

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040517\
 Data File : BM009533.D
 Acq On : 04 Apr 2017 17:15
 Operator : SJ/MA
 Sample : PB98027BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Quant Time: Apr 05 02:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	116654	20.00	ng	-0.02
21) Naphthalene-d8	10.64	136	460378	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	274312	20.00	ng	-0.02
63) Phenanthrene-d10	17.24	188	654952	20.00	ng	-0.01
75) Chrysene-d12	21.41	240	880305	20.00	ng	-0.01
86) Perylene-d12	23.74	264	853143	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1007244	143.92	ng	-0.01
7) Phenol-d6	7.01	99	1407016	147.43	ng	-0.01
23) Nitrobenzene-d5	9.01	82	1014615	82.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.98	330	517901	151.98	ng	-0.02
44) 2-Fluorobiphenyl	13.10	172	1924302	84.53	ng	-0.02
78) Terphenyl-d14	19.86	244	3104778	73.70	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.36	88	106105	30.15	ng	# 100
3) Pyridine	3.75	79	361224	36.32	ng	# 82
4) n-Nitrosodimethylamine	3.66	42	224764	42.45	ng	# 67
6) Aniline	7.18	93	236202	18.21	ng	# 91
8) 2-Chlorophenol	7.40	128	335852	47.33	ng	# 80
9) Benzaldehyde	6.99	77	232206	30.91	ng	# 84
10) Phenol	7.03	94	487005	47.09	ng	# 93
11) bis(2-Chloroethyl)ether	7.27	93	355928	41.99	ng	# 79
12) 1,3-Dichlorobenzene	7.73	146	348214	40.99	ng	# 87
13) 1,4-Dichlorobenzene	7.88	146	359761	40.98	ng	# 93
14) 1,2-Dichlorobenzene	8.19	146	357237	41.91	ng	# 91
15) Benzyl Alcohol	8.09	79	385457	46.20	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	8.37	45	591579	40.15	ng	# 95
17) 2-Methylphenol	8.28	107	309109	45.68	ng	# 85
18) Hexachloroethane	8.92	117	148809	41.44	ng	# 89
19) n-Nitroso-di-n-propylamine	8.65	70	332817	43.26	ng	# 87
20) 3+4-Methylphenols	8.61	107	413575	44.96	ng	# 92
22) Acetophenone	8.67	105	558321	43.00	ng	# 88
24) Nitrobenzene	9.05	77	516146	42.91	ng	# 88
25) Isophorone	9.57	82	821653	43.87	ng	# 90
26) 2-Nitrophenol	9.76	139	167936	46.29	ng	# 44
27) 2,4-Dimethylphenol	9.81	122	317379	47.82	ng	# 78
28) bis(2-Chloroethoxy)methane	10.05	93	493917	42.59	ng	# 98
29) 2,4-Dichlorophenol	10.29	162	324204	46.73	ng	# 91
30) 1,2,4-Trichlorobenzene	10.50	180	361480	41.99	ng	# 98
31) Naphthalene	10.69	128	1011398	41.39	ng	# 98
32) Benzoic acid	9.94	122	160229	34.91	ng	# 71
33) 4-Chloroaniline	10.81	127	76120	8.08	ng	# 78
34) Hexachlorobutadiene	10.96	225	232075	39.37	ng	# 98
35) Caprolactam	11.59	113	88776	41.91	ng	# 54
36) 4-Chloro-3-methylphenol	11.92	107	369963	47.13	ng	# 81
37) 2-Methylnaphthalene	12.30	142	745205	44.18	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	12.67	216	425647	41.10	ng	# 100
40) Hexachlorocyclopentadiene	12.64	237	530317	89.22	ng	# 99

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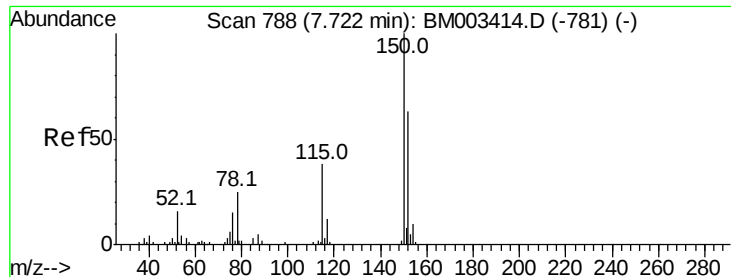
Instrument :
 BNA_M
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Quant Time: Apr 05 02:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.92	196	280818	47.42	nq	98
43) 2,4,5-Trichlorophenol	12.98	196	293960	44.49	nq	# 86
45) 1,1'-Biphenyl	13.32	154	975465	42.73	nq	96
46) 2-Chloronaphthalene	13.36	162	778925	43.93	nq	95
47) 2-Nitroaniline	13.57	65	310429	47.52	nq	# 70
48) Acenaphthylene	14.21	152	1231340	42.63	nq	99
49) Dimethylphthalate	13.94	163	969520	46.03	nq	99
50) 2,6-Dinitrotoluene	14.07	165	207121	45.64	nq	# 69
51) Acenaphthene	14.55	154	737719	42.33	nq	99
52) 3-Nitroaniline	14.40	138	72942	16.31	nq	# 54
53) 2,4-Dinitrophenol	14.61	184	250632	81.75	nq	88
54) Dibenzofuran	14.89	168	1206908	46.83	nq	95
55) 4-Nitrophenol	14.70	139	367516	99.44	nq	# 14
56) 2,4-Dinitrotoluene	14.86	165	294529	47.97	nq	# 96
57) Fluorene	15.54	166	990873	42.78	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	267663	47.90	nq	# 100
59) Diethylphthalate	15.31	149	990914	46.38	nq	98
60) 4-Chlorophenyl-phenylether	15.53	204	527526	43.61	nq	95
61) 4-Nitroaniline	15.57	138	224511	46.23	nq	# 32
62) Azobenzene	15.82	77	1274475	51.10	nq	86
64) 4,6-Dinitro-2-methylphenol	15.62	198	182219	44.16	nq	88
65) n-Nitrosodiphenylamine	15.75	169	862911	43.37	nq	99
66) 4-Bromophenyl-phenylether	16.43	248	319918	42.16	nq	# 92
67) Hexachlorobenzene	16.54	284	347445	41.77	nq	# 90
68) Atrazine	16.70	200	303632	40.58	nq	98
69) Pentachlorophenol	16.89	266	437157	86.04	nq	97
70) Phenanthrene	17.28	178	1608538	42.95	nq	99
71) Anthracene	17.37	178	1654202	43.63	nq	99
72) Carbazole	17.64	167	1508862	41.55	nq	98
73) Di-n-butylphthalate	18.19	149	1760593	47.47	nq	# 98
74) Fluoranthene	19.30	202	1988473	44.83	nq	99
76) Benzidine	19.49	184	493255	18.80	nq	99
77) Pyrene	19.66	202	2078939	41.64	nq	98
79) Butylbenzylphthalate	20.54	149	858279	47.74	nq	# 75
80) Benzo(a)anthracene	21.40	228	2277669	44.30	nq	97
81) 3,3'-Dichlorobenzidine	21.34	252	532371	27.65	nq	# 95
82) Chrysene	21.45	228	2042378	41.60	nq	98
83) Bis(2-ethylhexyl)phthalate	21.31	149	1218183	45.41	nq	98
84) Di-n-octyl phthalate	22.21	149	2175286	48.72	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.11	276	2564120	47.89	nq	# 100
87) Benzo(b)fluoranthene	23.03	252	2271275	42.00	nq	# 95
88) Benzo(k)fluoranthene	23.08	252	2250792	43.28	nq	98
89) Benzo(a)pyrene	23.64	252	2206117	44.06	nq	98
90) Dibenzo(a,h)anthracene	26.12	278	2169398	44.22	nq	# 95
91) Benzo(g,h,i)perylene	26.83	276	2086832	43.64	nq	# 92

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

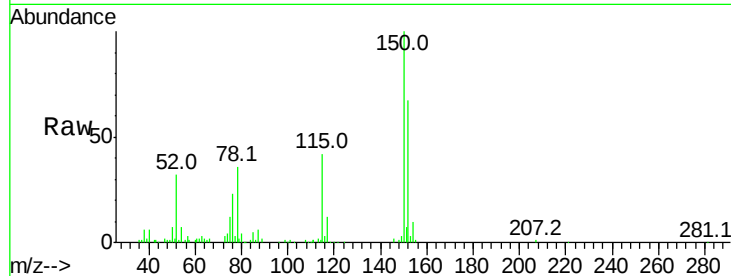


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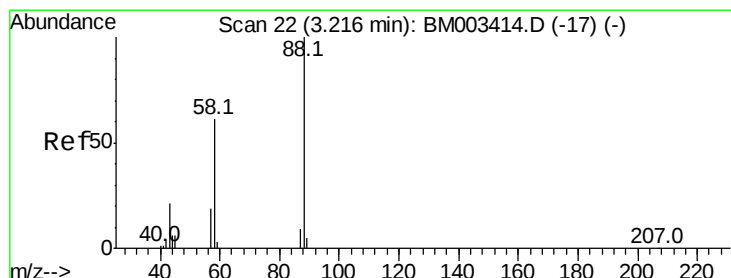
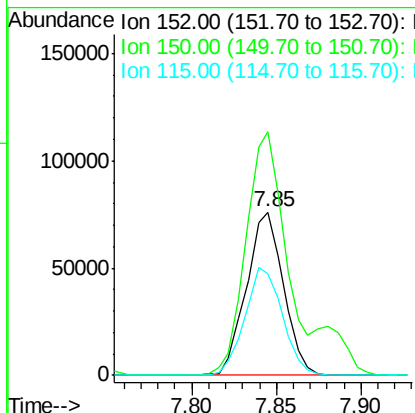
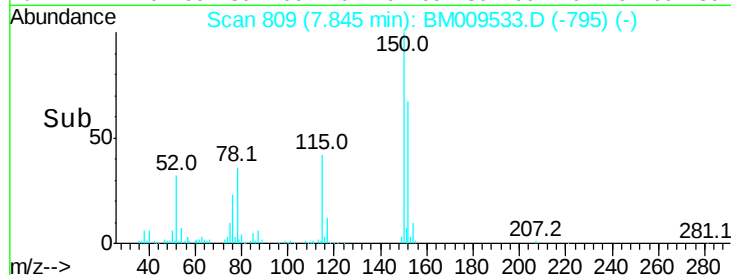
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Instrument :
BNA_M
ClientSampleId :
PB98027BS

Tot Ion:152 Resp: 116654
Ion Ratio Lower Upper
152 100
150 149.3 119.5 179.3
115 62.0 43.0 64.4



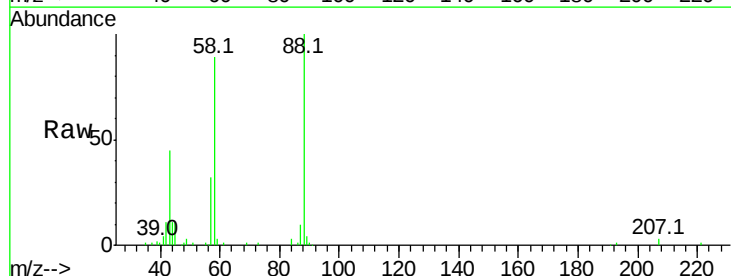
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



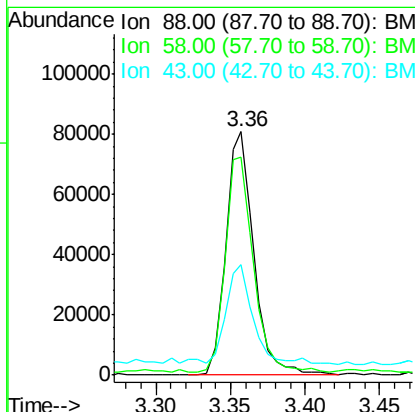
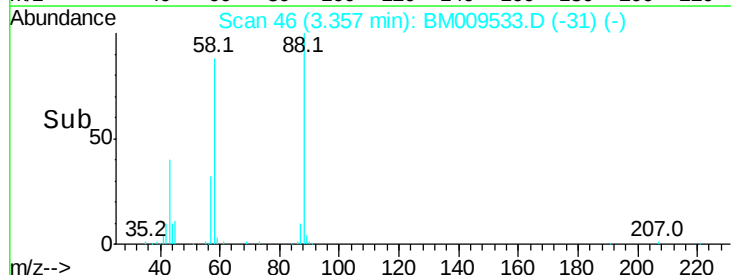
#2

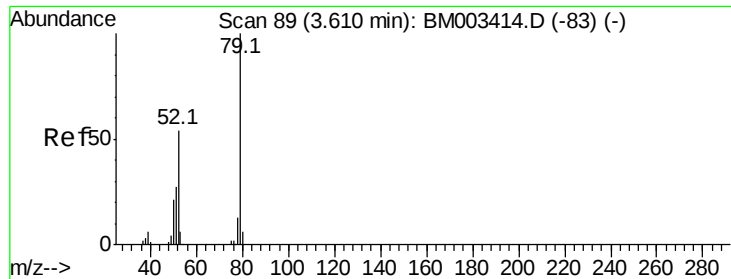
1,4-Dioxane
Concen: 30.15 ng
RT: 3.36 min Scan# 46
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion: 88 Resp: 106105
Ion Ratio Lower Upper
88 100
58 89.9 0.0 0.0#
43 35.9 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 36.32 ng

RT: 3.75 min Scan# 112

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

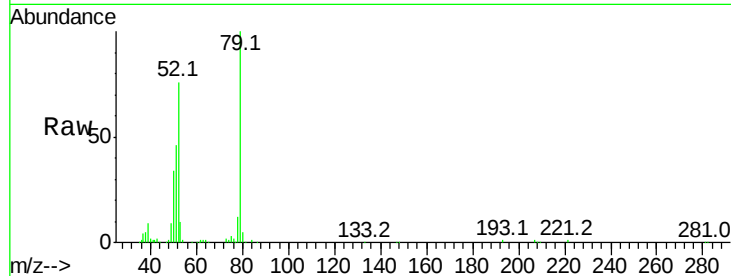
Tot Ion: 79 Resp: 361224

Ion Ratio Lower Upper

79 100

52 76.2 51.1 76.7

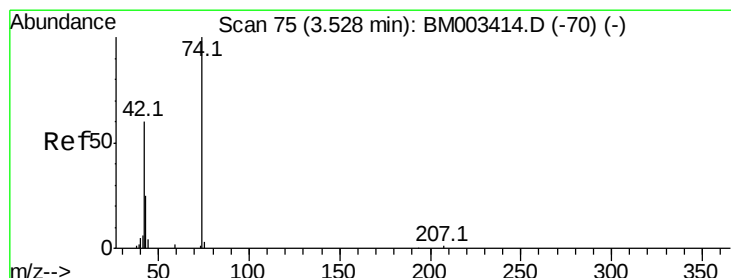
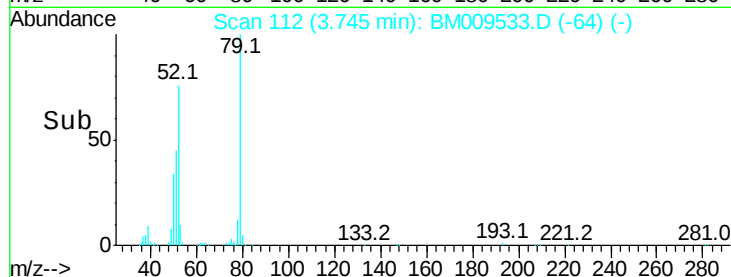
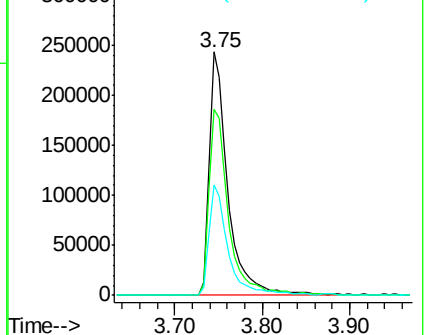
51 45.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM009533.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM009533.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM009533.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 42.45 ng

RT: 3.66 min Scan# 98

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

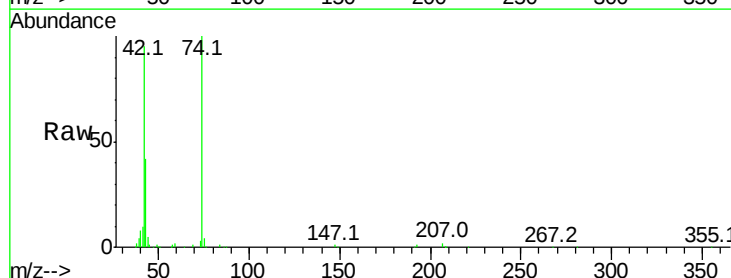
Tgt Ion: 42 Resp: 224764

Ion Ratio Lower Upper

42 100

74 105.5 119.3 178.9#

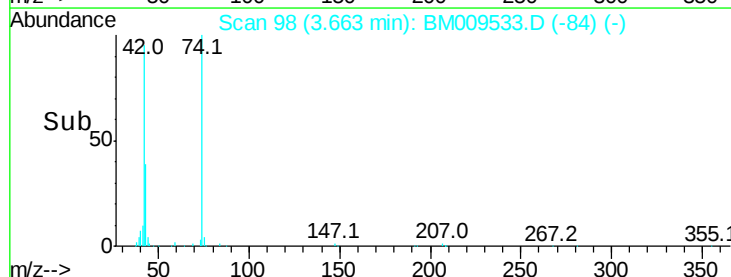
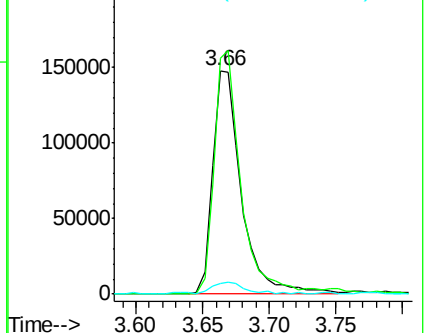
44 5.1 5.4 8.2#

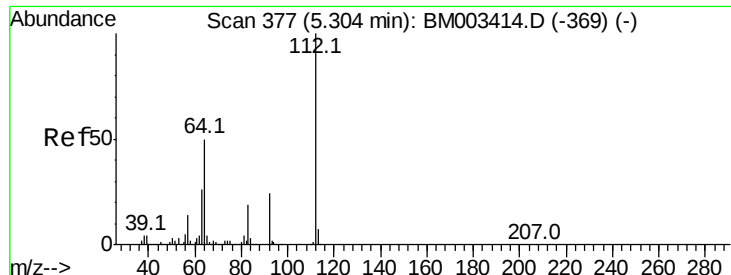


Abundance Ion 42.00 (41.70 to 42.70): BM009533.D (-84) (-)

Ion 74.00 (73.70 to 74.70): BM009533.D (-84) (-)

Ion 44.00 (43.70 to 44.70): BM009533.D (-84) (-)





#5

2-Fluorophenol

Concen: 143.92 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

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ClientSampleId :

PB98027BS

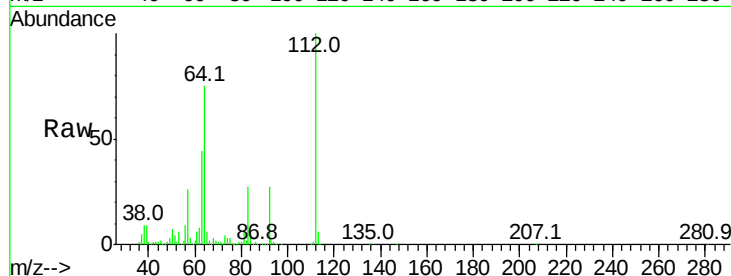
Tot Ion:112 Resp: 1007244

Ion Ratio Lower Upper

112 100

64 75.3 38.6 57.8#

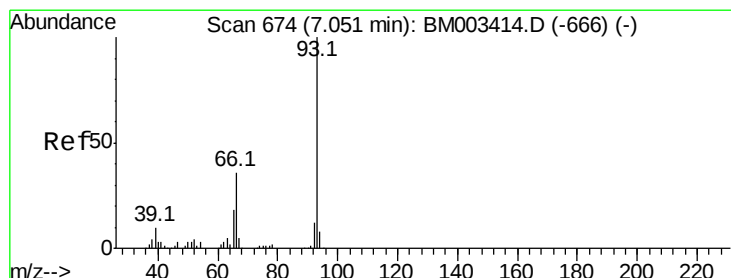
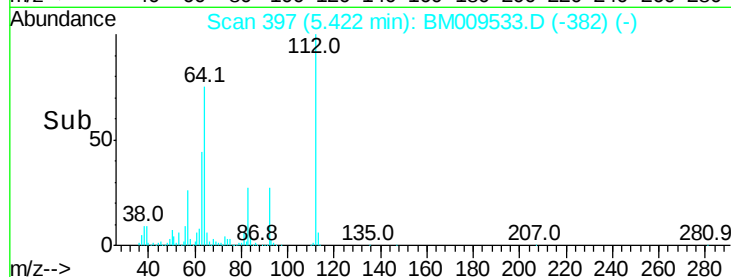
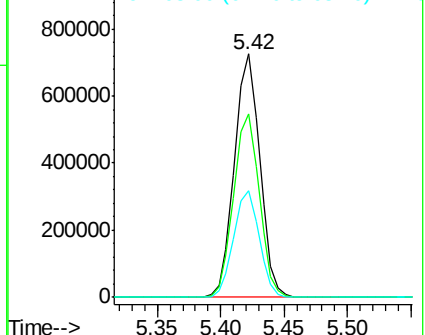
63 43.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 18.21 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

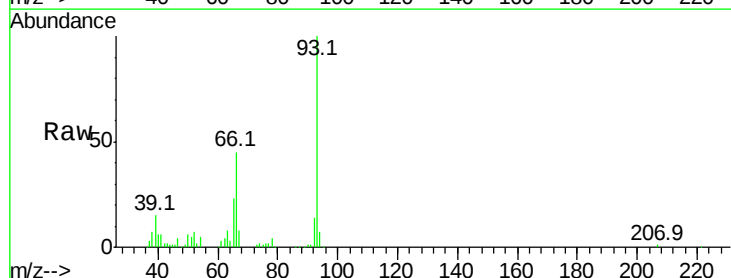
Tgt Ion: 93 Resp: 236202

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

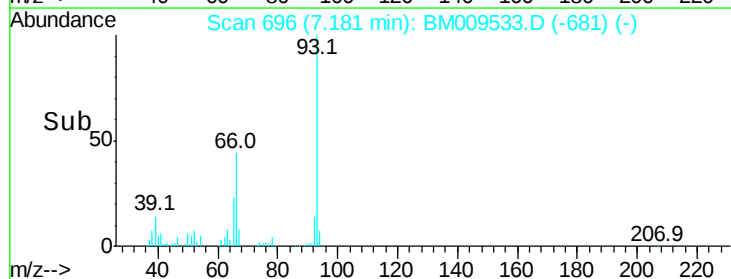
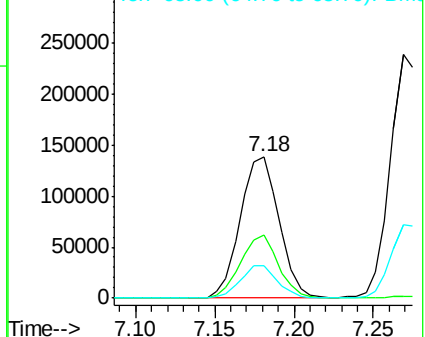
65 22.8 16.0 24.0

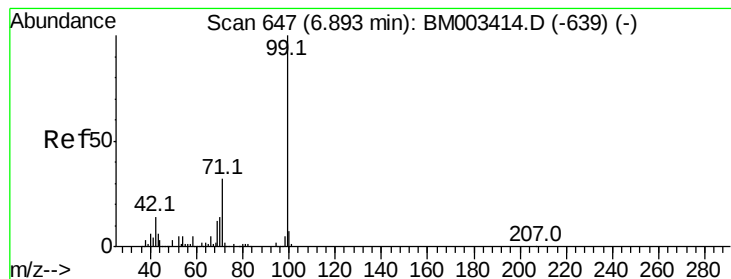


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 147.43 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

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ClientSampleId :

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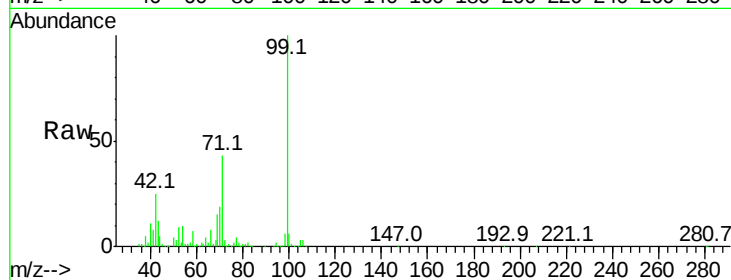
Tot Ion: 99 Resp: 1407016

Ion Ratio Lower Upper

99 100

42 25.1 11.0 16.4#

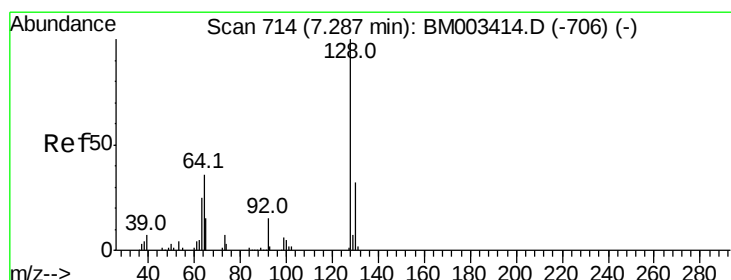
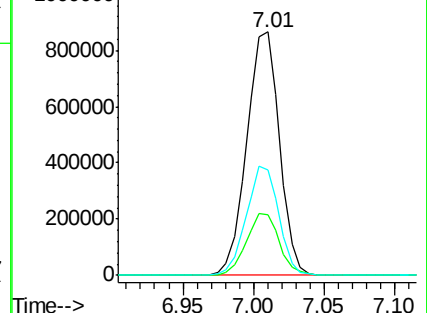
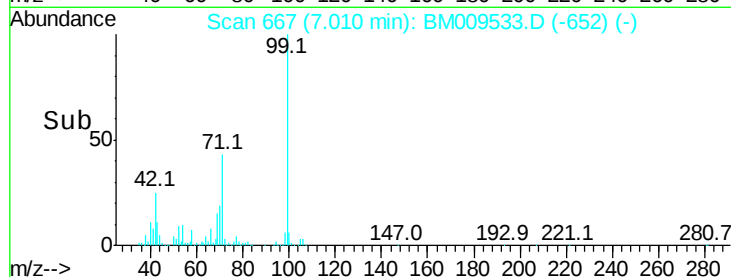
71 43.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009533.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009533.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009533.D (-652) (-)



#8

2-Chlorophenol

Concen: 47.33 ng

RT: 7.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

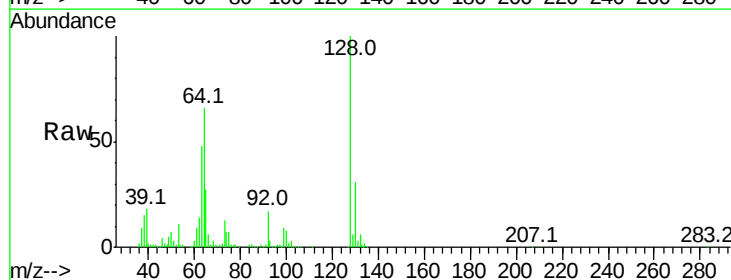
Tgt Ion: 128 Resp: 335852

Ion Ratio Lower Upper

128 100

130 30.9 12.0 52.0

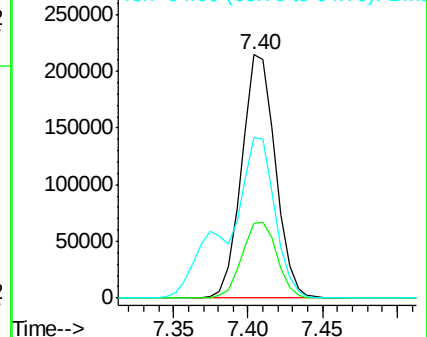
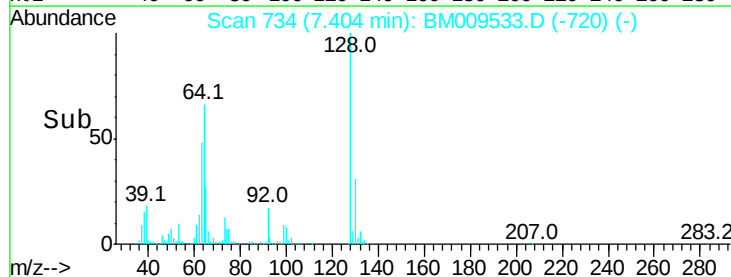
64 65.8 24.9 64.9#

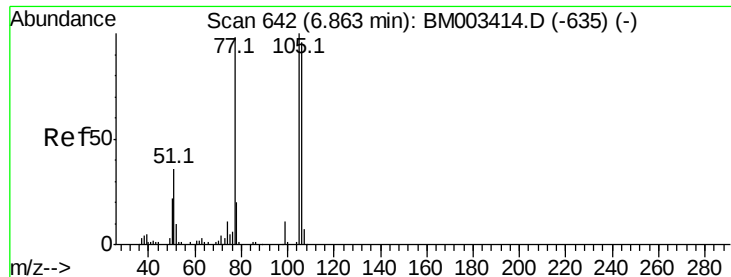


Abundance Ion 128.00 (127.70 to 128.70): BM009533.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009533.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009533.D (-720) (-)





#9

Benzaldehyde

Concen: 30.91 ng

RT: 6.99 min Scan# 664

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

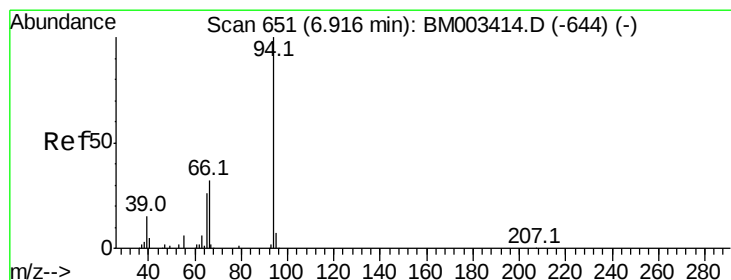
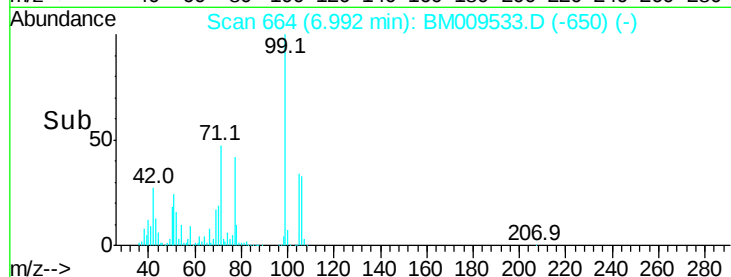
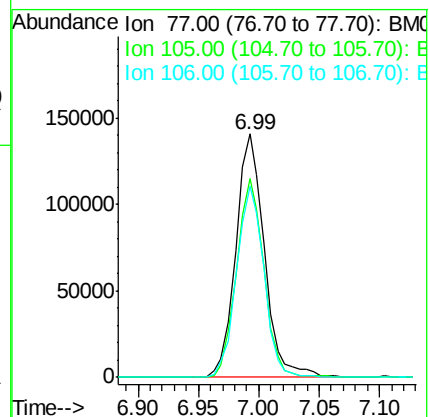
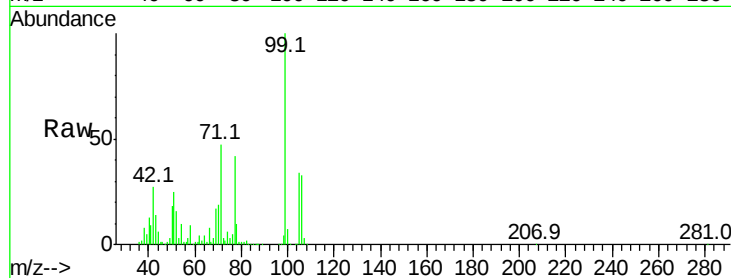
Tot Ion: 77 Resp: 232206

