

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
 Data File : BM003414.D
 Acq On : 09 Dec 2015 16:05
 Operator : UM/IZ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 09 17:01:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 16:57:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	75722	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	344071	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	190803	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	374262	20.00	ng	0.00
75) Chrysene-d12	21.32	240	317086	20.00	ng	0.00
86) Perylene-d12	23.57	264	295921	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	359017	81.98	ng	0.00
7) Phenol-d6	6.89	99	494425	90.18	ng	0.00
23) Nitrobenzene-d5	8.88	82	471972	87.93	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	157440	85.39	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1154829	87.05	ng	0.00
78) Terphenyl-d14	19.76	244	1079012	83.31	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	73379	37.66	ng	# 100
3) Pyridine	3.61	79	206670	39.05	ng	88
4) n-Nitrosodimethylamine	3.53	42	66775	30.50	ng	87
6) Aniline	7.05	93	322210	41.54	ng	96
8) 2-Chlorophenol	7.29	128	223905	42.59	ng	95
9) Benzaldehyde	6.86	77	127757	54.56	ng	96
10) Phenol	6.92	94	259138	40.57	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	210000	43.51	ng	96
12) 1,3-Dichlorobenzene	7.61	146	244458	41.94	ng	98
13) 1,4-Dichlorobenzene	7.76	146	251195	41.45	ng	97
14) 1,2-Dichlorobenzene	8.07	146	238826	42.80	ng	96
15) Benzyl Alcohol	7.96	79	174721	41.43	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	222949	35.36	ng	92
17) 2-Methylphenol	8.16	107	183553	43.05	ng	96
18) Hexachloroethane	8.80	117	87896	43.76	ng	92
19) n-Nitroso-di-n-propylamine	8.53	70	163549	43.24	ng	88
20) 3+4-Methylphenols	8.49	107	253542	44.77	ng	97
22) Acetophenone	8.55	105	351165	45.01	ng	# 89
24) Nitrobenzene	8.92	77	250956	43.36	ng	90
25) Isophorone	9.45	82	478488	44.30	ng	98
26) 2-Nitrophenol	9.63	139	125409	44.82	ng	93
27) 2,4-Dimethylphenol	9.69	122	219808	43.03	ng	95
28) bis(2-Chloroethoxy)methane	9.93	93	278200	42.58	ng	99
29) 2,4-Dichlorophenol	10.16	162	212886	43.62	ng	98
30) 1,2,4-Trichlorobenzene	10.38	180	231672	42.54	ng	98
31) Naphthalene	10.56	128	735677	41.27	ng	100
32) Benzoic acid	9.83	122	132158	52.38	ng	97
33) 4-Chloroaniline	10.67	127	306321	42.37	ng	# 94
34) Hexachlorobutadiene	10.85	225	137259	44.06	ng	97
35) Caprolactam	11.45	113	66167	45.95	ng	# 73
36) 4-Chloro-3-methylphenol	11.80	107	237348	47.36	ng	92
37) 2-Methylnaphthalene	12.18	142	504490	42.16	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	256179	44.15	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	143512	56.07	ng	98

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120915\
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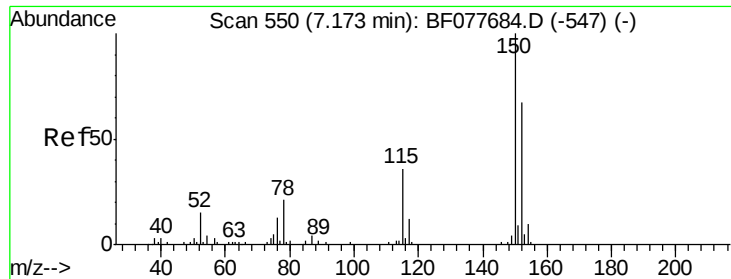
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 09 17:01:55 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	12.80	196	172121	43.32	nq	99
43) 2,4,5-Trichlorophenol	12.87	196	177263	41.30	nq	# 91
45) 1,1'-Biphenyl	13.20	154	696208	44.77	nq	99
46) 2-Chloronaphthalene	13.25	162	509628	40.80	nq	# 93
47) 2-Nitroaniline	13.45	65	126744	41.33	nq	95
48) Acenaphthylene	14.10	152	856926	41.17	nq	100
49) Dimethylphthalate	13.83	163	636970	44.06	nq	99
50) 2,6-Dinitrotoluene	13.96	165	137838	45.85	nq	93
51) Acenaphthene	14.44	154	486777	40.98	nq	100
52) 3-Nitroaniline	14.28	138	142092	41.59	nq	85
53) 2,4-Dinitrophenol	14.49	184	63085	63.02	nq	# 81
54) Dibenzofuran	14.77	168	698639	39.83	nq	94
55) 4-Nitrophenol	14.59	139	110523	43.64	nq	81
56) 2,4-Dinitrotoluene	14.74	165	178769	45.62	nq	# 69
57) Fluorene	15.43	166	578989	39.82	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.00	232	134104	40.80	nq	# 100
59) Diethylphthalate	15.20	149	622263	44.28	nq	99
60) 4-Chlorophenyl-phenylether	15.42	204	288999	42.85	nq	93
61) 4-Nitroaniline	15.45	138	135172	39.90	nq	# 75
62) Azobenzene	15.72	77	496827	38.44	nq	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	92626	59.55	nq	81
65) n-Nitrosodiphenylamine	15.64	169	500566	40.29	nq	98
66) 4-Bromophenyl-phenylether	16.32	248	171092	42.57	nq	# 86
67) Hexachlorobenzene	16.43	284	179707	40.88	nq	# 85
68) Atrazine	16.59	200	159595	45.11	nq	99
69) Pentachlorophenol	16.77	266	103102	51.17	nq	97
70) Phenanthrene	17.16	178	853390	39.78	nq	99
71) Anthracene	17.26	178	856991	40.18	nq	99
72) Carbazole	17.53	167	747678	37.25	nq	99
73) Di-n-butylphthalate	18.09	149	900253	39.81	nq	99
74) Fluoranthene	19.19	202	870939	37.52	nq	97
76) Benzidine	19.37	184	441428	48.59	nq	98
77) Pyrene	19.55	202	892529	44.54	nq	100
79) Butylbenzylphthalate	20.46	149	345043	43.38	nq	96
80) Benzo(a)anthracene	21.30	228	779742	41.05	nq	100
81) 3,3'-Dichlorobenzidine	21.24	252	265301	42.07	nq	100
82) Chrysene	21.36	228	737026	43.01	nq	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	483489	40.39	nq	98
84) Di-n-octyl phthalate	22.12	149	804823	39.43	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.86	276	828919	38.98	nq	# 100
87) Benzo(b)fluoranthene	22.90	252	729432	38.03	nq	98
88) Benzo(k)fluoranthene	22.94	252	718055	46.02	nq	99
89) Benzo(a)pyrene	23.48	252	698800	42.76	nq	# 98
90) Dibenzo(a,h)anthracene	25.87	278	690862	42.61	nq	99
91) Benzo(g,h,i)perylene	26.56	276	697358	42.49	nq	98

