

Data File : BM009042.D
Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Quant Time: Feb 28 00:08:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 00:07:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	183128	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	736957	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	536225	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	1138108	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1477334	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1407230	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	37160	8.15	ng/uL	0.00
5) Phenol-d5	7.05	99	323122	19.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	240986	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	225322	20.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.59	113	239480	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.06	128	106841	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	112957	19.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	249522	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.83	131	279793	22.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	729149	20.20	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	916344	20.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.72	143	122612	19.45	ng/ul	0.00
57) Fluorene-d10	15.53	176	698926	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	131177	19.15	ng/ul	0.00
70) Anthracene-d10	17.38	188	1108331	20.57	ng/ul	0.00
76) Pyrene-d10	19.67	212	1285882	19.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1314507	20.57	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.39	88	40781	7.65 ng/uL#	73
4) Benzaldehyde	7.04	77	271436	21.75 ng/ul#	84
6) Phenol	7.07	94	355029	20.27 ng/ul#	70
8) Bis(2-Chloroethyl)ether	7.32	93	273168	19.88 ng/ul	83
10) 2-Chlorophenol	7.46	128	232079	20.15 ng/ul#	81
11) 2-Methylphenol	8.33	108	241939	19.92 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.43	45	452718	19.99 ng/ul	95
14) Acetophenone	8.72	105	421991	19.99 ng/ul#	75
15) N-Nitroso-di-n-propylamine	8.70	70	256917	19.85 ng/ul#	82
16) 4-Methylphenol	8.66	108	259244	19.64 ng/ul	99
17) Hexachloroethane	8.97	117	110461	19.79 ng/ul	87
20) Nitrobenzene	9.10	77	374421	20.09 ng/ul#	91
21) Isophorone	9.62	82	616816	19.90 ng/ul#	94
23) 2-Nitrophenol	9.81	139	122646	20.02 ng/ul#	65
24) 2,4-Dimethylphenol	9.86	107	324071	20.46 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.10	93	359249	20.14 ng/ul	97
27) 2,4-Dichlorophenol	10.34	162	240365	20.53 ng/ul	92
28) Naphthalene	10.75	128	738878	20.00 ng/ul	97
30) 4-Chloroaniline	10.86	127	290352	21.79 ng/ul	100
31) Hexachlorobutadiene	11.02	225	197200	20.16 ng/ul	95
32) Caprolactam	11.63	113	46647	13.29 ng/ul	87
33) 4-Chloro-3-methylphenol	11.97	107	281604	20.53 ng/ul	93
34) 2-Methylnaphthalene	12.36	142	556763	20.18 ng/ul	95

Data File : BM009042.D
Acq On : 27 Feb 2017 22:57
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Quant Time: Feb 28 00:08:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 28 00:07:15 2017
Response via : Initial Calibration

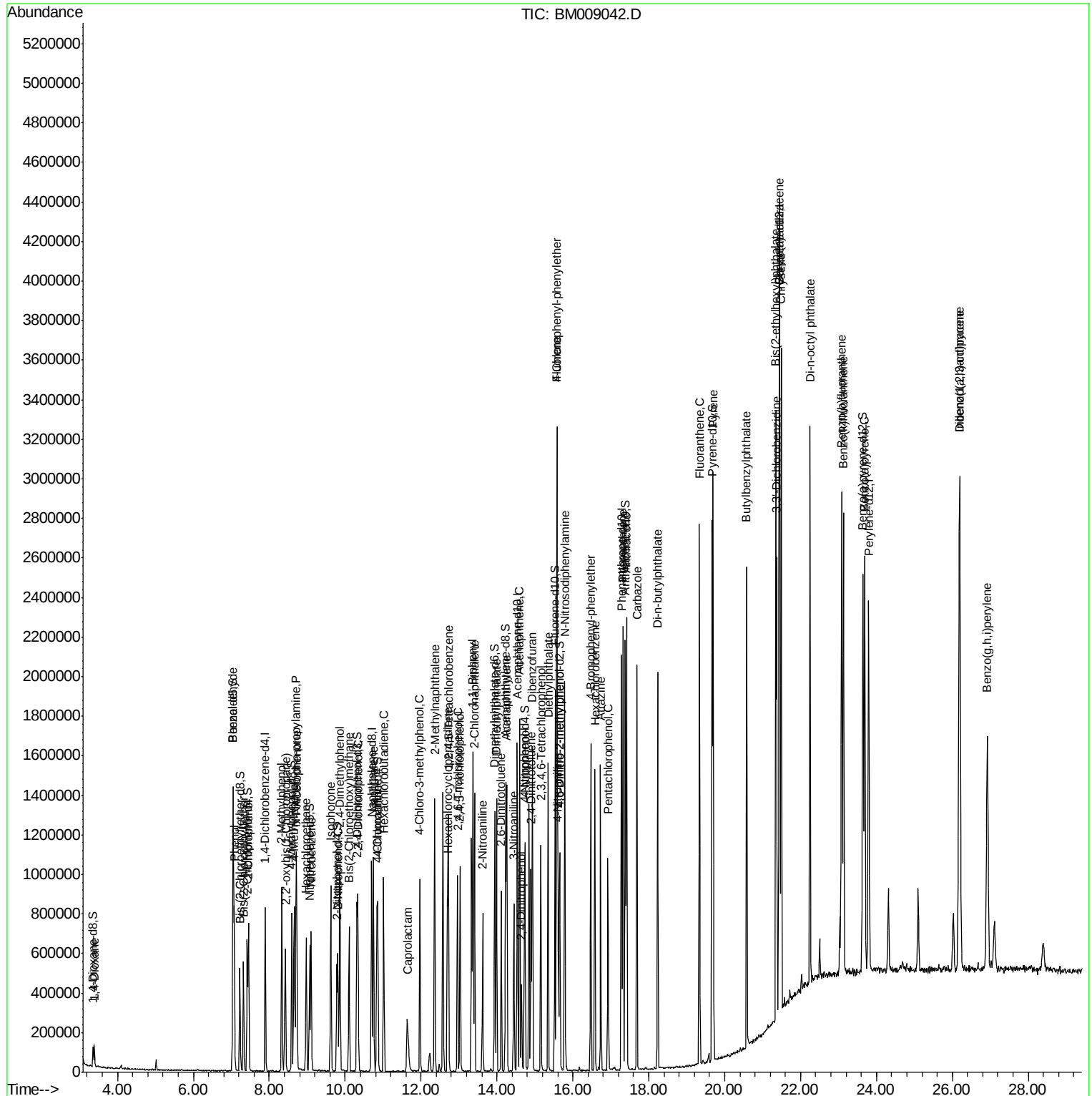
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.72	216	360689	20.68	ng/ul#	95
37) Hexachlorocyclopentadiene	12.69	237	212852	18.94	ng/ul	97
38) 2,4,6-Trichlorophenol	12.96	196	203649	20.46	ng/ul	93
39) 2,4,5-Trichlorophenol	13.03	196	230474	21.22	ng/ul	92
40) 1,1'-Biphenyl	13.37	154	760275	20.56	ng/ul	96
41) 2-Chloronaphthalene	13.41	162	590437	20.49	ng/ul	96
42) 2-Nitroaniline	13.62	65	223246	20.33	ng/ul#	78
44) Dimethylphthalate	13.99	163	735129	20.35	ng/ul	97
45) 2,6-Dinitrotoluene	14.12	165	144336	20.96	ng/ul#	72
47) Acenaphthylene	14.26	152	903462	20.80	ng/ul	99
48) 3-Nitroaniline	14.44	138	143906	21.30	ng/ul	89
49) Acenaphthene	14.60	153	651012	20.98	ng/ul	99
50) 2,4-Dinitrophenol	14.64	184	69942	15.68	ng/ul#	76
52) 4-Nitrophenol	14.74	109	161530	20.00	ng/ul#	76
53) Dibenzofuran	14.93	168	942869	20.74	ng/ul	92
54) 2,4-Dinitrotoluene	14.90	165	210789	20.73	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	15.16	232	206991	20.61	ng/ul	92
56) Diethylphthalate	15.35	149	756865	20.46	ng/ul	98
58) Fluorene	15.58	166	793308	20.96	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.57	204	425543	20.78	ng/ul	92
60) 4-Nitroaniline	15.61	138	158447	21.07	ng/ul#	37
63) 4,6-Dinitro-2-methylphenol	15.66	198	137317	19.09	ng/ul#	85
64) N-Nitrosodiphenylamine	15.79	169	672108	20.23	ng/ul	99
65) 4-Bromophenyl-phenylether	16.47	248	270633	20.85	ng/ul	92
66) Hexachlorobenzene	16.58	284	280233	19.69	ng/ul	97
67) Atrazine	16.74	200	260314	19.95	ng/ul	94
68) Pentachlorophenol	16.93	266	166706	18.91	ng/ul	89
69) Phenanthrene	17.32	178	1274899	20.27	ng/ul	99
71) Anthracene	17.42	178	1318805	20.55	ng/ul	97
72) Carbazole	17.69	167	1156461	20.36	ng/ul	98
73) Di-n-butylphthalate	18.23	149	1312279	20.39	ng/ul#	97
74) Fluoranthene	19.33	202	1556599	20.46	ng/ul#	94
77) Pyrene	19.70	202	1662895	20.15	ng/ul#	95
78) Butylbenzylphthalate	20.58	149	597209	20.12	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.37	252	596139	21.08	ng/ul	97
80) Benzo(a)anthracene	21.43	228	1728739	20.51	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.34	149	867055	20.14	ng/ul	94
82) Chrysene	21.49	228	1638264	20.45	ng/ul	99
84) Di-n-octyl phthalate	22.25	149	1516280	18.71	ng/ul#	91
85) Benzo(b)fluoranthene	23.08	252	1703222	20.12	ng/ul#	98
86) Benzo(k)fluoranthene	23.13	252	1651159	20.72	ng/ul#	98
88) Benzo(a)pyrene	23.69	252	1635030	20.37	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.19	276	1852789	20.32	ng/ul#	92
90) Dibenzo(a,h)anthracene	26.20	278	1589775	20.47	ng/ul#	97
91) Benzo(g,h,i)perylene	26.92	276	1527525	20.24	ng/ul#	94

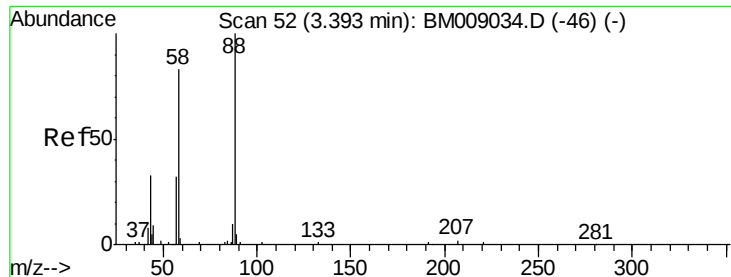
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 2 Sample Multiplier: 1

SSTD02059

Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.65 ng/uL

RT: 3.39 min Scan# 52

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

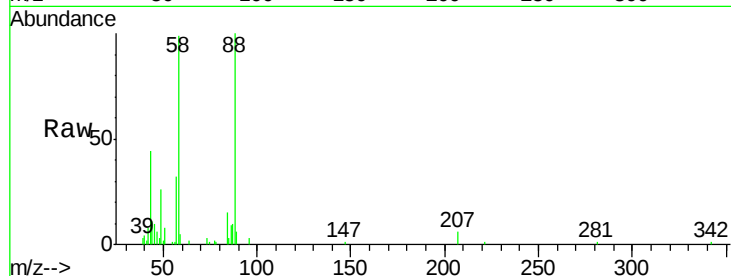
Tgt Ion: 88 Resp: 40781

Ion Ratio Lower Upper

88 100

43 39.7 59.0 88.4#

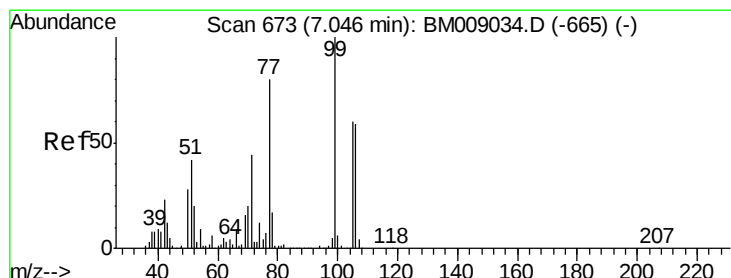
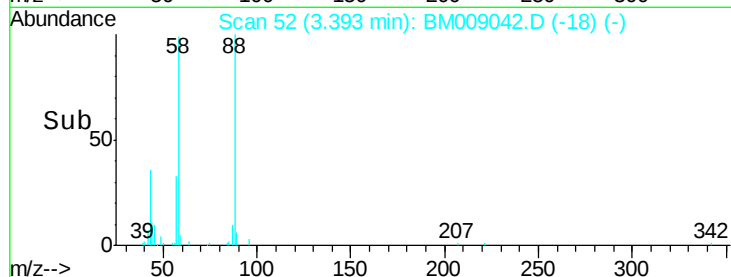
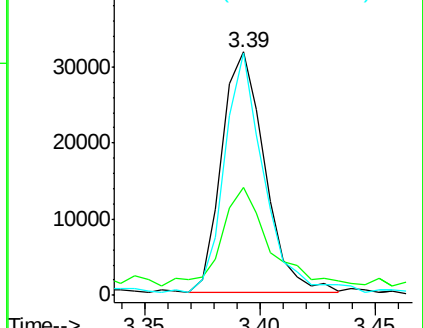
58 90.0 87.4 131.2



Abundance Ion 88.00 (87.70 to 88.70): BM009034.D (-46) (-)

Ion 43.00 (42.70 to 43.70): BM009034.D (-46) (-)

Ion 58.00 (57.70 to 58.70): BM009034.D (-46) (-)



#4

Benzaldehyde

Concen: 21.75 ng/uL

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

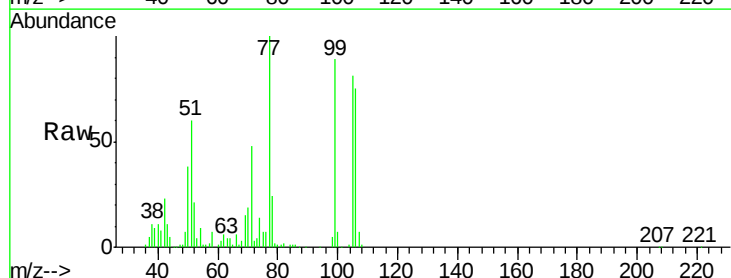
Tgt Ion: 77 Resp: 271436

Ion Ratio Lower Upper

77 100

105 81.0 54.8 82.2

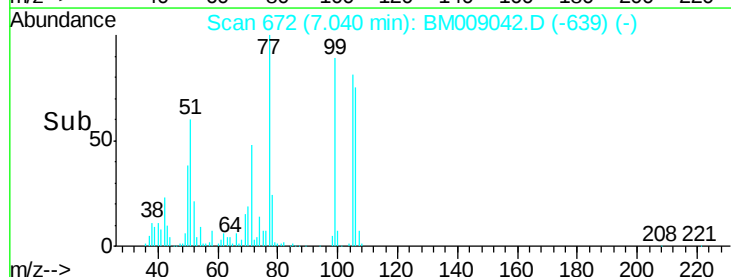
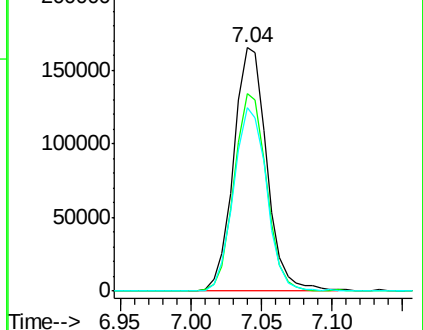
106 75.5 50.2 75.4#

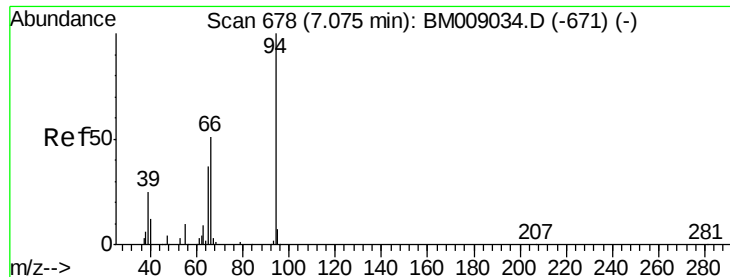


Abundance Ion 77.00 (76.70 to 77.70): BM009034.D (-665) (-)

Ion 105.00 (104.70 to 105.70): BM009034.D (-665) (-)

Ion 106.00 (105.70 to 106.70): BM009034.D (-665) (-)





#6

Phenol

Concen: 20.27 ng/ul

RT: 7.07 min Scan# 678

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

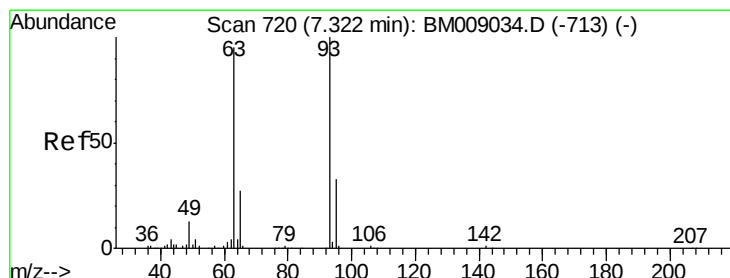
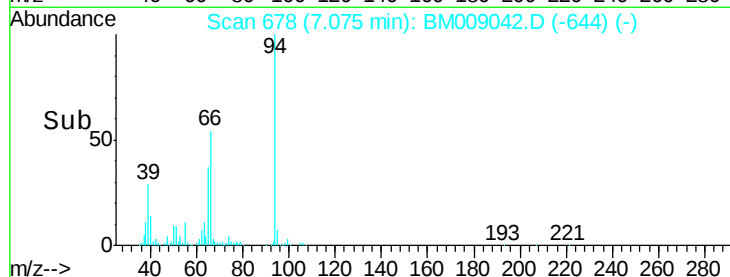
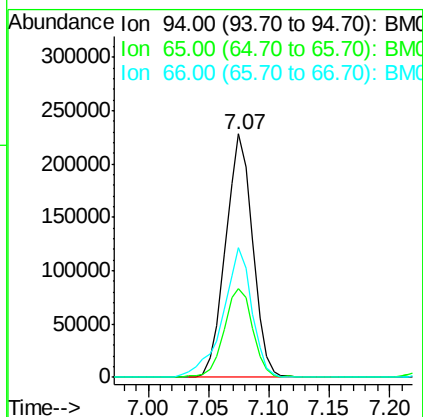
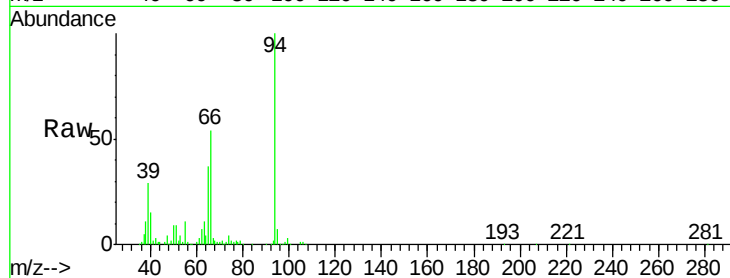
Tgt Ion: 94 Resp: 355029

Ion Ratio Lower Upper

94 100

65 36.7 39.8 59.6#

66 53.5 69.9 104.9#



#8

Bis(2-Chloroethyl)ether

Concen: 19.88 ng/ul

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

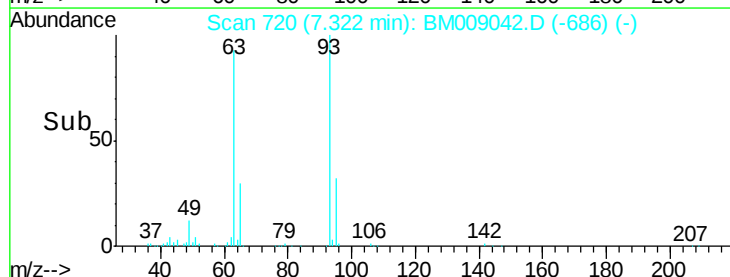
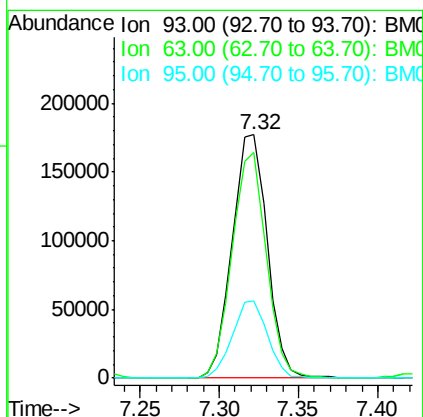
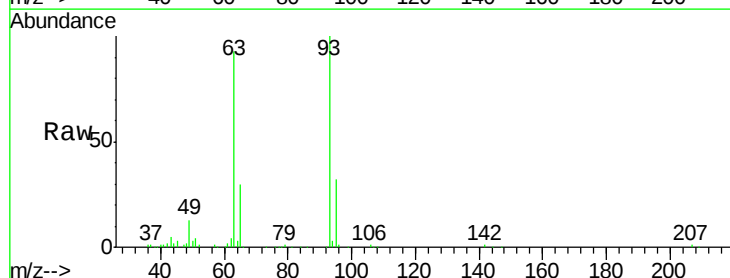
Tgt Ion: 93 Resp: 273168

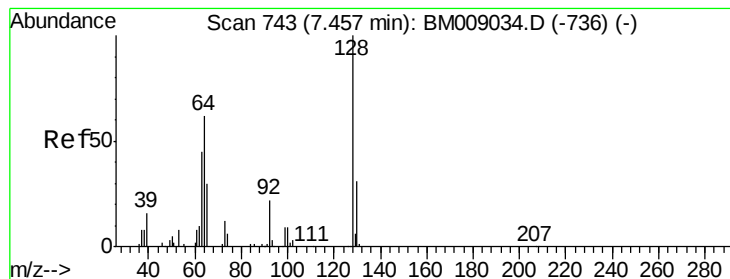
Ion Ratio Lower Upper

93 100

63 92.8 92.0 138.0

95 31.6 26.7 40.1





#10

2-Chlorophenol

Concen: 20.15 ng/ul

RT: 7.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

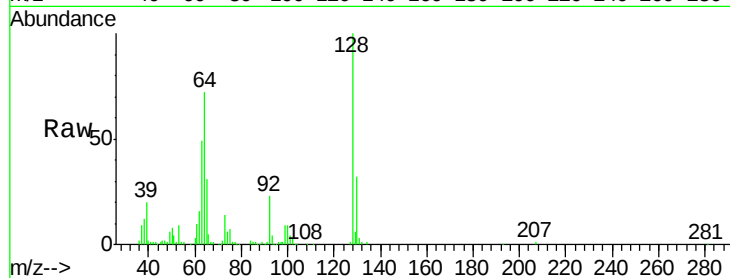
Tgt Ion:128 Resp: 232079

Ion Ratio Lower Upper

128 100

64 72.0 76.6 115.0#

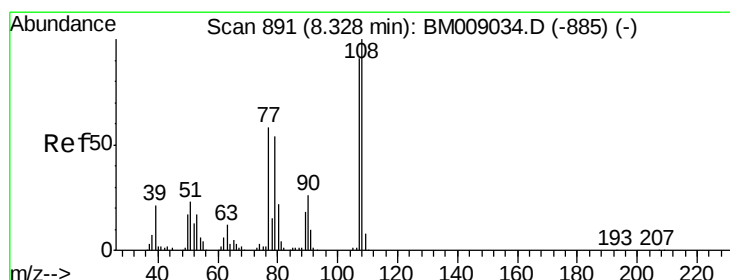
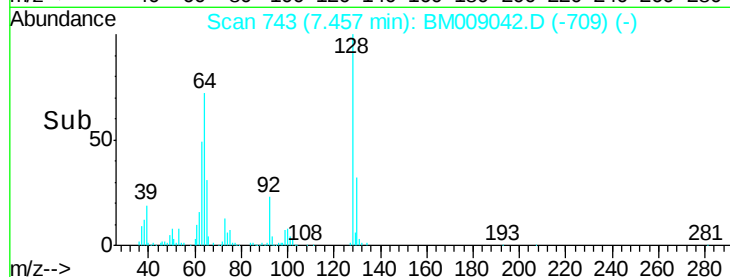
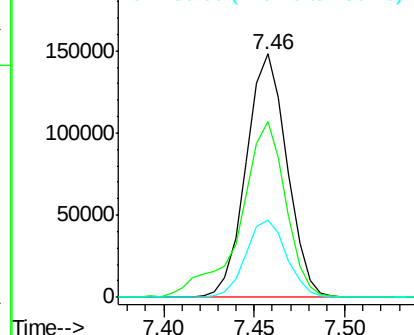
130 32.0 26.5 39.7



