

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031317\
 Data File : BM009230.D
 Acq On : 13 Mar 2017 22:33
 Operator : SJ/MA
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Quant Time: Mar 14 04:32:08 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 13 18:31:21 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	110798	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	537118	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	407361	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1109216	20.00	ng/ul	0.00
77) Chrysene-d12	21.44	240	1653409	20.00	ng/ul	0.00
85) Perylene-d12	23.77	264	1650180	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	19899	7.91	ng/uL	0.00
5) Phenol-d5	7.03	99	215507	17.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.21	67	155375	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	141548	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	179200	18.74	ng/ul	0.00
19) Nitrobenzene-d5	9.05	128	73329	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.76	143	79843	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	174298	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.82	131	219747	20.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	681092	22.01	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	784578	22.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	129912	21.15	ng/ul	0.00
57) Fluorene-d10	15.51	176	608455	22.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.63	200	123369	18.59	ng/ul	0.00
70) Anthracene-d10	17.37	188	1053246	20.06	ng/ul	0.00
78) Pyrene-d10	19.66	212	1306722	19.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.62	264	1491020	19.75	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.38	88	23475	8.80	ng/uL#	72
4) Benzaldehyde	7.03	77	171619	21.36	ng/ul#	78
6) Phenol	7.06	94	231002	18.05	ng/ul#	77
8) Bis(2-Chloroethyl)ether	7.30	93	170156	18.56	ng/ul#	79
10) 2-Chlorophenol	7.44	128	146735	19.42	ng/ul#	76
11) 2-Methylphenol	8.31	108	170254	18.36	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.41	45	296541	19.42	ng/ul#	87
14) Acetophenone	8.70	105	303344	18.89	ng/ul#	72
15) N-Nitroso-di-n-propylamine	8.68	70	191954	19.49	ng/ul#	79
16) 4-Methylphenol	8.64	108	190117	18.08	ng/ul	89
17) Hexachloroethane	8.96	117	64506	19.50	ng/ul	90
20) Nitrobenzene	9.09	77	259641	20.30	ng/ul#	75
21) Isophorone	9.60	82	494723	19.55	ng/ul#	91
23) 2-Nitrophenol	9.80	139	89369	19.28	ng/ul#	70
24) 2,4-Dimethylphenol	9.85	107	237952	20.01	ng/ul#	93
25) Bis(2-Chloroethoxy)methane	10.09	93	272361	19.64	ng/ul#	95
27) 2,4-Dichlorophenol	10.32	162	174020	19.33	ng/ul	98
28) Naphthalene	10.73	128	536415	19.47	ng/ul	97
30) 4-Chloroaniline	10.84	127	231927	20.18	ng/ul	99
31) Hexachlorobutadiene	11.00	225	122113	19.68	ng/ul	98
32) Caprolactam	11.61	113	36269	9.65	ng/ul#	17
33) 4-Chloro-3-methylphenol	11.96	107	231089	19.56	ng/ul	88
34) 2-Methylnaphthalene	12.34	142	428886	19.56	ng/ul	96

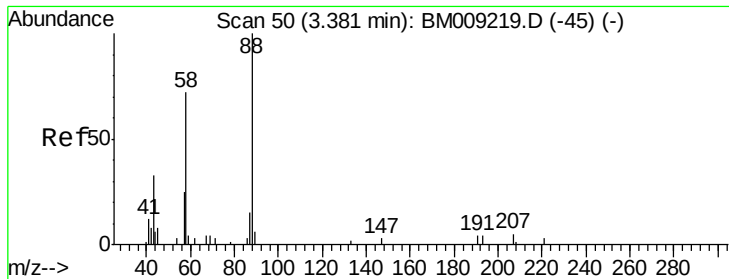
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 Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.70	216	261129	21.31	ng/ul	96
37) Hexachlorocyclopentadiene	12.68	237	139819	20.18	ng/ul	95
38) 2,4,6-Trichlorophenol	12.94	196	168804	21.73	ng/ul	96
39) 2,4,5-Trichlorophenol	13.02	196	186387	20.94	ng/ul	99
40) 1,1'-Biphenyl	13.35	154	613856	21.51	ng/ul#	95
41) 2-Chloronaphthalene	13.39	162	477327	21.61	ng/ul	95
42) 2-Nitroaniline	13.60	65	202704	22.34	ng/ul#	60
44) Dimethylphthalate	13.97	163	660017	21.27	ng/ul#	99
45) 2,6-Dinitrotoluene	14.10	165	130838	21.92	ng/ul#	74
47) Acenaphthylene	14.24	152	771670	21.66	ng/ul	99
48) 3-Nitroaniline	14.43	138	136757	21.51	ng/ul#	70
49) Acenaphthene	14.59	153	538686	21.50	ng/ul	96
50) 2,4-Dinitrophenol	14.64	184	78039	19.94	ng/ul#	82
52) 4-Nitrophenol	14.73	109	151058	21.05	ng/ul#	75
53) Dibenzofuran	14.92	168	804646	21.79	ng/ul	98
54) 2,4-Dinitrotoluene	14.89	165	204174	22.20	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	15.14	232	179887	21.06	ng/ul	92
56) Diethylphthalate	15.33	149	731788	22.52	ng/ul	98
58) Fluorene	15.57	166	695765	21.83	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.56	204	362848	22.16	ng/ul	91
60) 4-Nitroaniline	15.59	138	163971	22.72	ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.64	198	129144	18.53	ng/ul#	75
64) N-Nitrosodiphenylamine	15.77	169	623827	20.01	ng/ul	99
65) 4-Bromophenyl-phenylether	16.46	248	238439	19.90	ng/ul	90
66) Hexachlorobenzene	16.56	284	257437	19.31	ng/ul	97
67) Atrazine	16.72	200	242006	18.57	ng/ul	96
68) Pentachlorophenol	16.91	266	151940	17.35	ng/ul	97
69) Phenanthrene	17.31	178	1226677	19.87	ng/ul	97
71) Anthracene	17.40	178	1252419	19.89	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.32	216	250874	19.25	ng/uL	93
73) Pentachlorobenzene	14.83	250	270687	19.35	ng/uL	95
74) Carbazole	17.67	167	1147846	19.53	ng/ul	98
75) Di-n-butylphthalate	18.22	149	1292030	19.08	ng/ul#	98
76) Fluoranthene	19.32	202	1579809	20.30	ng/ul	97
79) Pyrene	19.69	202	1678735	19.54	ng/ul	96
80) Butylbenzylphthalate	20.57	149	618477	17.92	ng/ul#	76
81) 3,3'-Dichlorobenzidine	21.36	252	648783	20.72	ng/ul	95
82) Benzo(a)anthracene	21.42	228	1836296	19.43	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	937123	17.44	ng/ul	99
84) Chrysene	21.47	228	1740115	19.52	ng/ul	99
86) Di-n-octyl phthalate	22.24	149	1684098	18.98	ng/ul#	86
87) Benzo(b)fluoranthene	23.07	252	1883935	19.32	ng/ul#	97
88) Benzo(k)fluoranthene	23.11	252	1873202	20.09	ng/ul#	97
90) Benzo(a)pyrene	23.67	252	1865372	19.68	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	26.16	276	2178723	19.16	ng/ul#	90
92) Dibenzo(a,h)anthracene	26.17	278	1825096	18.97	ng/ul#	93
93) Benzo(g,h,i)perylene	26.89	276	1802022	19.14	ng/ul#	91

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



#2

1,4-Dioxane

Concen: 8.80 ng/uL

RT: 3.38 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

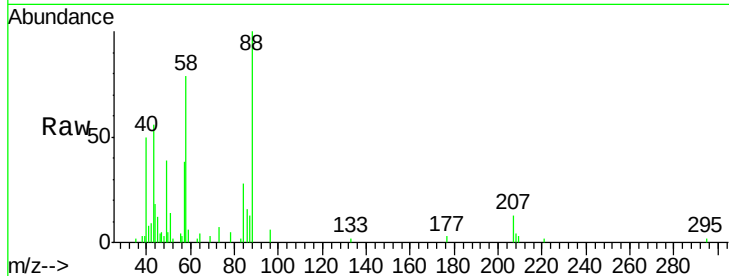
Tgt Ion: 88 Resp: 23475

Ion Ratio Lower Upper

88 100

43 42.2 21.0 31.6#

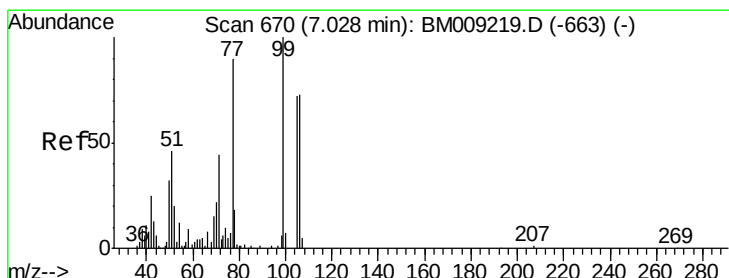
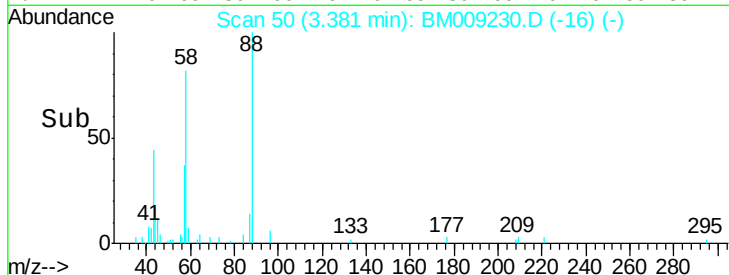
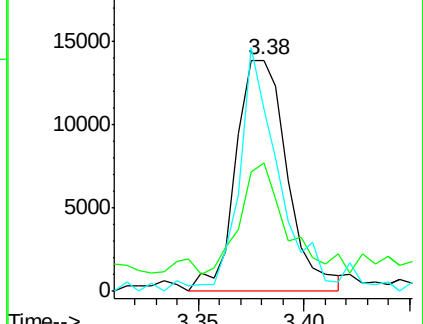
58 79.8 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): BM009219.D (-45) (-)

Ion 43.00 (42.70 to 43.70): BM009219.D (-45) (-)

Ion 58.00 (57.70 to 58.70): BM009219.D (-45) (-)



#4

Benzaldehyde

Concen: 21.36 ng/uL

RT: 7.03 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

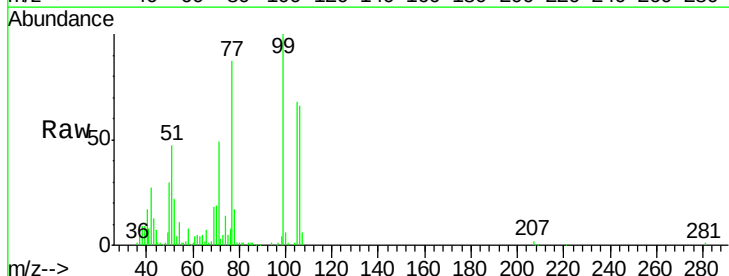
Tgt Ion: 77 Resp: 171619

Ion Ratio Lower Upper

77 100

105 77.8 80.6 120.8#

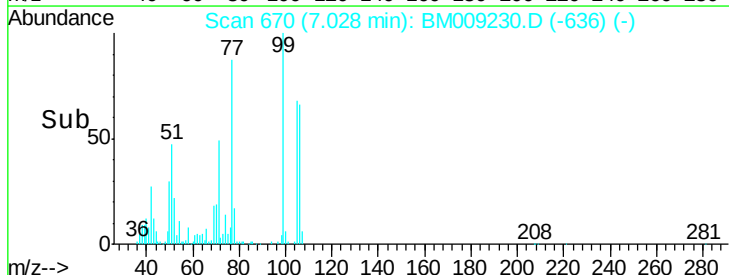
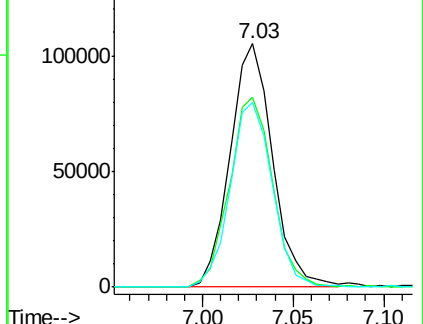
106 75.9 77.7 116.5#

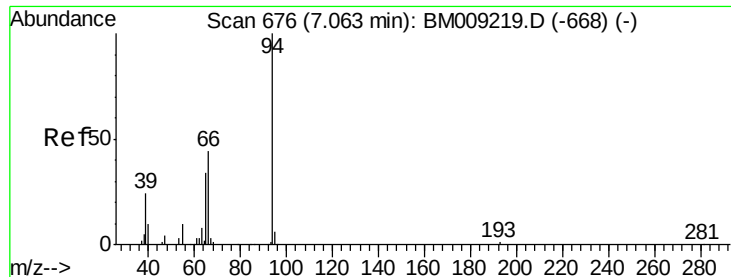


Abundance Ion 77.00 (76.70 to 77.70): BM009219.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM009219.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM009219.D (-663) (-)





#6

Phenol

Concen: 18.05 ng/ul

RT: 7.06 min Scan# 676

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

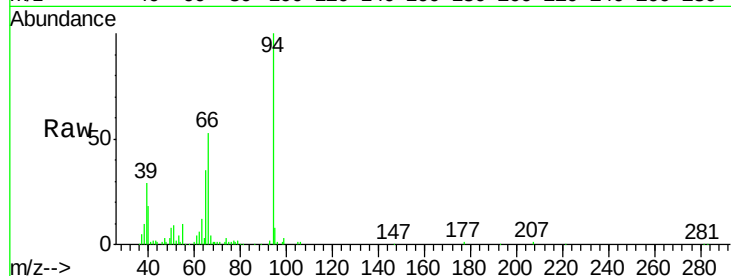
Tgt Ion: 94 Resp: 231002

Ion Ratio Lower Upper

94 100

65 35.3 21.0 31.6#

66 53.0 29.3 43.9#

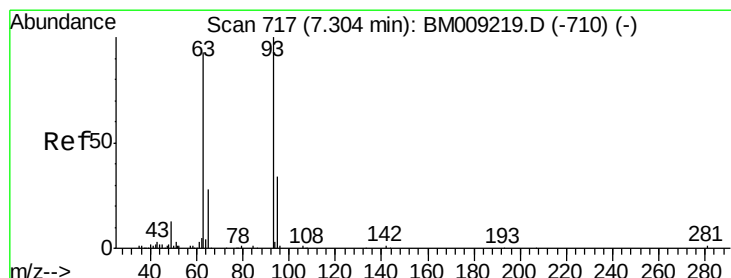
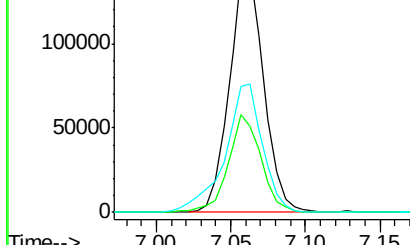
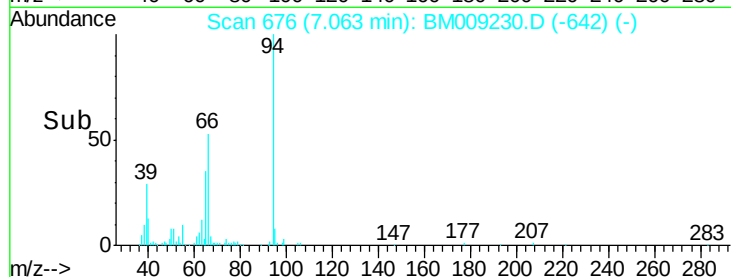


Abundance Ion 94.00 (93.70 to 94.70): BM009230.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM009230.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM009230.D (-642) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 18.56 ng/ul

RT: 7.30 min Scan# 717

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

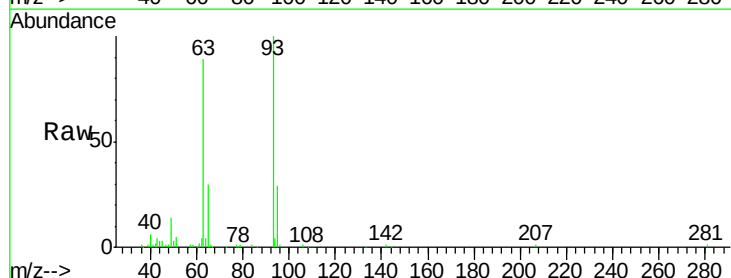
Tgt Ion: 93 Resp: 170156

Ion Ratio Lower Upper

93 100

63 89.3 53.5 80.3#

95 29.2 26.2 39.2

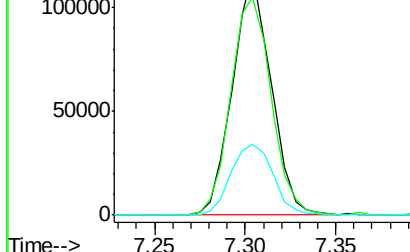
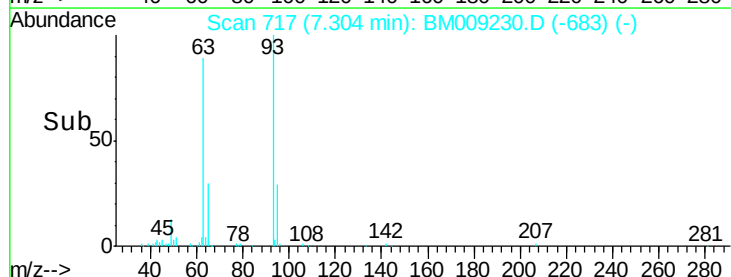


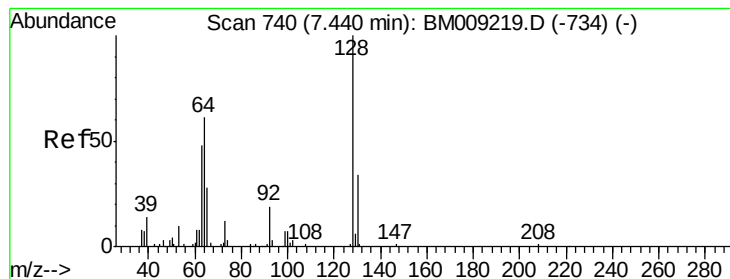
Abundance Ion 93.00 (92.70 to 93.70): BM009230.D (-683) (-)

Ion 63.00 (62.70 to 63.70): BM009230.D (-683) (-)

Ion 95.00 (94.70 to 95.70): BM009230.D (-683) (-)

Time-->





#10

2-Chlorophenol

Concen: 19.42 ng/ul

RT: 7.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

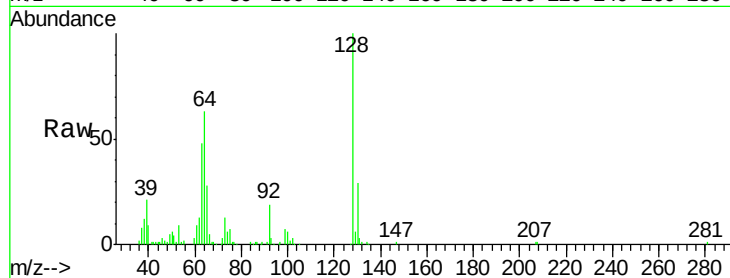
Tgt Ion:128 Resp: 146735

Ion Ratio Lower Upper

128 100

64 63.2 31.9 47.9#

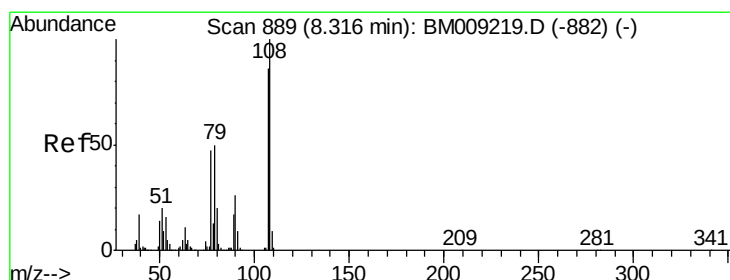
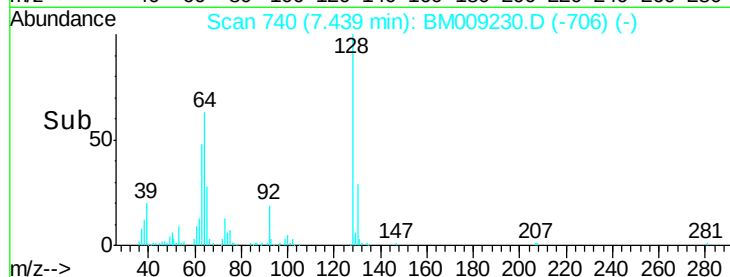
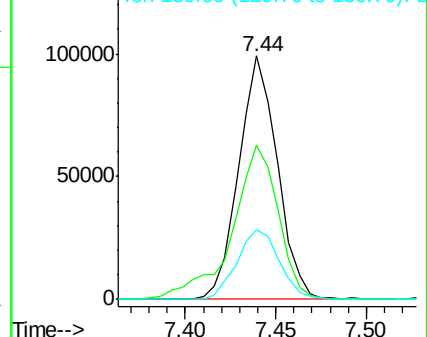
130 28.6 25.6 38.4



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: 18.36 ng/ul

RT: 8.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BM009230.D

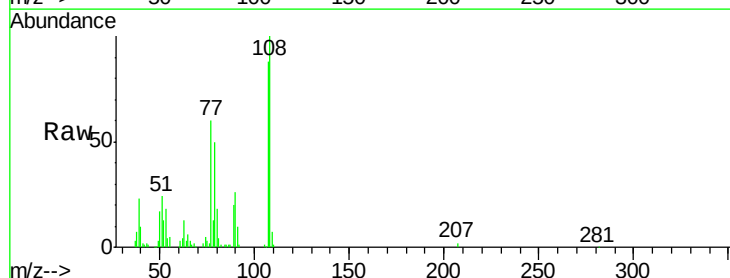
Acq: 13 Mar 2017 22:33

Tgt Ion:108 Resp: 170254

Ion Ratio Lower Upper

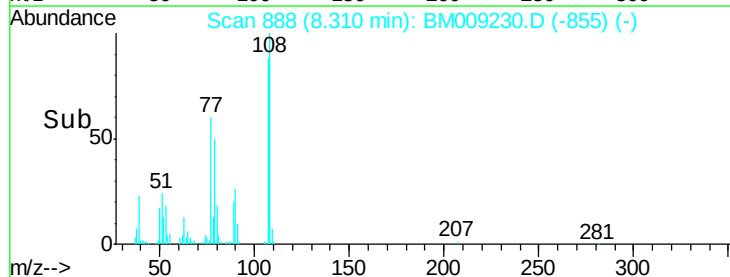
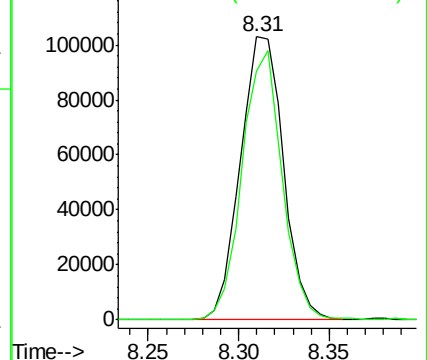
108 100

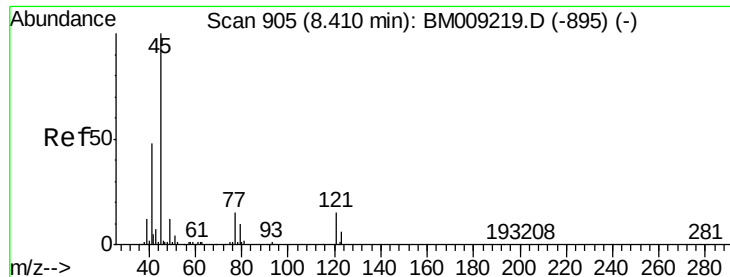
107 87.9 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