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

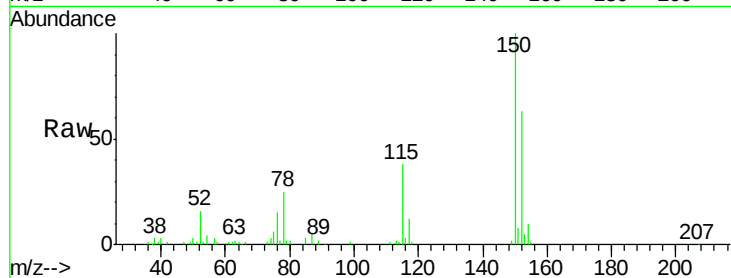


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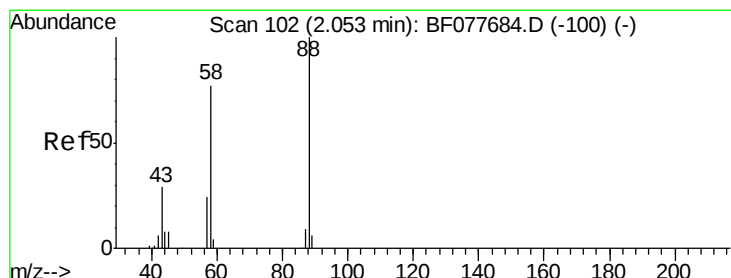
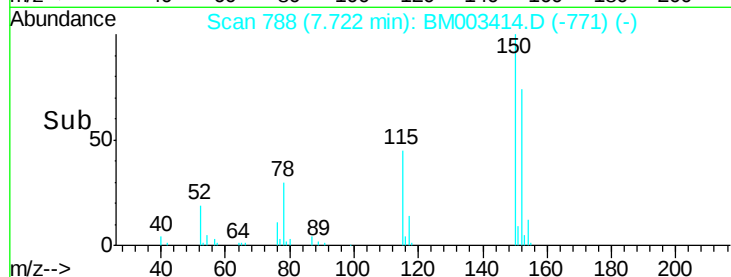
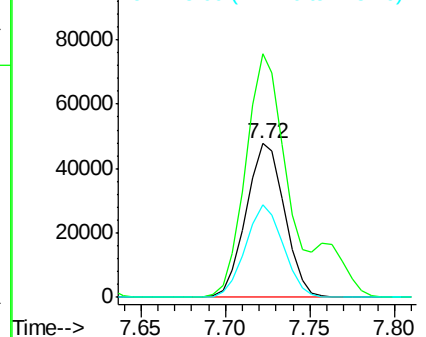
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 75722
Ion Ratio Lower Upper
152 100
150 158.7 119.5 179.3
115 60.7 43.0 64.4



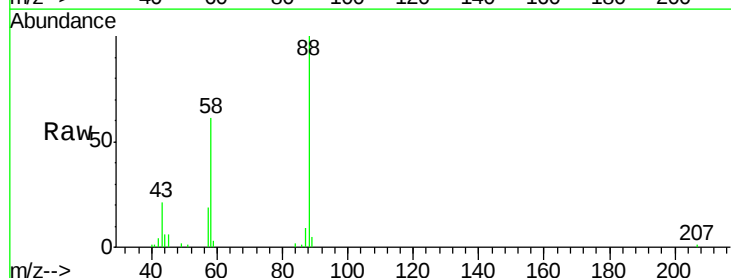
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



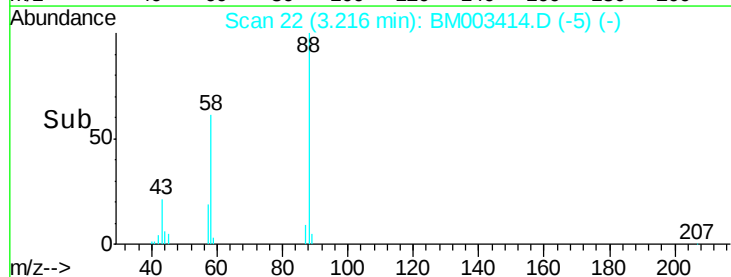
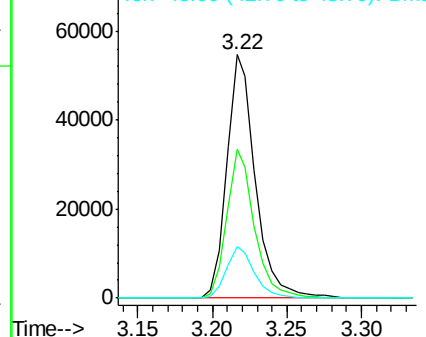
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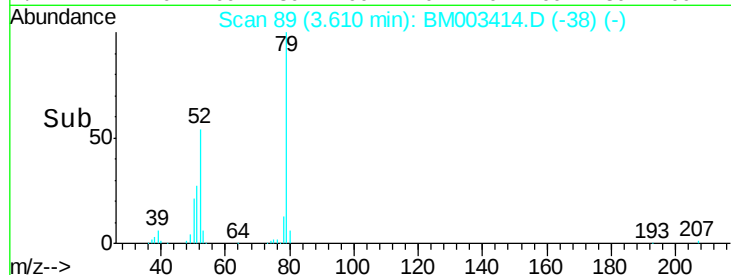
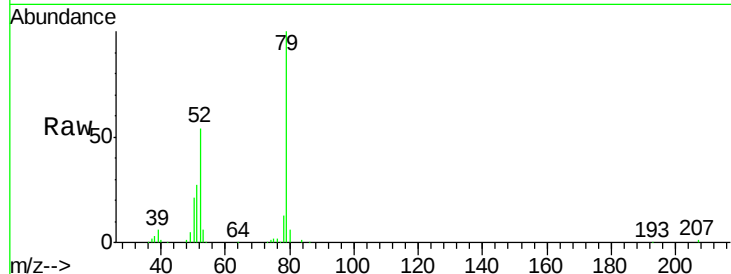
1,4-Dioxane
Concen: 37.66 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion: 88 Resp: 73379
Ion Ratio Lower Upper
88 100
58 59.5 0.0 0.0#
43 20.7 0.0 0.0#



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



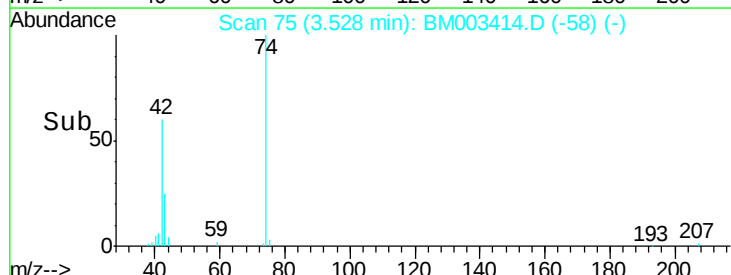
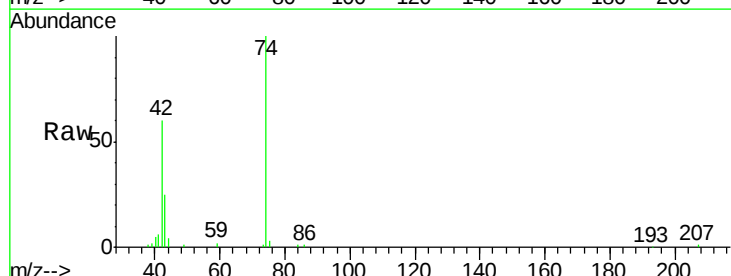
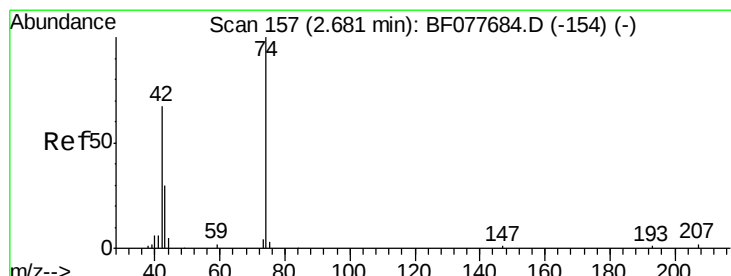
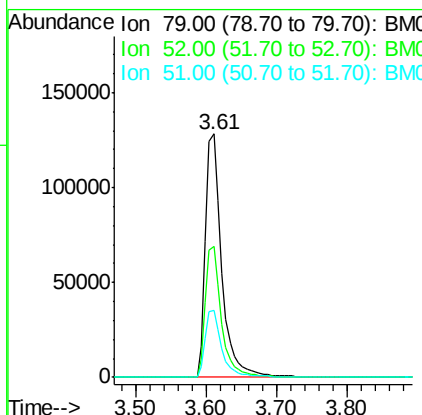