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: 19.92 ng/ul

RT: 8.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BM009042.D

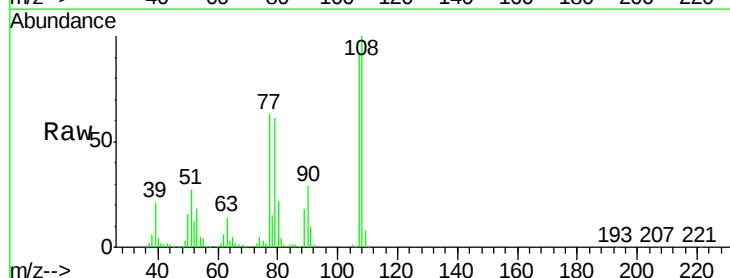
Acq: 27 Feb 2017 22:57

Tgt Ion:108 Resp: 241939

Ion Ratio Lower Upper

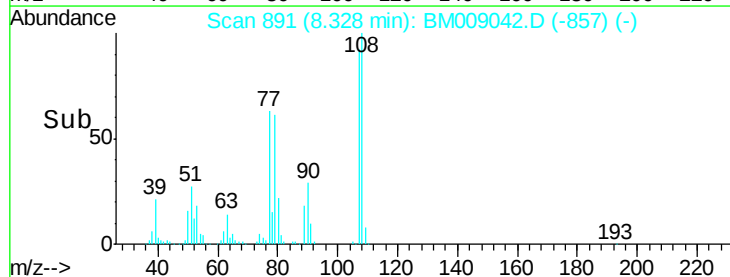
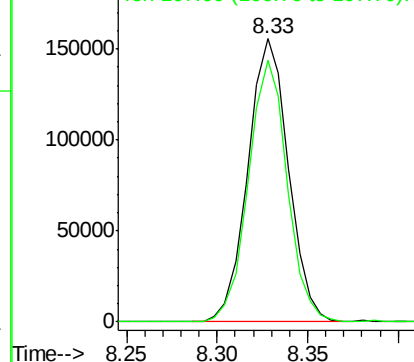
108 100

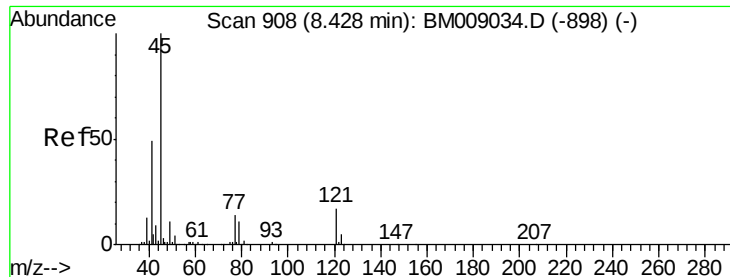
107 92.3 75.1 112.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

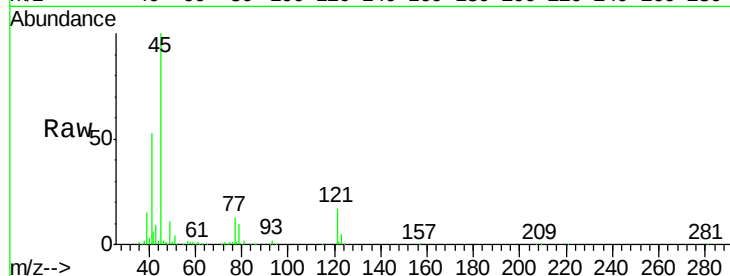




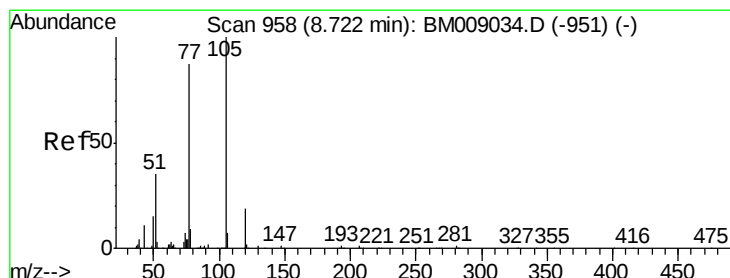
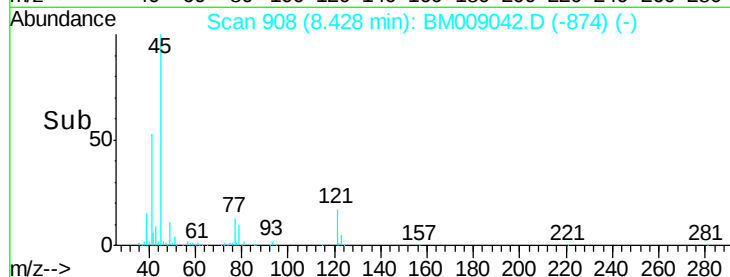
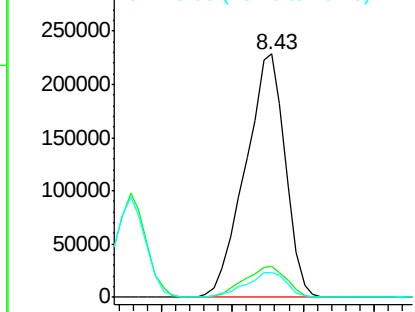
#12
2,2'-oxybis(1-chloropropane)
Concen: 19.99 ng/ul
RT: 8.43 min Scan# 908
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion	Ratio	Lower	Upper
45	100		
77	12.8	11.9	17.9
79	10.2	9.7	14.5

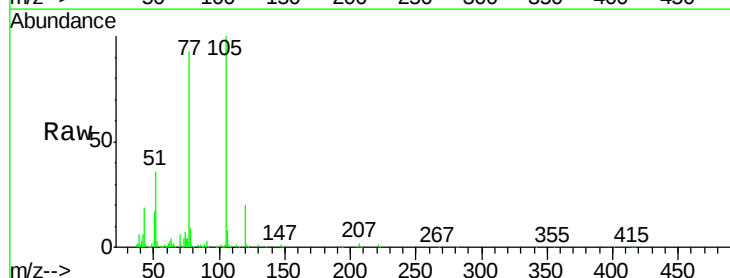


Abundance Ion 45.00 (44.70 to 45.70): BM009034.D (-898) (-)
Ion 77.00 (76.70 to 77.70): BM009034.D (-898) (-)
Ion 79.00 (78.70 to 79.70): BM009034.D (-898) (-)

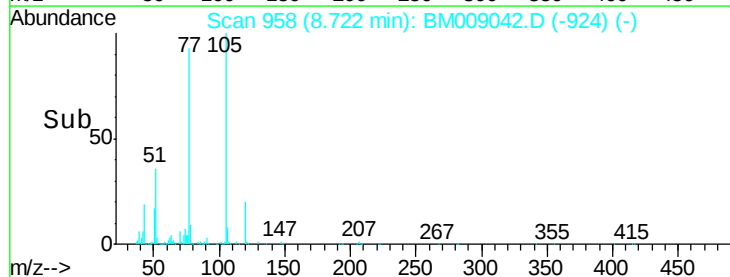
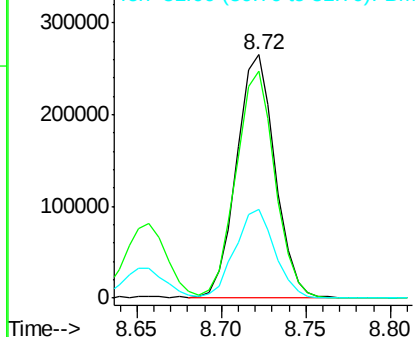


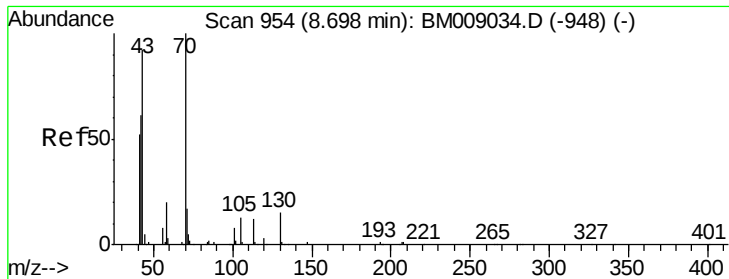
#14
Acetophenone
Concen: 19.99 ng/ul
RT: 8.72 min Scan# 958
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion	Ratio	Lower	Upper
105	100		
77	93.1	91.7	137.5
51	36.3	50.8	76.2#



Abundance Ion 105.00 (104.70 to 105.70): BM009034.D (-951) (-)
Ion 77.00 (76.70 to 77.70): BM009034.D (-951) (-)
Ion 51.00 (50.70 to 51.70): BM009034.D (-951) (-)

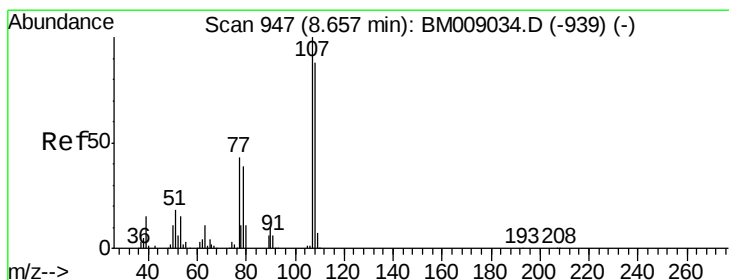
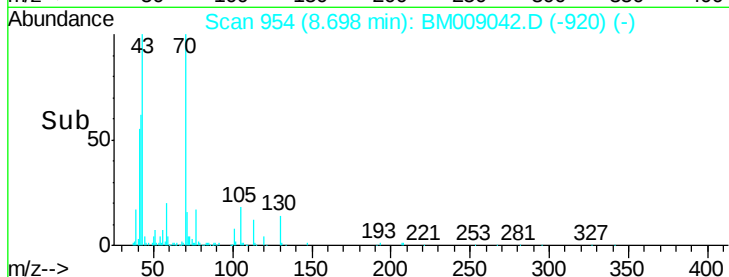
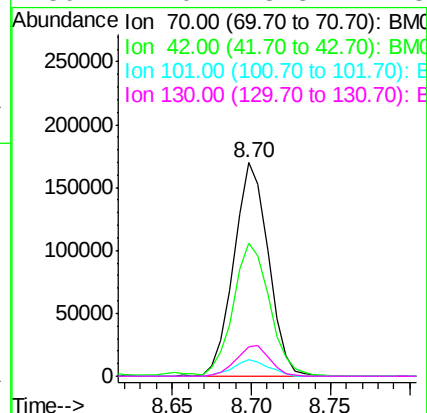
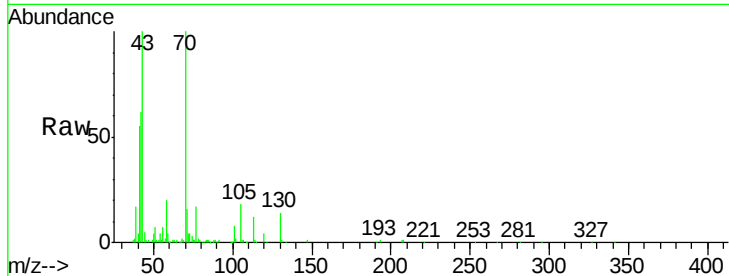




#15
N-Nitroso-di-n-propylamine
Concen: 19.85 ng/ul
RT: 8.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

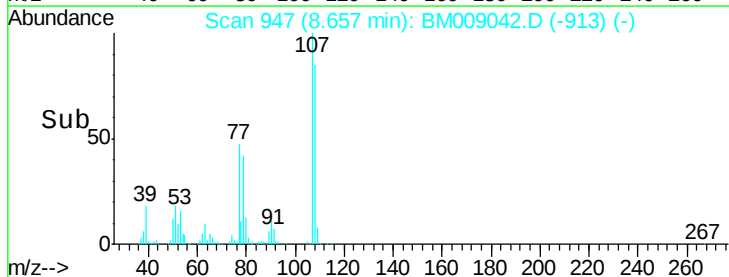
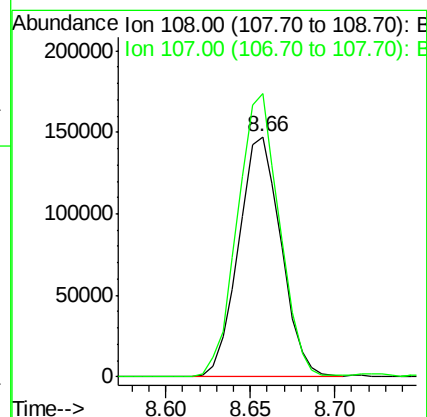
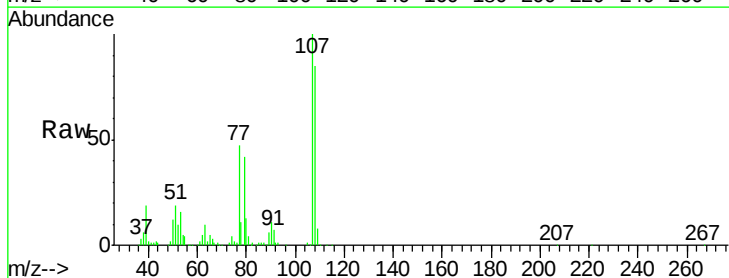
Instrument :
BNA_M
ClientSampleId :
SSTD02059

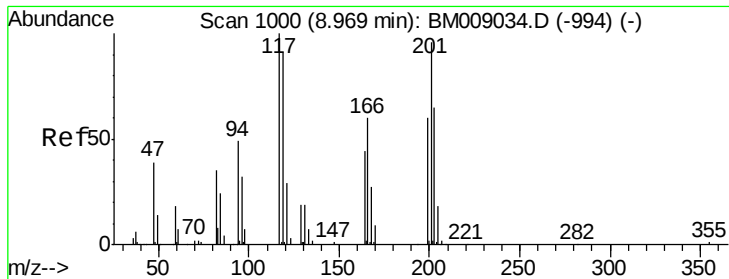
Tgt Ion: 70 Resp: 256917
Ion Ratio Lower Upper
70 100
42 62.3 64.2 96.2#
101 7.9 5.1 7.7#
130 14.0 8.3 12.5#



#16
4-Methylphenol
Concen: 19.64 ng/ul
RT: 8.66 min Scan# 947
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion: 108 Resp: 259244
Ion Ratio Lower Upper
108 100
107 117.8 93.1 139.7

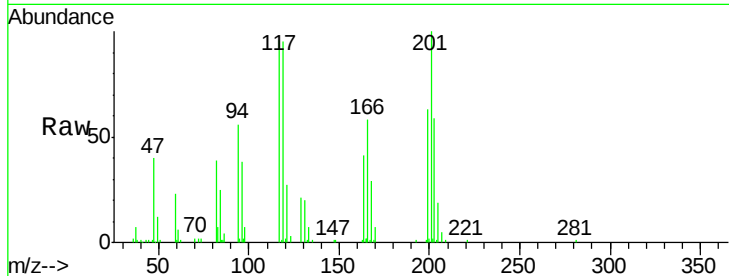




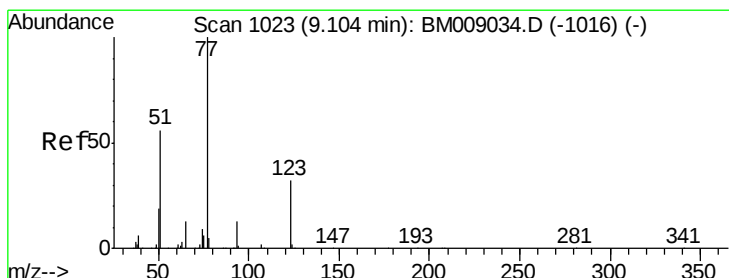
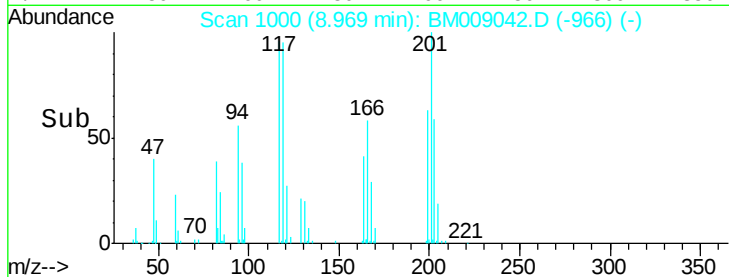
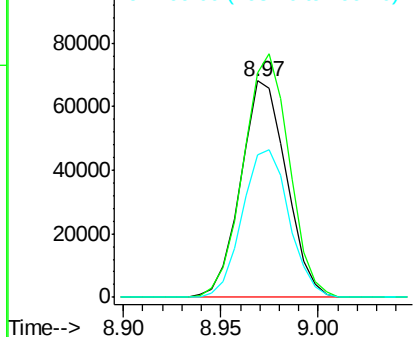
#17
Hexachloroethane
Concen: 19.79 ng/ul
RT: 8.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion: 117 Resp: 110461
Ion Ratio Lower Upper
117 100
201 104.1 71.0 106.6
199 65.8 47.8 71.8

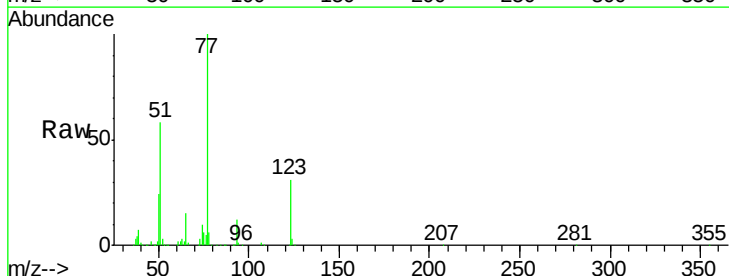


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 201.00 (200.70 to 201.70): E
Ion 199.00 (198.70 to 199.70): E

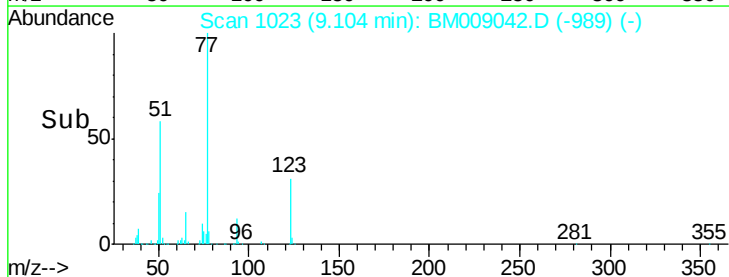
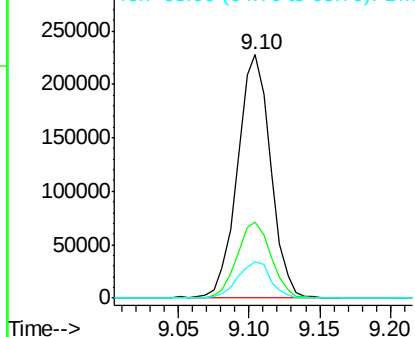


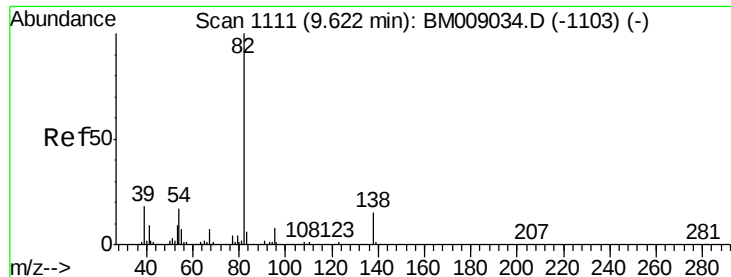
#20
Nitrobenzene
Concen: 20.09 ng/ul
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion: 77 Resp: 374421
Ion Ratio Lower Upper
77 100
123 31.4 20.8 31.2#
65 15.0 14.7 22.1



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

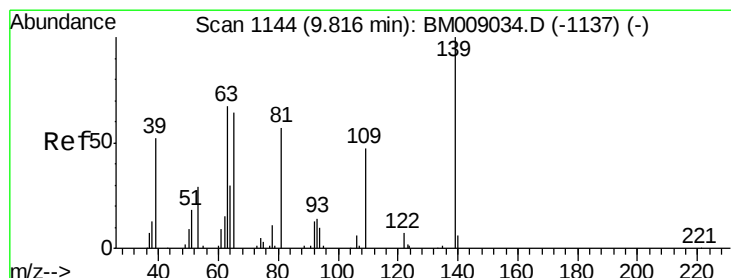
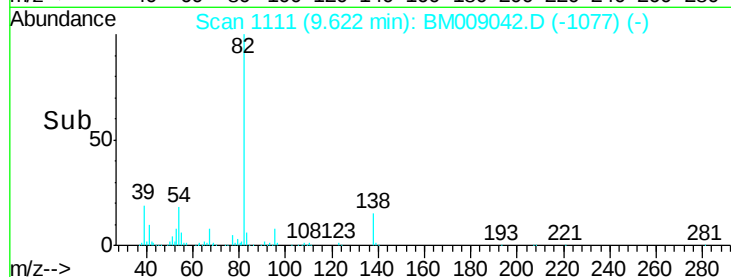
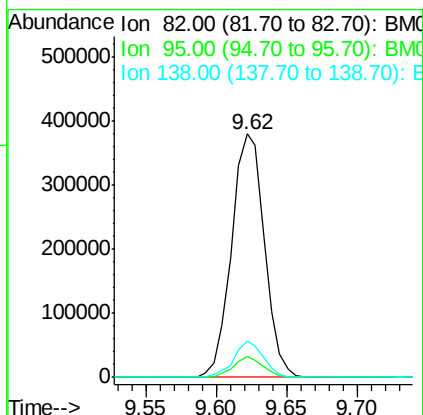
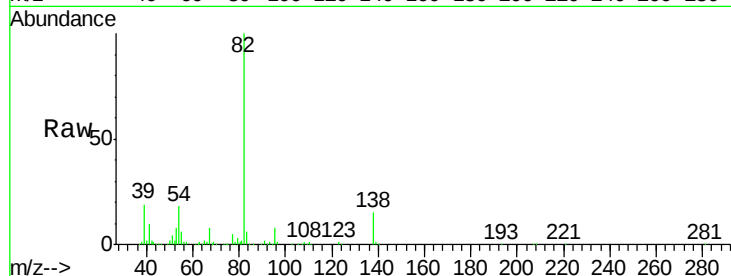




#21
Isophorone
Concen: 19.90 ng/ul
RT: 9.62 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

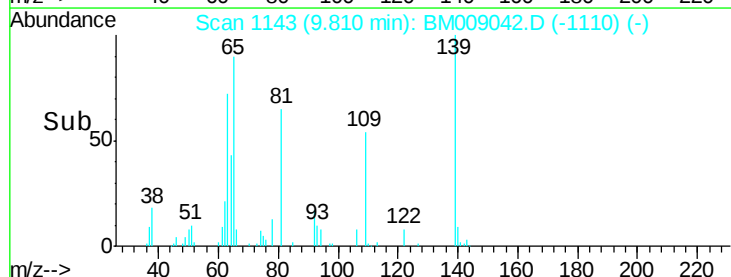
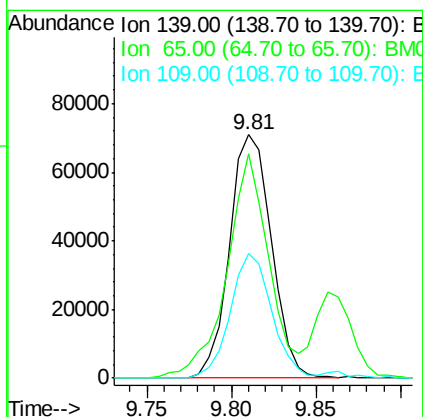
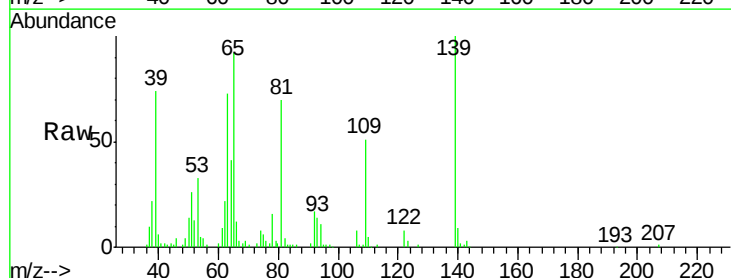
Instrument :
BNA_M
ClientSampleId :
SSTD02059