Ion Ratio Lower Upper

77 100

105 81.9 78.8 118.8

106 78.7 73.7 113.7



#10

Phenol

Concen: 47.09 ng

RT: 7.03 min Scan# 671

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

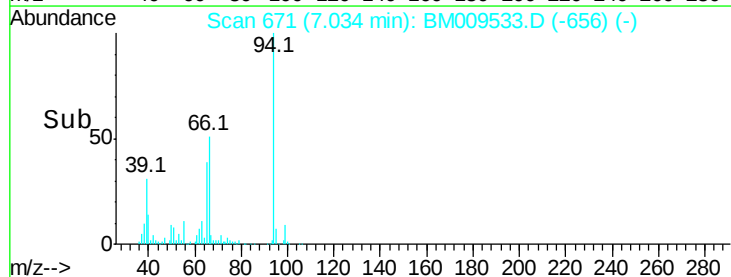
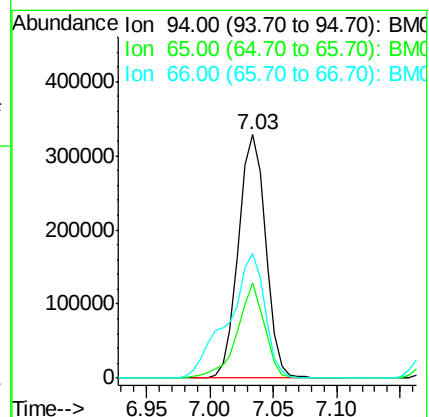
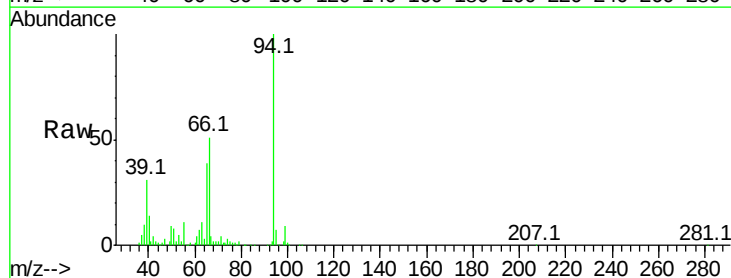
Tgt Ion: 94 Resp: 487005

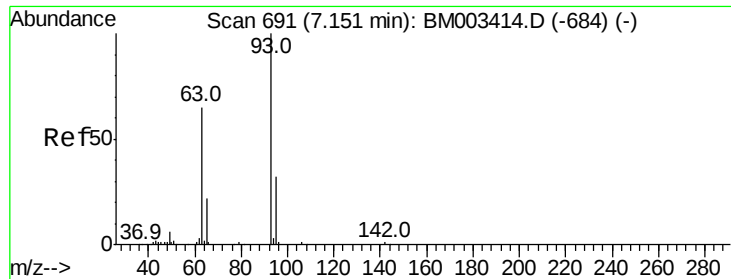
Ion Ratio Lower Upper

94 100

65 38.8 18.8 58.8

66 51.3 39.9 79.9

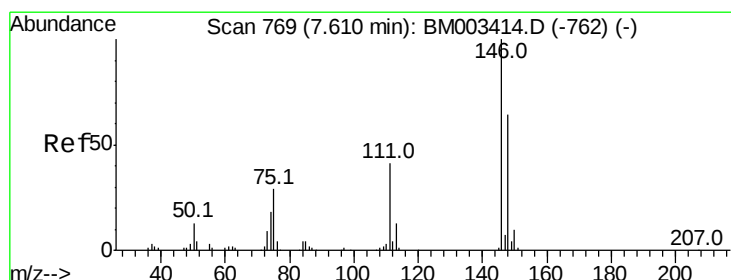
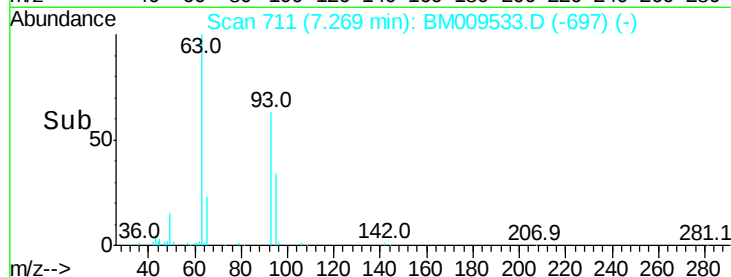
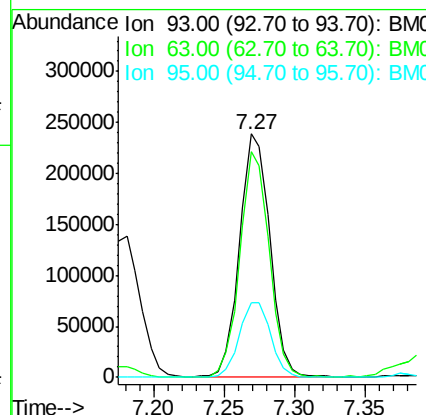
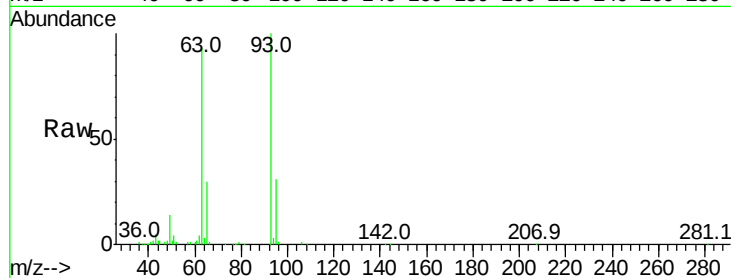




#11
bis(2-Chloroethyl)ether
Concen: 41.99 ng
RT: 7.27 min Scan# 711
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

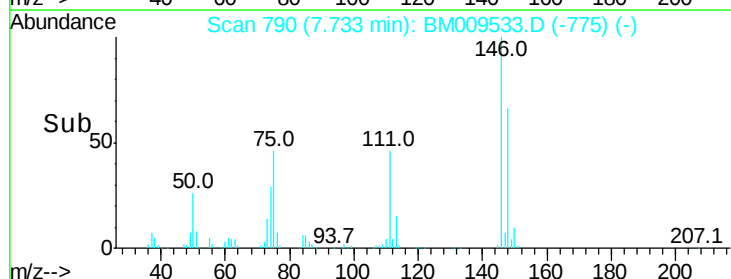
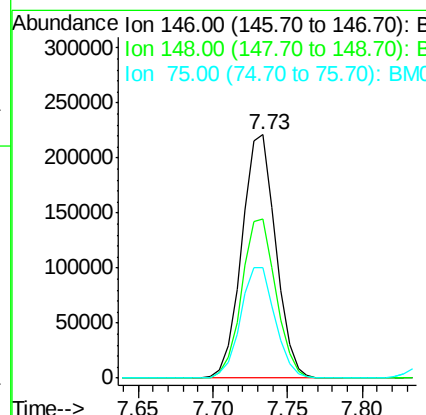
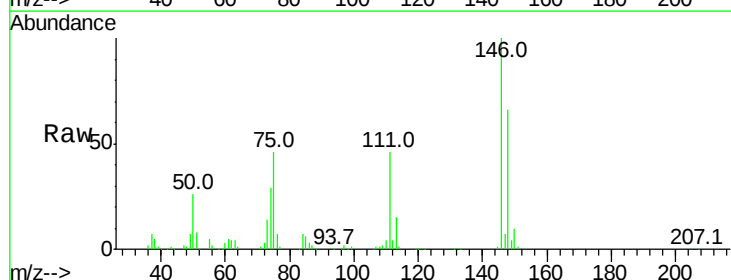
Instrument :
BNA_M
ClientSampleId :
PB98027BS

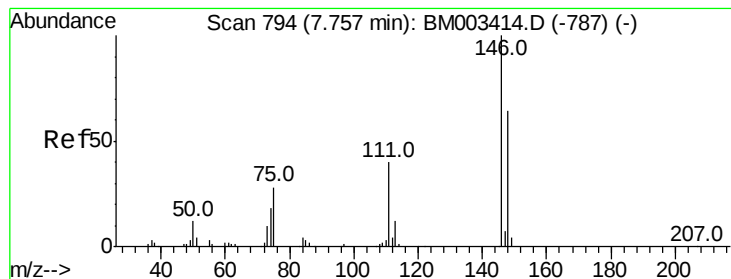
Tot Ion: 93 Resp: 355928
Ion Ratio Lower Upper
93 100
63 92.7 49.5 89.5#
95 30.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.99 ng
RT: 7.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion: 146 Resp: 348214
Ion Ratio Lower Upper
146 100
148 65.5 50.9 76.3
75 45.6 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 40.98 ng

RT: 7.88 min Scan# 815

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

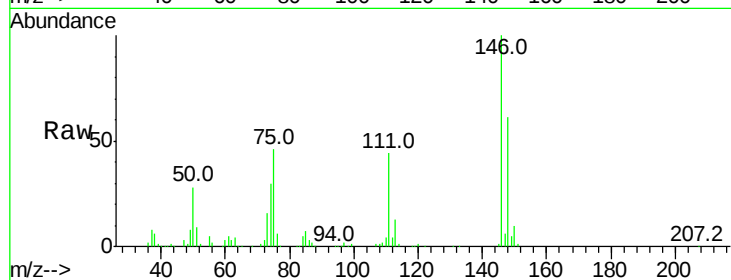
Tot Ion:146 Resp: 359761

Ion Ratio Lower Upper

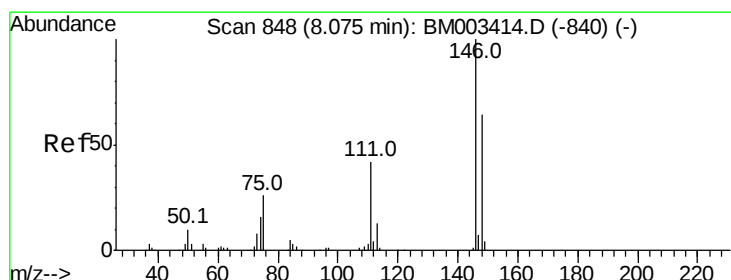
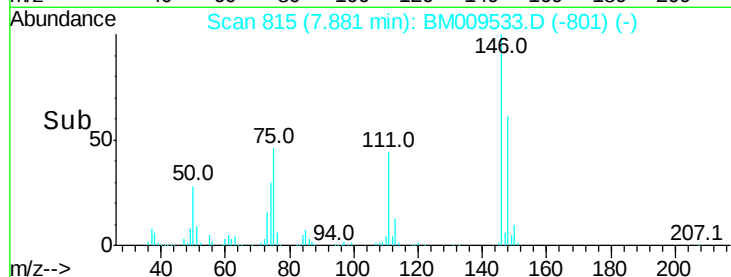
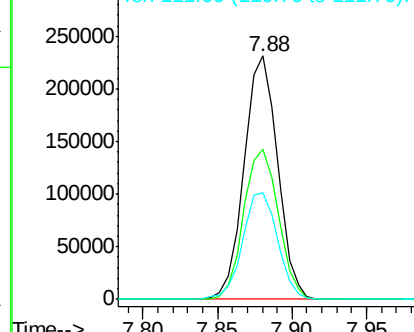
146 100

148 61.4 51.9 77.9

111 44.0 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.91 ng

RT: 8.19 min Scan# 868

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

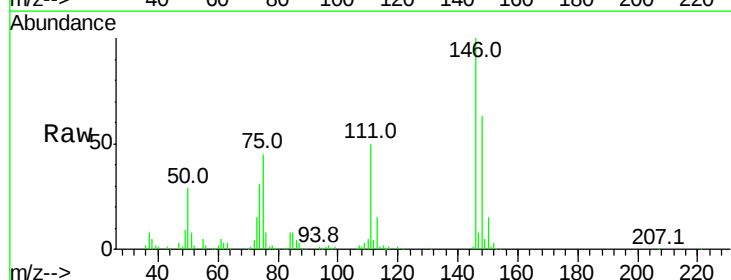
Tgt Ion:146 Resp: 357237

Ion Ratio Lower Upper

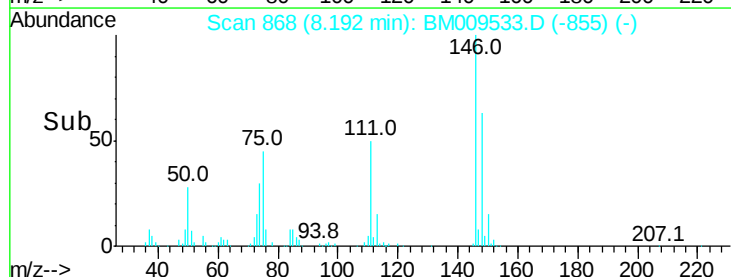
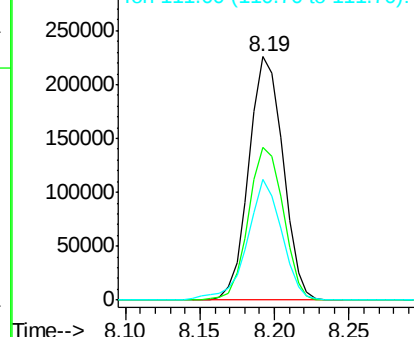
146 100

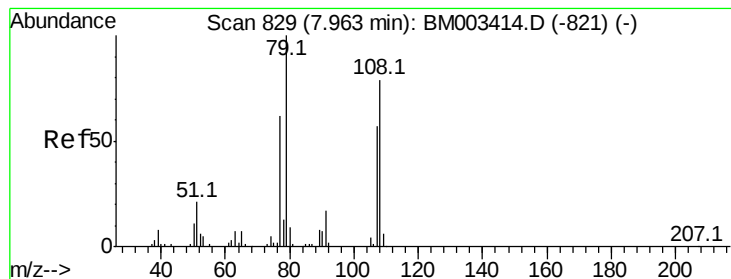
148 62.9 52.3 78.5

111 49.7 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.20 ng

RT: 8.09 min Scan# 850

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

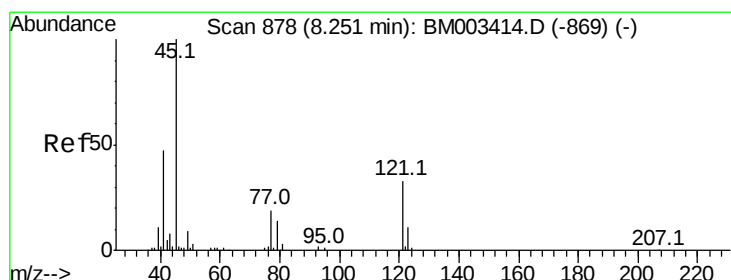
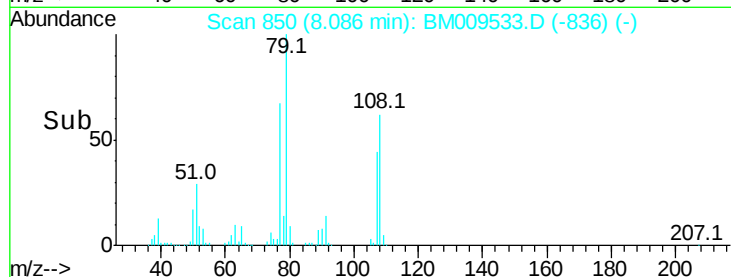
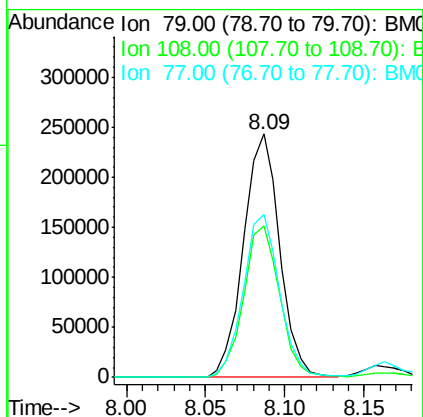
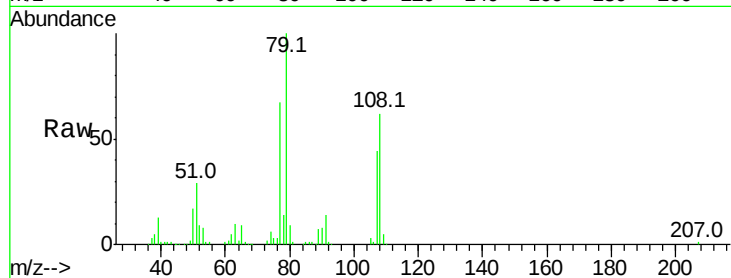
Tot Ion: 79 Resp: 385457

Ion Ratio Lower Upper

79 100

108 62.2 65.0 97.4#

77 66.9 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.15 ng

RT: 8.37 min Scan# 899

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

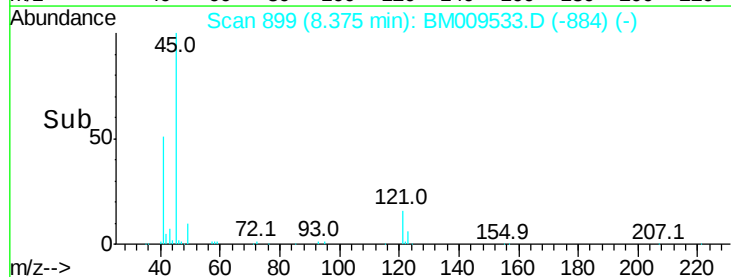
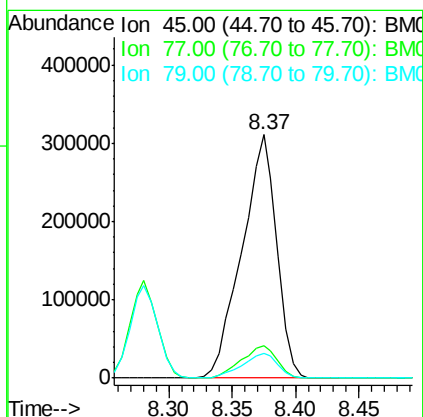
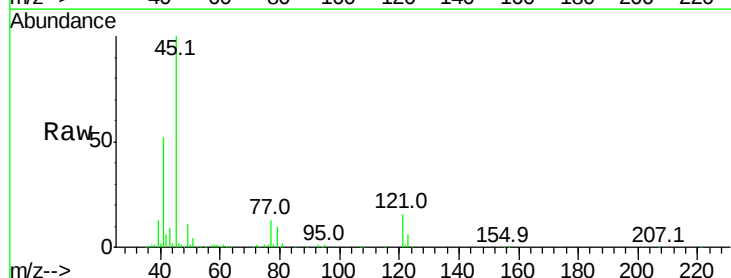
Tgt Ion: 45 Resp: 591579

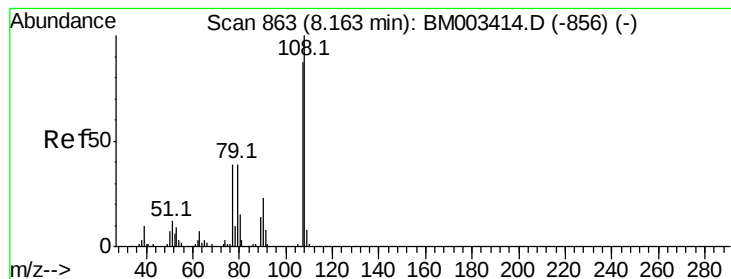
Ion Ratio Lower Upper

45 100

77 13.4 0.0 35.2

79 9.9 0.0 32.0

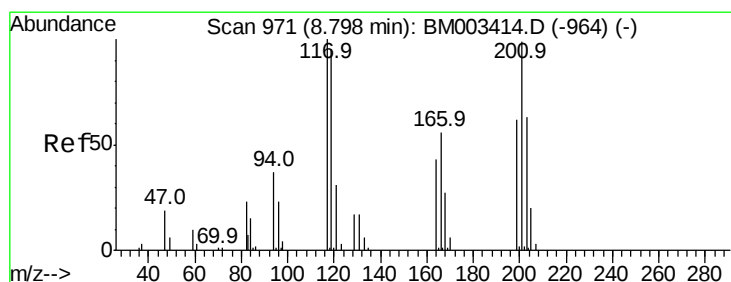
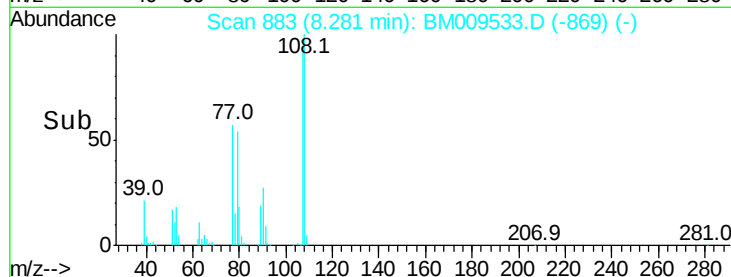
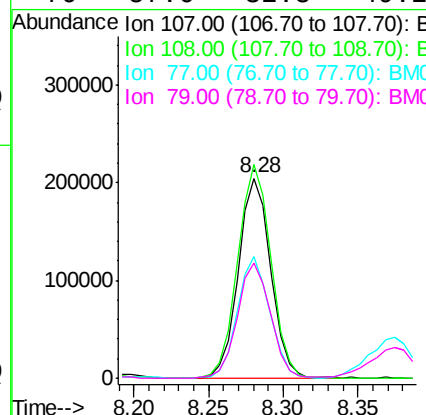
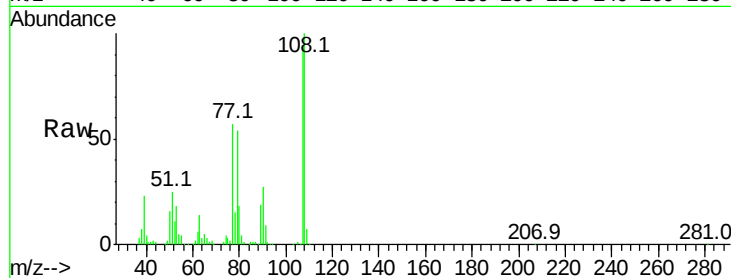




#17
2-Methylphenol
Concen: 45.68 ng
RT: 8.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

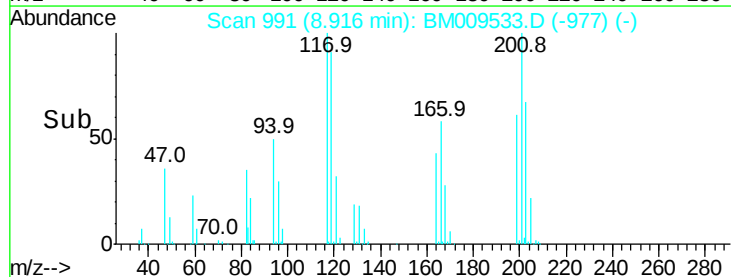
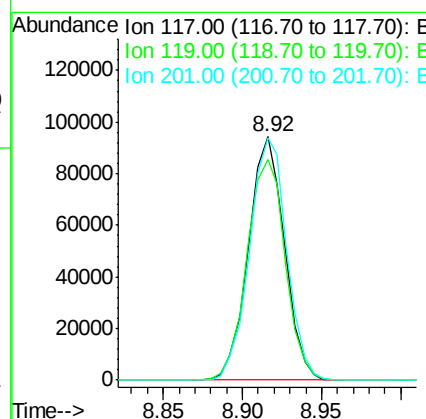
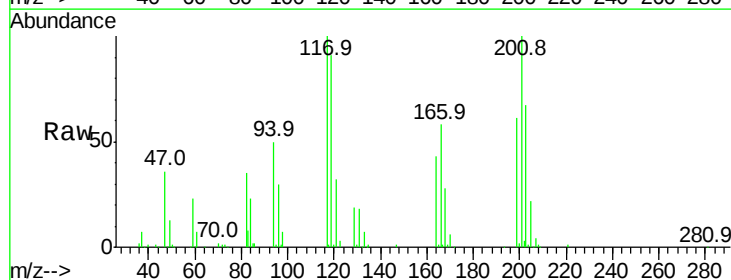
Instrument :
BNA_M
ClientSampleId :
PB98027BS

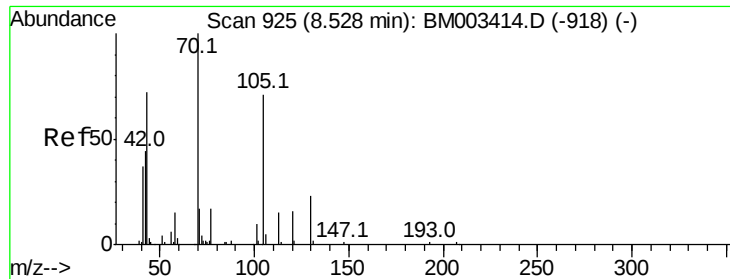
Tot Ion:	107	Resp:	309109
Ion	Ratio	Lower	Upper
107	100		
108	106.9	89.8	134.8
77	60.9	32.6	48.8#
79	57.6	32.8	49.2#



#18
Hexachloroethane
Concen: 41.44 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:	117	Resp:	148809
Ion	Ratio	Lower	Upper
117	100		
119	90.8	79.2	118.8
201	99.5	69.8	104.6

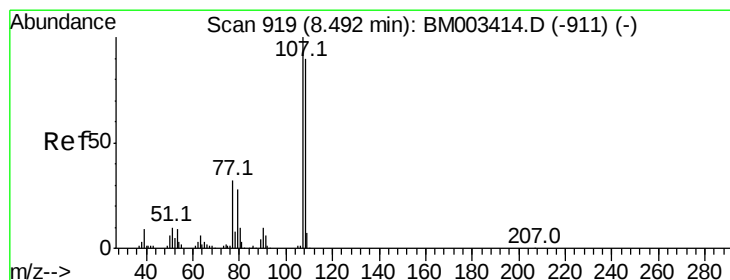
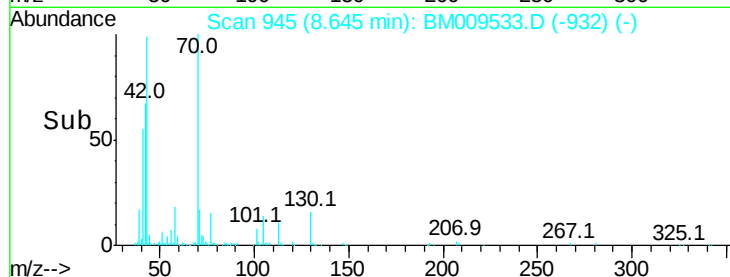
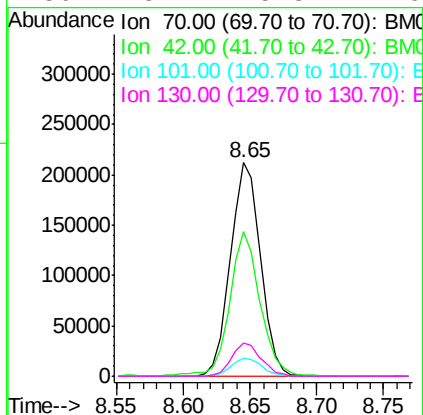
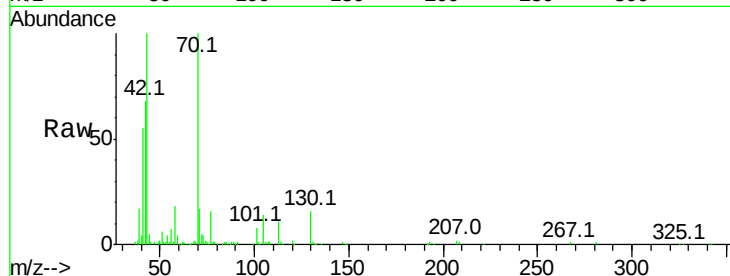




#19
n-Nitroso-di-n-propylamine
Concen: 43.26 ng
RT: 8.65 min Scan# 945
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

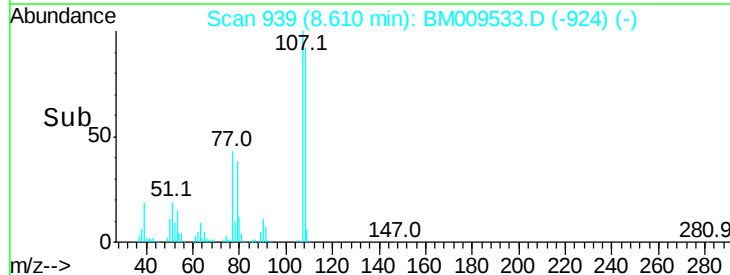
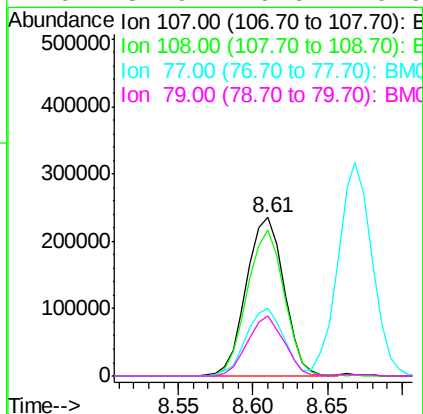
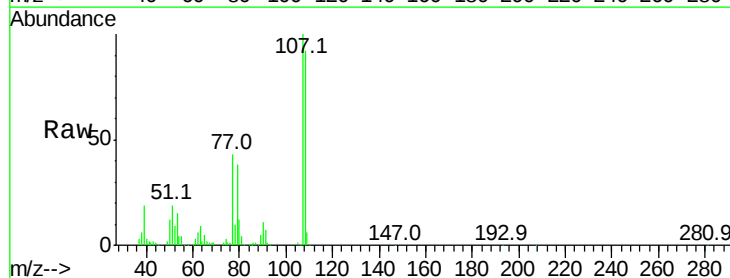
Instrument :
BNA_M
ClientSampleId :
PB98027BS

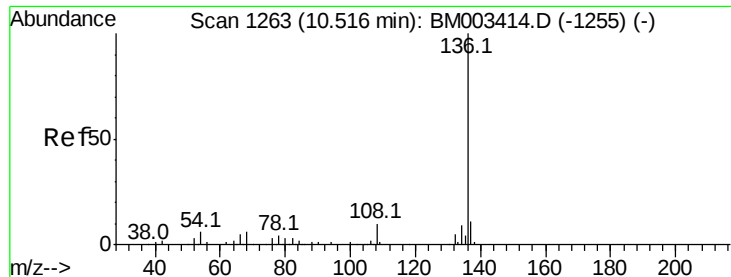
Tot Ion:	70	Resp:	332817
Ion	Ratio	Lower	Upper
70	100		
42	67.7	44.5	66.7#
101	8.4	7.4	11.2
130	15.7	15.3	22.9



