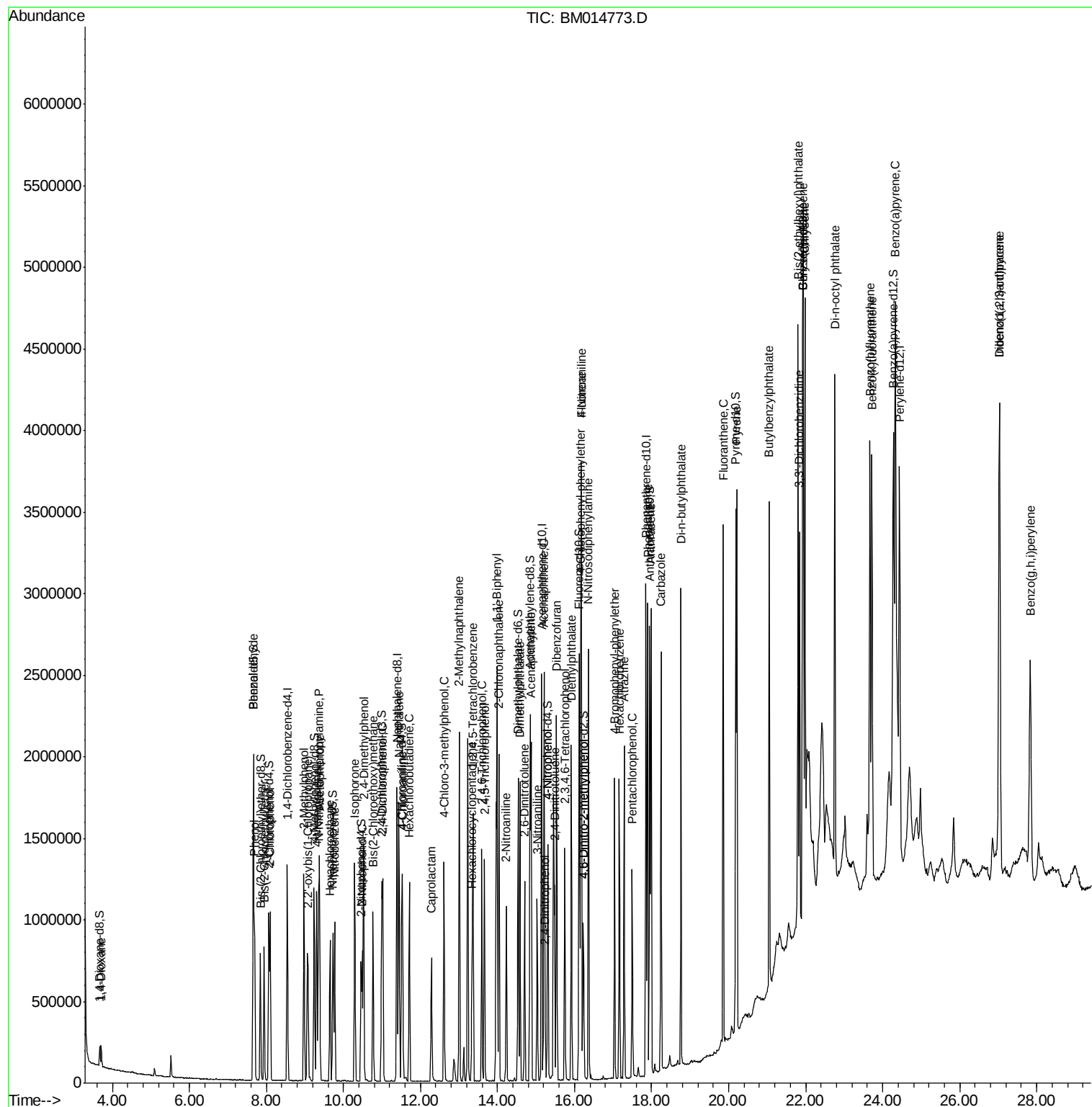
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.36	216	471873	18.903	ng/ul#	97
37) Hexachlorocyclopentadiene	13.34	237	207774	12.082	ng/ul	99
38) 2,4,6-Trichlorophenol	13.59	196	310644	20.148	ng/ul	96
39) 2,4,5-Trichlorophenol	13.66	196	327389	19.880	ng/ul	98
40) 1,1'-Biphenyl	13.99	154	1234435	19.278	ng/ul#	98
41) 2-Chloronaphthalene	14.04	162	962855	19.363	ng/ul	98
42) 2-Nitroaniline	14.23	65	285484	21.695	ng/ul	95
44) Dimethylphthalate	14.58	163	1141692	19.000	ng/ul	99
45) 2,6-Dinitrotoluene	14.71	165	224296	20.352	ng/ul	87
47) Acenaphthylene	14.87	152	1462926	19.672	ng/ul	99
48) 3-Nitroaniline	15.03	138	249606	23.016	ng/ul	88
49) Acenaphthene	15.21	153	1025106	19.397	ng/ul	98
50) 2,4-Dinitrophenol	15.23	184	74900	12.240	ng/ul#	80
52) 4-Nitrophenol	15.31	109	159406	19.173	ng/ul#	81
53) Dibenzofuran	15.53	168	1394675	19.004	ng/ul	98
54) 2,4-Dinitrotoluene	15.48	165	321755	19.815	ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.75	232	271344	19.419	ng/ul#	87
56) Diethylphthalate	15.92	149	1149350	19.002	ng/ul	94
58) Fluorene	16.17	166	1110618	18.742	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.16	204	549687	18.532	ng/ul	96
60) 4-Nitroaniline	16.18	138	269969	21.339	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.23	198	125679	13.492	ng/ul	94
64) N-Nitrosodiphenylamine	16.36	169	951055	19.795	ng/ul	99
65) 4-Bromophenyl-phenylether	17.04	248	333538	19.062	ng/ul	94
66) Hexachlorobenzene	17.16	284	388374	19.104	ng/ul#	92
67) Atrazine	17.29	200	320644	20.900	ng/ul	94
68) Pentachlorophenol	17.50	266	211180	18.265	ng/ul	98
69) Phenanthrene	17.90	178	1685585	18.945	ng/ul	99
71) Anthracene	17.99	178	1735244	19.217	ng/ul	99
72) Carbazole	18.24	167	1519936	19.732	ng/ul	99
73) Di-n-butylphthalate	18.76	149	1921189	20.510	ng/ul#	97
74) Fluoranthene	19.86	202	1858806	19.162	ng/ul#	83
77) Pyrene	20.22	202	1856838	20.007	ng/ul#	79
78) Butylbenzylphthalate	21.05	149	859992	22.713	ng/ul#	91
79) 3,3'-Dichlorobenzidine	21.84	252	672843	22.202	ng/ul#	94
80) Benzo(a)anthracene	21.92	228	1824725	19.644	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.80	149	1236350	22.245	ng/ul#	97
82) Chrysene	21.98	228	1702368	19.577	ng/ul	99
84) Di-n-octyl phthalate	22.76	149	2064970	21.343	ng/ul#	93
85) Benzo(b)fluoranthene	23.67	252	1853140	18.688	ng/ul#	96
86) Benzo(k)fluoranthene	23.72	252	1772541	18.589	ng/ul#	95
88) Benzo(a)pyrene	24.33	252	1805787	19.197	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.03	276	2168033	19.052	ng/ul#	87
90) Dibenzo(a,h)anthracene	27.04	278	1834369	19.145	ng/ul#	93
91) Benzo(g,h,i)perylene	27.83	276	1785554	19.073	ng/ul#	89

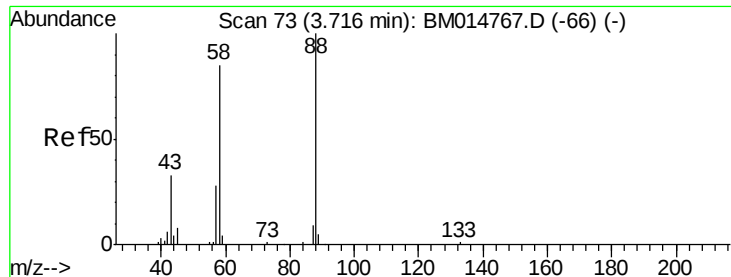
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
BNA_M
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#2

1,4-Dioxane

Concen: 7.334 ng/uL

RT: 3.72 min Scan# 73

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

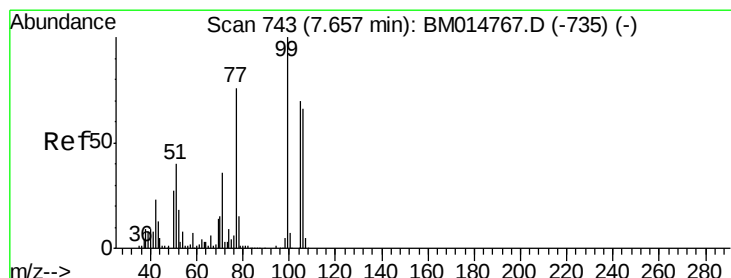
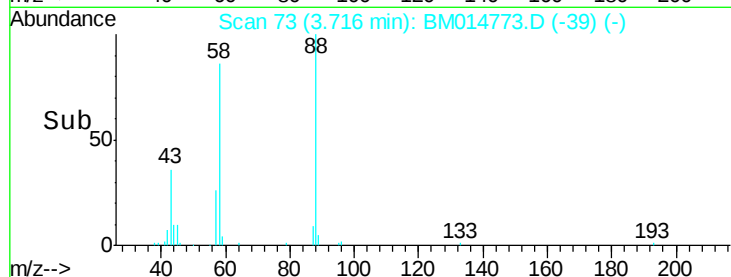
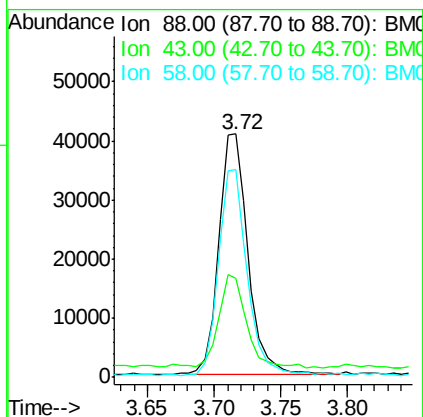
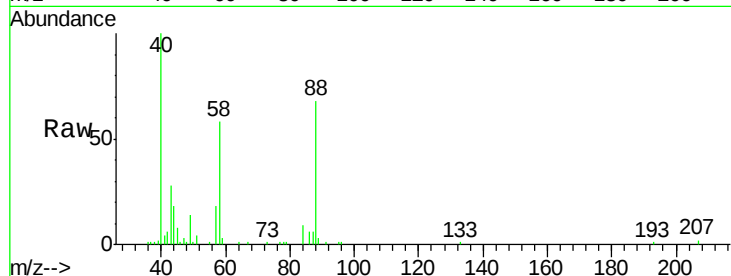
Tot Ion: 88 Resp: 62871

Ion Ratio Lower Upper

88 100

43 36.1 48.0 72.0#

58 82.6 80.0 120.0



#4

Benzaldehyde

Concen: 24.517 ng/uL

RT: 7.66 min Scan# 743

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

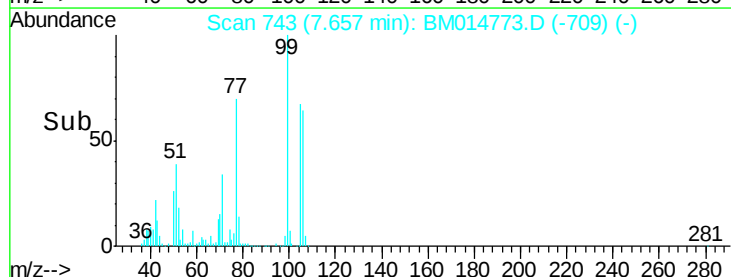
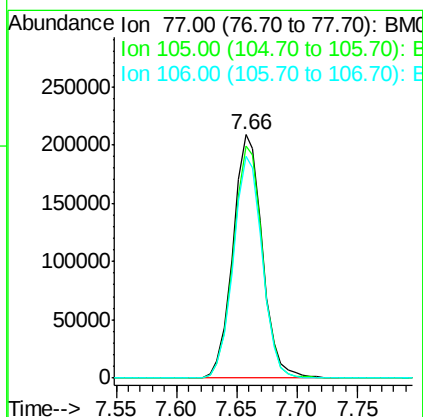
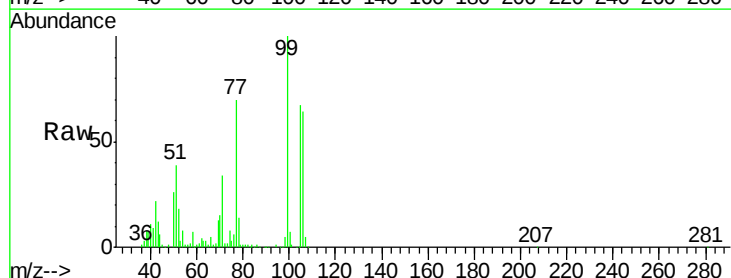
Tgt Ion: 77 Resp: 354695

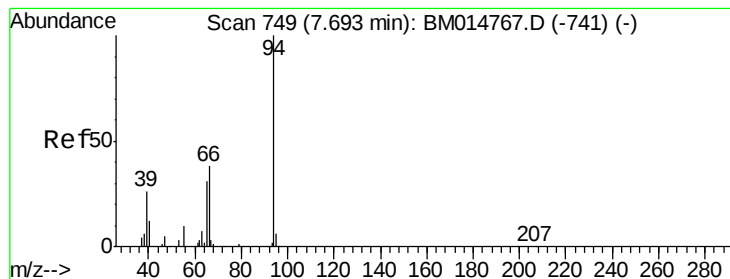
Ion Ratio Lower Upper

77 100

105 95.5 66.1 99.1

106 91.4 67.8 101.6





#6

Phenol

Concen: 20.540 ng/ul

RT: 7.69 min Scan# 749

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

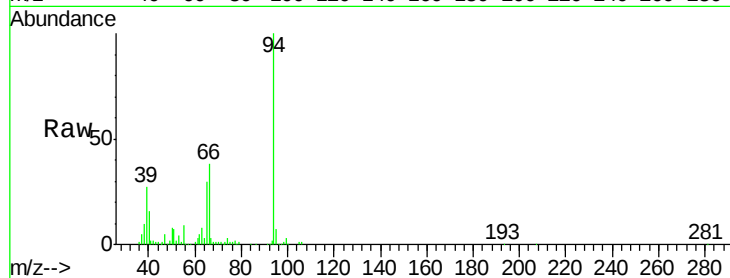
Tot Ion: 94 Resp: 555804

Ion Ratio Lower Upper

94 100

65 30.1 28.2 42.4

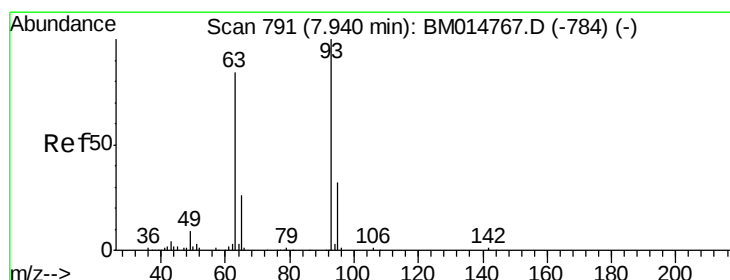
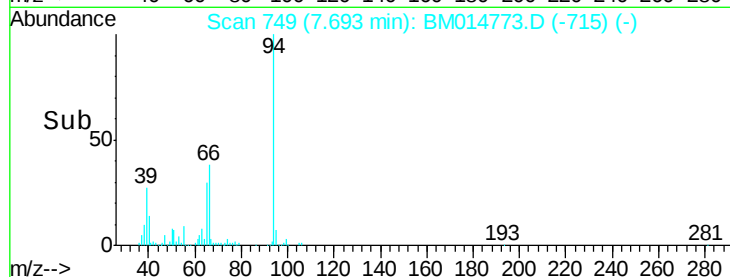
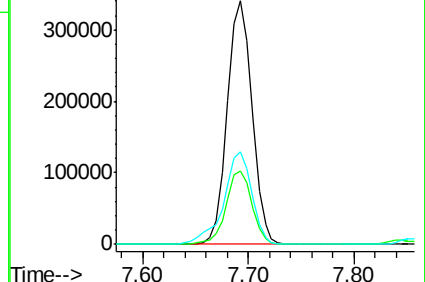
66 37.8 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014773.D (-715) (-)

Ion 65.00 (64.70 to 65.70): BM014773.D (-715) (-)

Ion 66.00 (65.70 to 66.70): BM014773.D (-715) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 20.241 ng/ul

RT: 7.94 min Scan# 791

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

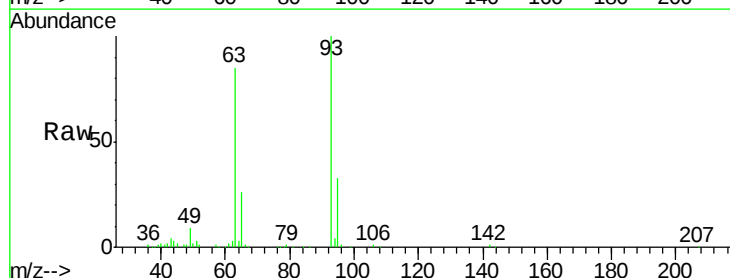
Tgt Ion: 93 Resp: 437960

Ion Ratio Lower Upper

93 100

63 85.1 57.3 85.9

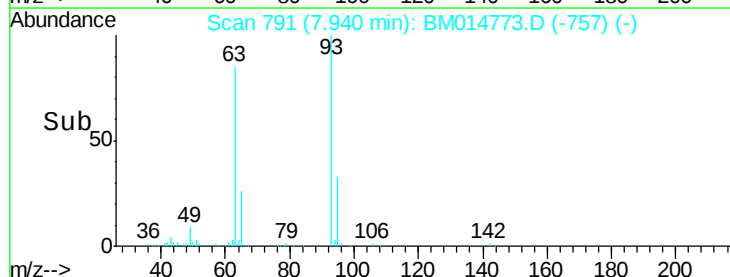
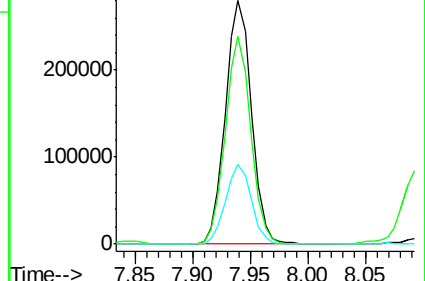
95 33.0 26.6 39.8

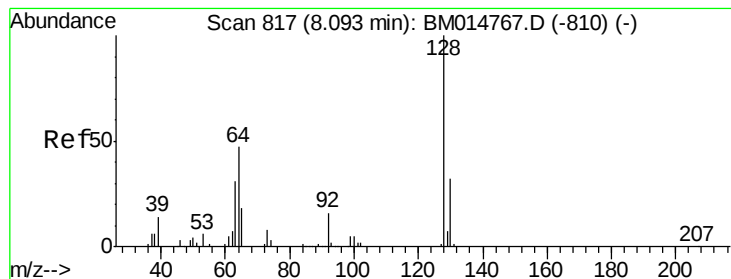


Abundance Ion 93.00 (92.70 to 93.70): BM014773.D (-757) (-)

Ion 63.00 (62.70 to 63.70): BM014773.D (-757) (-)

Ion 95.00 (94.70 to 95.70): BM014773.D (-757) (-)





#10

2-Chlorophenol

Concen: 20.087 ng/ul

RT: 8.10 min Scan# 818

Delta R.T. 0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

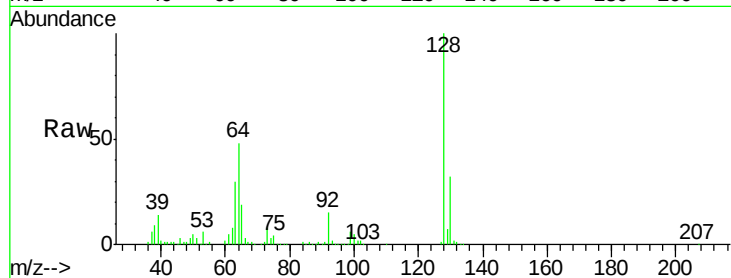
Tot Ion:128 Resp: 455117

Ion Ratio Lower Upper

128 100

64 48.5 38.0 57.0

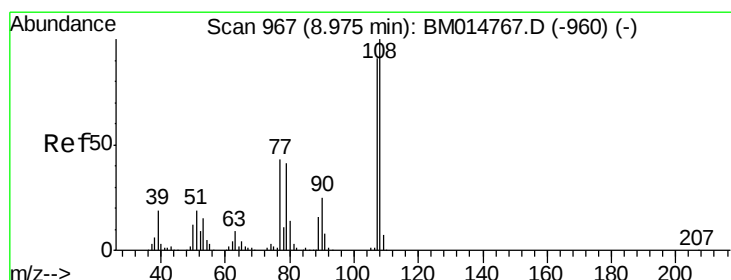
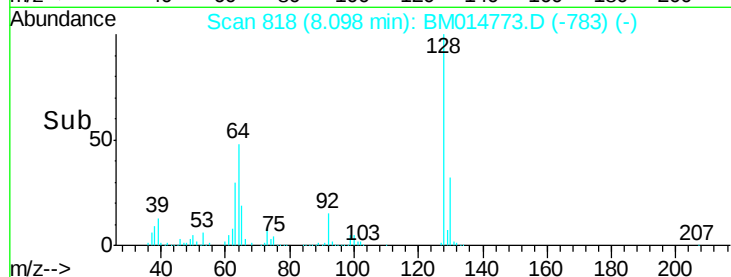
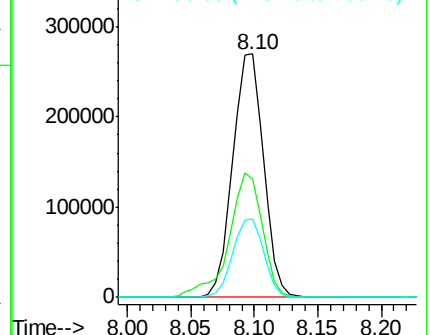
130 32.0 24.4 36.6



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: 20.756 ng/ul

RT: 8.97 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM014773.D

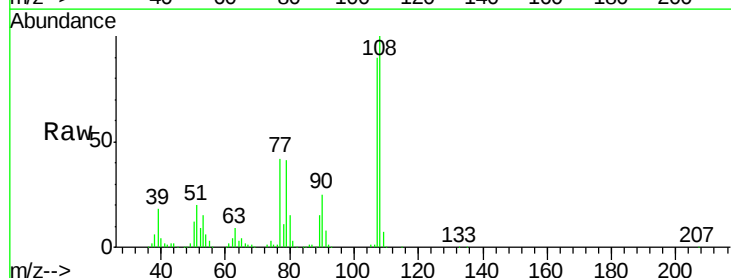
Acq: 20 Apr 2018 21:07

Tgt Ion:108 Resp: 412837

Ion Ratio Lower Upper

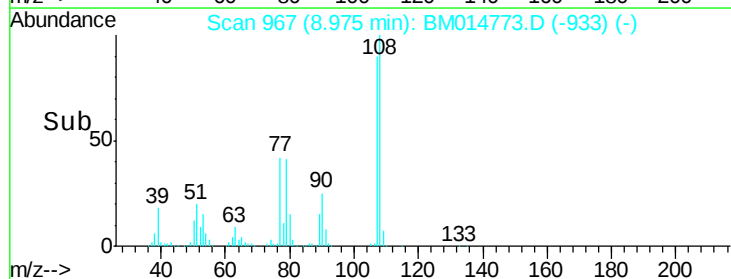
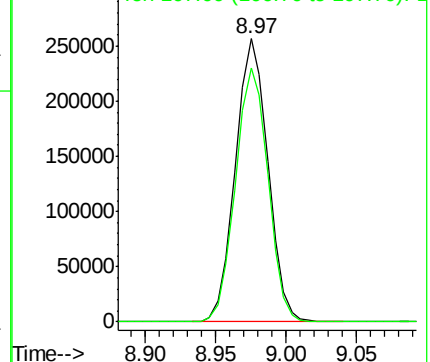
108 100