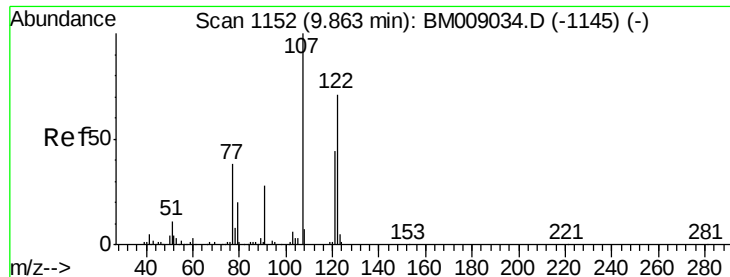
Tgt Ion: 82 Resp: 616816
Ion Ratio Lower Upper
82 100
95 8.4 7.7 11.5
138 14.6 9.4 14.0#



#23
2-Nitrophenol
Concen: 20.02 ng/ul
RT: 9.81 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion: 139 Resp: 122646
Ion Ratio Lower Upper
139 100
65 92.1 102.7 154.1#
109 51.0 71.1 106.7#

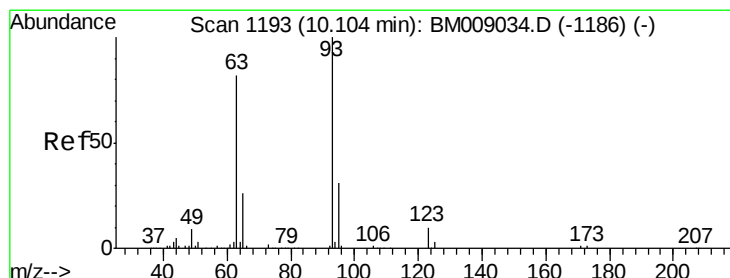
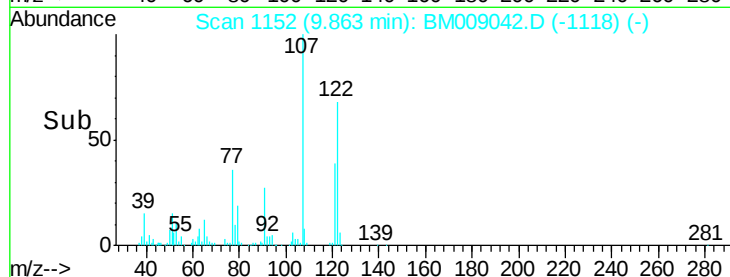
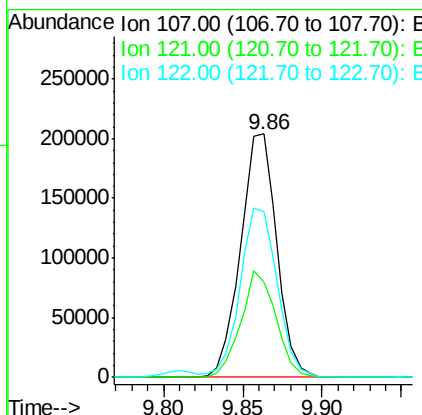
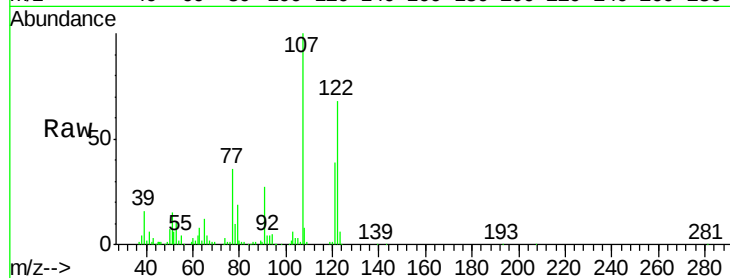




#24
 2,4-Dimethylphenol
 Concen: 20.46 ng/ul
 RT: 9.86 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

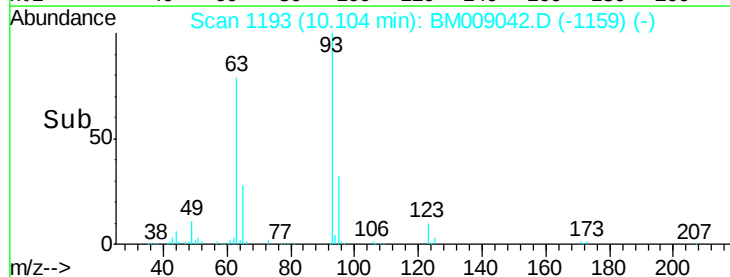
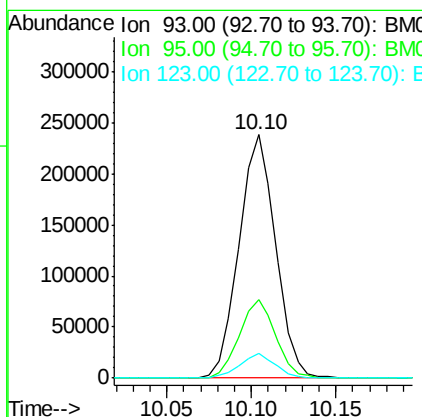
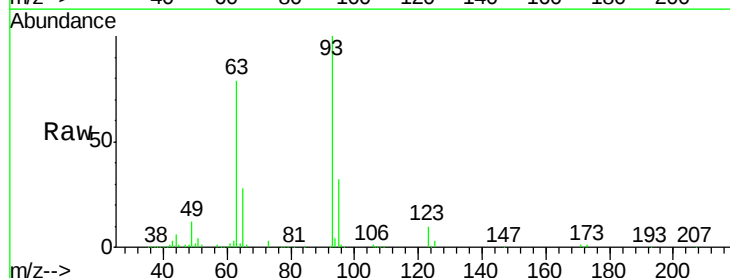
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

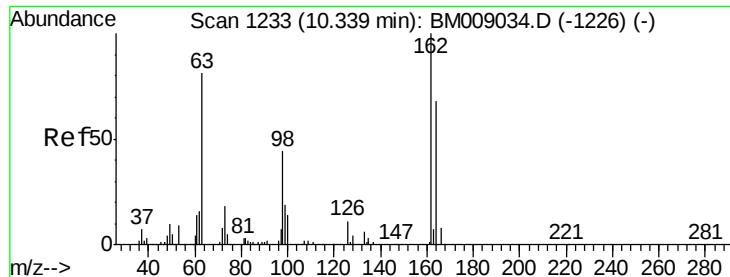
Tgt Ion: 107 Resp: 324071
 Ion Ratio Lower Upper
 107 100
 121 39.3 30.0 45.0
 122 67.9 50.2 75.4



#25
 Bis(2-Chloroethoxy)methane
 Concen: 20.14 ng/ul
 RT: 10.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion: 93 Resp: 359249
 Ion Ratio Lower Upper
 93 100
 95 32.1 27.0 40.6
 123 10.2 7.5 11.3

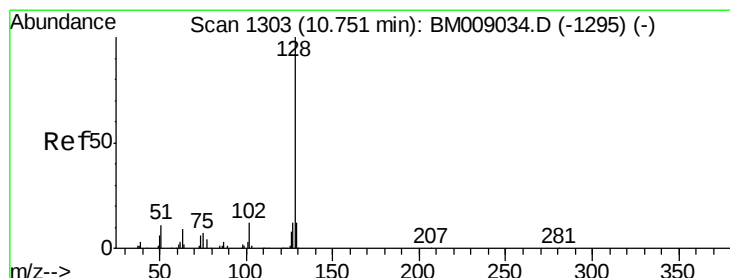
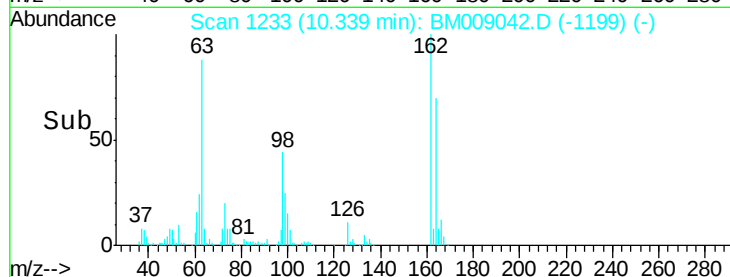
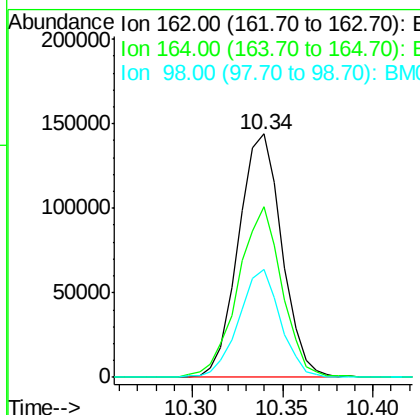
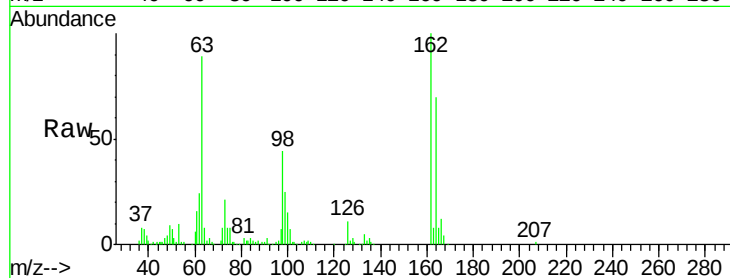




#27
 2,4-Dichlorophenol
 Concen: 20.53 ng/ul
 RT: 10.34 min Scan# 1233
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

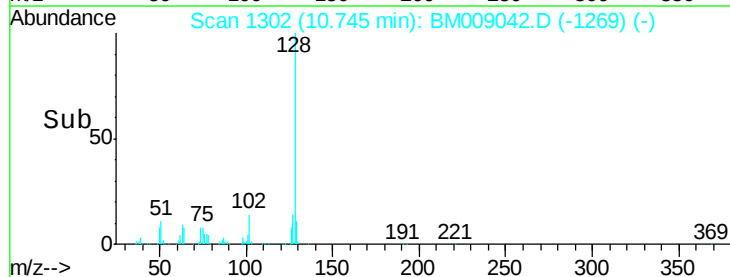
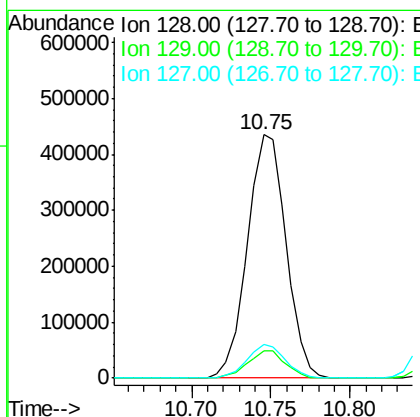
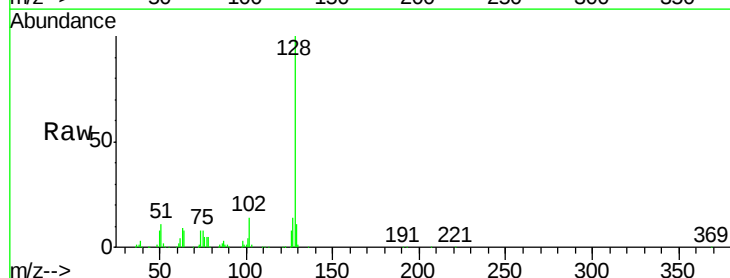
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

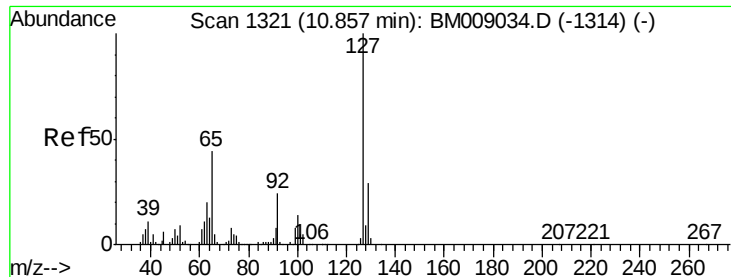
Tgt Ion	Ratio	Lower	Upper
162	100		
164	70.1	52.9	79.3
98	44.5	42.0	63.0



#28
 Naphthalene
 Concen: 20.00 ng/ul
 RT: 10.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.7	14.5
127	13.8	10.2	15.4

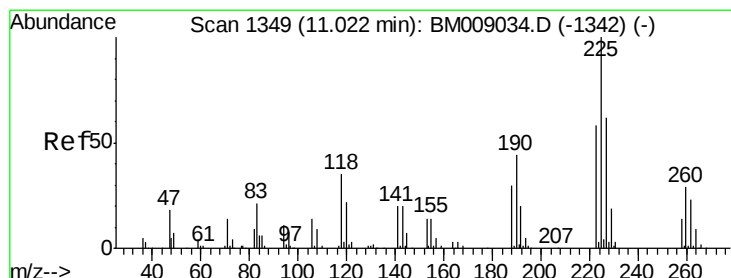
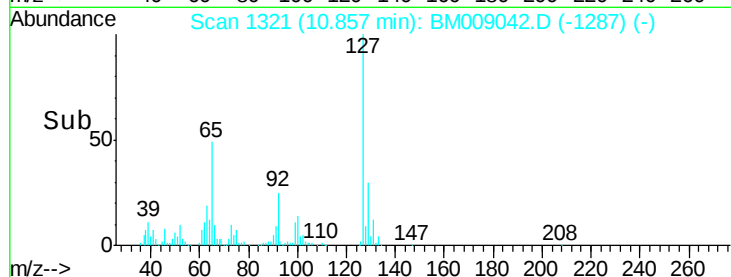
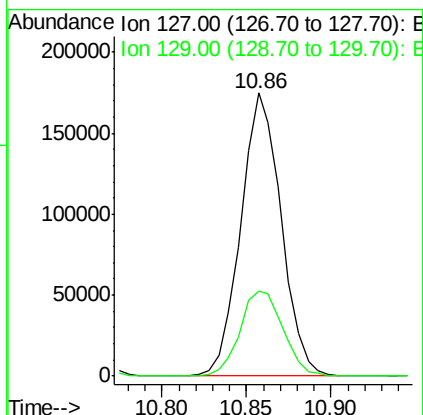
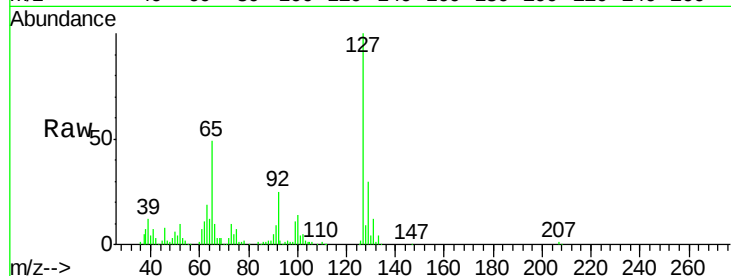




#30
4-Chloroaniline
Concen: 21.79 ng/ul
RT: 10.86 min Scan# 1321
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

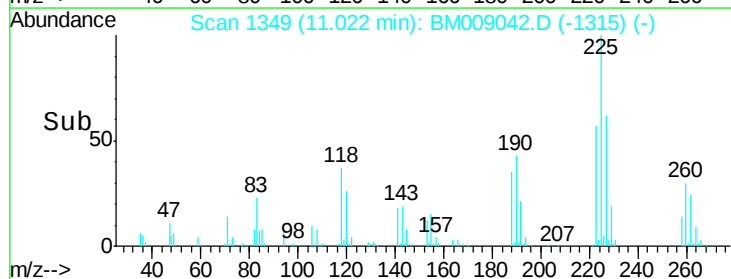
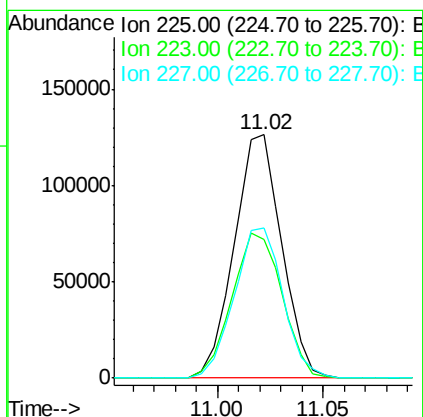
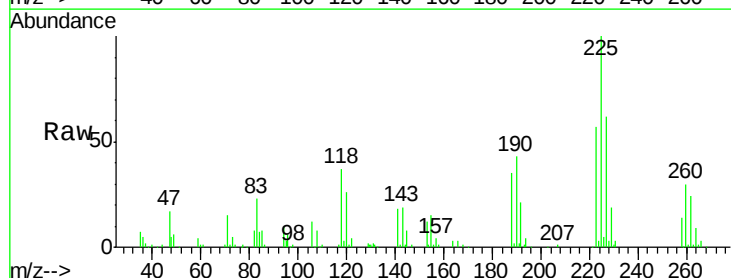
Instrument :
BNA_M
ClientSampleId :
SSTD02059

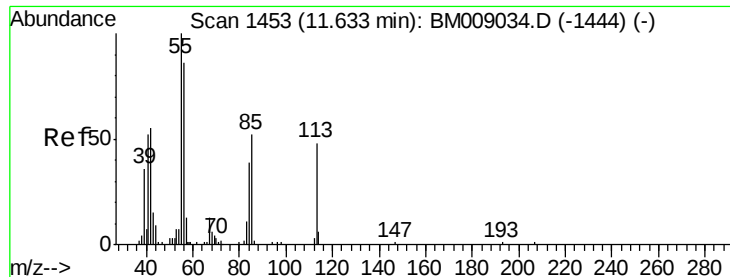
Tgt Ion:127 Resp: 290352
Ion Ratio Lower Upper
127 100
129 30.0 23.9 35.9



#31
Hexachlorobutadiene
Concen: 20.16 ng/ul
RT: 11.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion:225 Resp: 197200
Ion Ratio Lower Upper
225 100
223 56.8 50.4 75.6
227 61.7 51.0 76.4





#32

Caprolactam

Concen: 13.29 ng/ul

RT: 11.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

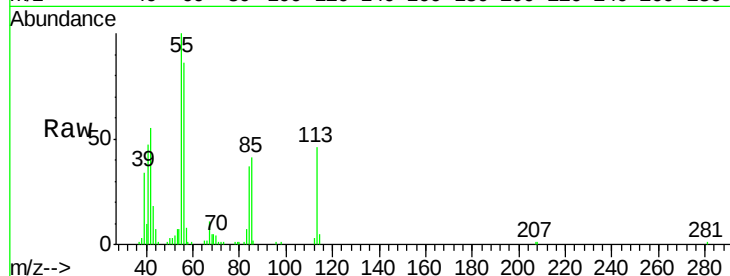
Tgt Ion:113 Resp: 46647

Ion Ratio Lower Upper

113 100

55 216.2 189.3 283.9

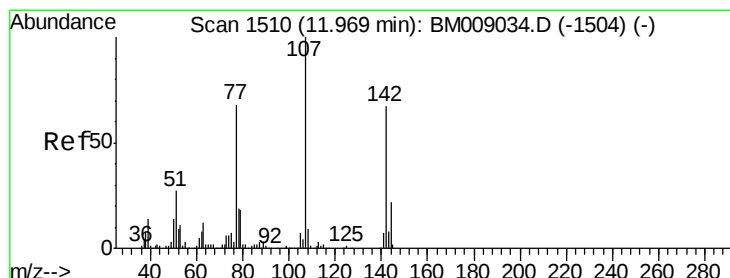
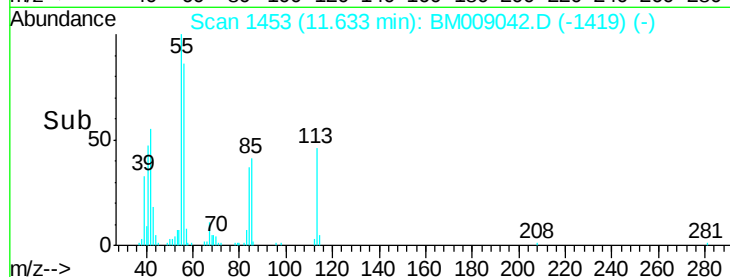
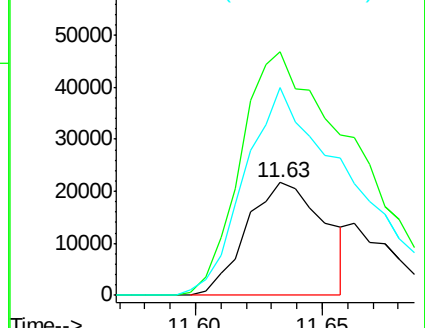
56 184.9 165.8 248.6



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: 20.53 ng/ul

RT: 11.97 min Scan# 1510

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

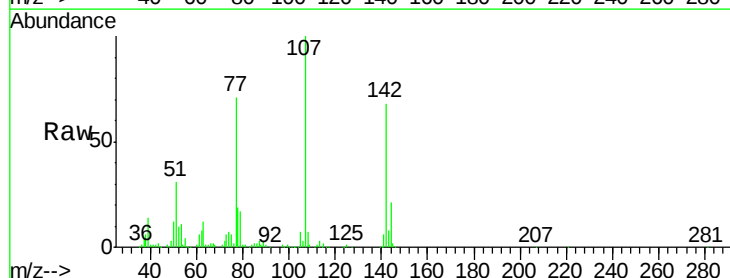
Tgt Ion:107 Resp: 281604

Ion Ratio Lower Upper

107 100

144 20.9 14.4 21.6

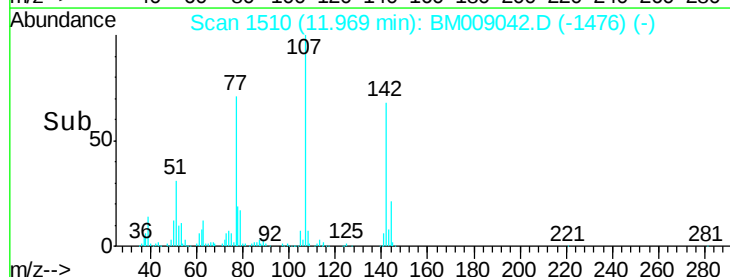
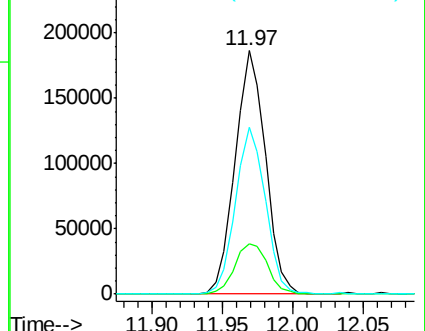
142 68.5 50.7 76.1

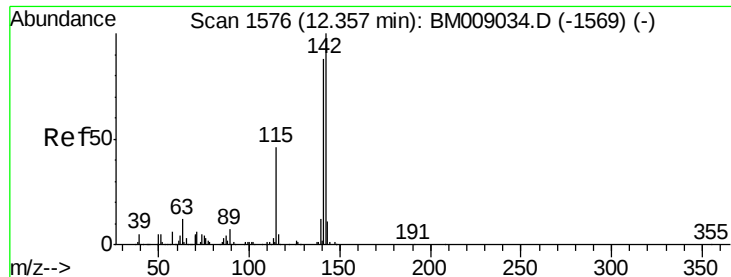


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

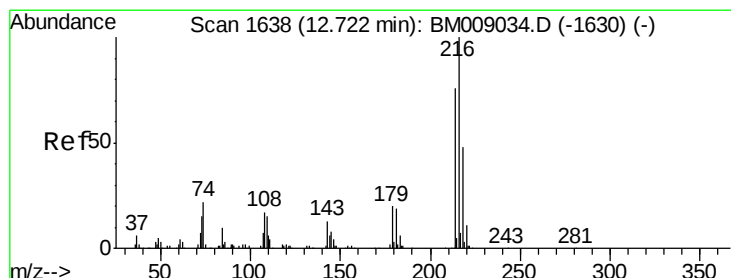
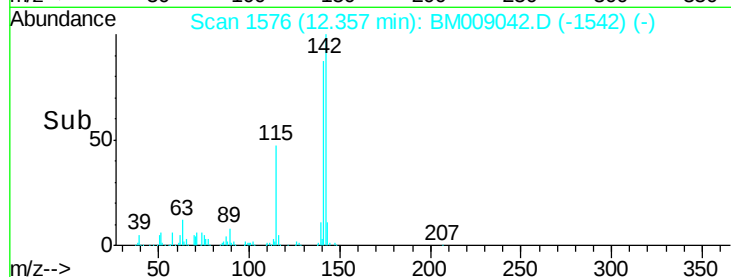
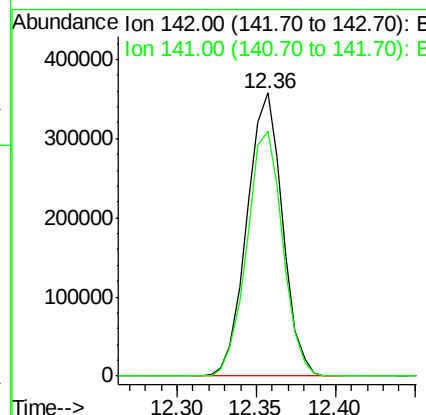
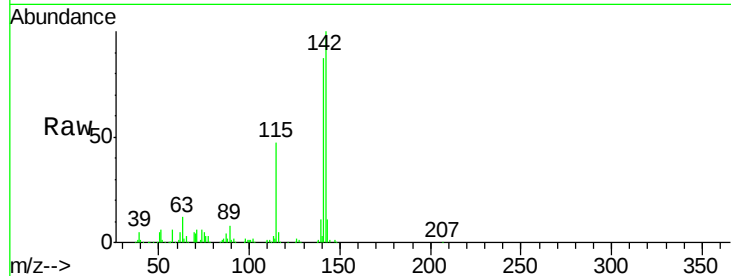