#20
3+4-Methylphenols
Concen: 44.96 ng
RT: 8.61 min Scan# 939
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:	107	Resp:	413575
Ion	Ratio	Lower	Upper
107	100		
108	92.3	73.2	113.2
77	42.8	10.7	50.7
79	37.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

Tot Ion:136 Resp: 460378

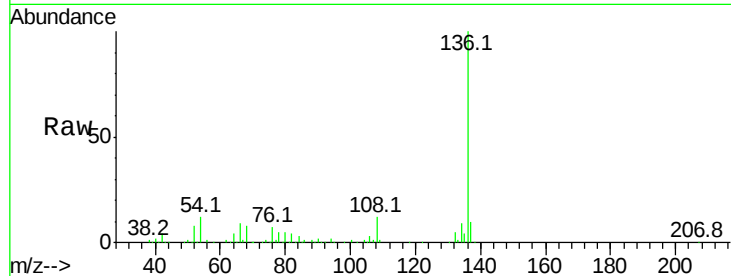
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 12.5 4.6 6.8#

68 7.6 3.7 5.5#

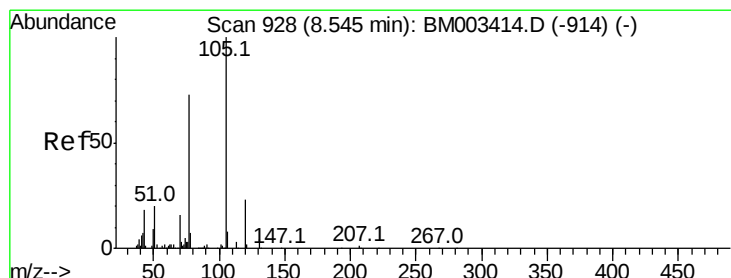
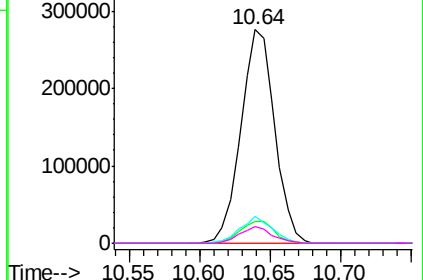
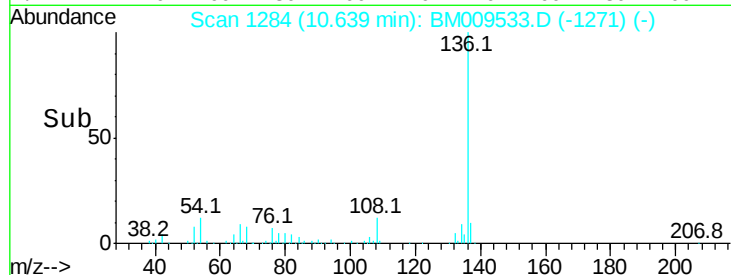


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 43.00 ng

RT: 8.67 min Scan# 949

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:105 Resp: 558321

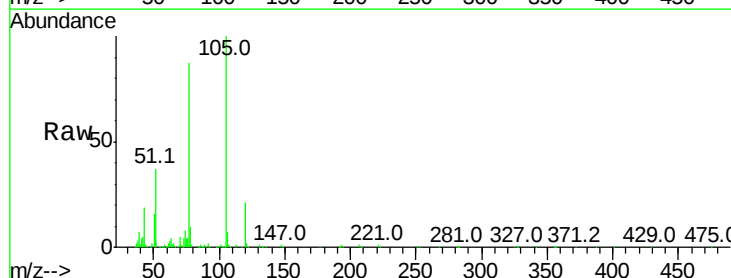
Ion Ratio Lower Upper

105 100

71 0.7 0.6 1.0

51 37.0 21.6 32.4#

120 20.9 16.1 24.1

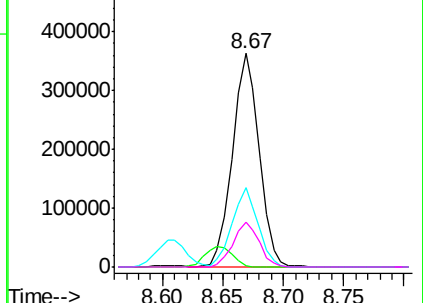
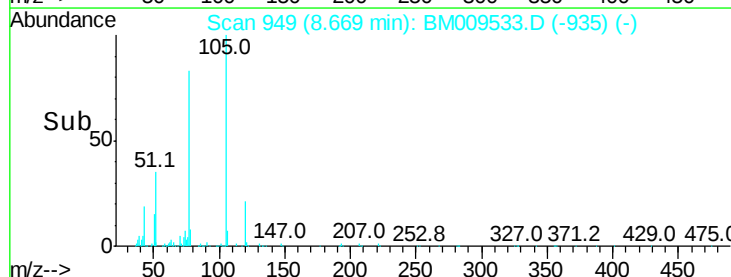


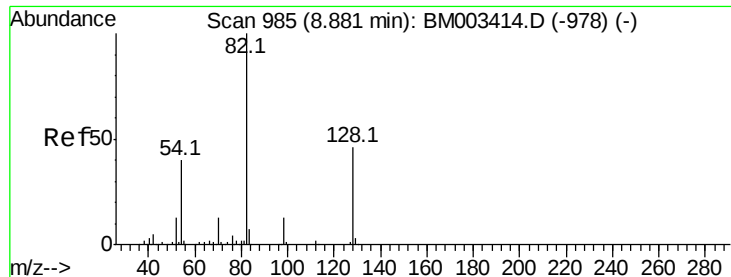
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.63 ng

RT: 9.01 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

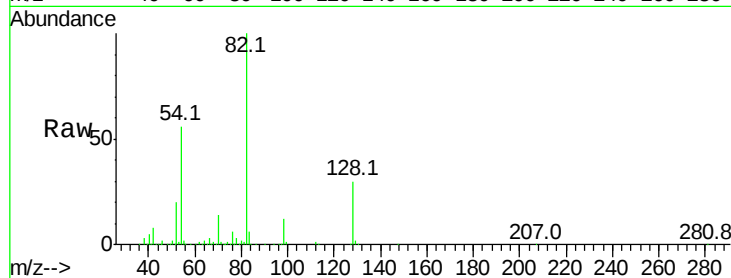
Tot Ion: 82 Resp: 1014615

Ion Ratio Lower Upper

82 100

128 30.5 32.8 49.2#

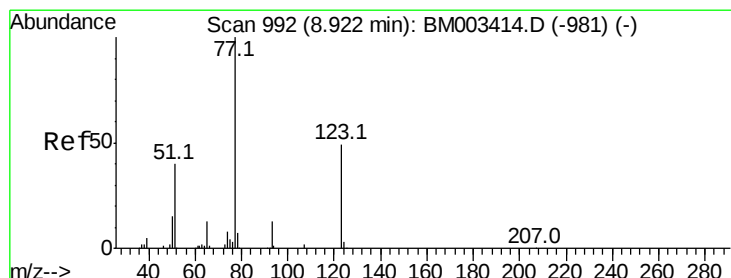
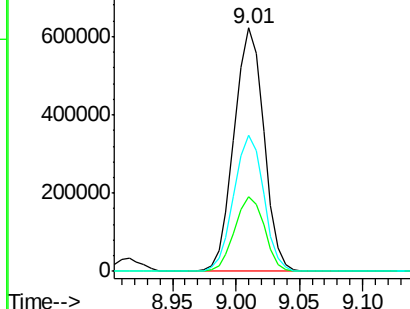
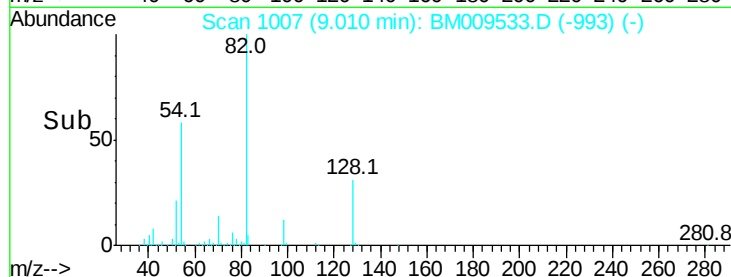
54 56.0 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009533.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BM009533.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM009533.D (-993) (-)



#24

Nitrobenzene

Concen: 42.91 ng

RT: 9.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

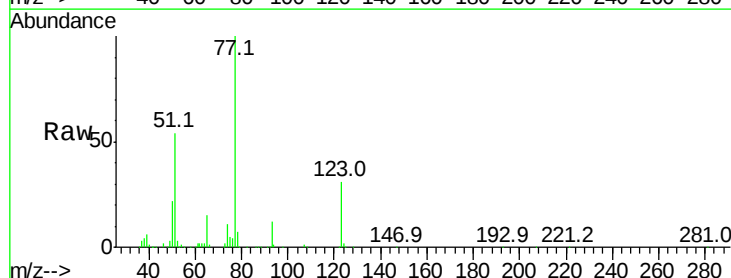
Tgt Ion: 77 Resp: 516146

Ion Ratio Lower Upper

77 100

123 31.4 32.6 49.0#

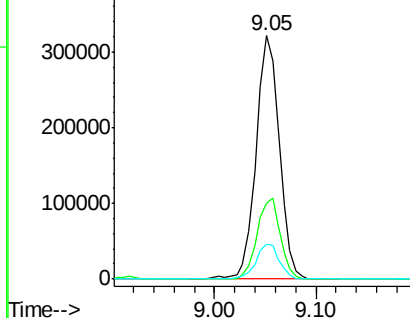
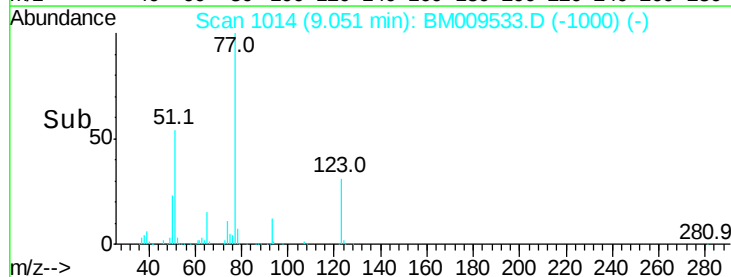
65 14.6 10.9 16.3

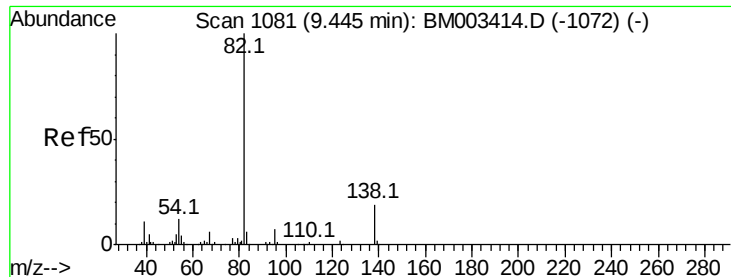


Abundance Ion 77.00 (76.70 to 77.70): BM009533.D (-1000) (-)

Ion 123.00 (122.70 to 123.70): BM009533.D (-1000) (-)

Ion 65.00 (64.70 to 65.70): BM009533.D (-1000) (-)





#25

Isophorone

Concen: 43.87 ng

RT: 9.57 min Scan# 1102

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

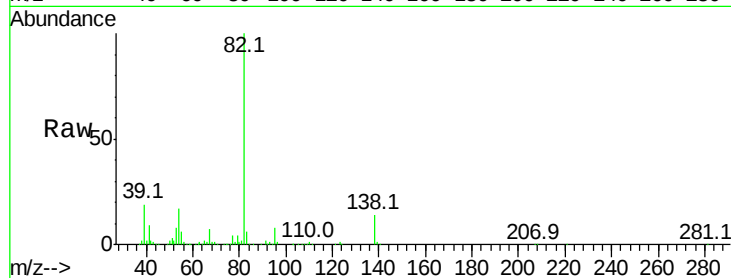
Tot Ion: 82 Resp: 821653

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

138 14.3 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM009533.D (-1088) (-)

Ion 95.00 (94.70 to 95.70): BM009533.D (-1088) (-)

Ion 138.00 (137.70 to 138.70): BM009533.D (-1088) (-)

9.57

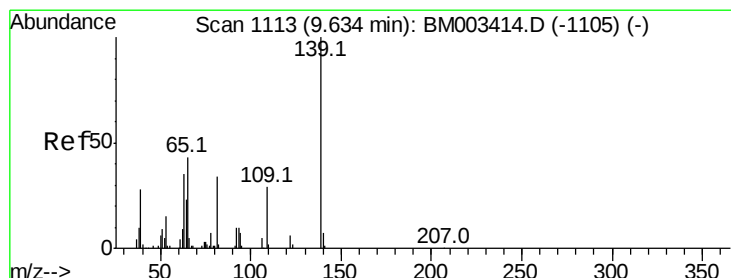
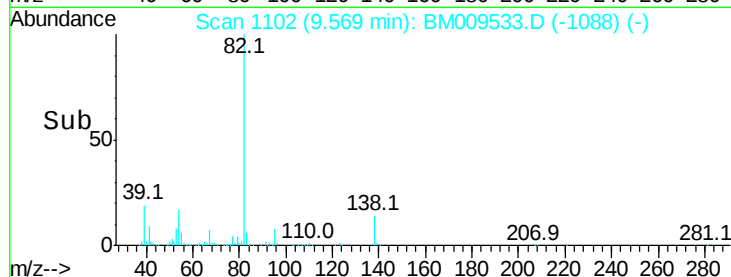
600000

400000

200000

0

Time-->



#26

2-Nitrophenol

Concen: 46.29 ng

RT: 9.76 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

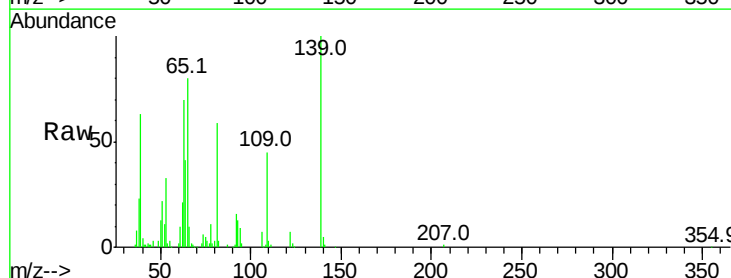
Tgt Ion: 139 Resp: 167936

Ion Ratio Lower Upper

139 100

109 45.3 20.1 30.1#

65 79.9 31.5 47.3#



Abundance Ion 139.00 (138.70 to 139.70): BM009533.D (-1120) (-)

Ion 109.00 (108.70 to 109.70): BM009533.D (-1120) (-)

Ion 65.00 (64.70 to 65.70): BM009533.D (-1120) (-)

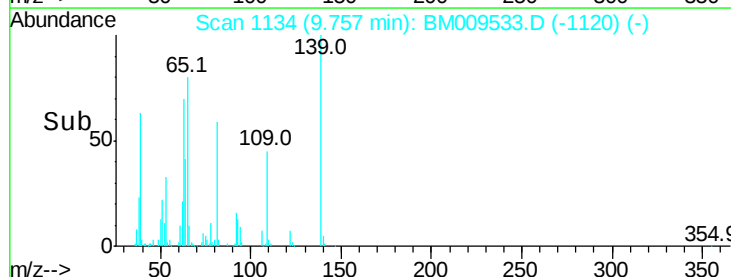
9.76

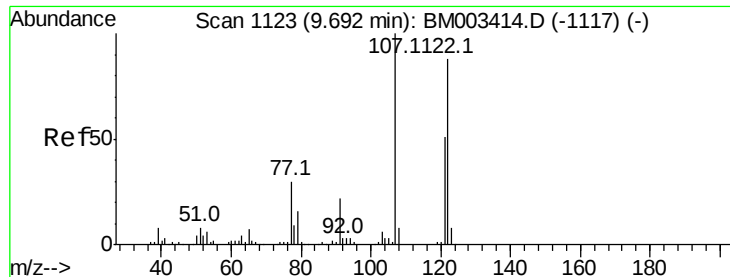
100000

50000

0

Time-->

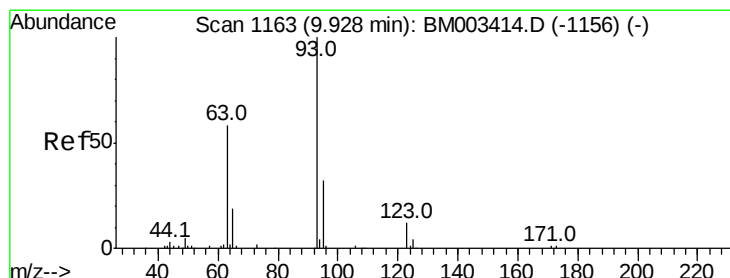
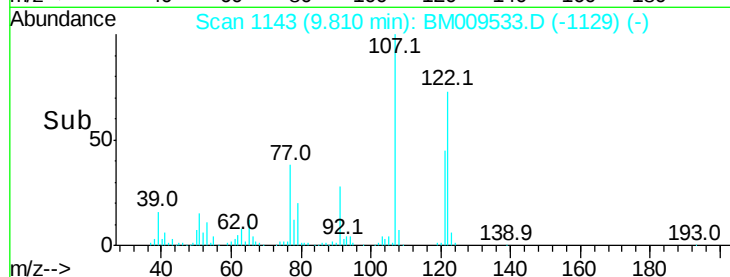
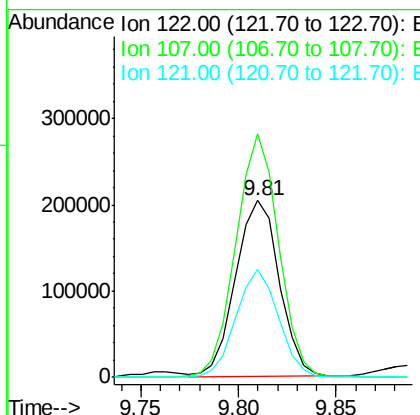
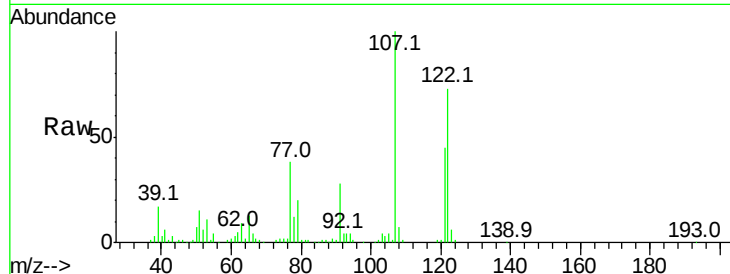




#27
2,4-Dimethylphenol
Concen: 47.82 ng
RT: 9.81 min Scan# 1143
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

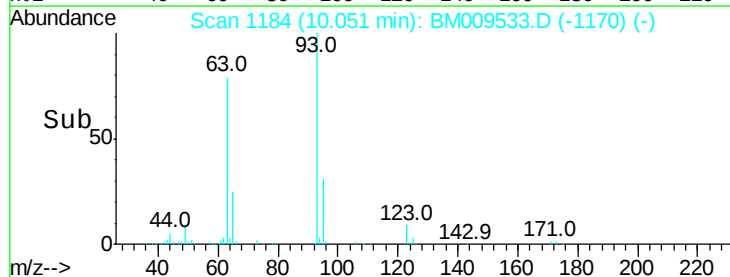
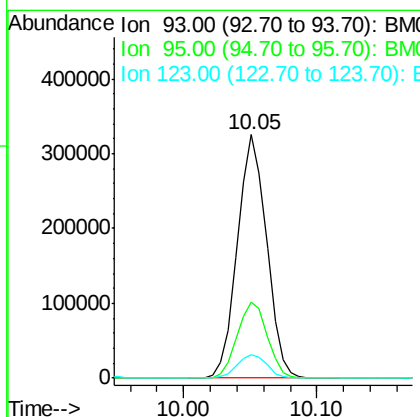
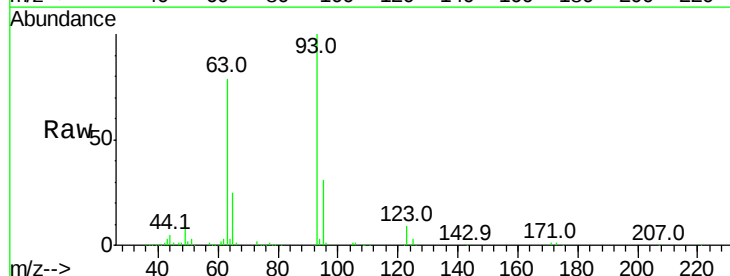
Instrument :
BNA_M
ClientSampleId :
PB98027BS

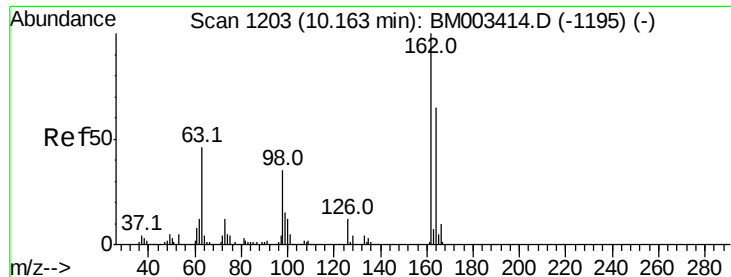
Tot Ion:122 Resp: 317379
Ion Ratio Lower Upper
122 100
107 137.9 84.7 127.1#
121 61.5 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.59 ng
RT: 10.05 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion: 93 Resp: 493917
Ion Ratio Lower Upper
93 100
95 31.3 25.5 38.3
123 9.4 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 46.73 ng

RT: 10.29 min Scan# 1224

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

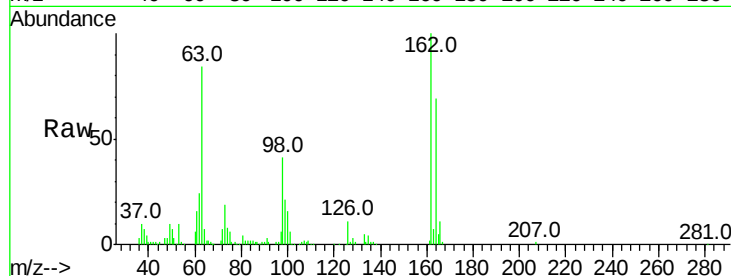
Tot Ion:162 Resp: 324204

Ion Ratio Lower Upper

162 100

164 69.2 42.8 82.8

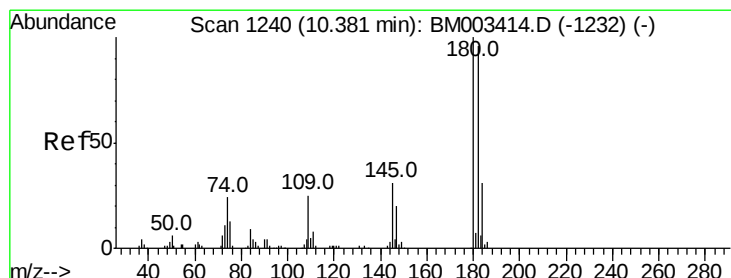
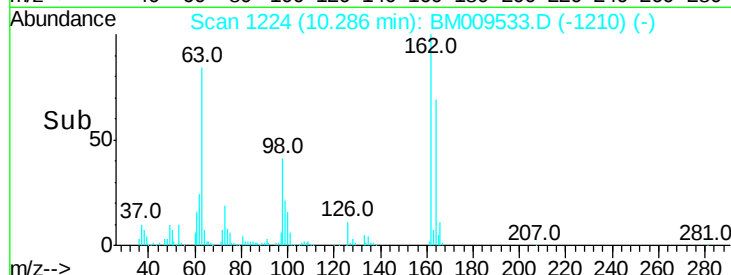
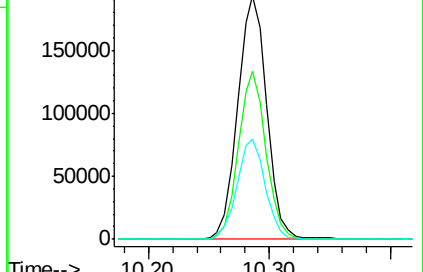
98 41.1 14.5 54.5



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



#30

1,2,4-Trichlorobenzene

Concen: 41.99 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

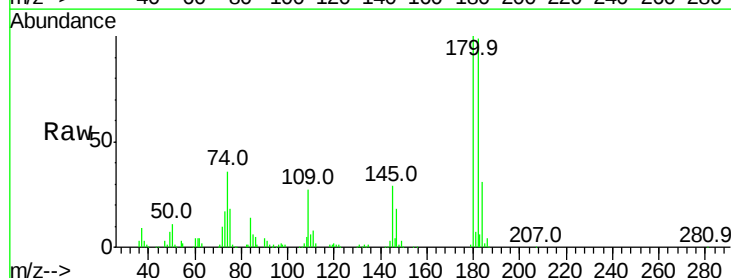
Tgt Ion:180 Resp: 361480

Ion Ratio Lower Upper

180 100

182 99.4 77.6 116.4

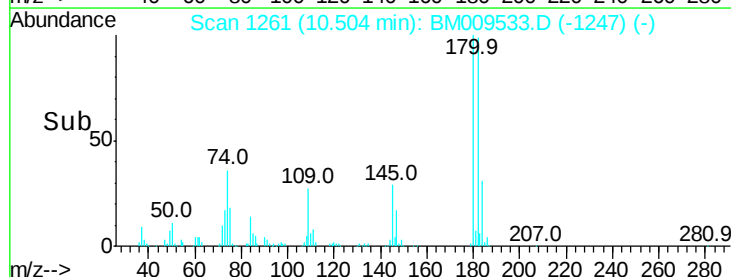
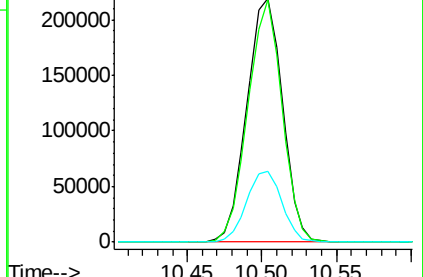
145 29.2 23.4 35.2

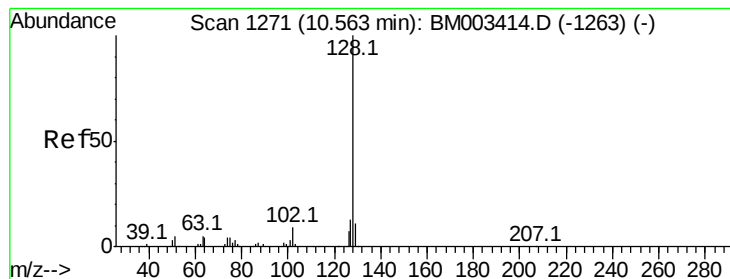


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.39 ng

RT: 10.69 min Scan# 1293

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

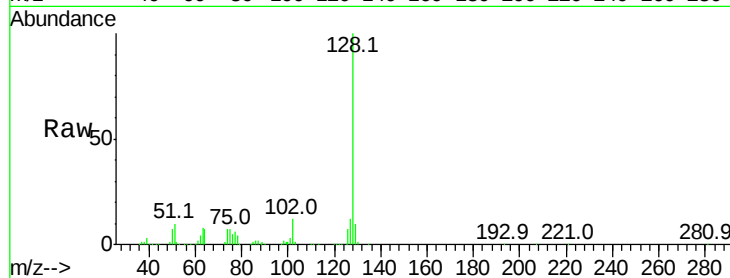
Tot Ion:128 Resp: 1011398

Ion Ratio Lower Upper

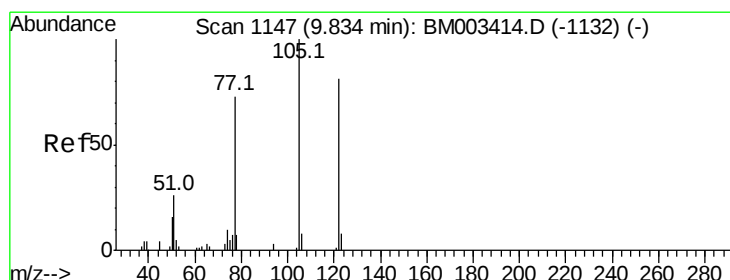
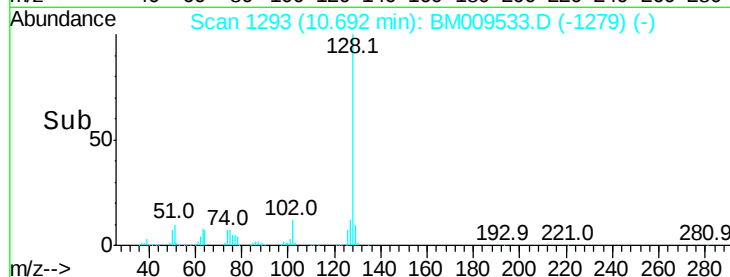
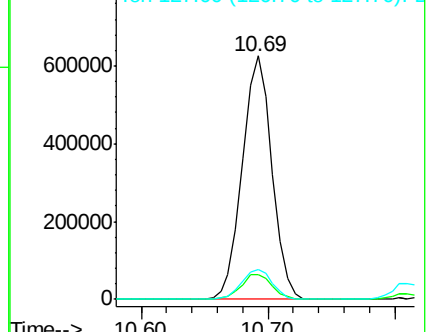
128 100

129 10.4 8.9 13.3

127 12.3 10.4 15.6



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



#32

Benzoic acid

Concen: 34.91 ng

RT: 9.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

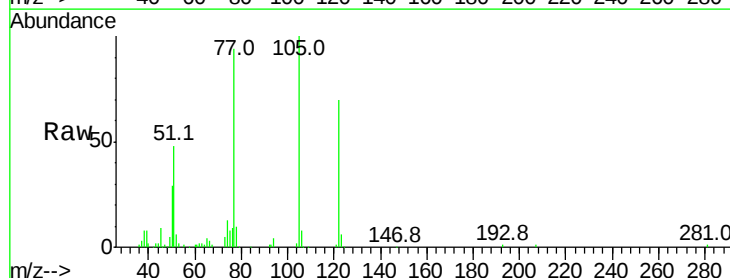
Tgt Ion:122 Resp: 160229

Ion Ratio Lower Upper

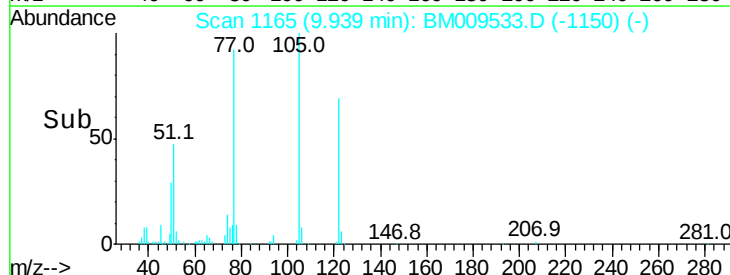
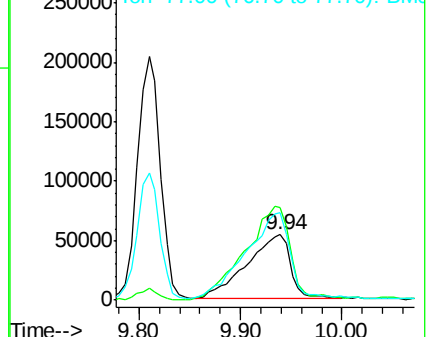
122 100