#3
Pvridine
Concen: 39.05 ng
RT: 3.61 min Scan# 89
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion: 79 Resp: 206670

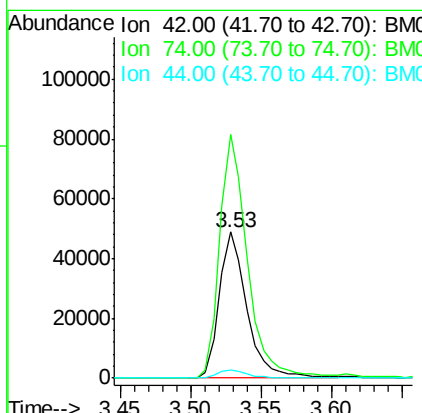
Ion	Ratio	Lower	Upper
79	100		
52	53.6	51.1	76.7
51	27.3	26.1	39.1



#4
n-Nitrosodimethylamine
Concen: 30.50 ng
RT: 3.53 min Scan# 75
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion: 42 Resp: 66775

Ion	Ratio	Lower	Upper
42	100		
74	166.5	119.3	178.9
44	6.0	5.4	8.2





#5

2-Fluorophenol

Concen: 81.98 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

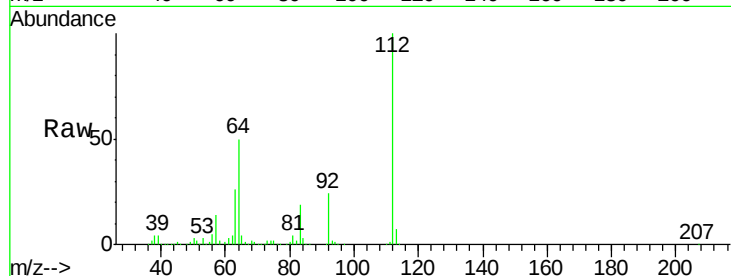
Tot Ion:112 Resp: 359017

Ion Ratio Lower Upper

112 100

64 49.6 38.6 57.8

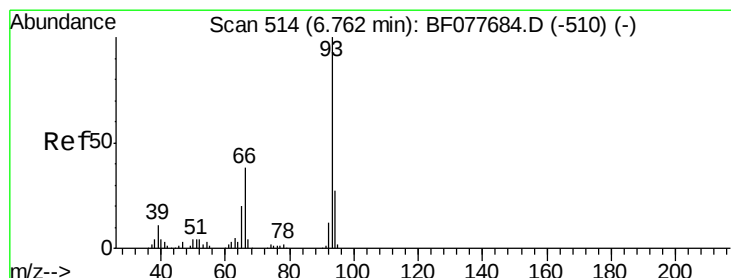
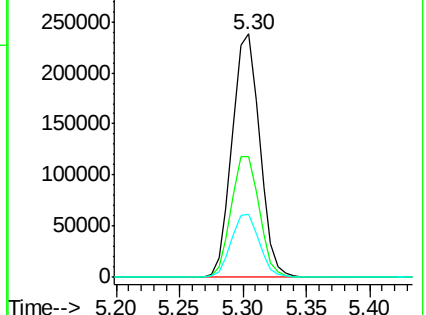
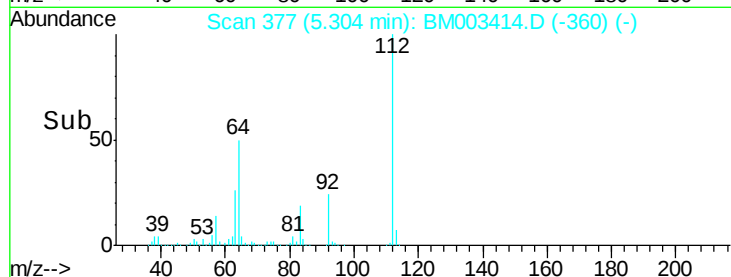
63 25.8 19.3 28.9



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: 41.54 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

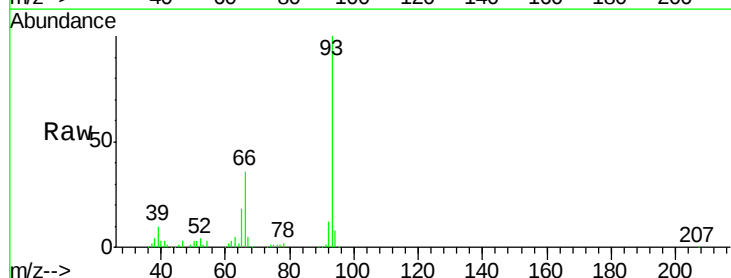
Tgt Ion: 93 Resp: 322210

Ion Ratio Lower Upper

93 100

66 36.2 30.8 46.2

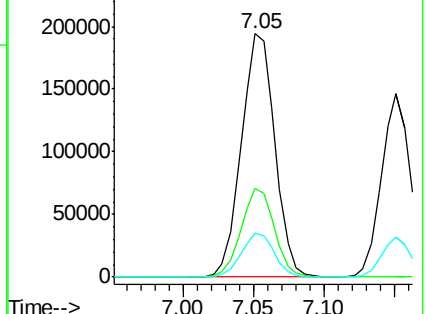
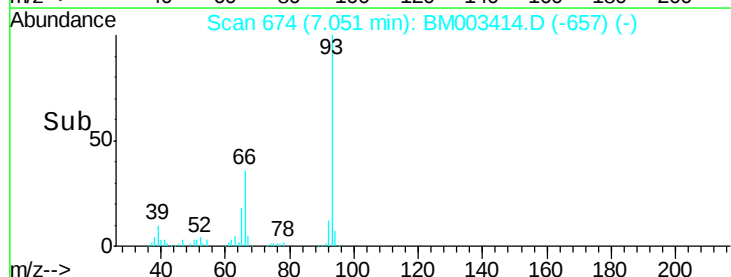
65 18.2 16.0 24.0

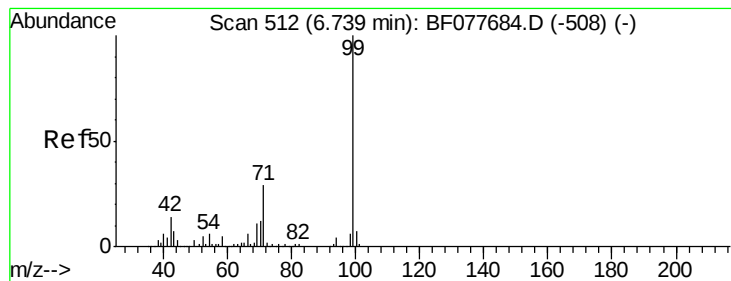


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 90.18 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