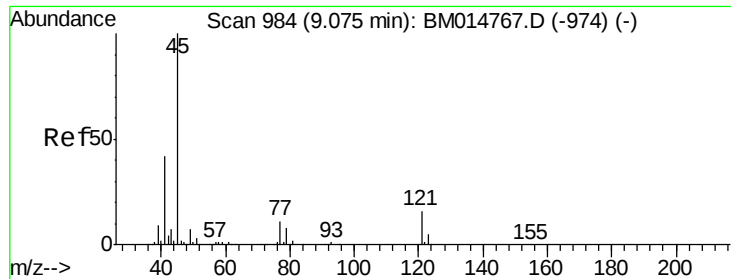
107 89.9 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

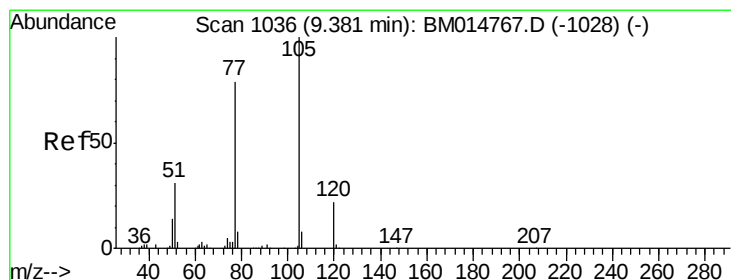
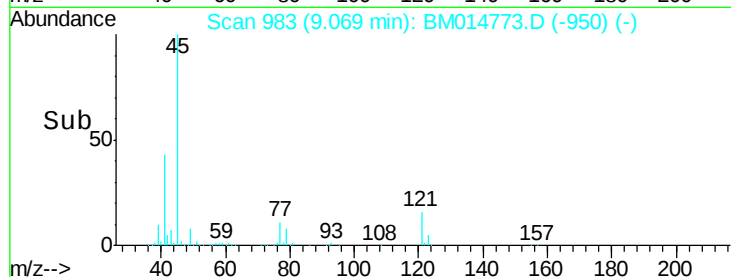
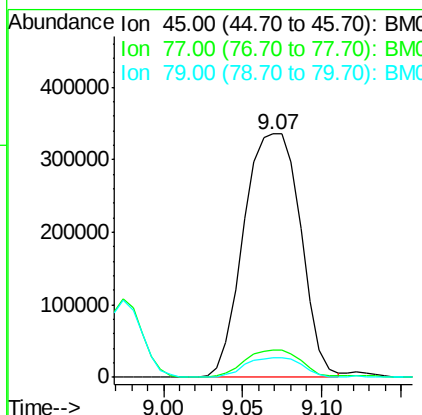
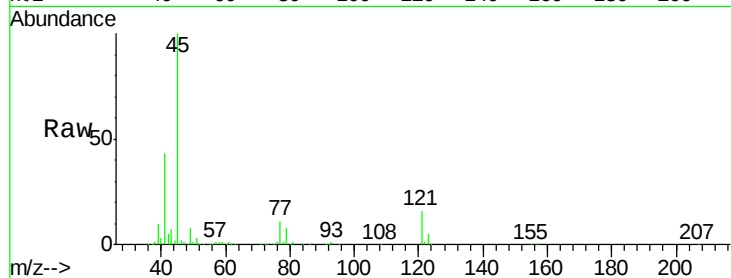




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 20.857 ng/ul
RT: 9.07 min Scan# 983
Delta R.T. -0.01 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

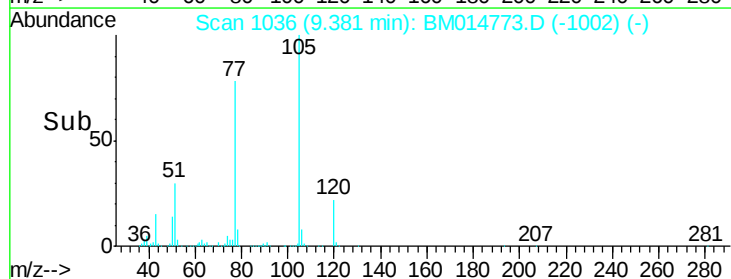
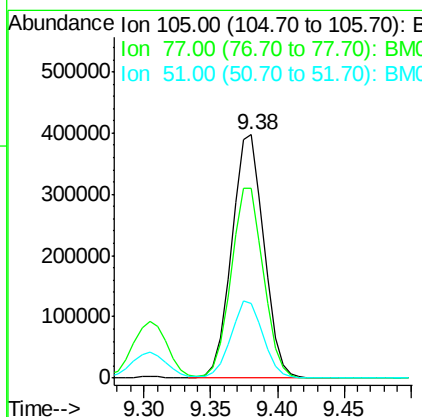
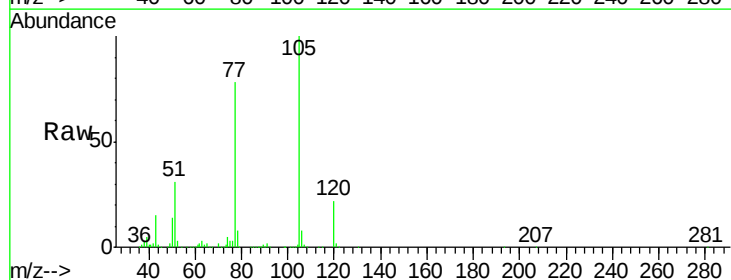
Instrument :
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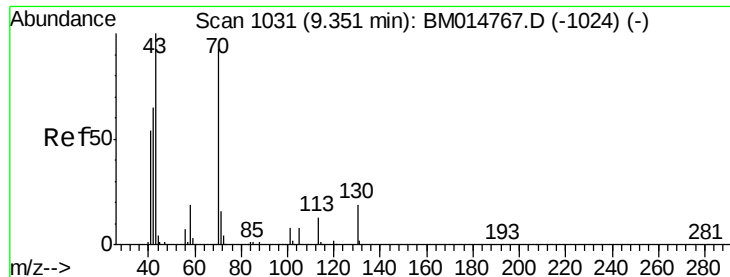
Tot Ion: 45 Resp: 834299
Ion Ratio Lower Upper
45 100
77 11.0 8.0 12.0
79 8.3 8.0 12.0



#14
Acetophenone
Concen: 20.706 ng/ul
RT: 9.38 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion:105 Resp: 665472
Ion Ratio Lower Upper
105 100
77 78.0 74.2 111.4
51 30.6 23.4 35.2

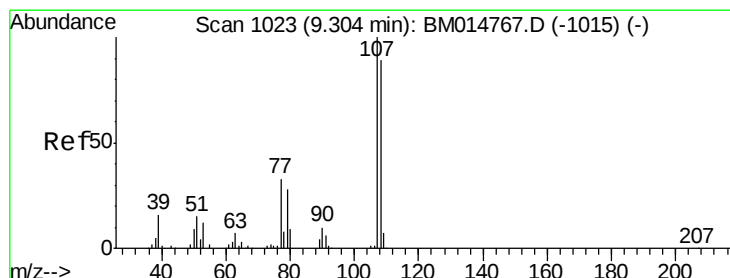
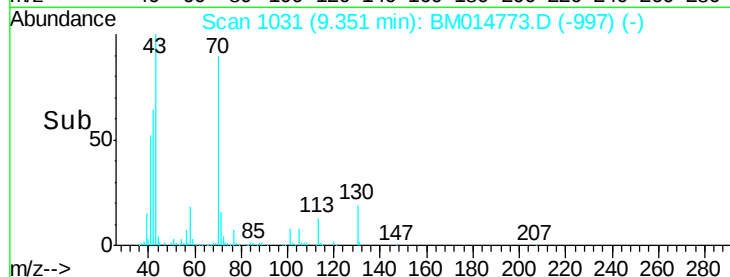
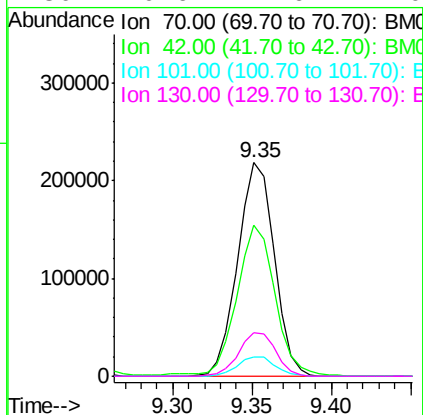
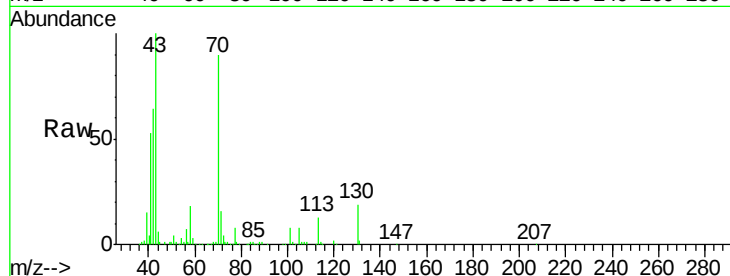




#15
N-Nitroso-di-n-propylamine
Concen: 21.071 ng/ul
RT: 9.35 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

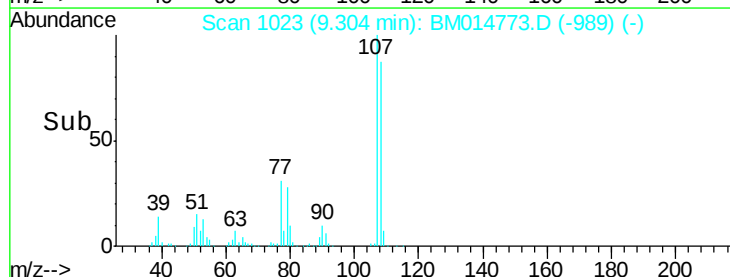
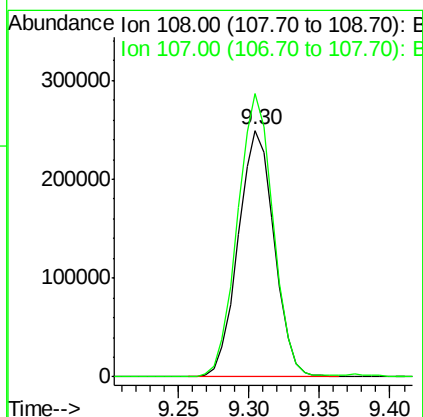
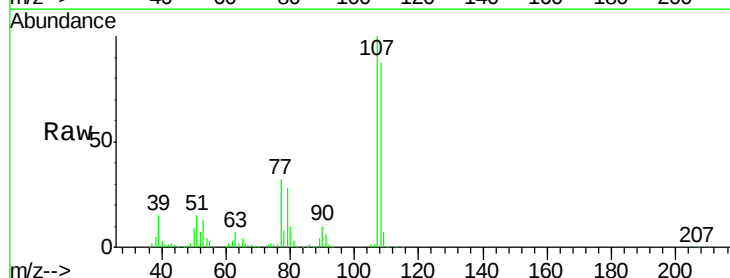
Instrument :
BNA_M
ClientSampleId :
SSTD02092

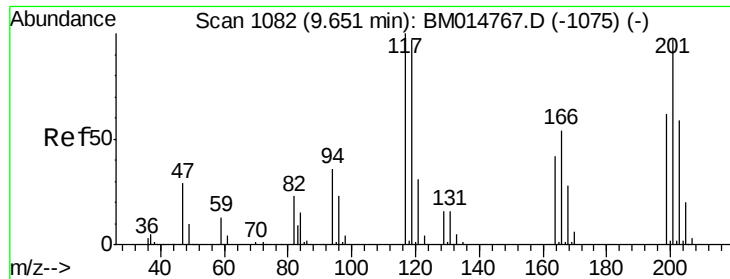
Tot Ion: 70 Resp: 351425
Ion Ratio Lower Upper
70 100
42 70.7 76.0 114.0#
101 9.3 6.7 10.1
130 20.6 14.6 22.0



#16
4-Methylphenol
Concen: 20.849 ng/ul
RT: 9.30 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion: 108 Resp: 446224
Ion Ratio Lower Upper
108 100
107 114.8 84.9 127.3

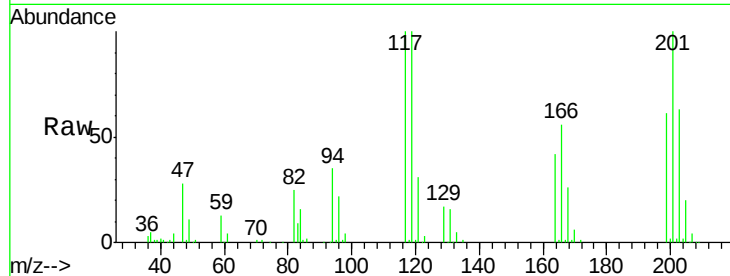




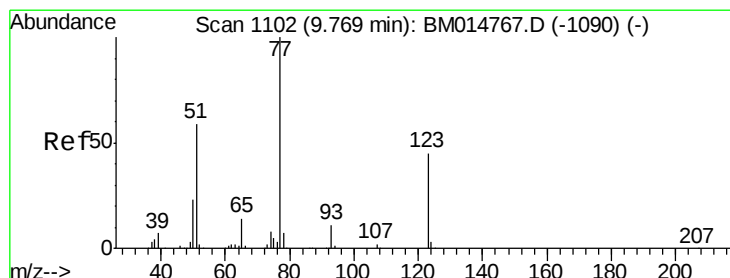
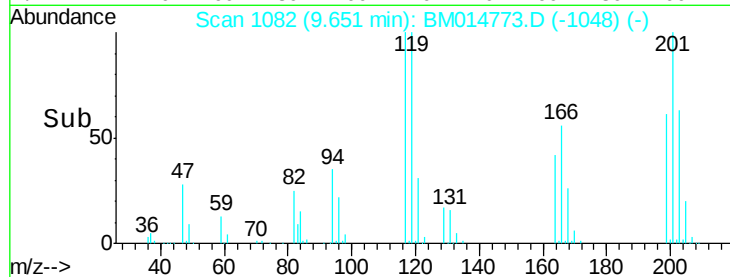
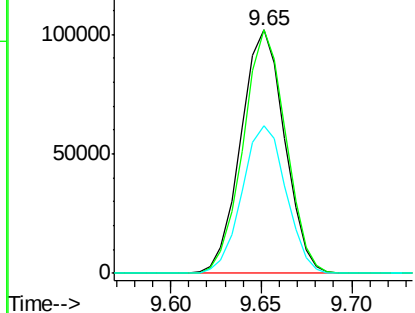
#17
Hexachloroethane
Concen: 18.416 ng/ul
RT: 9.65 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Instrument :
BNA_M
ClientSampleId :
SSTD02092

Tot Ion:117 Resp: 170669
Ion Ratio Lower Upper
117 100
201 99.9 111.6 167.4#
199 60.7 67.8 101.6#

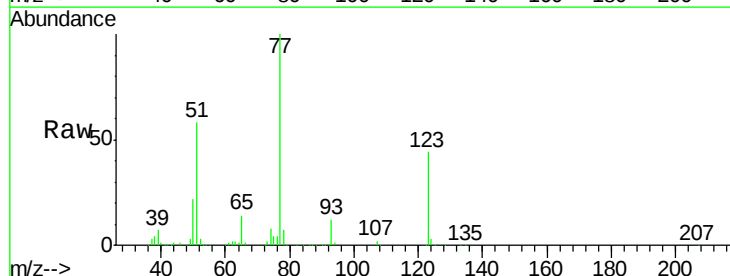


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

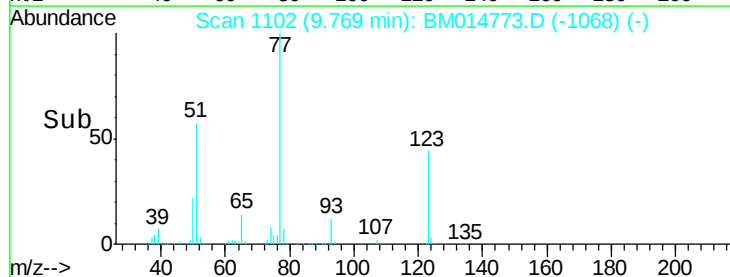
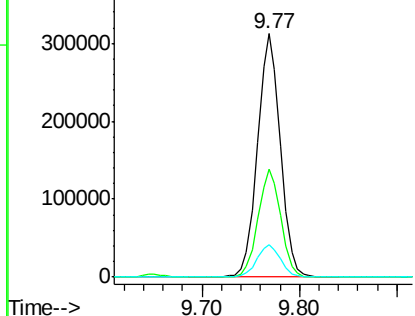


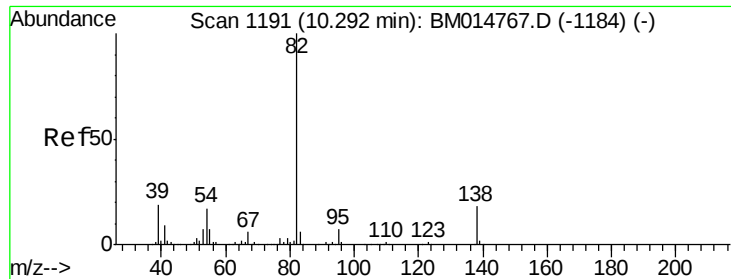
#20
Nitrobenzene
Concen: 19.910 ng/ul
RT: 9.77 min Scan# 1102
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion: 77 Resp: 516641
Ion Ratio Lower Upper
77 100
123 44.1 31.0 46.6
65 13.5 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: 20.520 ng/ul

RT: 10.29 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

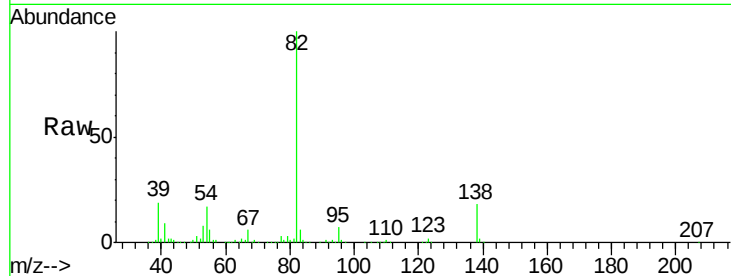
Tot Ion: 82 Resp: 910601

Ion Ratio Lower Upper

82 100

95 6.9 7.8 11.8#

138 17.8 11.9 17.9

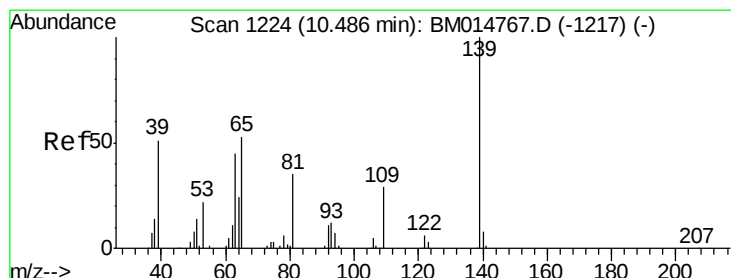
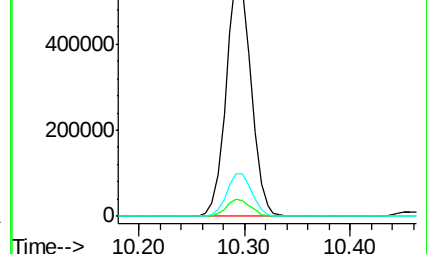
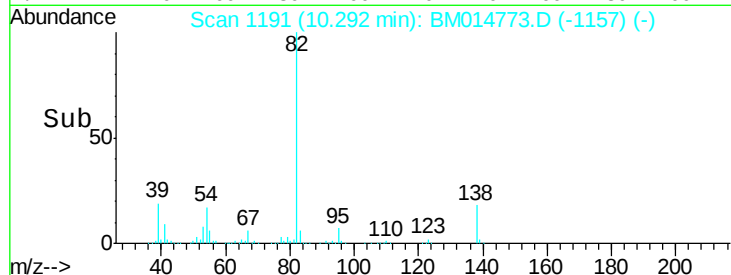


Abundance Ion 82.00 (81.70 to 82.70): BM014767.D (-1184) (-)

Ion 95.00 (94.70 to 95.70): BM014767.D (-1184) (-)

Ion 138.00 (137.70 to 138.70): BM014767.D (-1184) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.769 ng/ul

RT: 10.49 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

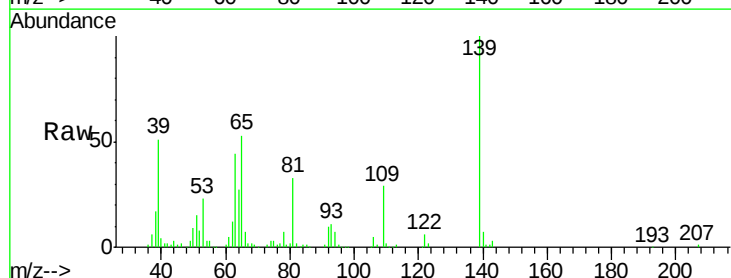
Tgt Ion: 139 Resp: 244067

Ion Ratio Lower Upper

139 100

65 53.0 55.4 83.0#

109 29.0 42.2 63.2#

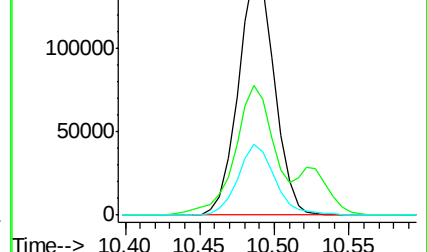
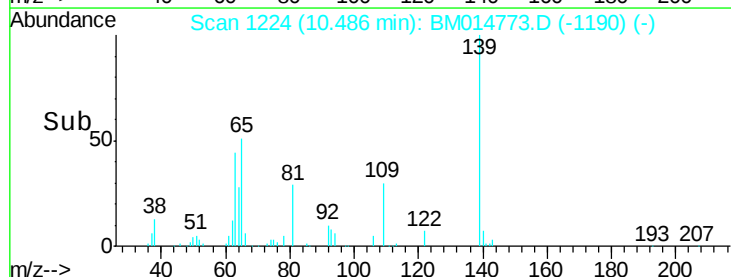


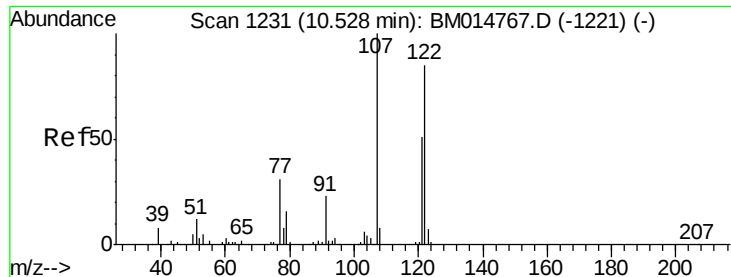
Abundance Ion 139.00 (138.70 to 139.70): BM014767.D (-1217) (-)

Ion 65.00 (64.70 to 65.70): BM014767.D (-1217) (-)

Ion 109.00 (108.70 to 109.70): BM014767.D (-1217) (-)