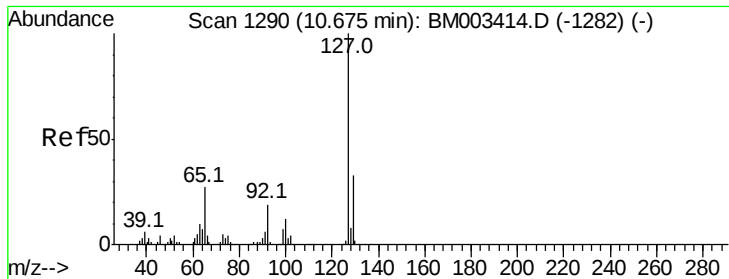
105 142.0 99.9 139.9#

77 133.0 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

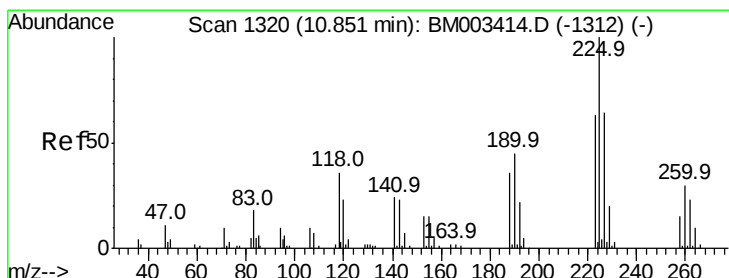
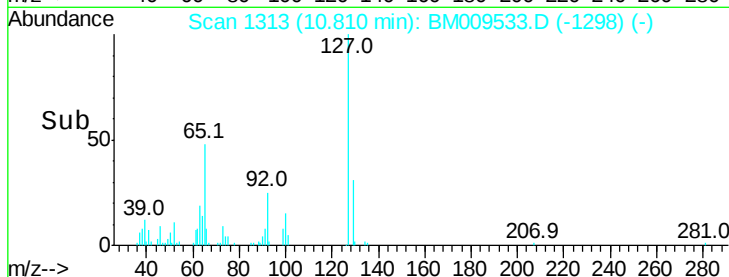
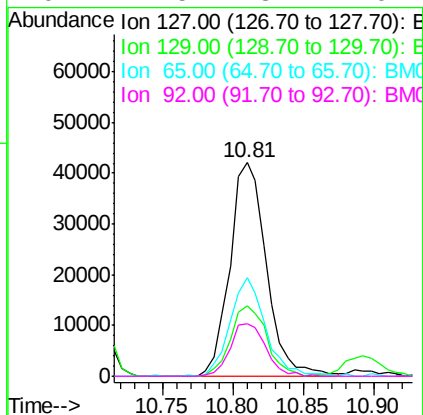
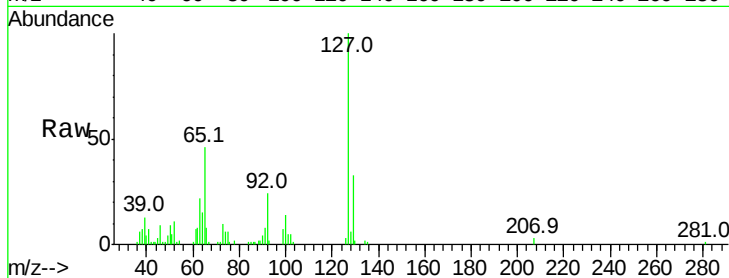




#33
4-Chloroaniline
Concen: 8.08 ng
RT: 10.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

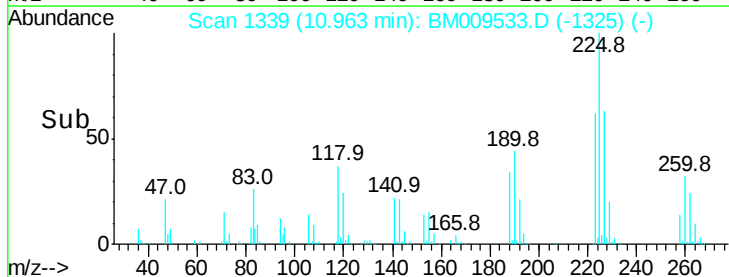
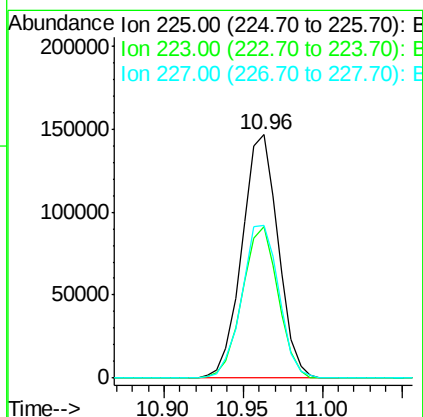
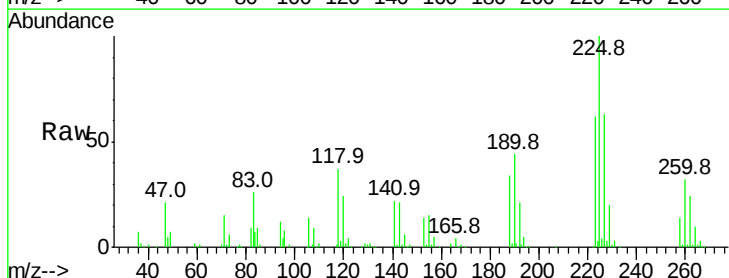
Instrument :
BNA_M
ClientSampleId :
PB98027BS

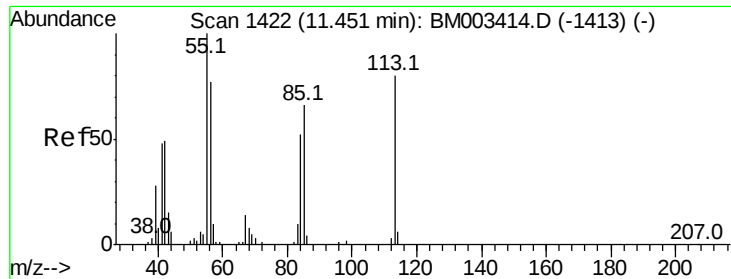
Tot Ion	Ratio	Lower	Upper
127	100		
129	33.2	25.3	37.9
65	46.2	17.6	26.4
92	24.5	13.1	19.7



#34
Hexachlorobutadiene
Concen: 39.37 ng
RT: 10.96 min Scan# 1339
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.9	71.9
227	62.9	50.1	75.1





#35

Caprolactam

Concen: 41.91 ng

RT: 11.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

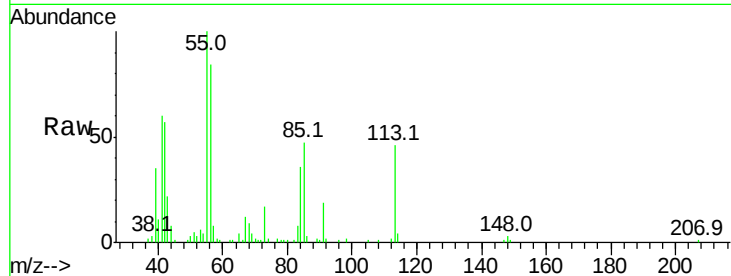
Tot Ion:113 Resp: 88776

Ion Ratio Lower Upper

113 100

55 218.6 145.9 185.9#

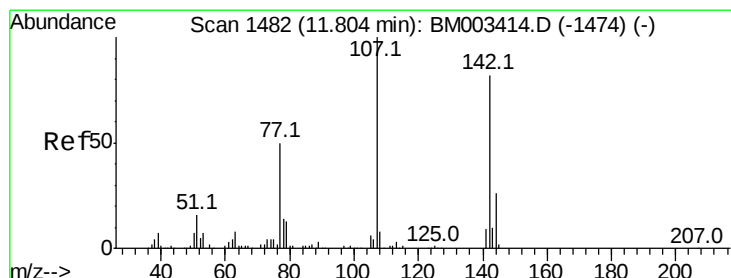
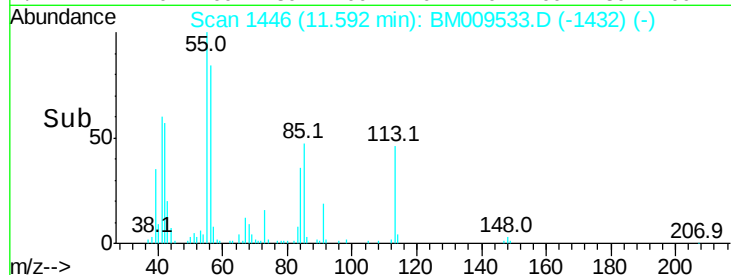
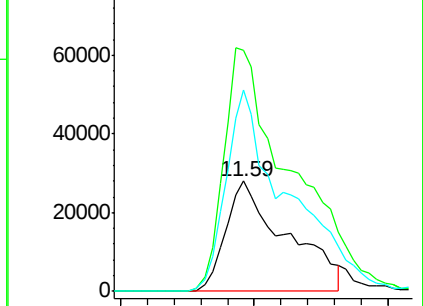
56 182.9 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 47.13 ng

RT: 11.92 min Scan# 1502

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

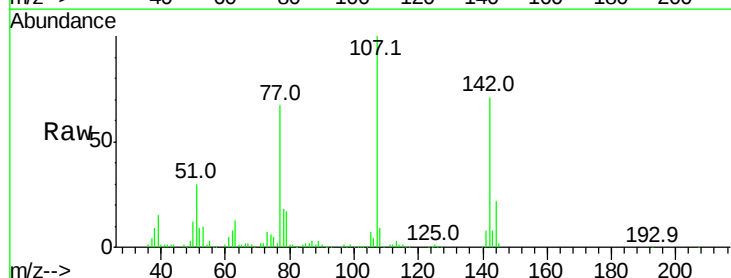
Tgt Ion:107 Resp: 369963

Ion Ratio Lower Upper

107 100

144 22.4 23.3 34.9#

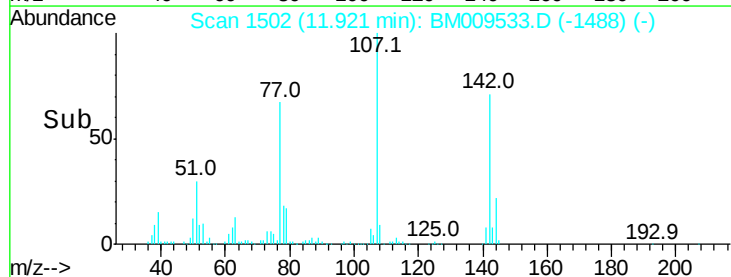
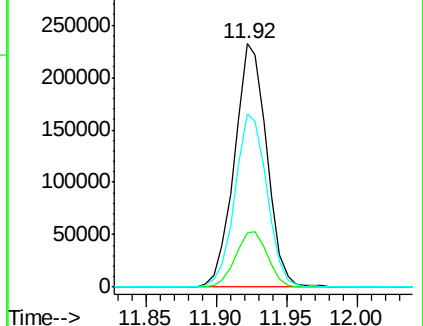
142 71.0 72.6 109.0#

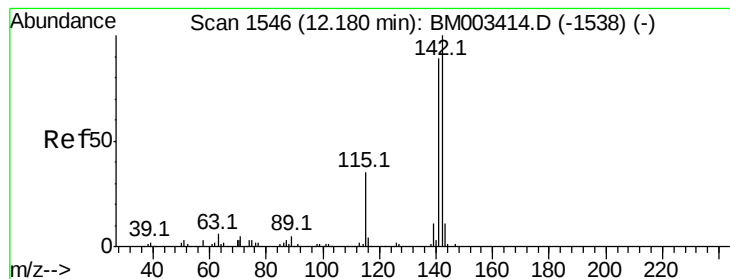


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.18 ng

RT: 12.30 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

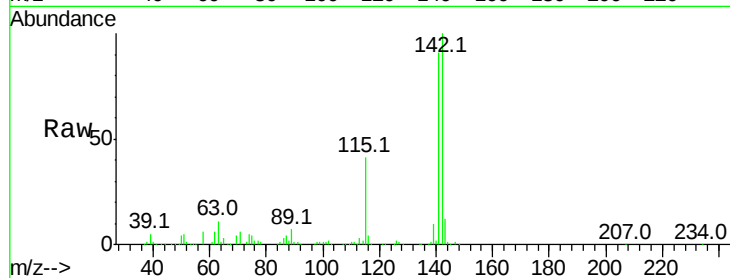
Tot Ion:142 Resp: 745205

Ion Ratio Lower Upper

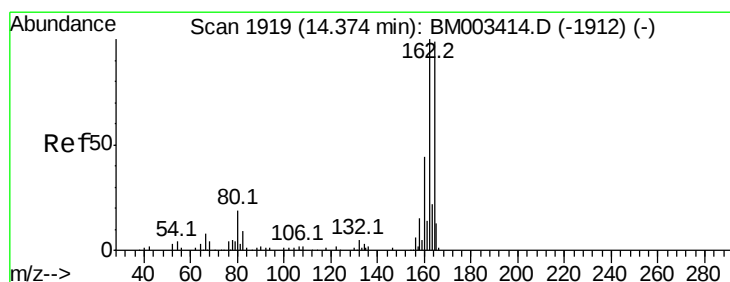
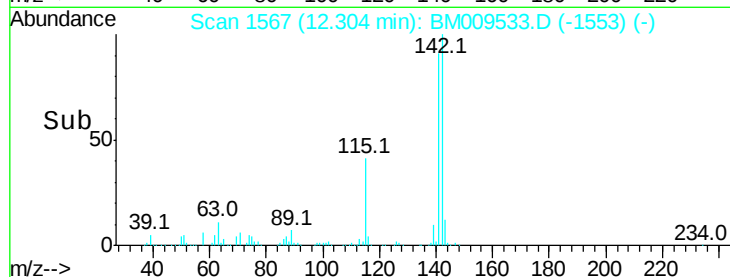
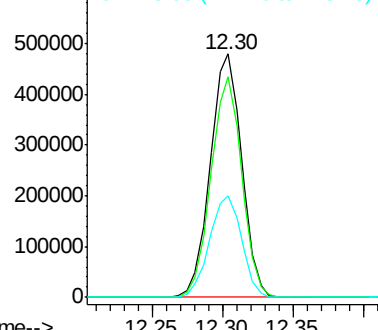
142 100

141 90.8 71.9 107.9

115 41.5 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

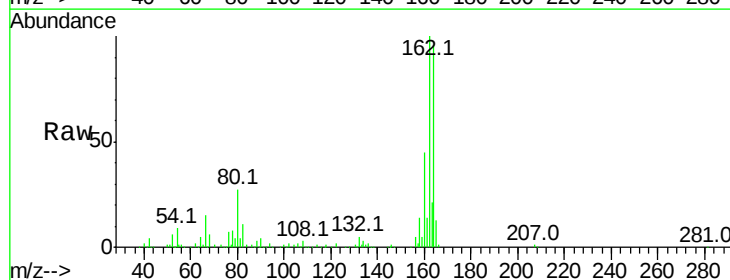
Tgt Ion:164 Resp: 274312

Ion Ratio Lower Upper

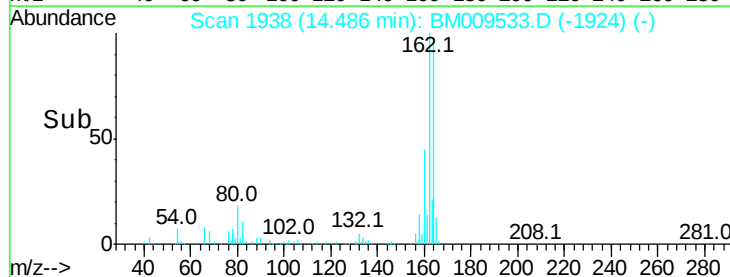
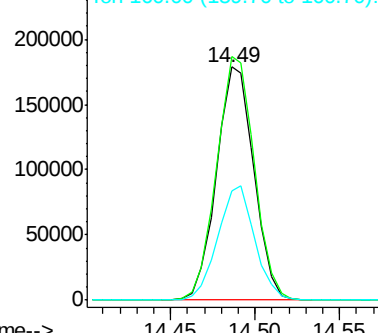
164 100

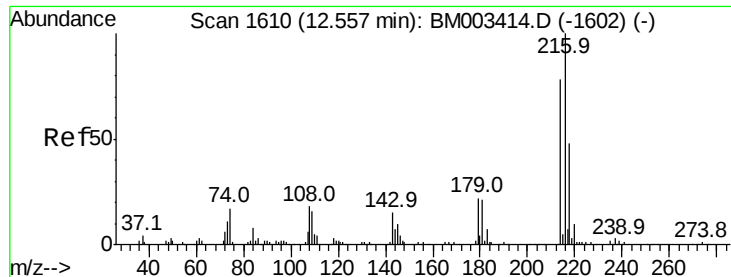
162 104.6 82.4 123.6

160 46.7 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

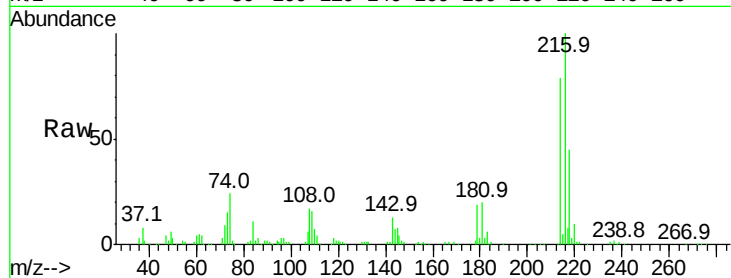




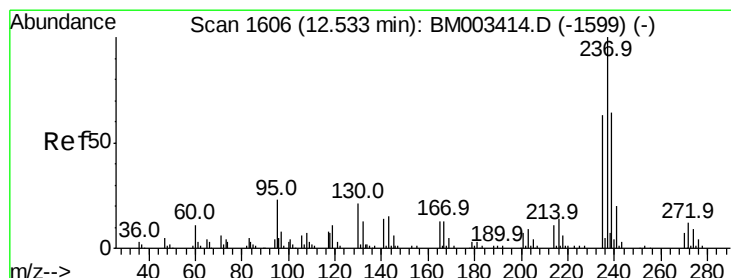
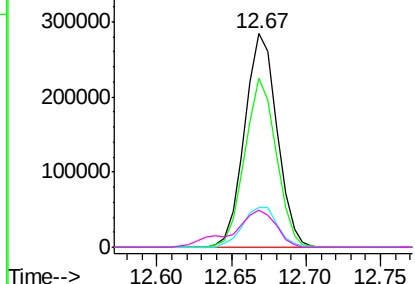
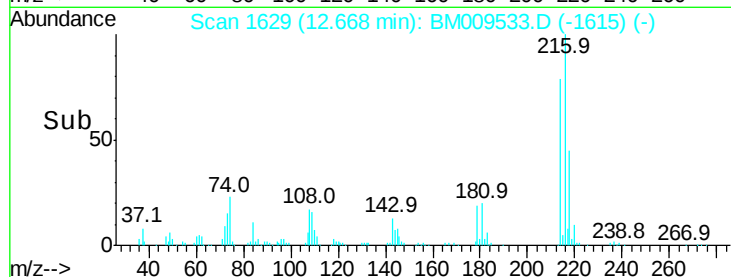
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.10 ng
 RT: 12.67 min Scan# 1629
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion:	216	Resp:	425647
Ion	Ratio	Lower	Upper
216	100		
214	76.4	0.0	0.0#
179	20.1	0.0	0.0#
108	23.4	0.0	0.0#

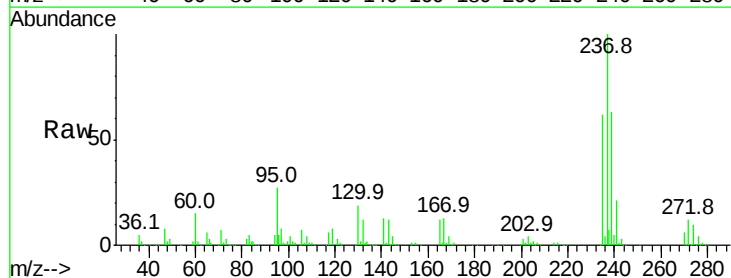


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

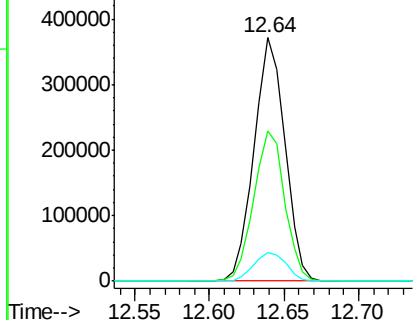
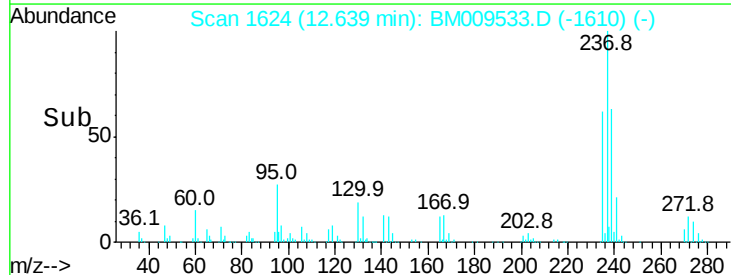


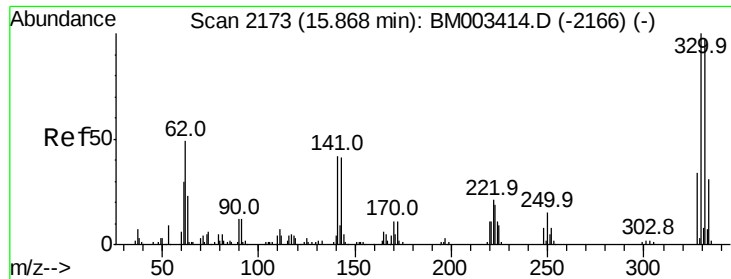
#40
 Hexachlorocyclopentadiene
 Concen: 89.22 ng
 RT: 12.64 min Scan# 1624
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:	237	Resp:	530317
Ion	Ratio	Lower	Upper
237	100		
235	61.9	42.0	82.0
272	11.7	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 151.98 ng

RT: 15.98 min Scan# 2192

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleID :

PB98027BS

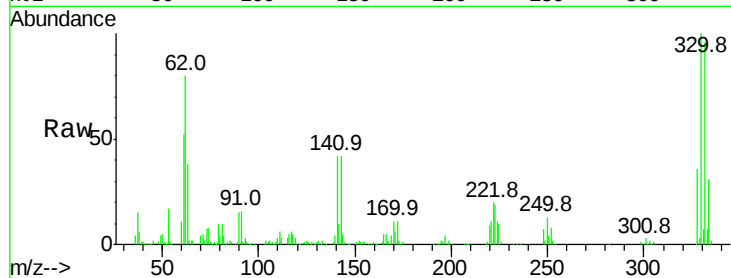
Tot Ion:330 Resp: 517901

Ion Ratio Lower Upper

330 100

332 96.0 0.0 0.0#

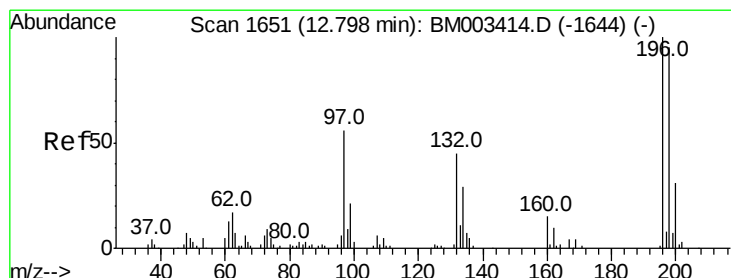
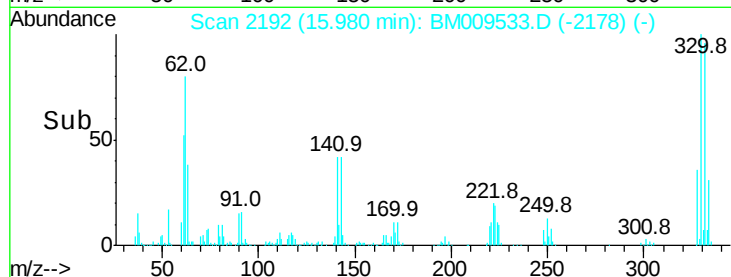
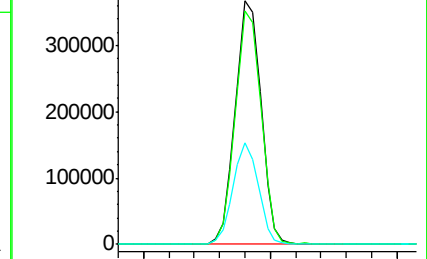
141 41.2 0.0 0.0#



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 47.42 ng

RT: 12.92 min Scan# 1671

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

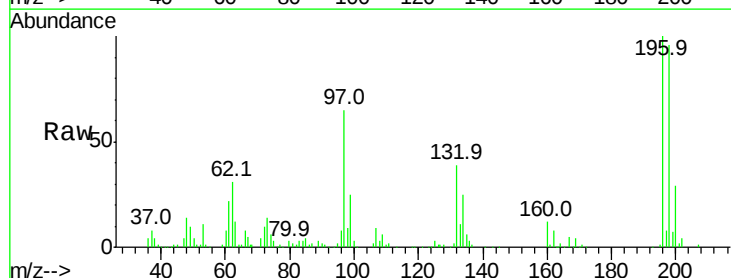
Tgt Ion:196 Resp: 280818

Ion Ratio Lower Upper

196 100

198 95.9 76.3 114.5

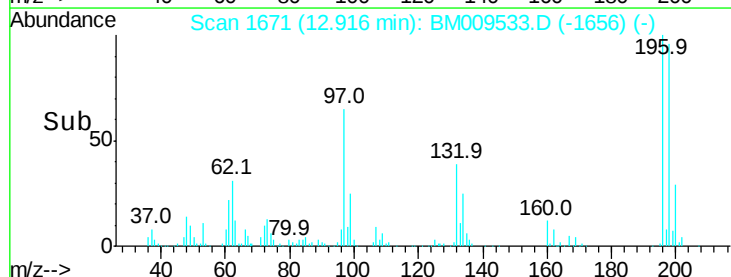
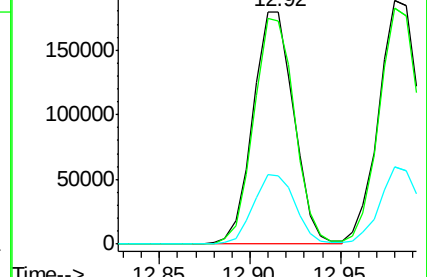
200 29.3 25.6 38.4

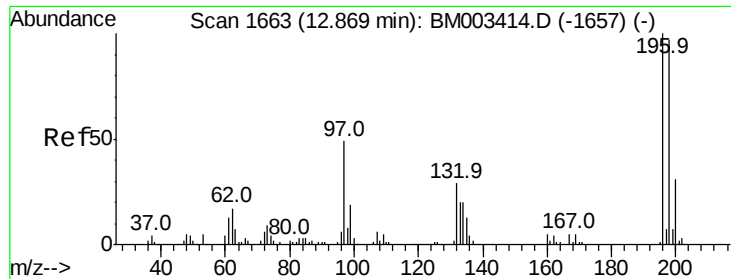


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

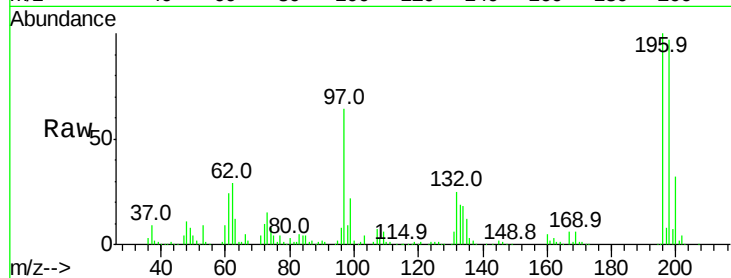




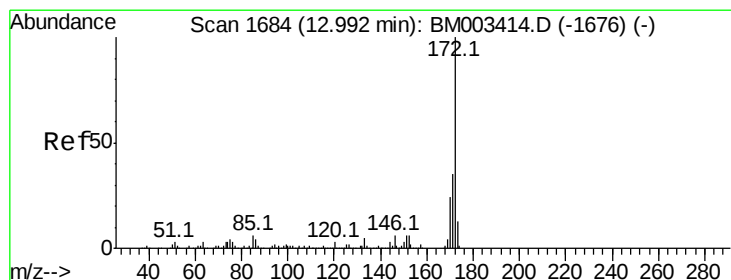
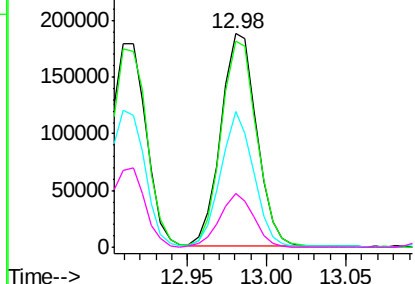
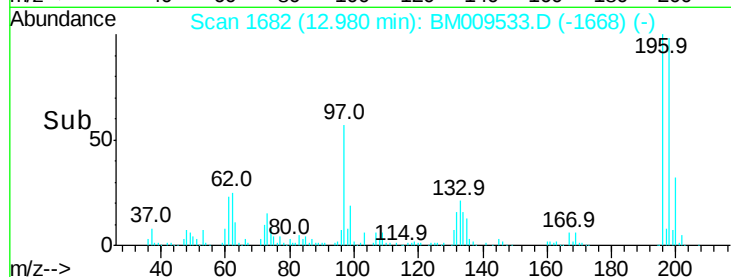
#43
 2,4,5-Trichlorophenol
 Concen: 44.49 ng
 RT: 12.98 min Scan# 1682
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion:196 Resp: 293960
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.4 119.0
 97 63.5 26.8 40.2#
 132 25.4 18.6 28.0

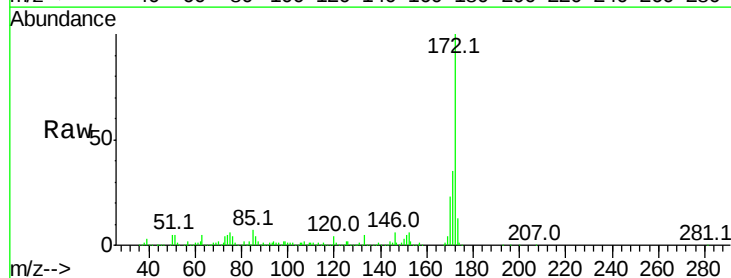


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

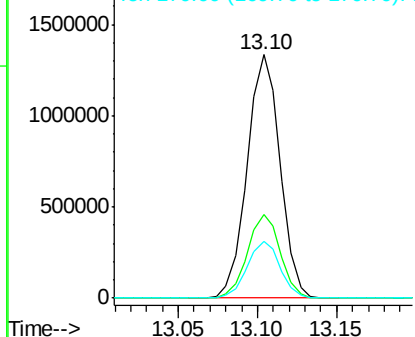
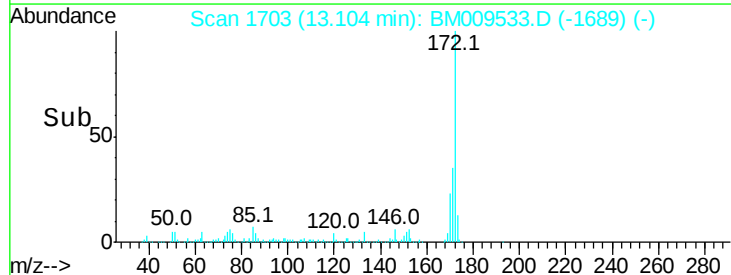