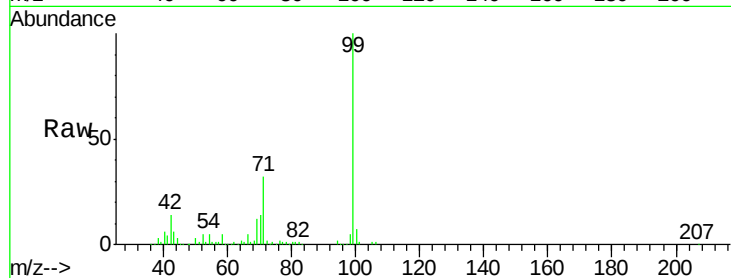
Tot Ion: 99 Resp: 494425

Ion Ratio Lower Upper

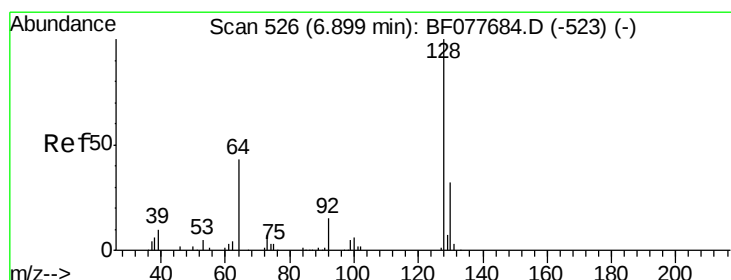
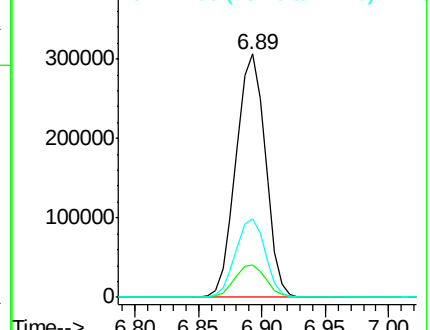
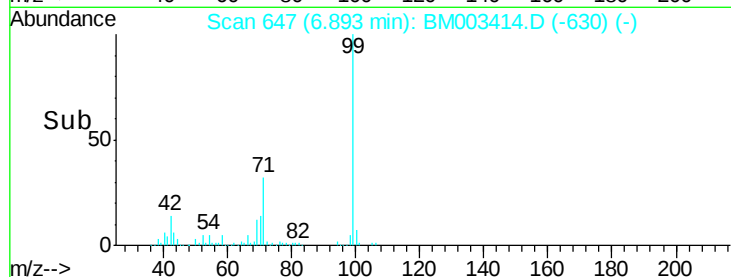
99 100

42 13.5 11.0 16.4

71 32.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-630) (-)



#8

2-Chlorophenol

Concen: 42.59 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

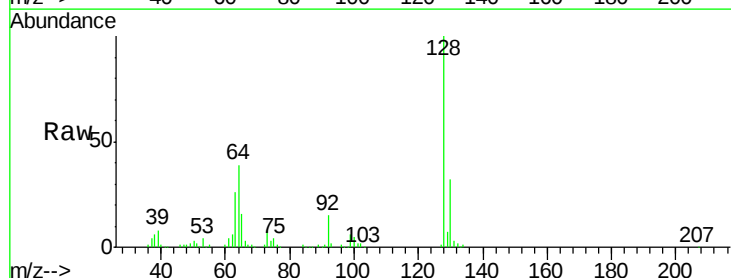
Tgt Ion: 128 Resp: 223905

Ion Ratio Lower Upper

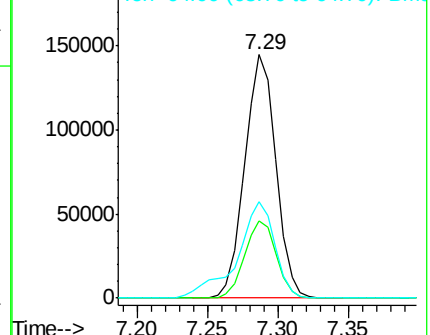
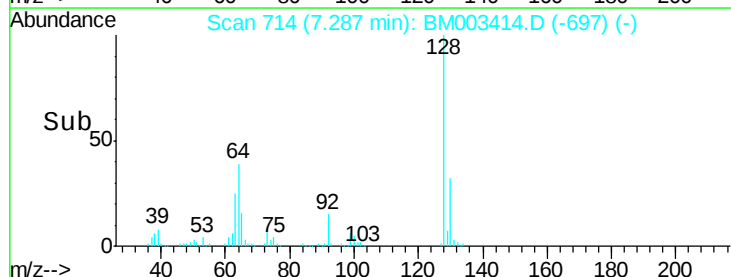
128 100

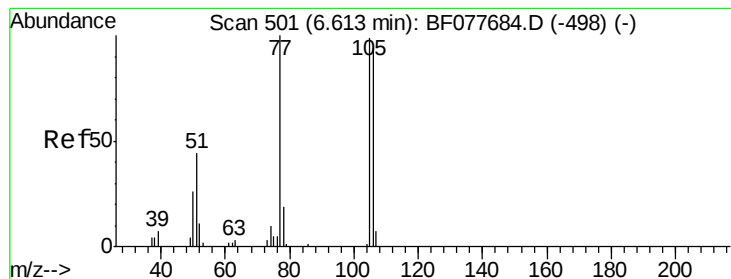
130 31.7 12.0 52.0

64 39.4 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-697) (-)





#9

Benzaldehyde

Concen: 54.56 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

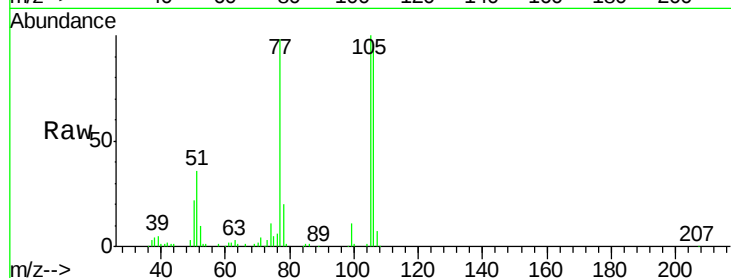
Tot Ion: 77 Resp: 127757

Ion Ratio Lower Upper

77 100

105 102.1 78.8 118.8

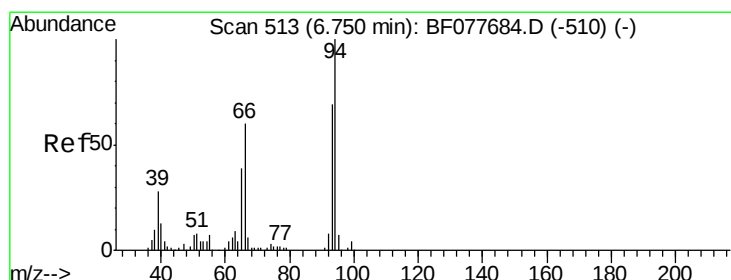
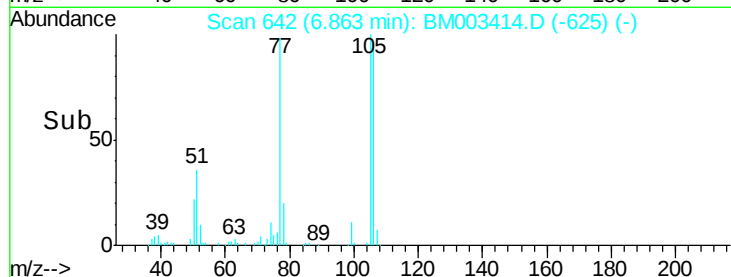
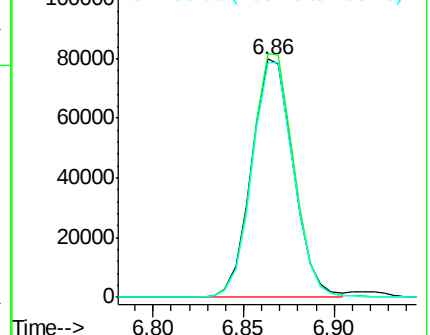
106 98.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BMC