Time-->

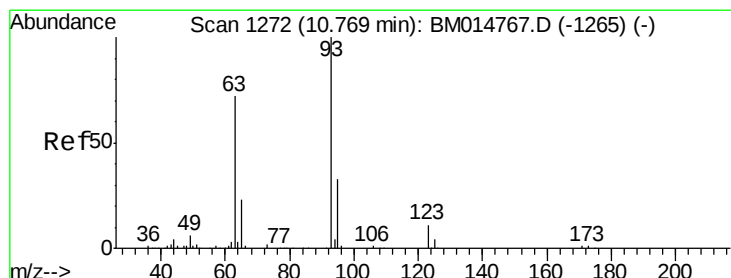
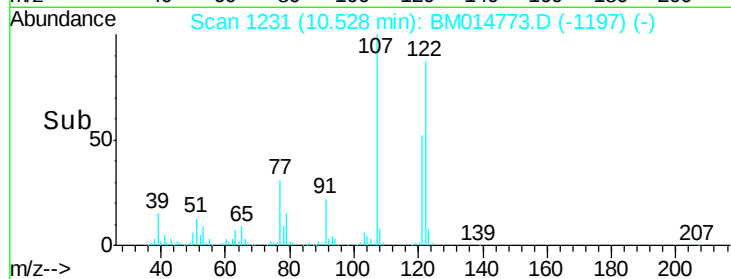
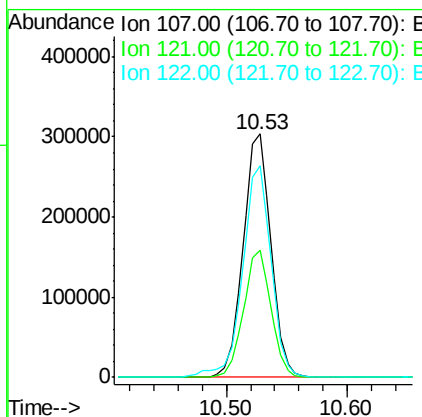
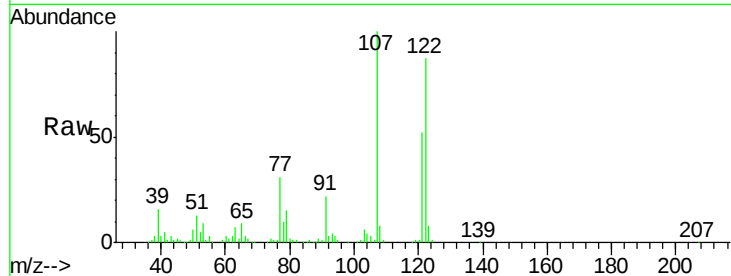




#24
 2,4-Dimethylphenol
 Concen: 19.707 ng/ul
 RT: 10.53 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

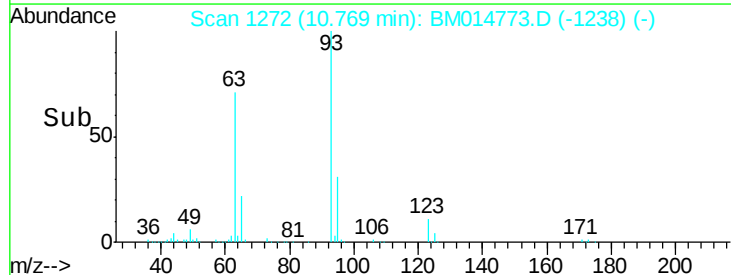
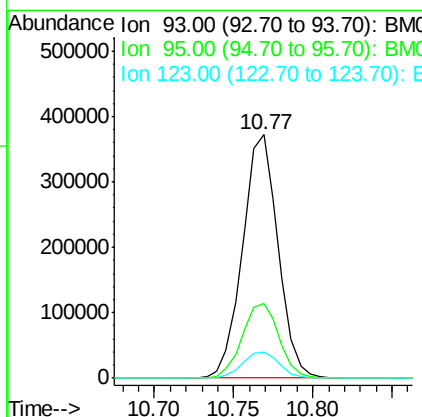
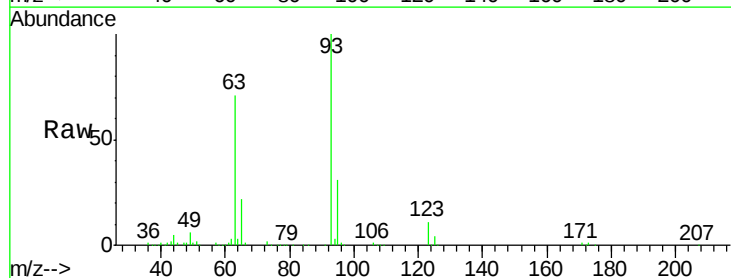
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

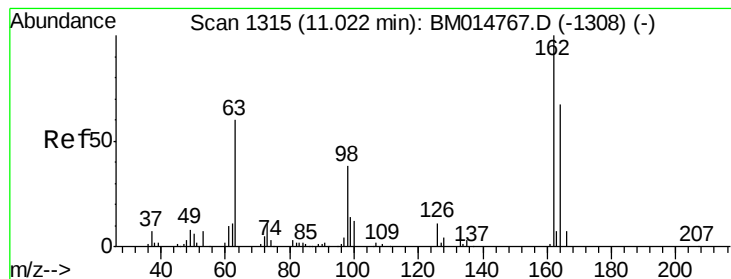
Tot Ion	Ratio	Lower	Upper
107	100		
121	52.4	31.9	47.9#
122	87.0	57.8	86.6#



#25
 Bis(2-Chloroethoxy)methane
 Concen: 19.336 ng/ul
 RT: 10.77 min Scan# 1272
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	28.5	42.7
123	10.8	8.9	13.3





#27

2,4-Dichlorophenol

Concen: 19.473 ng/ul

RT: 11.02 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

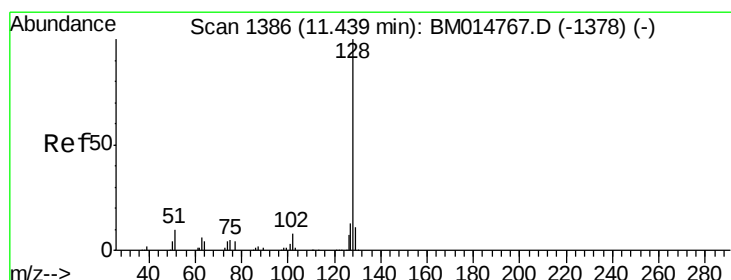
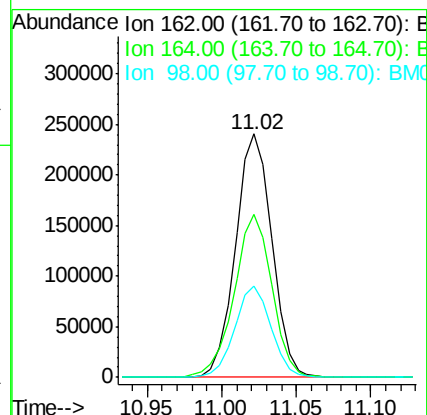
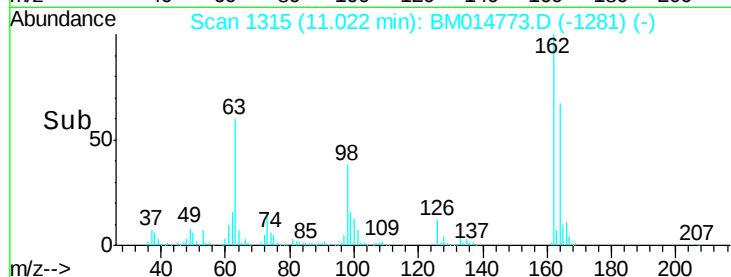
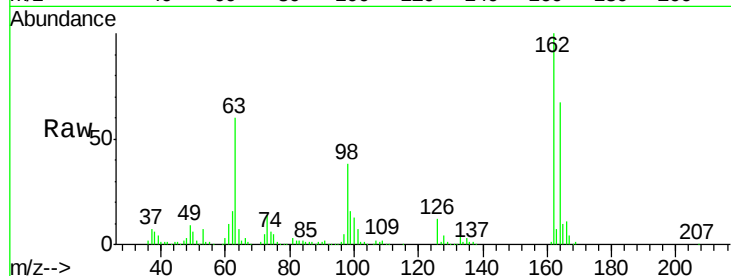
Tot Ion:162 Resp: 408647

Ion Ratio Lower Upper

162 100

164 66.7 47.8 71.6

98 37.6 23.0 34.4#



#28

Naphthalene

Concen: 19.084 ng/ul

RT: 11.44 min Scan# 1386

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

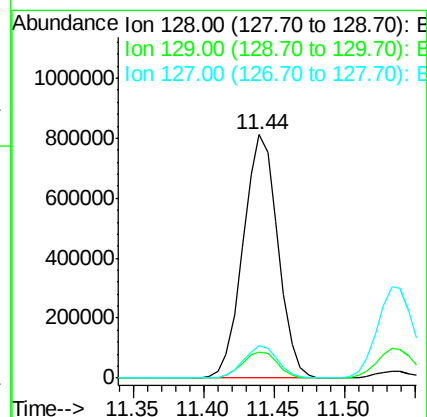
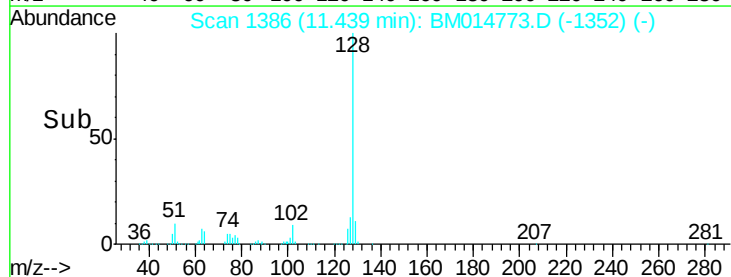
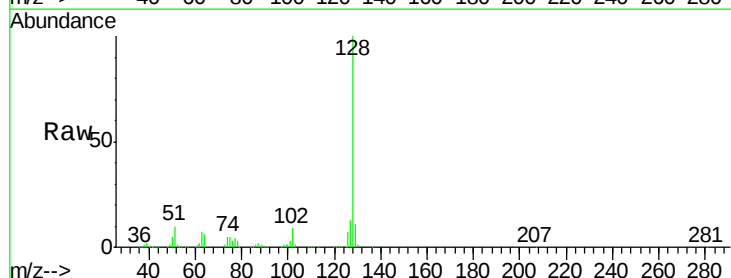
Tgt Ion:128 Resp: 1397205

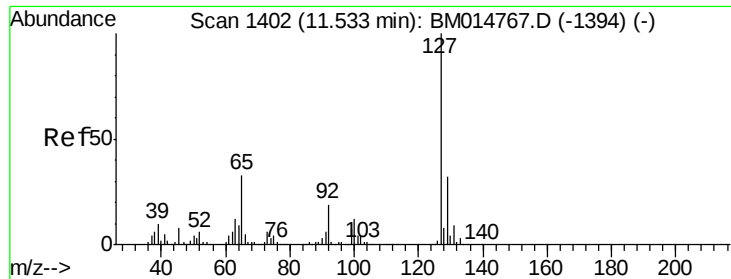
Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.3 10.6 16.0

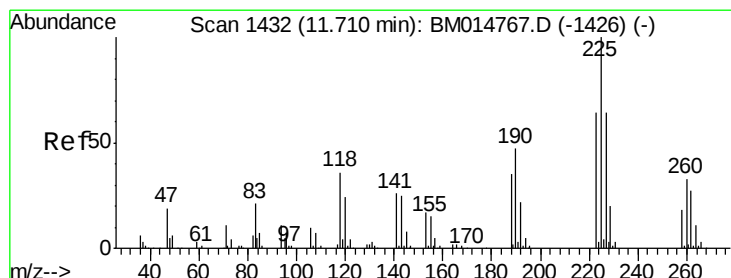
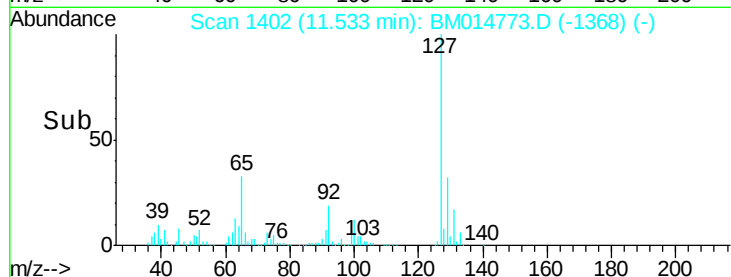
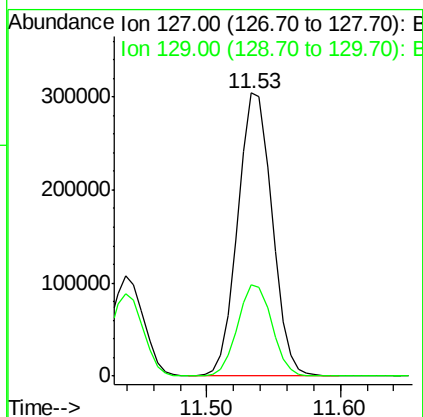
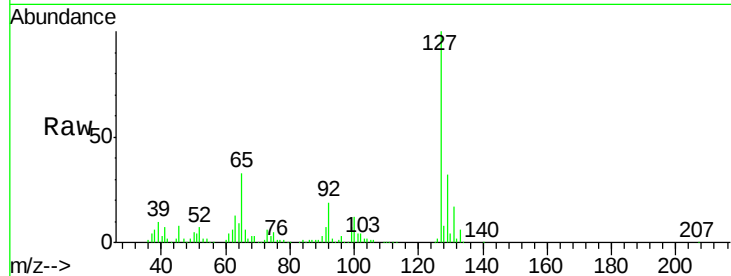




#30
4-Chloroaniline
Concen: 25.812 ng/ul
RT: 11.53 min Scan# 1402
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

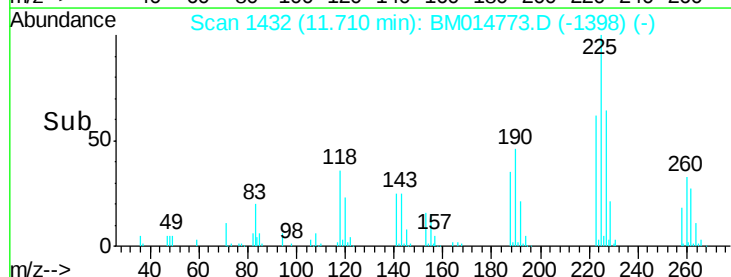
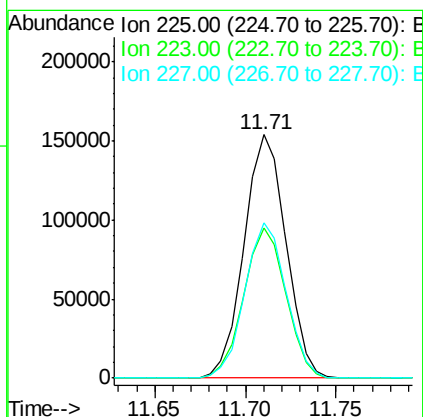
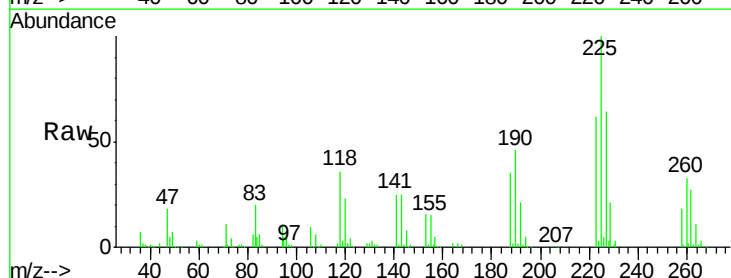
Instrument :
BNA_M
ClientSampleId :
SSTD02092

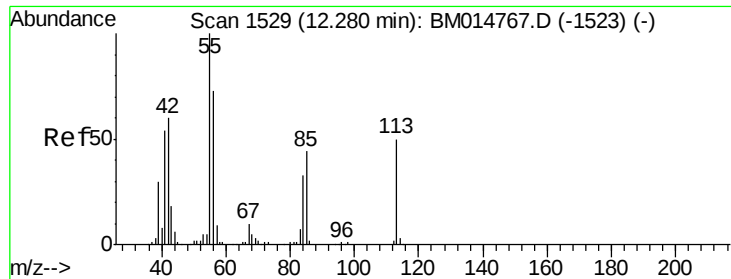
Tot Ion:127 Resp: 543562
Ion Ratio Lower Upper
127 100
129 32.2 28.4 42.6



#31
Hexachlorobutadiene
Concen: 18.322 ng/ul
RT: 11.71 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion:225 Resp: 247413
Ion Ratio Lower Upper
225 100
223 61.9 49.4 74.2
227 63.9 45.4 68.2





#32

Caprolactam

Concen: 21.149 ng/ul

RT: 12.29 min Scan# 1530

Delta R.T. 0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

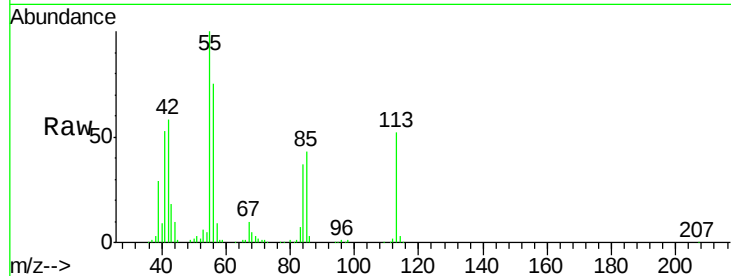
Tot Ion:113 Resp: 127870

Ion Ratio Lower Upper

113 100

55 191.6 208.0 312.0#

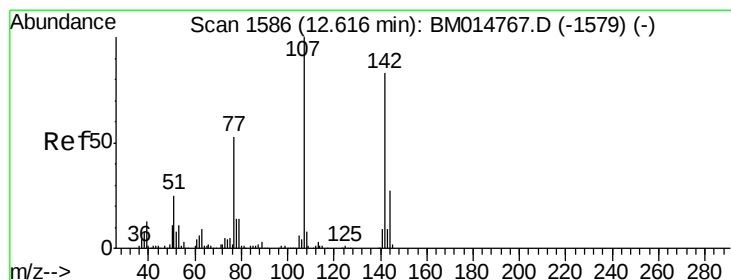
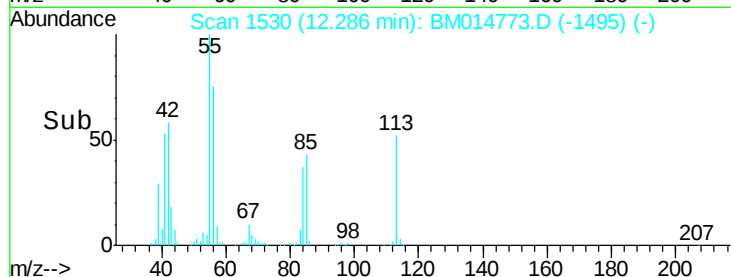
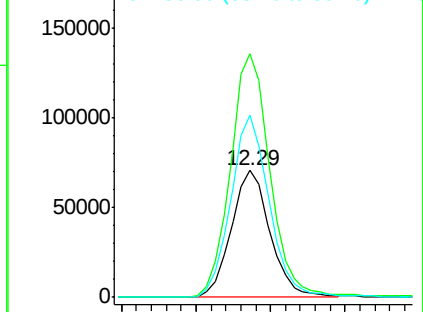
56 143.6 160.0 240.0#



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: 20.274 ng/ul

RT: 12.62 min Scan# 1586

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

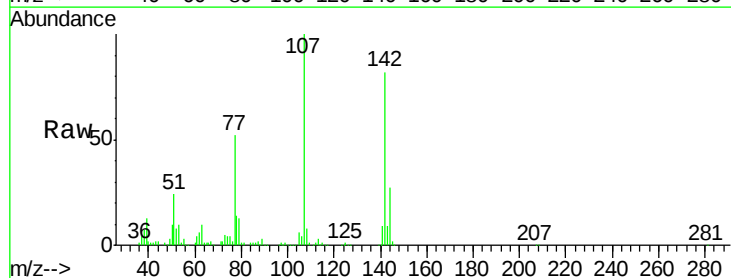
Tgt Ion:107 Resp: 430363

Ion Ratio Lower Upper

107 100

144 27.3 20.4 30.6

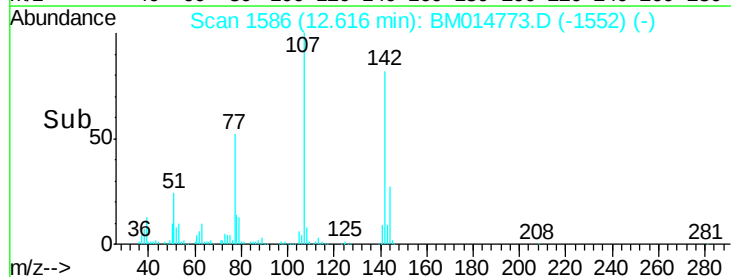
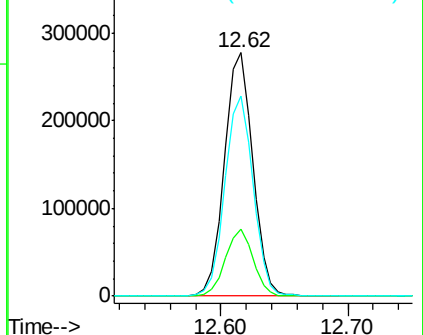
142 82.3 60.5 90.7

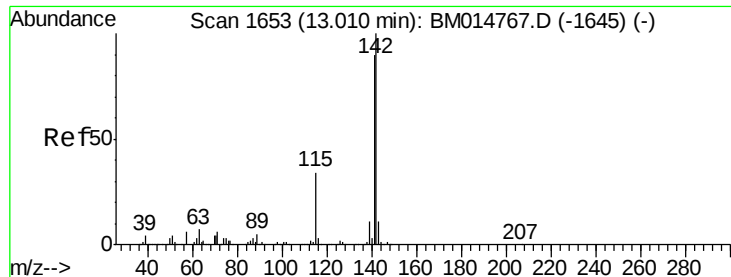


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.209 ng/ul

RT: 13.01 min Scan# 1653

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

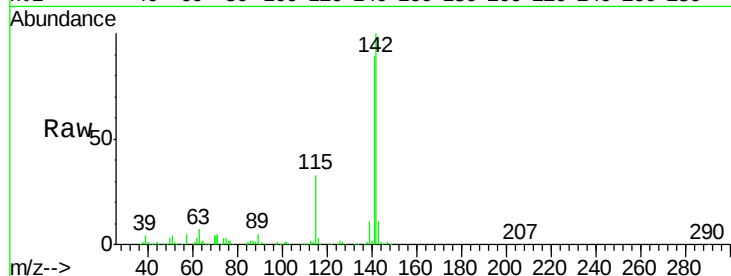
SSTD02092

Tot Ion:142 Resp: 976630

Ion Ratio Lower Upper

142 100

141 89.2 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

600000

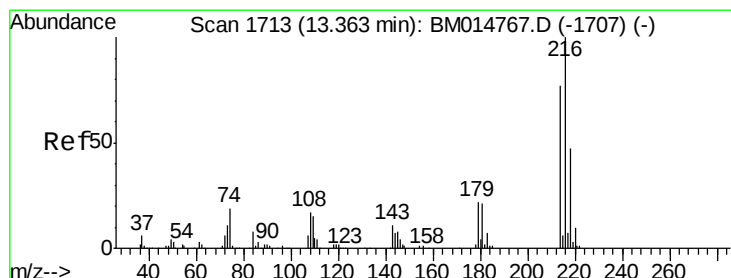
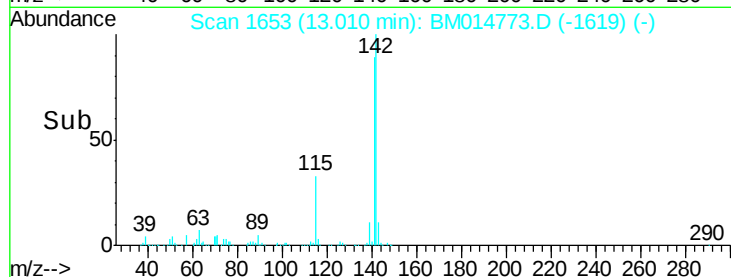
400000