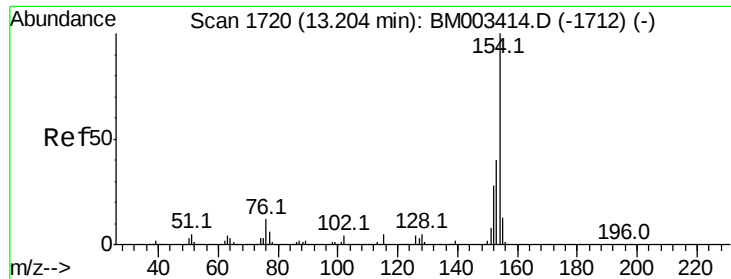
#44
 2-Fluorobiphenyl
 Concen: 84.53 ng
 RT: 13.10 min Scan# 1703
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:172 Resp: 1924302
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.5 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

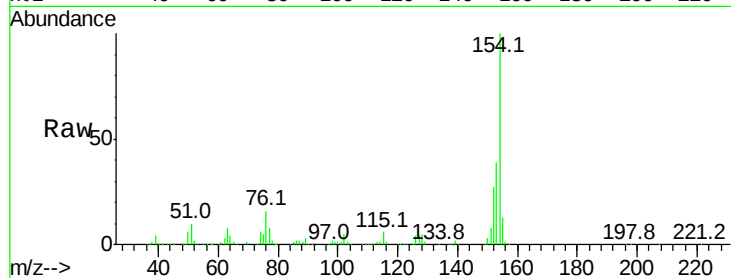




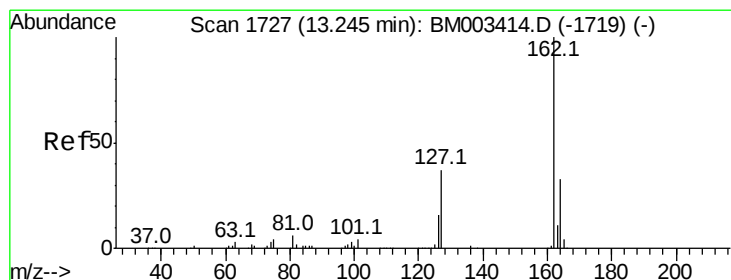
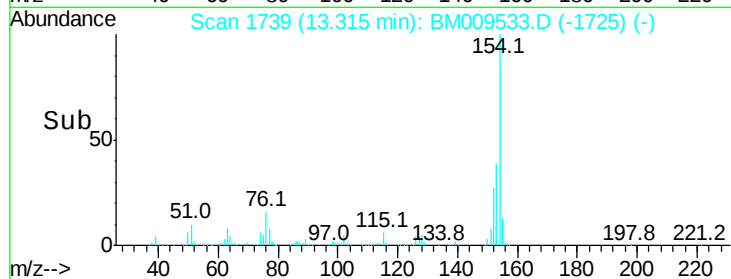
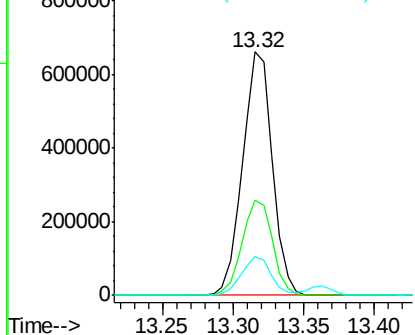
#45
 1,1'-Biphenyl
 Concen: 42.73 ng
 RT: 13.32 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	15.8	0.0	30.9

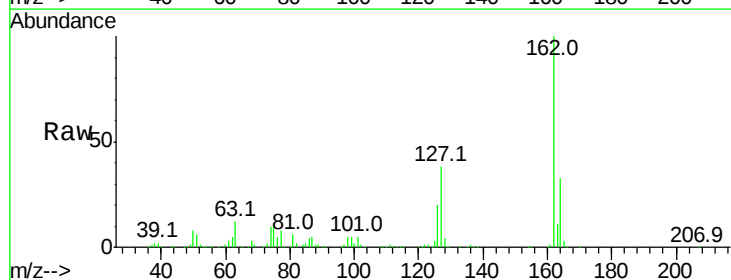


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

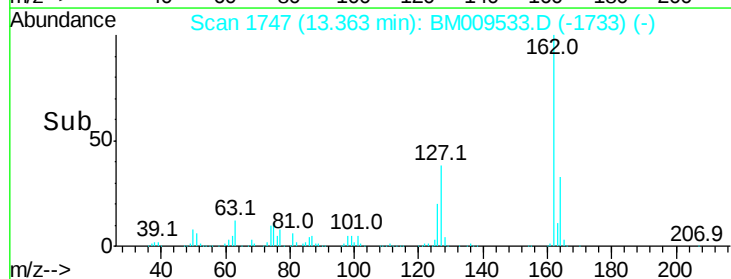
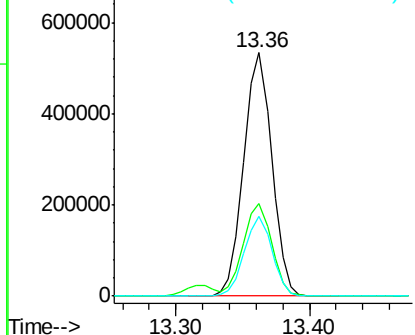


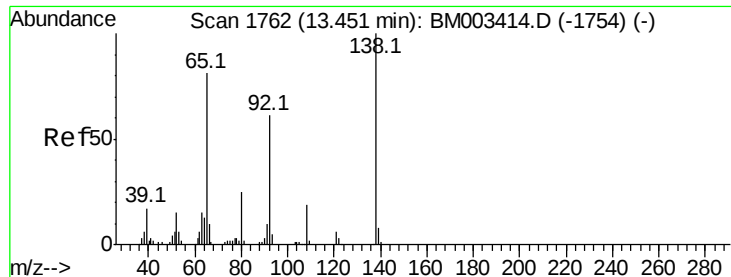
#46
 2-Chloronaphthalene
 Concen: 43.93 ng
 RT: 13.36 min Scan# 1747
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	26.9	40.3
164	32.5	26.8	40.2



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





#47

2-Nitroaniline

Concen: 47.52 ng

RT: 13.57 min Scan# 1783

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

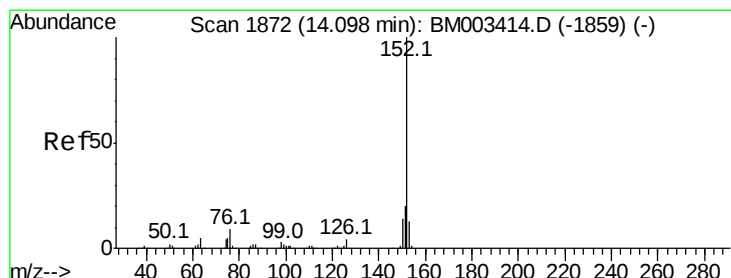
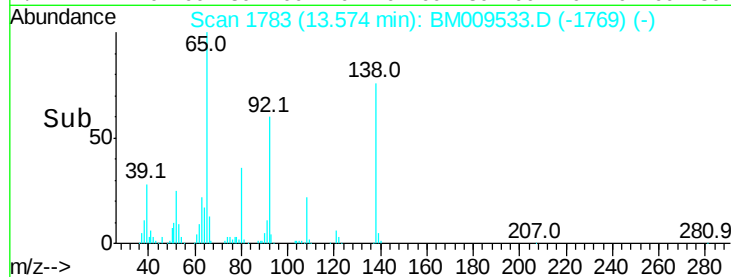
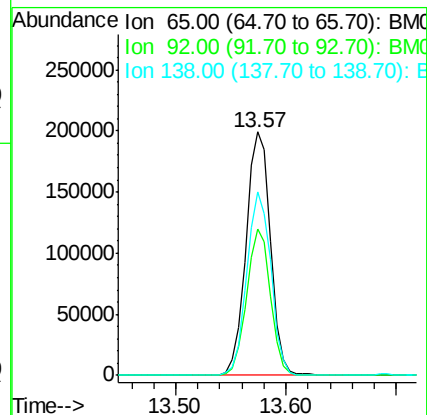
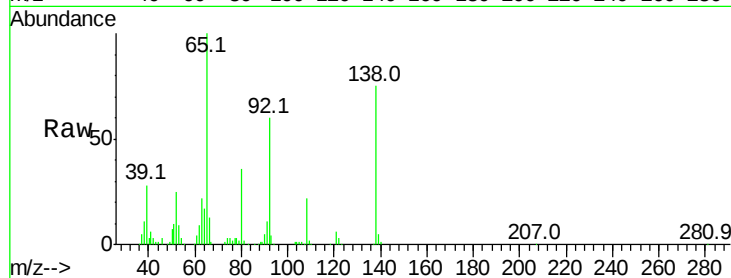
Tot Ion: 65 Resp: 310429

Ion Ratio Lower Upper

65 100

92 60.1 59.1 88.7

138 75.4 93.9 140.9#



#48

Acenaphthylene

Concen: 42.63 ng

RT: 14.21 min Scan# 1891

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

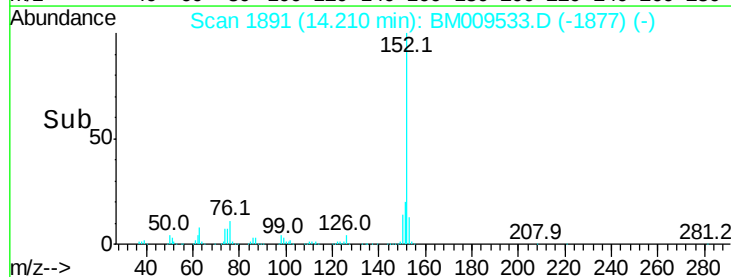
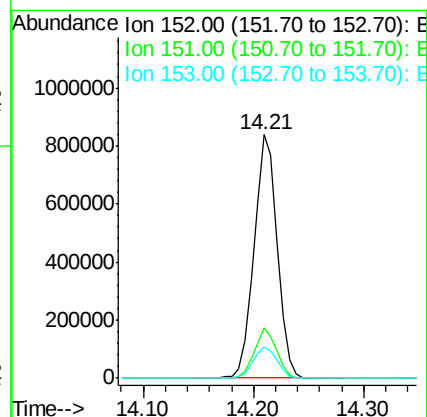
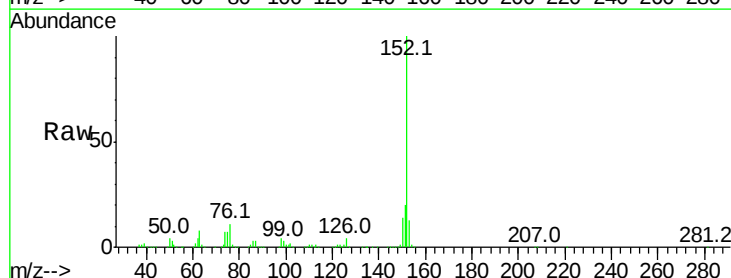
Tgt Ion: 152 Resp: 1231340

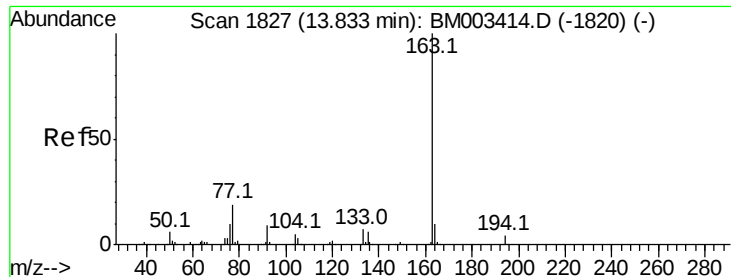
Ion Ratio Lower Upper

152 100

151 20.5 15.9 23.9

153 12.8 10.6 16.0





#49

Dimethylphthalate

Concen: 46.03 ng

RT: 13.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

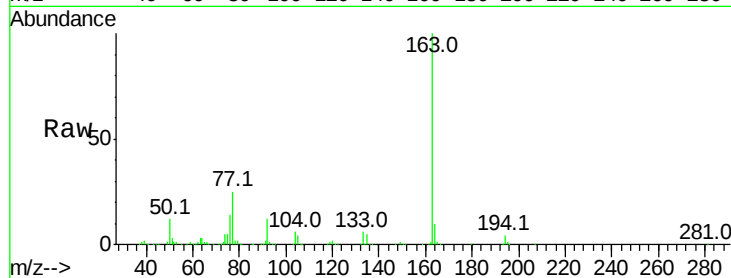
Tot Ion:163 Resp: 969520

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

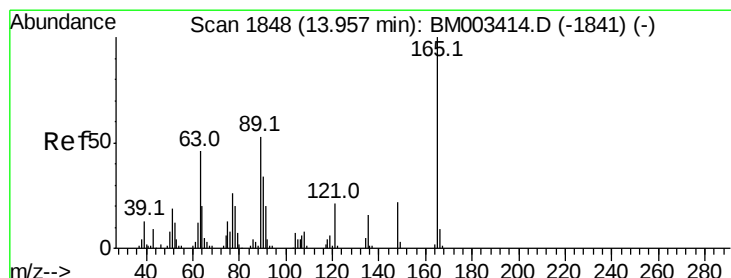
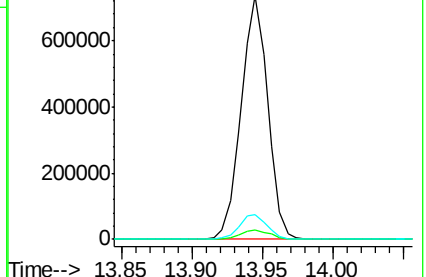
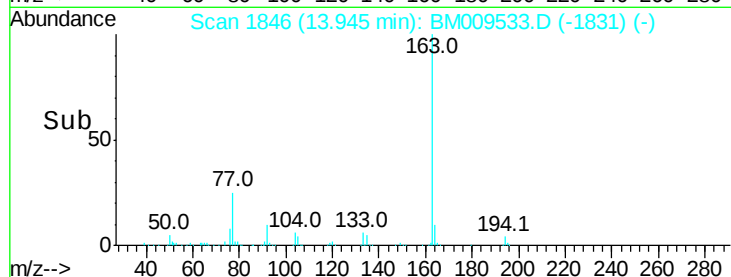
164 10.4 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 45.64 ng

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

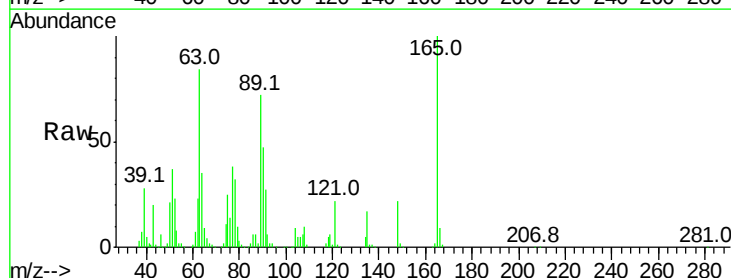
Tgt Ion:165 Resp: 207121

Ion Ratio Lower Upper

165 100

63 83.6 44.1 66.1#

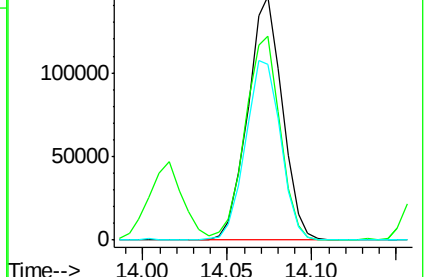
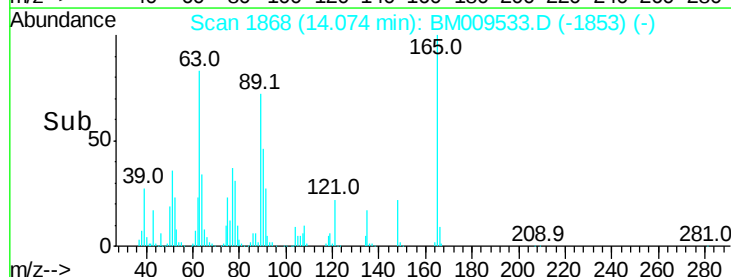
89 72.1 44.3 66.5#

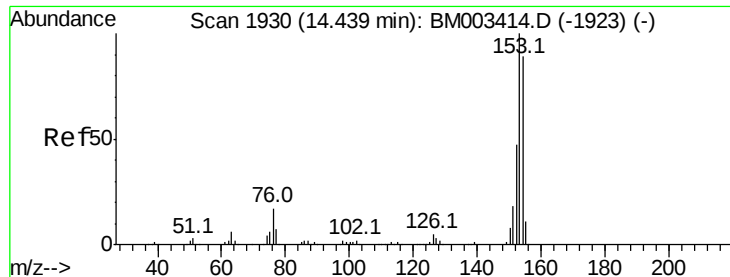


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 42.33 ng

RT: 14.55 min Scan# 1949

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

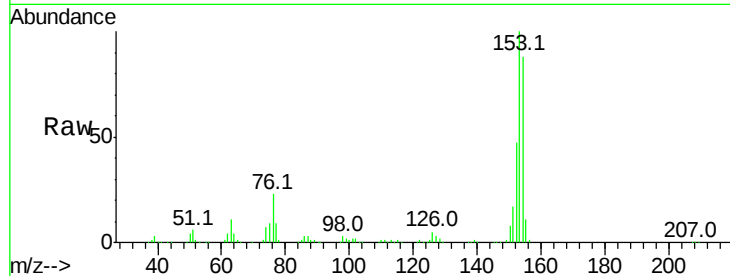
Tot Ion:154 Resp: 737719

Ion Ratio Lower Upper

154 100

153 114.1 90.0 135.0

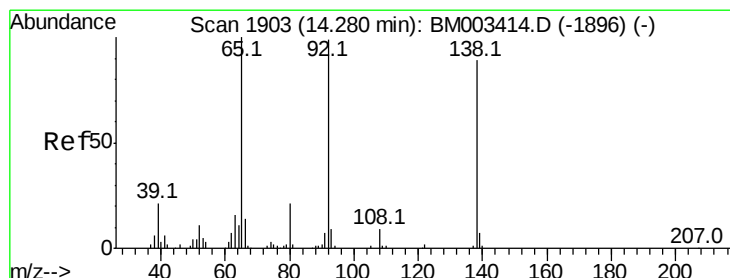
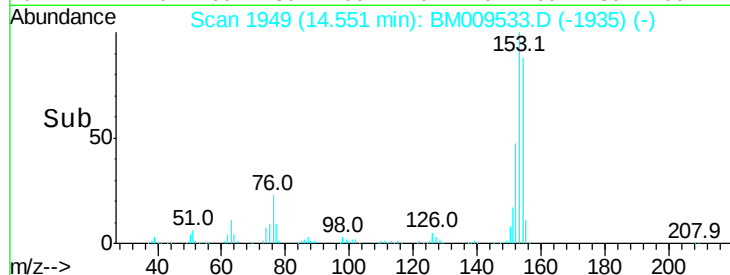
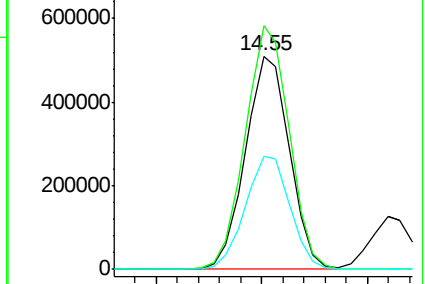
152 53.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.31 ng

RT: 14.40 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

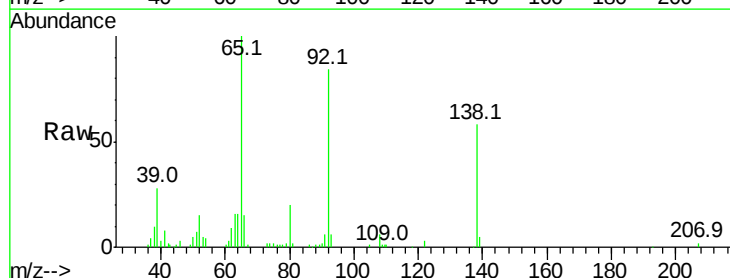
Tgt Ion:138 Resp: 72942

Ion Ratio Lower Upper

138 100

108 11.0 7.3 10.9#

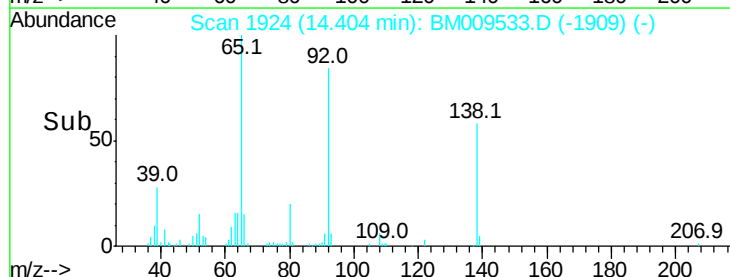
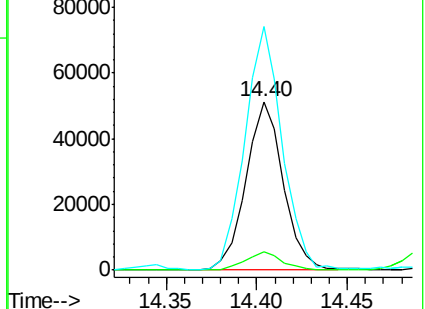
92 144.8 76.6 114.8#

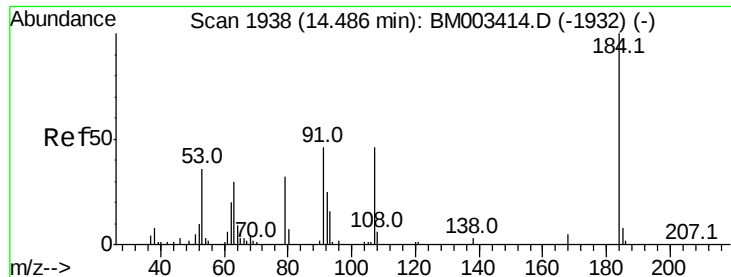


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

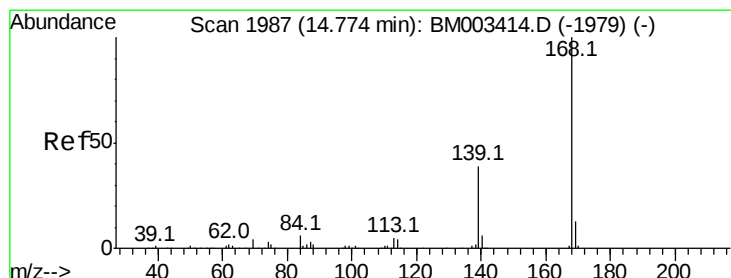
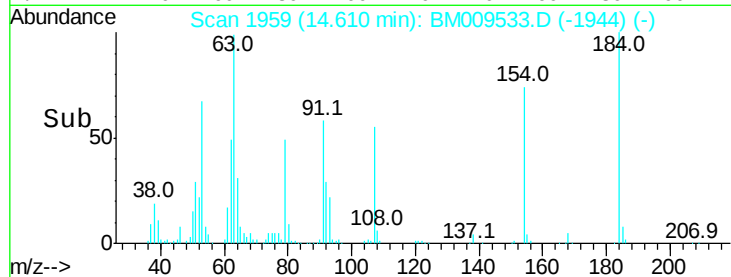
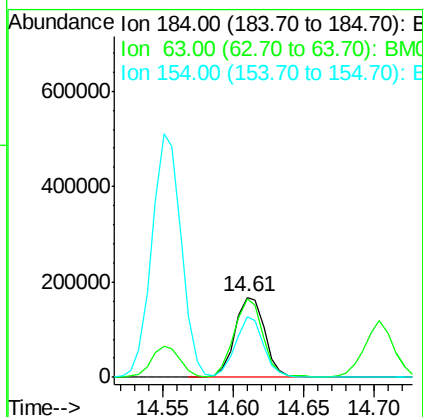
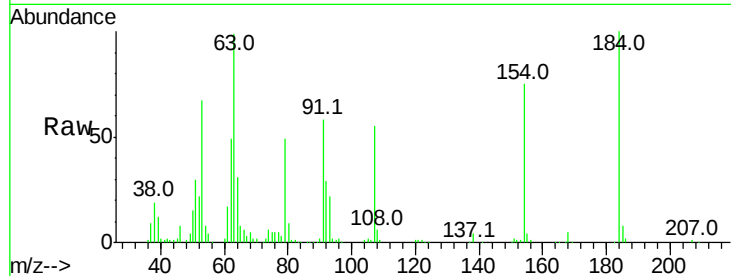




#53
2,4-Dinitrophenol
Concen: 81.75 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

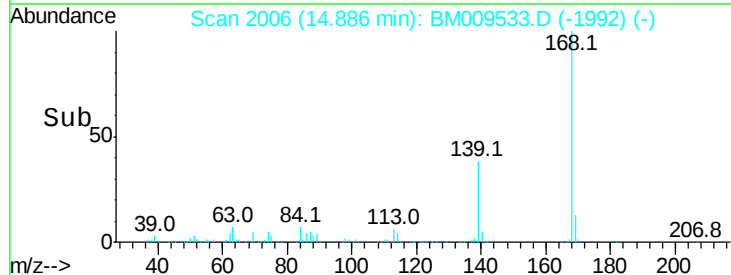
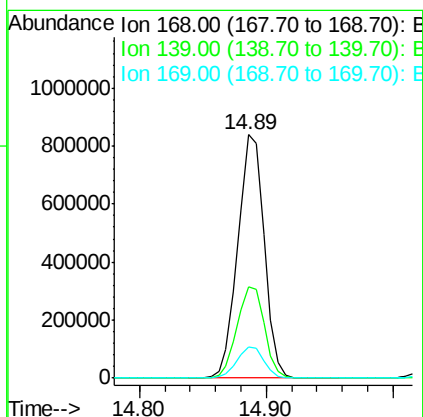
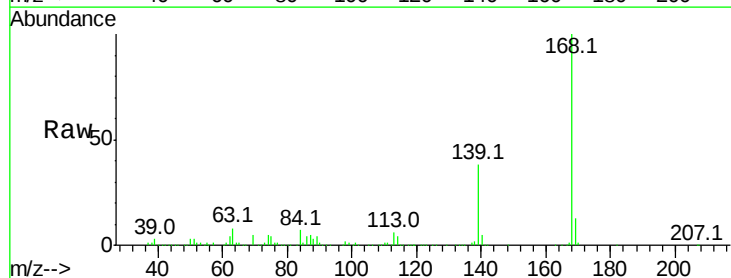
Instrument :
BNA_M
ClientSampleId :
PB98027BS

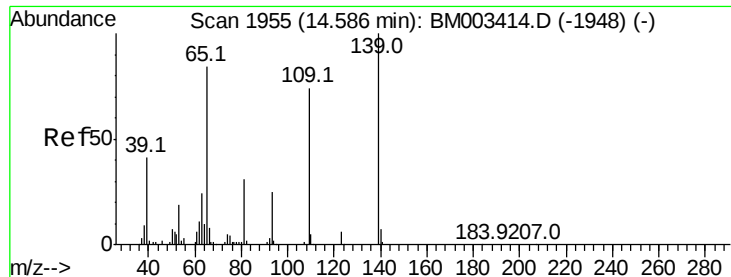
Tot Ion:184 Resp: 250632
Ion Ratio Lower Upper
184 100
63 98.8 69.2 103.8
154 75.0 53.3 79.9



#54
Dibenzofuran
Concen: 46.83 ng
RT: 14.89 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:168 Resp: 1206908
Ion Ratio Lower Upper
168 100
139 37.8 27.3 40.9
169 12.9 10.6 16.0

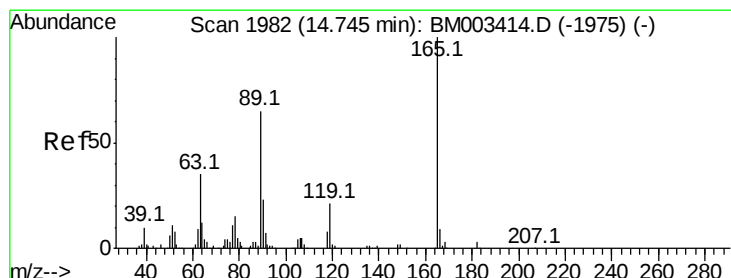
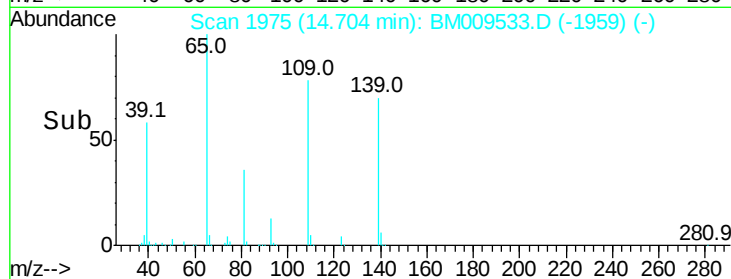
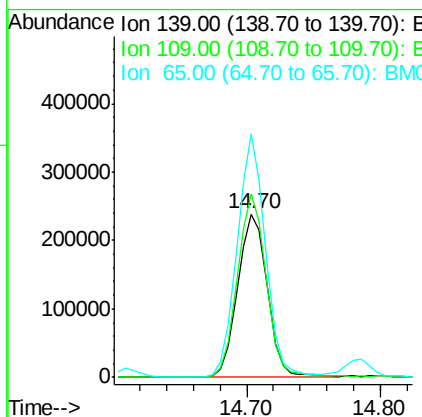
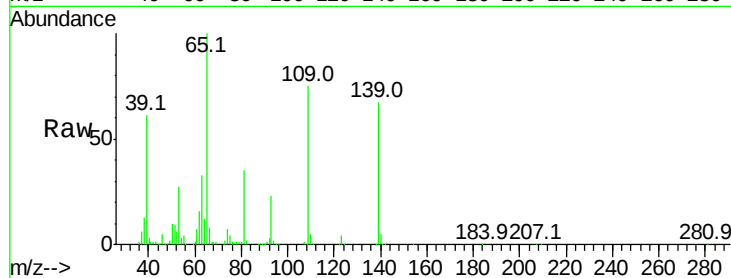




#55
4-Nitrophenol
Concen: 99.44 ng
RT: 14.70 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

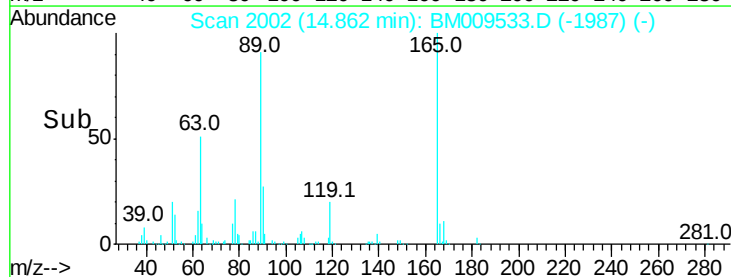
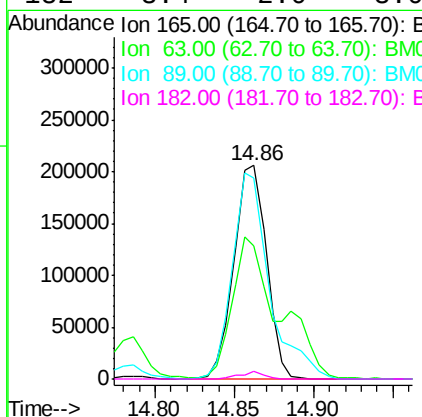
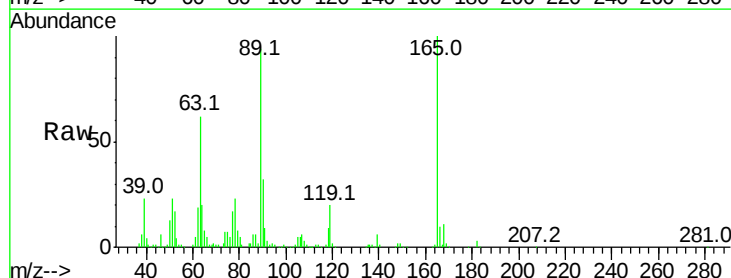
Instrument :
BNA_M
ClientSampleId :
PB98027BS