Ion 105.00 (104.70 to 105.70): BMC

Ion 106.00 (105.70 to 106.70): BMC



#10

Phenol

Concen: 40.57 ng

RT: 6.92 min Scan# 651

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

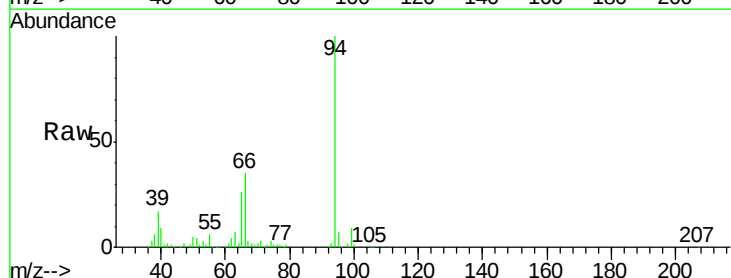
Tgt Ion: 94 Resp: 259138

Ion Ratio Lower Upper

94 100

65 26.3 18.8 58.8

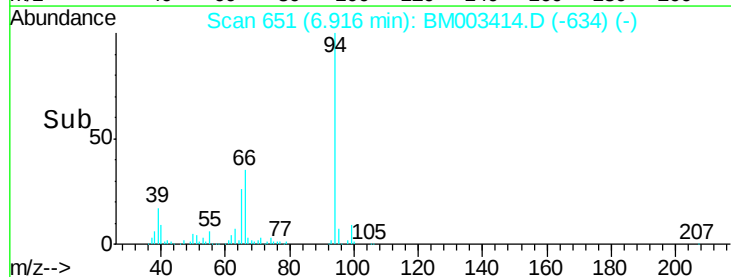
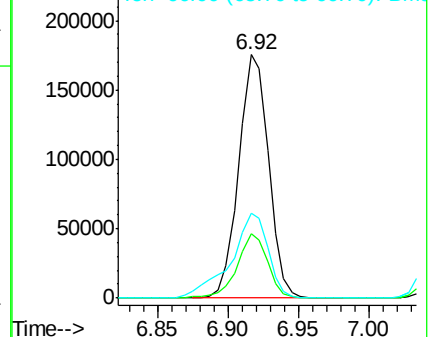
66 35.1 39.9 79.9#

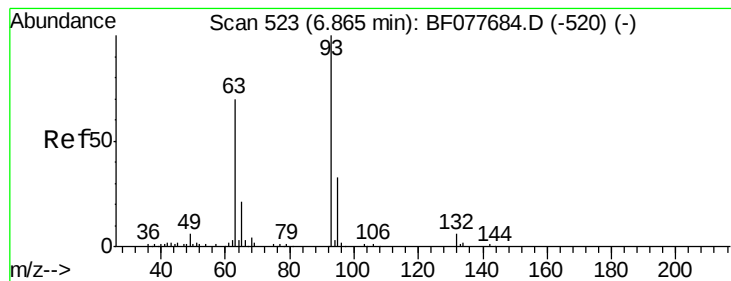


Abundance Ion 94.00 (93.70 to 94.70): BMC

Ion 65.00 (64.70 to 65.70): BMC

Ion 66.00 (65.70 to 66.70): BMC

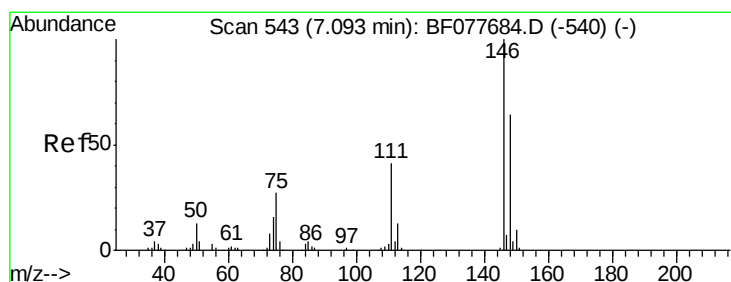
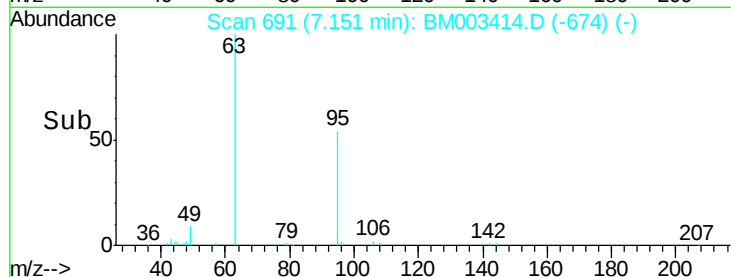
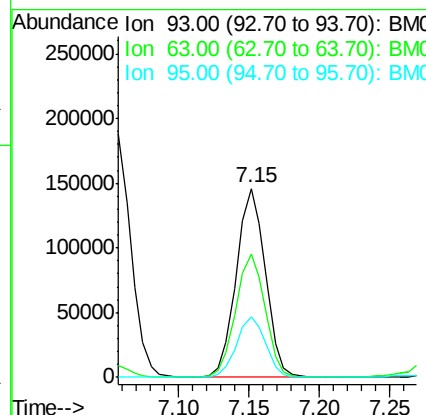
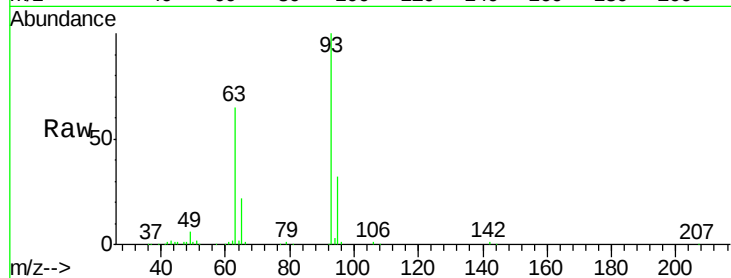




#11
bis(2-Chloroethyl)ether
Concen: 43.51 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

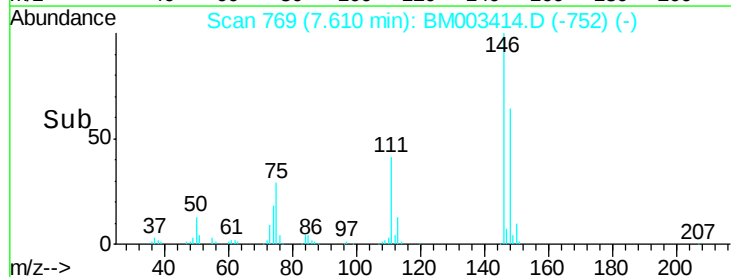
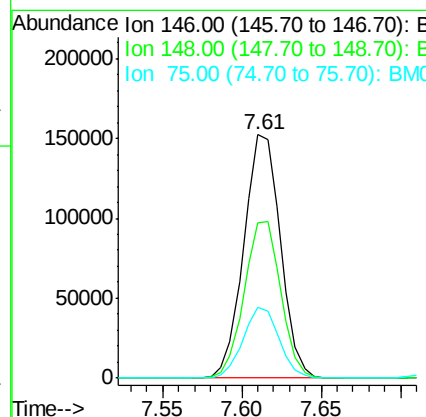
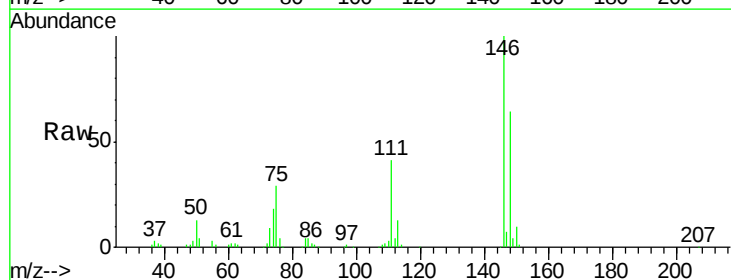
Instrument :
BNA_M
ClientSampleId :

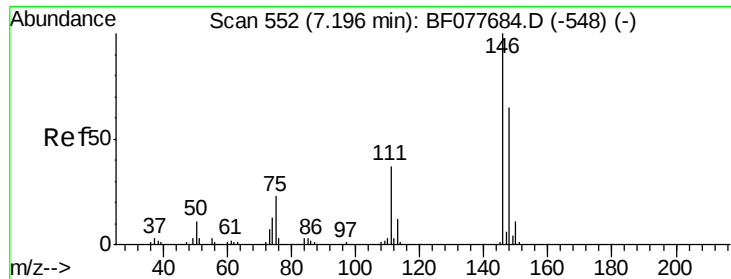
Tot Ion	Ratio	Lower	Upper
93	100		
63	65.2	49.5	89.5
95	32.3	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 41.94 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	50.9	76.3
75	29.3	21.4	32.2