200000

0

13.01

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.903 ng/ul

RT: 13.36 min Scan# 1713

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Tgt Ion:216 Resp: 471873

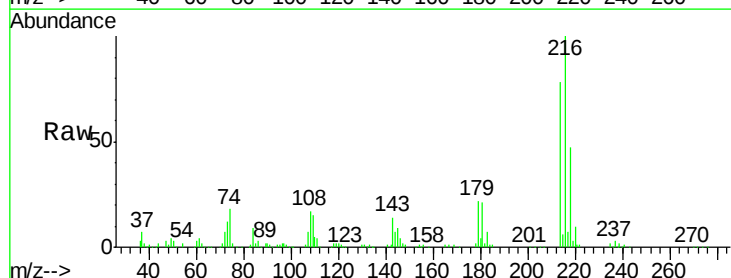
Ion Ratio Lower Upper

216 100

214 78.2 60.6 90.8

179 22.4 17.5 26.3

108 17.4 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

400000

300000

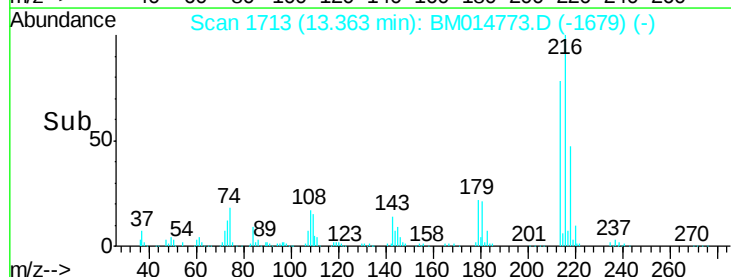
200000

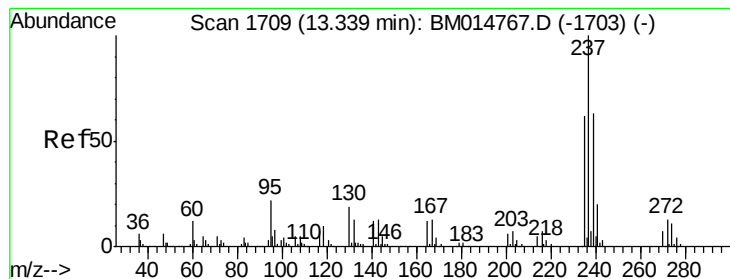
100000

0

13.36

Time-->





#37

Hexachlorocyclopentadiene

Concen: 12.082 ng/ul

RT: 13.34 min Scan# 1709

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

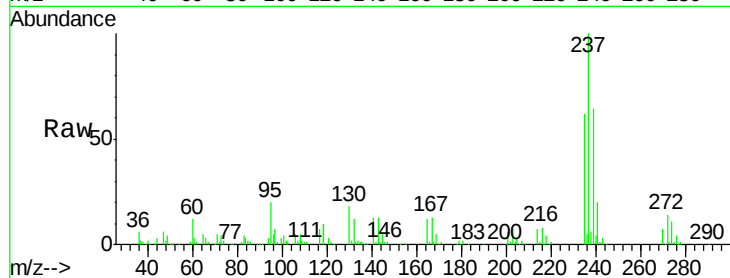
Tot Ion:237 Resp: 207774

Ion Ratio Lower Upper

237 100

235 62.1 50.2 75.4

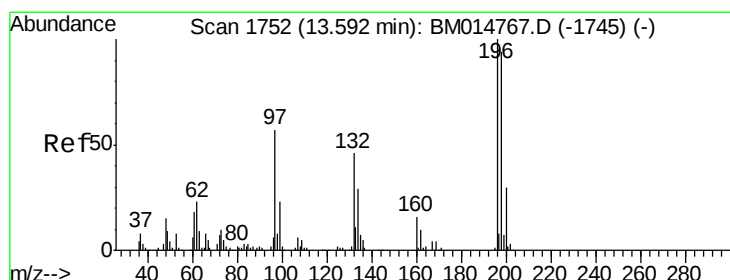
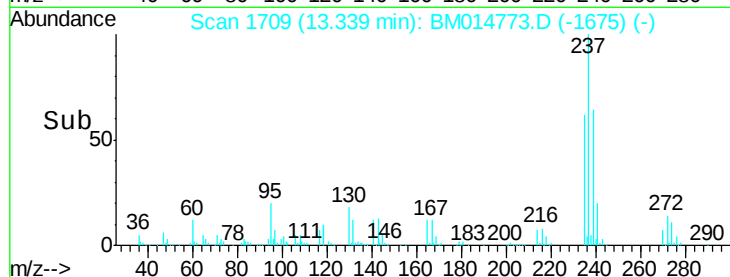
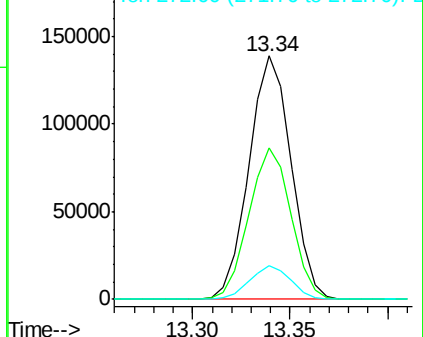
272 13.6 11.0 16.6



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: 20.148 ng/ul

RT: 13.59 min Scan# 1752

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

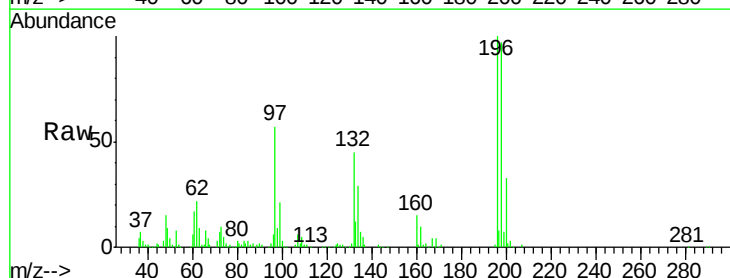
Tgt Ion:196 Resp: 310644

Ion Ratio Lower Upper

196 100

198 96.8 74.1 111.1

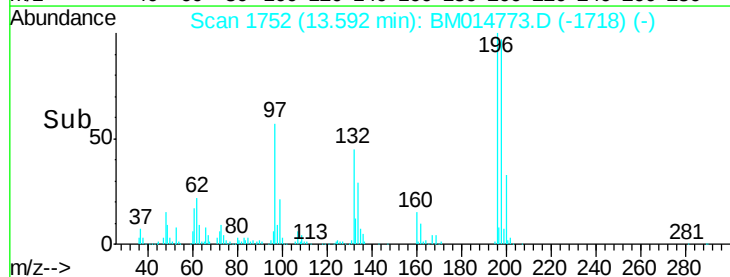
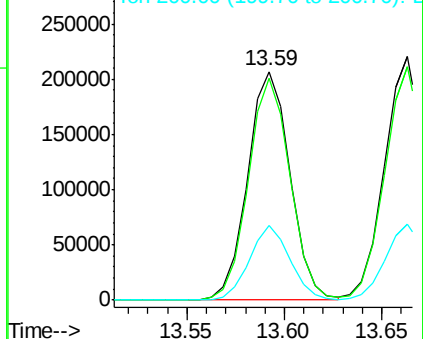
200 32.6 25.2 37.8

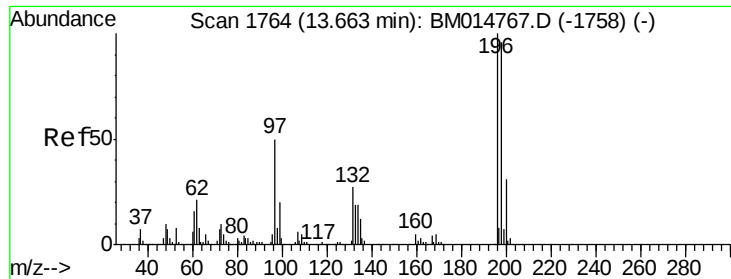


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

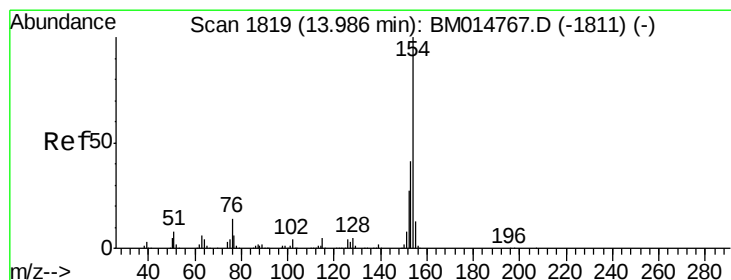
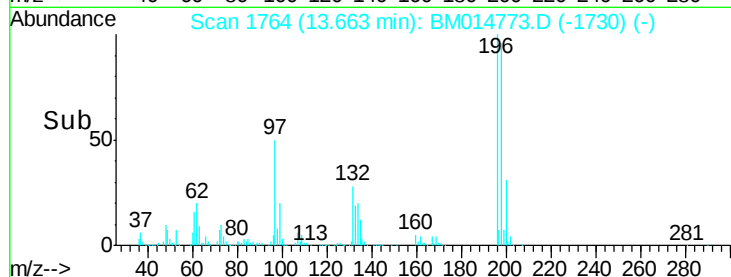
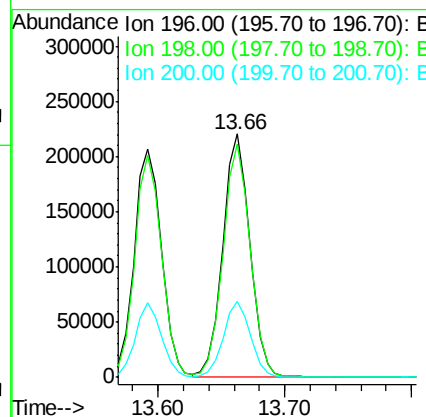
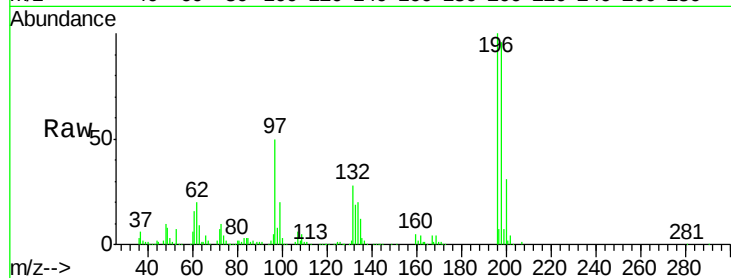




#39
 2,4,5-Trichlorophenol
 Concen: 19.880 ng/ul
 RT: 13.66 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

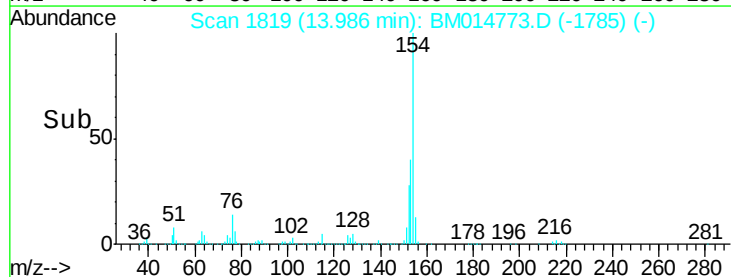
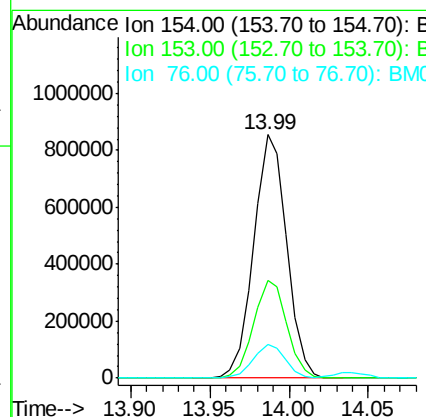
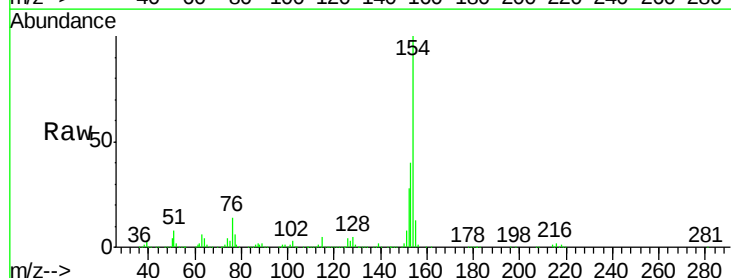
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

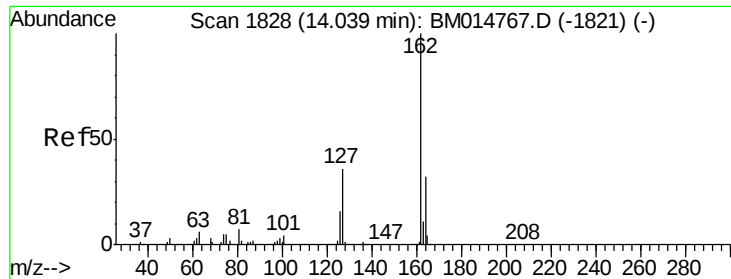
Tot Ion:196 Resp: 327389
 Ion Ratio Lower Upper
 196 100
 198 96.0 75.6 113.4
 200 31.1 25.5 38.3



#40
 1,1'-Biphenyl
 Concen: 19.278 ng/ul
 RT: 13.99 min Scan# 1819
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion:154 Resp: 1234435
 Ion Ratio Lower Upper
 154 100
 153 40.2 32.6 48.8
 76 13.7 8.5 12.7#

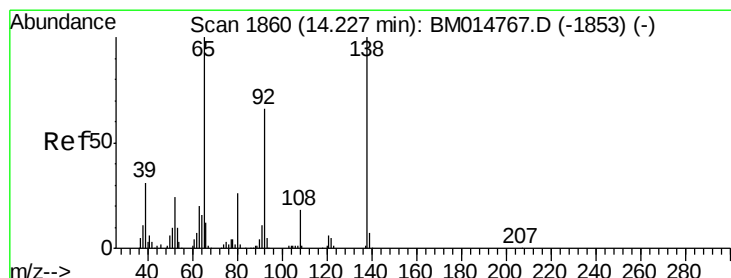
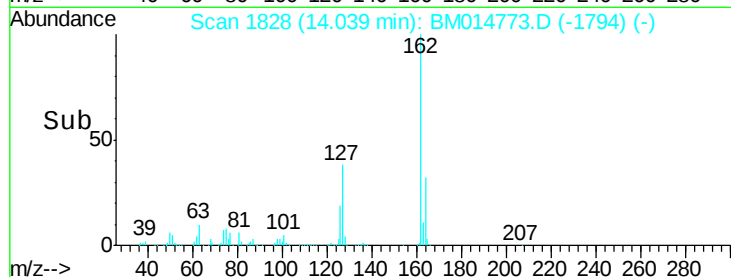
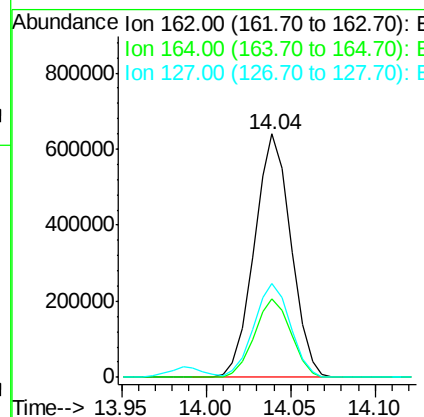
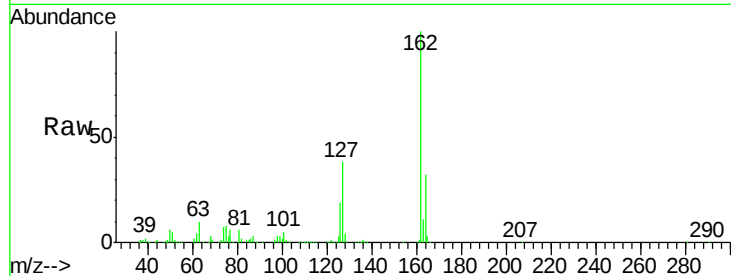




#41
2-Chloronaphthalene
Concen: 19.363 ng/ul
RT: 14.04 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

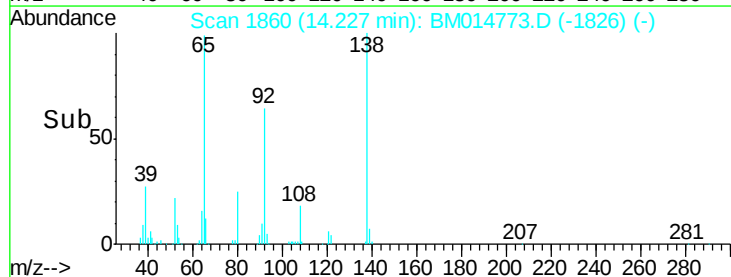
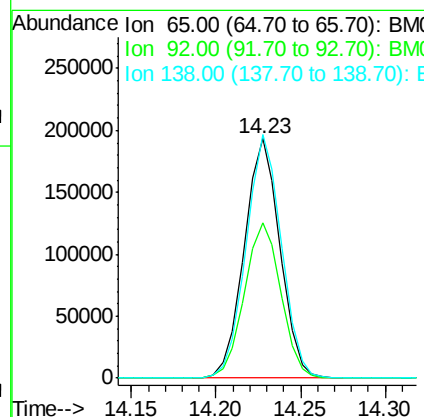
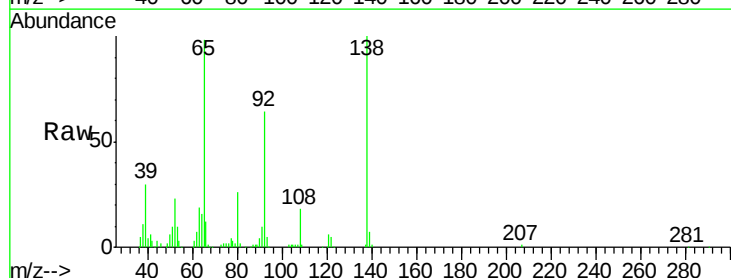
Instrument :
BNA_M
ClientSampleId :
SSTD02092

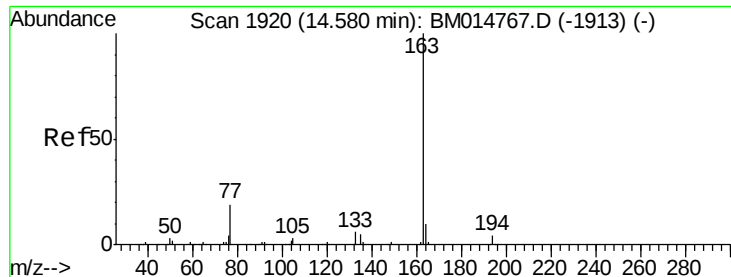
Tot Ion	Ratio	Lower	Upper
162	100		
164	32.0	25.9	38.9
127	38.4	29.4	44.2



#42
2-Nitroaniline
Concen: 21.695 ng/ul
RT: 14.23 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	51.8	77.6
138	101.7	74.2	111.4





#44

Dimethylphthalate

Concen: 19.000 ng/ul

RT: 14.58 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

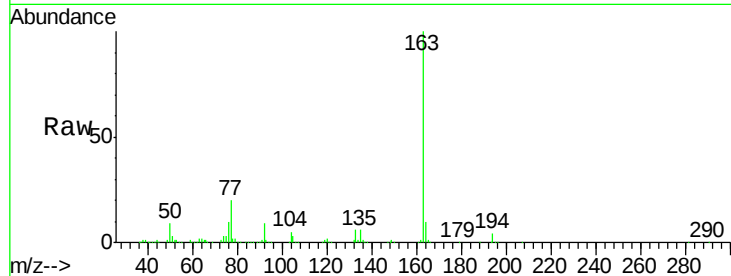
Tot Ion:163 Resp: 1141692

Ion Ratio Lower Upper

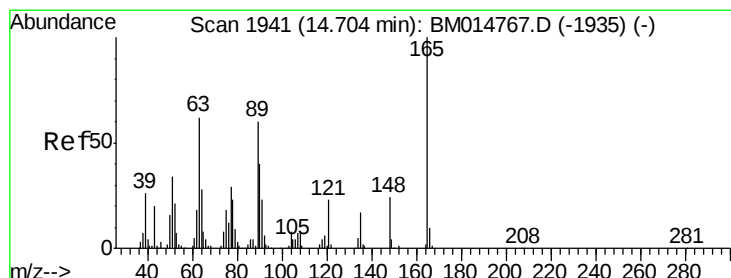
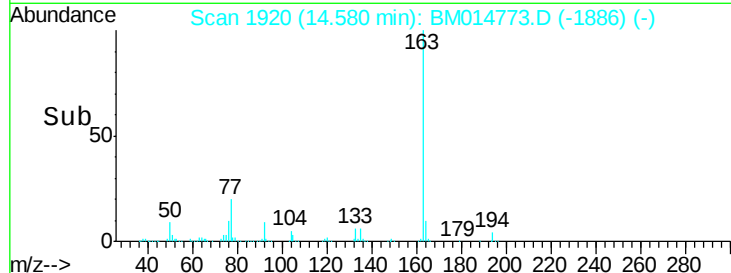
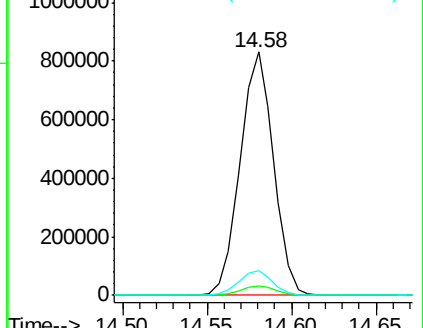
163 100

194 4.0 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: 20.352 ng/ul

RT: 14.71 min Scan# 1942

Delta R.T. 0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

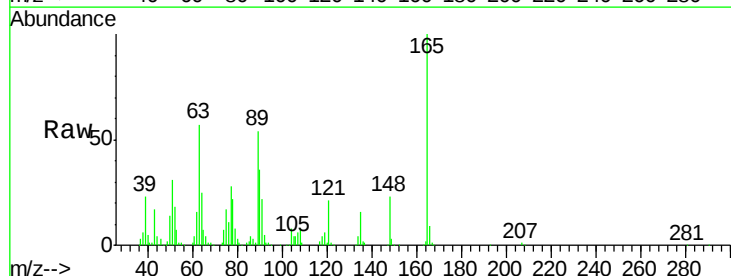
Tgt Ion:165 Resp: 224296

Ion Ratio Lower Upper

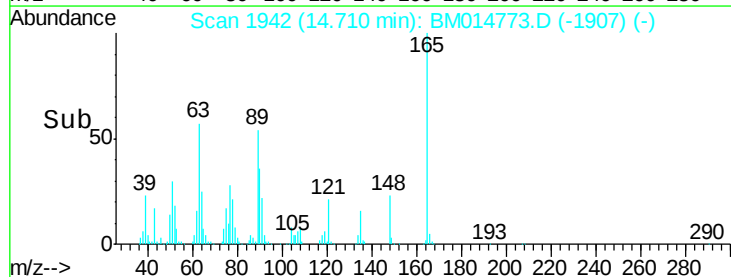
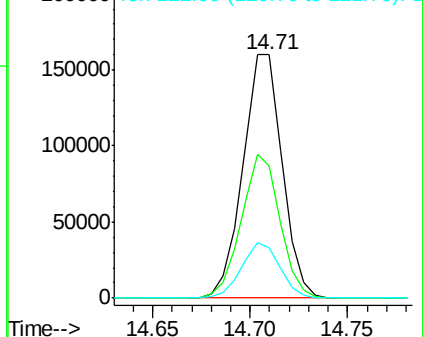
165 100