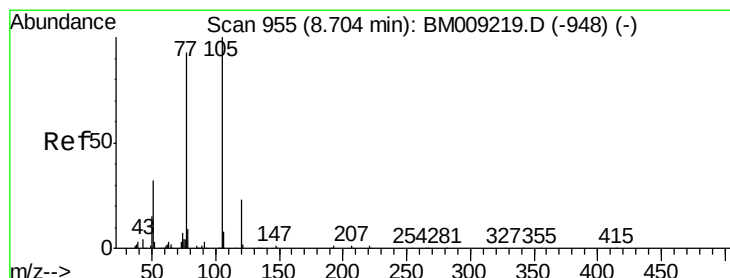
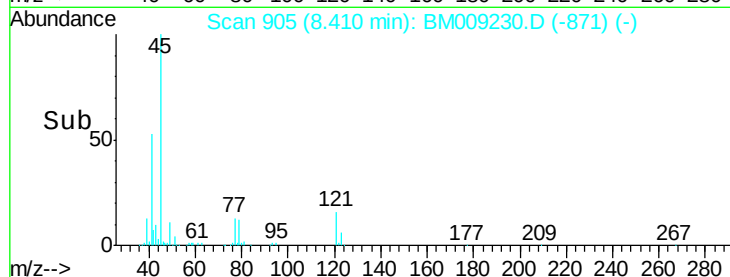
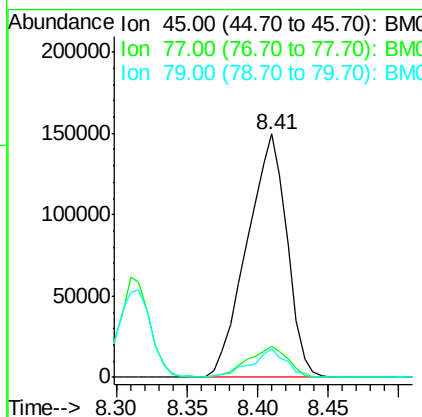
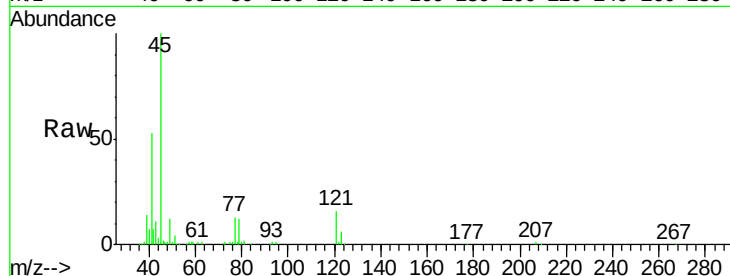




#12
 2,2'-oxybis(1-chloropropane)
 Concen: 19.42 ng/ul
 RT: 8.41 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

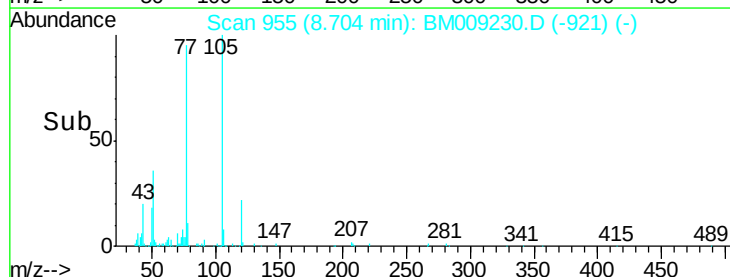
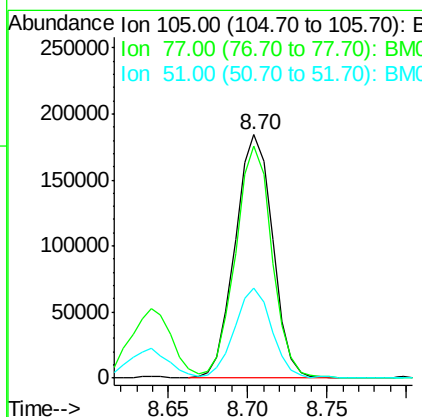
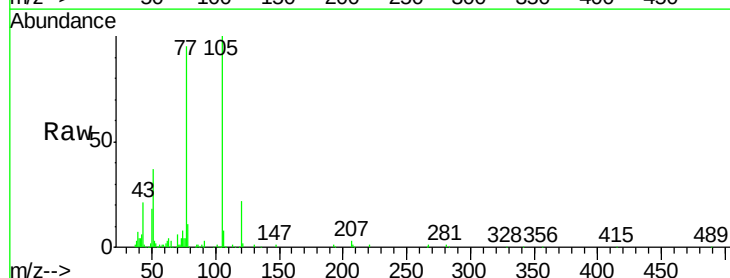
Instrument :
 BNA_M
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 SSTD02034

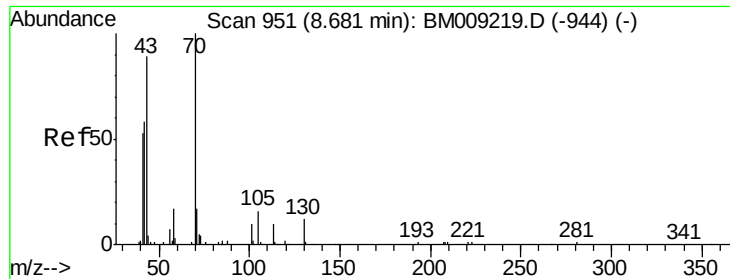
Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	15.9	23.9#
79	11.9	12.5	18.7#



#14
 Acetophenone
 Concen: 18.89 ng/ul
 RT: 8.70 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
105	100		
77	95.5	59.0	88.4#
51	36.9	16.4	24.6#

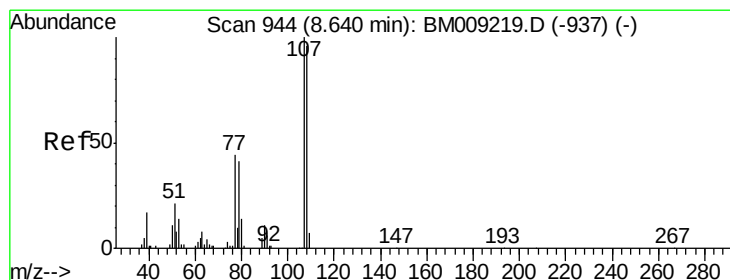
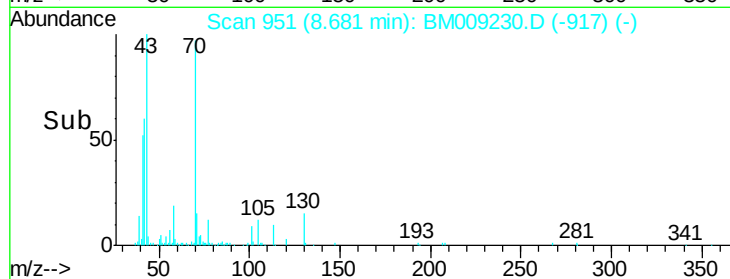
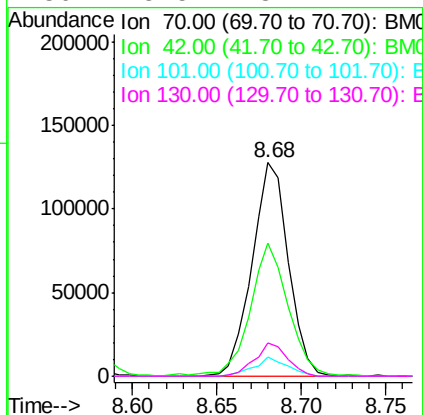
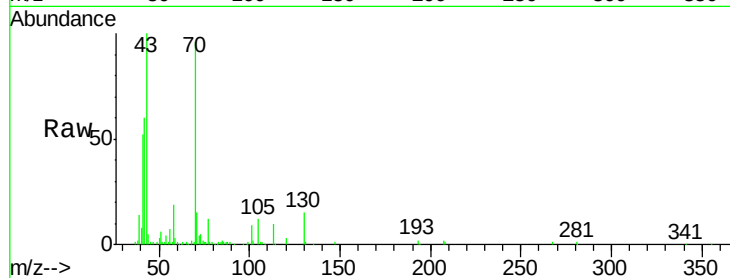




#15
N-Nitroso-di-n-propylamine
Concen: 19.49 ng/ul
RT: 8.68 min Scan# 951
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

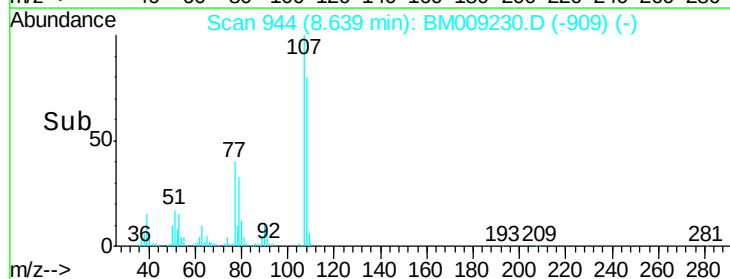
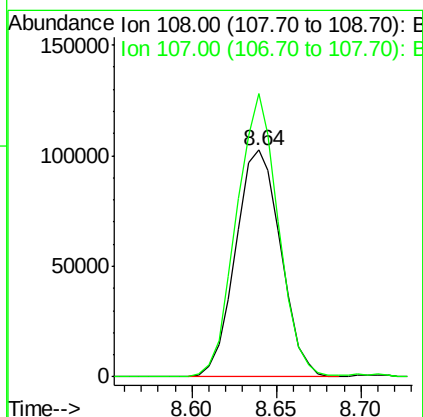
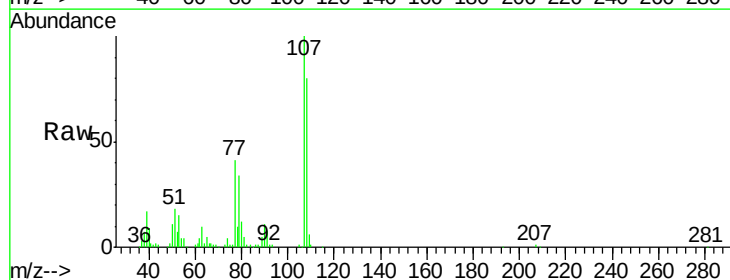
Instrument :
BNA_M
ClientSampleId :
SSTD02034

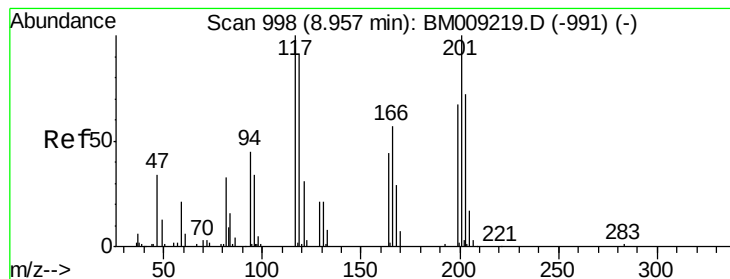
Tgt Ion:	70	Resp:	191954
Ion	Ratio	Lower	Upper
70	100		
42	62.2	35.4	53.0#
101	9.1	8.4	12.6
130	15.5	18.2	27.4#



#16
4-Methylphenol
Concen: 18.08 ng/ul
RT: 8.64 min Scan# 944
Delta R.T. 0.01 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion:	108	Resp:	190117
Ion	Ratio	Lower	Upper
108	100		
107	124.8	90.3	135.5





#17

Hexachloroethane

Concen: 19.50 ng/ul

RT: 8.96 min Scan# 998

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

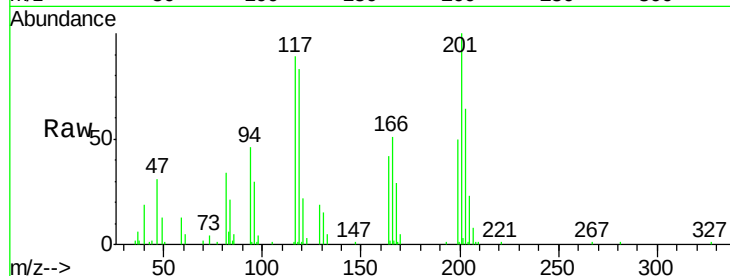
Tgt Ion:117 Resp: 64506

Ion Ratio Lower Upper

117 100

201 112.7 81.5 122.3

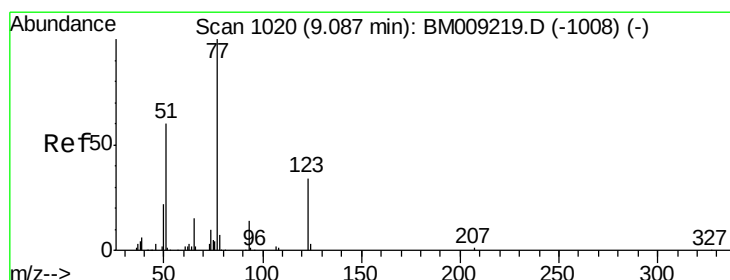
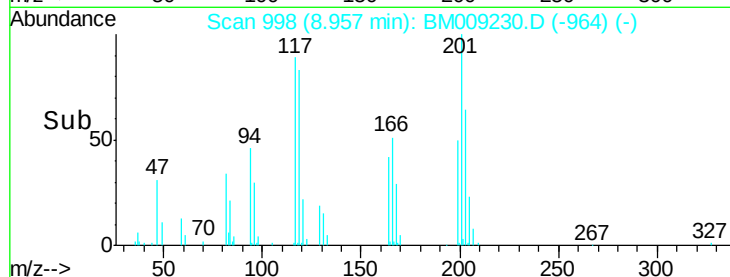
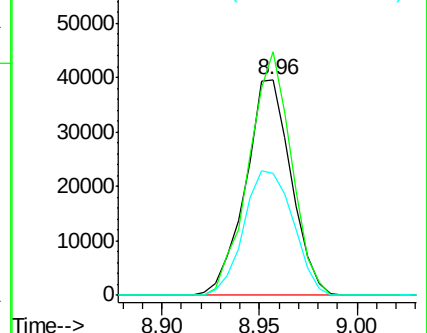
199 56.6 50.6 76.0



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: 20.30 ng/ul

RT: 9.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

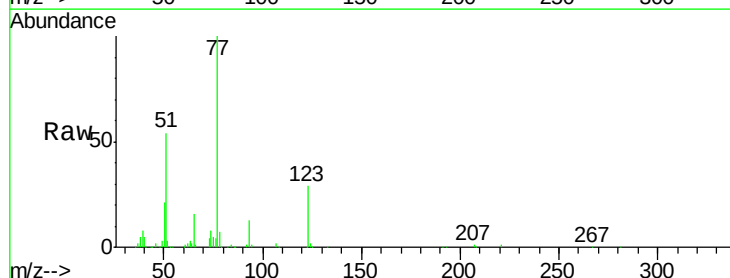
Tgt Ion: 77 Resp: 259641

Ion Ratio Lower Upper

77 100

123 28.9 39.0 58.4#

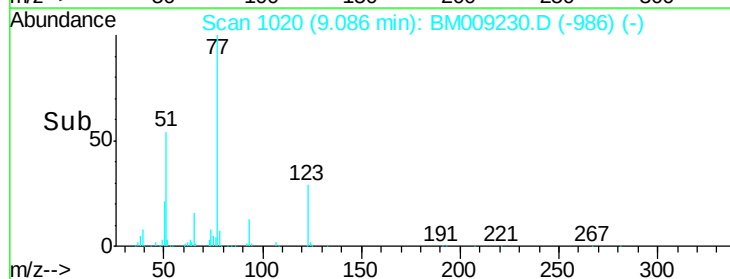
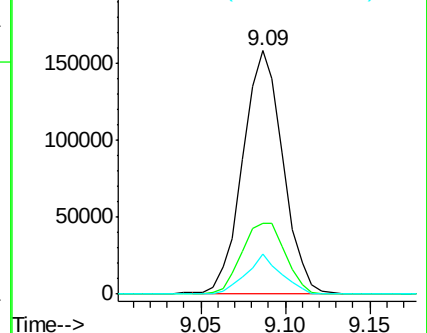
65 16.3 10.4 15.6#

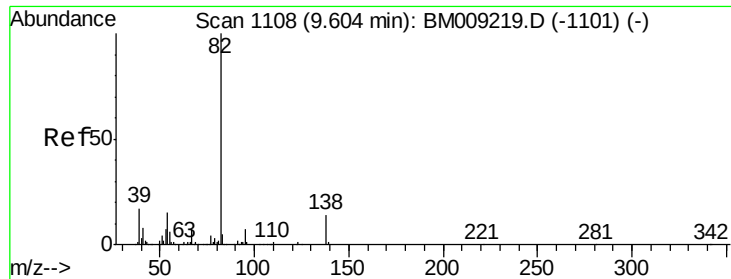


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM

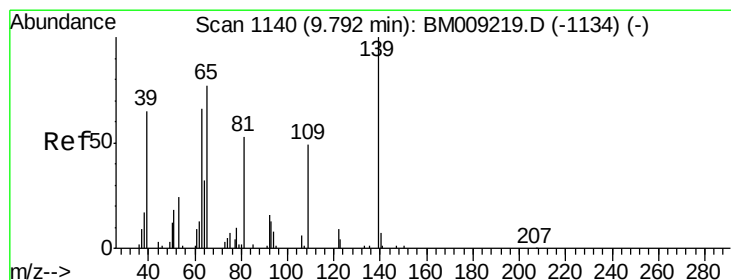
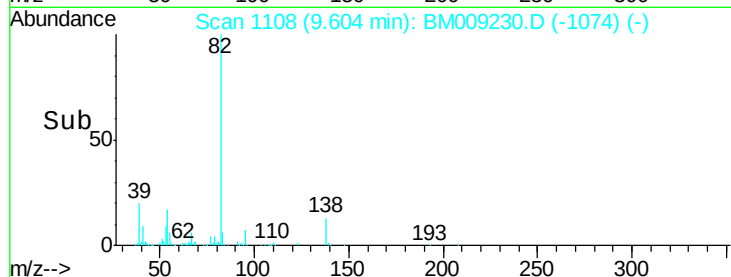
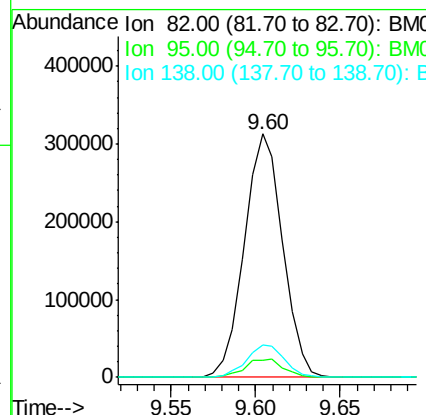
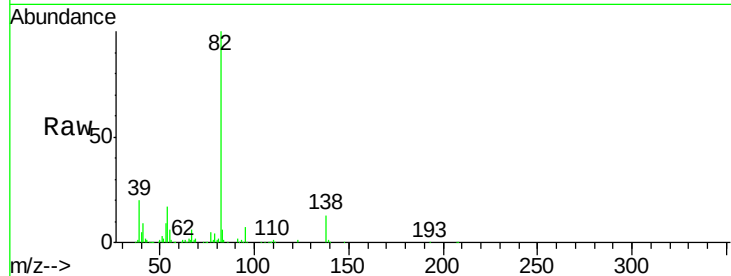




#21
Isophorone
Concen: 19.55 ng/ul
RT: 9.60 min Scan# 1108
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

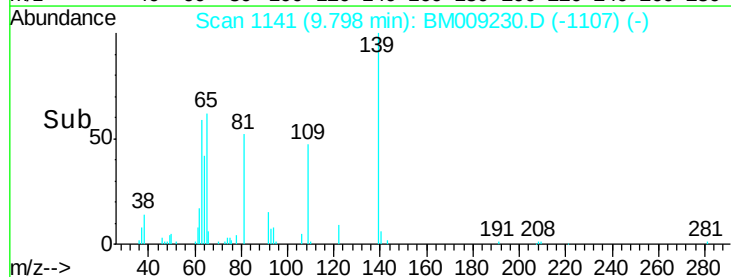
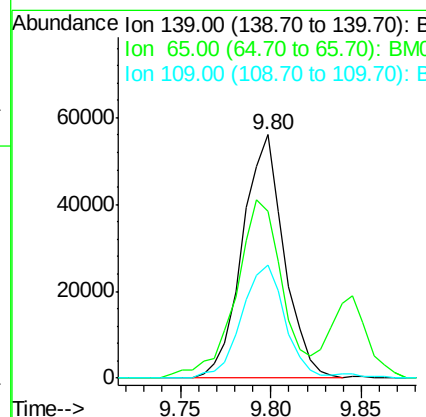
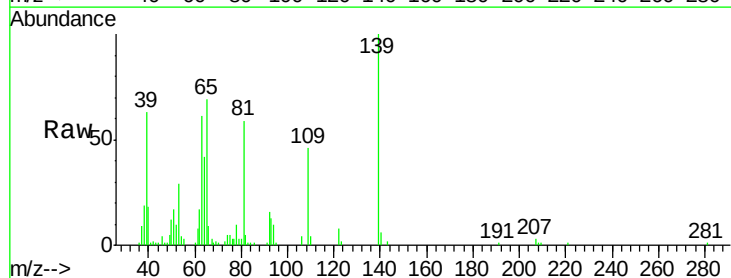
Instrument :
BNA_M
ClientSampleId :
SSTD02034

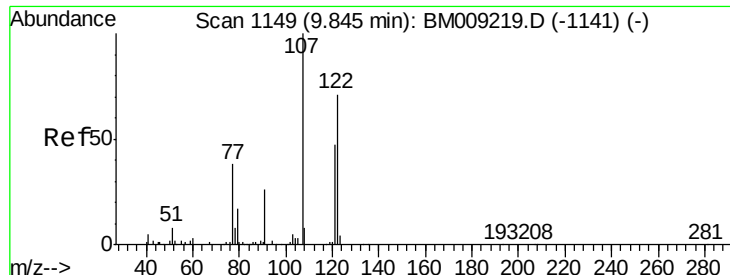
Tgt Ion: 82 Resp: 494723
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 13.2 14.9 22.3#



#23
2-Nitrophenol
Concen: 19.28 ng/ul
RT: 9.80 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion: 139 Resp: 89369
Ion Ratio Lower Upper
139 100
65 68.7 36.3 54.5#
109 46.2 26.4 39.6#

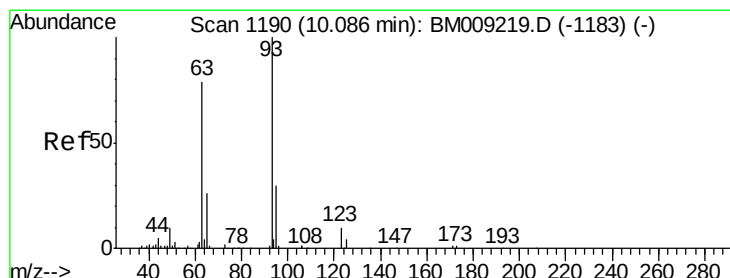
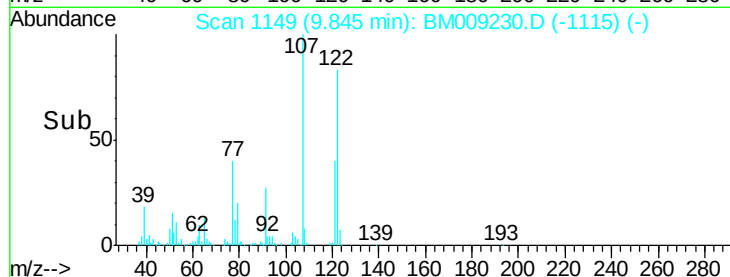
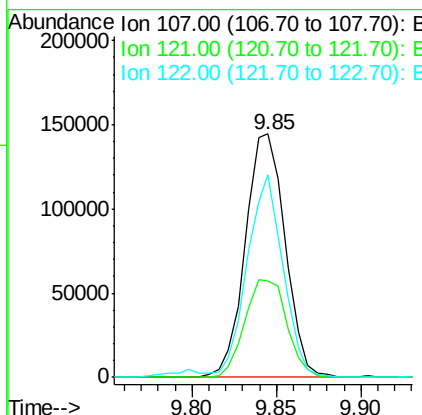
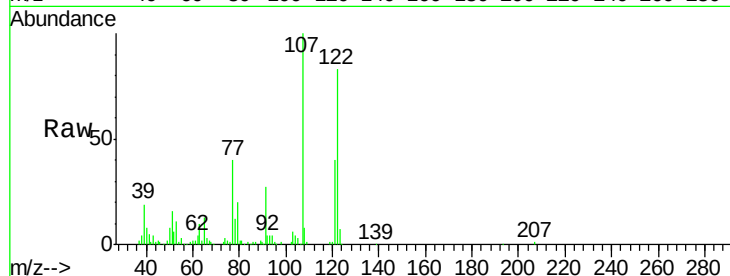




#24
2,4-Dimethylphenol
Concen: 20.01 ng/ul
RT: 9.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