#13

1,4-Dichlorobenzene

Concen: 41.45 ng

RT: 7.76 min Scan# 794

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

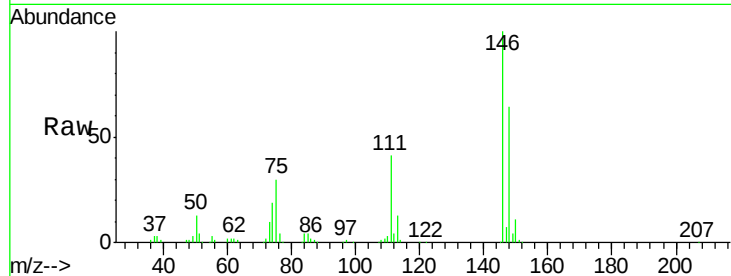
Tot Ion:146 Resp: 251195

Ion Ratio Lower Upper

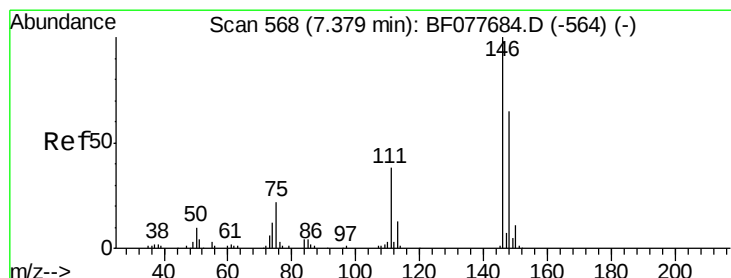
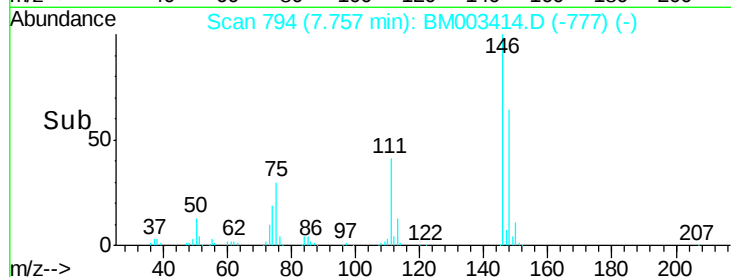
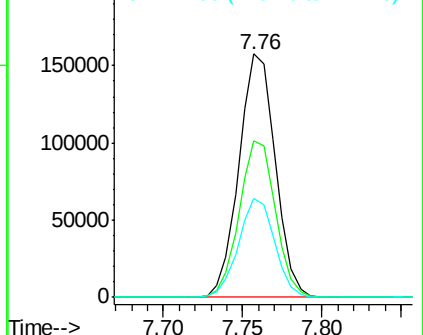
146 100

148 64.2 51.9 77.9

111 40.6 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: 42.80 ng

RT: 8.07 min Scan# 848

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

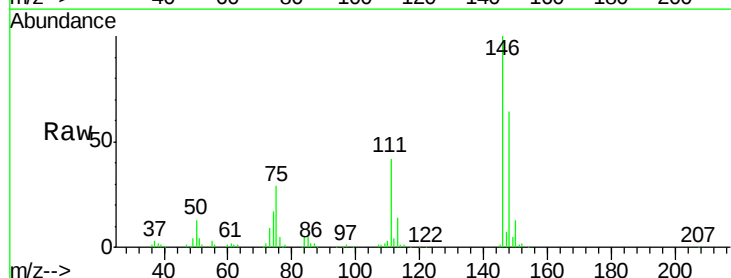
Tgt Ion:146 Resp: 238826

Ion Ratio Lower Upper

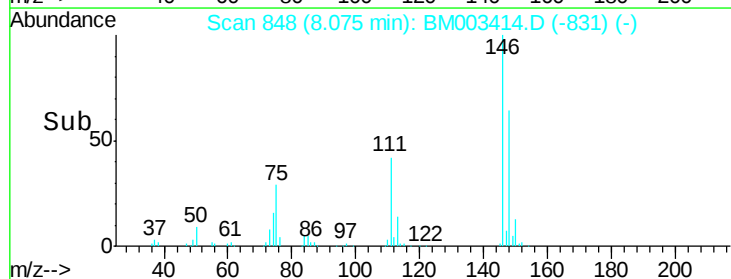
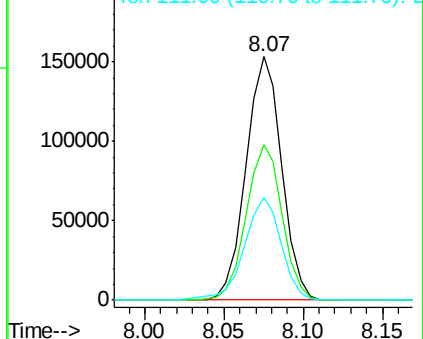
146 100

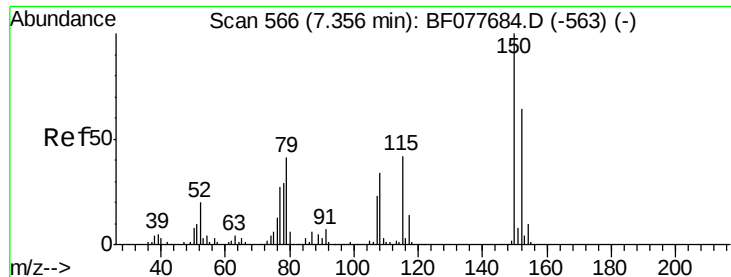
148 63.5 52.3 78.5

111 42.2 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: 41.43 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

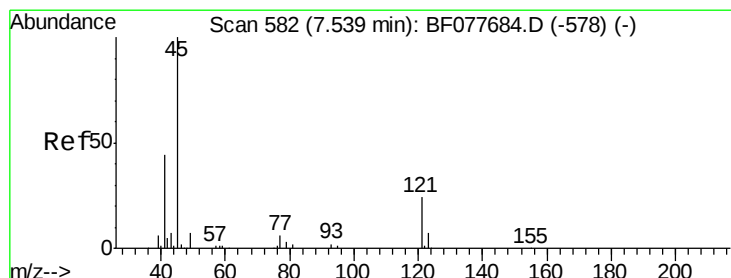
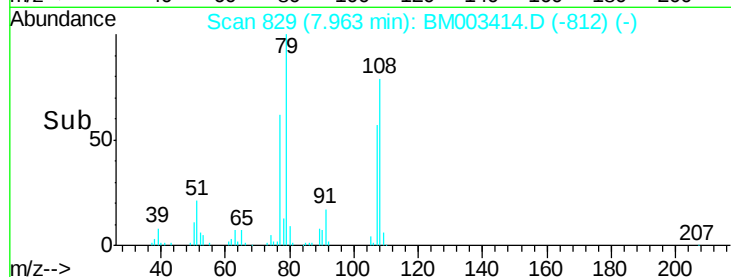
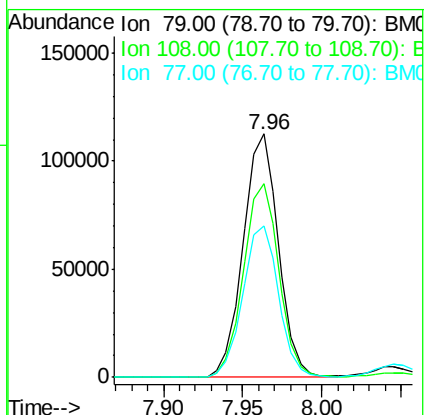
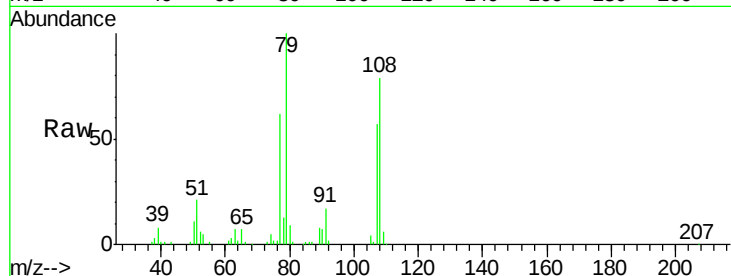
Tot Ion: 79 Resp: 174721