#34
 2-Methylnaphthalene
 Concen: 20.18 ng/ul
 RT: 12.36 min Scan# 1576
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

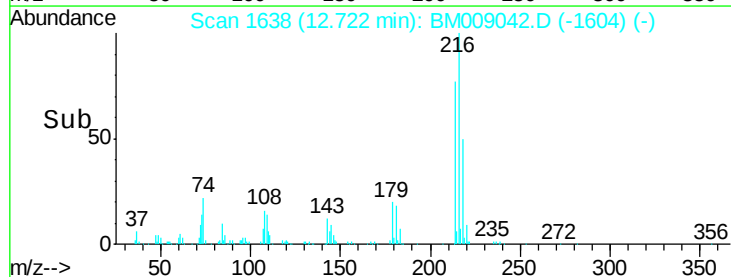
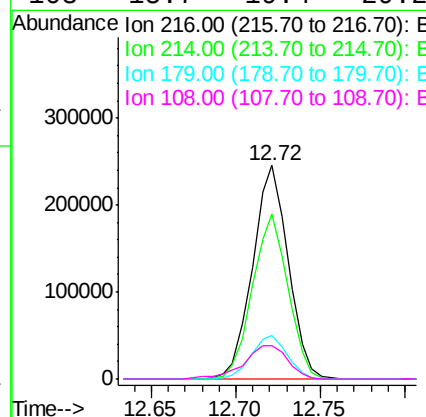
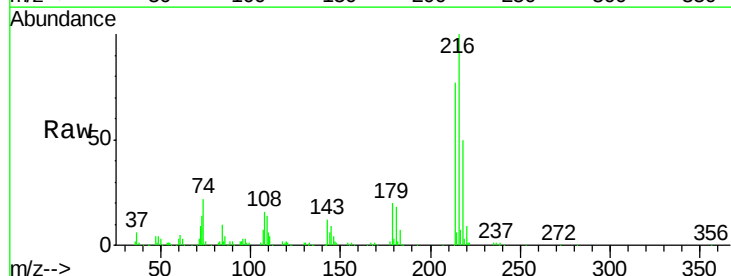
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

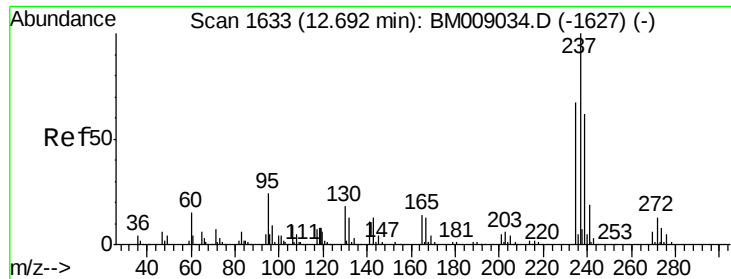
Tgt Ion:142 Resp: 556763
 Ion Ratio Lower Upper
 142 100
 141 86.5 72.6 109.0



#36
 1,2,4,5-Tetrachlorobenzene
 Concen: 20.68 ng/ul
 RT: 12.72 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion:216 Resp: 360689
 Ion Ratio Lower Upper
 216 100
 214 77.5 61.1 91.7
 179 20.3 17.7 26.5
 108 15.7 19.4 29.2#

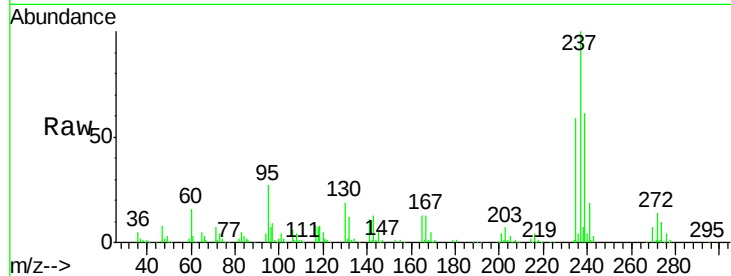




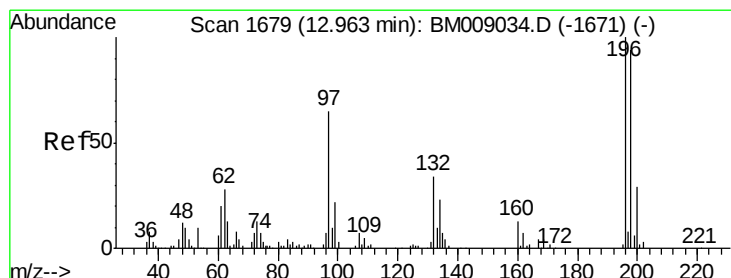
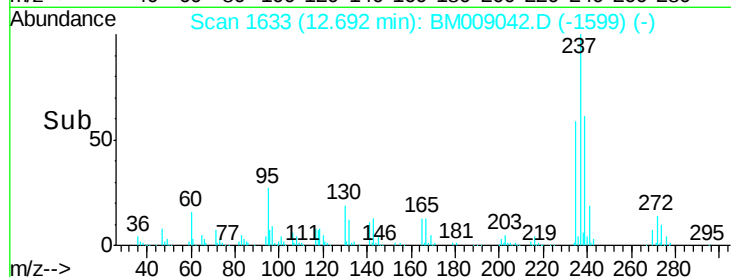
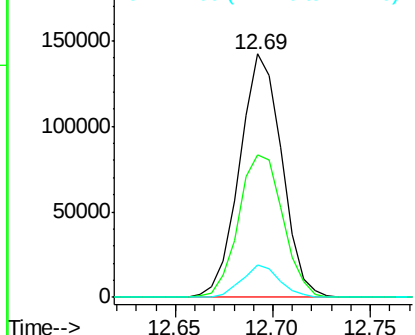
#37
Hexachlorocyclopentadiene
Concen: 18.94 ng/ul
RT: 12.69 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Instrument :
BNA_M
ClientSampleId :
SSTD02059

Tgt Ion:237 Resp: 212852
Ion Ratio Lower Upper
237 100
235 58.7 49.0 73.6
272 13.5 9.8 14.6

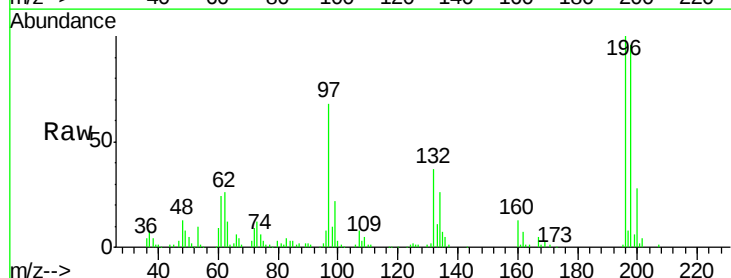


Abundance Ion 237.00 (236.70 to 237.70): E
Ion 235.00 (234.70 to 235.70): E
Ion 272.00 (271.70 to 272.70): E

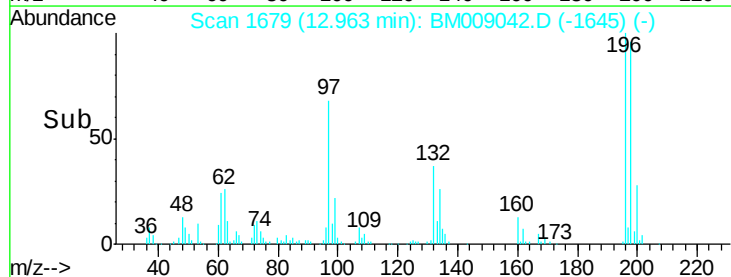
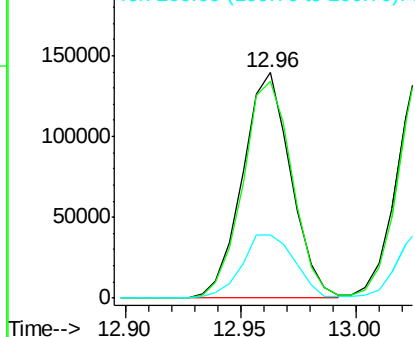


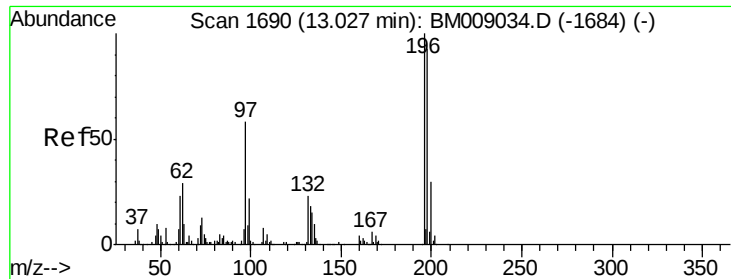
#38
2,4,6-Trichlorophenol
Concen: 20.46 ng/ul
RT: 12.96 min Scan# 1679
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion:196 Resp: 203649
Ion Ratio Lower Upper
196 100
198 96.0 70.2 105.2
200 28.2 23.8 35.6



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

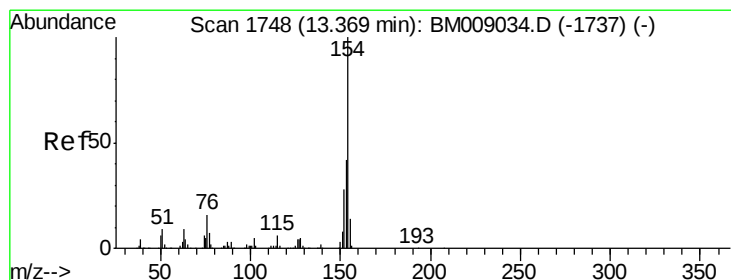
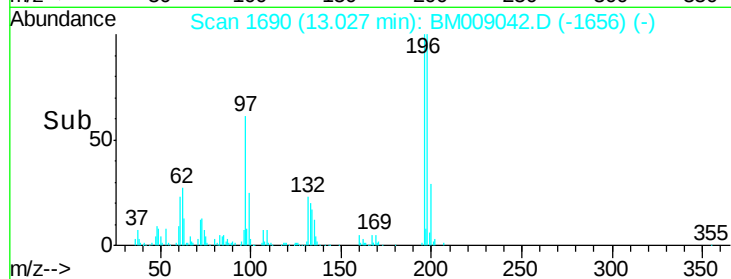
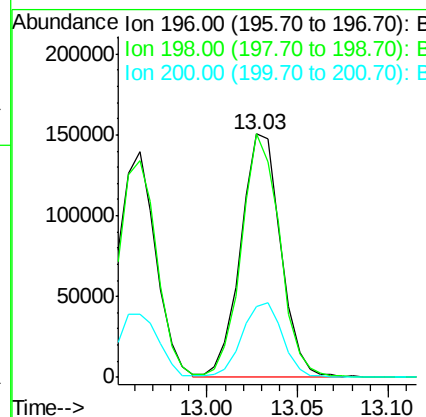
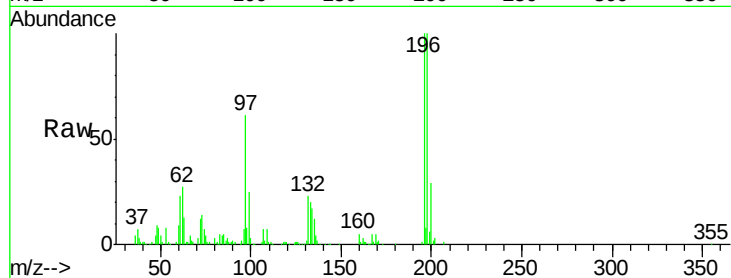




#39
 2,4,5-Trichlorophenol
 Concen: 21.22 ng/ul
 RT: 13.03 min Scan# 1690
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

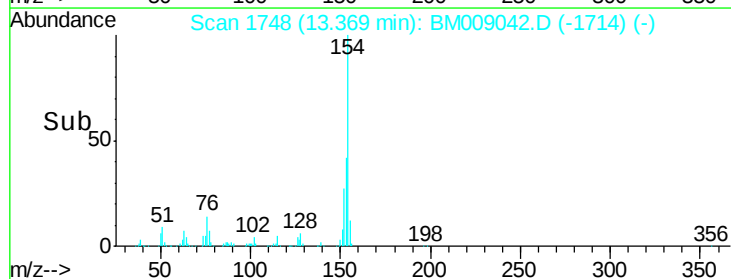
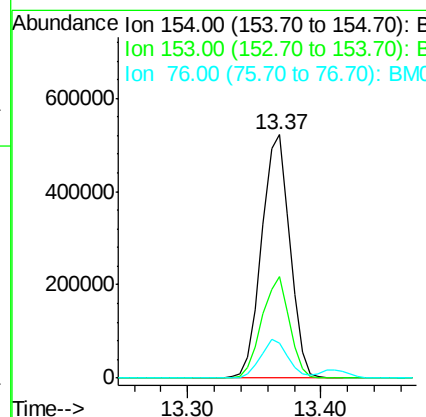
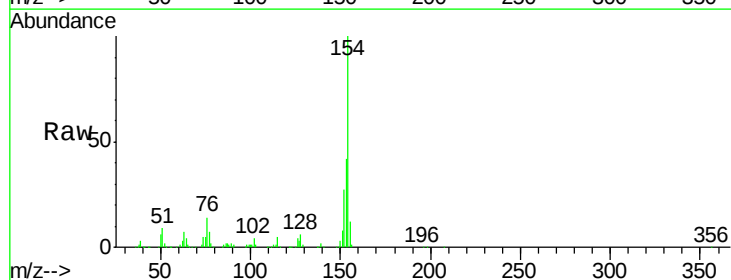
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

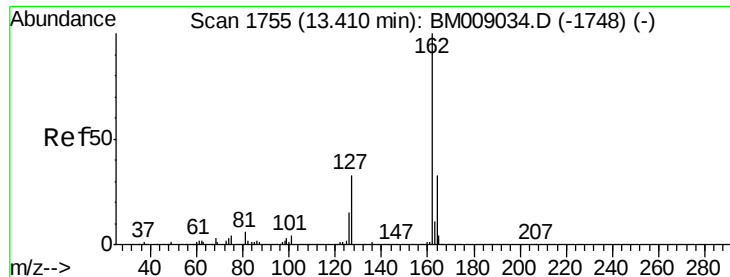
Tgt Ion	Ratio	Lower	Upper
196	100		
198	99.9	72.2	108.4
200	28.9	22.5	33.7



#40
 1,1'-Biphenyl
 Concen: 20.56 ng/ul
 RT: 13.37 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	35.7	53.5
76	14.4	12.4	18.6

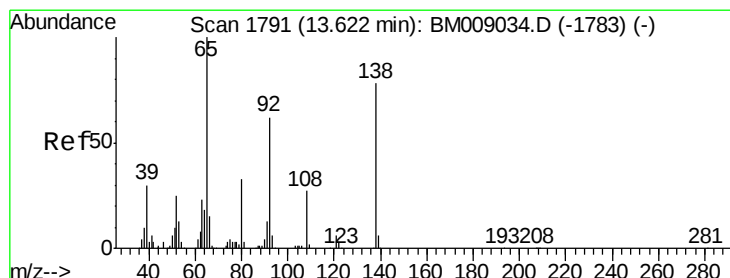
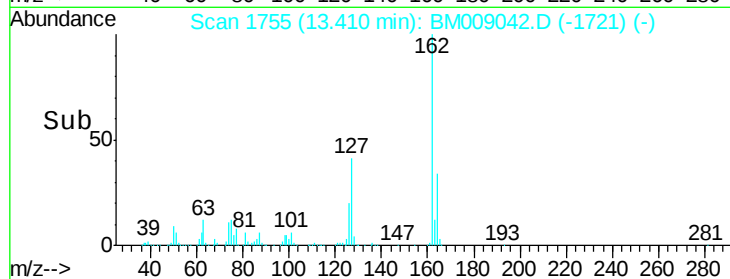
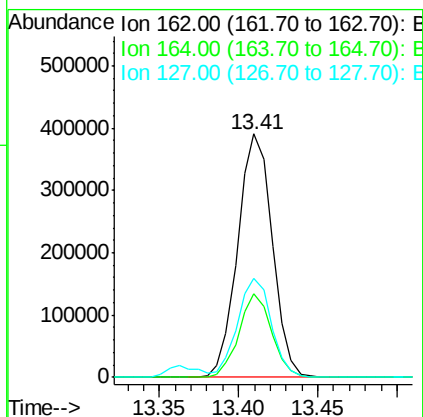
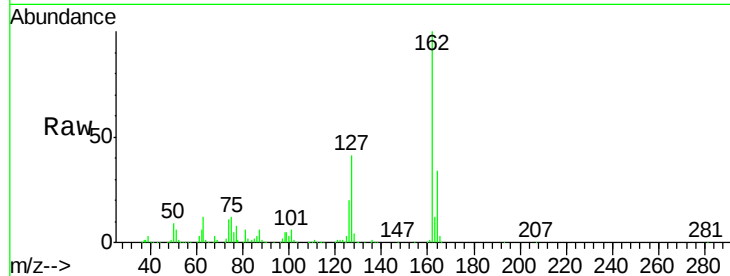




#41
 2-Chloronaphthalene
 Concen: 20.49 ng/ul
 RT: 13.41 min Scan# 1755
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

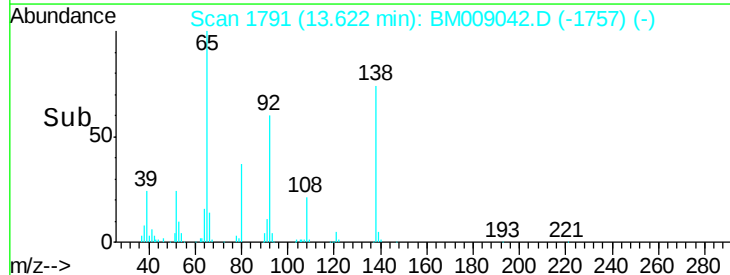
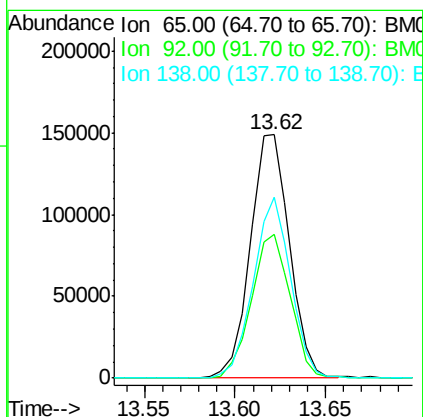
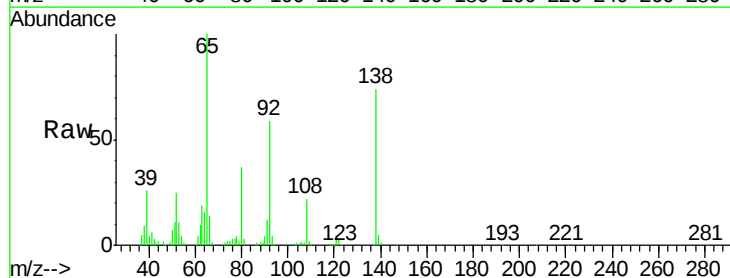
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

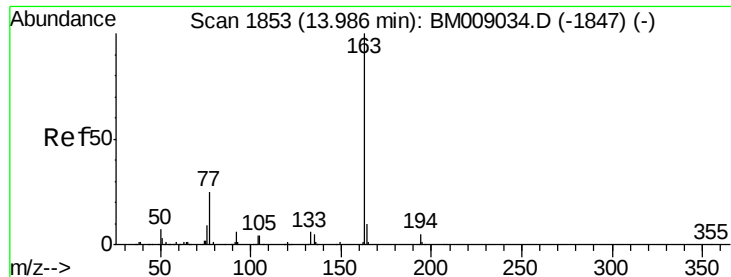
Tgt Ion: 162 Resp: 590437
 Ion Ratio Lower Upper
 162 100
 164 34.2 25.0 37.4
 127 40.8 33.7 50.5



#42
 2-Nitroaniline
 Concen: 20.33 ng/ul
 RT: 13.62 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion: 65 Resp: 223246
 Ion Ratio Lower Upper
 65 100
 92 59.2 41.6 62.4
 138 74.3 40.9 61.3#

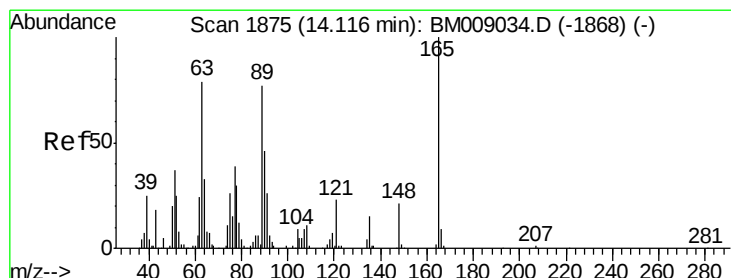
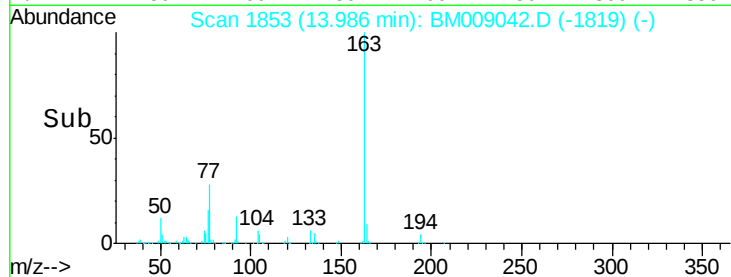
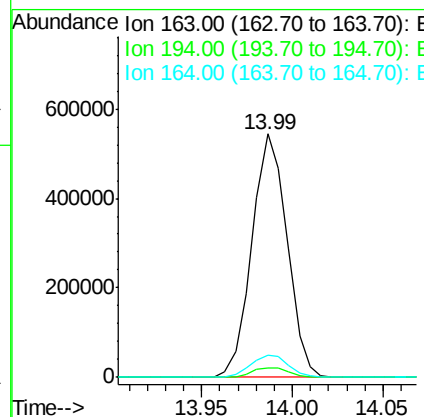
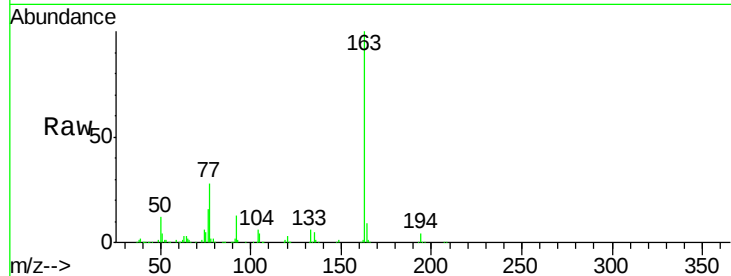




#44
 Dimethylphthalate
 Concen: 20.35 ng/ul
 RT: 13.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