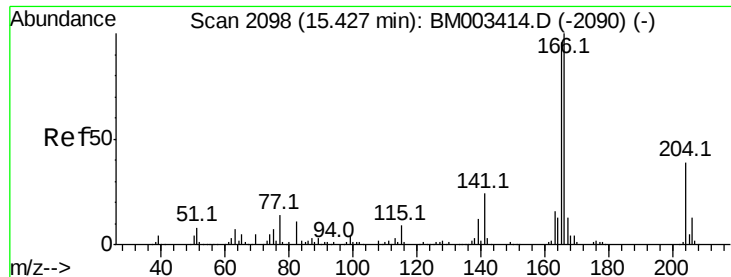
Tot Ion:139 Resp: 367516
Ion Ratio Lower Upper
139 100
109 112.1 37.7 77.7#
65 148.9 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 47.97 ng
RT: 14.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:165 Resp: 294529
Ion Ratio Lower Upper
165 100
63 62.4 52.4 78.6
89 93.9 72.4 108.6
182 3.4 2.0 3.0#





#57

Fluorene

Concen: 42.78 ng

RT: 15.54 min Scan# 2117

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

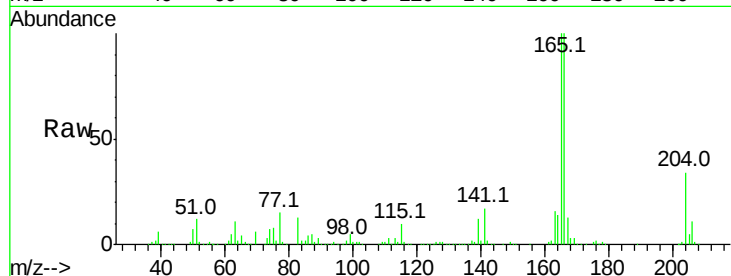
Tot Ion:166 Resp: 990873

Ion Ratio Lower Upper

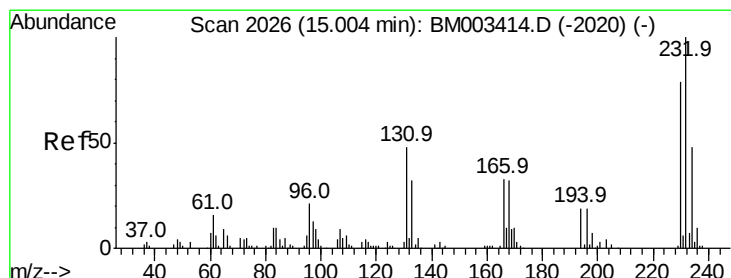
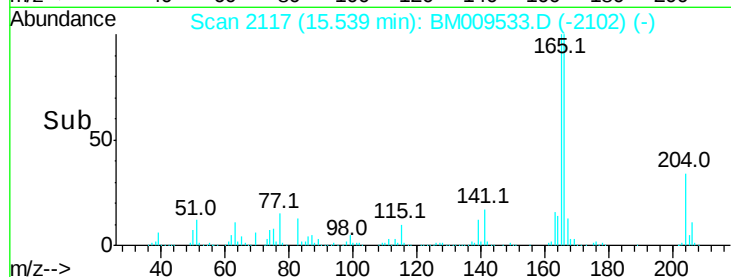
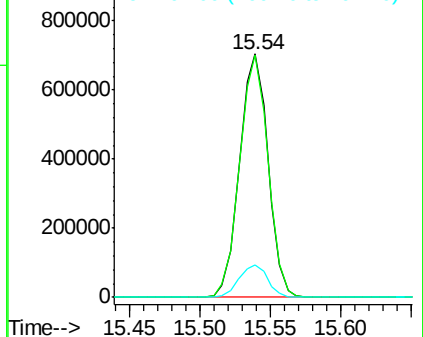
166 100

165 99.6 79.0 118.4

167 13.1 10.3 15.5



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 47.90 ng

RT: 15.12 min Scan# 2045

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion:232 Resp: 267663

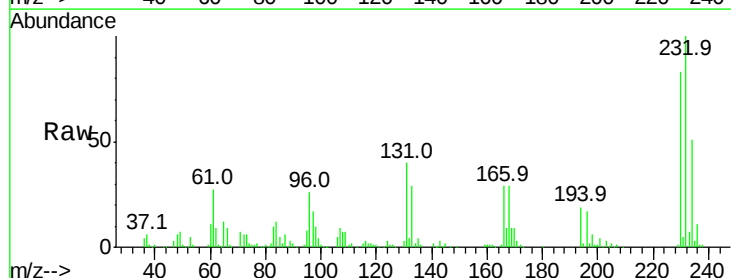
Ion Ratio Lower Upper

232 100

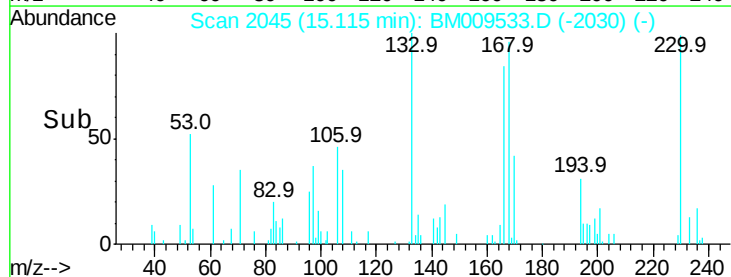
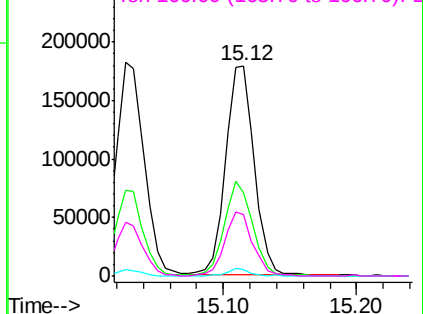
131 45.1 0.0 0.0#

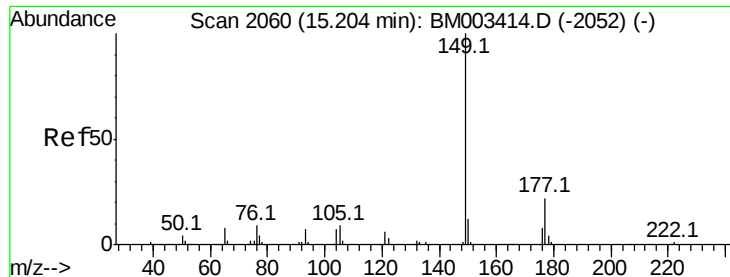
130 3.0 0.0 0.0#

166 30.2 0.0 0.0#



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

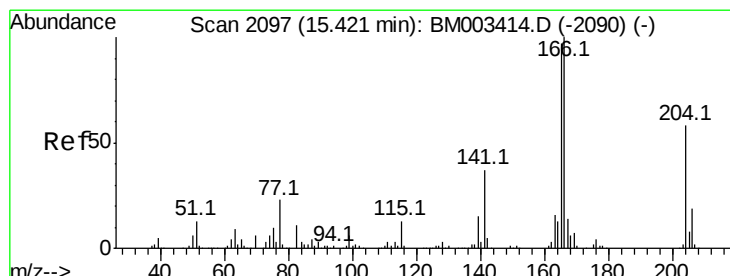
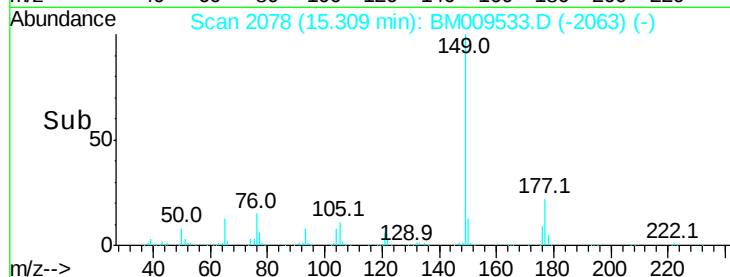
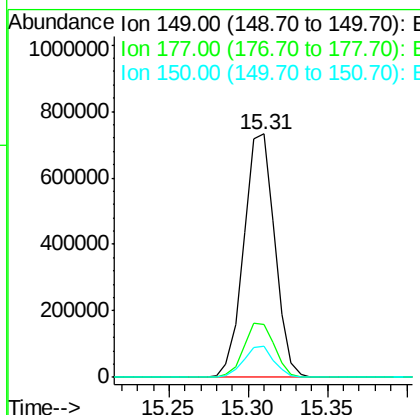
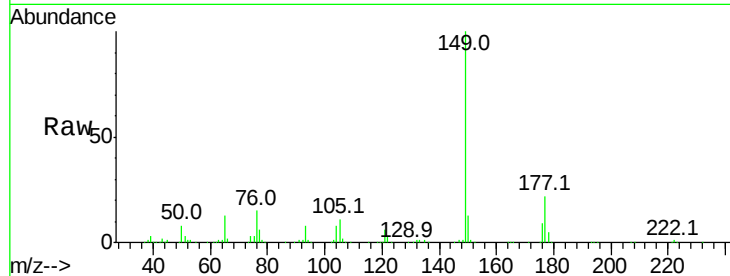




#59
Diethylphthalate
Concen: 46.38 ng
RT: 15.31 min Scan# 2078
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

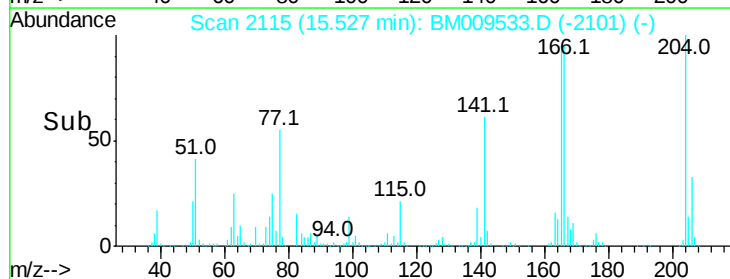
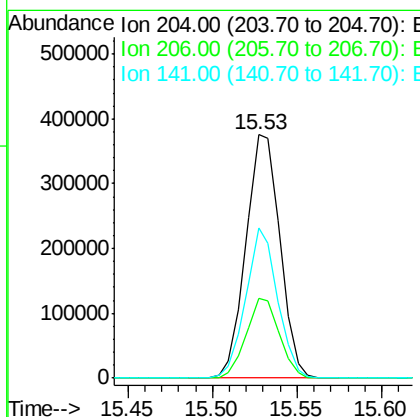
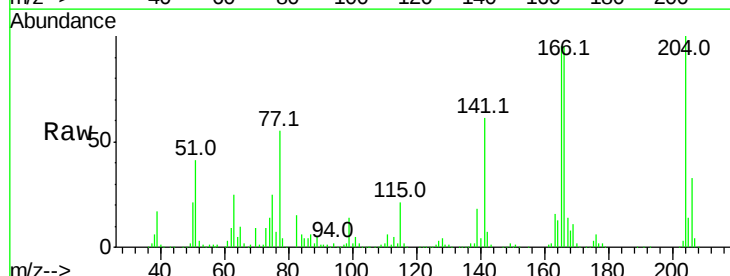
Instrument :
BNA_M
ClientSampleId :
PB98027BS

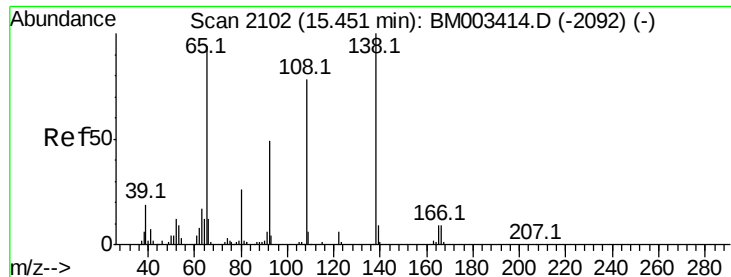
Tot Ion:149 Resp: 990914
Ion Ratio Lower Upper
149 100
177 21.9 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 43.61 ng
RT: 15.53 min Scan# 2115
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:204 Resp: 527526
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 61.5 45.2 67.8





#61

4-Nitroaniline

Concen: 46.23 ng

RT: 15.57 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

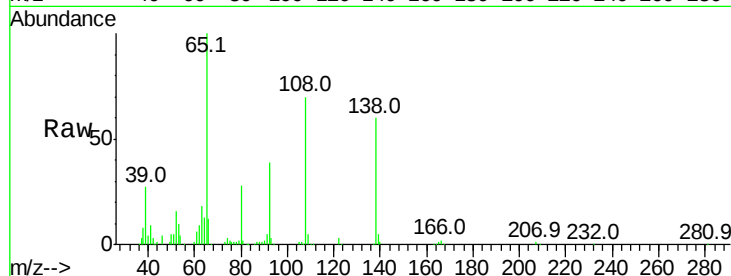
Tot Ion:138 Resp: 224511

Ion Ratio Lower Upper

138 100

92 65.3 16.7 56.7#

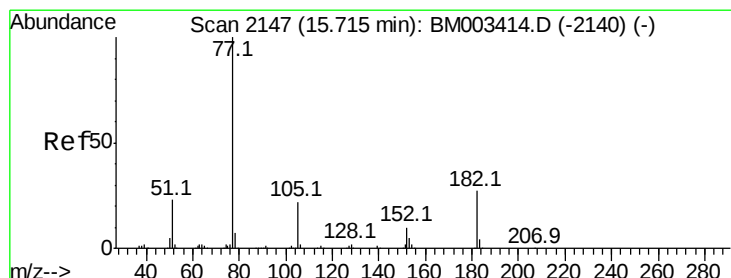
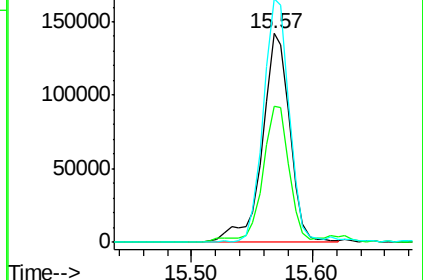
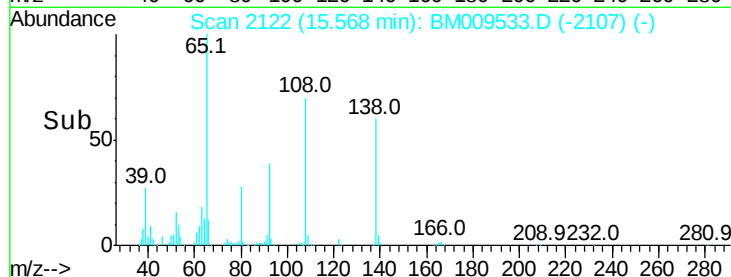
108 116.8 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 51.10 ng

RT: 15.82 min Scan# 2165

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Tgt Ion: 77 Resp: 1274475

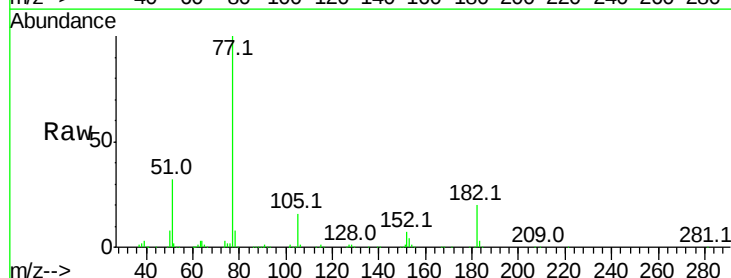
Ion Ratio Lower Upper

77 100

182 19.6 6.5 46.5

105 16.1 3.8 43.8

51 31.8 5.5 45.5

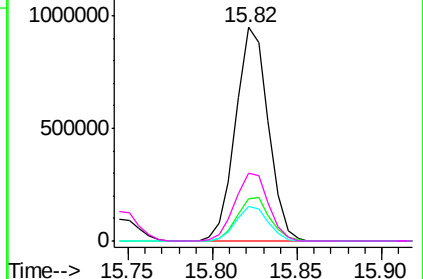
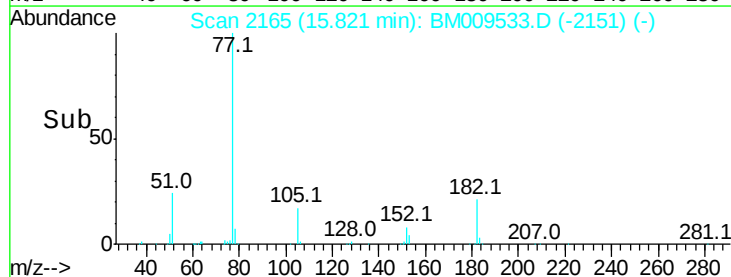


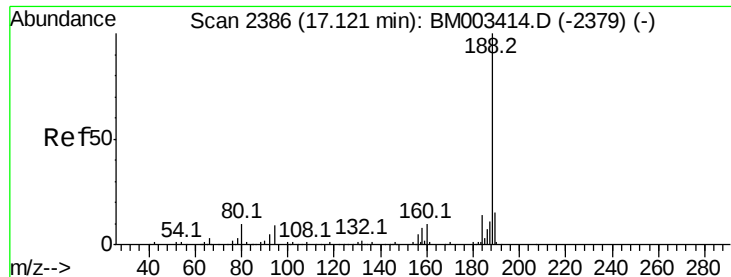
Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM

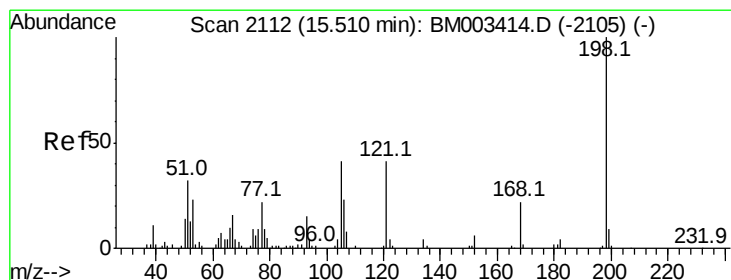
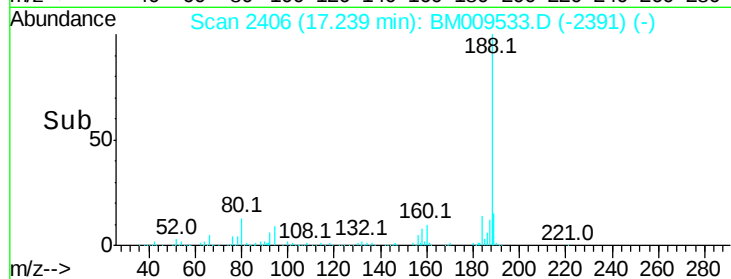
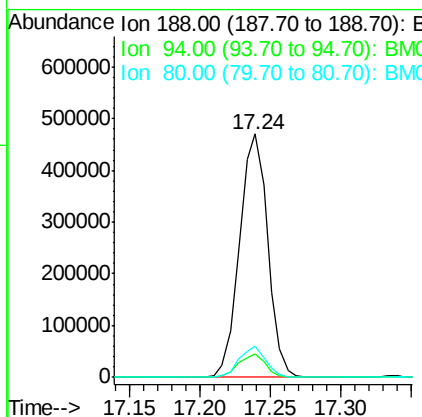
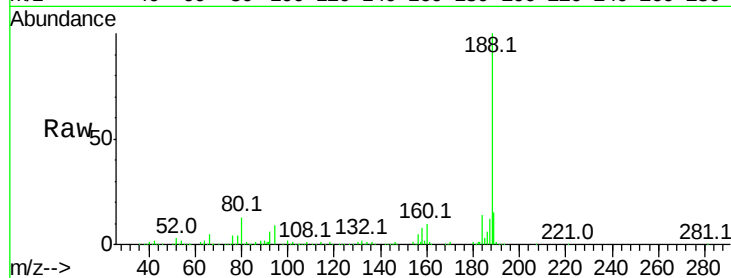




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

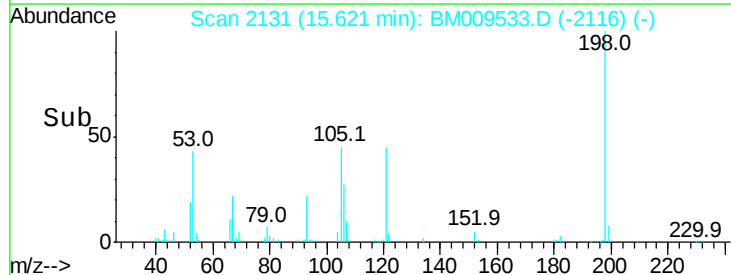
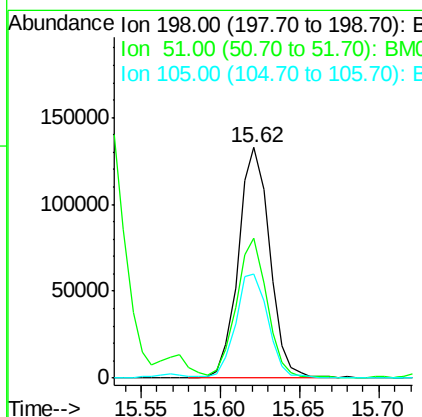
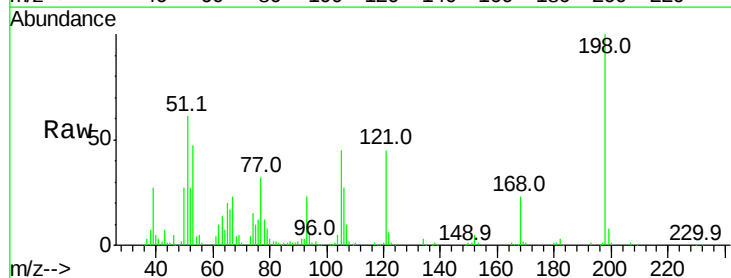
Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

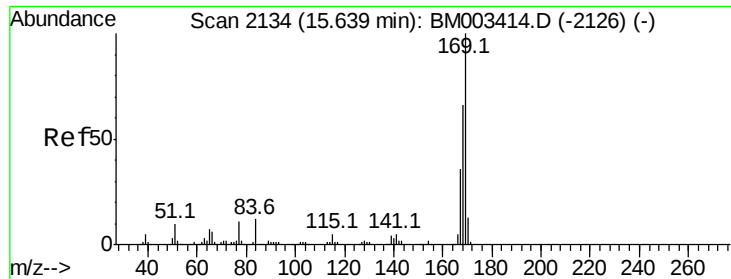
Tot Ion:188 Resp: 654952
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.7 13.1
 80 12.6 9.3 13.9



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.16 ng
 RT: 15.62 min Scan# 2131
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:198 Resp: 182219
 Ion Ratio Lower Upper
 198 100
 51 60.6 28.8 68.8
 105 45.2 30.5 70.5

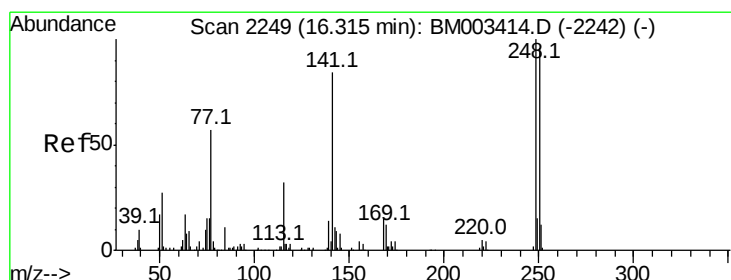
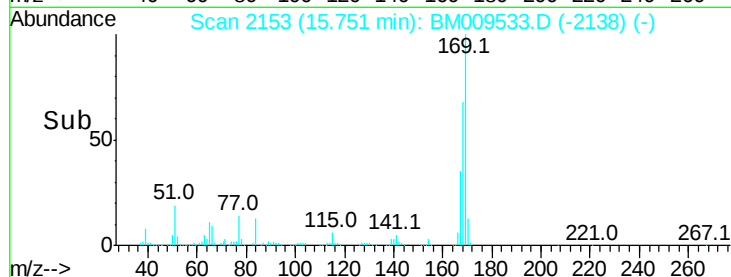
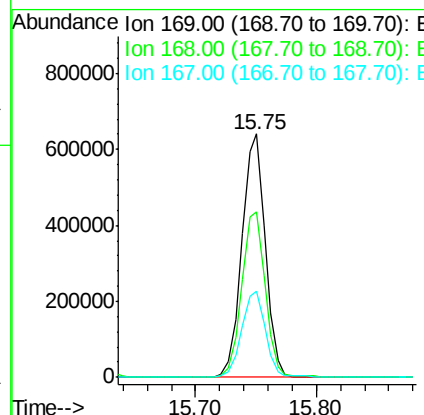
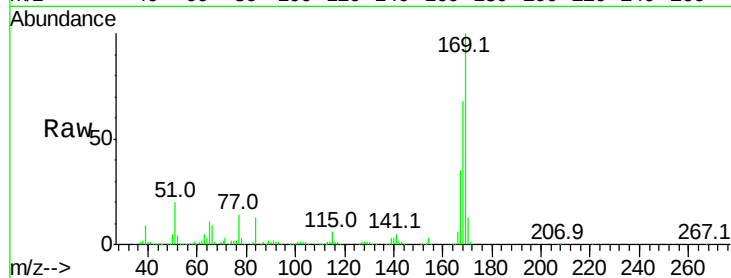




#65
 n-Nitrosodiphenylamine
 Concen: 43.37 ng
 RT: 15.75 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

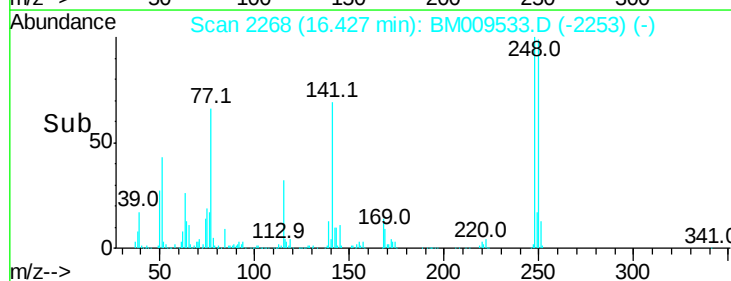
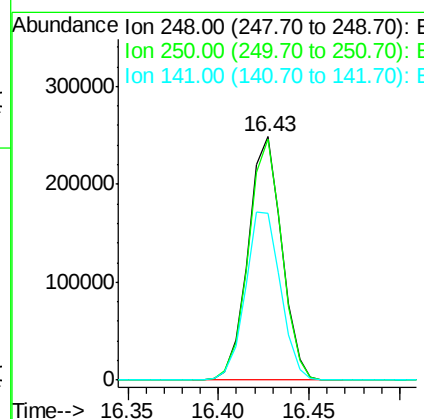
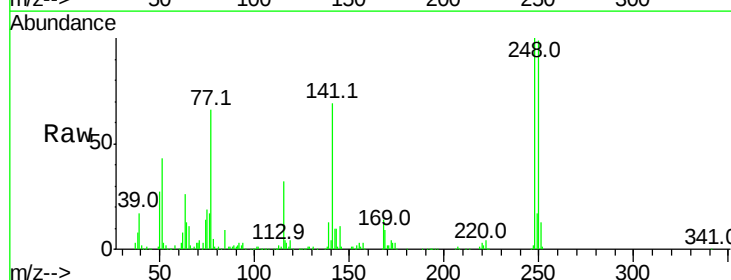
Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

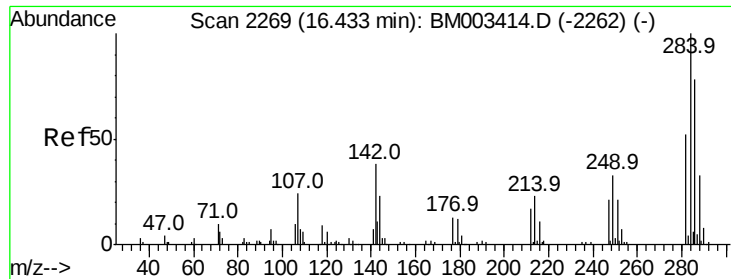
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.9	80.9
167	35.3	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 42.16 ng
 RT: 16.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.2	77.4	116.0
141	68.6	45.2	67.8

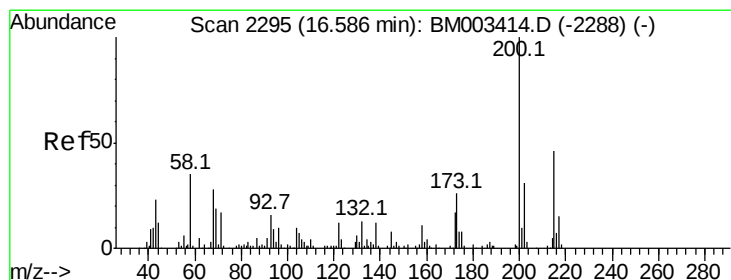
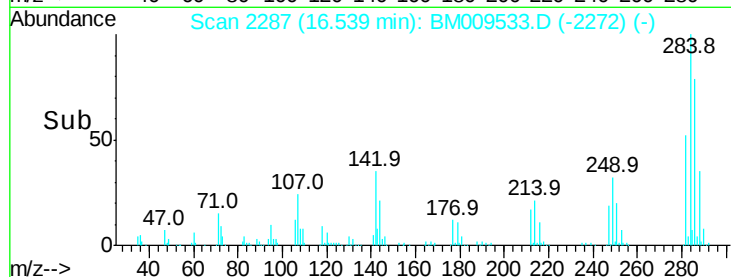
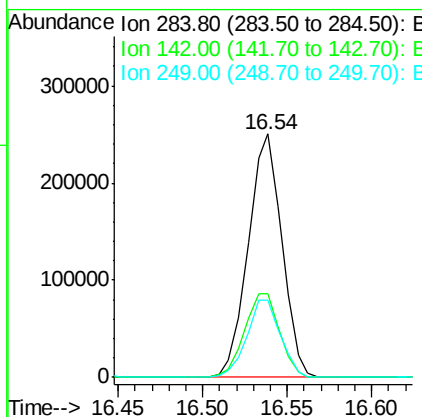
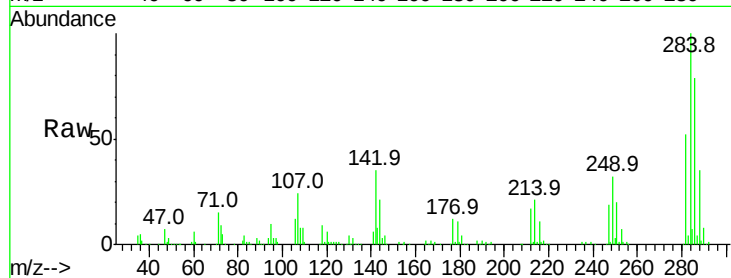




#67
Hexachlorobenzene
Concen: 41.77 ng
RT: 16.54 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