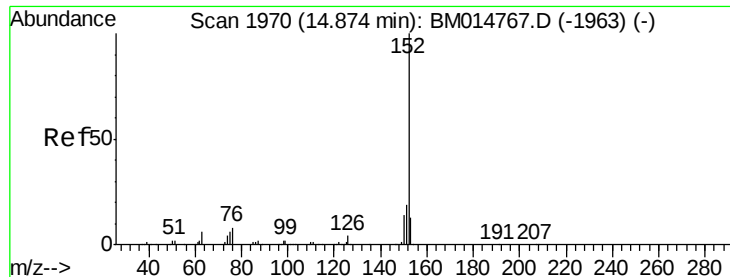
89 54.2 52.6 79.0

121 20.6 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: 19.672 ng/ul

RT: 14.87 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

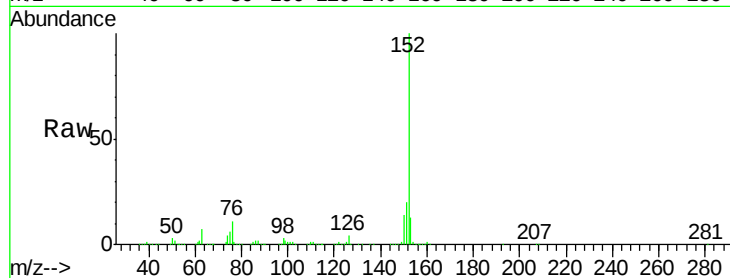
Tot Ion:152 Resp: 1462926

Ion Ratio Lower Upper

152 100

151 19.6 16.3 24.5

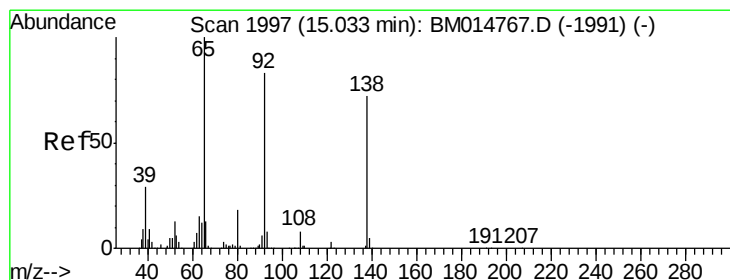
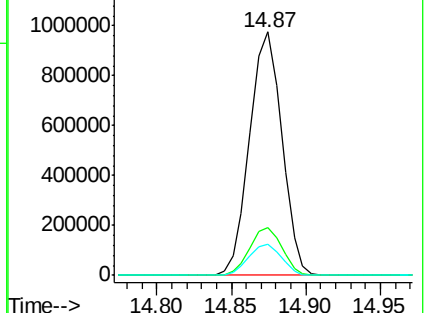
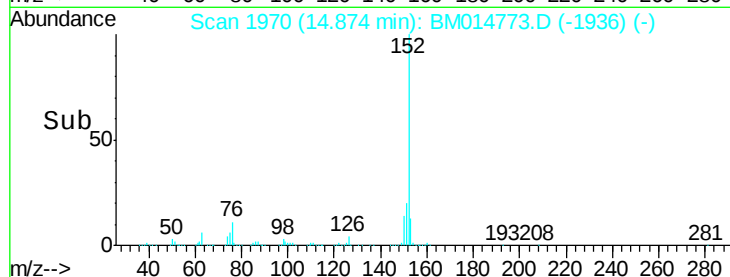
153 12.6 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 23.016 ng/ul

RT: 15.03 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

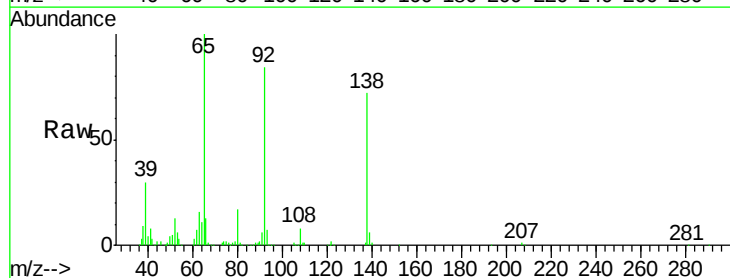
Tgt Ion:138 Resp: 249606

Ion Ratio Lower Upper

138 100

108 10.9 9.9 14.9

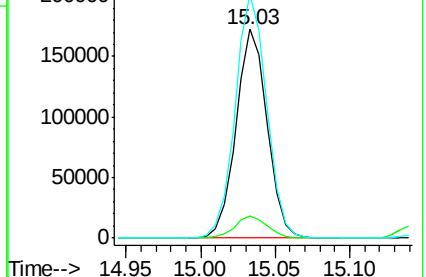
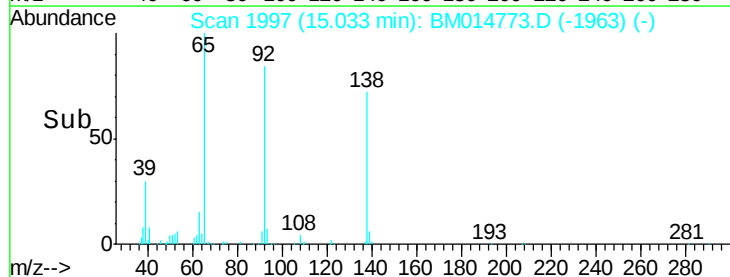
92 116.6 105.0 157.4

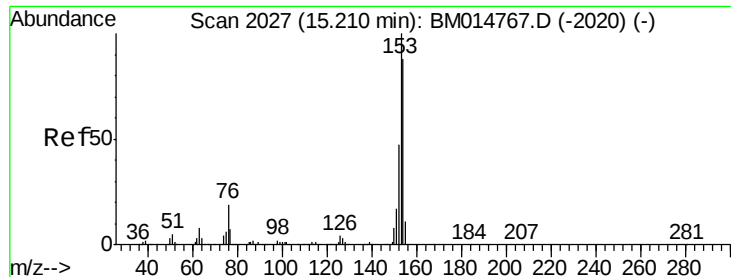


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.397 ng/ul

RT: 15.21 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

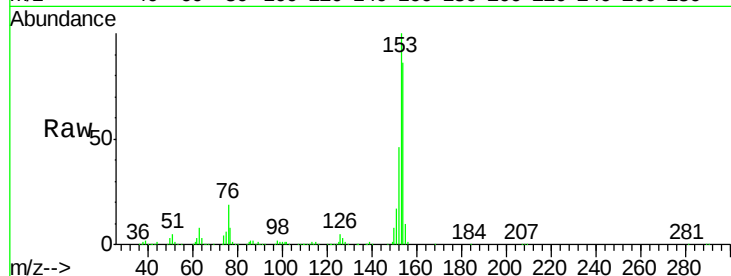
Tot Ion:153 Resp: 1025106

Ion Ratio Lower Upper

153 100

152 45.8 37.6 56.4

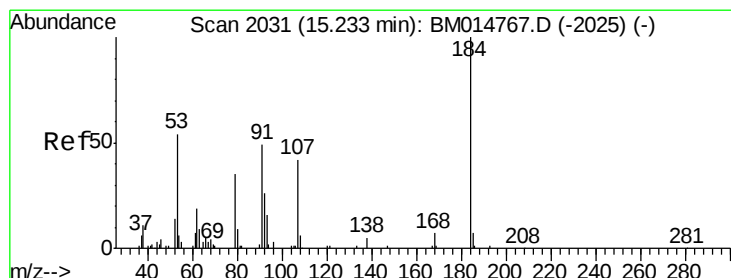
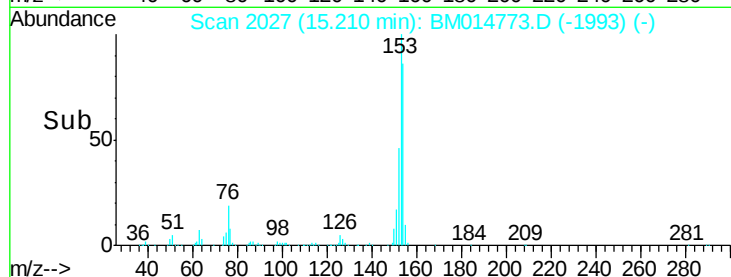
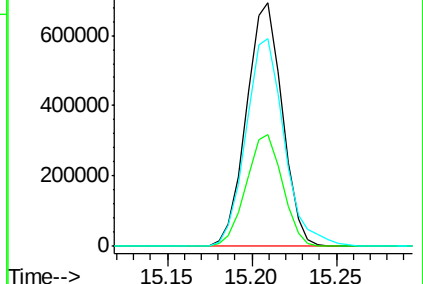
154 85.5 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 12.240 ng/ul

RT: 15.23 min Scan# 2031

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

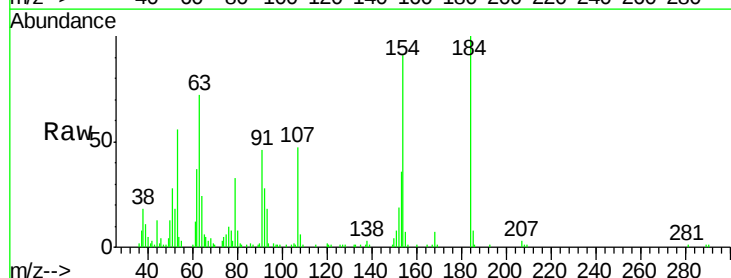
Tgt Ion:184 Resp: 74900

Ion Ratio Lower Upper

184 100

63 71.6 50.1 75.1

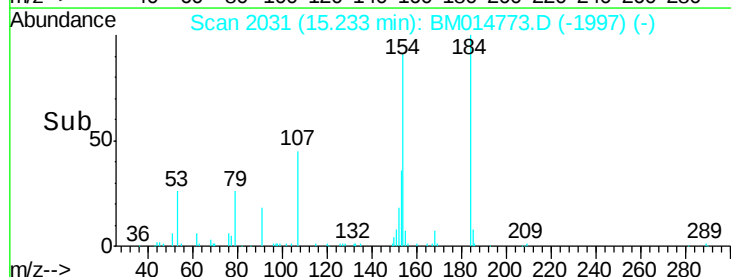
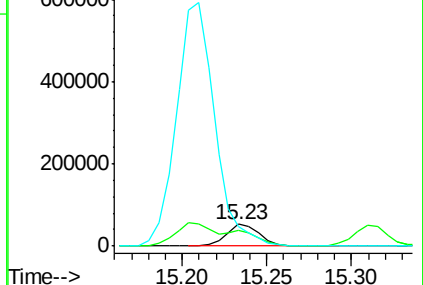
154 91.1 54.5 81.7#

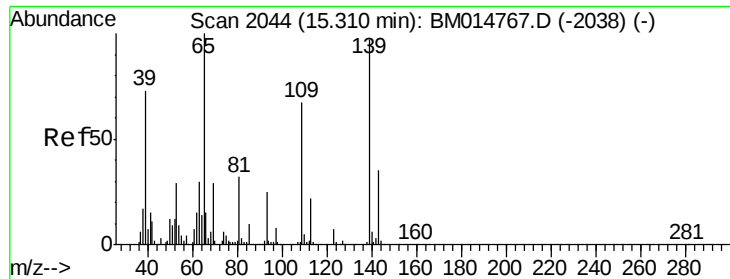


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

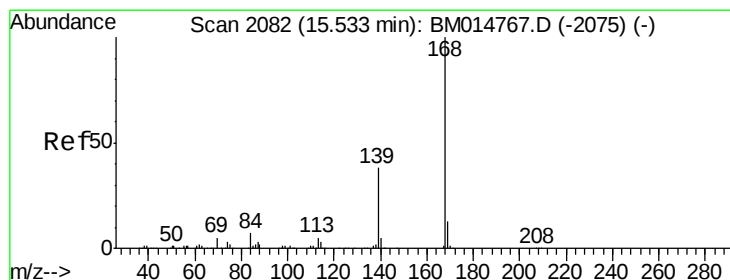
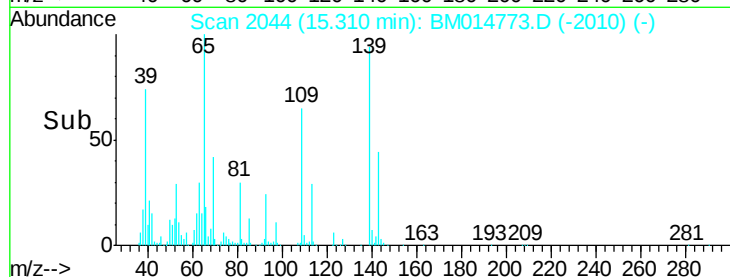
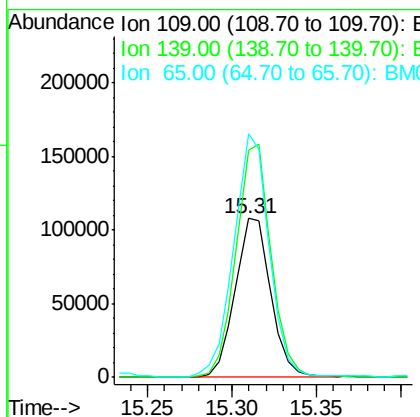
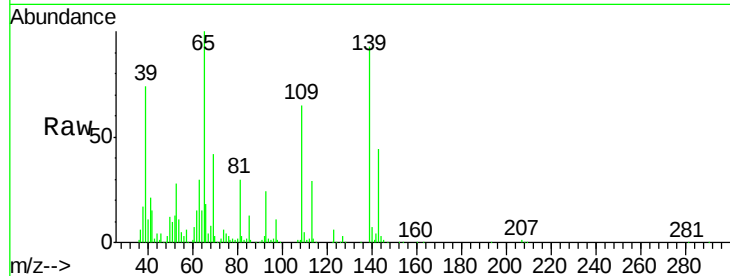




#52
4-Nitrophenol
Concen: 19.173 ng/ul
RT: 15.31 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

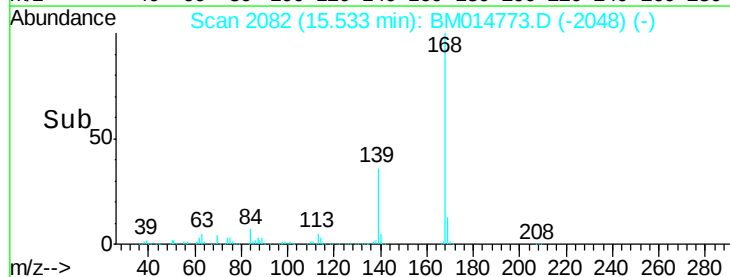
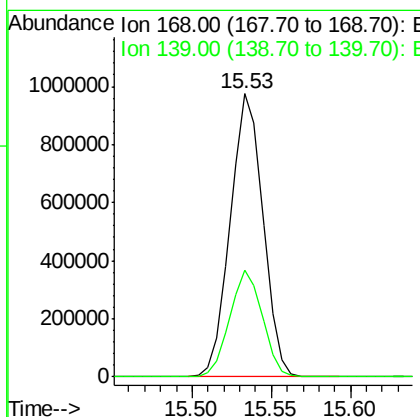
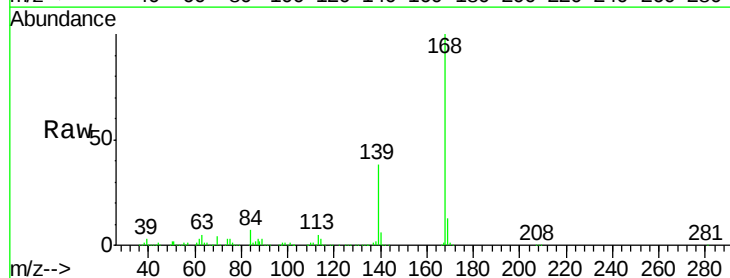
Instrument :
BNA_M
ClientSampleId :
SSTD02092

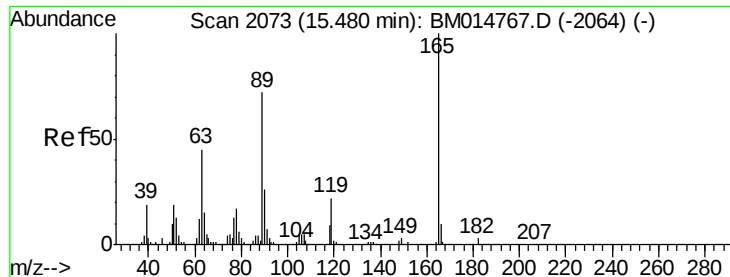
Tot Ion:109 Resp: 159406
Ion Ratio Lower Upper
109 100
139 142.9 80.0 120.0#
65 153.1 120.0 180.0



#53
Dibenzofuran
Concen: 19.004 ng/ul
RT: 15.53 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion:168 Resp: 1394675
Ion Ratio Lower Upper
168 100
139 37.5 30.8 46.2

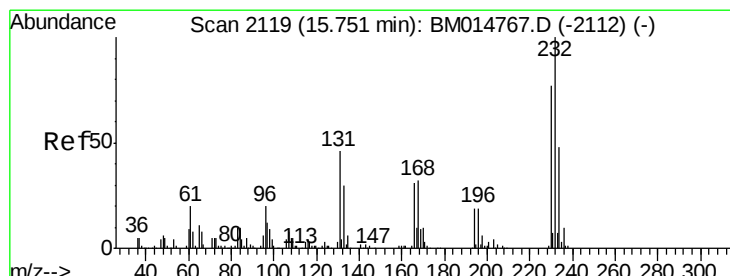
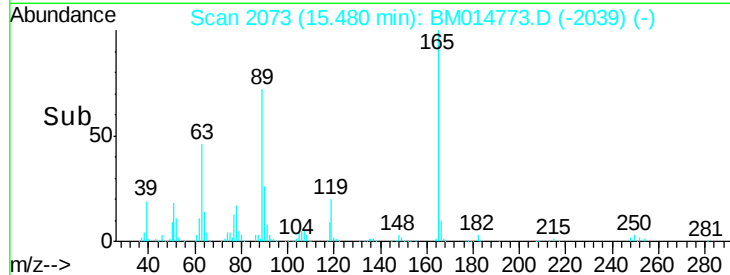
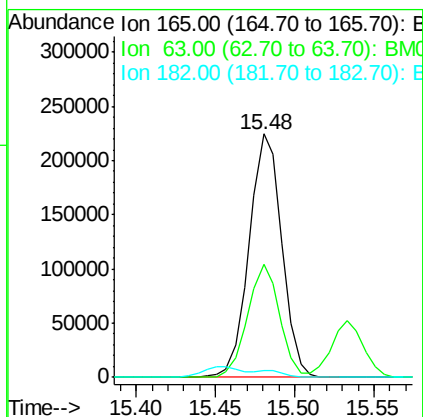
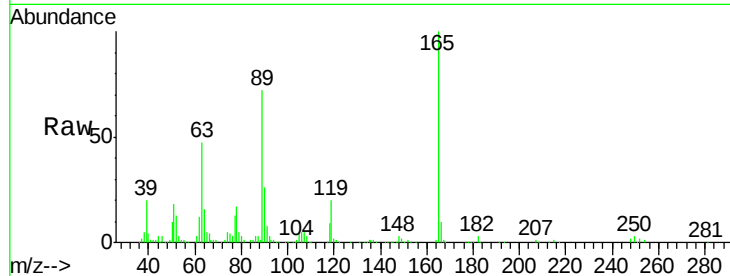




#54
 2,4-Dinitrotoluene
 Concen: 19.815 ng/ul
 RT: 15.48 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

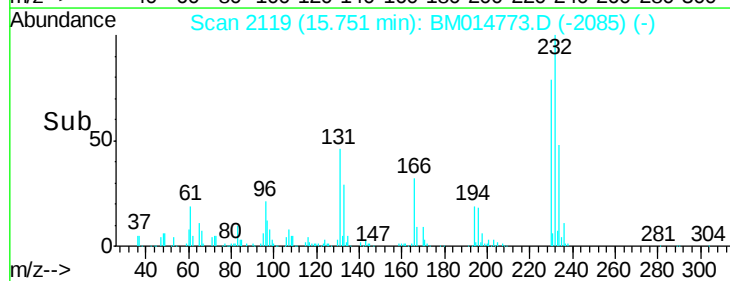
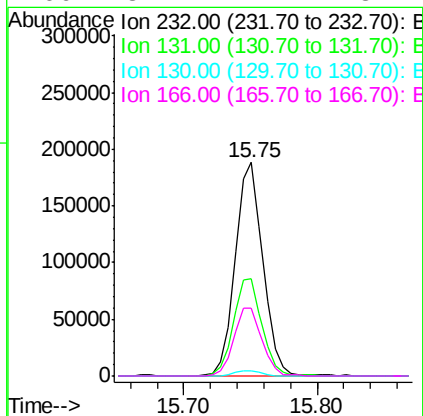
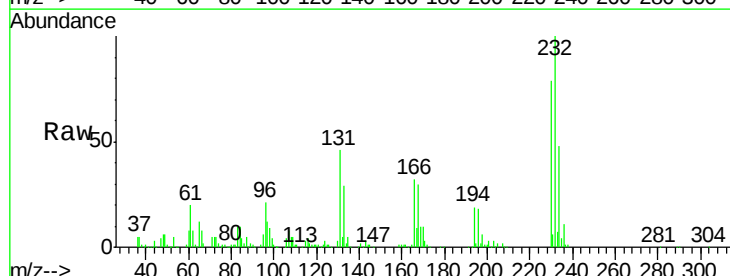
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

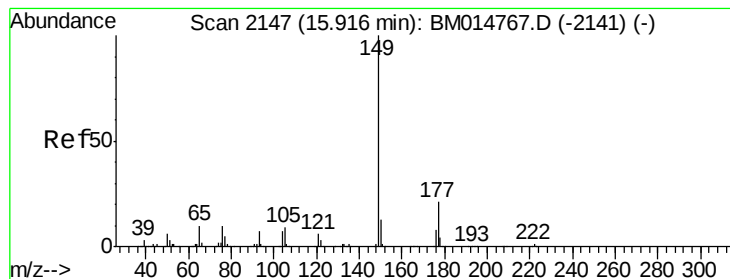
Tot Ion:165 Resp: 321755
 Ion Ratio Lower Upper
 165 100
 63 46.6 45.8 68.8
 182 2.7 2.6 4.0



#55
 2,3,4,6-Tetrachlorophenol
 Concen: 19.419 ng/ul
 RT: 15.75 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion:232 Resp: 271344
 Ion Ratio Lower Upper
 232 100
 131 45.6 29.0 43.4#
 130 2.5 2.0 3.0
 166 31.7 21.4 32.2





#56

Diethylphthalate

Concen: 19.002 ng/ul

RT: 15.92 min Scan# 2147

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

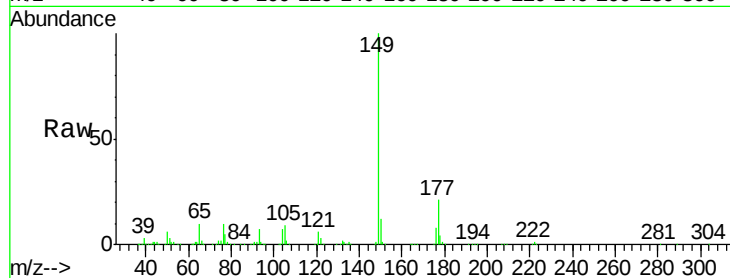
Tot Ion:149 Resp: 1149350

Ion Ratio Lower Upper

149 100

177 21.2 20.5 30.7

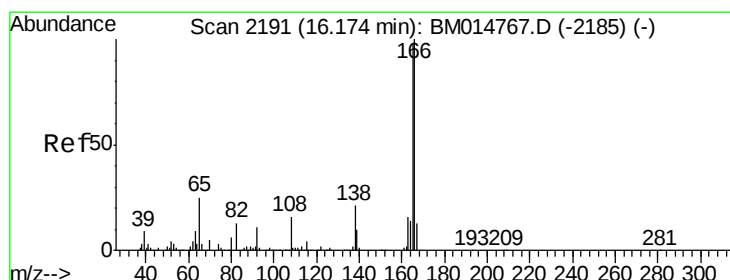
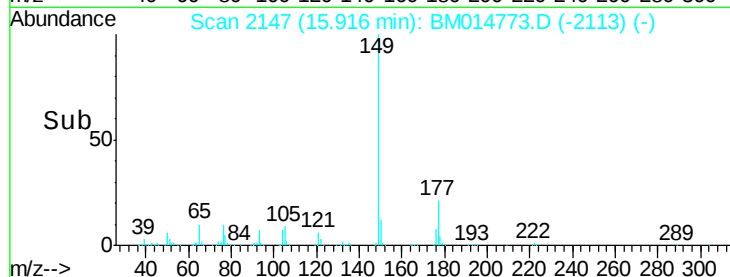
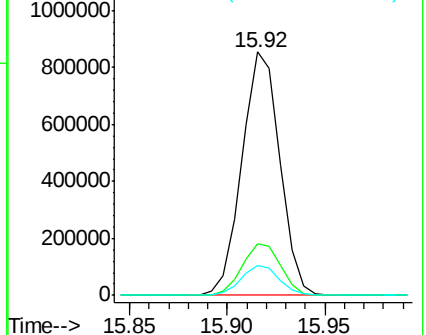
150 12.5 10.6 15.8