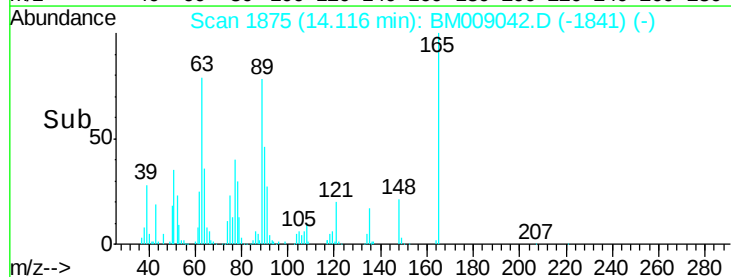
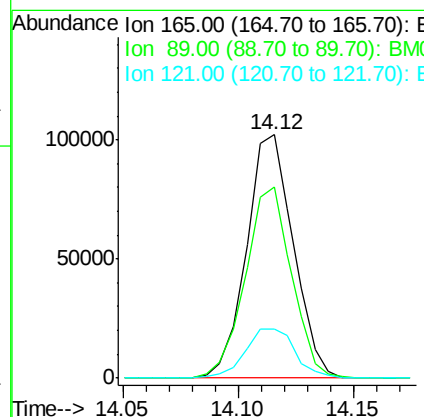
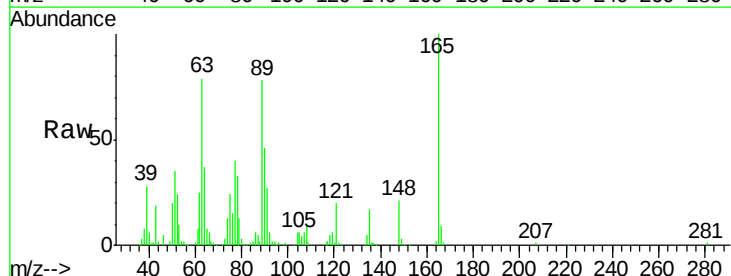
Instrument :
 BNA_M
 ClientSampleId :
 SST02059

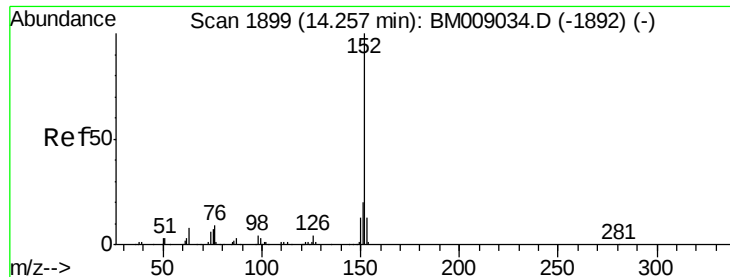
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	9.1	8.6	12.8



#45
 2,6-Dinitrotoluene
 Concen: 20.96 ng/ul
 RT: 14.12 min Scan# 1875
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion	Ratio	Lower	Upper
165	100		
89	78.3	89.4	134.0#
121	20.3	21.6	32.4#





#47

Acenaphthylene

Concen: 20.80 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

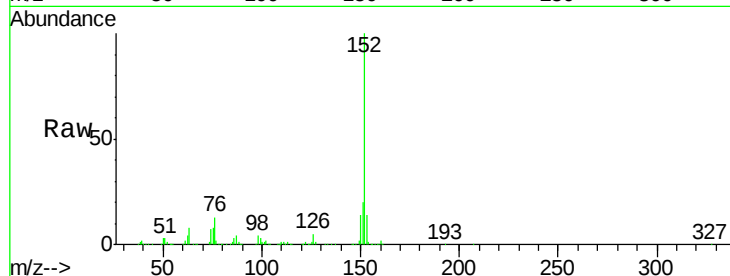
Tgt Ion:152 Resp: 903462

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

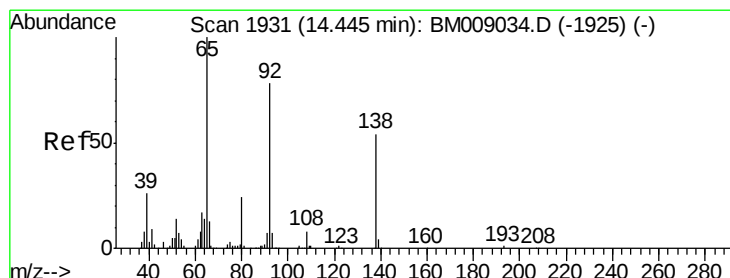
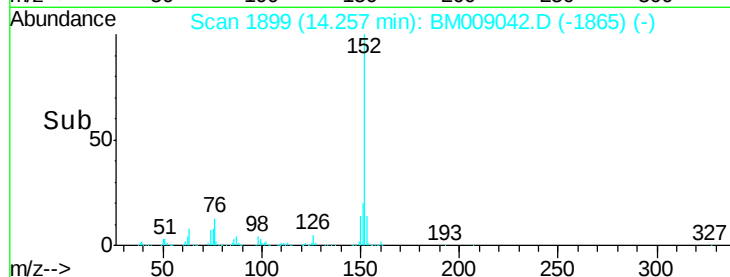
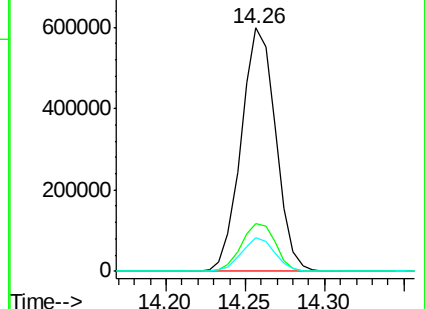
153 13.7 10.5 15.7



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: 21.30 ng/ul

RT: 14.44 min Scan# 1931

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

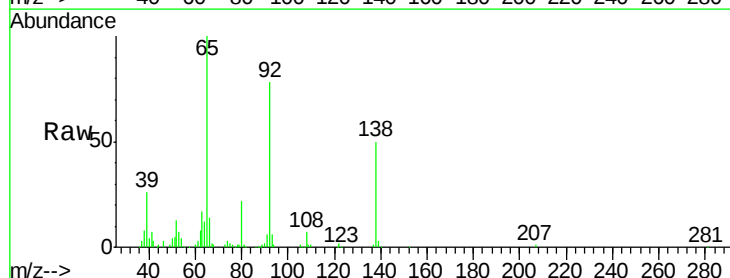
Tgt Ion:138 Resp: 143906

Ion Ratio Lower Upper

138 100

108 14.7 13.9 20.9

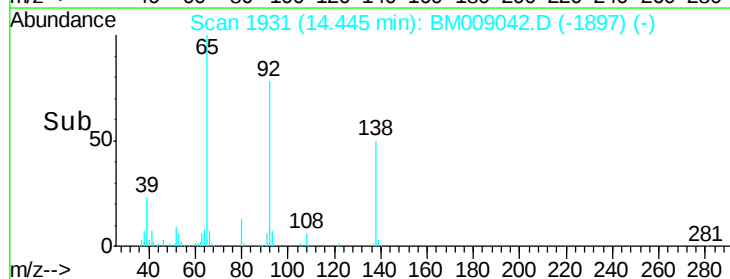
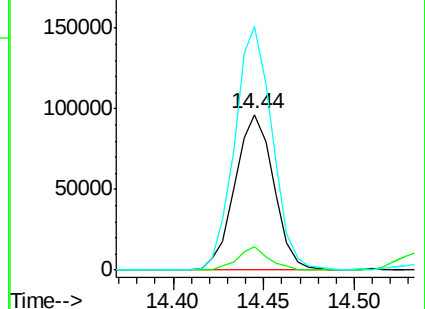
92 156.7 137.8 206.8

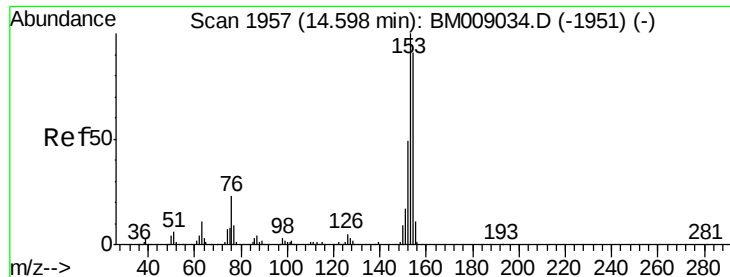


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.98 ng/ul

RT: 14.60 min Scan# 1957

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

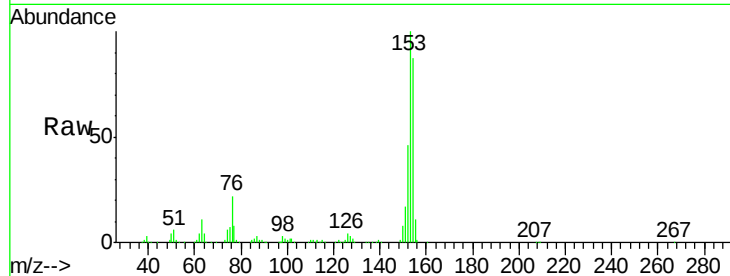
Tgt Ion:153 Resp: 651012

Ion Ratio Lower Upper

153 100

152 45.5 36.7 55.1

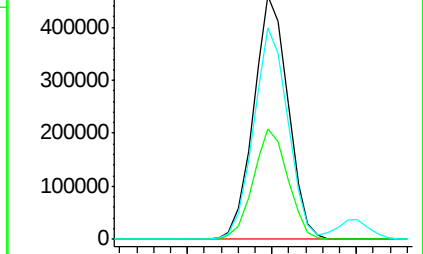
154 87.2 68.3 102.5



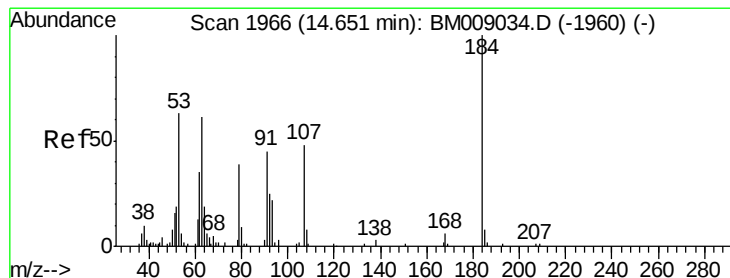
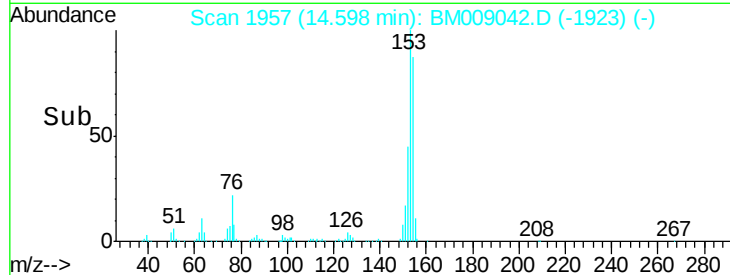
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



Time-->



#50

2,4-Dinitrophenol

Concen: 15.68 ng/ul

RT: 14.64 min Scan# 1965

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

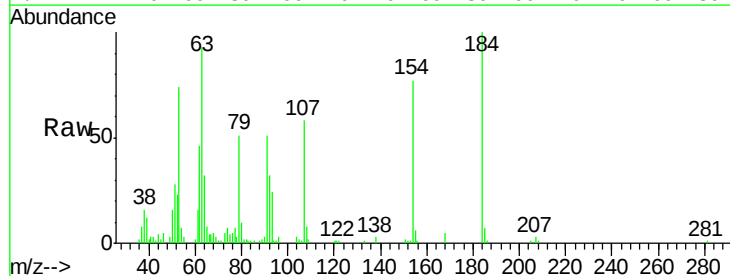
Tgt Ion:184 Resp: 69942

Ion Ratio Lower Upper

184 100

63 92.8 99.6 149.4#

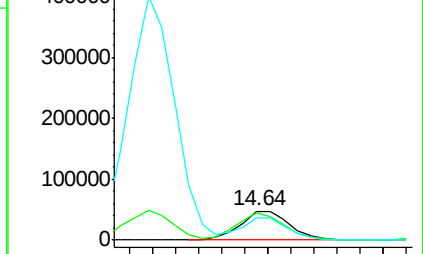
154 76.8 76.5 114.7



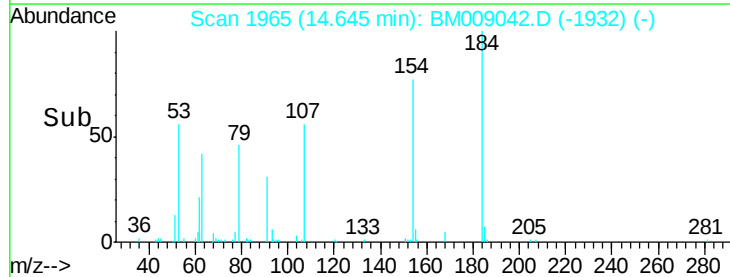
Abundance Ion 184.00 (183.70 to 184.70): E

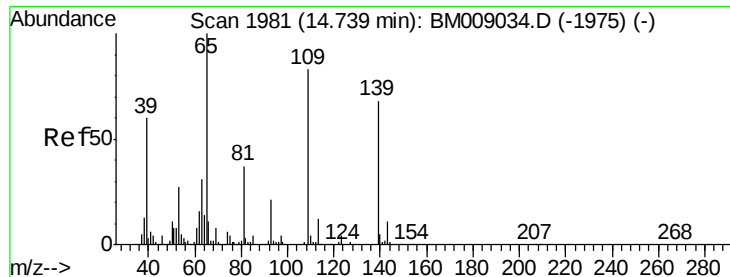
Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



Time-->





#52

4-Nitrophenol

Concen: 20.00 ng/ul

RT: 14.74 min Scan# 1981

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

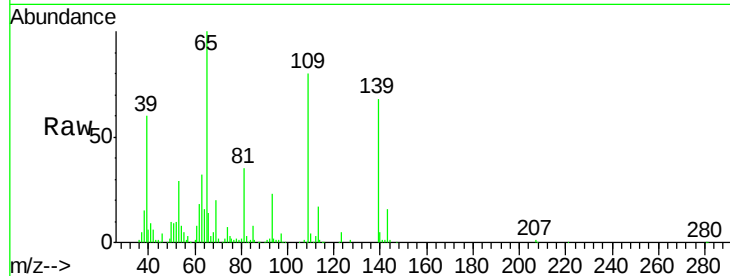
Tgt Ion:109 Resp: 161530

Ion Ratio Lower Upper

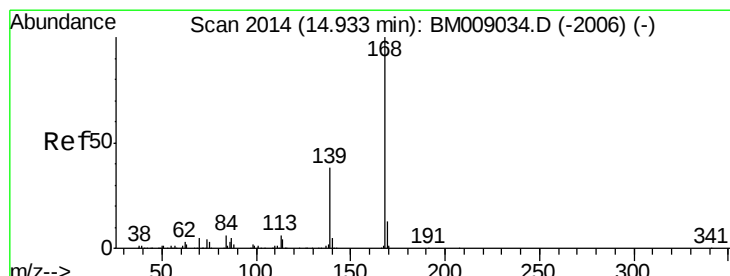
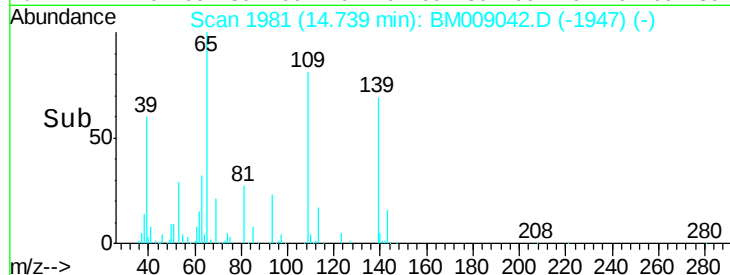
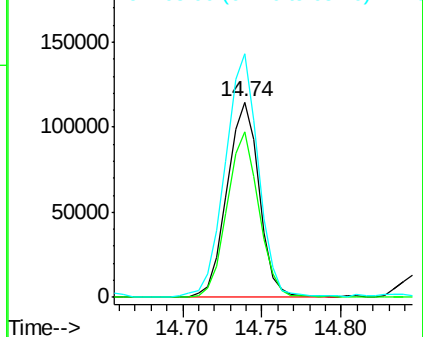
109 100

139 85.0 33.9 50.9#

65 124.6 92.2 138.2



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: 20.74 ng/ul

RT: 14.93 min Scan# 2014

Delta R.T. -0.00 min

Lab File: BM009042.D

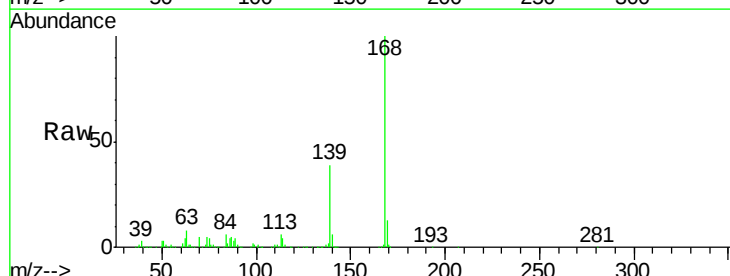
Acq: 27 Feb 2017 22:57

Tgt Ion:168 Resp: 942869

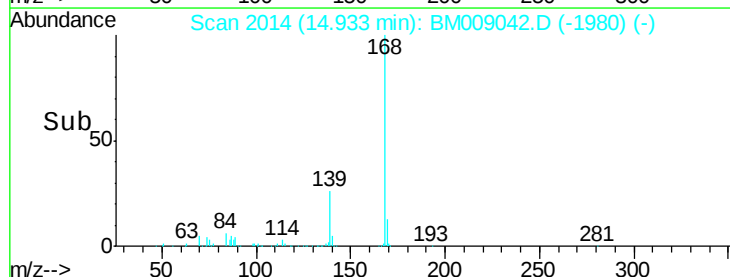
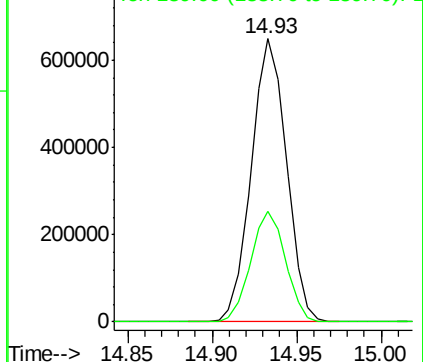
Ion Ratio Lower Upper

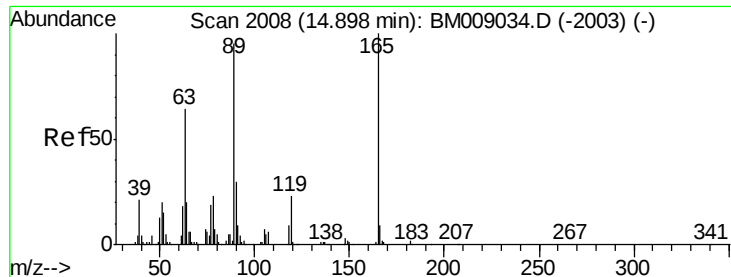
168 100

139 39.0 35.6 53.4



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.73 ng/ul

RT: 14.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

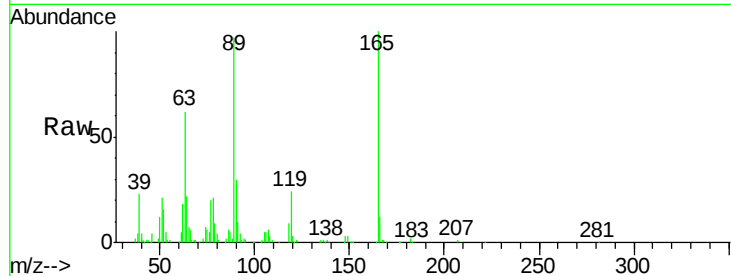
Tgt Ion:165 Resp: 210789

Ion Ratio Lower Upper

165 100

63 62.1 75.7 113.5#

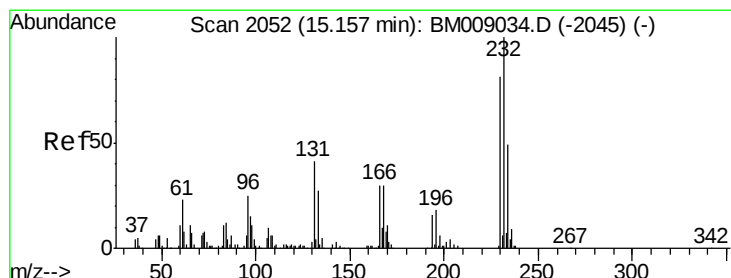
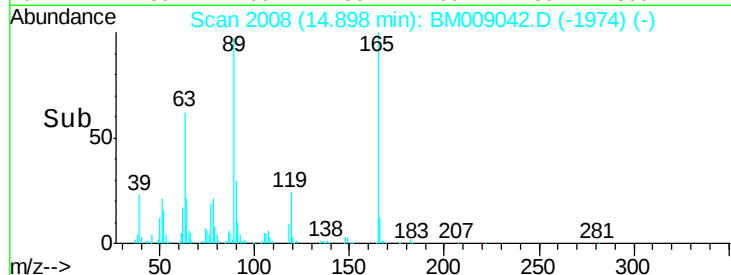
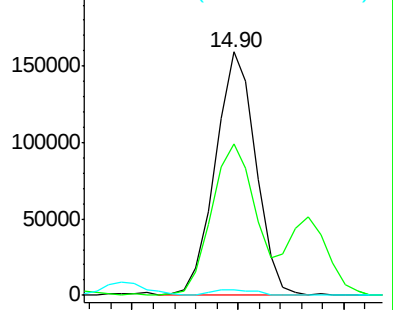
182 2.3 1.7 2.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.61 ng/ul

RT: 15.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Tgt Ion:232 Resp: 206991

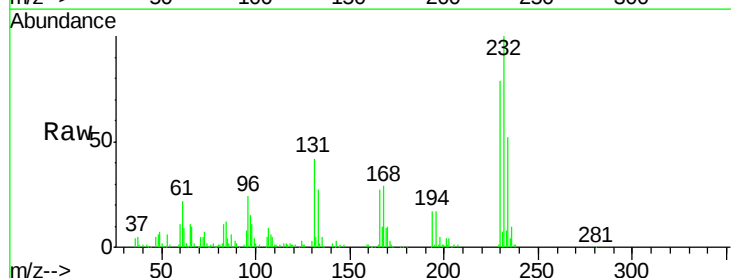
Ion Ratio Lower Upper

232 100

131 41.6 39.0 58.4

130 3.1 2.8 4.2

166 27.4 24.6 36.8

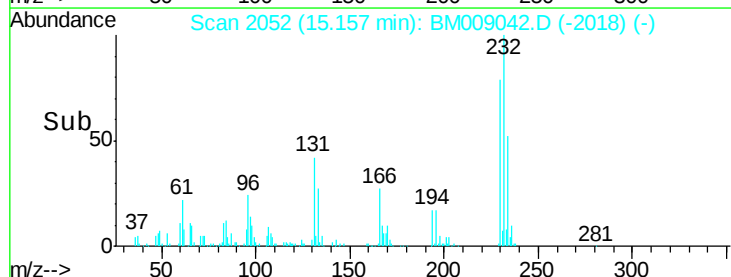
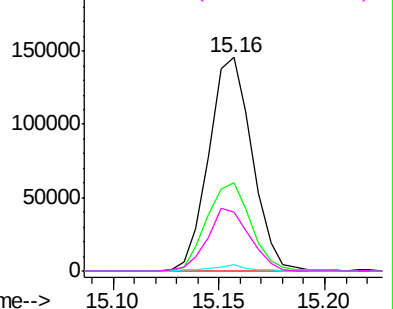


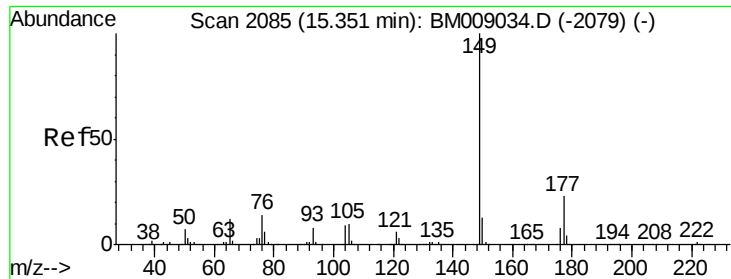
Abundance Ion 232.00 (231.70 to 232.70): E