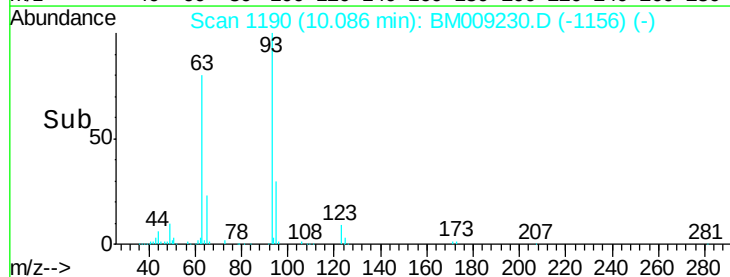
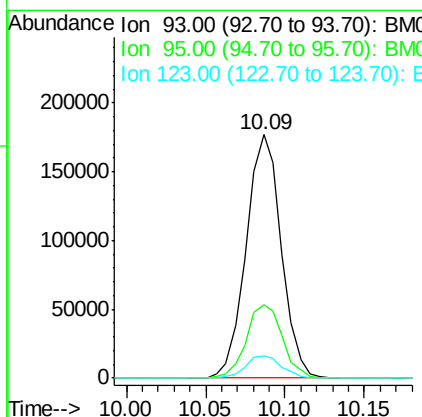
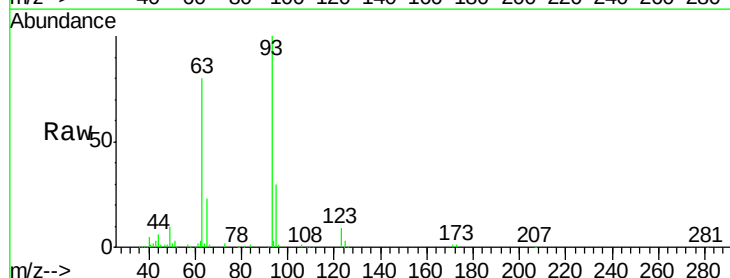
Instrument :
BNA_M
ClientSampleId :
SSTD02034

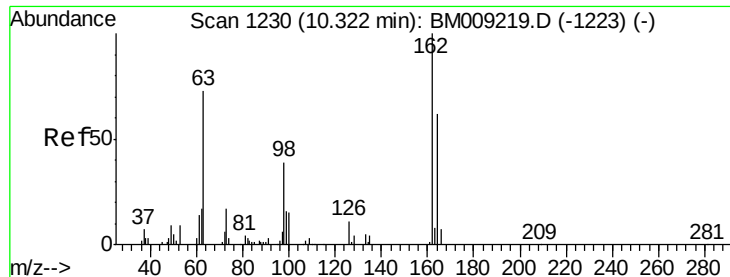
Tgt Ion: 107 Resp: 237952
Ion Ratio Lower Upper
107 100
121 39.8 40.6 61.0#
122 83.4 67.8 101.6



#25
Bis(2-Chloroethoxy)methane
Concen: 19.64 ng/ul
RT: 10.09 min Scan# 1190
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion: 93 Resp: 272361
Ion Ratio Lower Upper
93 100
95 30.4 25.8 38.8
123 9.4 9.8 14.8#

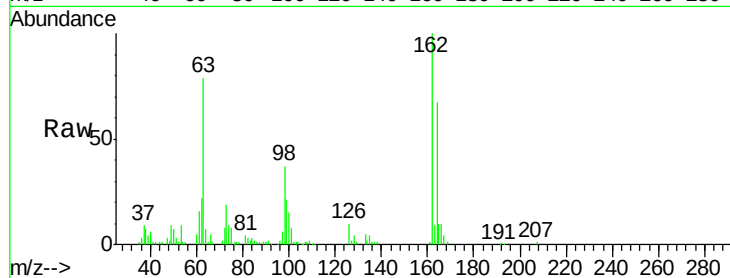




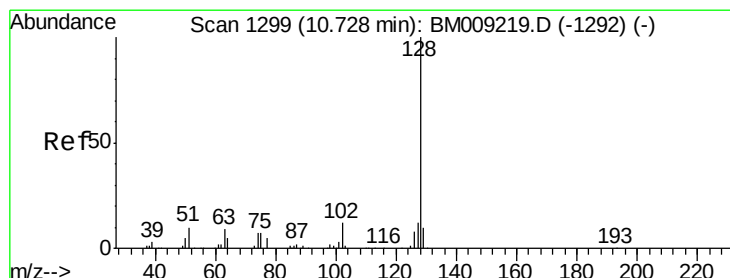
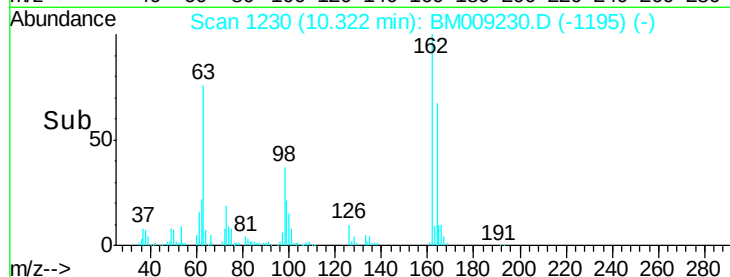
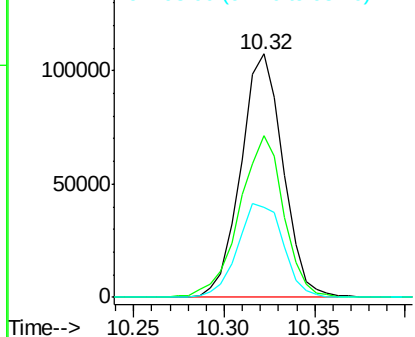
#27
 2,4-Dichlorophenol
 Concen: 19.33 ng/ul
 RT: 10.32 min Scan# 1230
 Delta R.T. 0.01 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

Tgt Ion	Ratio	Lower	Upper
162	100		
164	66.7	52.1	78.1
98	37.2	28.4	42.6

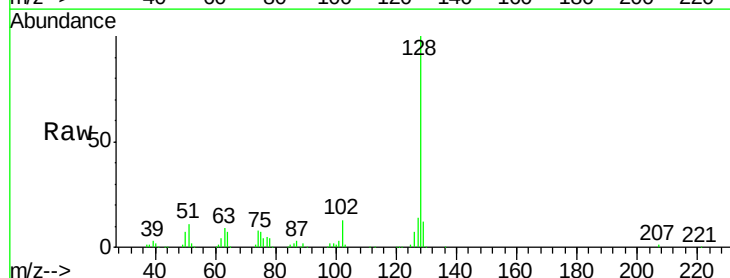


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

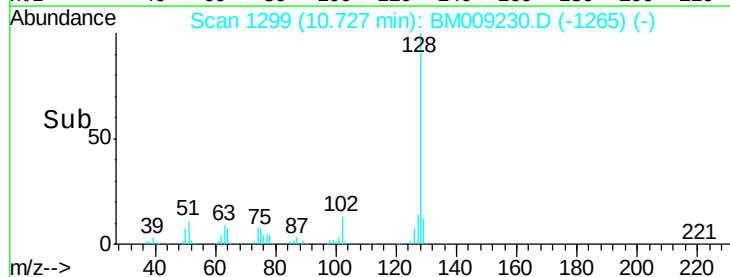
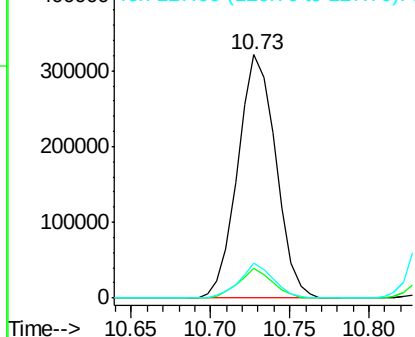


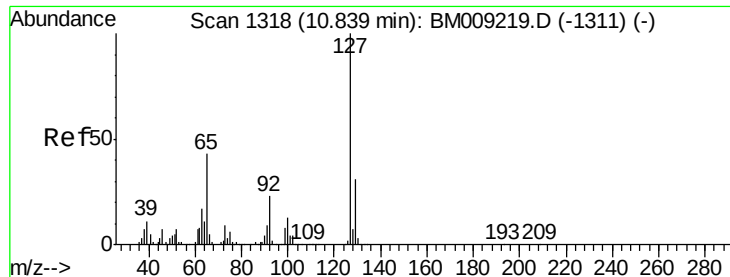
#28
 Naphthalene
 Concen: 19.47 ng/ul
 RT: 10.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.1	8.8	13.2
127	14.3	10.5	15.7



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

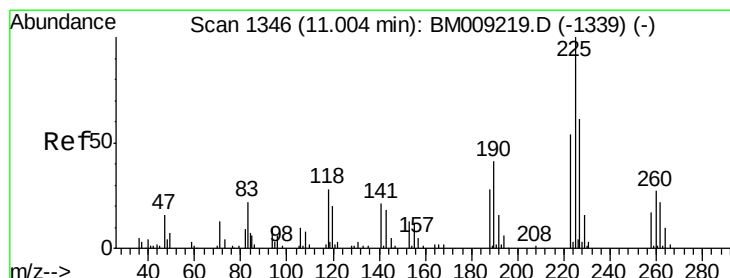
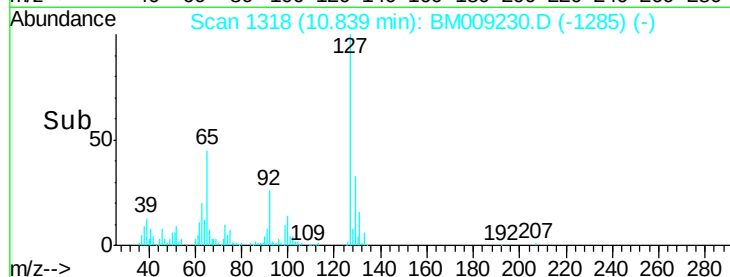
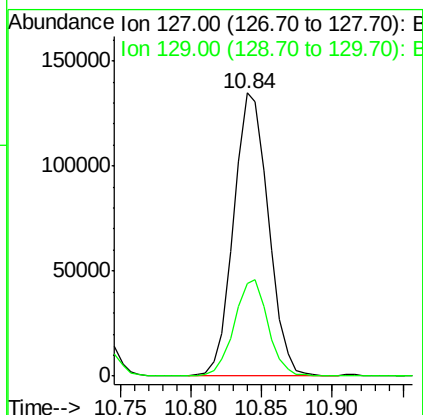
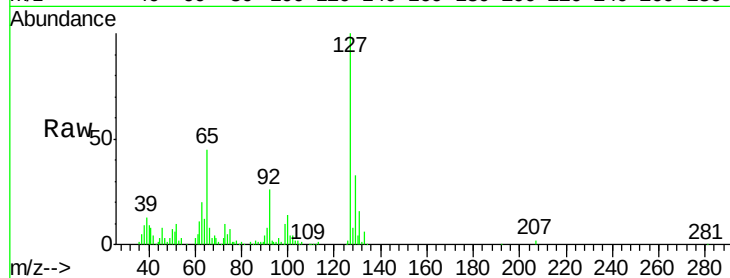




#30
4-Chloroaniline
Concen: 20.18 ng/ul
RT: 10.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

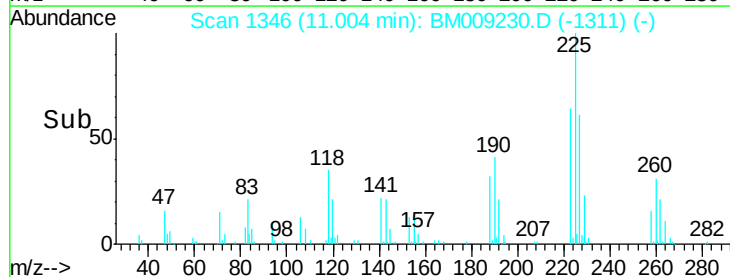
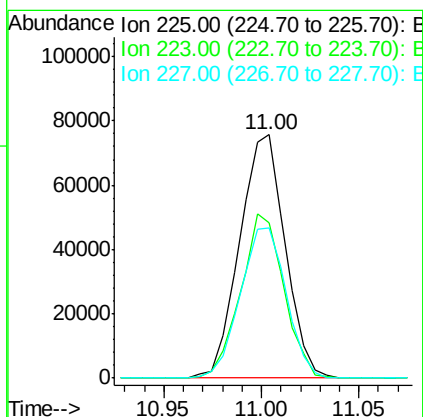
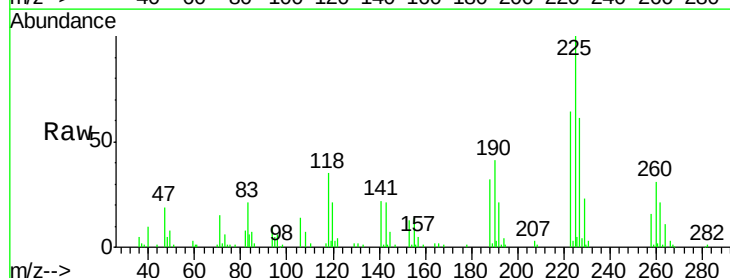
Instrument :
BNA_M
ClientSampleId :
SSTD02034

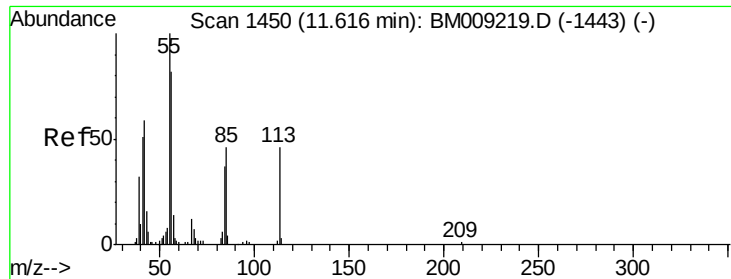
Tgt Ion:127 Resp: 231927
Ion Ratio Lower Upper
127 100
129 32.6 25.4 38.2



#31
Hexachlorobutadiene
Concen: 19.68 ng/ul
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion:225 Resp: 122113
Ion Ratio Lower Upper
225 100
223 63.5 51.4 77.2
227 65.2 50.7 76.1





#32

Caprolactam

Concen: 9.65 ng/ul

RT: 11.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

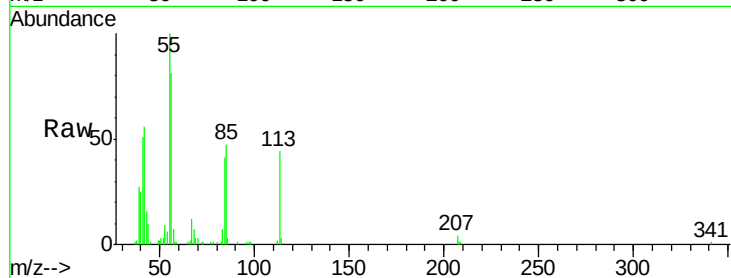
Tgt Ion:113 Resp: 36269

Ion Ratio Lower Upper

113 100

55 225.7 101.9 152.9#

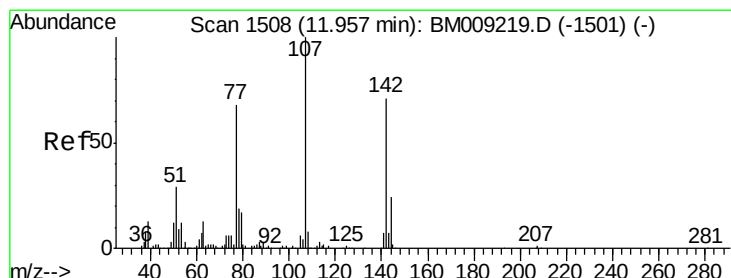
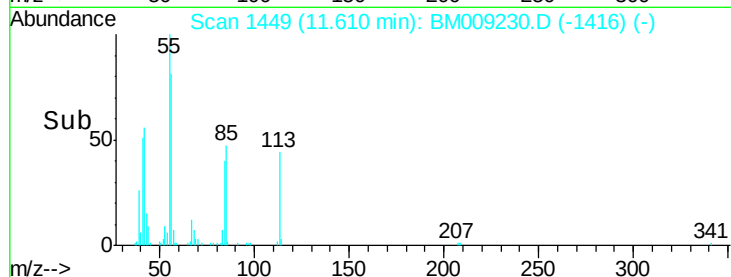
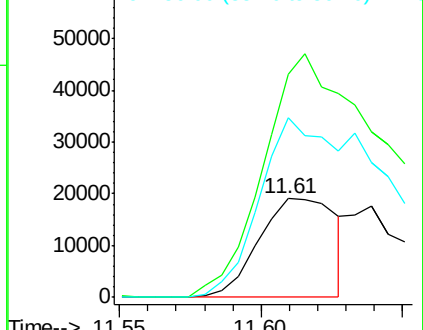
56 181.7 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 19.56 ng/ul

RT: 11.96 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

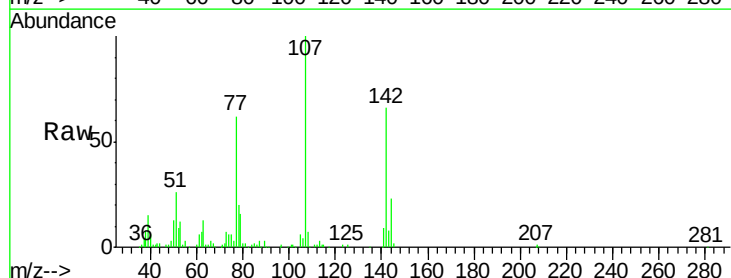
Tgt Ion:107 Resp: 231089

Ion Ratio Lower Upper

107 100

144 22.6 20.4 30.6

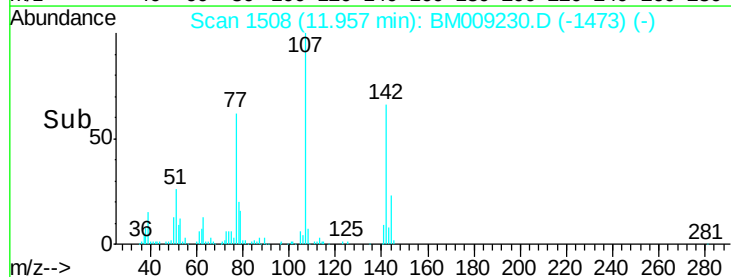
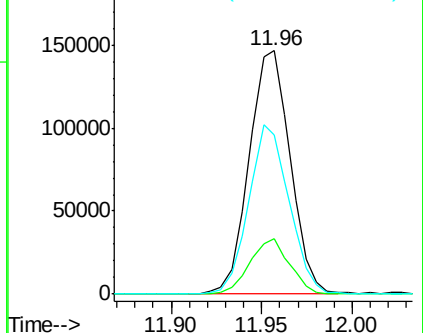
142 65.6 62.5 93.7

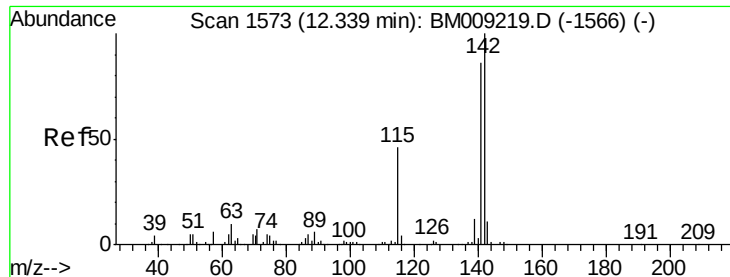


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

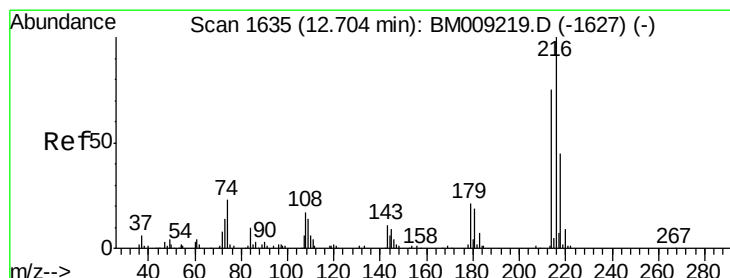
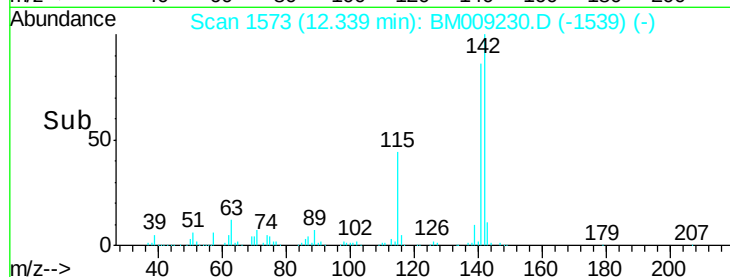
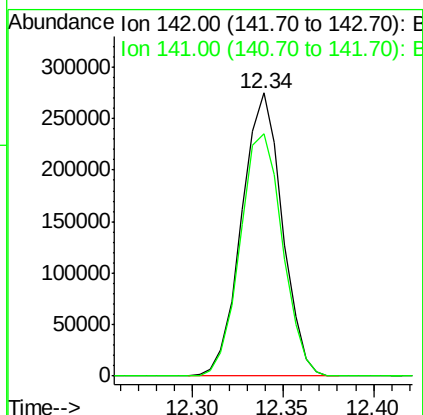
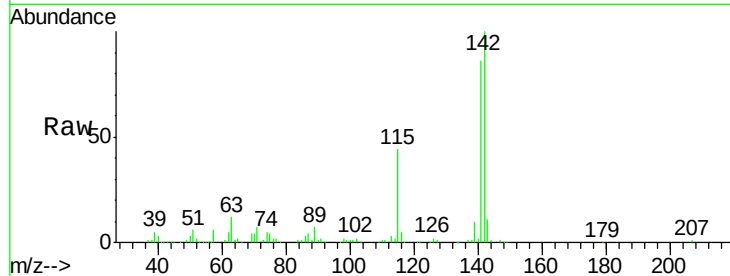




#34
 2-Methylnaphthalene
 Concen: 19.56 ng/ul
 RT: 12.34 min Scan# 1573
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

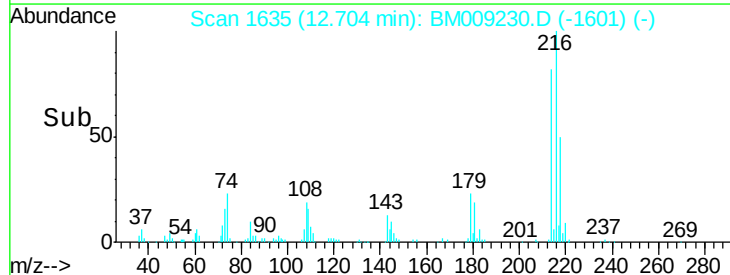
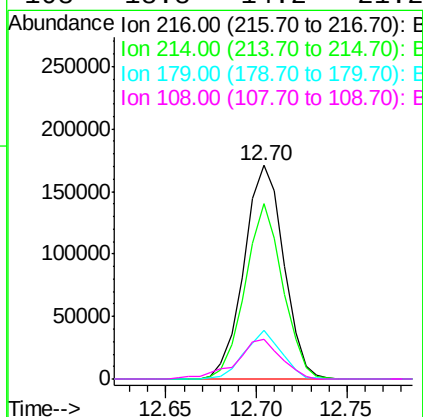
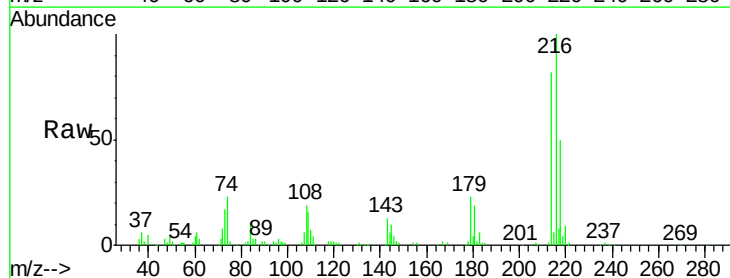
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

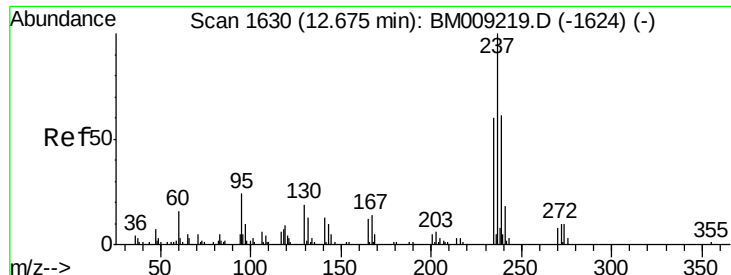
Tgt Ion:142 Resp: 428886
 Ion Ratio Lower Upper
 142 100
 141 85.6 71.6 107.4