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: 18.742 ng/ul

RT: 16.17 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

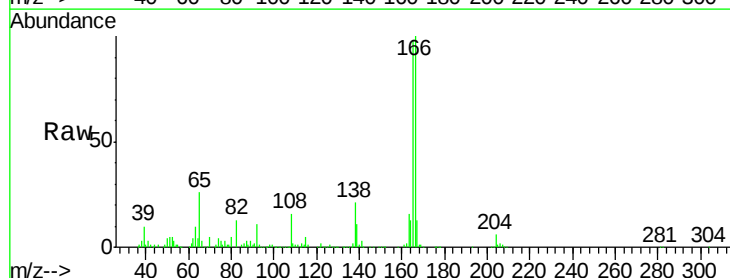
Tgt Ion:166 Resp: 1110618

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

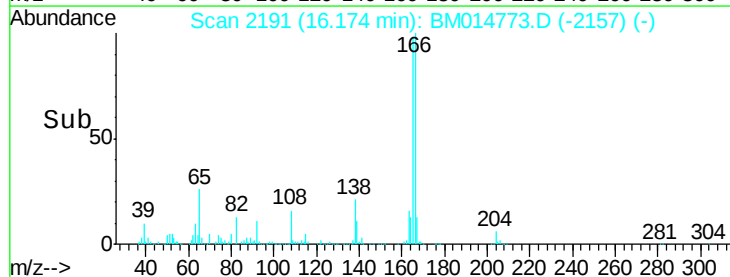
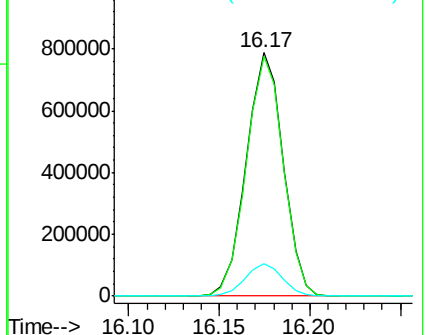
167 13.4 10.6 16.0

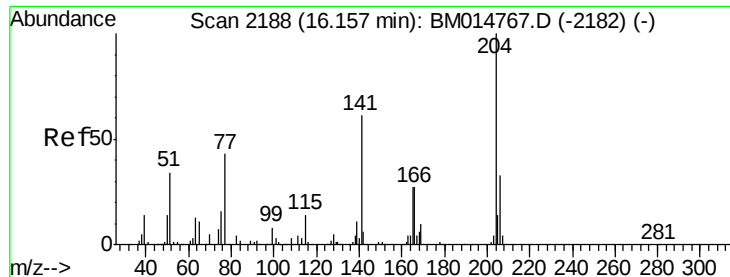


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

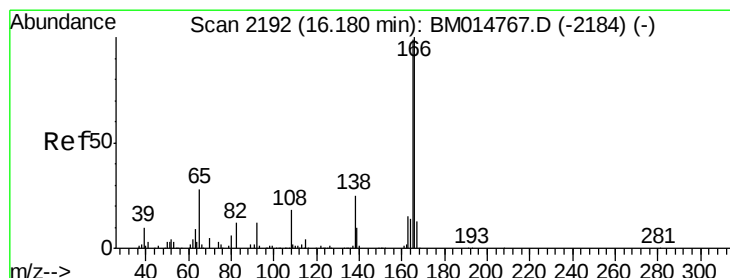
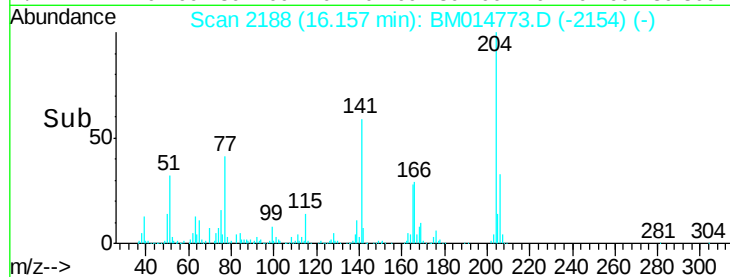
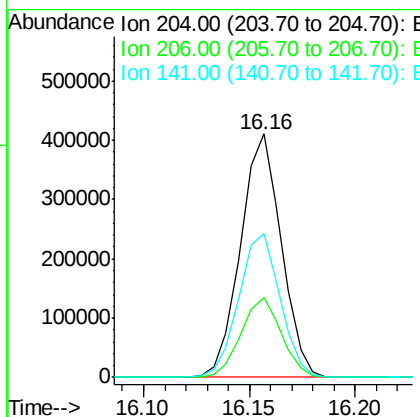
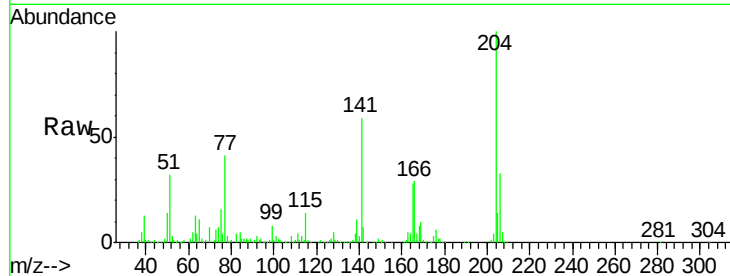




#59
4-Chlorophenyl-phenylether
Concen: 18.532 ng/ul
RT: 16.16 min Scan# 2188
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

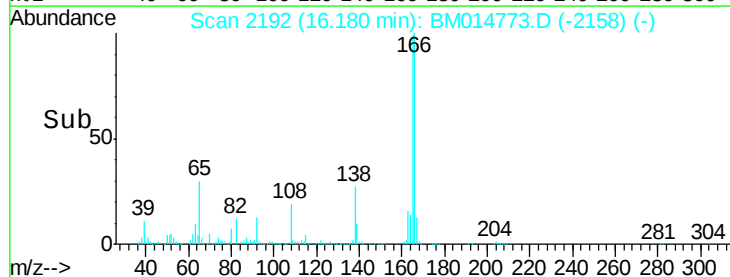
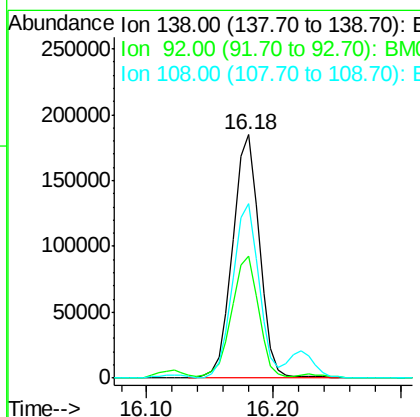
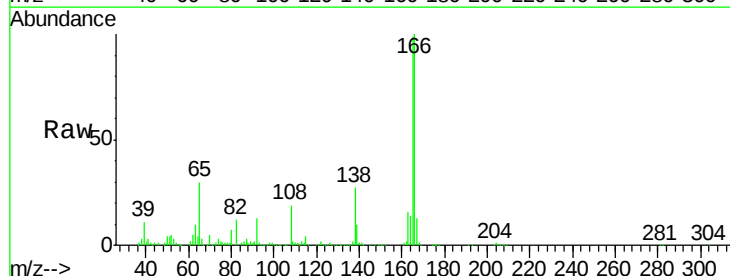
Instrument :
BNA_M
ClientSampleId :
SSTD02092

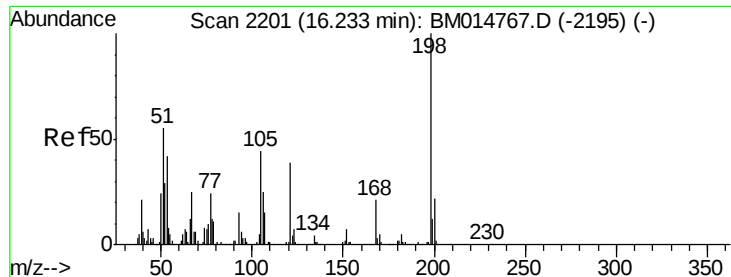
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	24.8	37.2
141	59.0	44.3	66.5



#60
4-Nitroaniline
Concen: 21.339 ng/ul
RT: 16.18 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.1	40.0	60.0
108	71.4	80.0	120.0

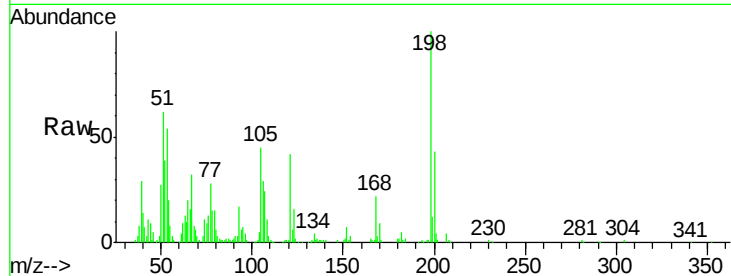




#63
 4,6-Dinitro-2-methylphenol
 Concen: 13.492 ng/ul
 RT: 16.23 min Scan# 2201
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

Tot Ion	198	Resp	125679
Ion Ratio	100	Lower	Upper
182	5.3	3.8	5.6
77	27.7	25.2	37.8

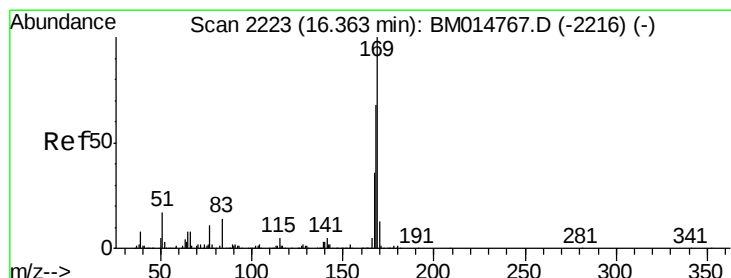
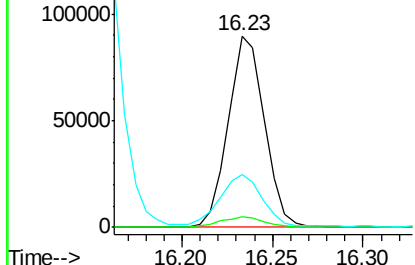
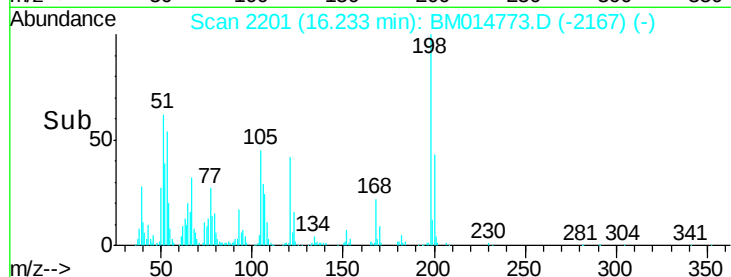


Abundance

Ion 198.00 (197.70 to 198.70): E

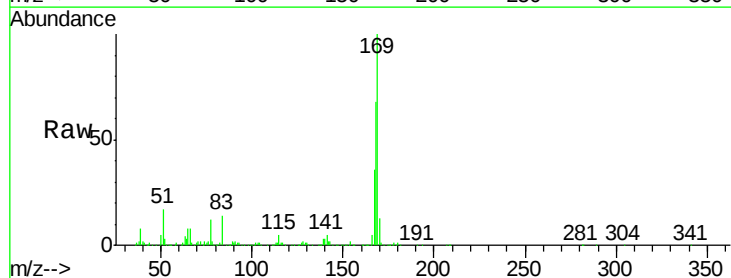
Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BMO



#64
 N-Nitrosodiphenylamine
 Concen: 19.795 ng/ul
 RT: 16.36 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion	169	Resp	951055
Ion Ratio	100	Lower	Upper
168	68.2	54.0	81.0
167	36.5	29.1	43.7

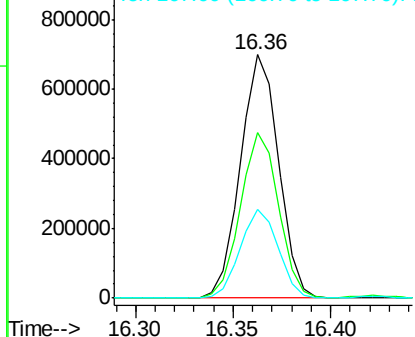
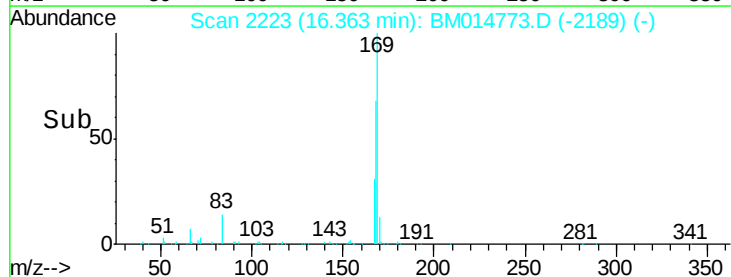


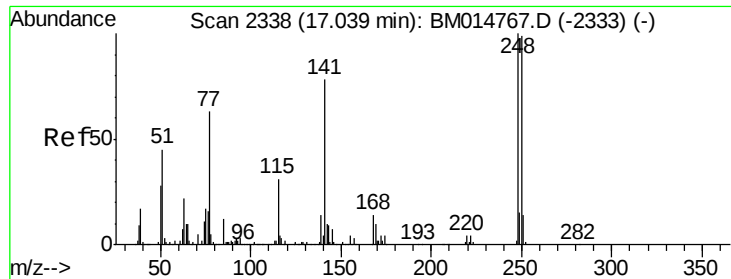
Abundance

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

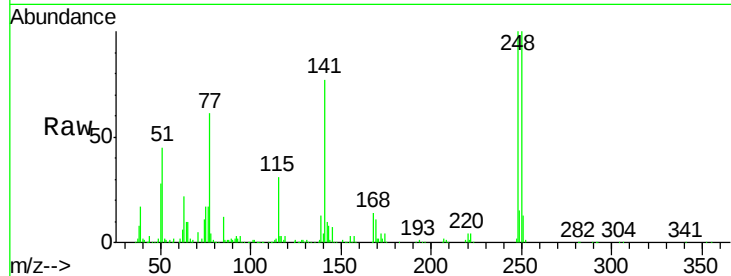




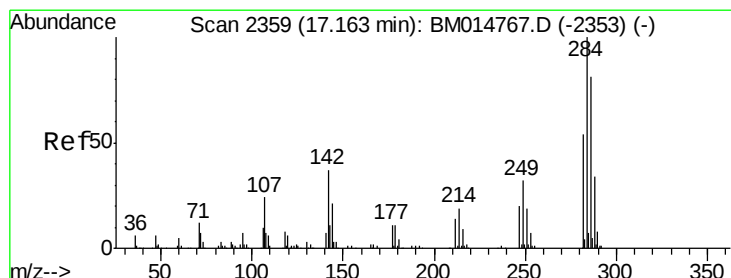
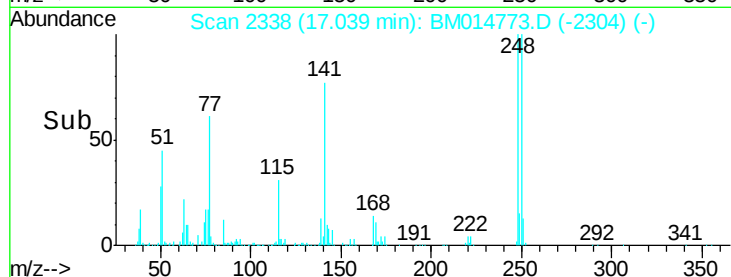
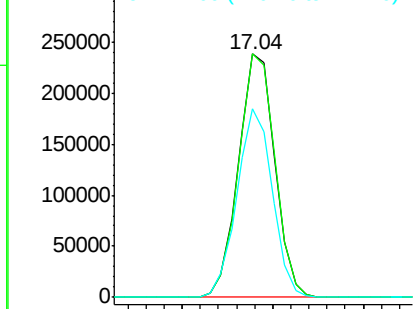
#65
4-Bromophenyl-phenylether
Concen: 19.062 ng/ul
RT: 17.04 min Scan# 2338
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Instrument :
BNA_M
ClientSampleId :
SSTD02092

Tot Ion:248 Resp: 333538
Ion Ratio Lower Upper
248 100
250 99.9 80.5 120.7
141 77.3 53.6 80.4

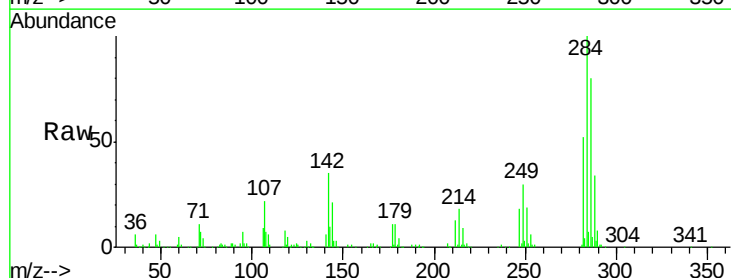


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

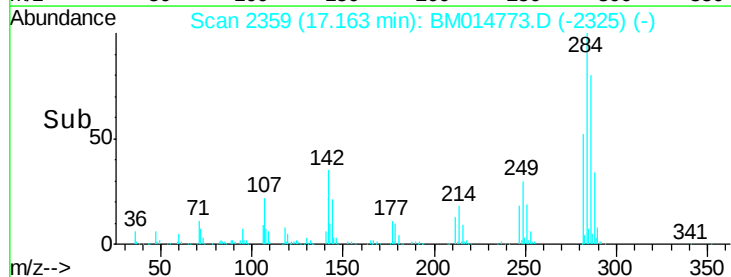
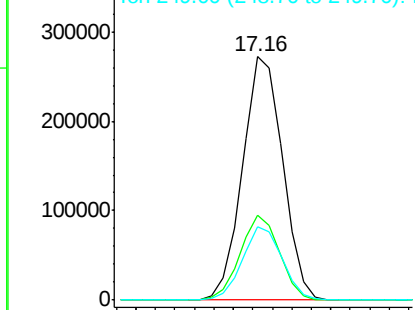


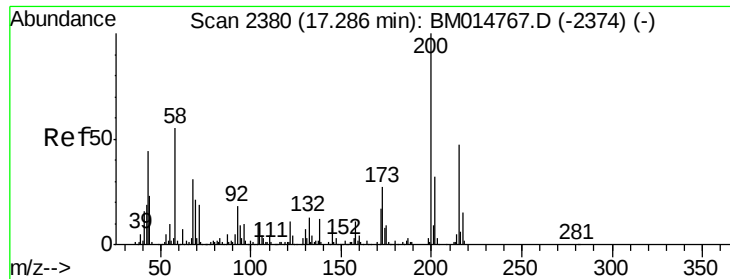
#66
Hexachlorobenzene
Concen: 19.104 ng/ul
RT: 17.16 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BM014773.D
Acq: 20 Apr 2018 21:07

Tgt Ion:284 Resp: 388374
Ion Ratio Lower Upper
284 100
142 35.1 21.2 31.8#
249 29.9 24.5 36.7



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

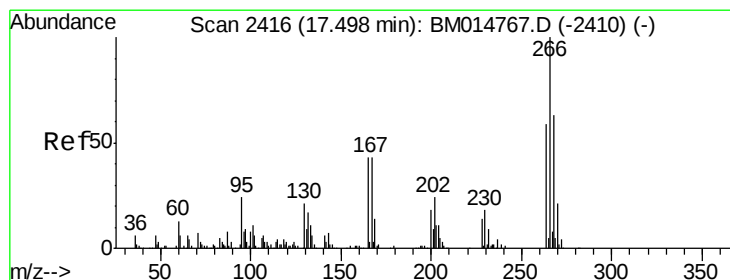
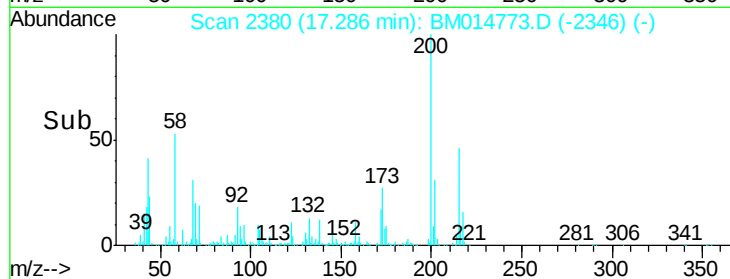
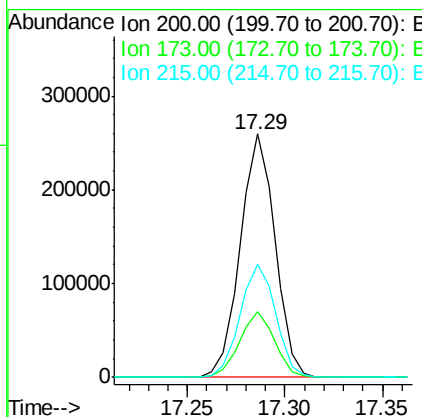
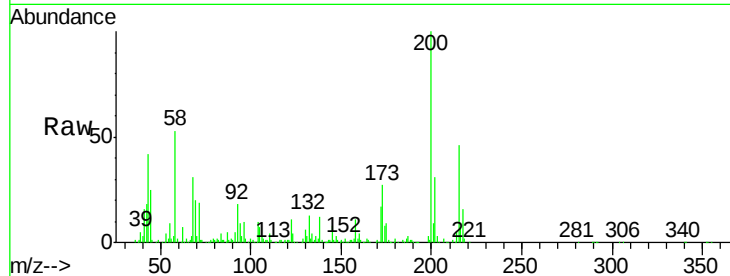




#67
 Atrazine
 Concen: 20.900 ng/ul
 RT: 17.29 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

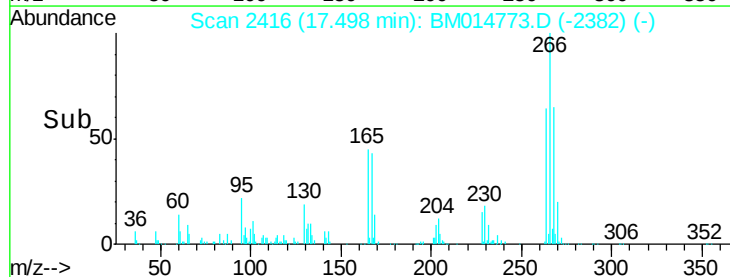
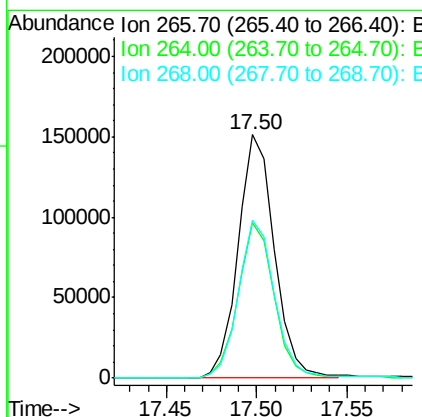
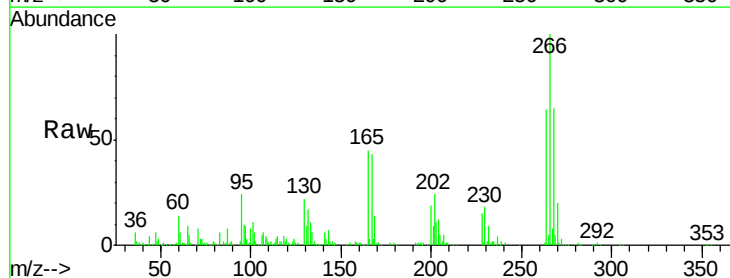
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