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: 20.46 ng/ul

RT: 15.35 min Scan# 2085

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

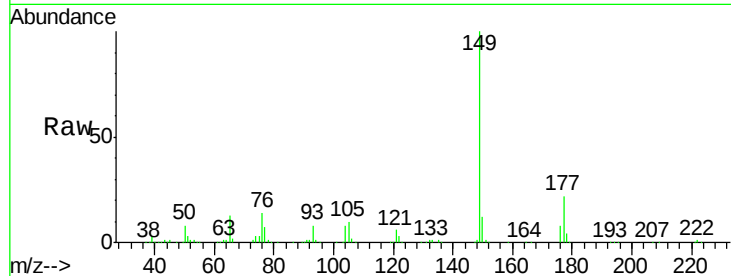
Tgt Ion:149 Resp: 756865

Ion Ratio Lower Upper

149 100

177 21.7 17.3 25.9

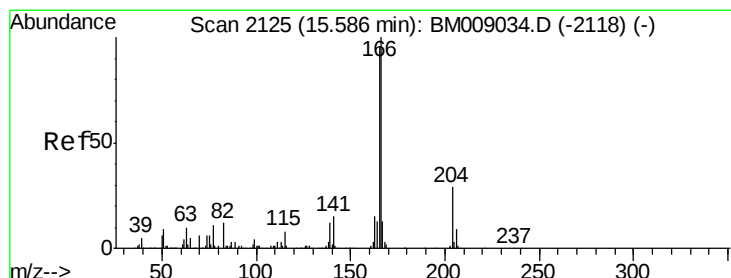
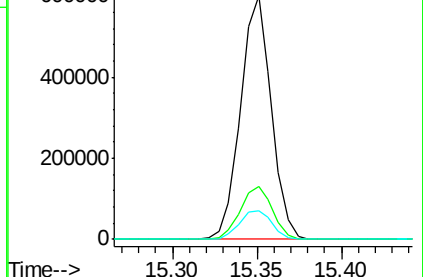
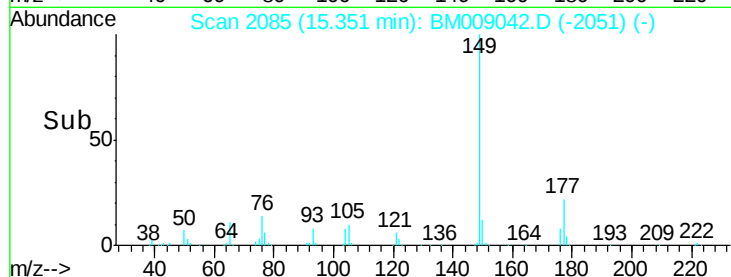
150 11.5 11.0 16.6



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: 20.96 ng/ul

RT: 15.58 min Scan# 2124

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

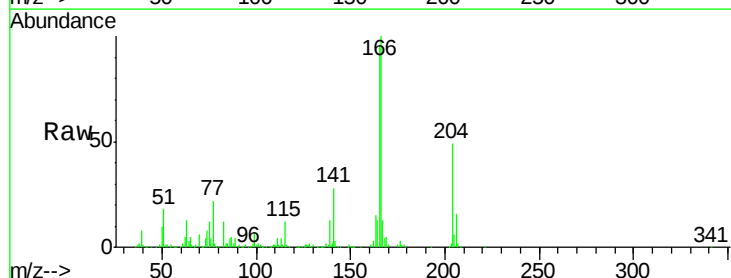
Tgt Ion:166 Resp: 793308

Ion Ratio Lower Upper

166 100

165 96.3 81.0 121.6

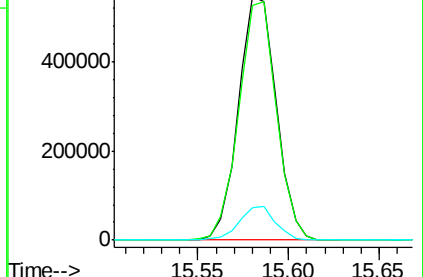
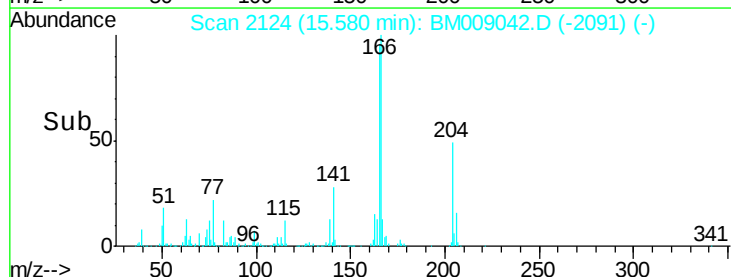
167 13.1 10.5 15.7

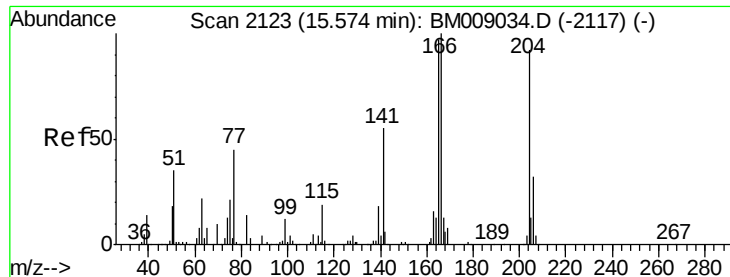


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

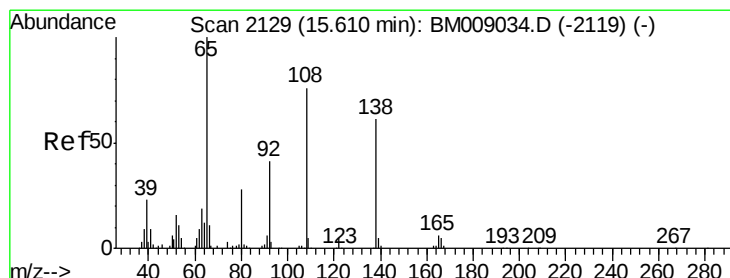
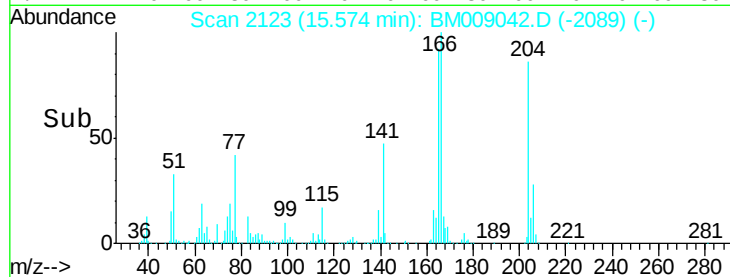
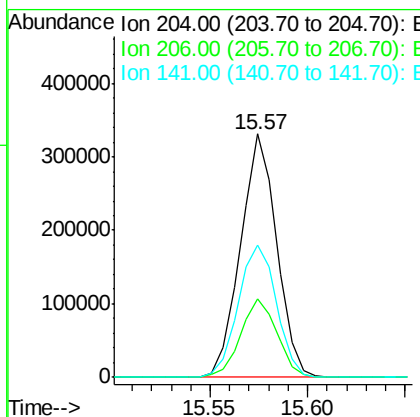
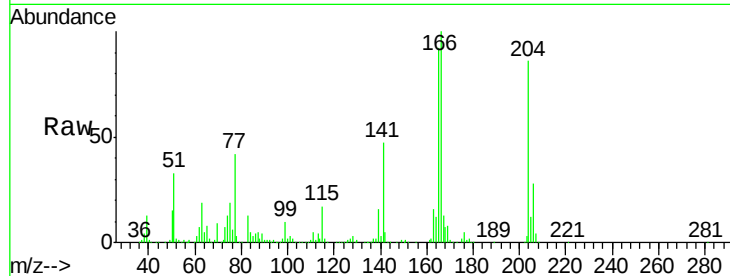




#59
 4-Chlorophenyl-phenylether
 Concen: 20.78 ng/ul
 RT: 15.57 min Scan# 2123
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

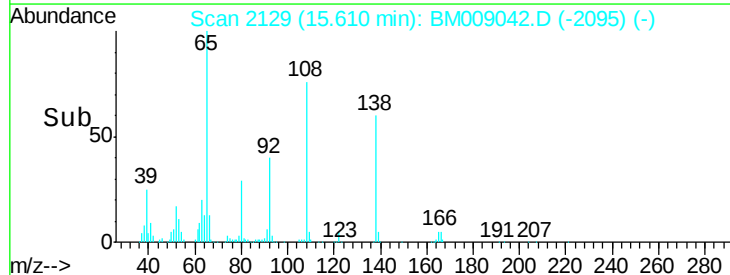
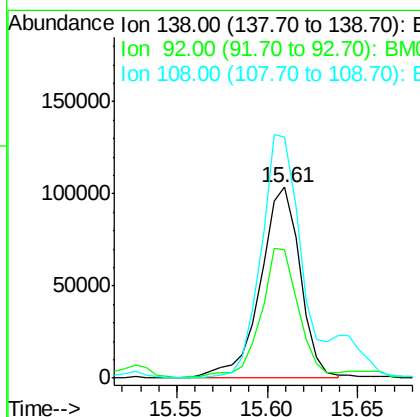
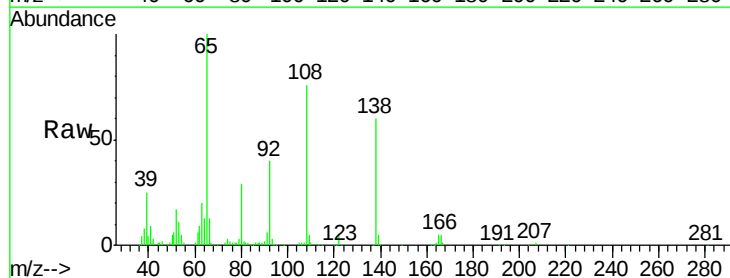
Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

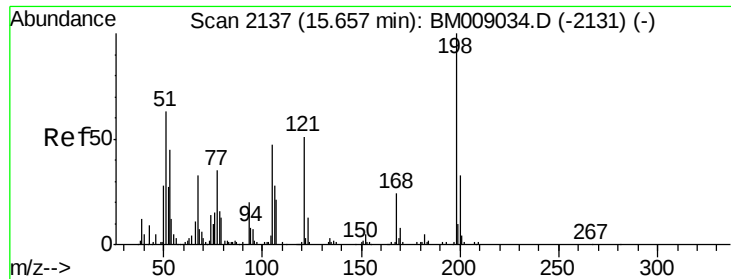
Tgt Ion:204 Resp: 425543
 Ion Ratio Lower Upper
 204 100
 206 32.4 22.6 34.0
 141 54.3 48.3 72.5



#60
 4-Nitroaniline
 Concen: 21.07 ng/ul
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion:138 Resp: 158447
 Ion Ratio Lower Upper
 138 100
 92 67.2 79.3 118.9#
 108 125.9 207.0 310.4#

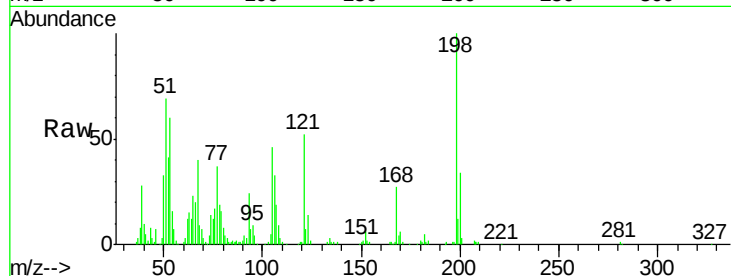




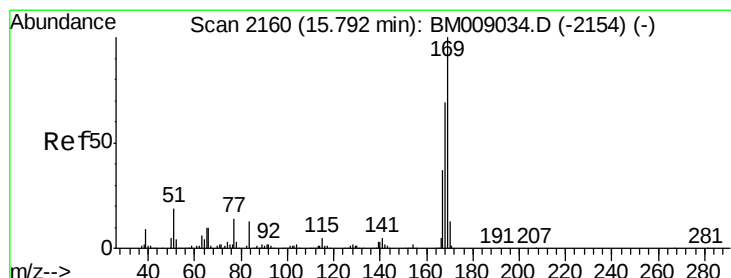
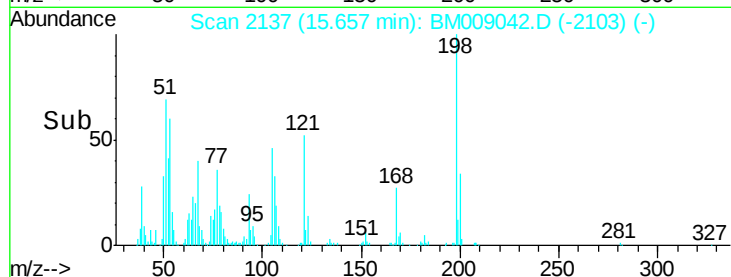
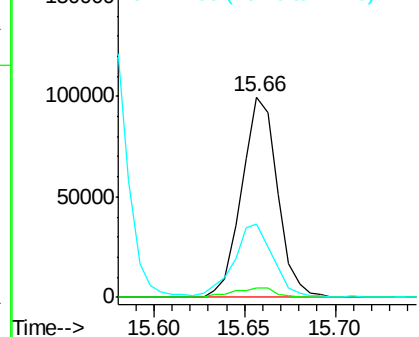
#63
 4,6-Dinitro-2-methylphenol
 Concen: 19.09 ng/ul
 RT: 15.66 min Scan# 2137
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Tgt Ion:198 Resp: 137317
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.0 4.4#
 77 36.5 37.6 56.4#

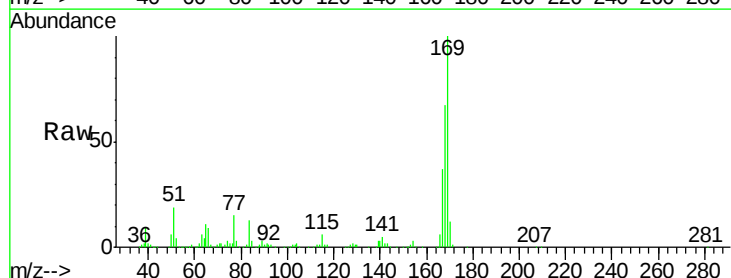


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): BMC

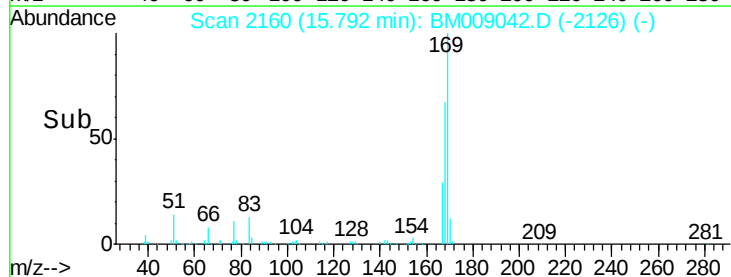
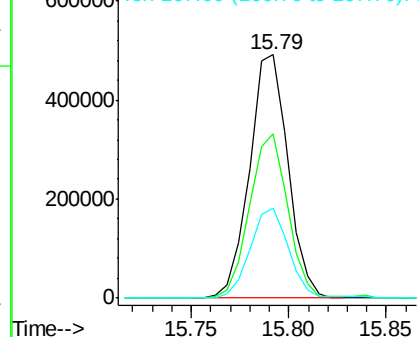


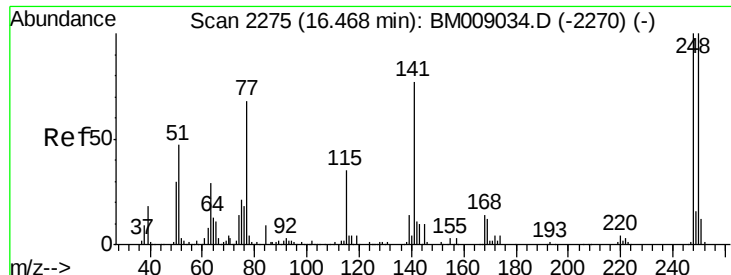
#64
 N-Nitrosodiphenylamine
 Concen: 20.23 ng/ul
 RT: 15.79 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion:169 Resp: 672108
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.4 80.2
 167 37.2 30.2 45.2



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

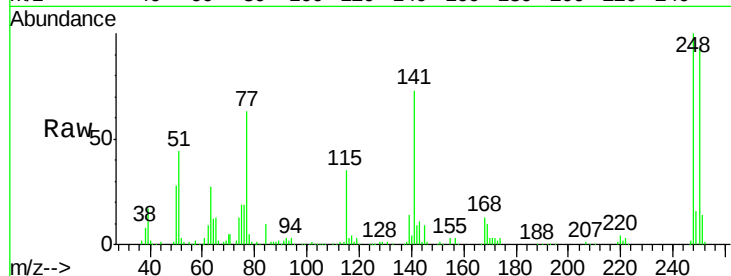




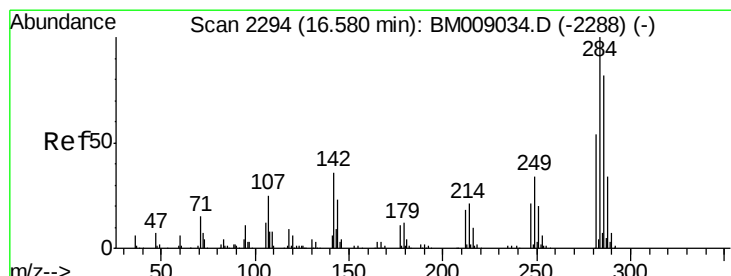
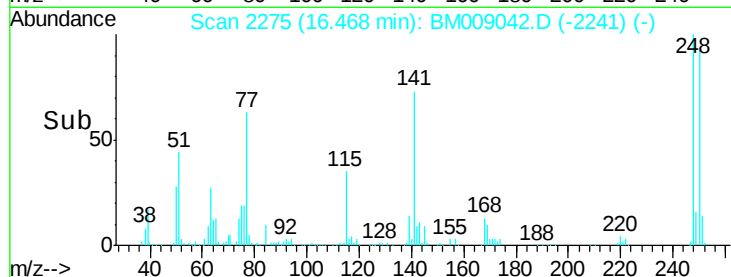
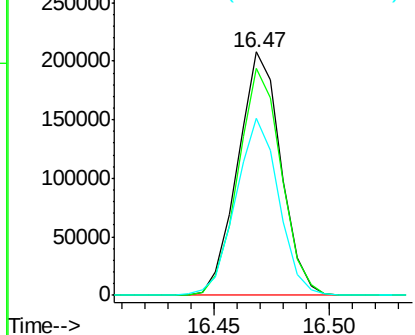
#65
 4-Bromophenyl-phenylether
 Concen: 20.85 ng/ul
 RT: 16.47 min Scan# 2275
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02059

Tgt Ion:248 Resp: 270633
 Ion Ratio Lower Upper
 248 100
 250 93.1 74.4 111.6
 141 72.8 70.4 105.6

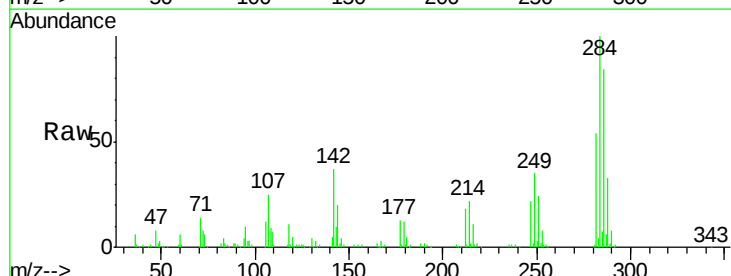


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

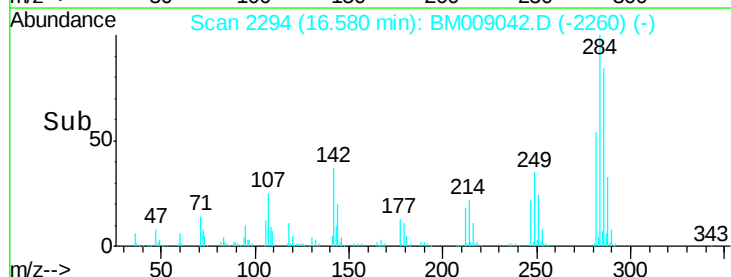
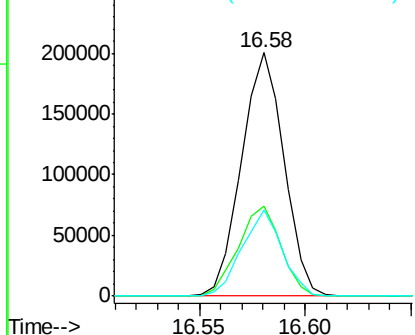


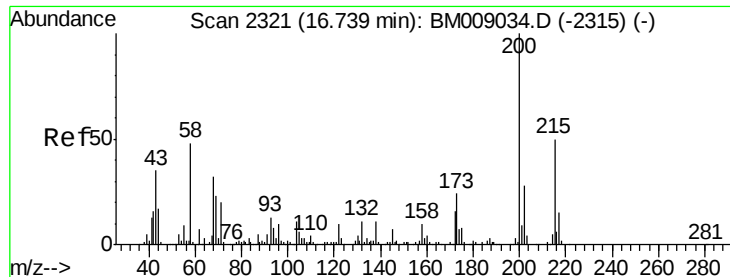
#66
 Hexachlorobenzene
 Concen: 19.69 ng/ul
 RT: 16.58 min Scan# 2294
 Delta R.T. -0.00 min
 Lab File: BM009042.D
 Acq: 27 Feb 2017 22:57

Tgt Ion:284 Resp: 280233
 Ion Ratio Lower Upper
 284 100
 142 37.0 31.6 47.4
 249 35.3 29.0 43.6



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

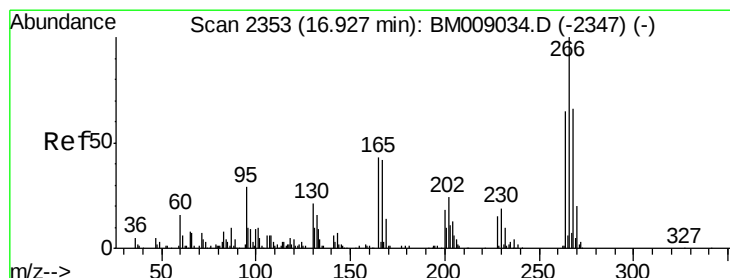
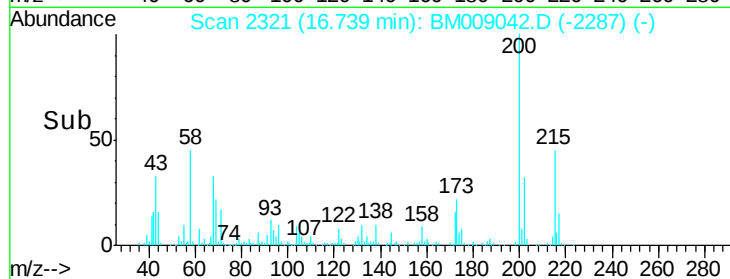
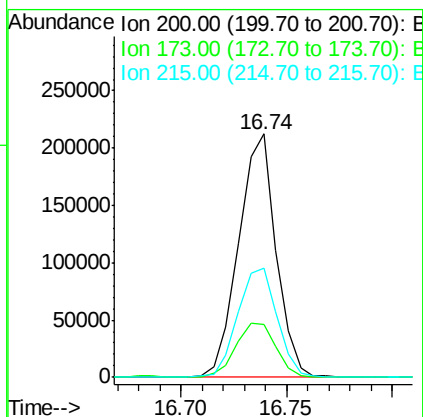
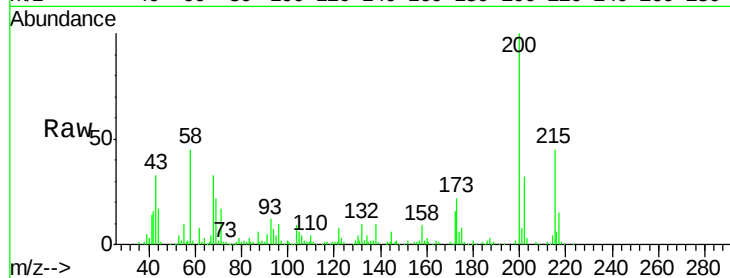




#67
Atrazine
Concen: 19.95 ng/ul
RT: 16.74 min Scan# 2321
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