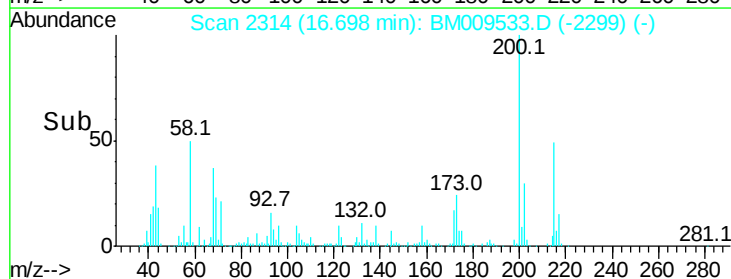
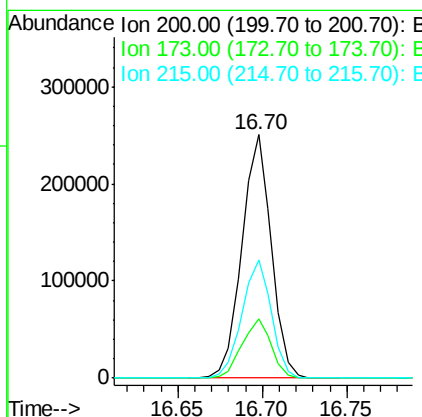
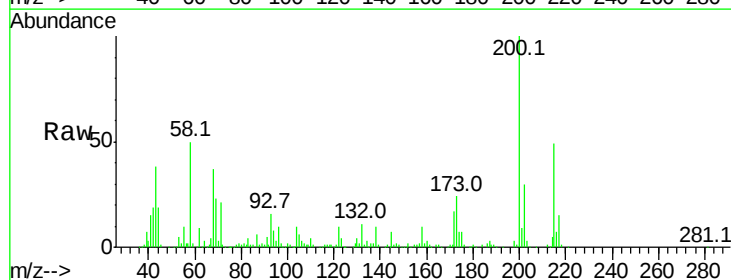
Instrument :
BNA_M
ClientSampleId :
PB98027BS

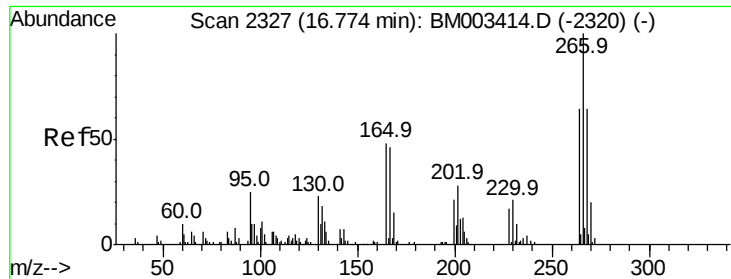
Tot Ion:284 Resp: 347445
Ion Ratio Lower Upper
284 100
142 34.6 20.4 30.6#
249 31.6 23.8 35.6



#68
Atrazine
Concen: 40.58 ng
RT: 16.70 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:200 Resp: 303632
Ion Ratio Lower Upper
200 100
173 24.1 4.8 44.8
215 48.6 26.9 66.9





#69

Pentachlorophenol

Concen: 86.04 ng

RT: 16.89 min Scan# 2346

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

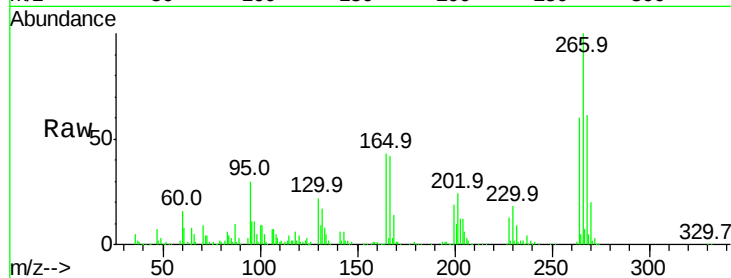
Tot Ion:266 Resp: 437157

Ion Ratio Lower Upper

266 100

268 60.9 52.0 78.0

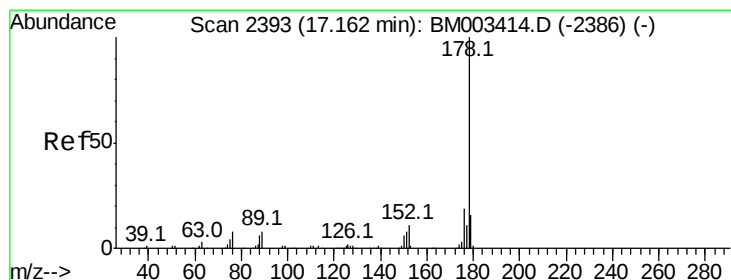
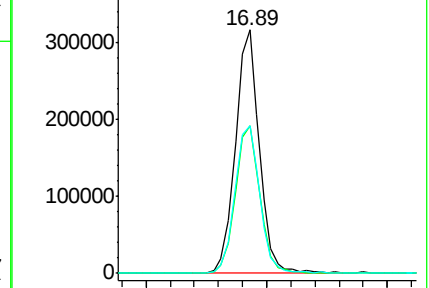
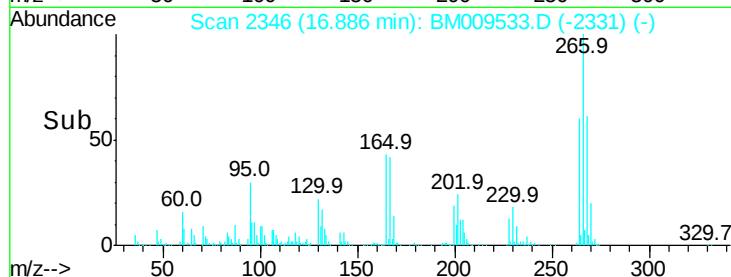
264 60.5 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 42.95 ng

RT: 17.28 min Scan# 2413

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

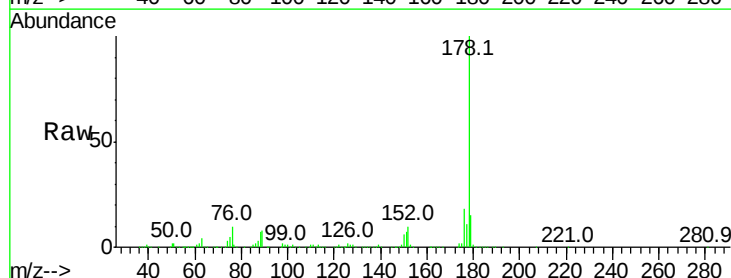
Tgt Ion:178 Resp: 1608538

Ion Ratio Lower Upper

178 100

176 18.3 15.2 22.8

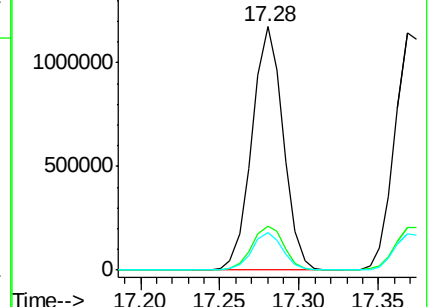
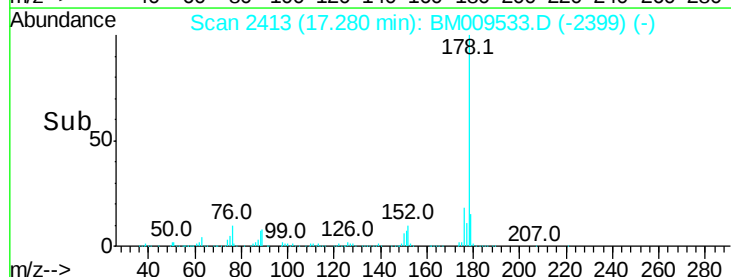
179 15.5 12.1 18.1

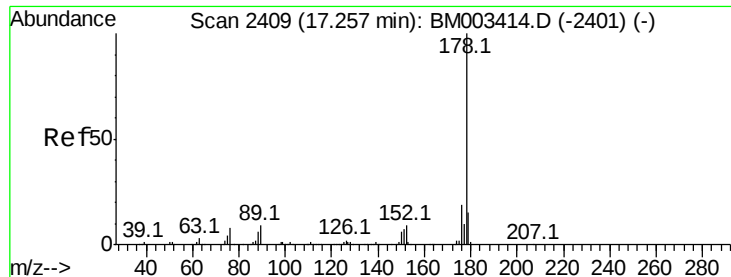


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



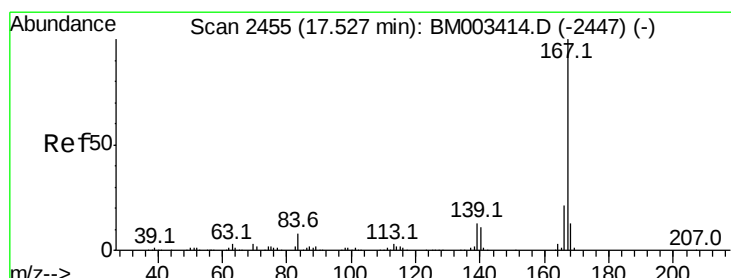
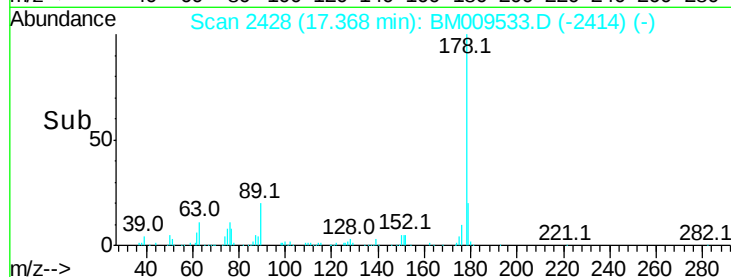
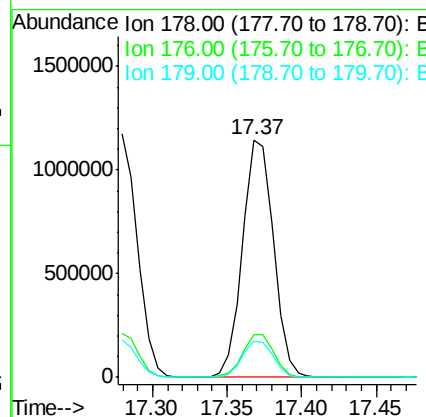
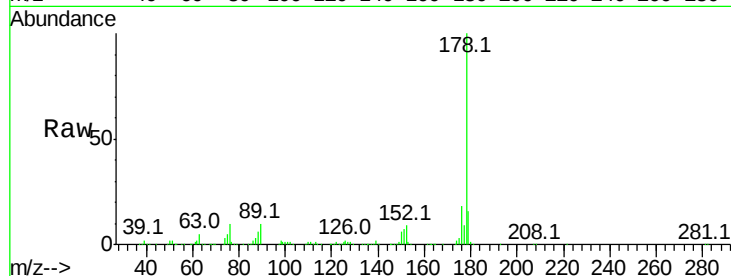


#71
 Anthracene
 Concen: 43.63 ng
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion:178 Resp: 1654202

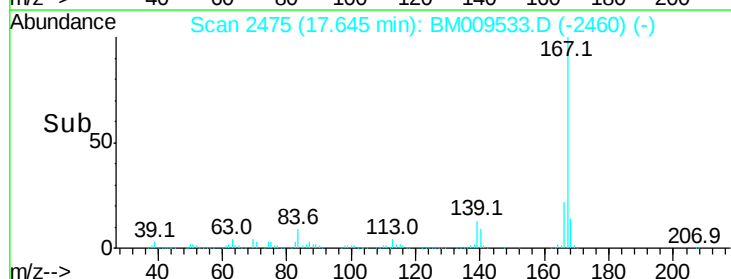
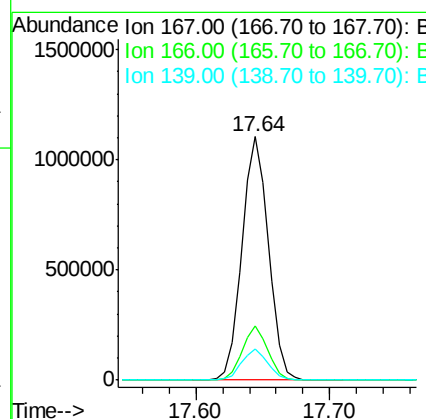
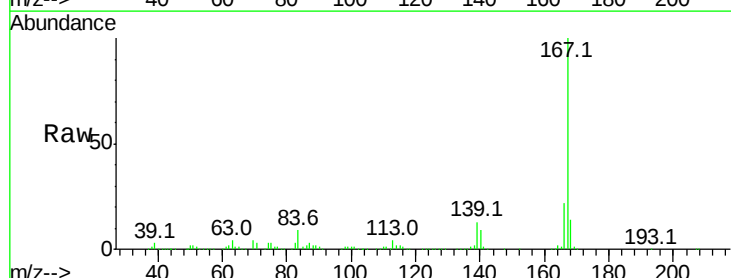
Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	22.0
179	15.5	12.6	19.0

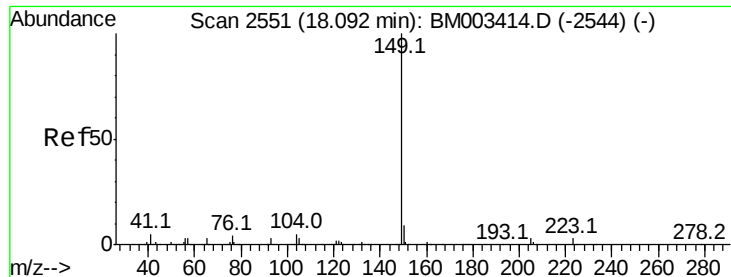


#72
 Carbazole
 Concen: 41.55 ng
 RT: 17.64 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:167 Resp: 1508862

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.2	25.8
139	13.0	10.8	16.2





#73

Di-n-butylphthalate

Concen: 47.47 ng

RT: 18.19 min Scan# 2568

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

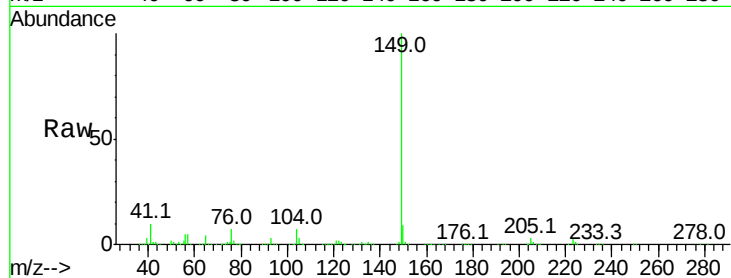
Tot Ion:149 Resp: 1760593

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

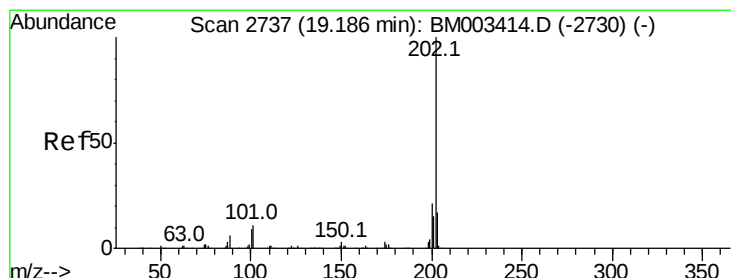
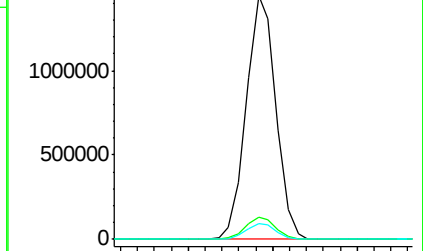
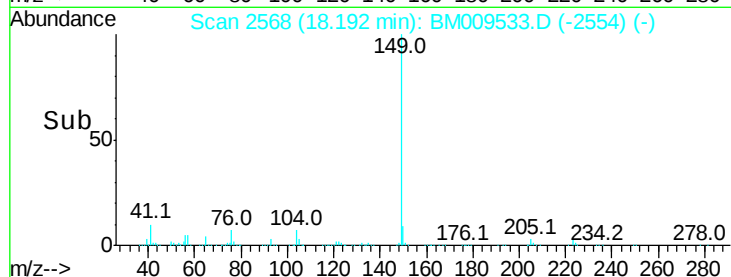
104 6.6 3.7 5.5#



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: 44.83 ng

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

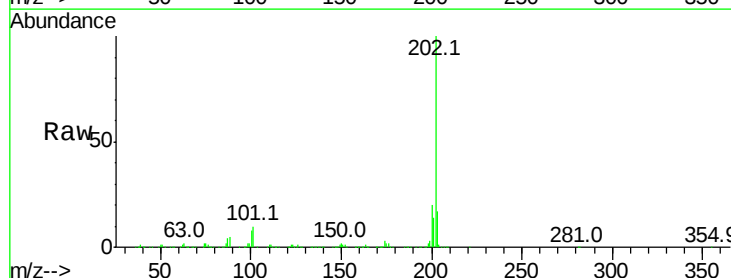
Tgt Ion:202 Resp: 1988473

Ion Ratio Lower Upper

202 100

101 9.8 0.0 28.7

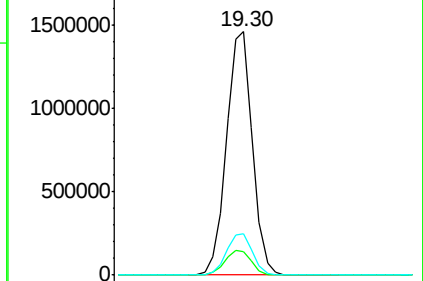
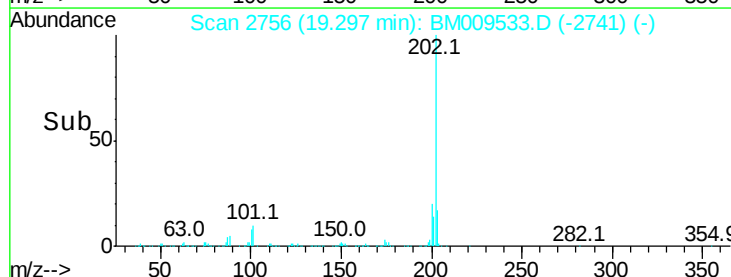
203 16.9 0.0 37.2

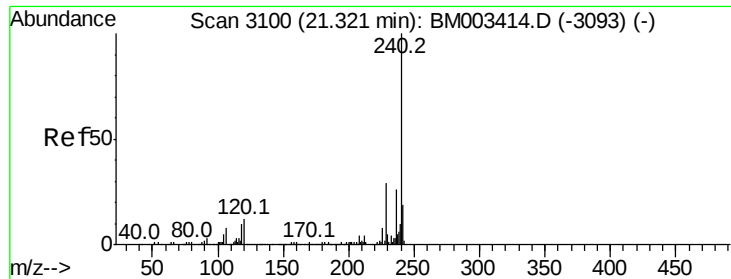


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.41 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

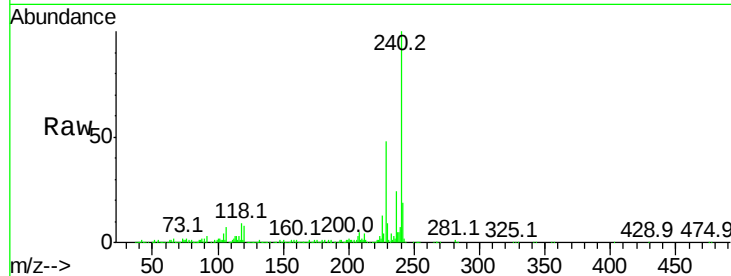
Tot Ion:240 Resp: 880305

Ion Ratio Lower Upper

240 100

120 8.2 8.2 12.2

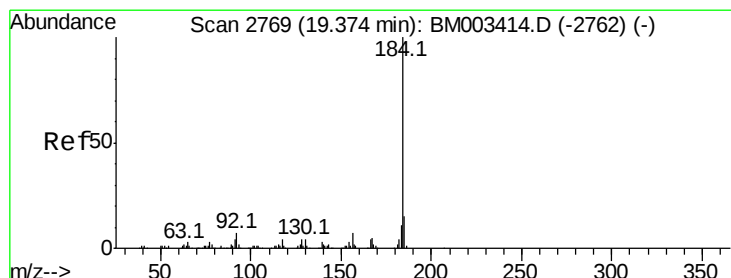
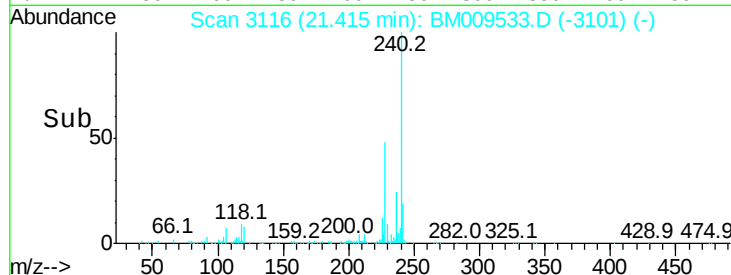
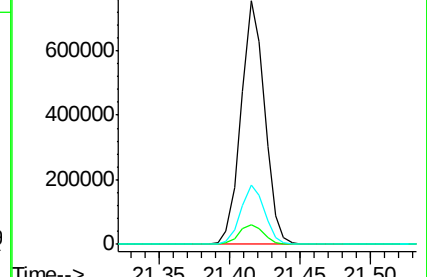
236 24.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 18.80 ng

RT: 19.49 min Scan# 2788

Delta R.T. -0.01 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

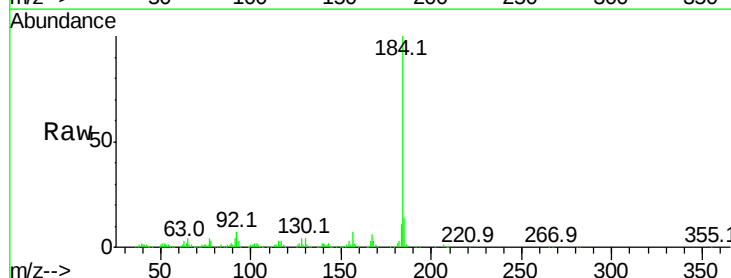
Tgt Ion:184 Resp: 493255

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

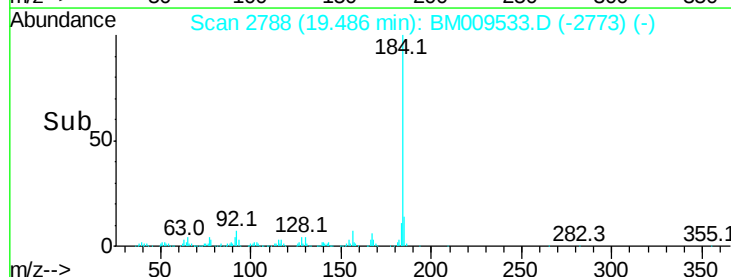
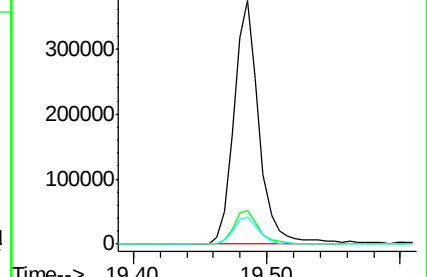
183 11.5 8.9 13.3

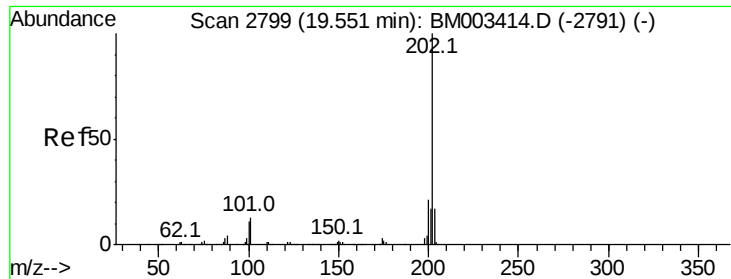


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

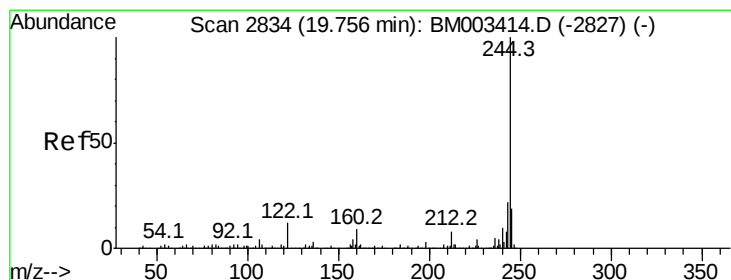
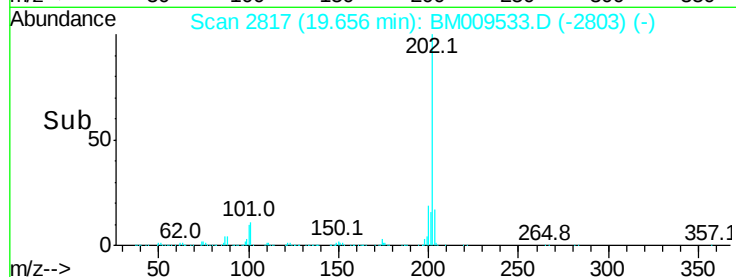
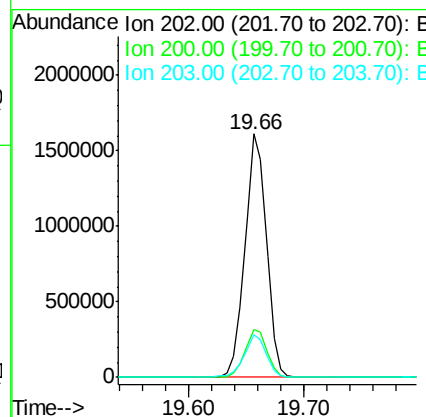
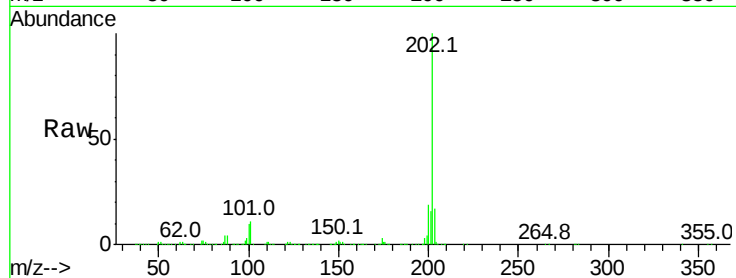




#77
Pvrene
Concen: 41.64 ng
RT: 19.66 min Scan# 2817
Delta R.T. -0.02 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

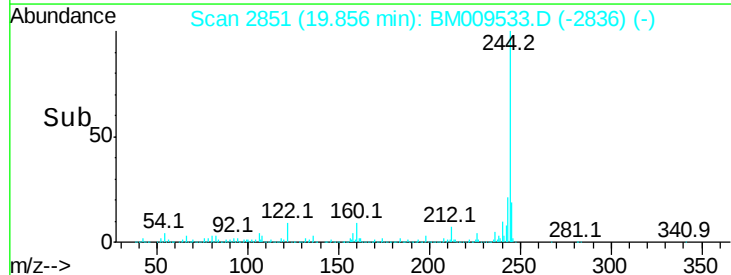
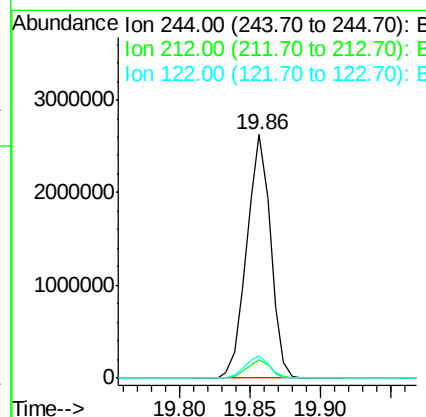
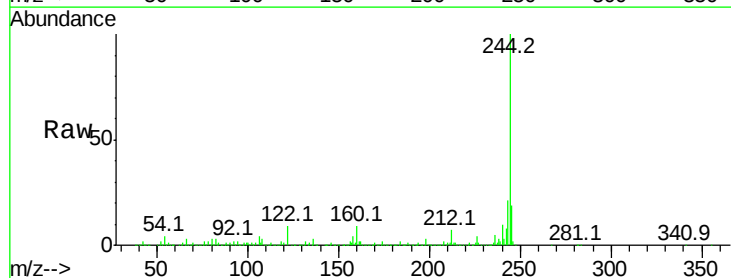
Instrument :
BNA_M
ClientSampleId :
PB98027BS

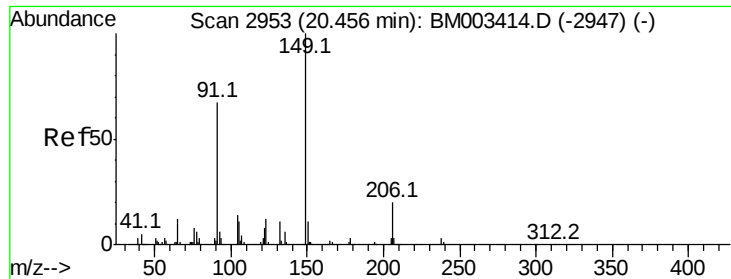
Tot Ion:202 Resp: 2078939
Ion Ratio Lower Upper
202 100
200 19.5 16.9 25.3
203 17.3 14.1 21.1



#78
Terphenyl-d14
Concen: 73.70 ng
RT: 19.86 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:244 Resp: 3104778
Ion Ratio Lower Upper
244 100
212 7.4 4.9 7.3#
122 9.2 6.2 9.4

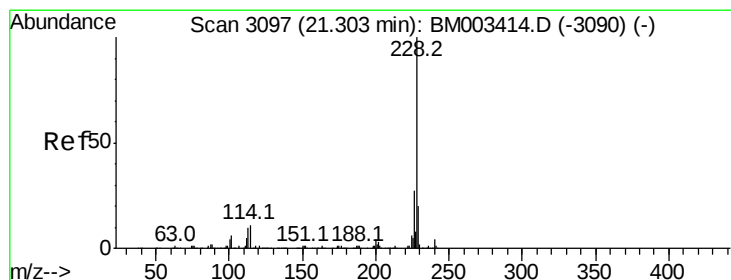
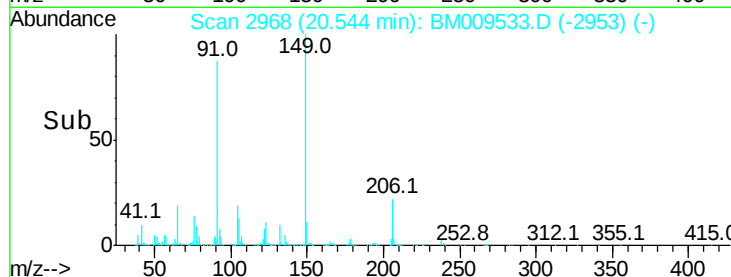
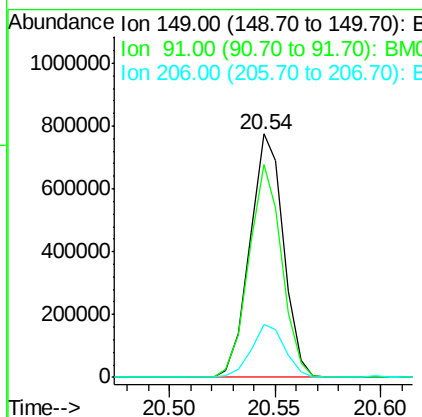
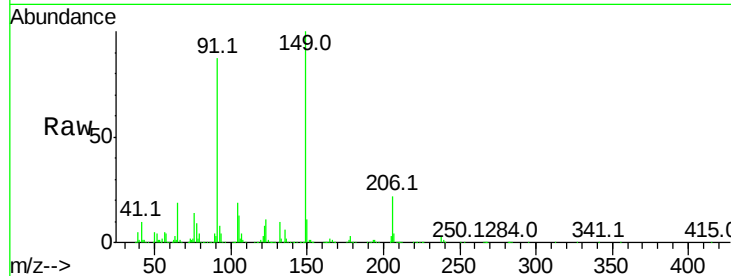