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 21.31 ng/ul
 RT: 12.70 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion:216 Resp: 261129
 Ion Ratio Lower Upper
 216 100
 214 82.2 62.5 93.7
 179 22.8 18.2 27.2
 108 18.8 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 20.18 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

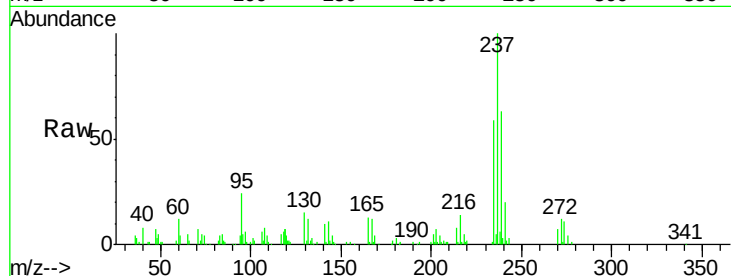
Tgt Ion:237 Resp: 139819

Ion Ratio Lower Upper

237 100

235 58.6 50.4 75.6

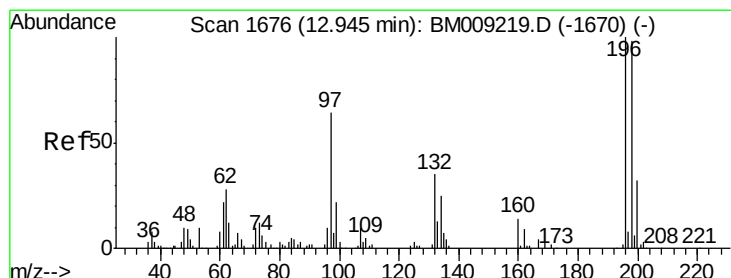
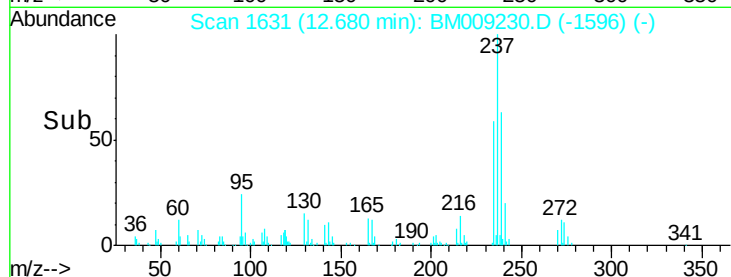
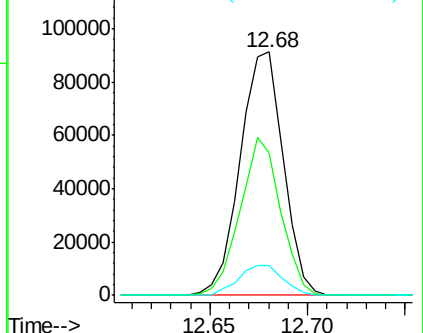
272 12.3 9.6 14.4



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: 21.73 ng/ul

RT: 12.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

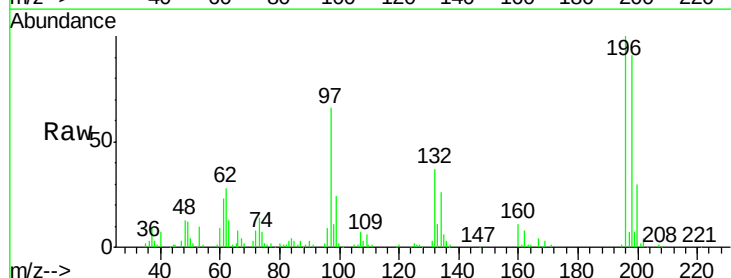
Tgt Ion:196 Resp: 168804

Ion Ratio Lower Upper

196 100

198 90.6 76.6 114.8

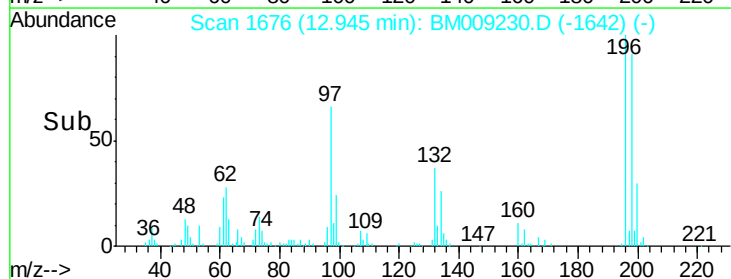
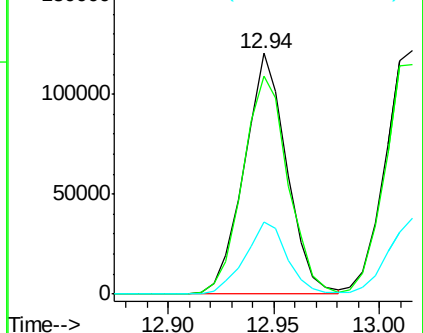
200 29.8 24.7 37.1

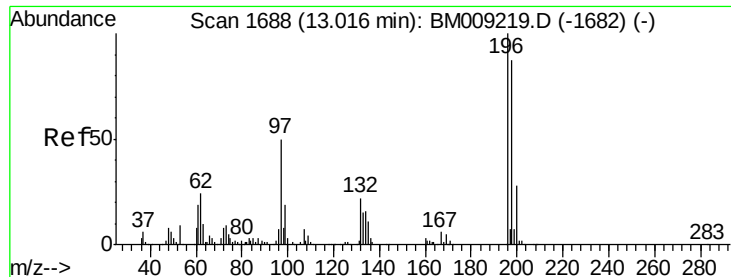


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

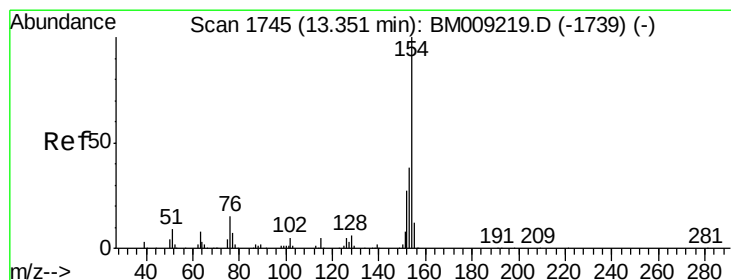
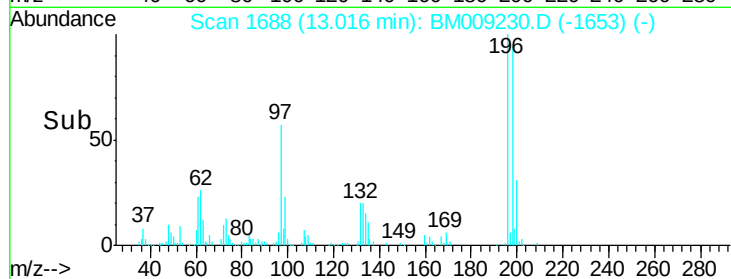
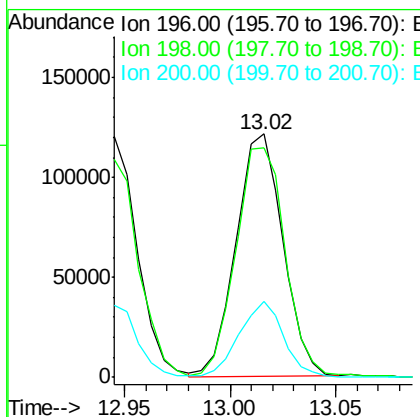
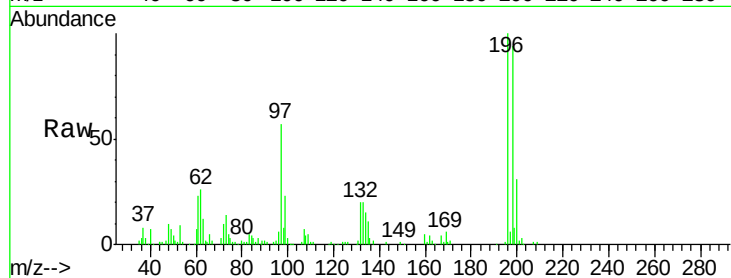




#39
 2,4,5-Trichlorophenol
 Concen: 20.94 ng/ul
 RT: 13.02 min Scan# 1688
 Delta R.T. 0.01 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

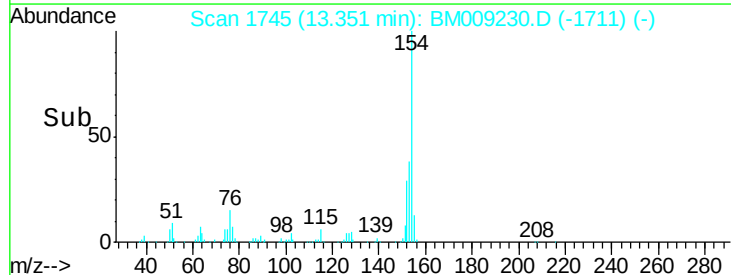
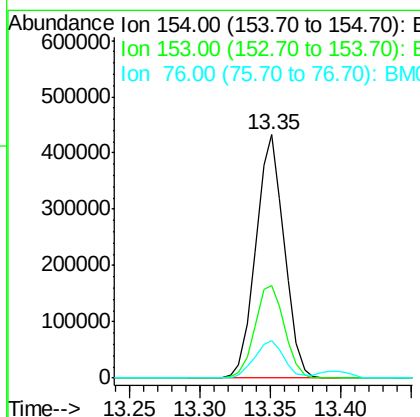
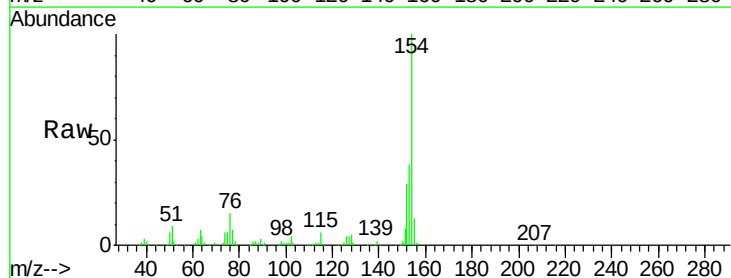
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

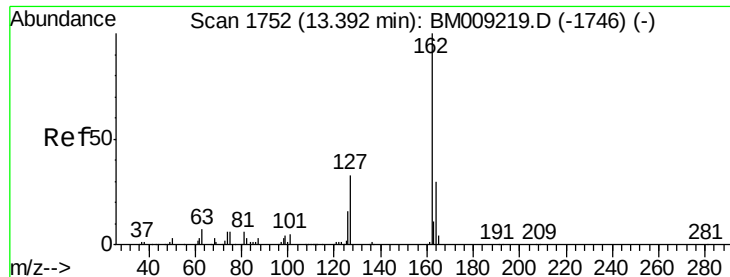
Tgt Ion:196 Resp: 186387
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.9 115.3
 200 31.3 25.0 37.4



#40
 1,1'-Biphenyl
 Concen: 21.51 ng/ul
 RT: 13.35 min Scan# 1745
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion:154 Resp: 613856
 Ion Ratio Lower Upper
 154 100
 153 37.9 32.1 48.1
 76 15.2 9.5 14.3#

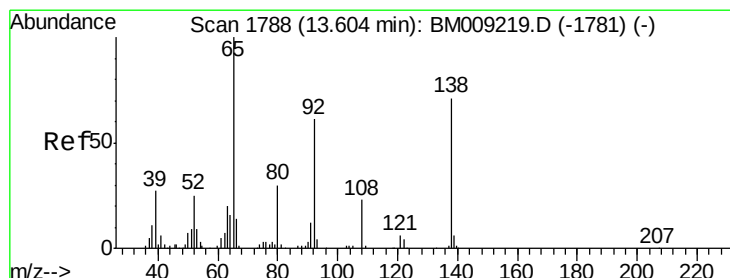
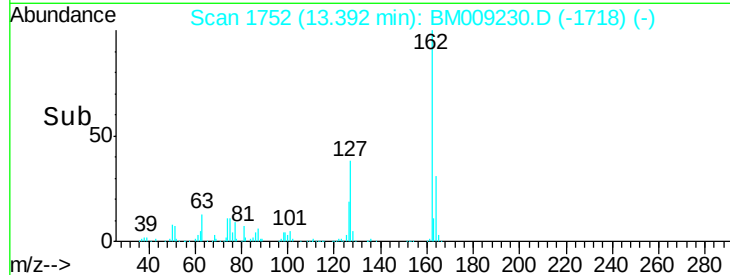
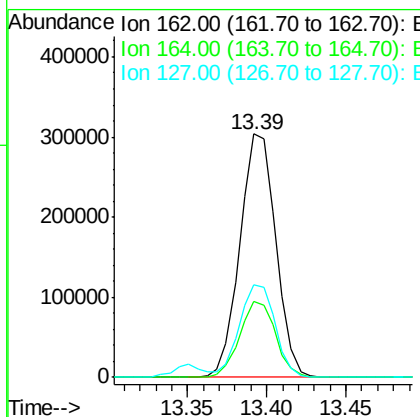
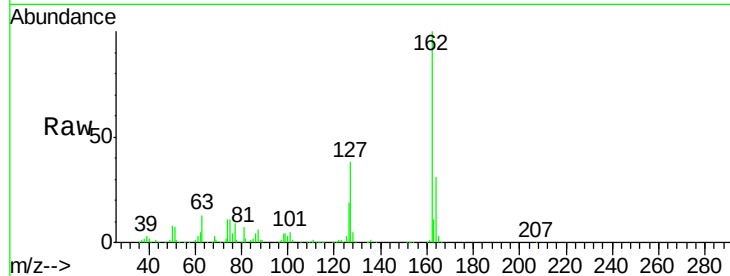




#41
 2-Chloronaphthalene
 Concen: 21.61 ng/ul
 RT: 13.39 min Scan# 1752
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

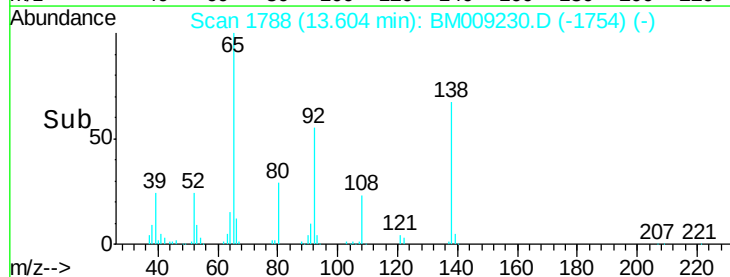
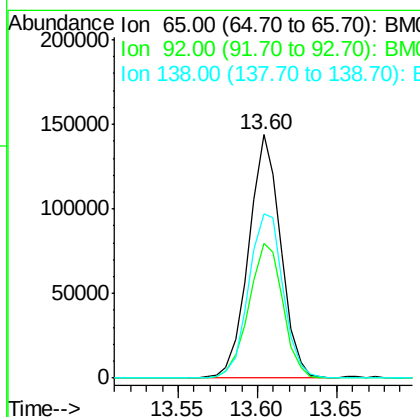
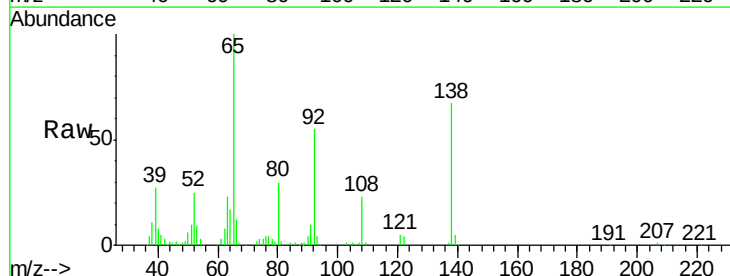
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

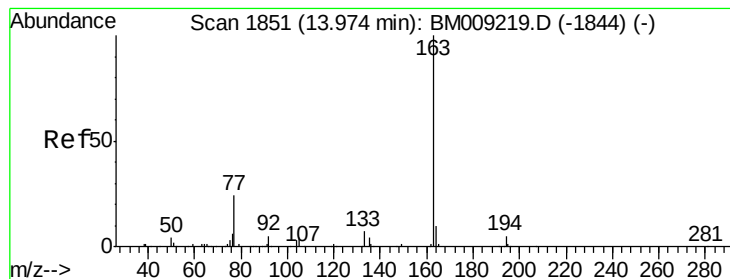
Tgt Ion	Ratio	Lower	Upper
162	100		
164	31.3	25.9	38.9
127	38.0	34.1	51.1



#42
 2-Nitroaniline
 Concen: 22.34 ng/ul
 RT: 13.60 min Scan# 1788
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	55.3	60.4	90.6#
138	67.2	99.8	149.6#





#44

Dimethylphthalate

Concen: 21.27 ng/ul

RT: 13.97 min Scan# 1851

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

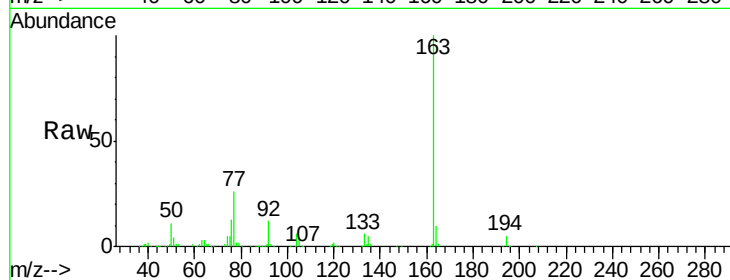
Tgt Ion:163 Resp: 660017

Ion Ratio Lower Upper

163 100

194 4.8 3.2 4.8#

164 10.1 7.8 11.8



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

13.97

600000

500000

400000

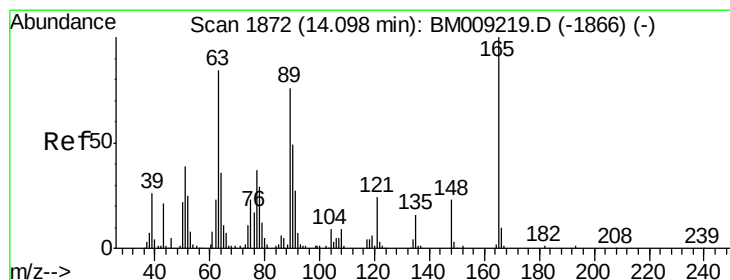
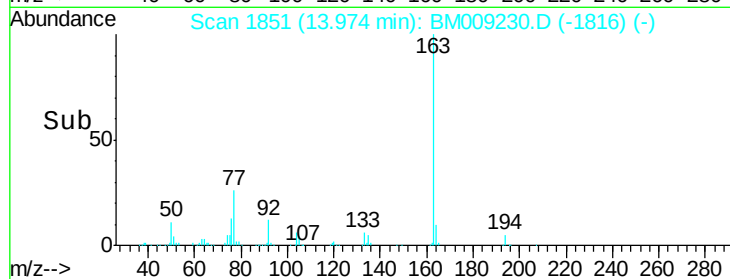
300000

200000

100000

0

Time--> 13.90 13.95 14.00



#45

2,6-Dinitrotoluene

Concen: 21.92 ng/ul

RT: 14.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

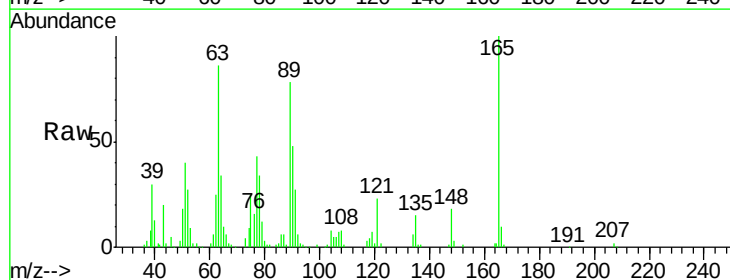
Tgt Ion:165 Resp: 130838

Ion Ratio Lower Upper

165 100

89 77.6 42.4 63.6#

121 23.3 16.6 24.8



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

14.10

120000

100000

80000

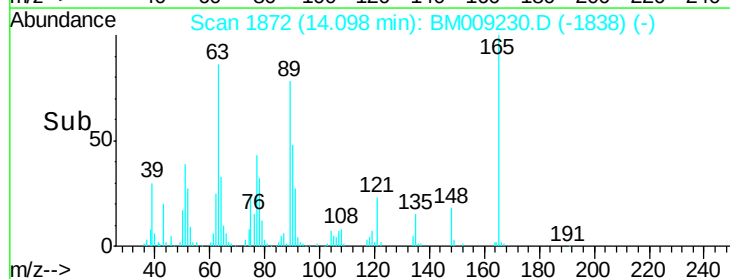
60000

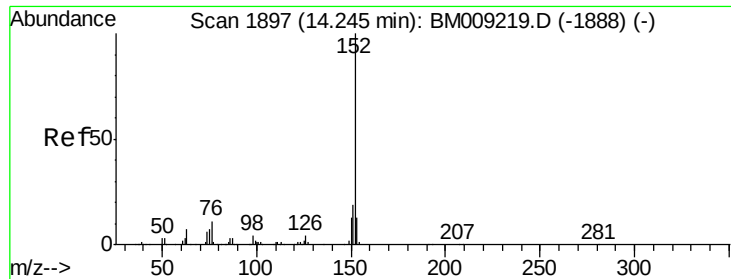
40000

20000

0

Time--> 14.05 14.10 14.15





#47

Acenaphthylene

Concen: 21.66 ng/ul

RT: 14.24 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

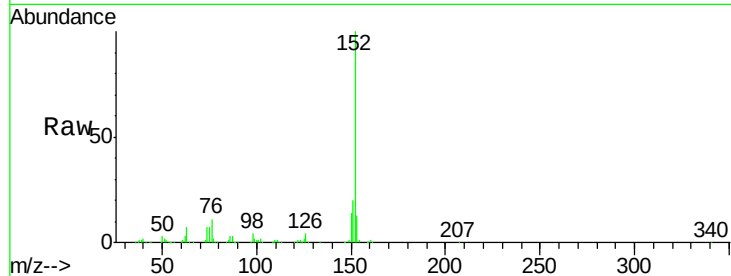
Tgt Ion:152 Resp: 771670

Ion Ratio Lower Upper

152 100

151 20.2 15.7 23.5

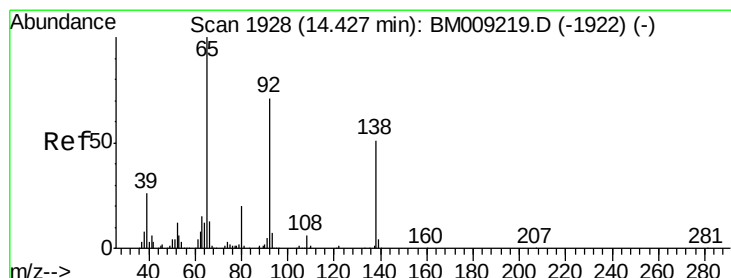
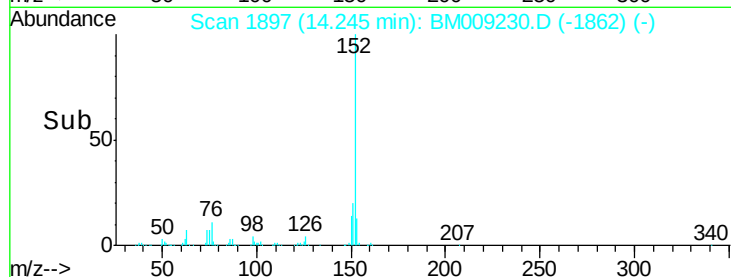
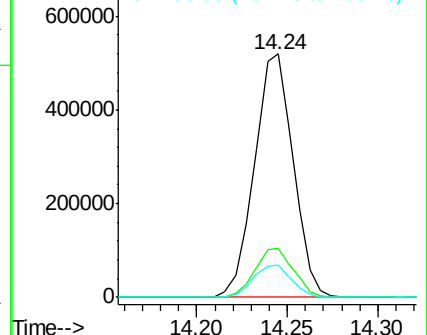
153 13.1 10.5 15.7