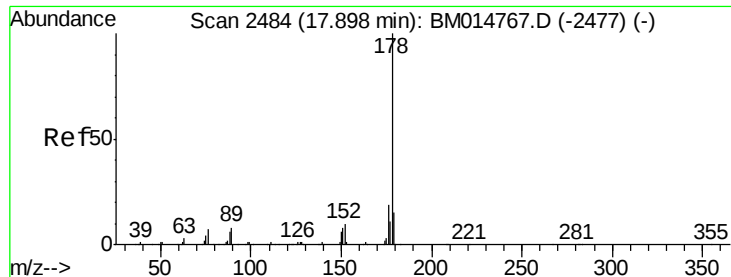
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	18.2	27.2
215	46.3	35.0	52.4



#68
 Pentachlorophenol
 Concen: 18.265 ng/ul
 RT: 17.50 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.9	49.3	73.9
268	64.8	52.6	78.8





#69

Phenanthrene

Concen: 18.945 ng/ul

RT: 17.90 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

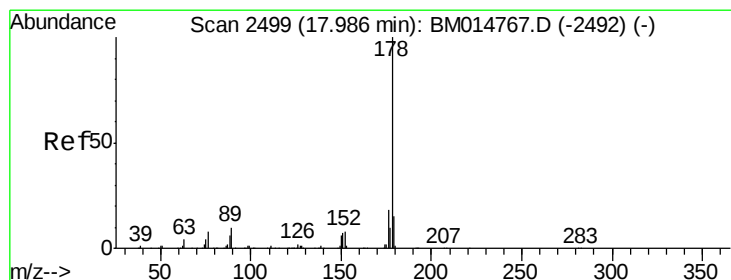
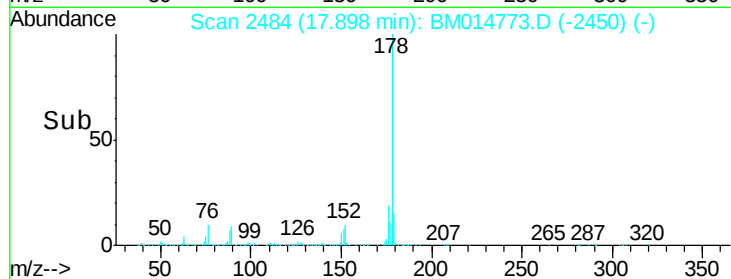
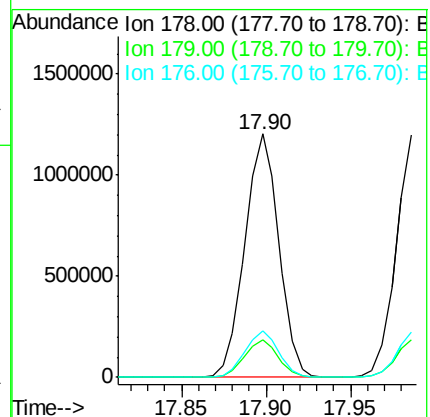
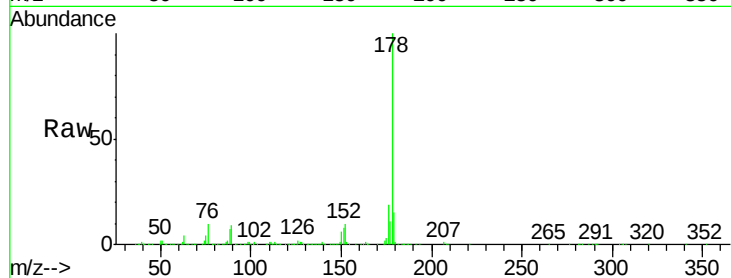
Tot Ion:178 Resp: 1685585

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	18.9	14.9	22.3

178 100

179 15.4 12.6 19.0

176 18.9 14.9 22.3



#71

Anthracene

Concen: 19.217 ng/ul

RT: 17.99 min Scan# 2499

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

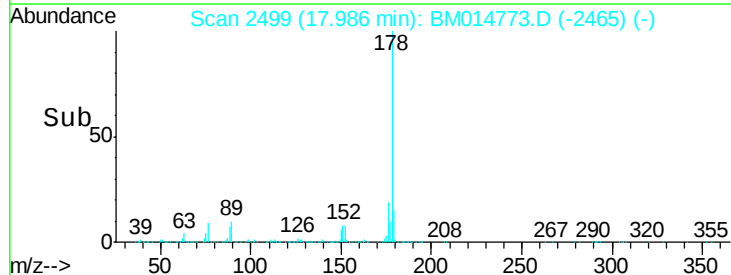
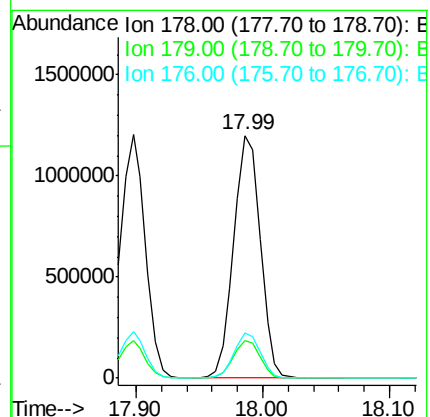
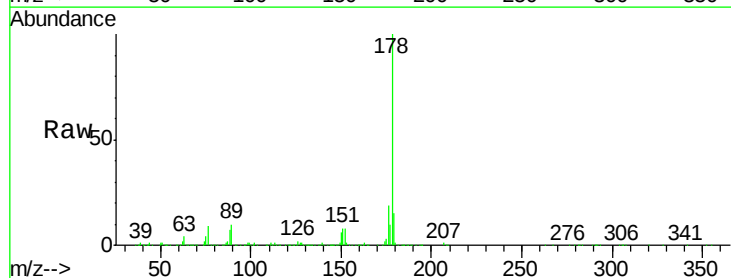
Tgt Ion:178 Resp: 1735244

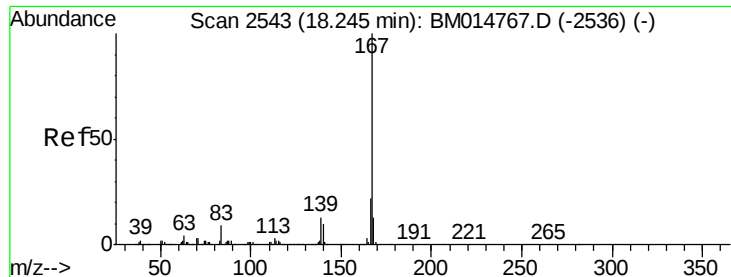
Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	18.6	14.6	21.8

178 100

179 15.3 11.7 17.5

176 18.6 14.6 21.8

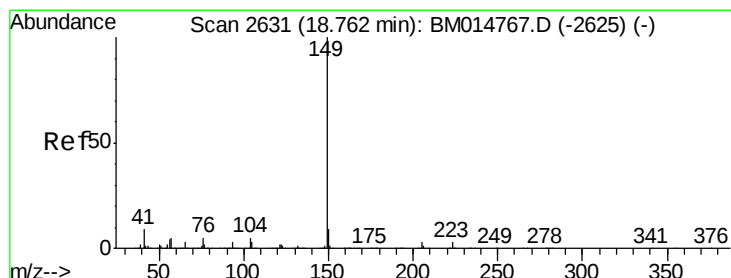
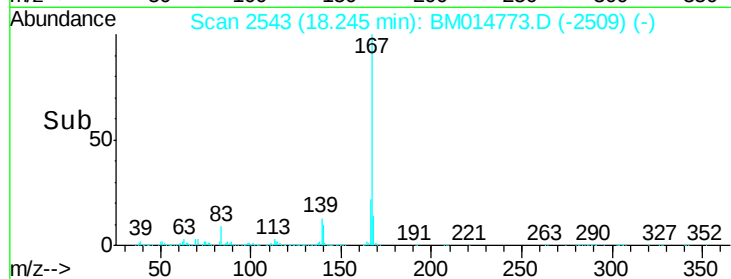
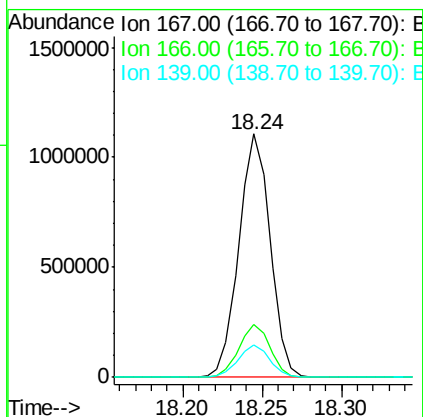
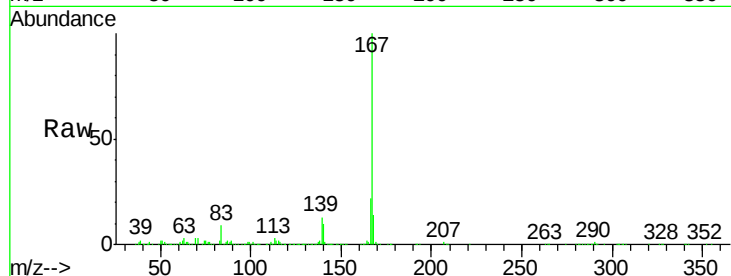




#72
 Carbazole
 Concen: 19.732 ng/ul
 RT: 18.24 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

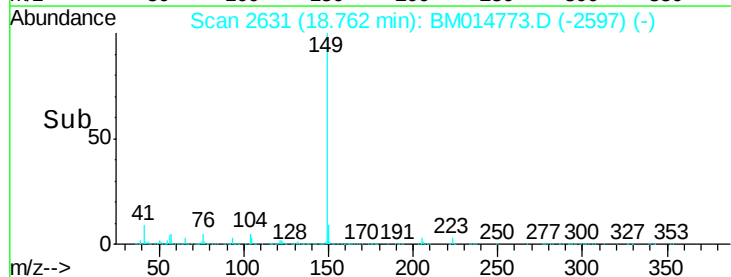
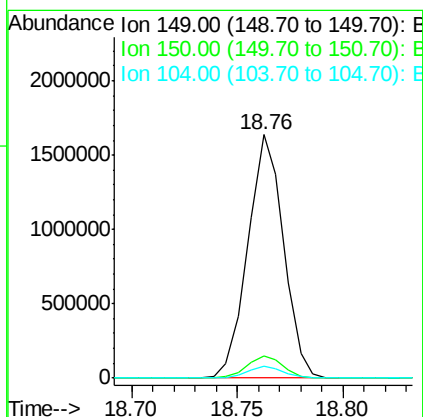
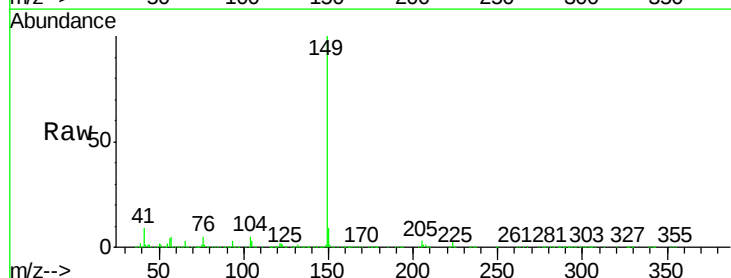
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02092

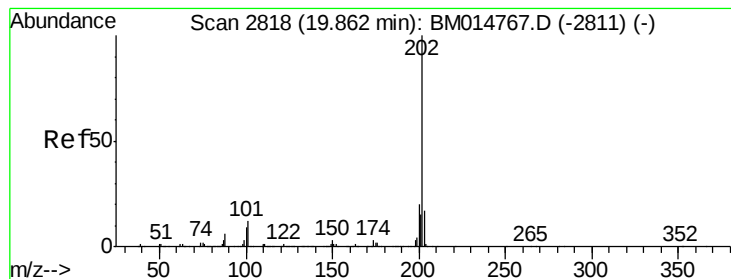
Tot Ion:167 Resp: 1519936
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.3 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 20.510 ng/ul
 RT: 18.76 min Scan# 2631
 Delta R.T. -0.00 min
 Lab File: BM014773.D
 Acq: 20 Apr 2018 21:07

Tgt Ion:149 Resp: 1921189
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.1 10.7
 104 4.8 5.6 8.4#





#74

Fluoranthene

Concen: 19.162 ng/ul

RT: 19.86 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

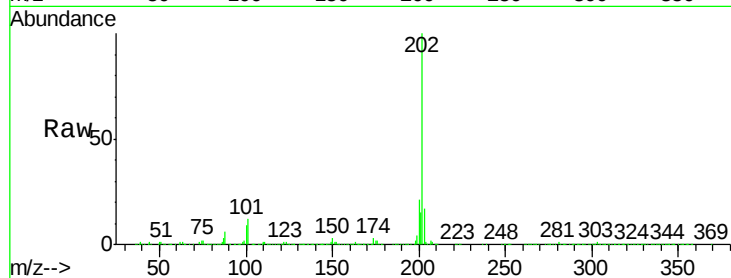
Tot Ion:202 Resp: 1858806

Ion Ratio Lower Upper

202 100

101 11.8 4.6 7.0#

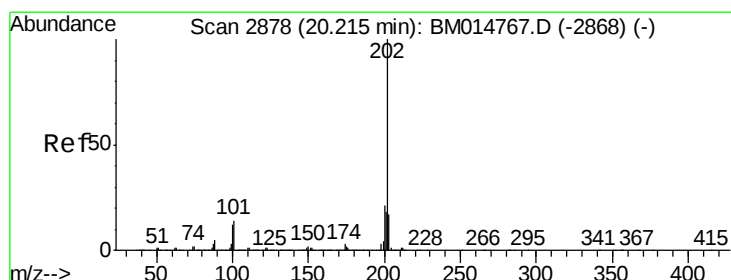
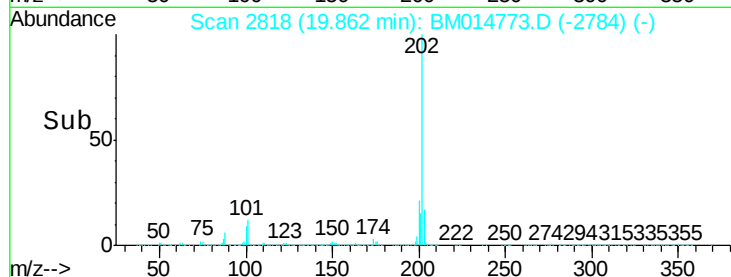
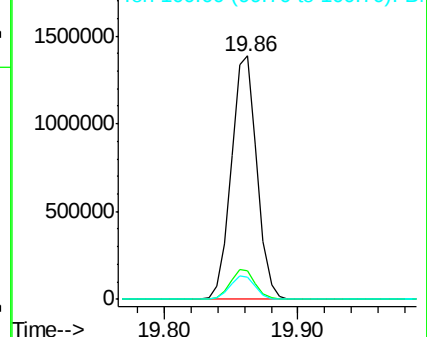
100 9.2 3.4 5.2#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.007 ng/ul

RT: 20.22 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

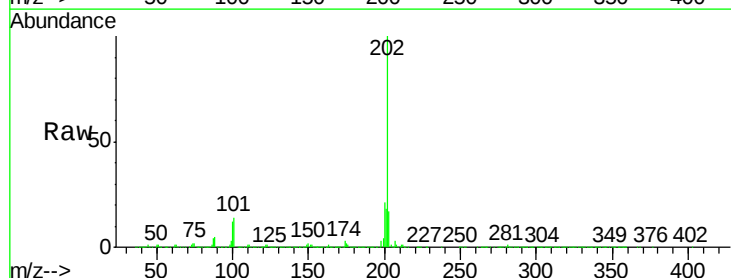
Tgt Ion:202 Resp: 1856838

Ion Ratio Lower Upper

202 100

101 14.5 5.1 7.7#

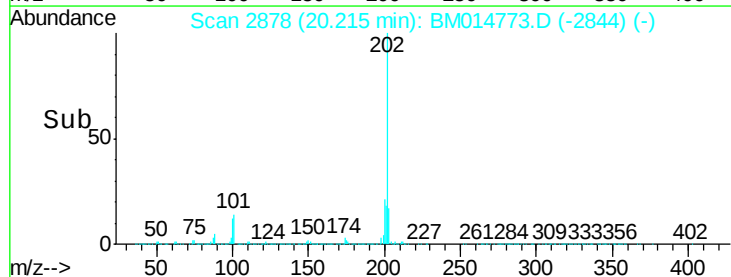
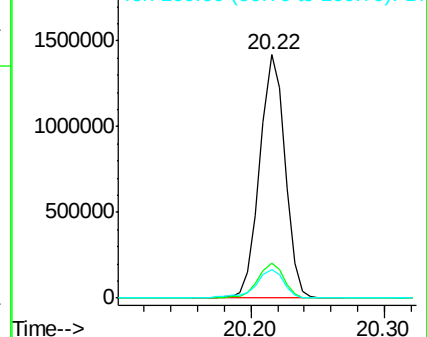
100 11.9 4.9 7.3#

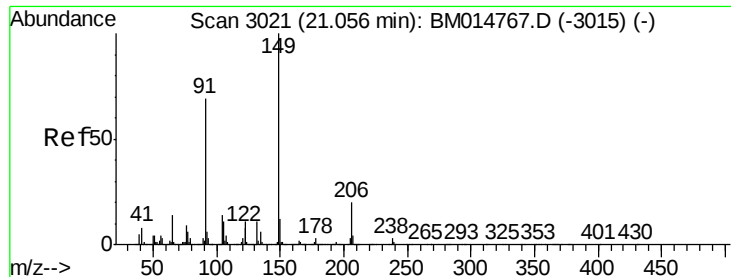


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#78

Butylbenzylphthalate

Concen: 22.713 ng/ul

RT: 21.05 min Scan# 3020

Delta R.T. -0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

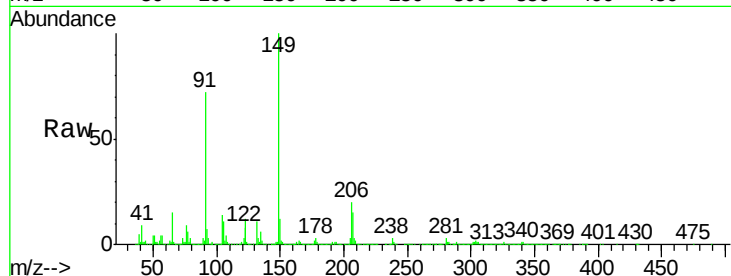
Tot Ion:149 Resp: 859992

Ion Ratio Lower Upper

149 100

91 71.5 62.7 94.1

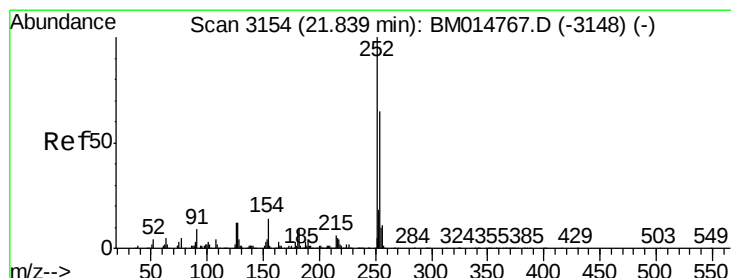
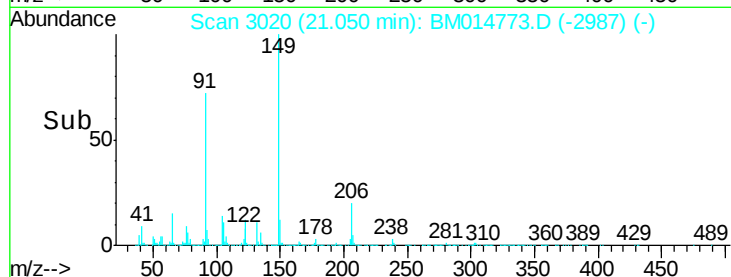
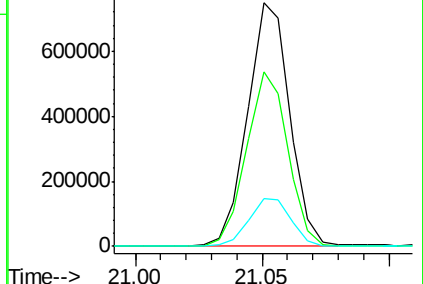
206 19.7 20.8 31.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 22.202 ng/ul

RT: 21.84 min Scan# 3154

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

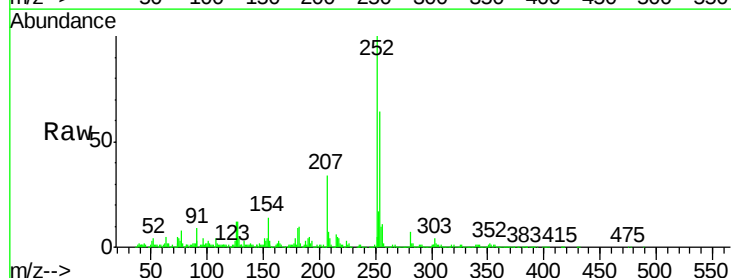
Tgt Ion:252 Resp: 672843

Ion Ratio Lower Upper

252 100

254 64.2 54.5 81.7

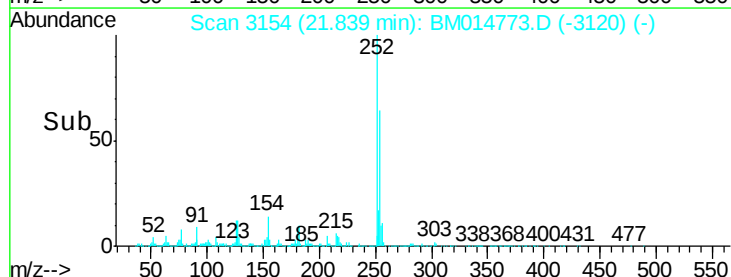
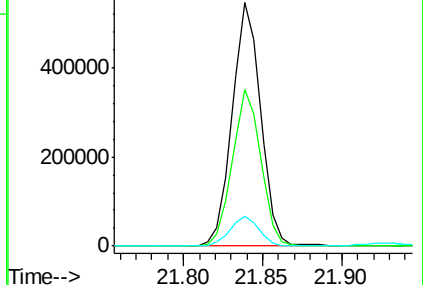
126 12.0 5.8 8.8#

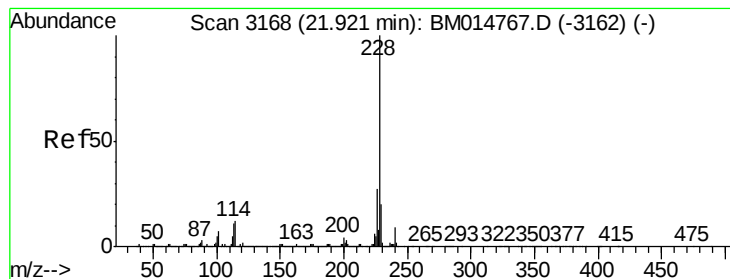


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.644 ng/ul

RT: 21.92 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

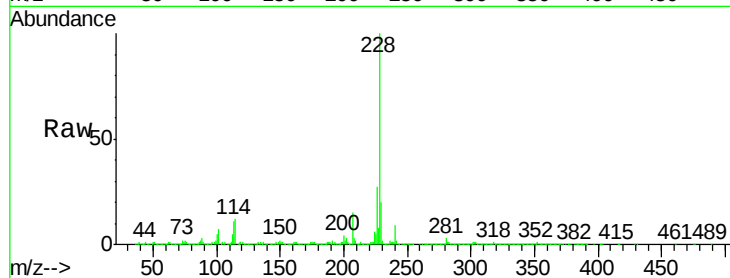
Tot Ion:228 Resp: 1824725

Ion Ratio Lower Upper

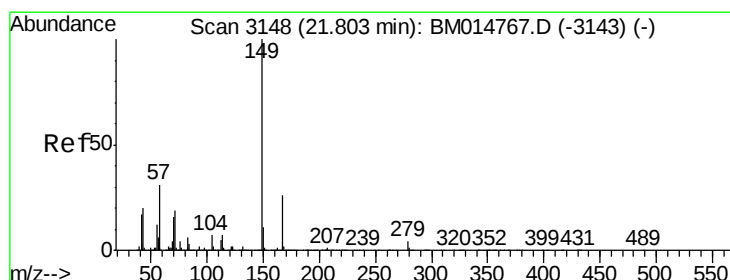
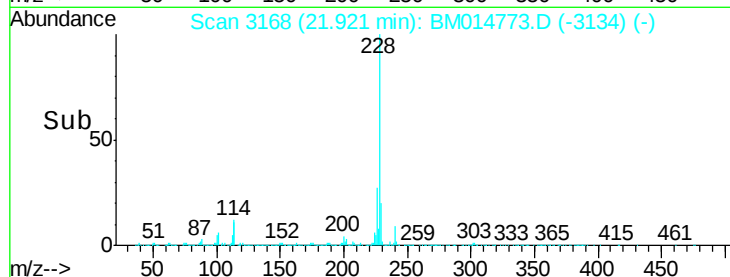
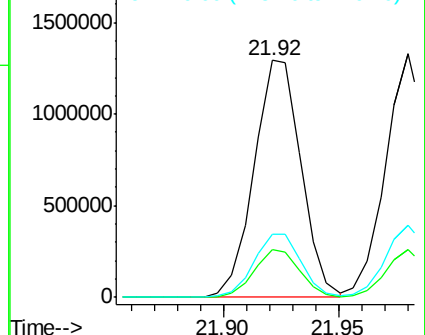
228 100