#79
Butylbenzylphthalate
Concen: 47.74 ng
RT: 20.54 min Scan# 2968
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

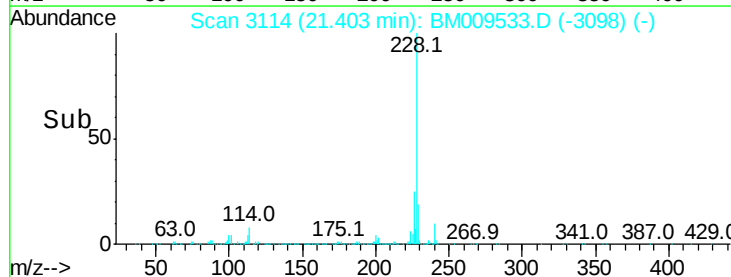
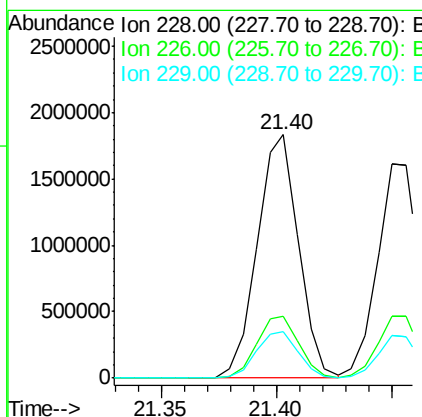
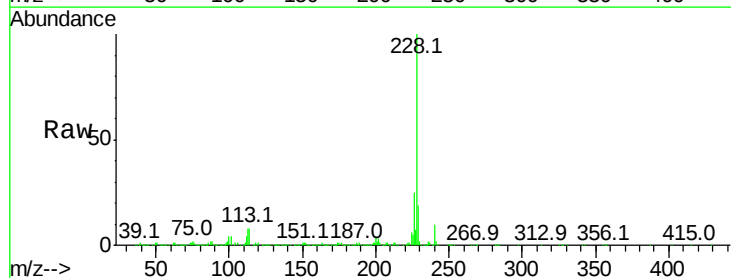
Instrument :
BNA_M
ClientSampleId :
PB98027BS

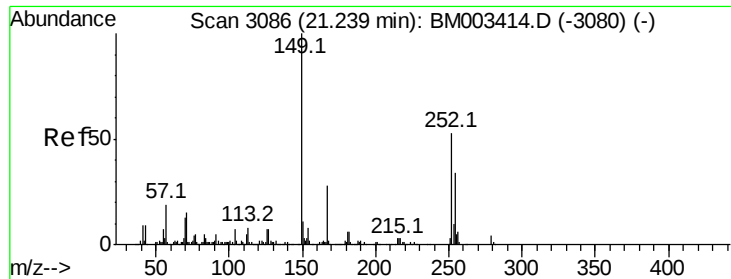
Tot Ion:149 Resp: 858279
Ion Ratio Lower Upper
149 100
91 87.3 50.1 75.1#
206 21.7 16.2 24.2



#80
Benzo(a)anthracene
Concen: 44.30 ng
RT: 21.40 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BM009533.D
Acq: 04 Apr 2017 17:15

Tgt Ion:228 Resp: 2277669
Ion Ratio Lower Upper
228 100
226 25.5 21.7 32.5
229 18.9 16.0 24.0

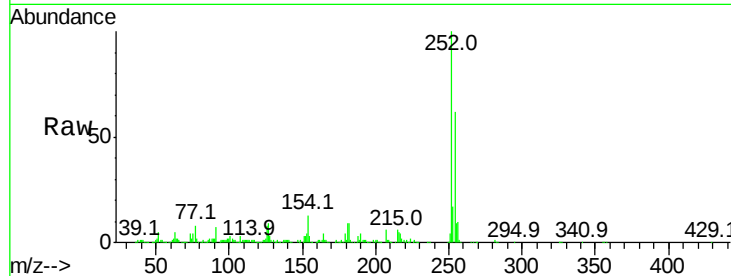




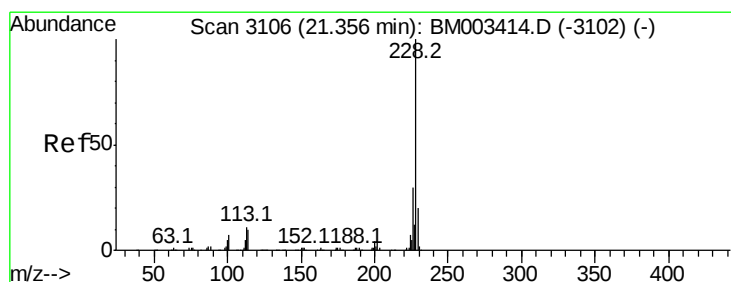
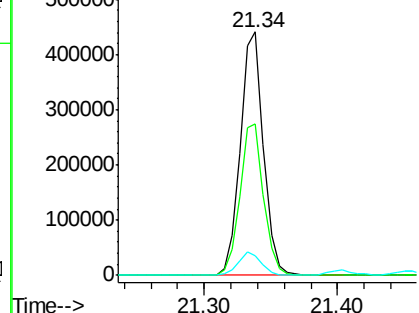
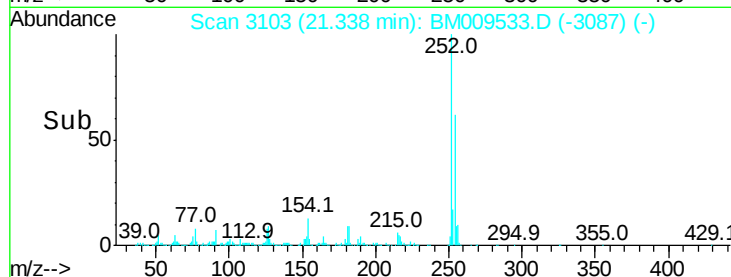
#81
 3,3'-Dichlorobenzidine
 Concen: 27.65 ng
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion:252 Resp: 532371
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.9 77.9
 126 8.2 9.8 14.8#

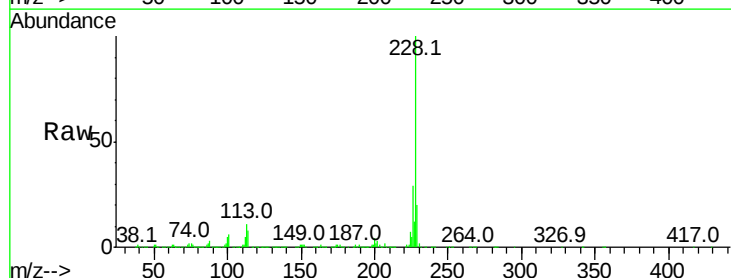


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

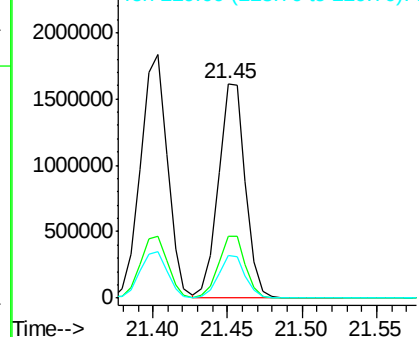
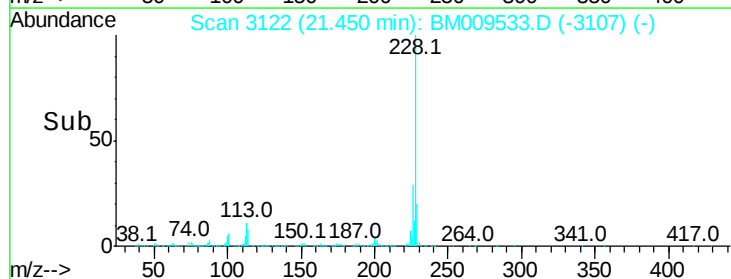


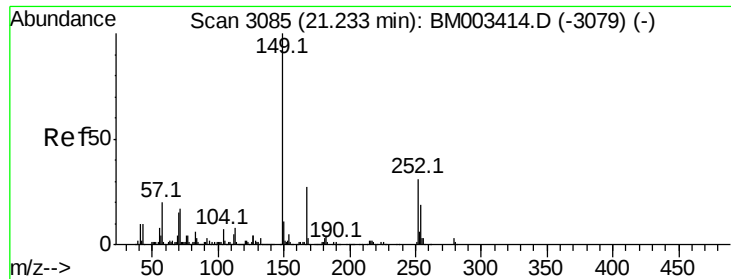
#82
 Chrysene
 Concen: 41.60 ng
 RT: 21.45 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:228 Resp: 2042378
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.1 36.1
 229 19.6 15.5 23.3



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

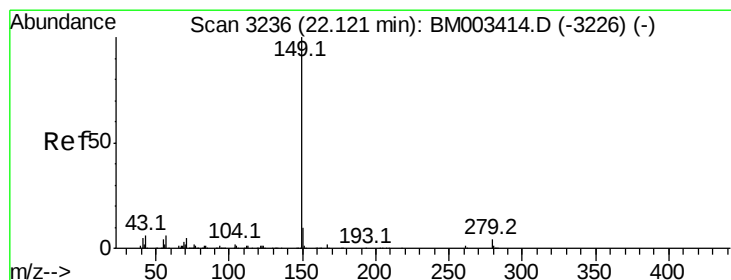
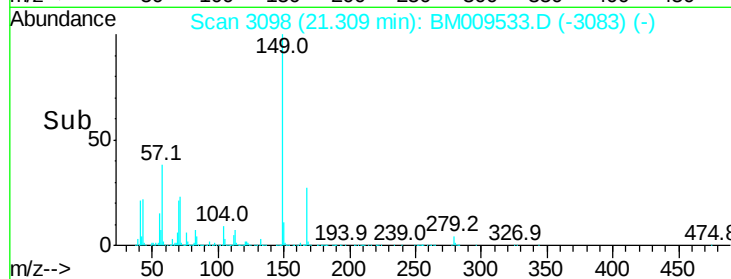
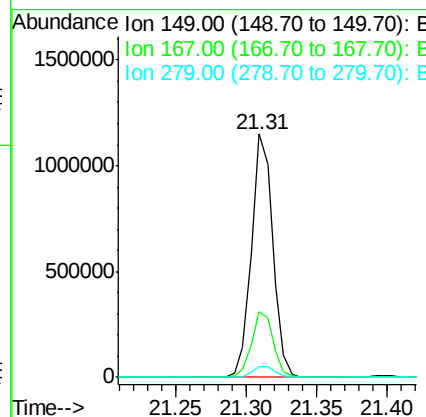
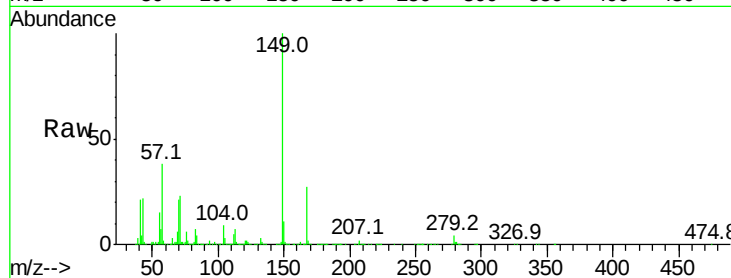




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.41 ng
 RT: 21.31 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

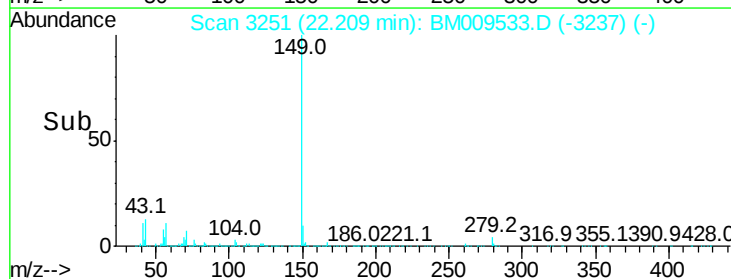
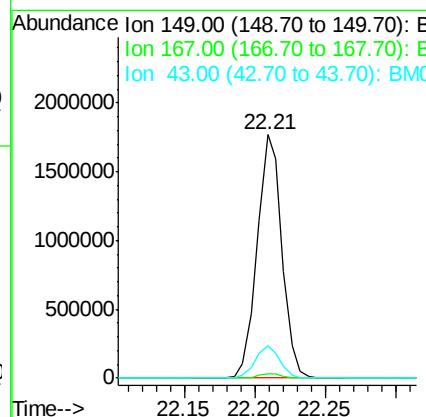
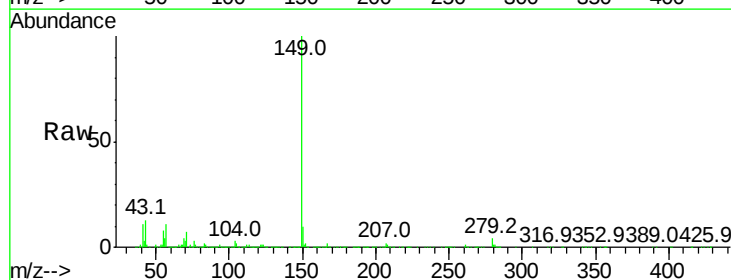
Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

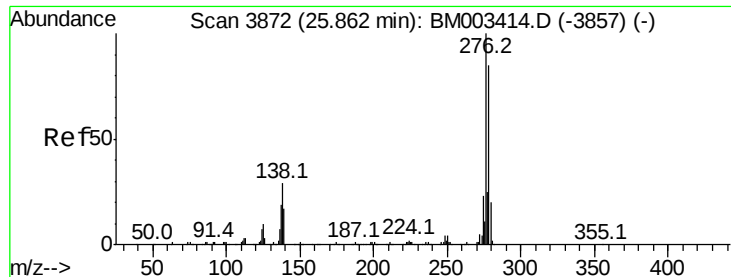
Tot Ion:149 Resp: 1218183
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 4.4 3.4 5.0



#84
 Di-n-octyl phthalate
 Concen: 48.72 ng
 RT: 22.21 min Scan# 3251
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:149 Resp: 2175286
 Ion Ratio Lower Upper
 149 100
 167 1.7 1.2 1.8
 43 13.4 7.3 10.9#

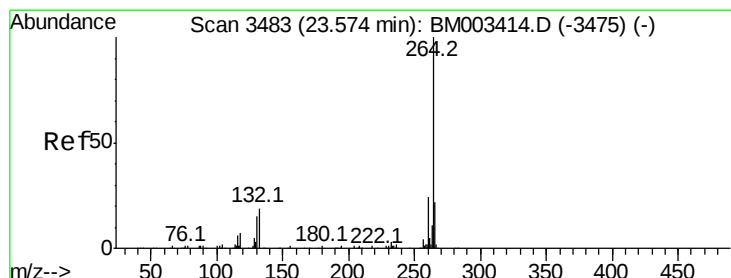
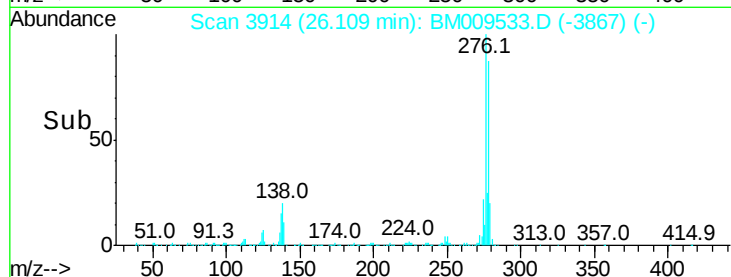
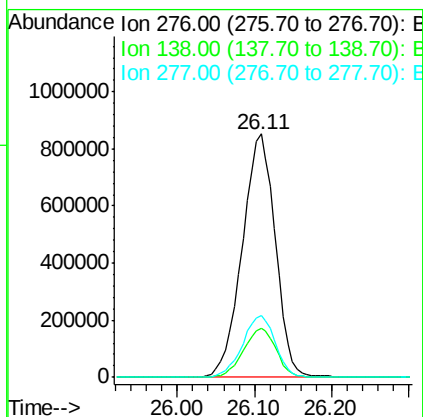
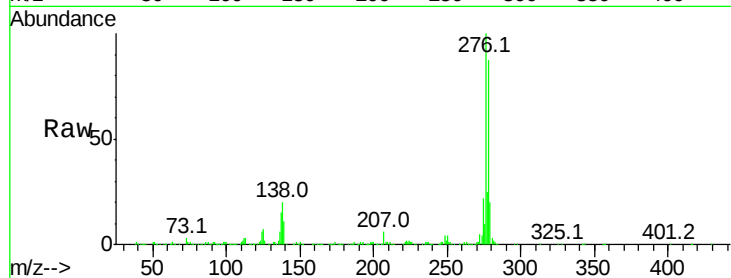




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 47.89 ng
 RT: 26.11 min Scan# 3914
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

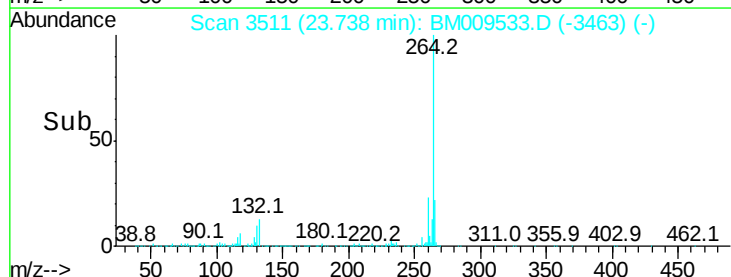
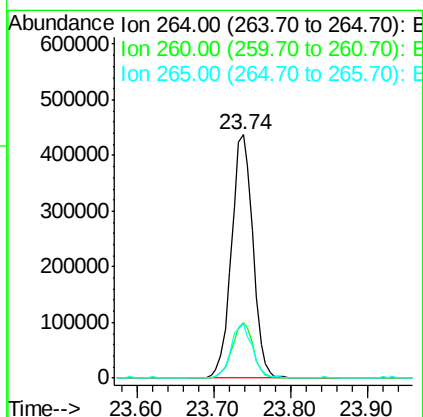
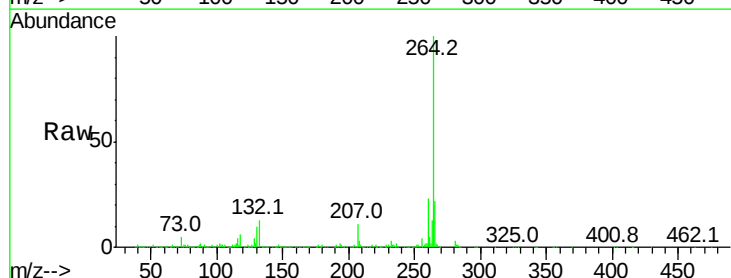
Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

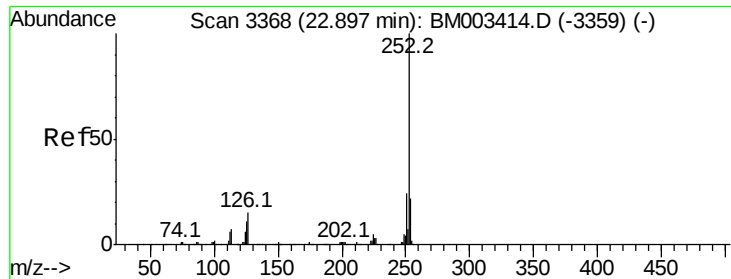
Tot Ion:276 Resp: 2564120
 Ion Ratio Lower Upper
 276 100
 138 20.0 0.0 0.0#
 277 25.1 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Tgt Ion:264 Resp: 853143
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 27.8
 265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 42.00 ng

RT: 23.03 min Scan# 3391

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

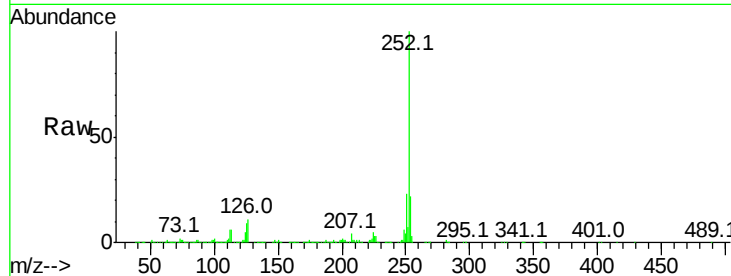
Tot Ion:252 Resp: 2271275

Ion Ratio Lower Upper

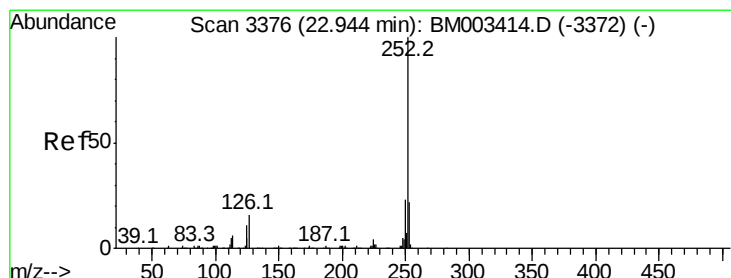
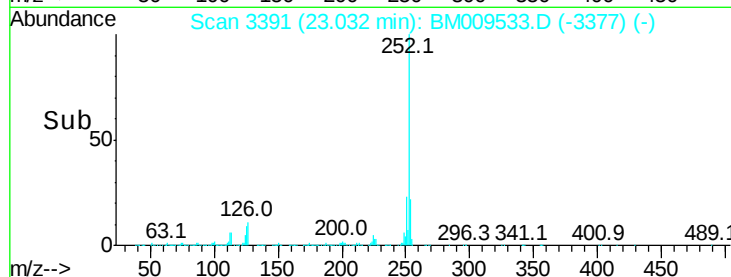
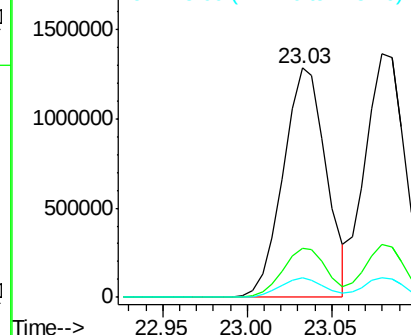
252 100

253 21.6 18.0 27.0

125 8.6 9.9 14.9#



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: 43.28 ng

RT: 23.08 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

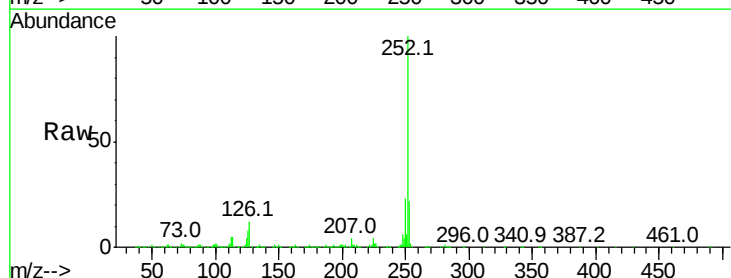
Tgt Ion:252 Resp: 2250792

Ion Ratio Lower Upper

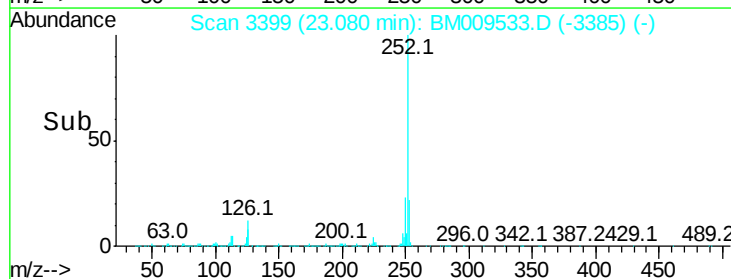
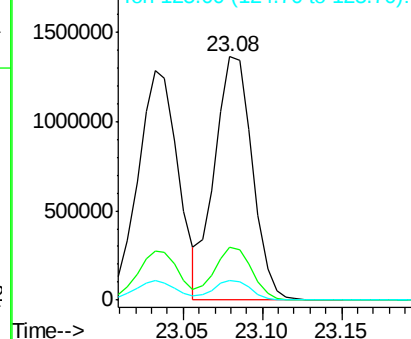
252 100

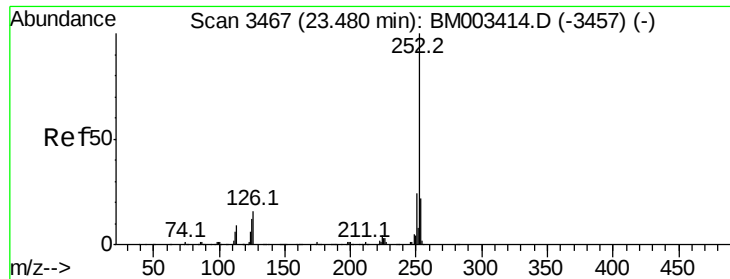
253 21.8 17.2 25.8

125 8.3 8.1 12.1



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

Benzo(a)pyrene

Concen: 44.06 ng

RT: 23.64 min Scan# 3494

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

Instrument :

BNA_M

ClientSampleId :

PB98027BS

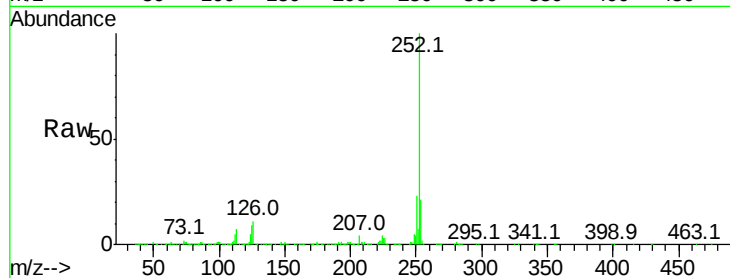
Tot Ion:252 Resp: 2206117

Ion Ratio Lower Upper

252 100

253 20.9 17.6 26.4

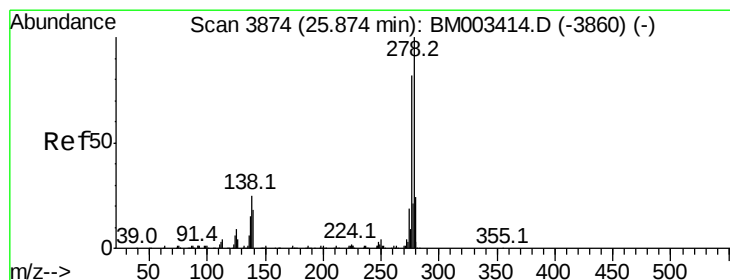
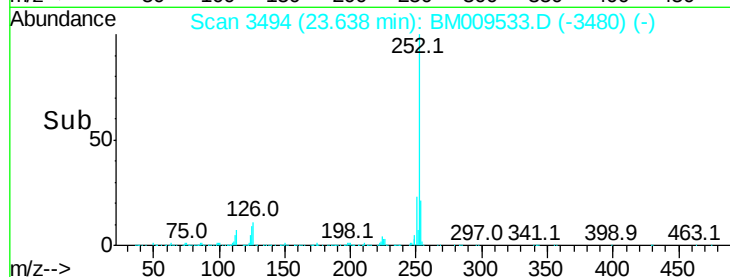
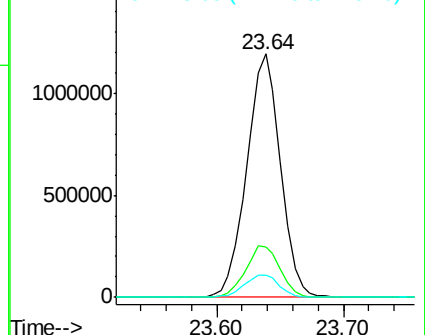
125 9.3 7.4 11.2



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

Dibenzo(a,h)anthracene

Concen: 44.22 ng

RT: 26.12 min Scan# 3916

Delta R.T. -0.02 min

Lab File: BM009533.D

Acq: 04 Apr 2017 17:15

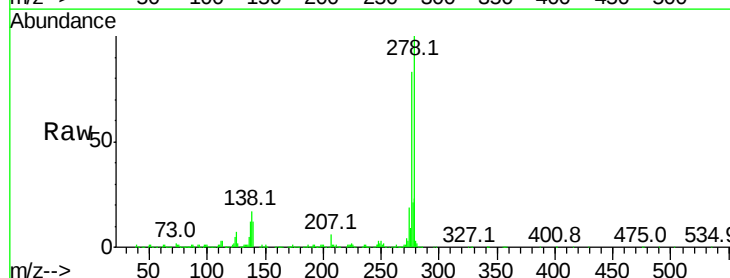
Tgt Ion:278 Resp: 2169398

Ion Ratio Lower Upper

278 100

139 12.0 13.4 20.0#

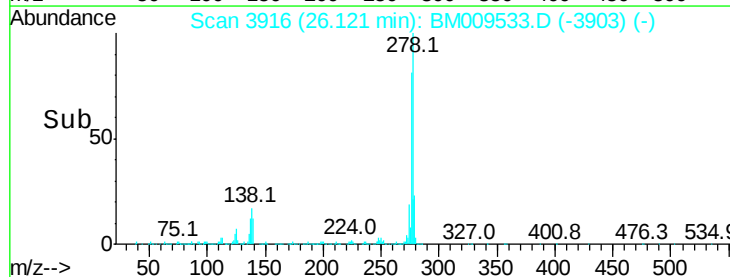
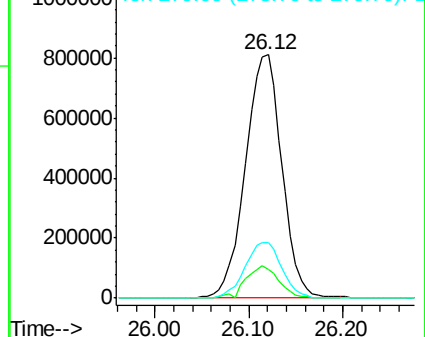
279 22.9 19.0 28.4

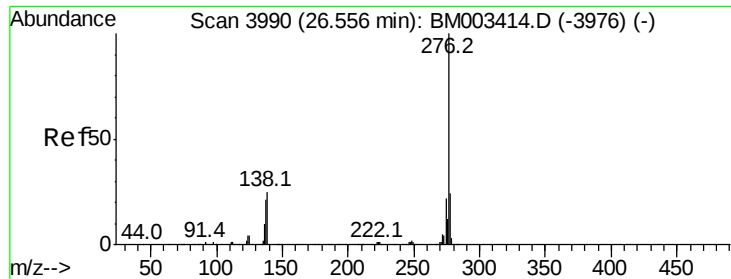


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 43.64 ng
 RT: 26.83 min Scan# 4037
 Delta R.T. -0.03 min
 Lab File: BM009533.D
 Acq: 04 Apr 2017 17:15

Instrument :
 BNA_M
 ClientSampleId :
 PB98027BS

Tot Ion:276 Resp: 2086832
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.5 27.7
 138 16.8 19.0 28.6#