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: 21.51 ng/ul

RT: 14.43 min Scan# 1929

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

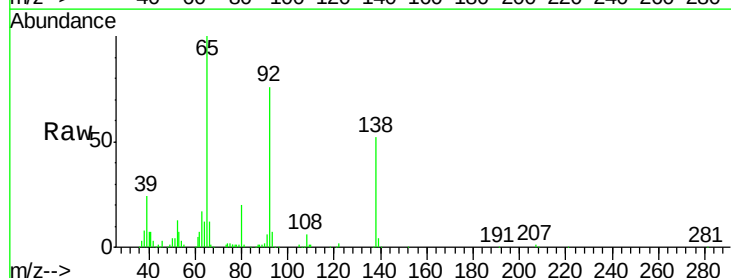
Tgt Ion:138 Resp: 136757

Ion Ratio Lower Upper

138 100

108 10.7 8.7 13.1

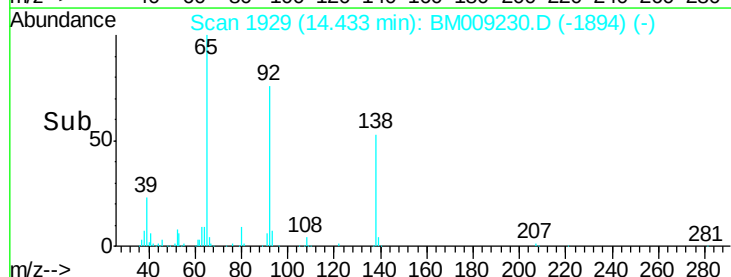
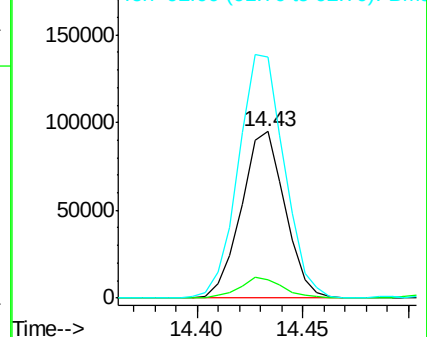
92 144.6 88.2 132.4#

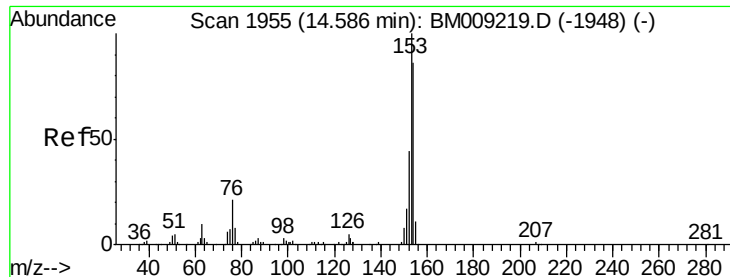


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 21.50 ng/ul

RT: 14.59 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

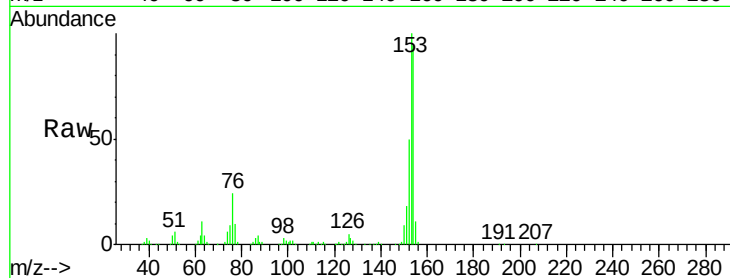
Tgt Ion:153 Resp: 538686

Ion Ratio Lower Upper

153 100

152 49.7 38.3 57.5

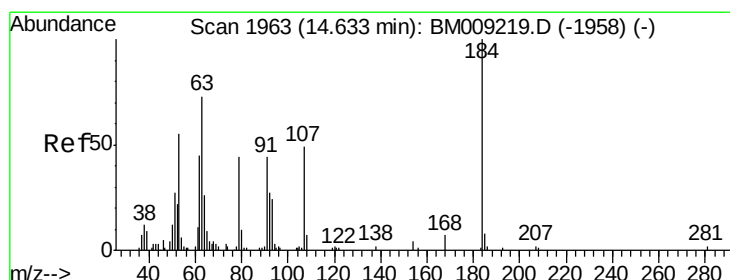
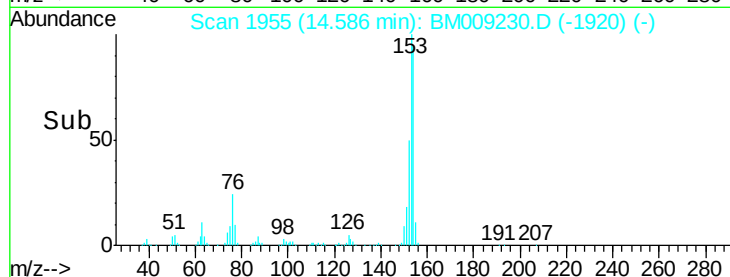
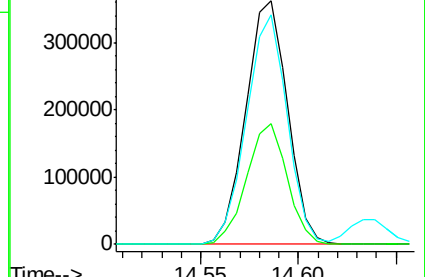
154 94.4 71.8 107.8



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: 19.94 ng/ul

RT: 14.64 min Scan# 1964

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

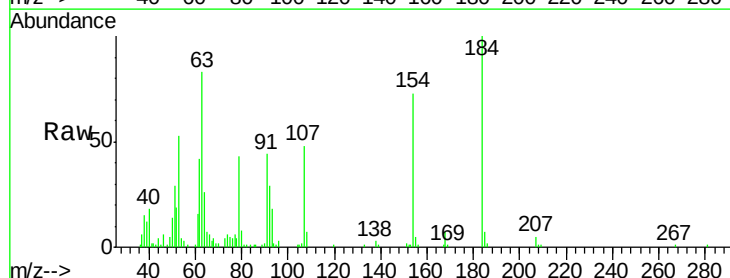
Tgt Ion:184 Resp: 78039

Ion Ratio Lower Upper

184 100

63 83.3 46.5 69.7#

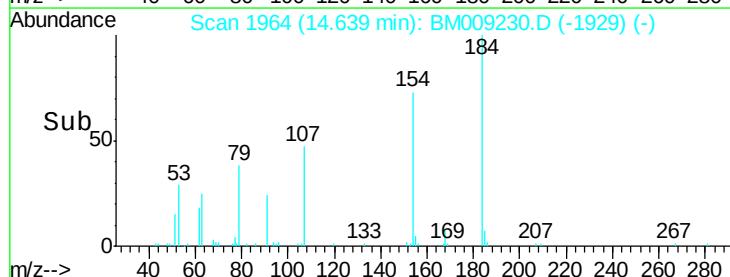
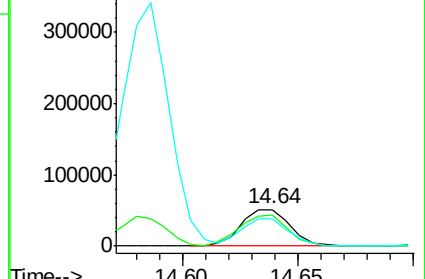
154 72.6 54.6 82.0

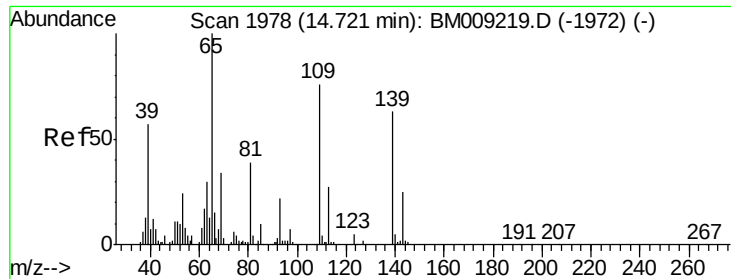


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.05 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

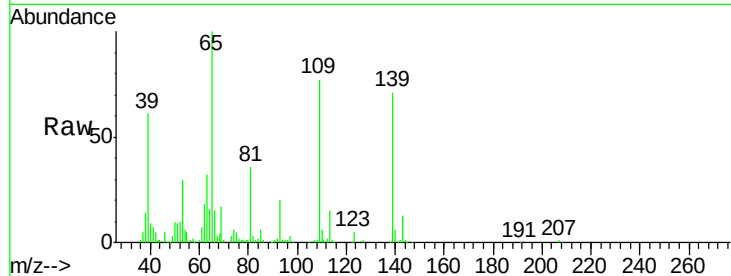
Tgt Ion:109 Resp: 151058

Ion Ratio Lower Upper

109 100

139 92.8 103.7 155.5#

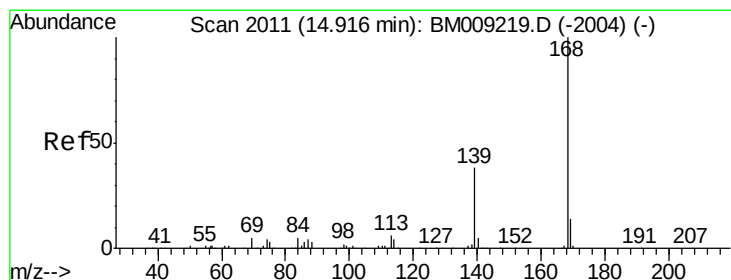
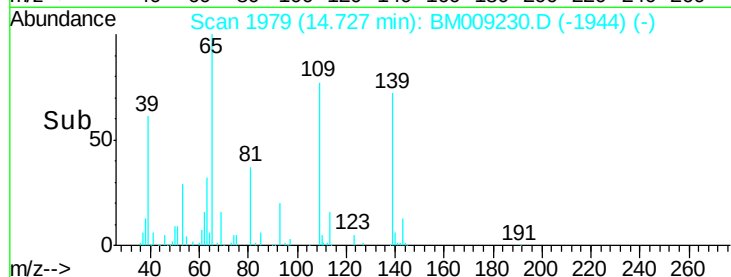
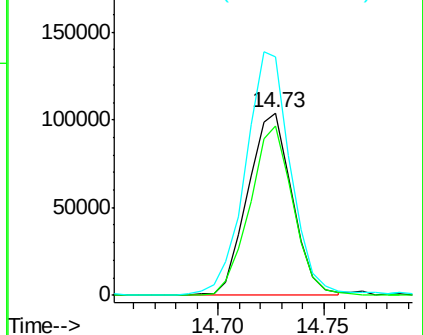
65 130.7 89.4 134.2



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: 21.79 ng/ul

RT: 14.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BM009230.D

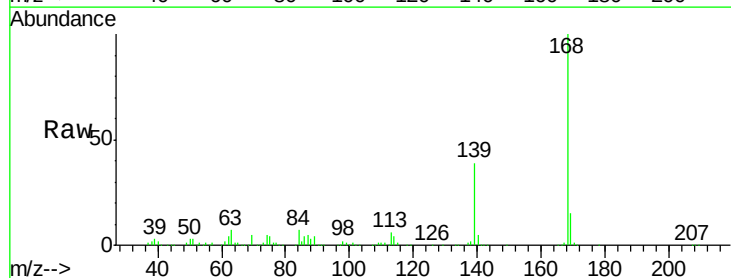
Acq: 13 Mar 2017 22:33

Tgt Ion:168 Resp: 804646

Ion Ratio Lower Upper

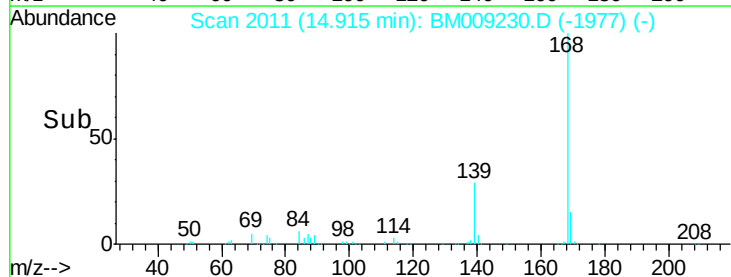
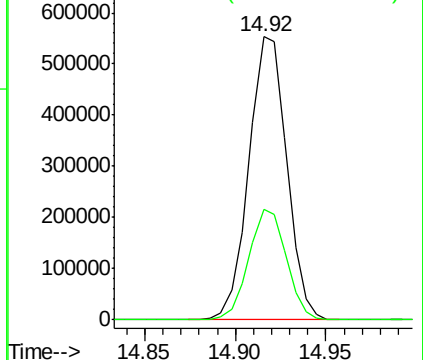
168 100

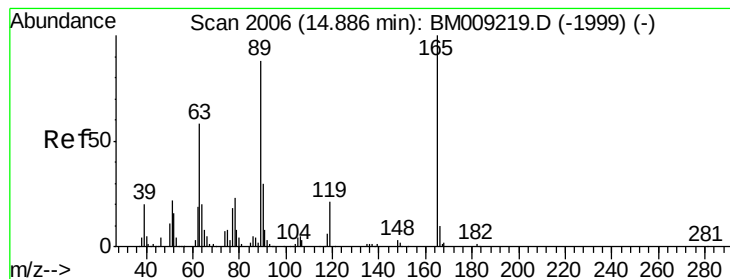
139 39.2 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 22.20 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

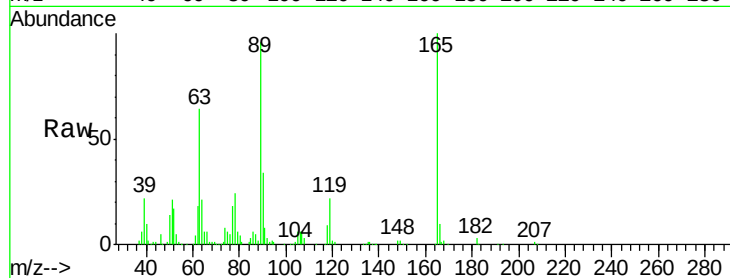
Tgt Ion:165 Resp: 204174

Ion Ratio Lower Upper

165 100

63 64.3 29.8 44.6#

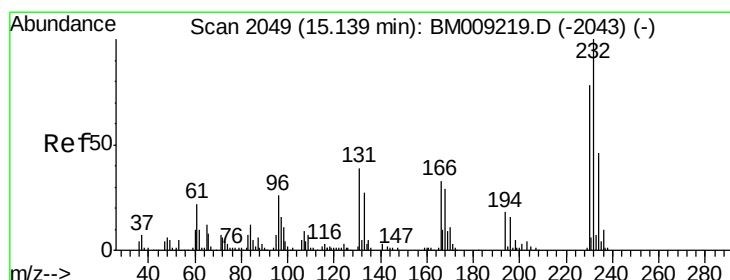
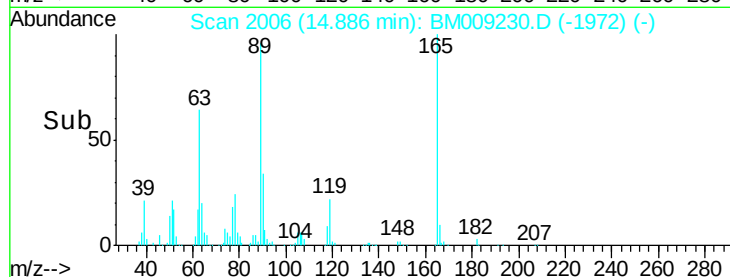
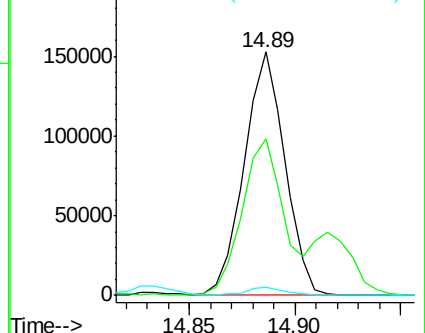
182 3.2 2.2 3.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 21.06 ng/ul

RT: 15.14 min Scan# 2049

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Tgt Ion:232 Resp: 179887

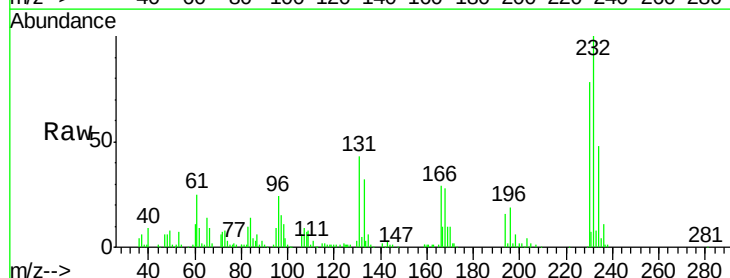
Ion Ratio Lower Upper

232 100

131 43.1 39.4 59.2

130 2.9 2.2 3.2

166 28.7 26.6 39.8

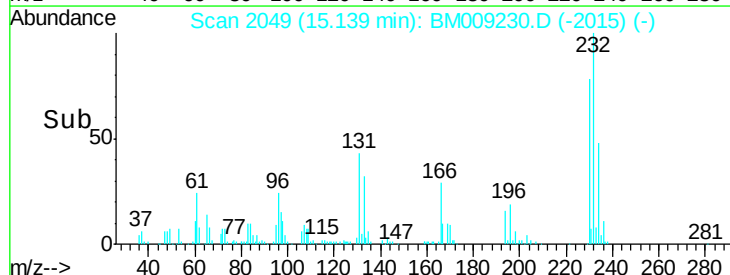
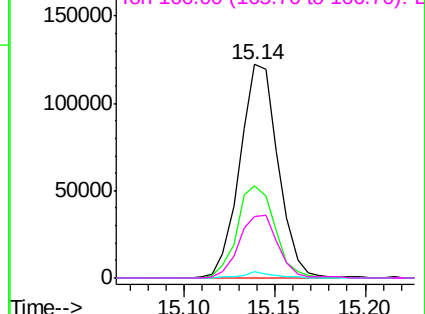


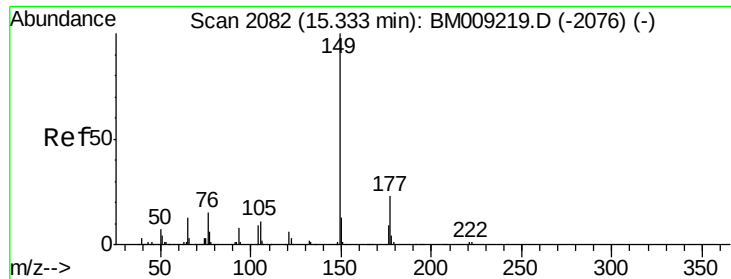
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#56

Diethylphthalate

Concen: 22.52 ng/ul

RT: 15.33 min Scan# 2082

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

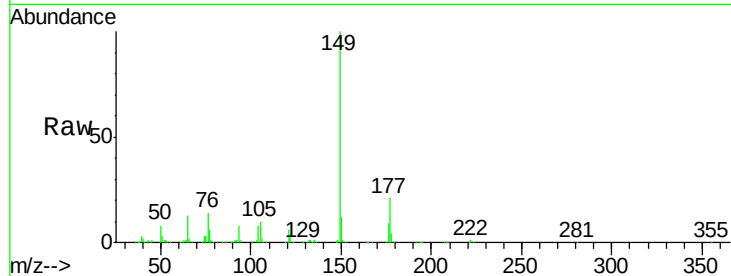
Tgt Ion:149 Resp: 731788

Ion Ratio Lower Upper

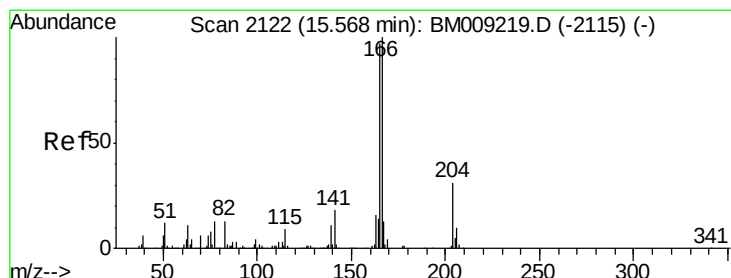
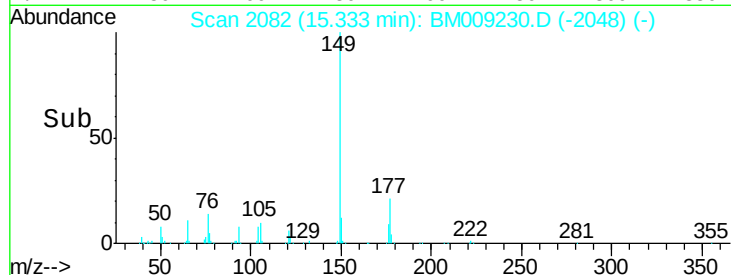
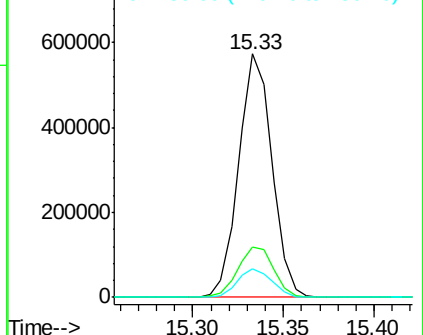
149 100

177 20.9 17.4 26.2

150 11.6 10.0 15.0



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: 21.83 ng/ul

RT: 15.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

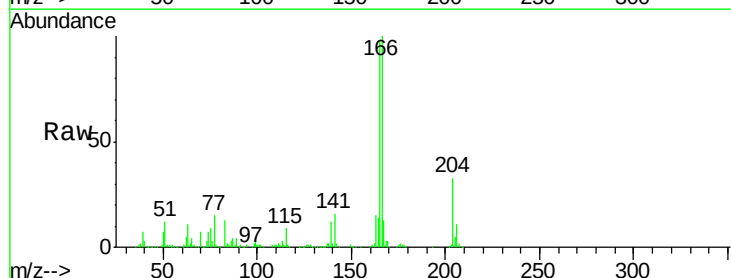
Tgt Ion:166 Resp: 695765

Ion Ratio Lower Upper

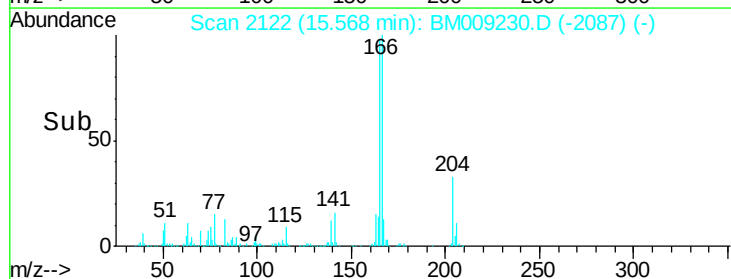
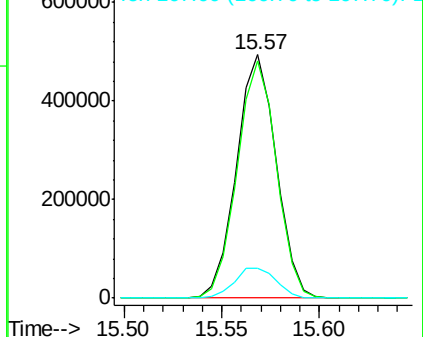
166 100