229 20.0 15.4 23.0

226 26.7 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 22.245 ng/ul

RT: 21.80 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

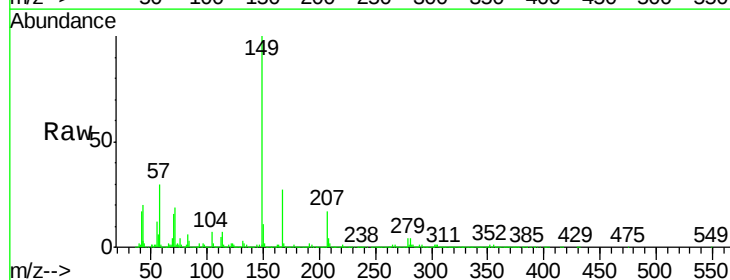
Tgt Ion:149 Resp: 1236350

Ion Ratio Lower Upper

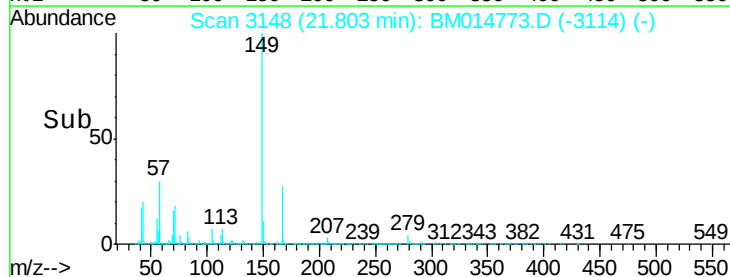
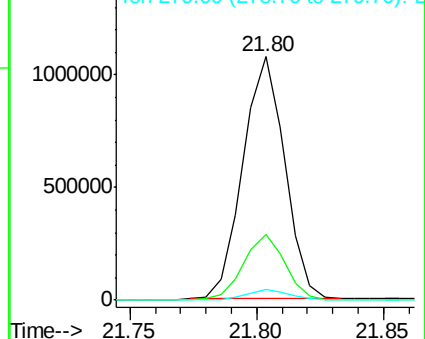
149 100

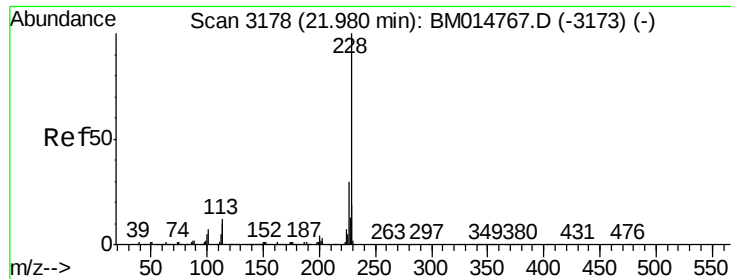
167 26.9 22.8 34.2

279 4.4 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.577 ng/ul

RT: 21.98 min Scan# 3178

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

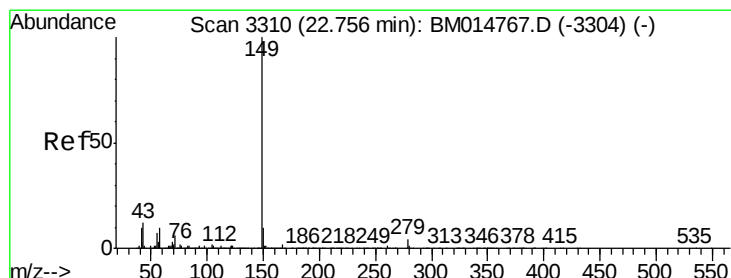
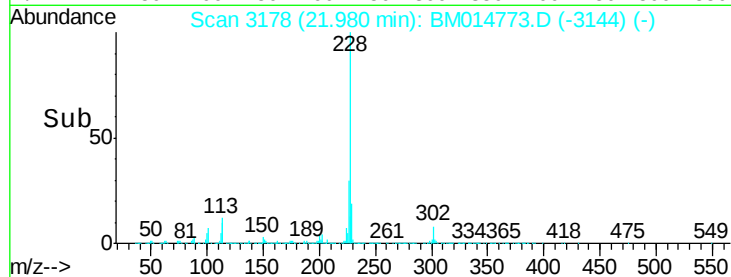
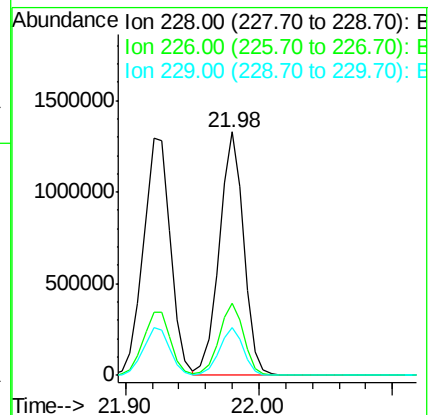
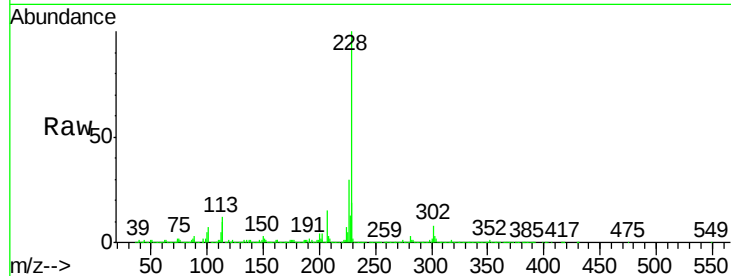
Tot Ion:228 Resp: 1702368

Ion Ratio Lower Upper

228 100

226 29.8 23.4 35.2

229 19.4 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 21.343 ng/ul

RT: 22.76 min Scan# 3310

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

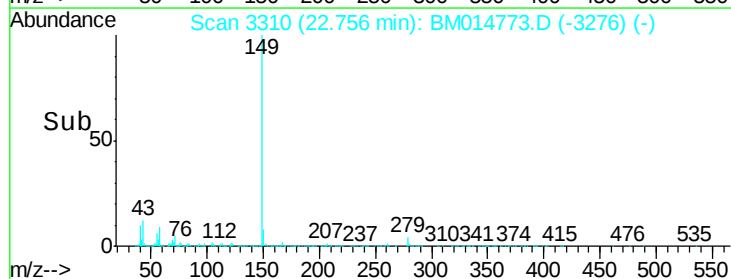
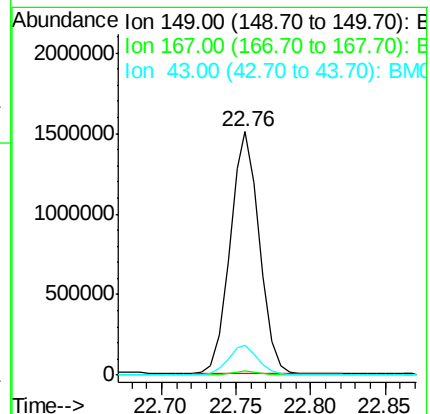
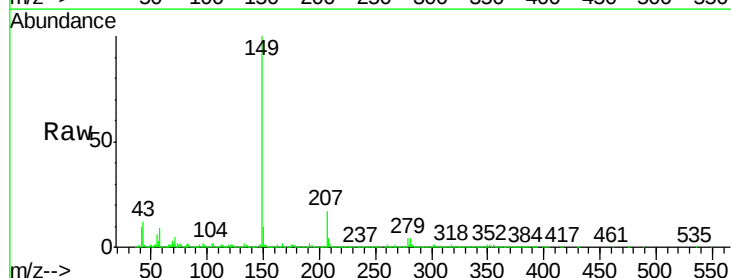
Tgt Ion:149 Resp: 2064970

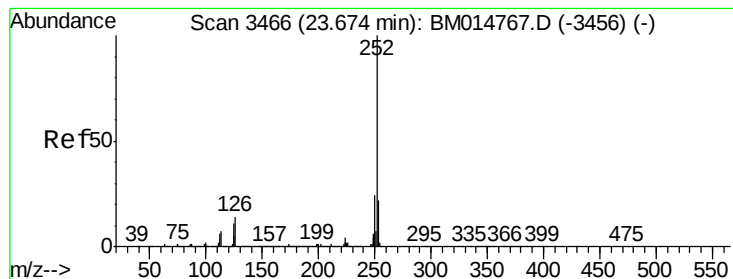
Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 12.1 7.3 10.9#





#85

Benzo(b)fluoranthene

Concen: 18.688 ng/ul

RT: 23.67 min Scan# 3466

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

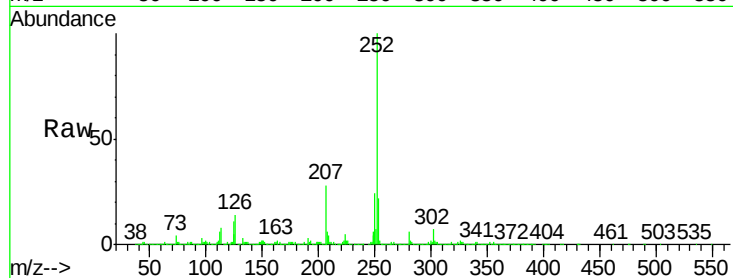
Tot Ion:252 Resp: 1853140

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

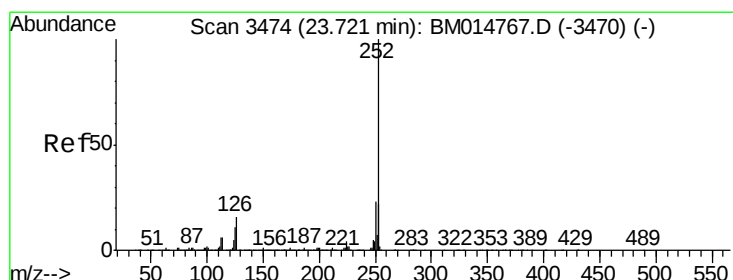
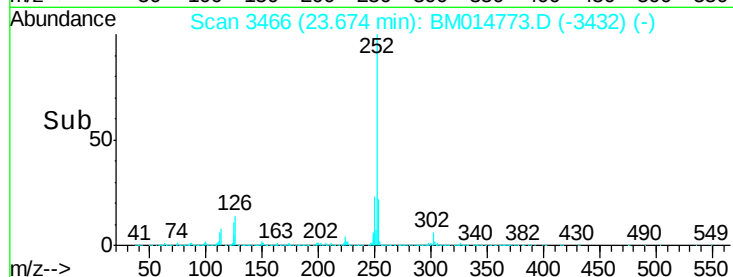
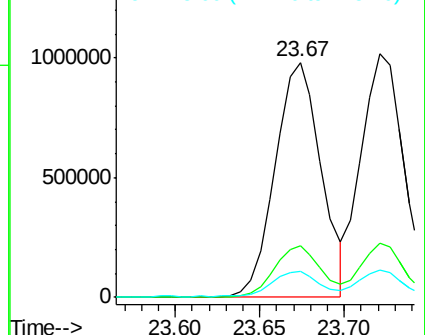
125 11.0 3.6 5.4#



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: 18.589 ng/ul

RT: 23.72 min Scan# 3474

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

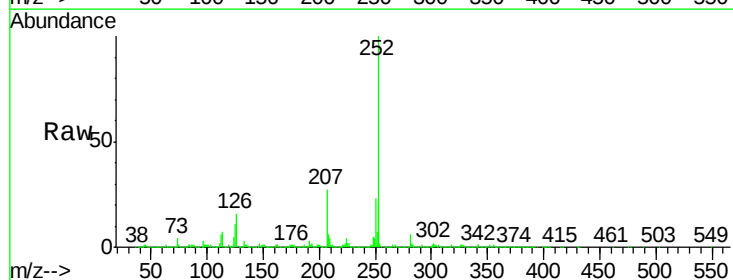
Tgt Ion:252 Resp: 1772541

Ion Ratio Lower Upper

252 100

253 22.1 17.1 25.7

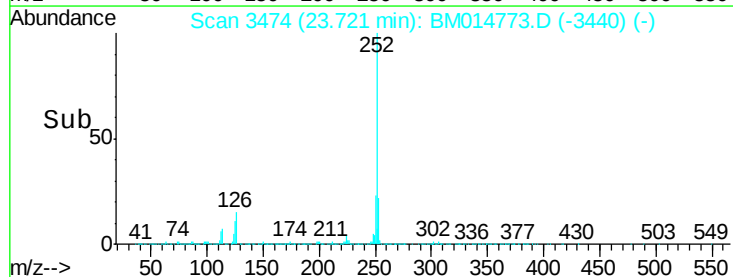
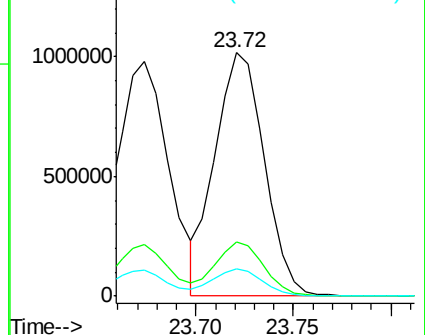
125 11.1 3.4 5.2#

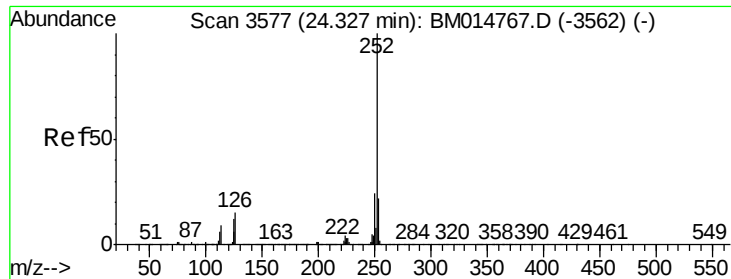


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 19.197 ng/ul

RT: 24.33 min Scan# 3577

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

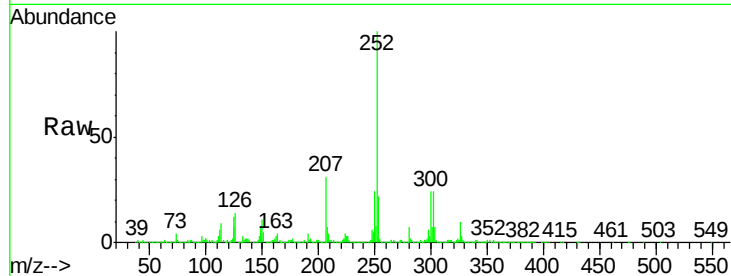
Tot Ion:252 Resp: 1805787

Ion Ratio Lower Upper

252 100

253 22.0 18.2 27.2

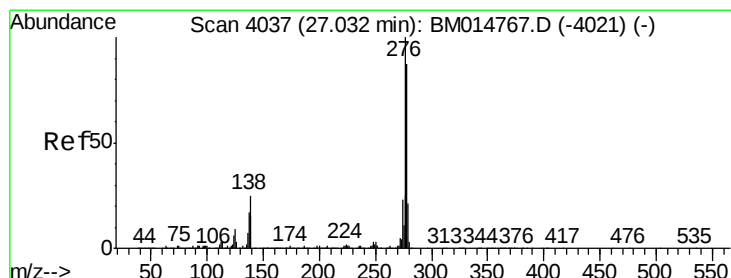
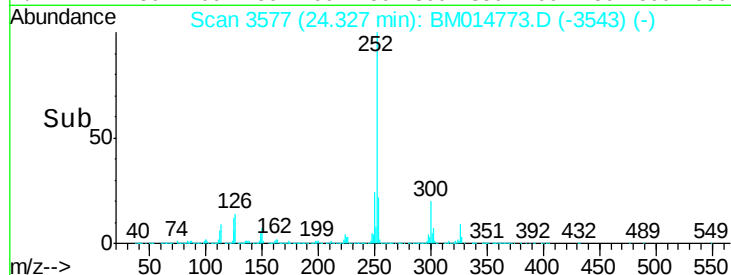
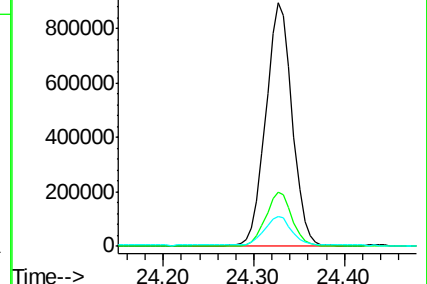
125 12.2 4.0 6.0#



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: 19.052 ng/ul

RT: 27.03 min Scan# 4036

Delta R.T. -0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

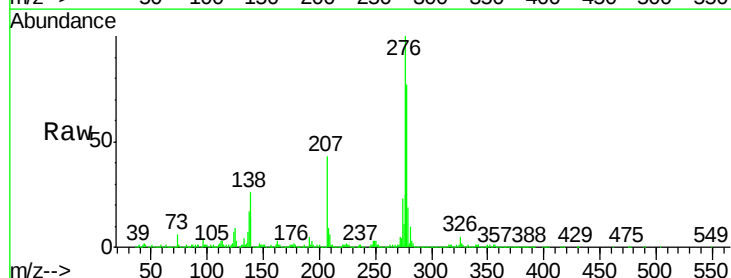
Tgt Ion:276 Resp: 2168033

Ion Ratio Lower Upper

276 100

138 26.2 9.3 13.9#

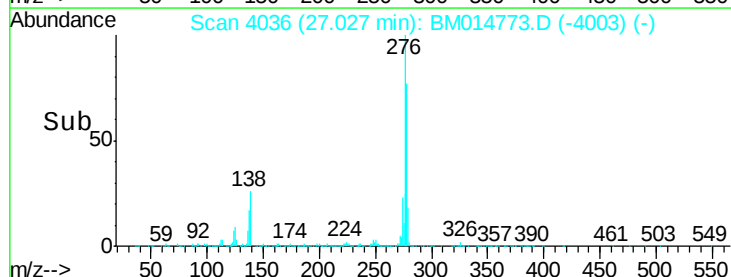
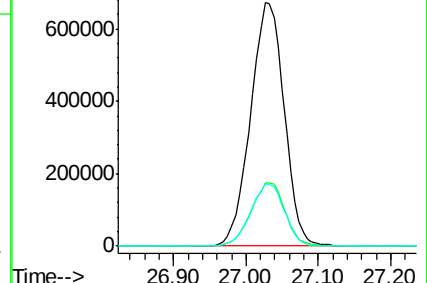
277 25.3 19.9 29.9

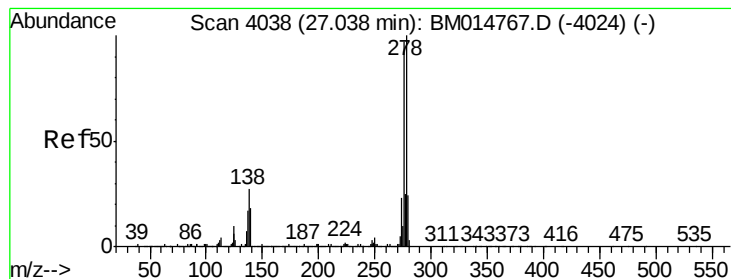


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 19.145 ng/ul

RT: 27.04 min Scan# 4038

Delta R.T. -0.00 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

Instrument :

BNA_M

ClientSampleId :

SSTD02092

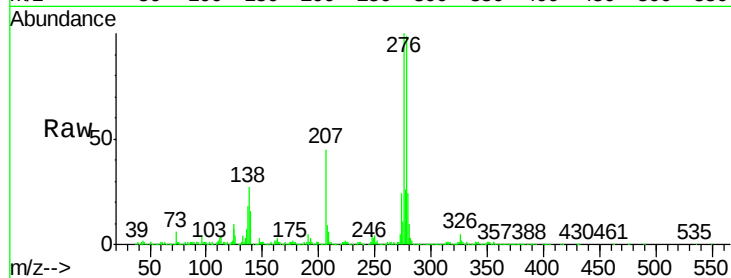
Tot Ion:278 Resp: 1834369

Ion Ratio Lower Upper

278 100

139 16.4 5.8 8.8#

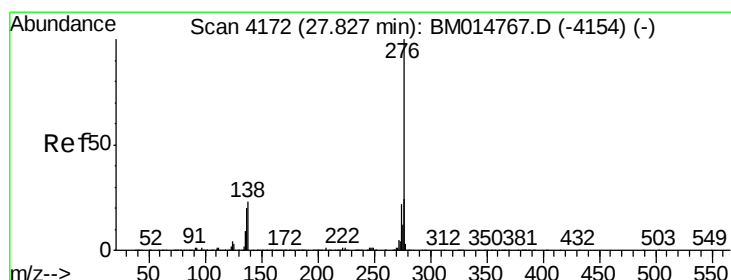
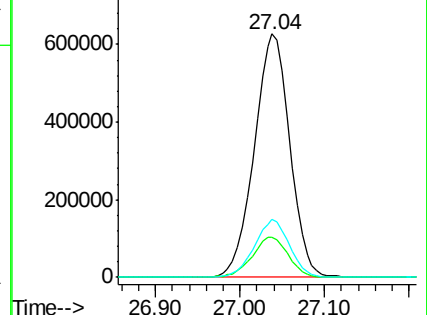
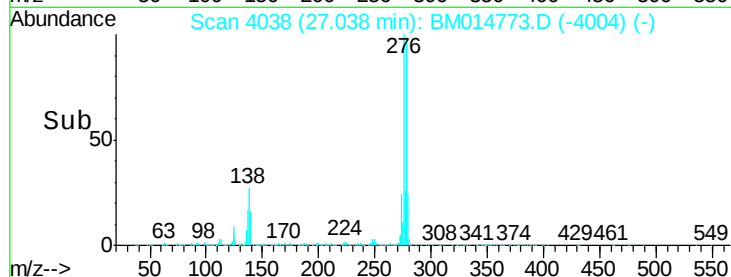
279 23.8 18.6 27.8



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: 19.073 ng/ul

RT: 27.83 min Scan# 4173

Delta R.T. 0.01 min

Lab File: BM014773.D

Acq: 20 Apr 2018 21:07

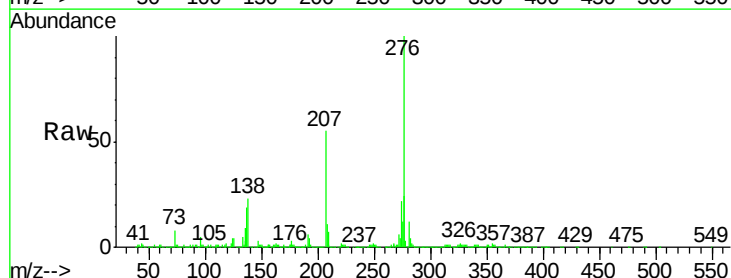
Tgt Ion:276 Resp: 1785554

Ion Ratio Lower Upper

276 100

138 23.0 8.5 12.7#

277 24.1 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