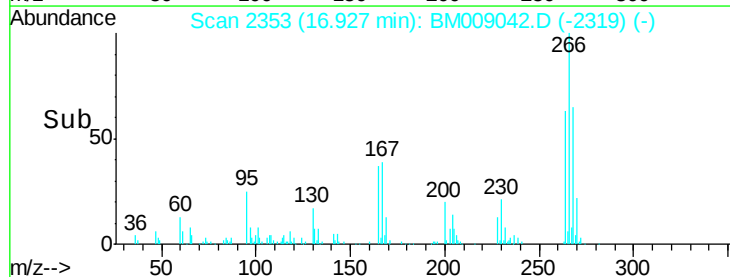
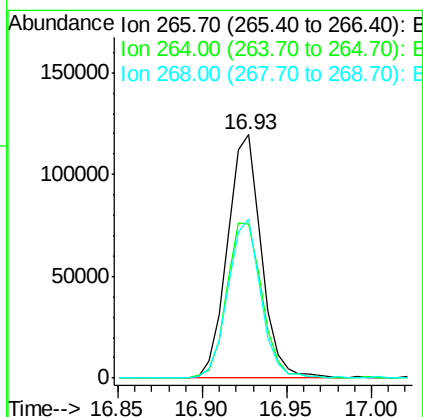
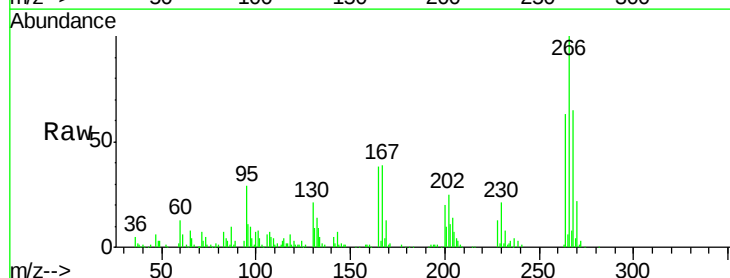
Instrument :
BNA_M
ClientSampleId :
SSTD02059

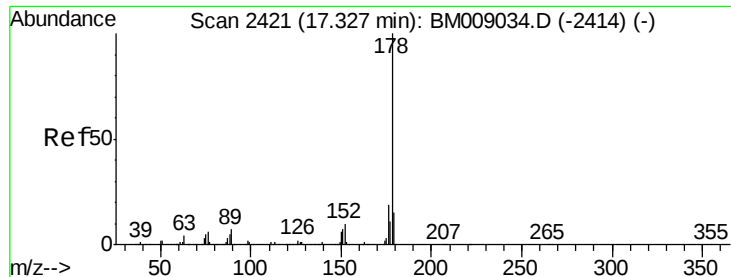
Tgt Ion	Ratio	Lower	Upper
200	100		
173	21.8	21.4	32.0
215	45.0	38.1	57.1



#68
Pentachlorophenol
Concen: 18.91 ng/ul
RT: 16.93 min Scan# 2353
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	54.8	82.2
268	65.4	62.1	93.1





#69

Phenanthrene

Concen: 20.27 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

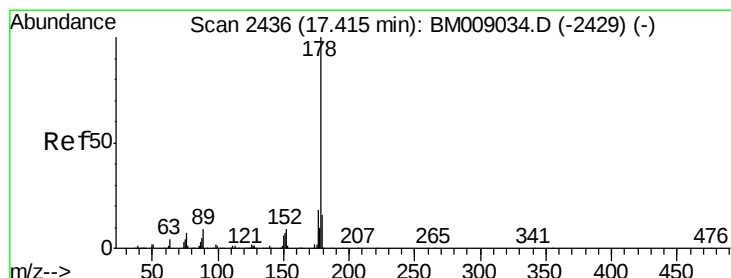
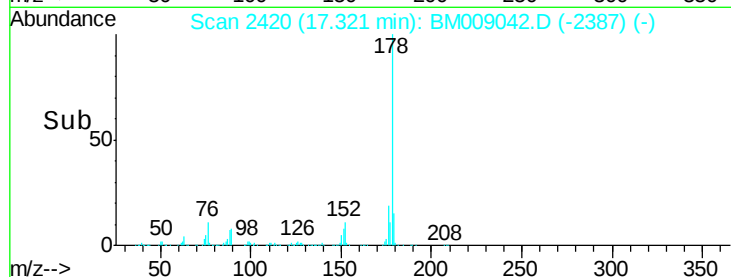
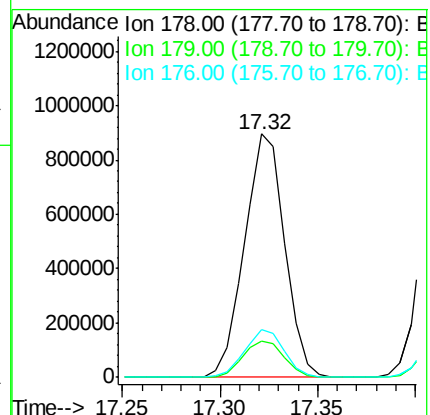
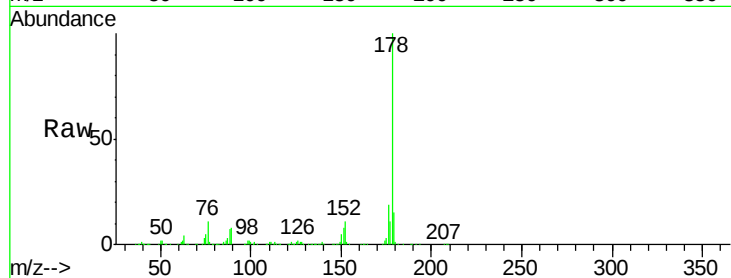
Tgt Ion:178 Resp: 1274899

Ion Ratio Lower Upper

178 100

179 15.0 12.6 19.0

176 19.4 15.8 23.6



#71

Anthracene

Concen: 20.55 ng/ul

RT: 17.42 min Scan# 2436

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

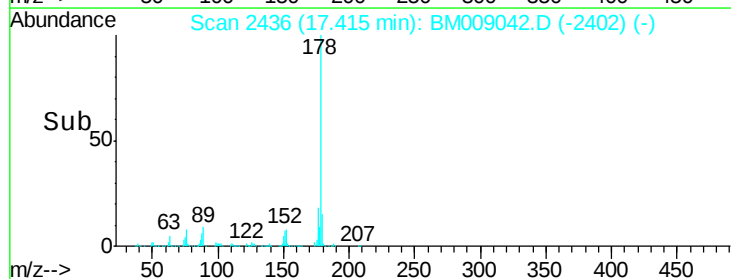
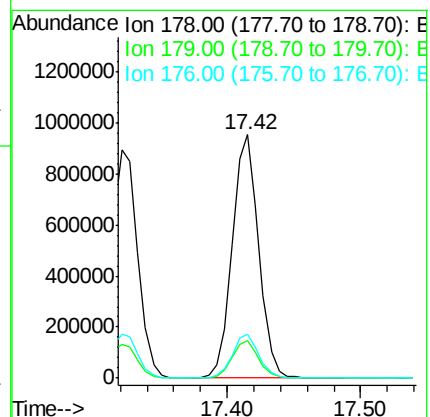
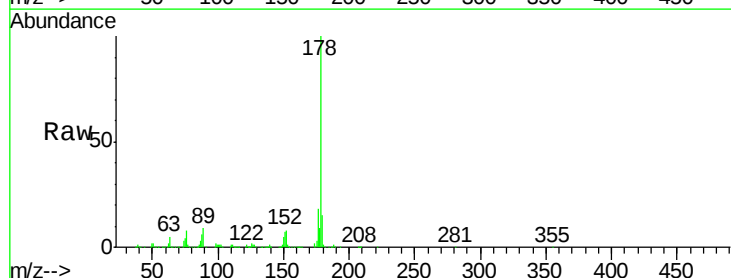
Tgt Ion:178 Resp: 1318805

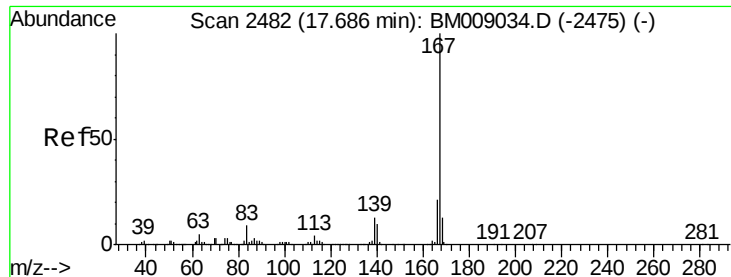
Ion Ratio Lower Upper

178 100

179 15.2 13.1 19.7

176 18.1 15.6 23.4





#72

Carbazole

Concen: 20.36 ng/ul

RT: 17.69 min Scan# 2482

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampled :

SSTD02059

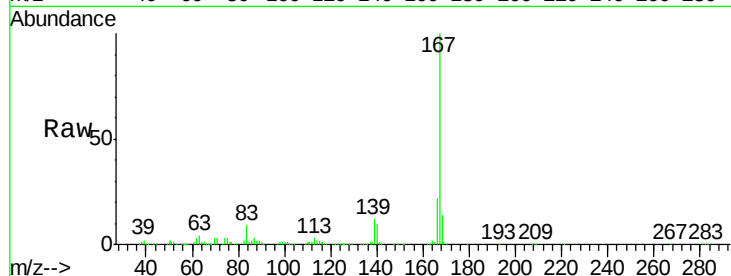
Tgt Ion:167 Resp: 1156461

Ion Ratio Lower Upper

167 100

166 21.7 17.7 26.5

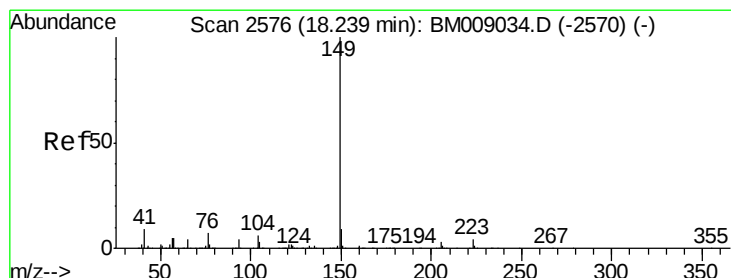
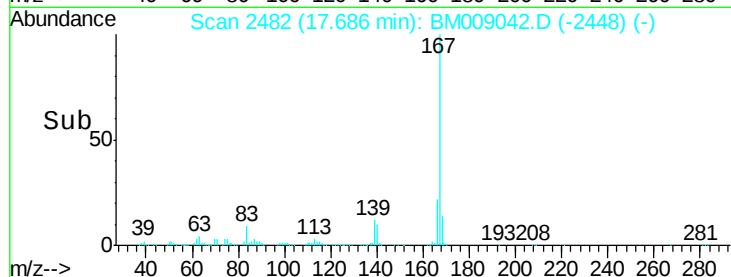
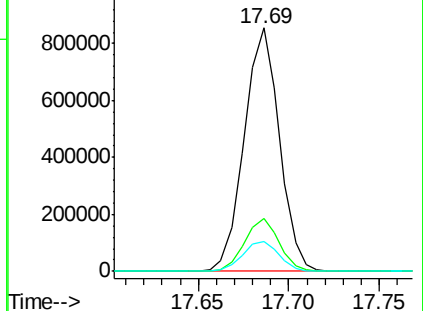
139 12.4 11.1 16.7



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 20.39 ng/ul

RT: 18.23 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

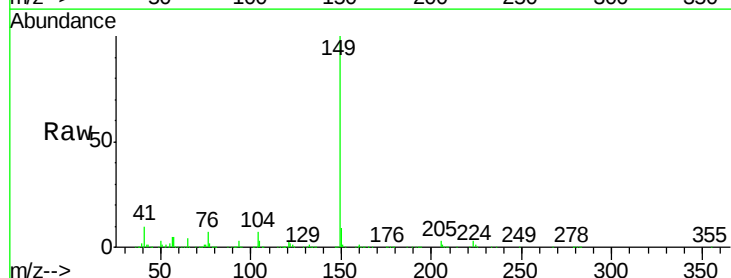
Tgt Ion:149 Resp: 1312279

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

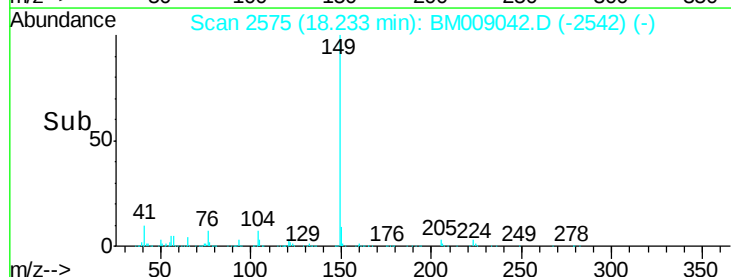
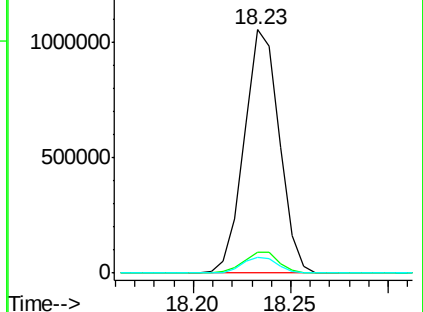
104 6.7 6.9 10.3#

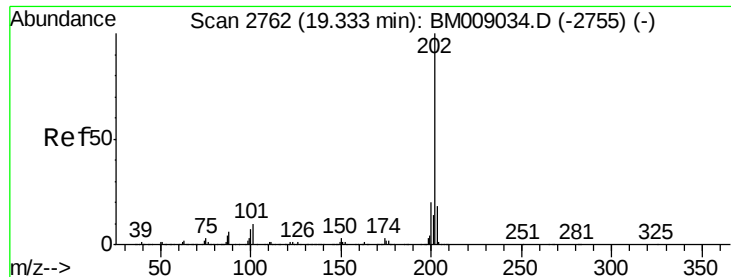


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.46 ng/ul

RT: 19.33 min Scan# 2762

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

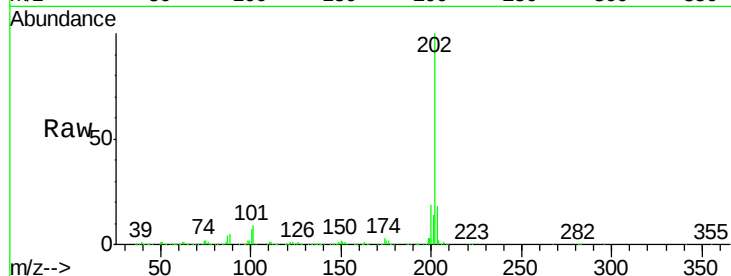
Tgt Ion:202 Resp: 1556599

Ion Ratio Lower Upper

202 100

101 9.5 5.7 8.5#

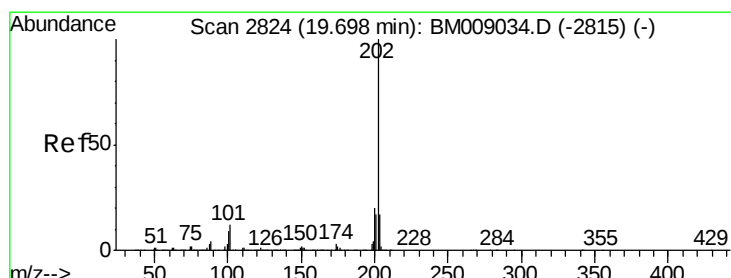
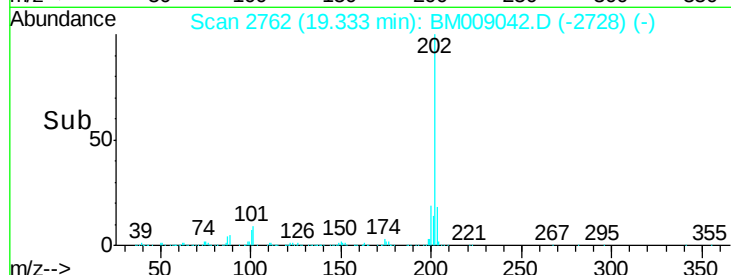
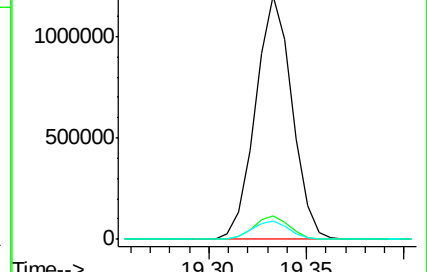
100 7.4 4.6 7.0#



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: 20.15 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

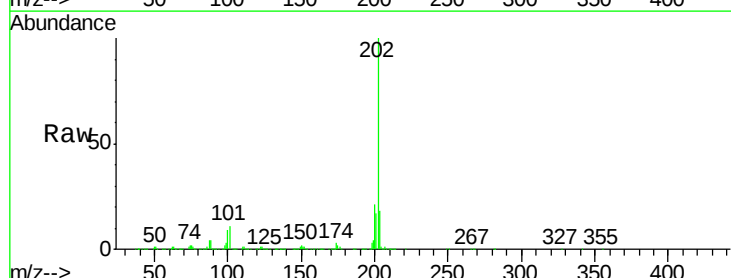
Tgt Ion:202 Resp: 1662895

Ion Ratio Lower Upper

202 100

101 10.9 6.2 9.4#

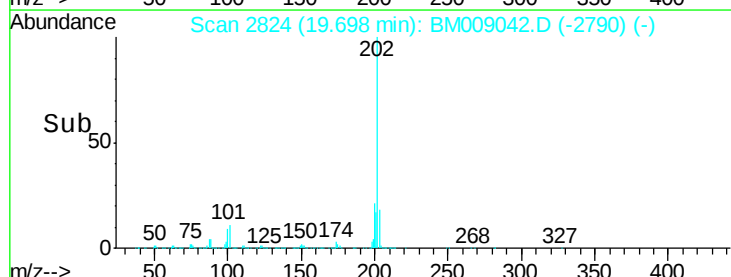
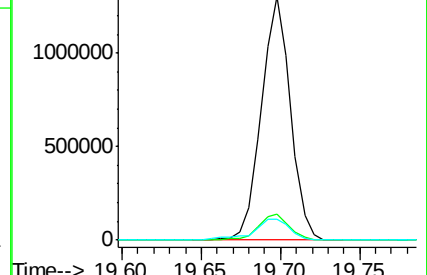
100 8.8 6.4 9.6

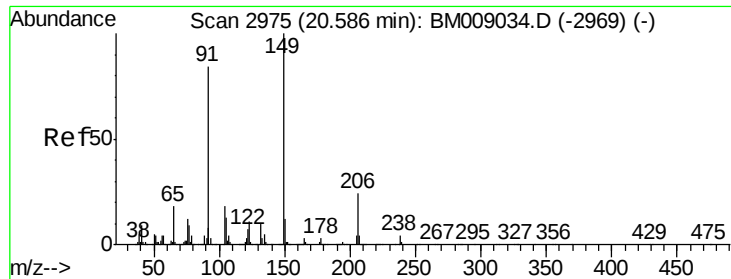


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

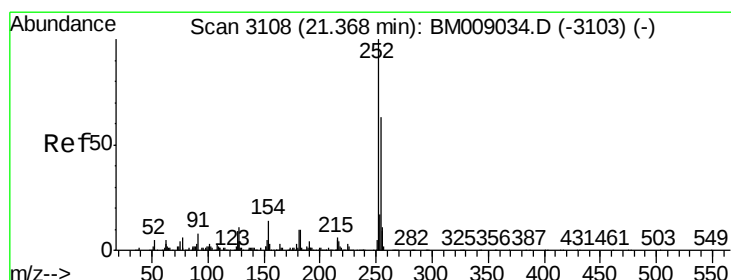
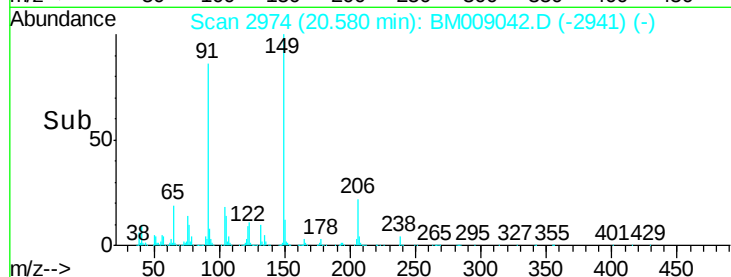
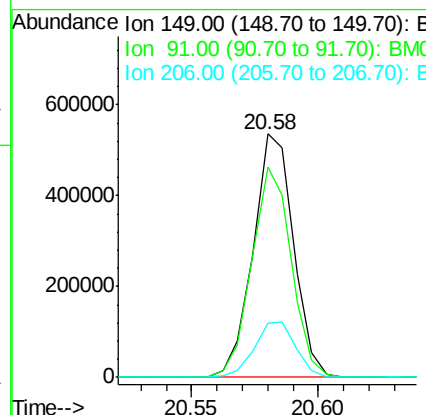
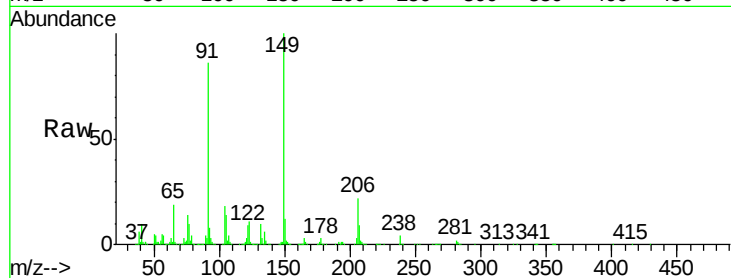




#78
Butylbenzylphthalate
Concen: 20.12 ng/ul
RT: 20.58 min Scan# 2974
Delta R.T. -0.01 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

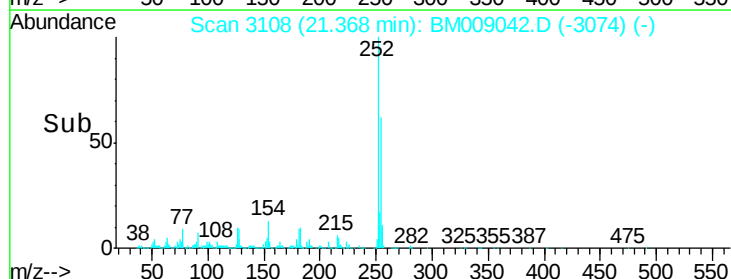
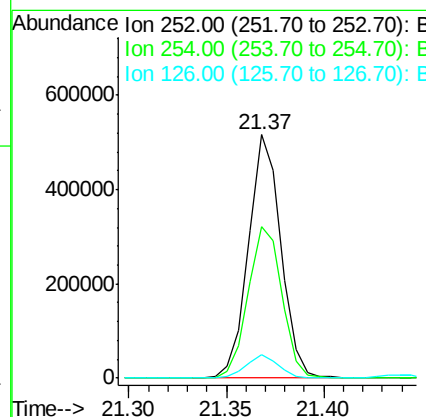
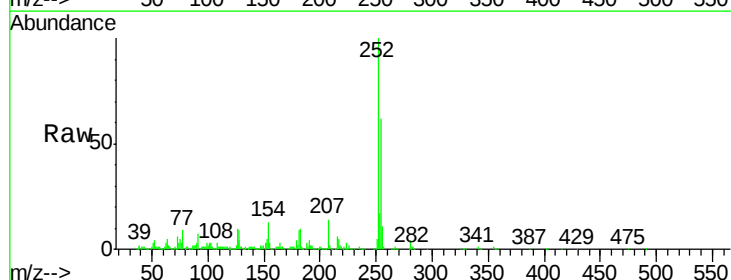
Instrument :
BNA_M
ClientSampleId :
SSTD02059

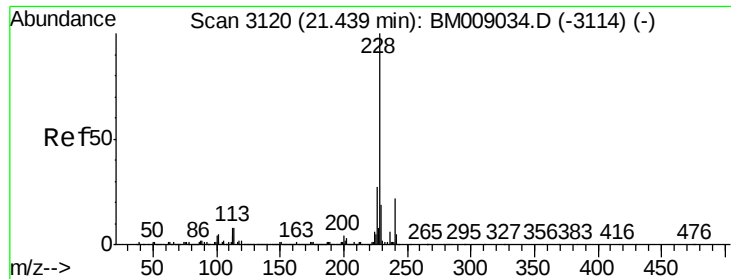
Tgt Ion:149 Resp: 597209
Ion Ratio Lower Upper
149 100
91 86.4 80.0 120.0
206 22.4 19.1 28.7



#79
3,3'-Dichlorobenzidine
Concen: 21.08 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BM009042.D
Acq: 27 Feb 2017 22:57

Tgt Ion:252 Resp: 596139
Ion Ratio Lower Upper
252 100
254 62.0 51.9 77.9
126 9.8 8.2 12.4