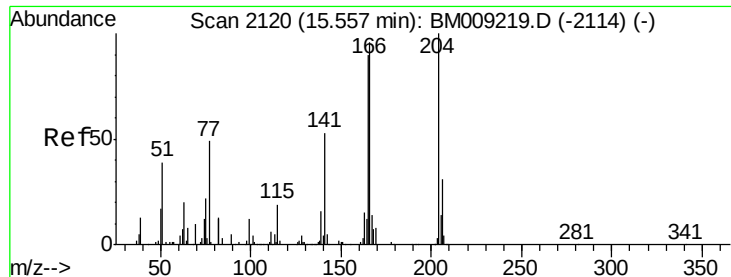
165 97.7 78.5 117.7

167 12.5 10.7 16.1



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

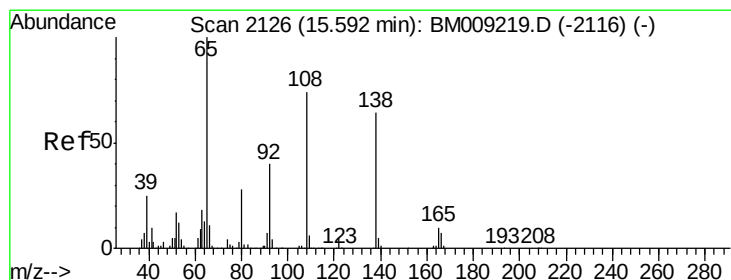
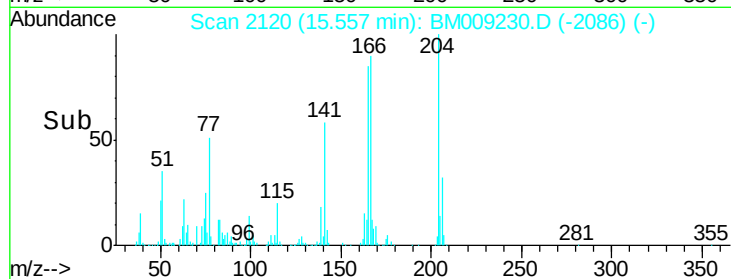
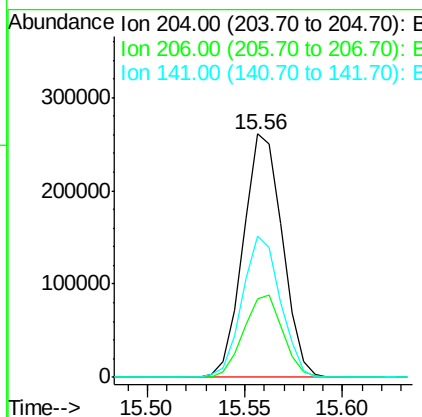
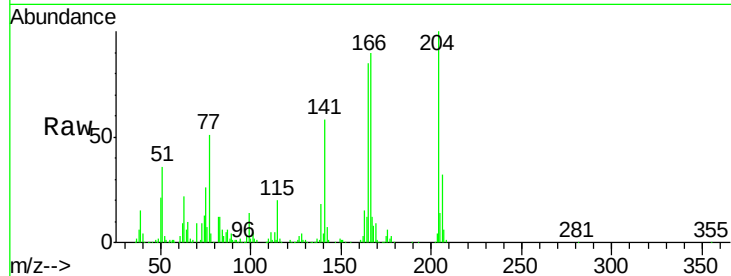




#59
4-Chlorophenyl-phenylether
Concen: 22.16 ng/ul
RT: 15.56 min Scan# 2120
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

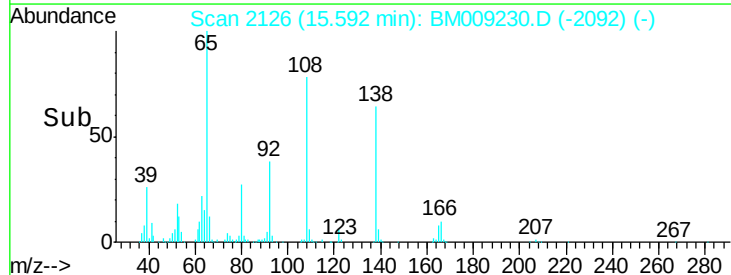
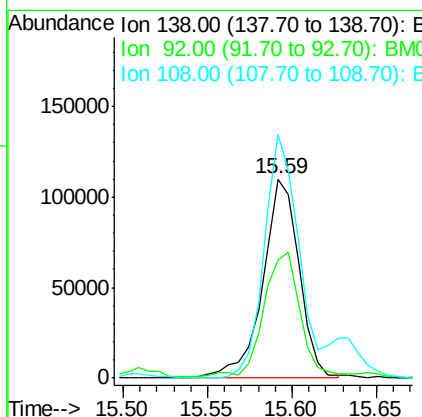
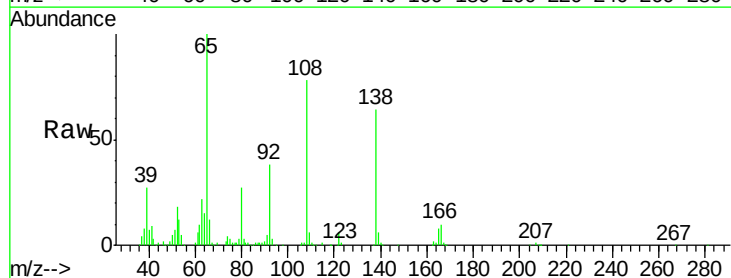
Instrument :
BNA_M
ClientSampleId :
SSTD02034

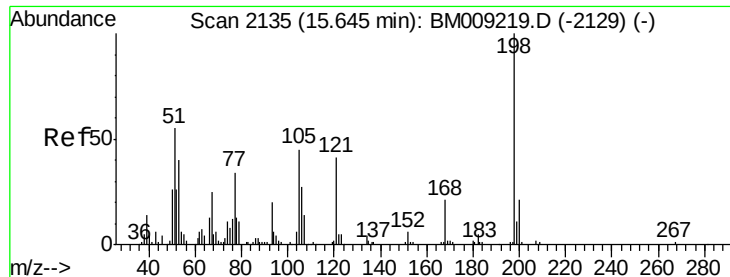
Tgt Ion:204 Resp: 362848
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.4
141 58.1 54.6 81.8



#60
4-Nitroaniline
Concen: 22.72 ng/ul
RT: 15.59 min Scan# 2126
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion:138 Resp: 163971
Ion Ratio Lower Upper
138 100
92 59.0 40.6 60.8
108 122.1 67.0 100.6#

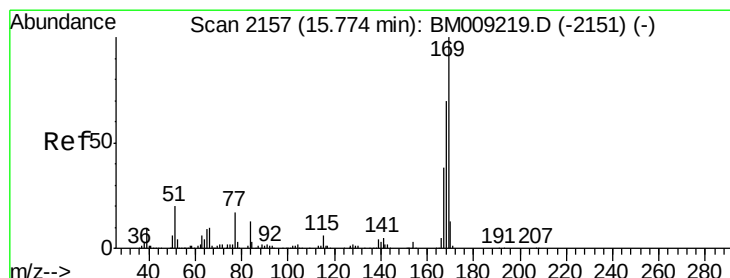
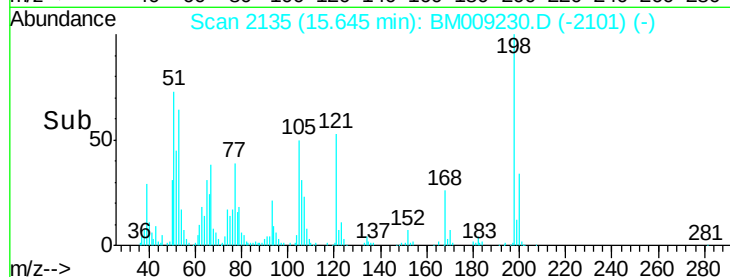
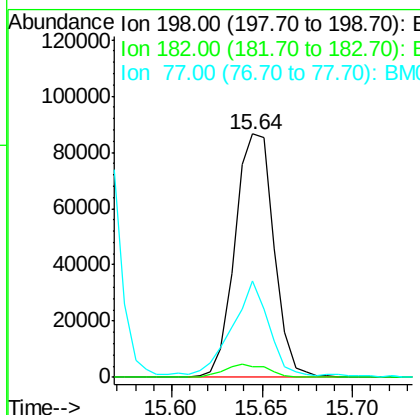
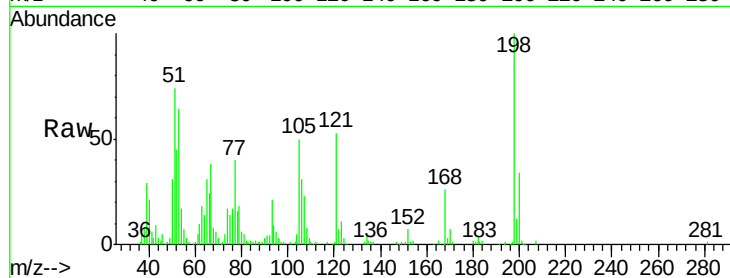




#63
 4,6-Dinitro-2-methylphenol
 Concen: 18.53 ng/ul
 RT: 15.64 min Scan# 2135
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

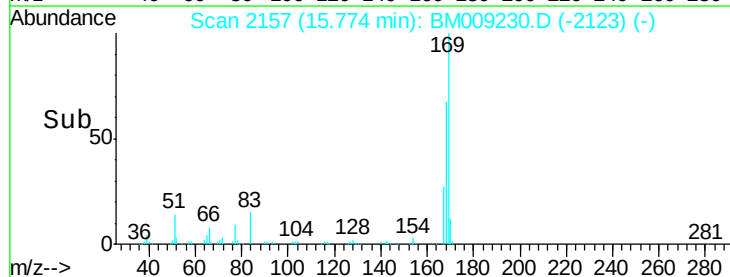
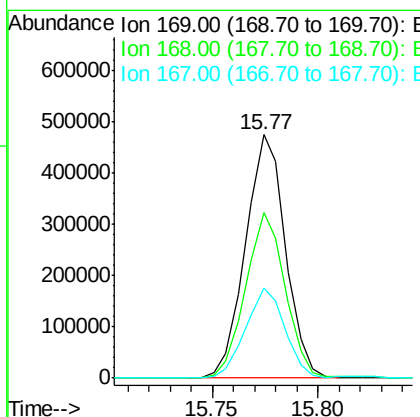
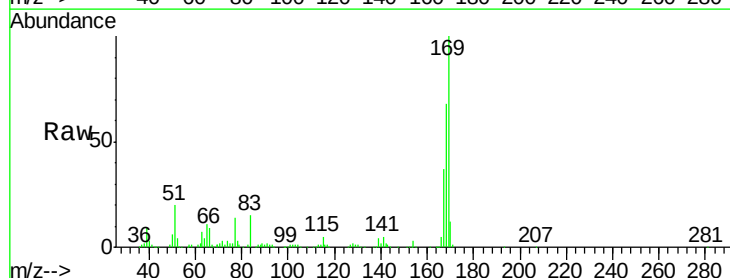
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02034

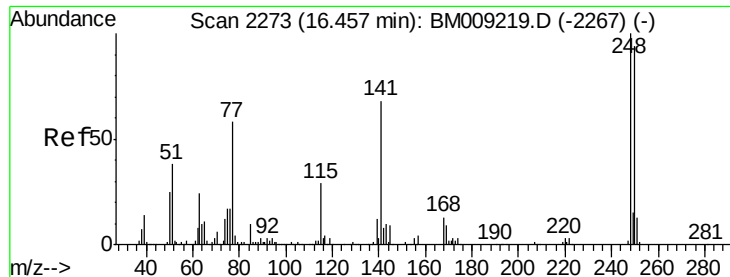
Tgt Ion:198 Resp: 129144
 Ion Ratio Lower Upper
 198 100
 182 4.3 3.1 4.7
 77 39.6 20.1 30.1#



#64
 N-Nitrosodiphenylamine
 Concen: 20.01 ng/ul
 RT: 15.77 min Scan# 2157
 Delta R.T. -0.00 min
 Lab File: BM009230.D
 Acq: 13 Mar 2017 22:33

Tgt Ion:169 Resp: 623827
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.8 80.8
 167 36.9 29.3 43.9

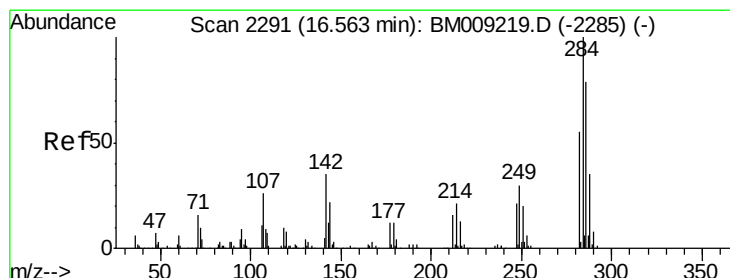
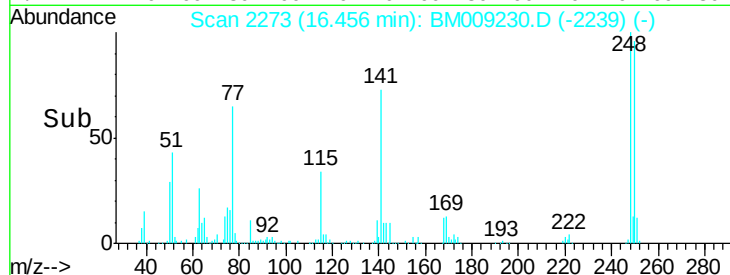
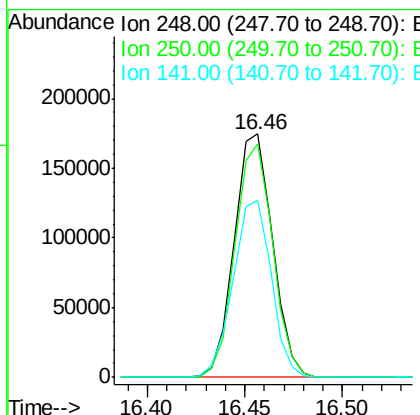
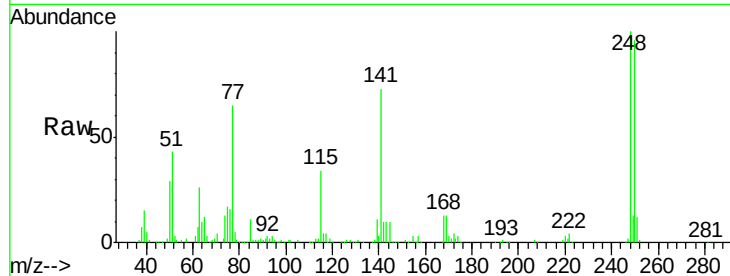




#65
4-Bromophenyl-phenylether
Concen: 19.90 ng/ul
RT: 16.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

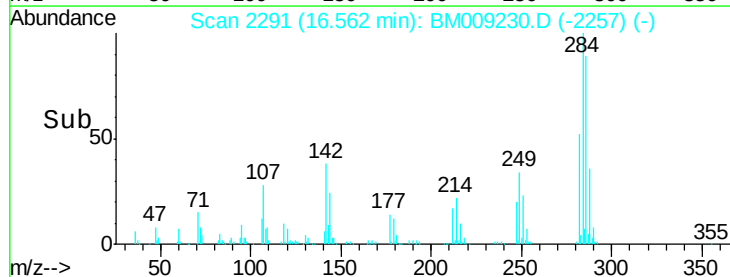
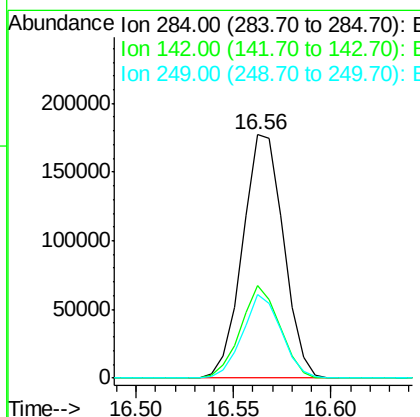
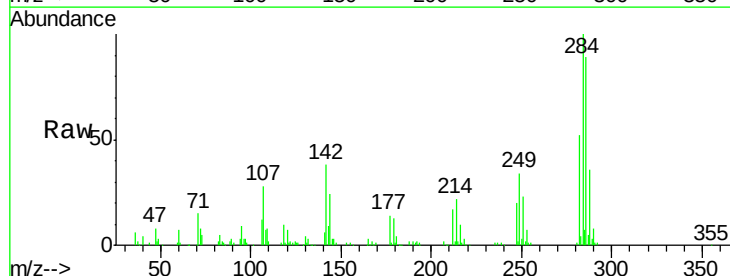
Instrument :
BNA_M
ClientSampleId :
SSTD02034

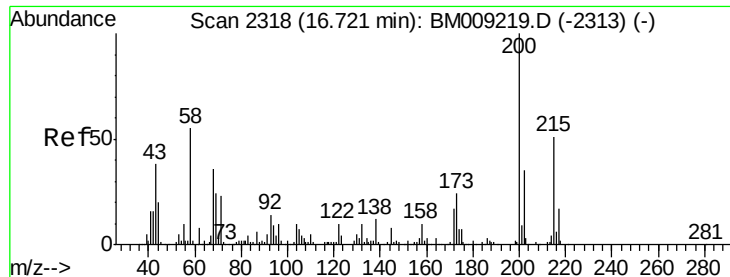
Tgt Ion:248 Resp: 238439
Ion Ratio Lower Upper
248 100
250 95.9 78.7 118.1
141 72.8 72.2 108.2



#66
Hexachlorobenzene
Concen: 19.31 ng/ul
RT: 16.56 min Scan# 2291
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion:284 Resp: 257437
Ion Ratio Lower Upper
284 100
142 38.2 33.1 49.7
249 34.2 27.1 40.7

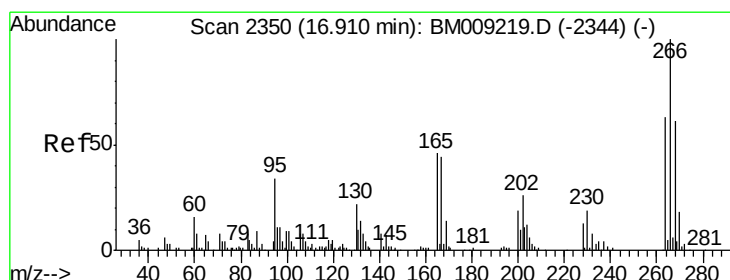
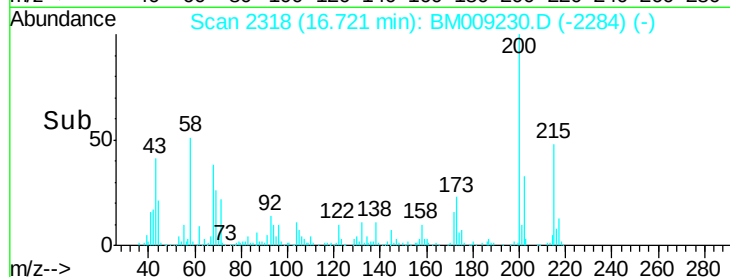
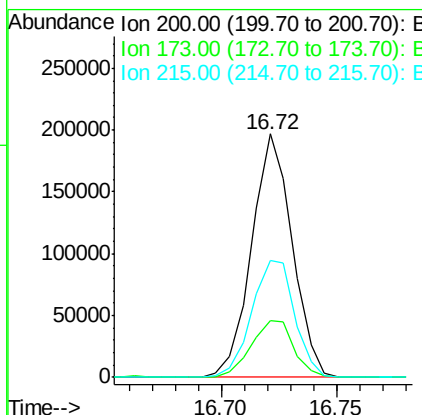
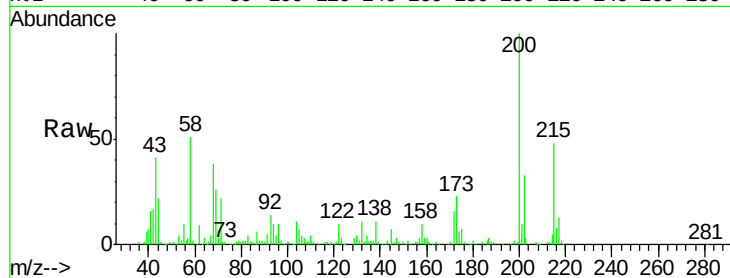




#67
Atrazine
Concen: 18.57 ng/ul
RT: 16.72 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

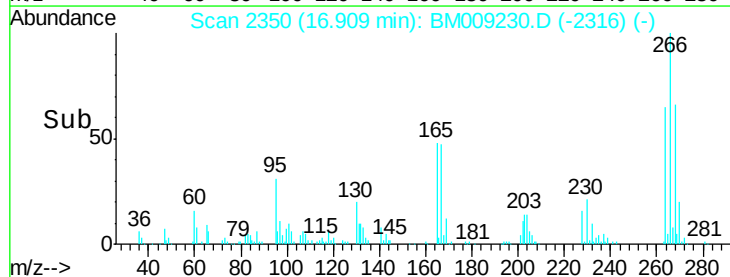
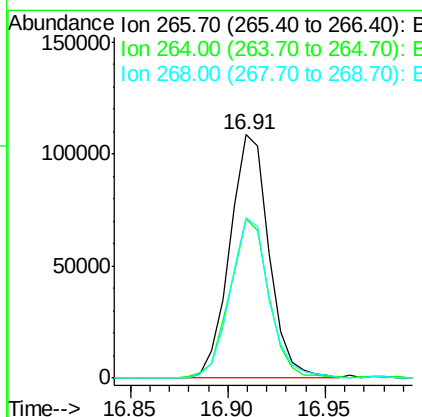
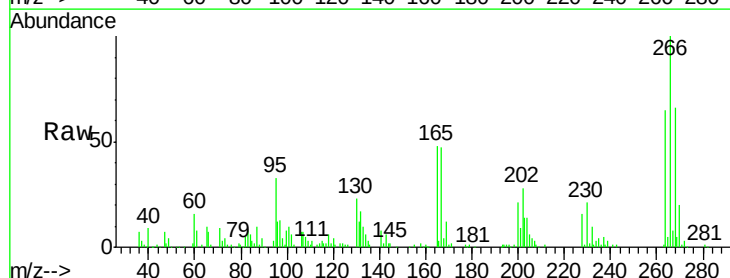
Instrument :
BNA_M
ClientSampleId :
SSTD02034

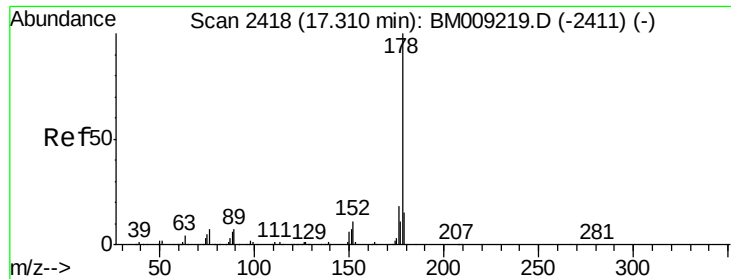
Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.2	21.6	32.4
215	47.9	37.0	55.4



#68
Pentachlorophenol
Concen: 17.35 ng/ul
RT: 16.91 min Scan# 2350
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.2	50.5	75.7
268	65.7	50.9	76.3





#69

Phenanthrene

Concen: 19.87 ng/ul

RT: 17.31 min Scan# 2418

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

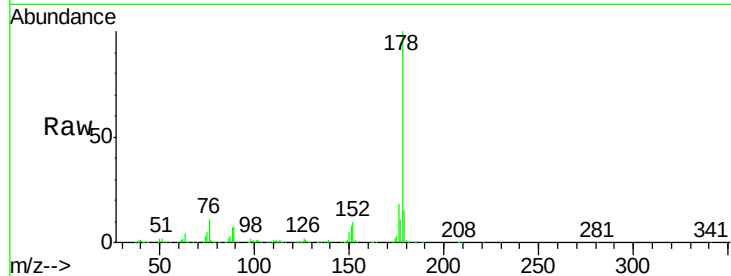
Tgt Ion:178 Resp: 1226677

Ion Ratio Lower Upper

178 100

179 14.8 12.2 18.4

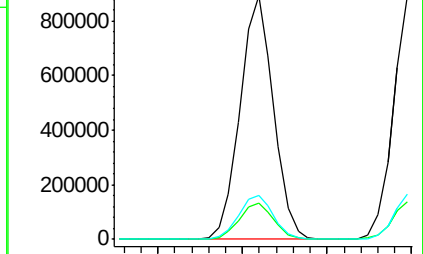
176 17.8 15.6 23.4



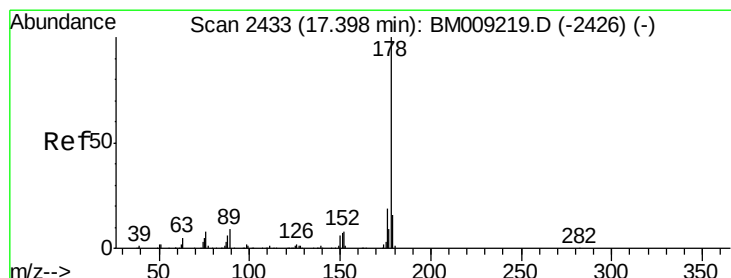
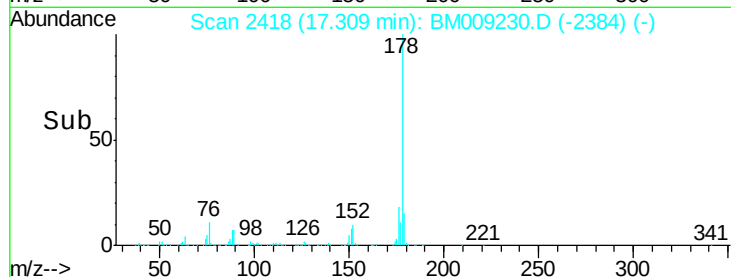
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 19.89 ng/ul