Ion Ratio Lower Upper

79 100

108 79.5 65.0 97.4

77 62.5 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 35.36 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

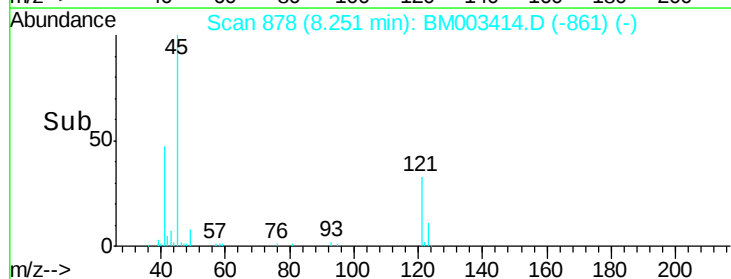
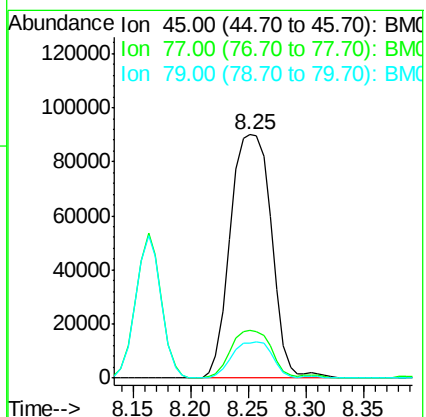
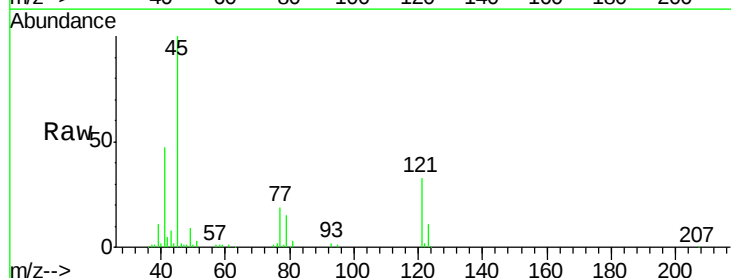
Tgt Ion: 45 Resp: 222949

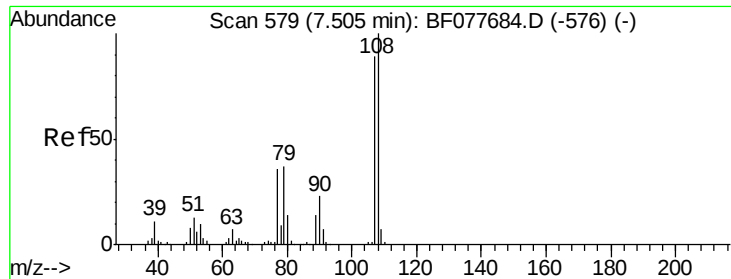
Ion Ratio Lower Upper

45 100

77 19.4 0.0 35.2

79 14.5 0.0 32.0

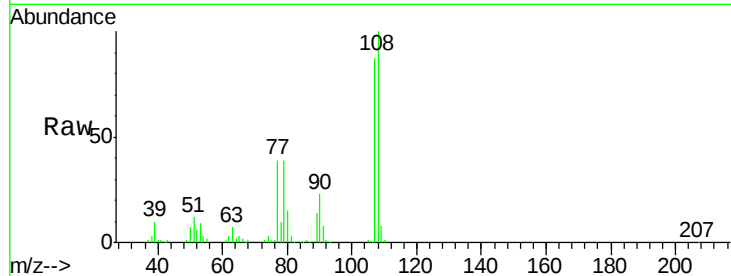




#17
2-Methylphenol
Concen: 43.05 ng
RT: 8.16 min Scan# 863
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Instrument :
BNA_M
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.5	89.8	134.8
77	45.1	32.6	48.8
79	44.1	32.8	49.2



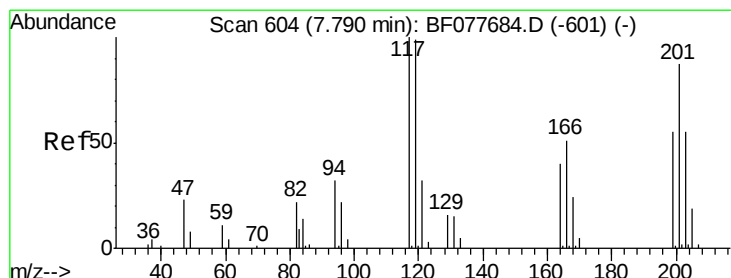
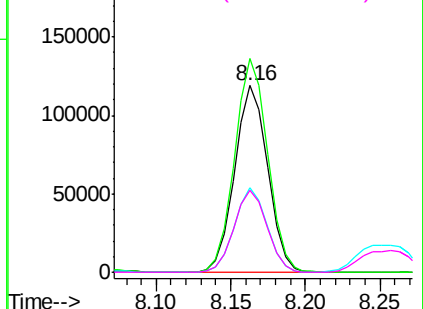
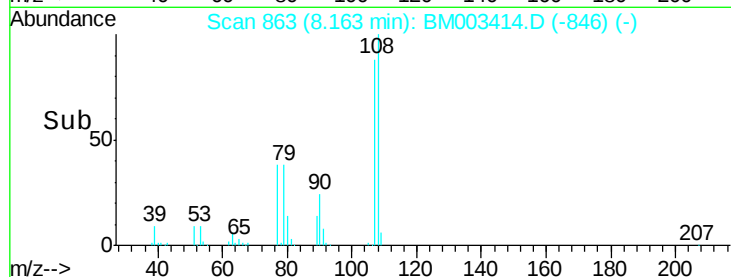
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

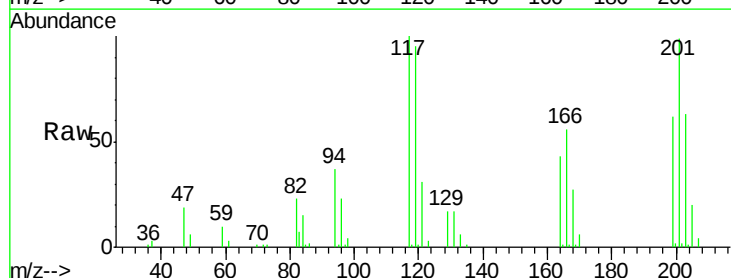
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 43.76 ng
RT: 8.80 min Scan# 971
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	79.2	118.8
201	99.1	69.8	104.6

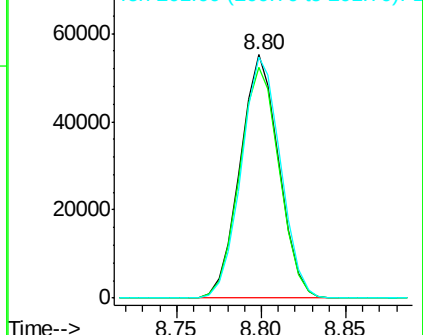
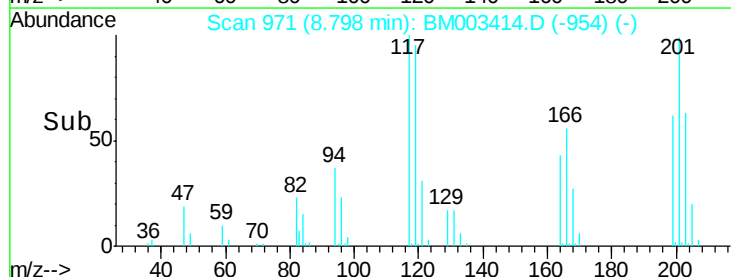