#80

Benzo(a)anthracene

Concen: 20.51 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

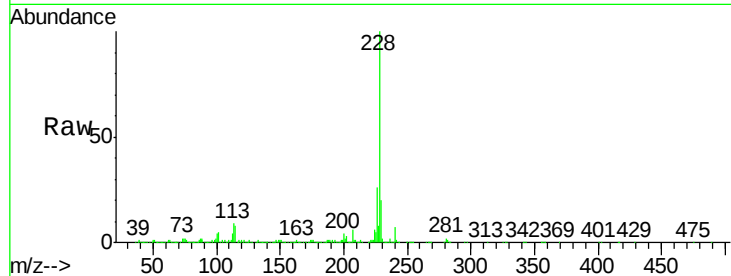
Tgt Ion:228 Resp: 1728739

Ion Ratio Lower Upper

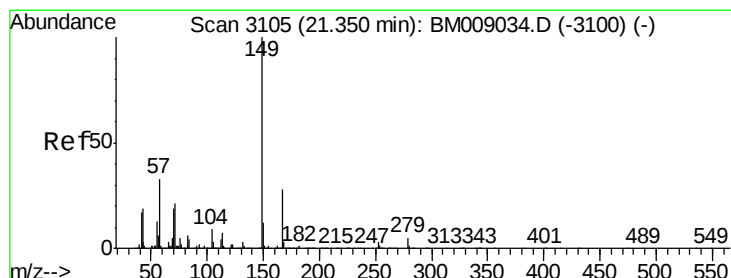
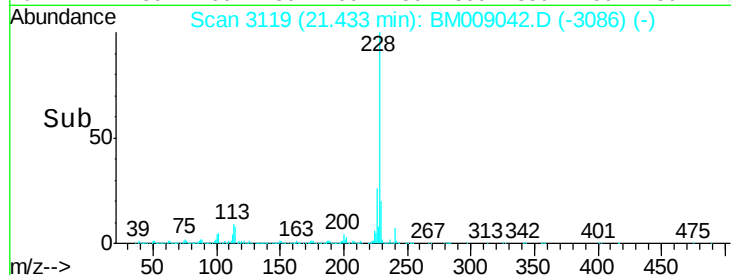
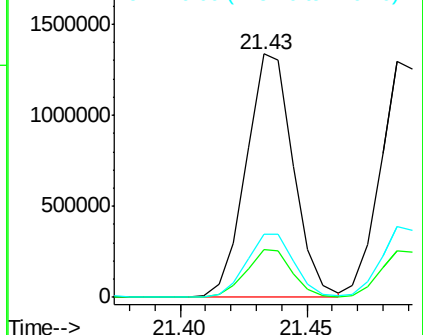
228 100

229 19.7 15.4 23.2

226 26.1 21.2 31.8



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: 20.14 ng/ul

RT: 21.34 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

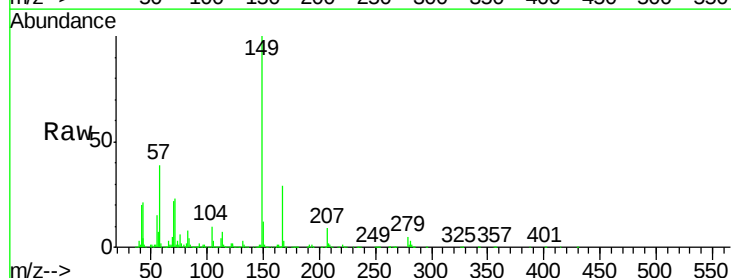
Tgt Ion:149 Resp: 867055

Ion Ratio Lower Upper

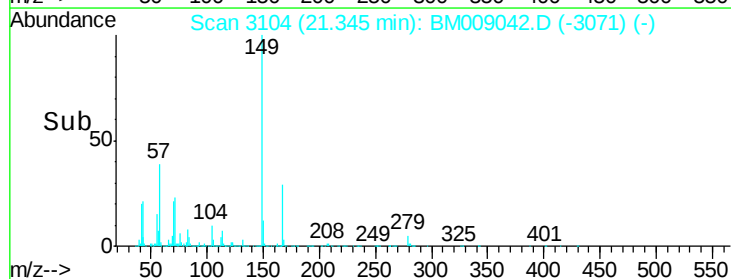
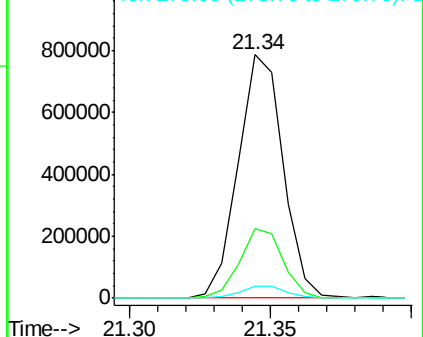
149 100

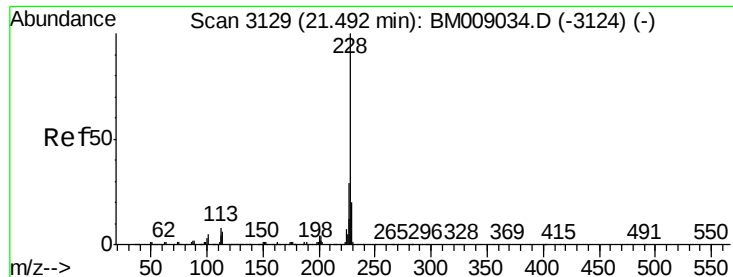
167 28.7 20.2 30.2

279 4.7 4.0 6.0



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





#82

Chrysene

Concen: 20.45 ng/ul

RT: 21.49 min Scan# 3128

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

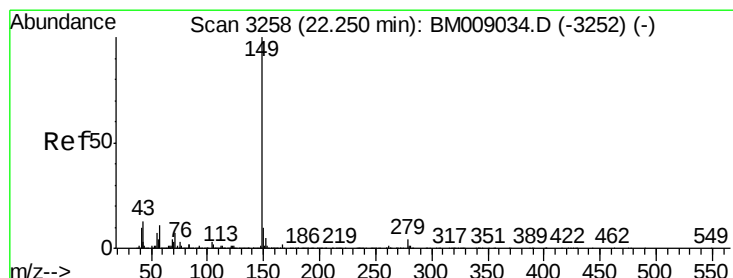
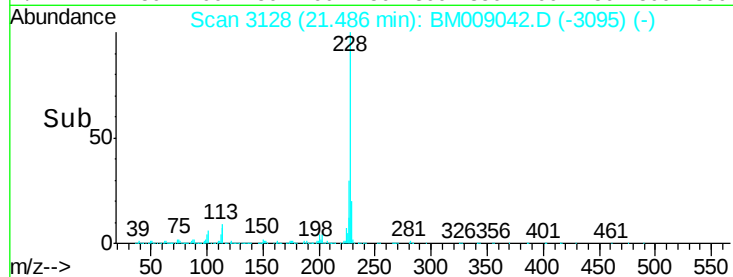
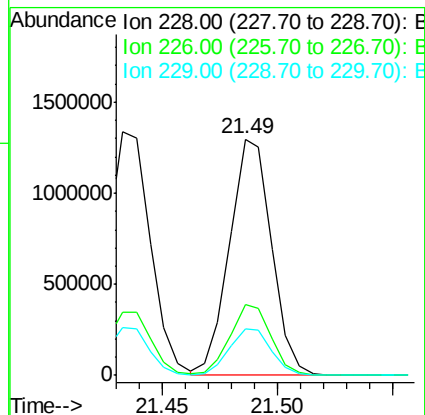
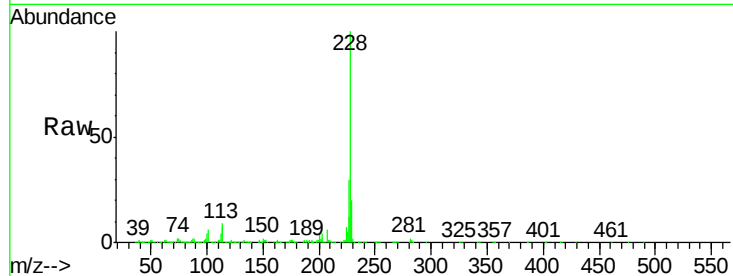
Tgt Ion:228 Resp: 1638264

Ion Ratio Lower Upper

228 100

226 30.0 23.9 35.9

229 19.8 15.4 23.2



#84

Di-n-octyl phthalate

Concen: 18.71 ng/ul

RT: 22.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

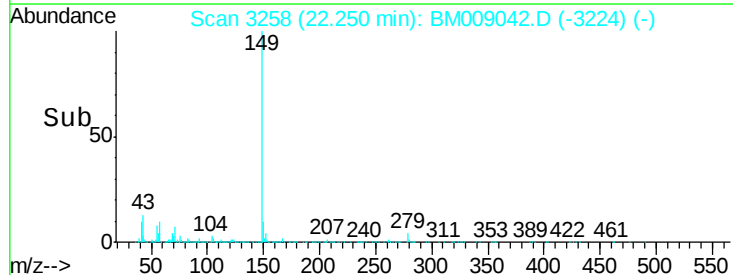
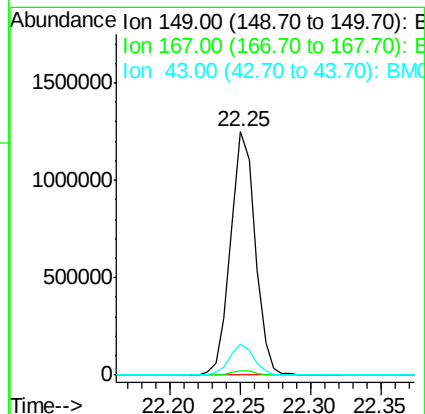
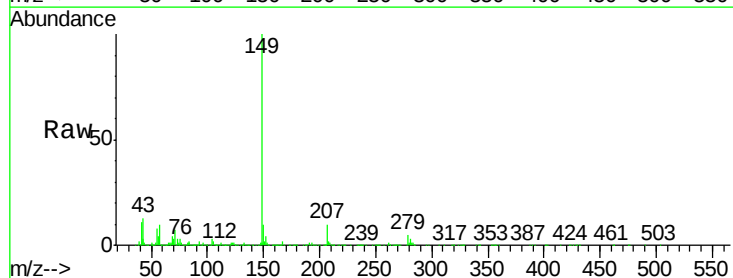
Tgt Ion:149 Resp: 1516280

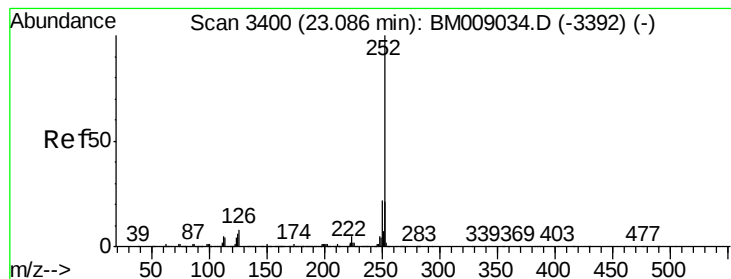
Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

43 12.7 13.7 20.5#





#85

Benzo(b)fluoranthene

Concen: 20.12 ng/ul

RT: 23.08 min Scan# 3399

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

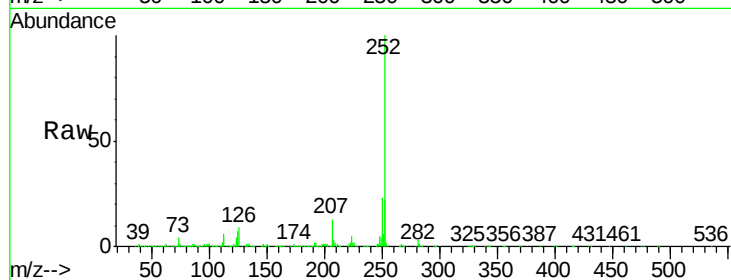
Tgt Ion:252 Resp: 1703222

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.4

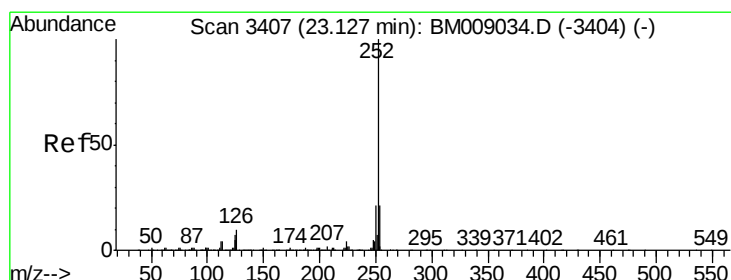
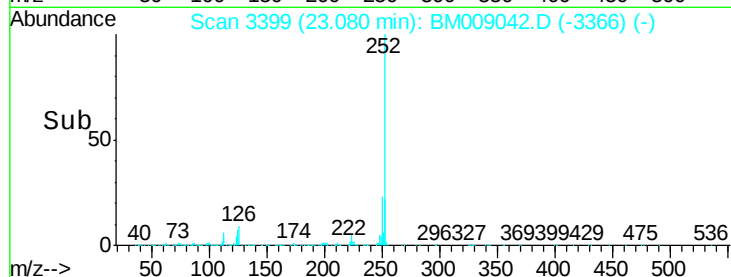
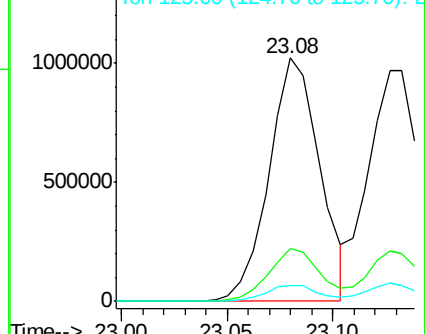
125 6.5 3.7 5.5#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 20.72 ng/ul

RT: 23.13 min Scan# 3407

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

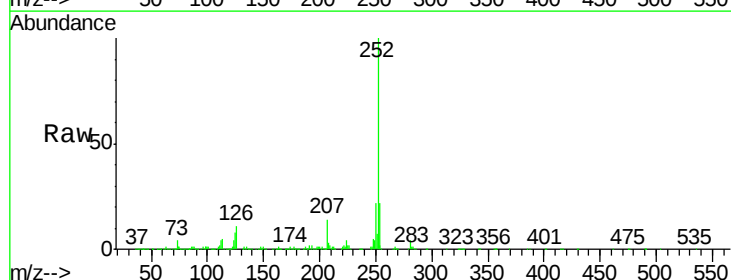
Tgt Ion:252 Resp: 1651159

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.0

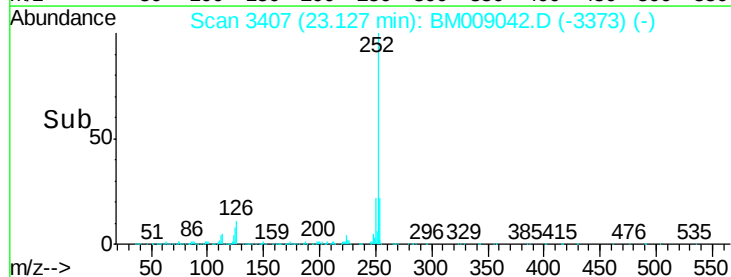
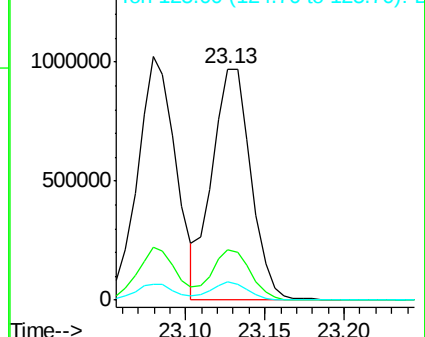
125 7.9 3.8 5.8#

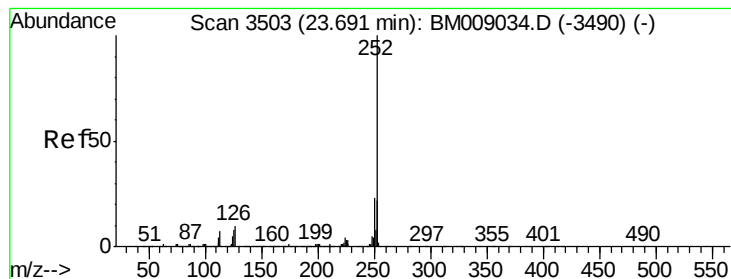


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.37 ng/ul

RT: 23.69 min Scan# 3503

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

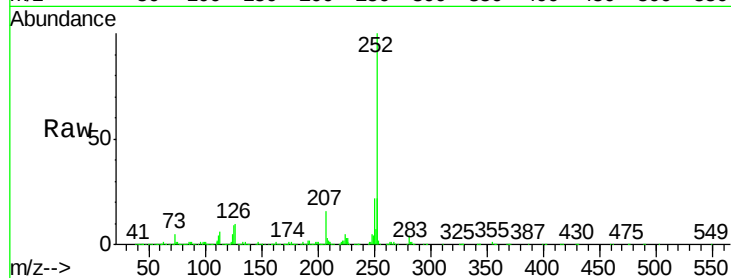
Tgt Ion:252 Resp: 1635030

Ion Ratio Lower Upper

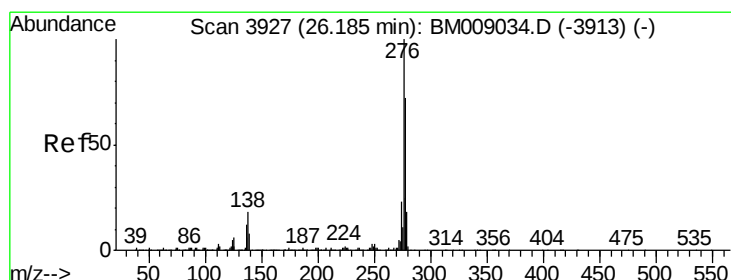
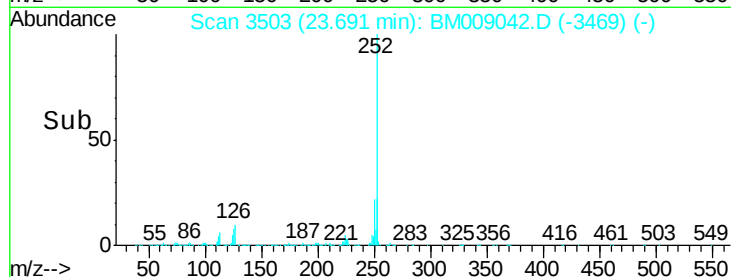
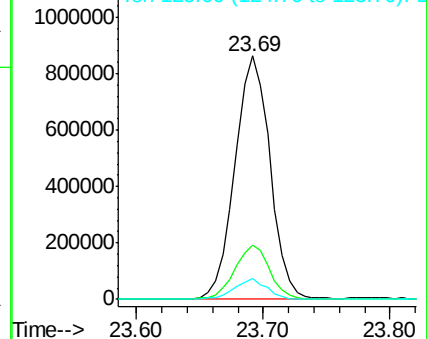
252 100

253 22.3 17.4 26.0

125 8.5 3.7 5.5#



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: 20.32 ng/ul

RT: 26.19 min Scan# 3927

Delta R.T. -0.00 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

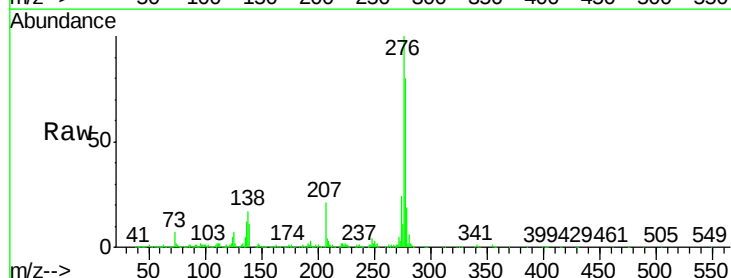
Tgt Ion:276 Resp: 1852789

Ion Ratio Lower Upper

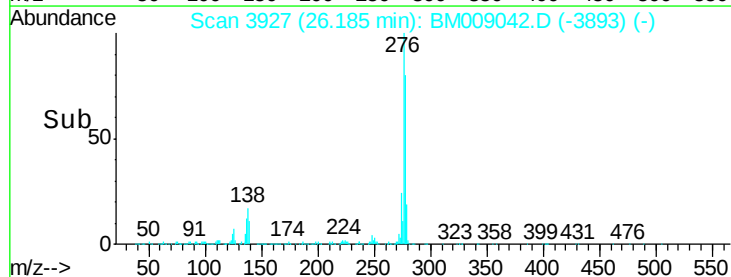
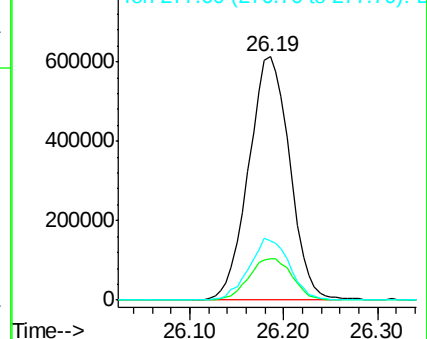
276 100

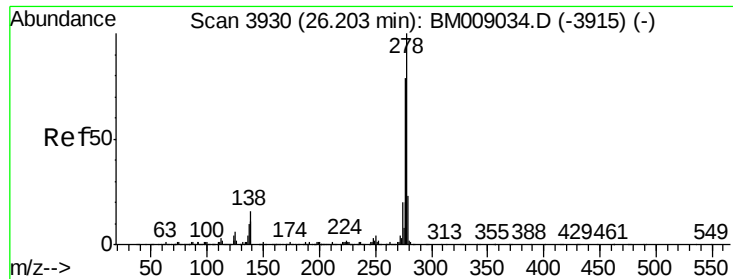
138 16.8 8.2 12.2#

277 24.5 21.5 32.3



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: 20.47 ng/ul

RT: 26.20 min Scan# 3929

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Instrument :

BNA_M

ClientSampleId :

SSTD02059

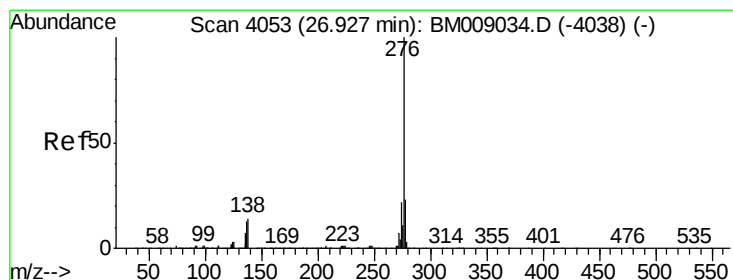
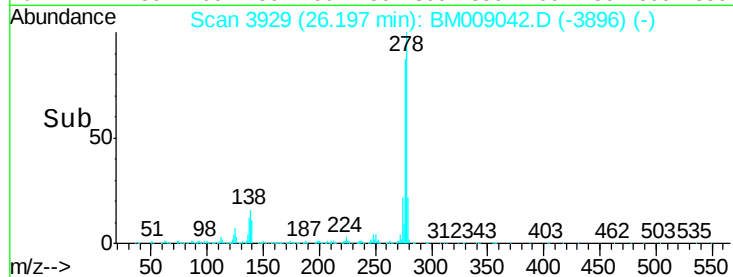
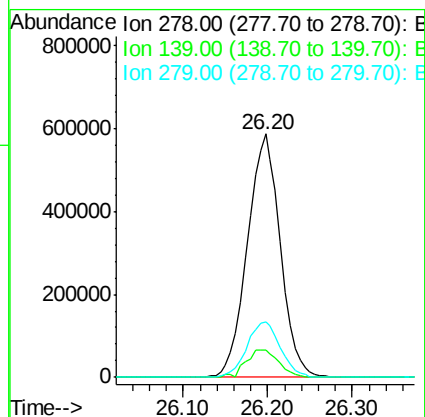
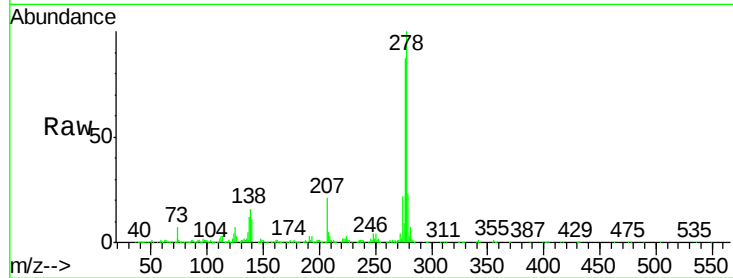
Tgt Ion:278 Resp: 1589775

Ion Ratio Lower Upper

278 100

139 11.3 5.8 8.8#

279 22.5 17.9 26.9



#91

Benzo(g,h,i)perylene

Concen: 20.24 ng/ul

RT: 26.92 min Scan# 4052

Delta R.T. -0.01 min

Lab File: BM009042.D

Acq: 27 Feb 2017 22:57

Tgt Ion:276 Resp: 1527525

Ion Ratio Lower Upper

276 100

138 15.5 7.0 10.4#

277 23.1 19.0 28.6