RT: 17.40 min Scan# 2433

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

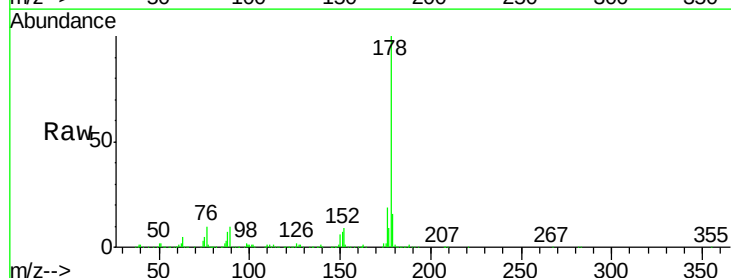
Tgt Ion:178 Resp: 1252419

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

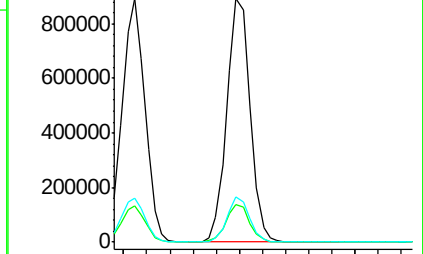
176 18.6 14.8 22.2



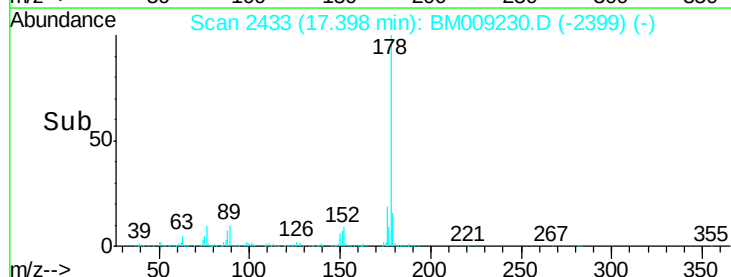
Abundance Ion 178.00 (177.70 to 178.70): E

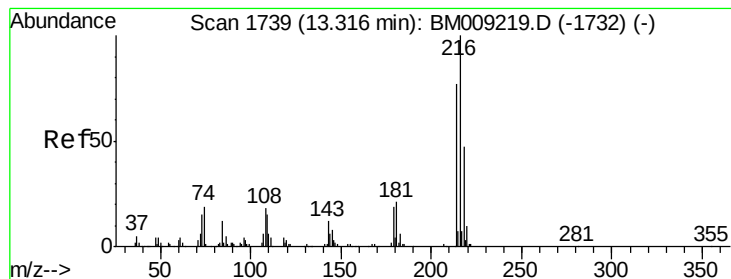
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.25 ng/uL

RT: 13.32 min Scan# 1739

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

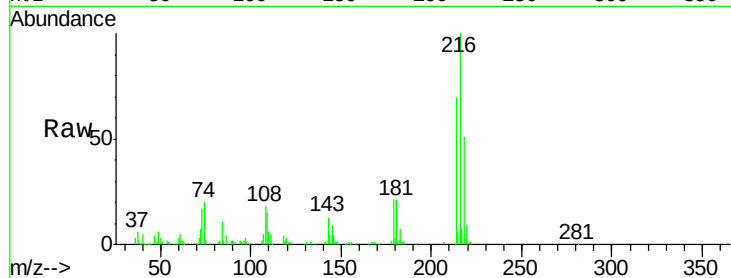
Tgt Ion:216 Resp: 250874

Ion Ratio Lower Upper

216 100

214 70.5 62.5 93.7

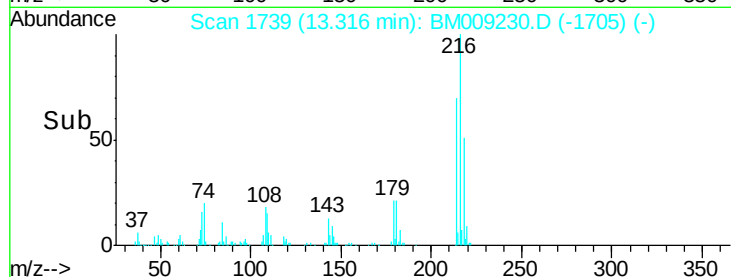
218 50.6 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

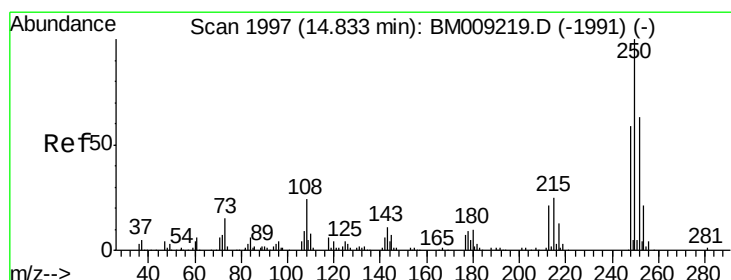
Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



Time-->

13.32



#73

Pentachlorobenzene

Concen: 19.35 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

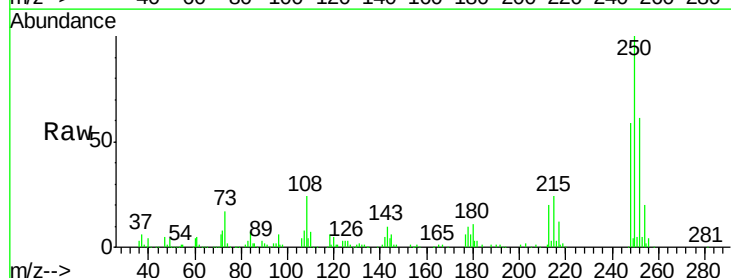
Tgt Ion:250 Resp: 270687

Ion Ratio Lower Upper

250 100

248 58.9 50.6 75.8

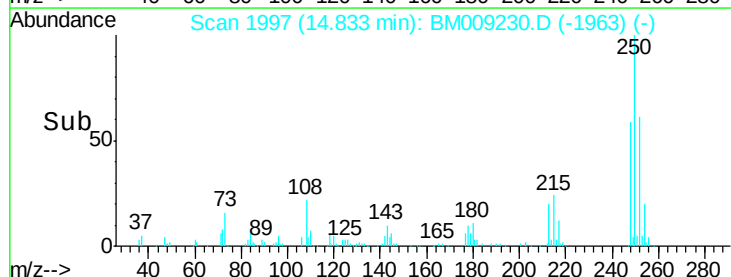
252 61.3 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

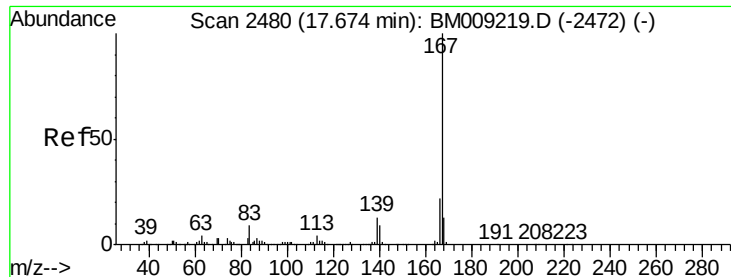
Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



Time-->

14.83



#74

Carbazole

Concen: 19.53 ng/ul

RT: 17.67 min Scan# 2480

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

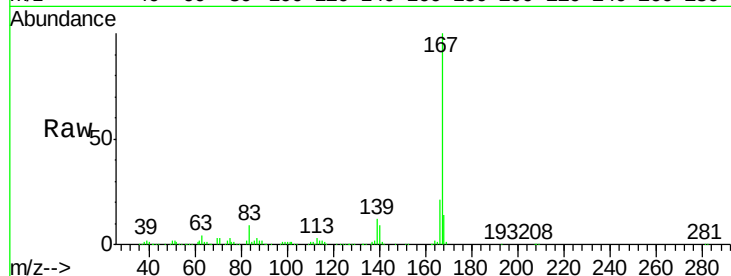
Tgt Ion:167 Resp: 1147846

Ion Ratio Lower Upper

167 100

166 20.8 17.0 25.6

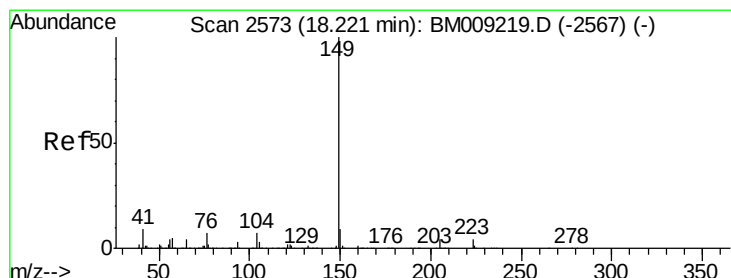
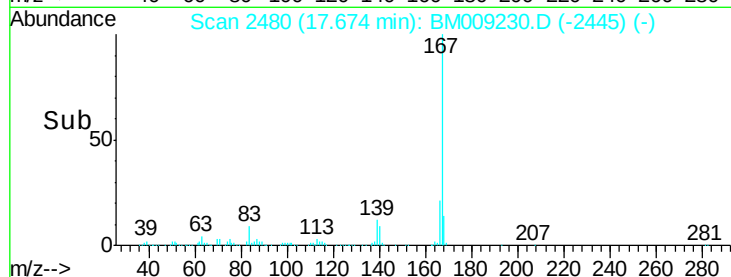
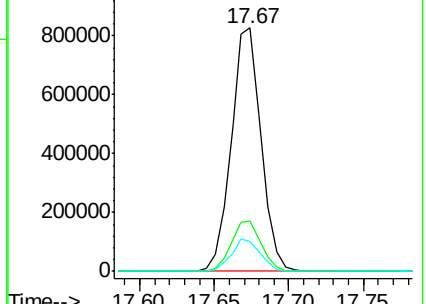
139 12.1 11.0 16.4



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 19.08 ng/ul

RT: 18.22 min Scan# 2573

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

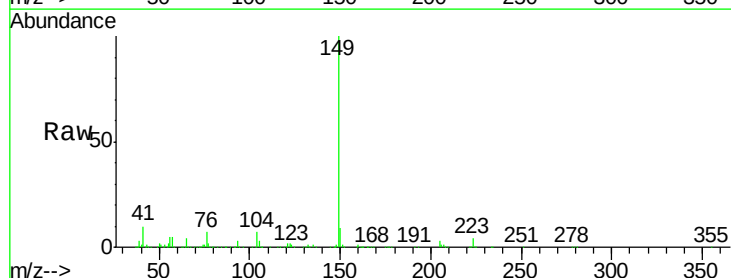
Tgt Ion:149 Resp: 1292030

Ion Ratio Lower Upper

149 100

150 8.8 7.4 11.0

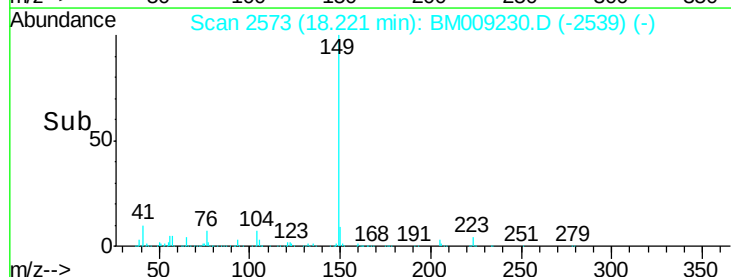
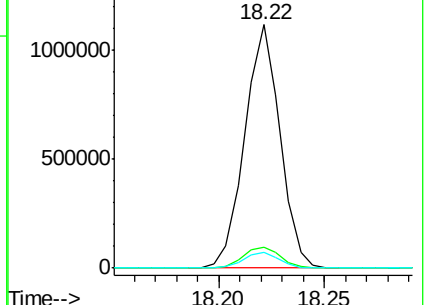
104 6.6 4.0 6.0#

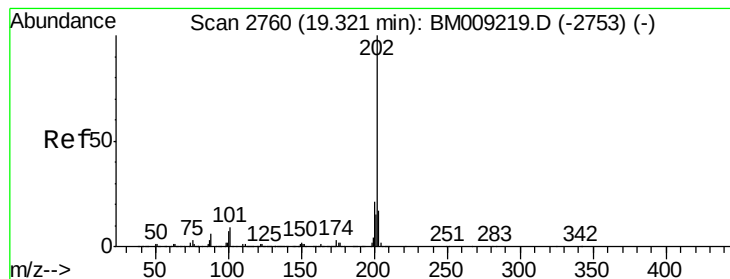


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 20.30 ng/ul

RT: 19.32 min Scan# 2760

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

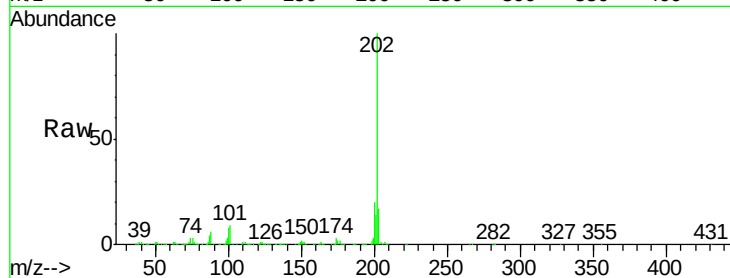
Tgt Ion:202 Resp: 1579809

Ion Ratio Lower Upper

202 100

101 9.3 8.8 13.2

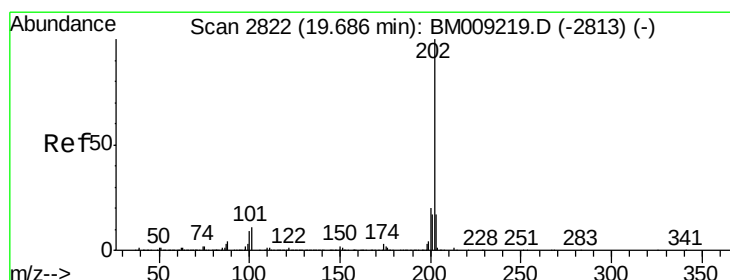
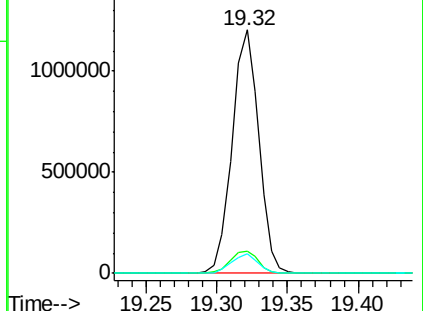
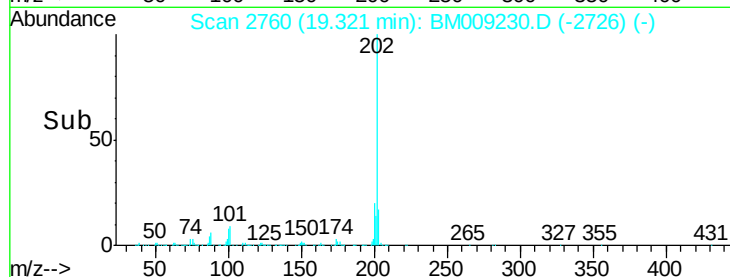
100 7.9 6.6 9.8



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



#79

Pyrene

Concen: 19.54 ng/ul

RT: 19.69 min Scan# 2822

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

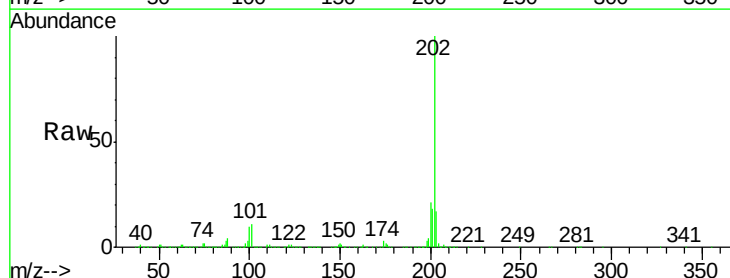
Tgt Ion:202 Resp: 1678735

Ion Ratio Lower Upper

202 100

101 10.7 10.2 15.2

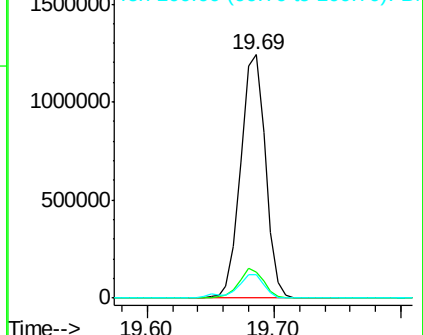
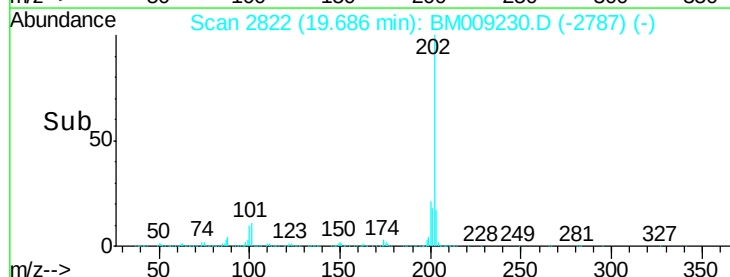
100 9.8 8.5 12.7

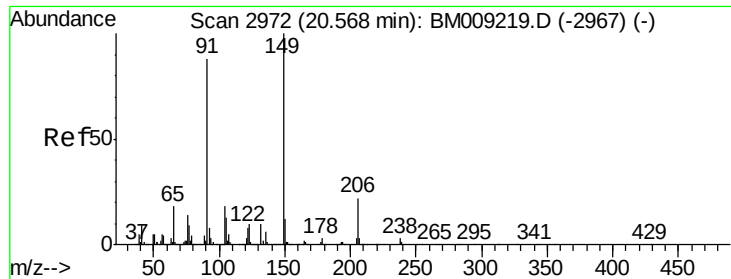


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

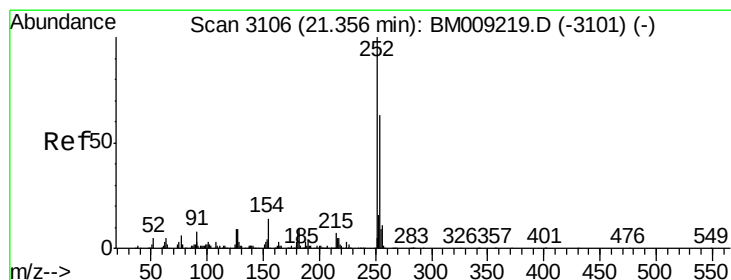
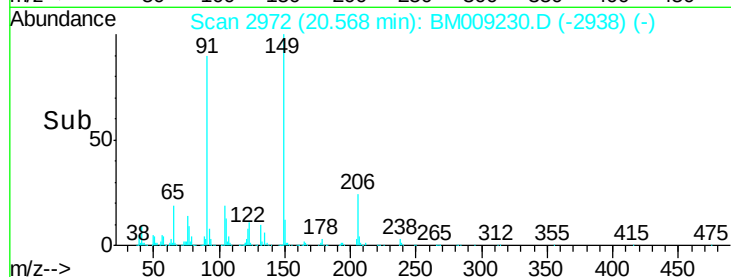
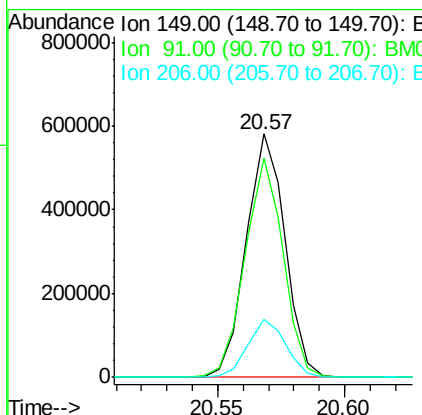
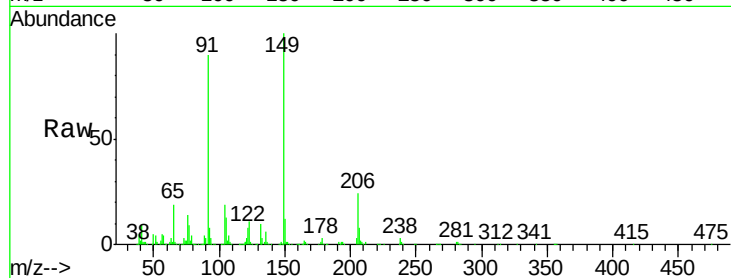




#80
Butylbenzylphthalate
Concen: 17.92 ng/ul
RT: 20.57 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

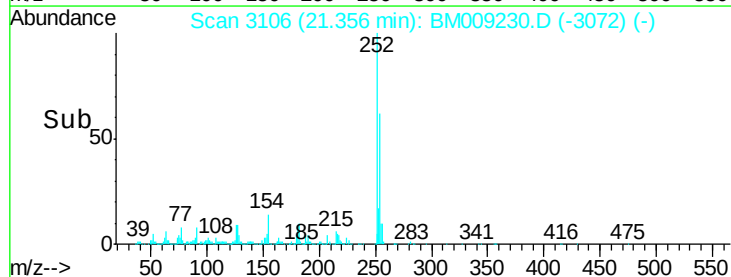
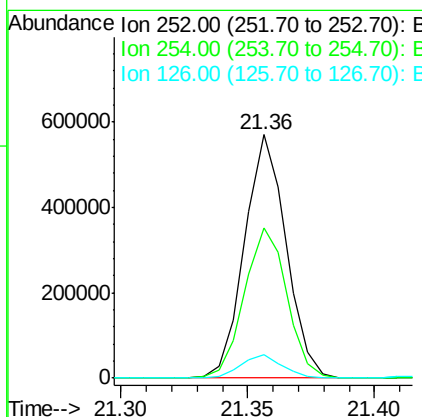
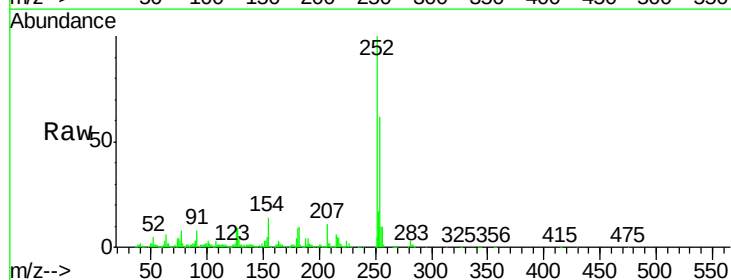
Instrument :
BNA_M
ClientSampleId :
SSTD02034

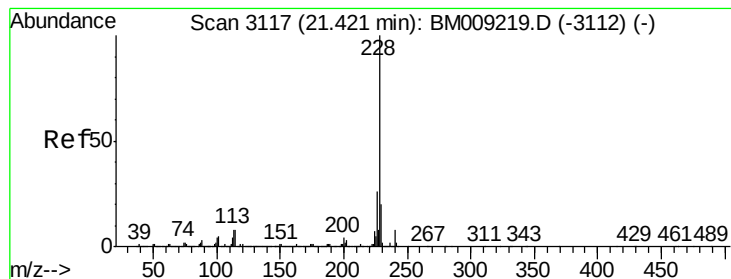
Tgt Ion:149 Resp: 618477
Ion Ratio Lower Upper
149 100
91 90.0 53.4 80.2#
206 23.9 16.6 24.8



#81
3,3'-Dichlorobenzidine
Concen: 20.72 ng/ul
RT: 21.36 min Scan# 3106
Delta R.T. -0.00 min
Lab File: BM009230.D
Acq: 13 Mar 2017 22:33

Tgt Ion:252 Resp: 648783
Ion Ratio Lower Upper
252 100
254 61.8 52.2 78.2
126 9.5 9.4 14.2





#82

Benzo(a)anthracene

Concen: 19.43 ng/ul

RT: 21.42 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

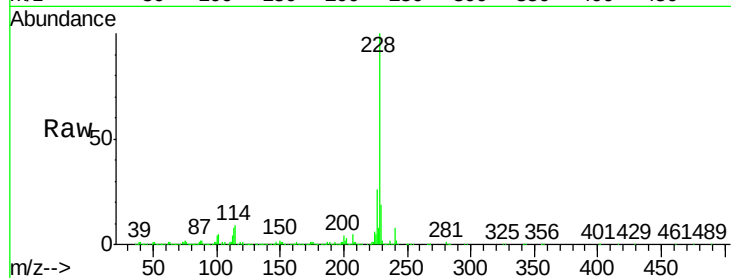
Tgt Ion:228 Resp: 1836296

Ion Ratio Lower Upper

228 100

229 19.3 15.7 23.5

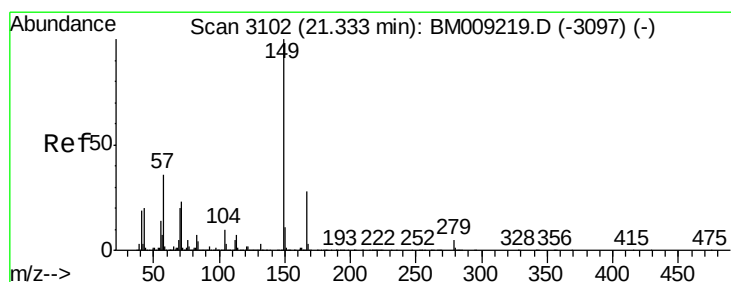
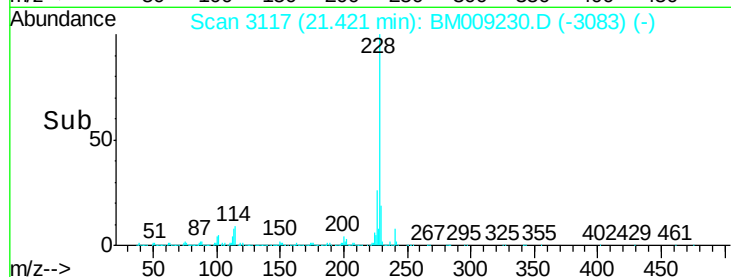
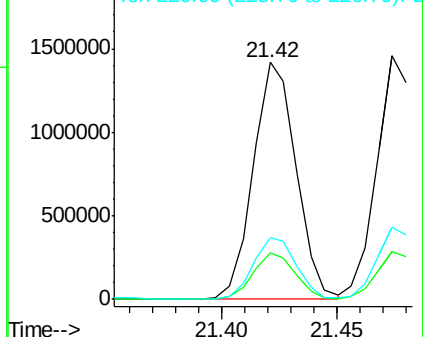
226 26.1 21.8 32.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 17.44 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

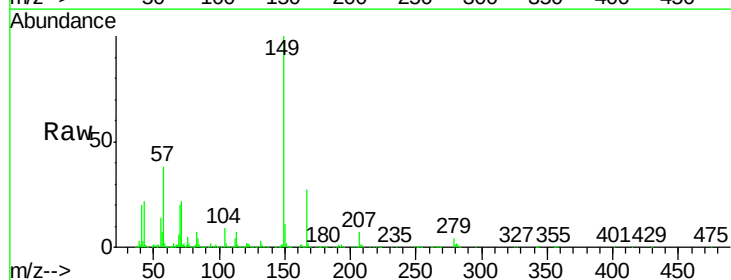
Tgt Ion:149 Resp: 937123

Ion Ratio Lower Upper

149 100

167 27.5 21.6 32.4

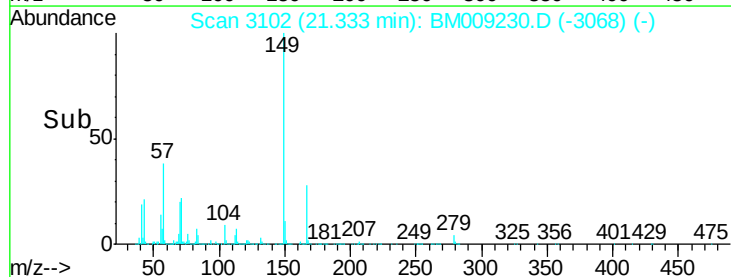
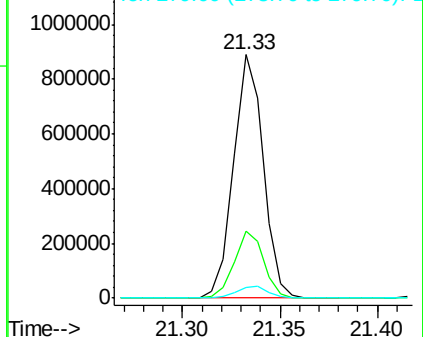
279 4.3 3.0 4.4

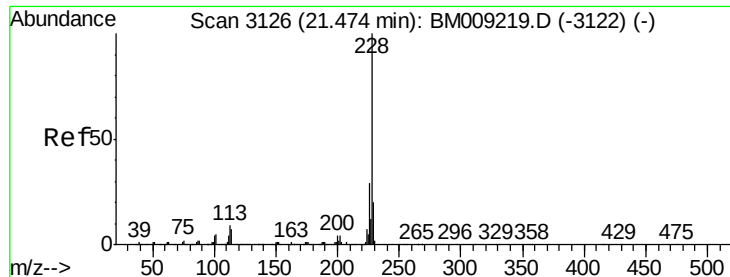


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 19.52 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

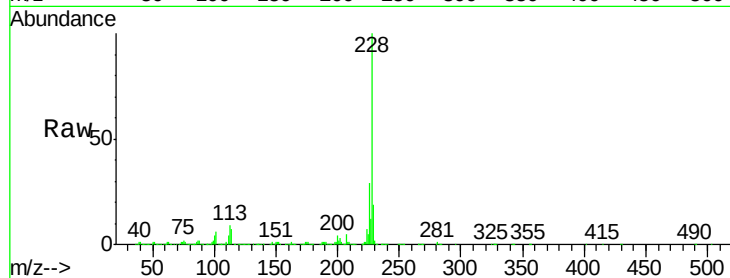
Tgt Ion:228 Resp: 1740115

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

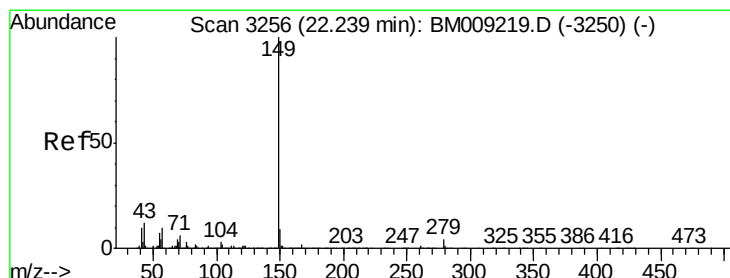
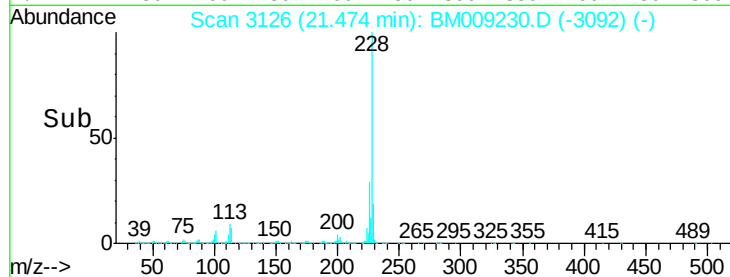
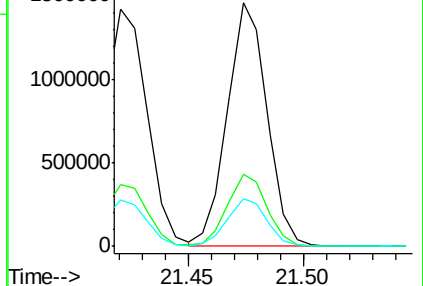
229 19.5 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 18.98 ng/ul

RT: 22.24 min Scan# 3256

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

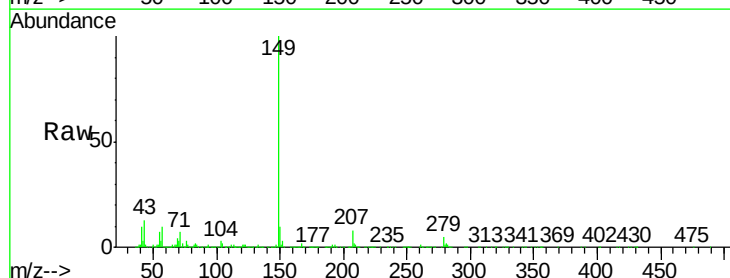
Tgt Ion:149 Resp: 1684098

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

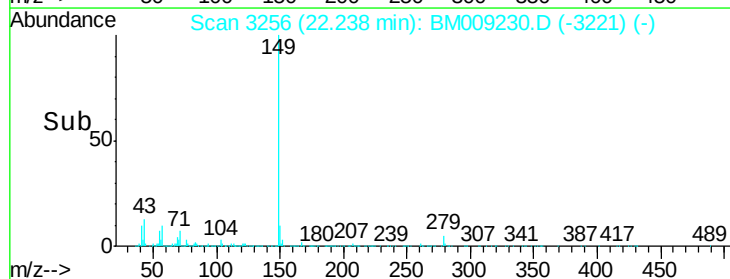
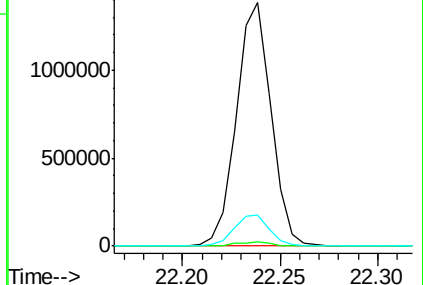
43 12.8 5.6 8.4#

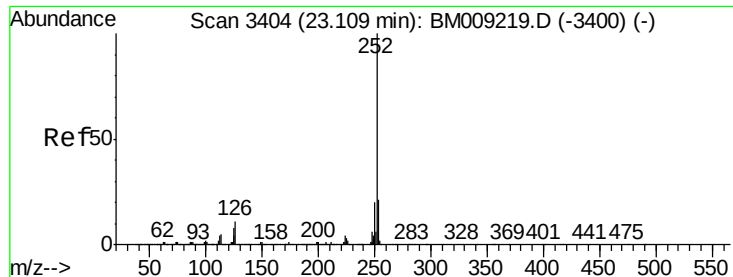


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 19.32 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

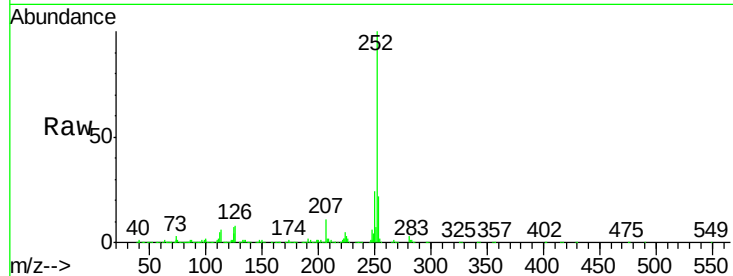
Tgt Ion:252 Resp: 1883935

Ion Ratio Lower Upper

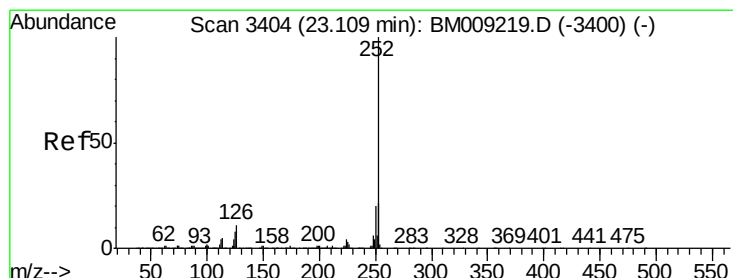
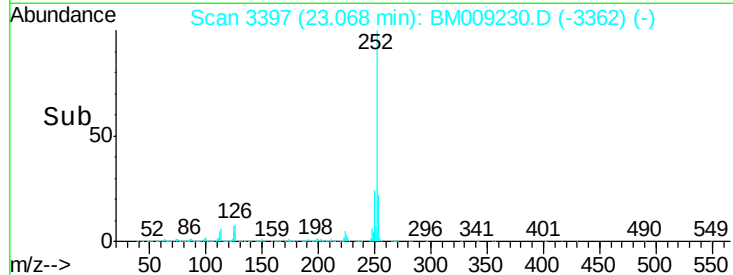
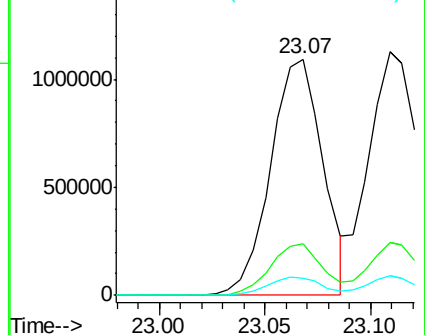
252 100

253 21.7 17.5 26.3

125 7.4 8.5 12.7#



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(k)fluoranthene

Concen: 20.09 ng/ul

RT: 23.11 min Scan# 3404

Delta R.T. -0.00 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

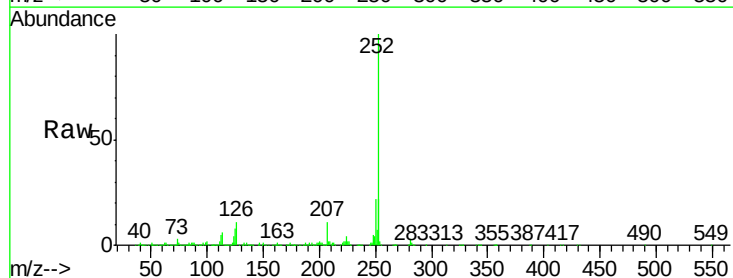
Tgt Ion:252 Resp: 1873202

Ion Ratio Lower Upper

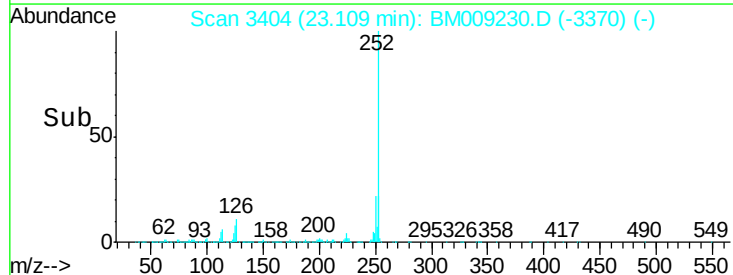
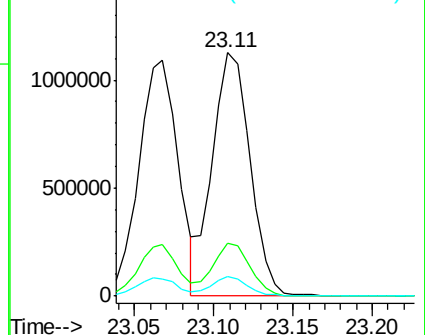
252 100

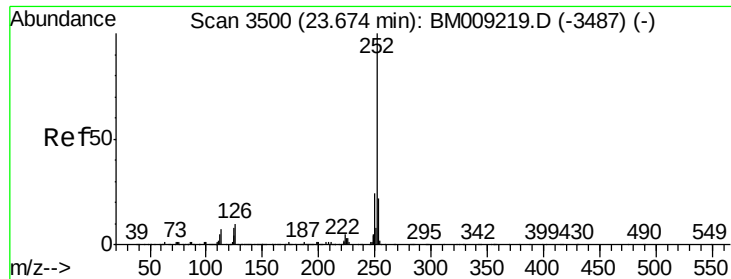
253 21.9 17.3 25.9

125 7.8 8.2 12.2#



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





#90

Benzo(a)pyrene

Concen: 19.68 ng/ul

RT: 23.67 min Scan# 3500

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

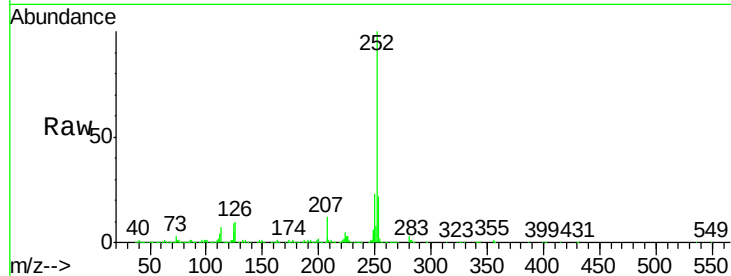
Tgt Ion:252 Resp: 1865372

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

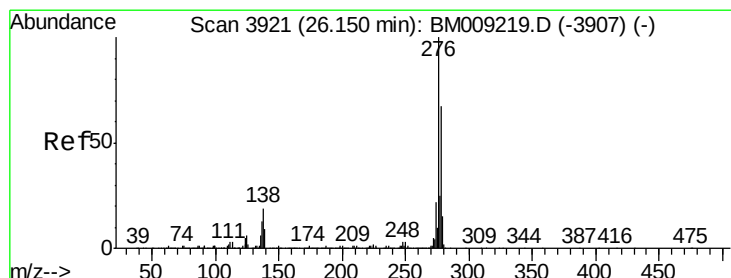
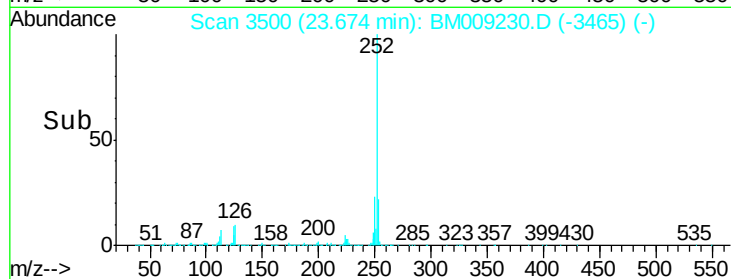
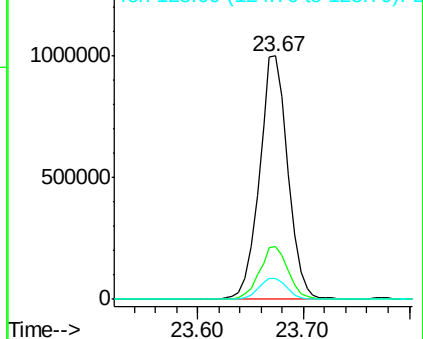
125 8.8 9.0 13.6#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 19.16 ng/ul

RT: 26.16 min Scan# 3922

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

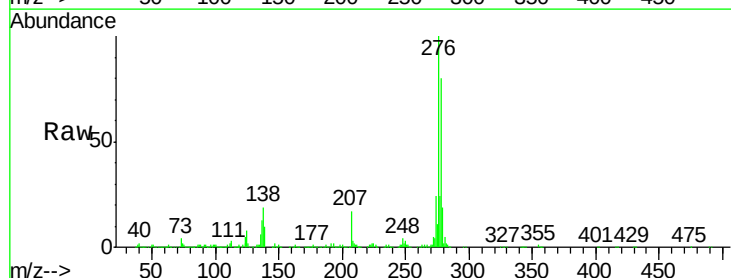
Tgt Ion:276 Resp: 2178723

Ion Ratio Lower Upper

276 100

138 18.6 22.3 33.5#

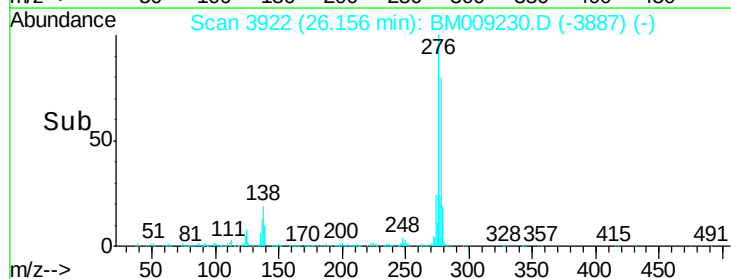
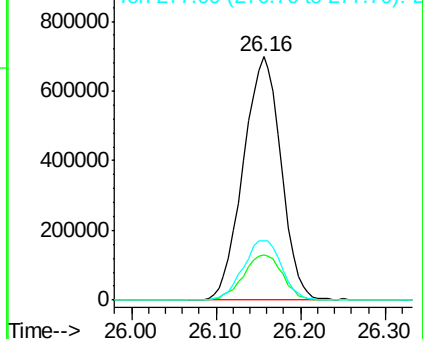
277 24.1 20.2 30.2

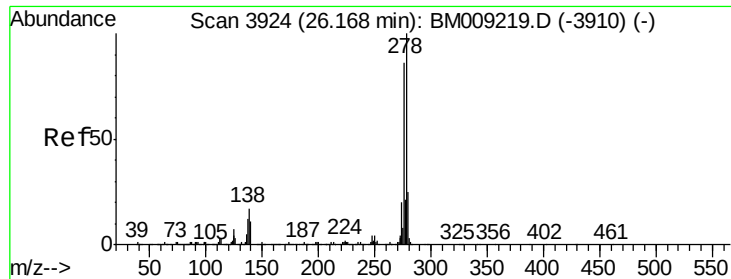


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 18.97 ng/ul

RT: 26.17 min Scan# 3924

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

Instrument :

BNA_M

ClientSampleId :

SSTD02034

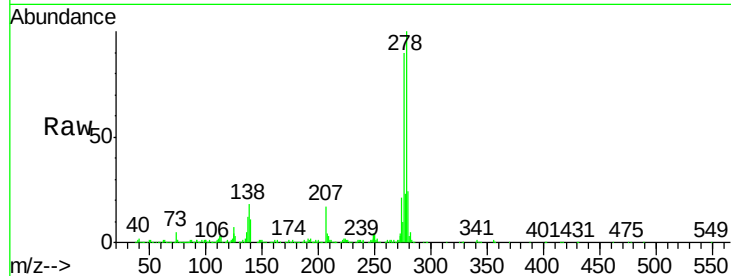
Tgt Ion:278 Resp: 1825096

Ion Ratio Lower Upper

278 100

139 10.7 13.9 20.9#

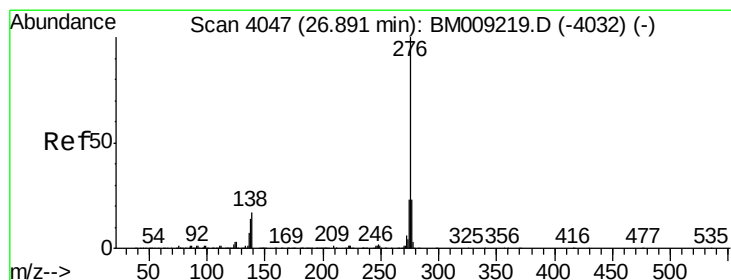
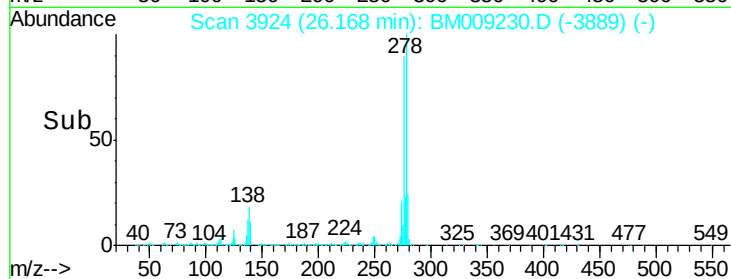
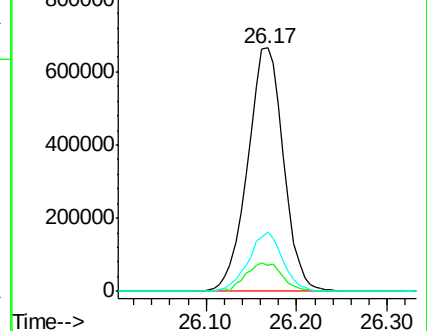
279 24.1 19.0 28.4



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



#93

Benzo(g,h,i)perylene

Concen: 19.14 ng/ul

RT: 26.89 min Scan# 4046

Delta R.T. 0.01 min

Lab File: BM009230.D

Acq: 13 Mar 2017 22:33

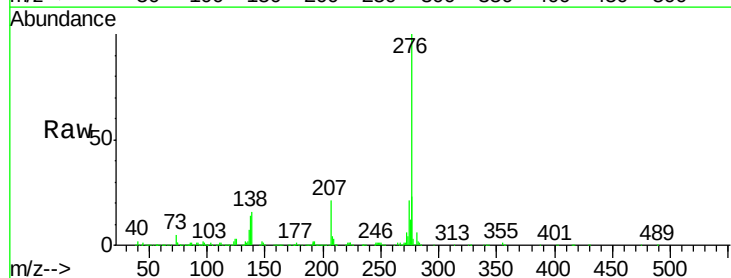
Tgt Ion:276 Resp: 1802022

Ion Ratio Lower Upper

276 100

138 15.8 18.9 28.3#

277 22.9 19.2 28.8



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