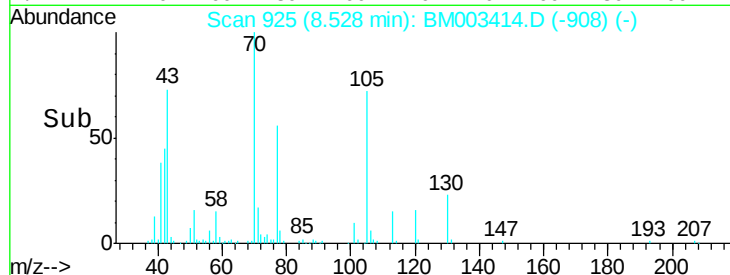
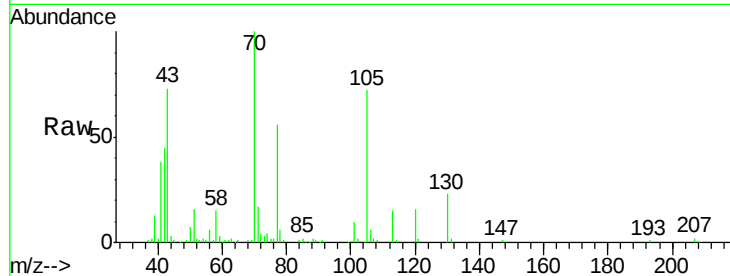
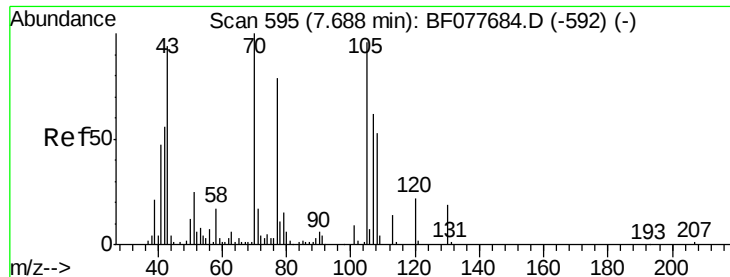
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

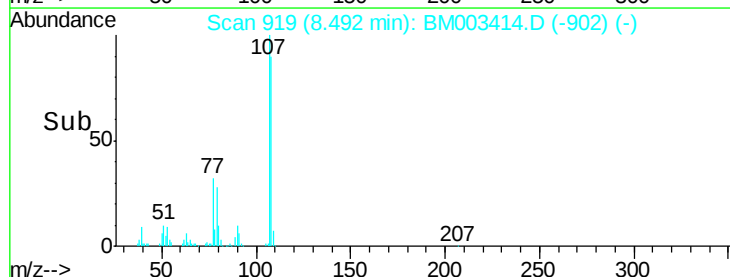
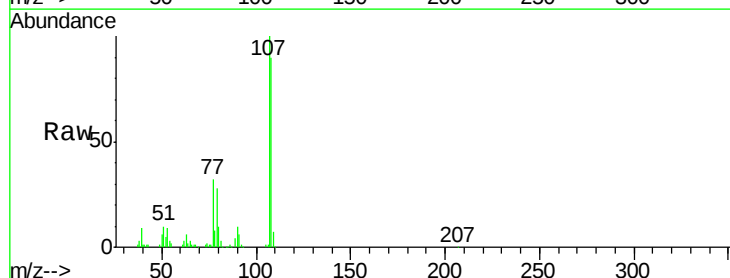
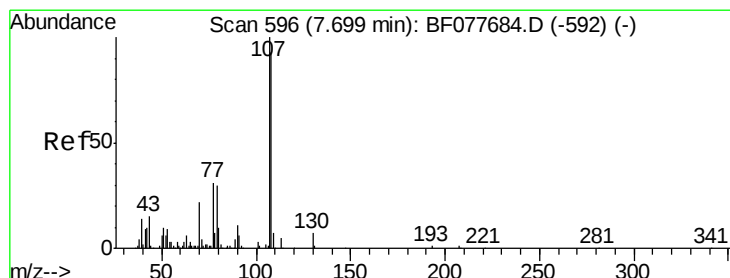
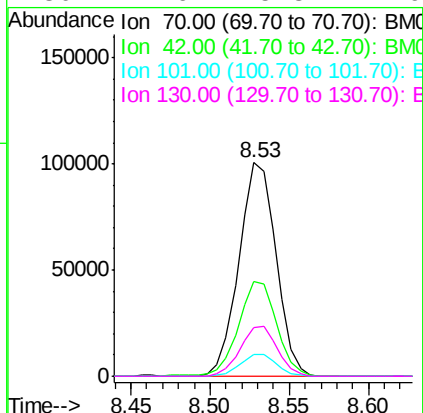




#19
n-Nitroso-di-n-propylamine
Concen: 43.24 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

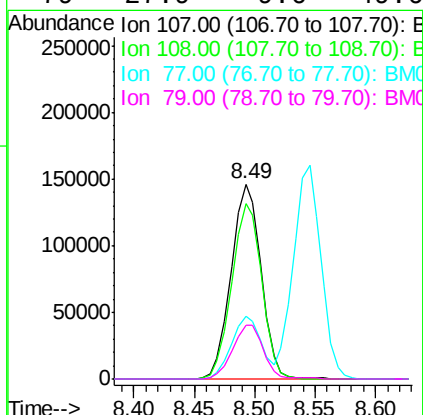
Instrument :
BNA_M
ClientSampleId :

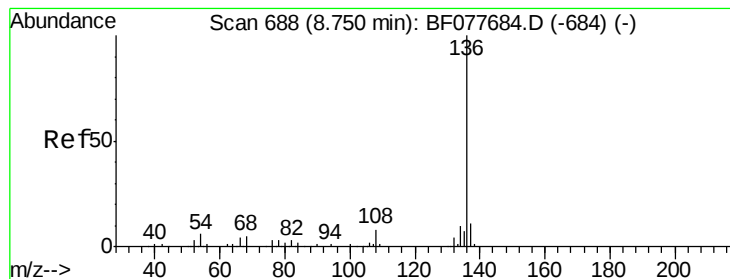
Tot Ion:	70	Resp:	163549
Ion	Ratio	Lower	Upper
70	100		
42	44.6	44.5	66.7
101	10.1	7.4	11.2
130	22.6	15.3	22.9



#20
3+4-Methylphenols
Concen: 44.77 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion:	107	Resp:	253542
Ion	Ratio	Lower	Upper
107	100		
108	90.0	73.2	113.2
77	32.4	10.7	50.7
79	27.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 344071

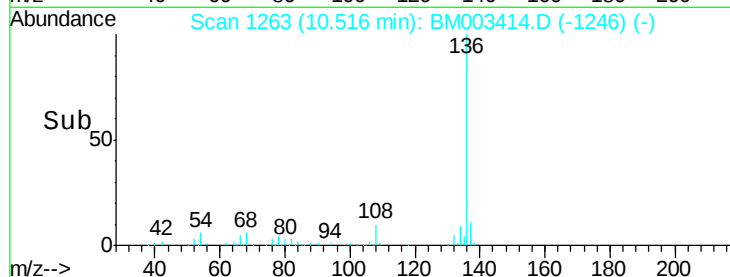
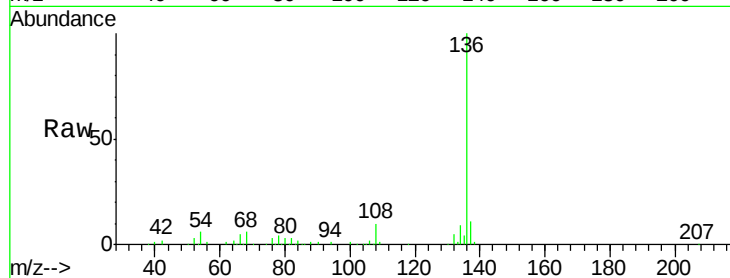
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 6.0 4.6 6.8

68 5.8 3.7 5.5#



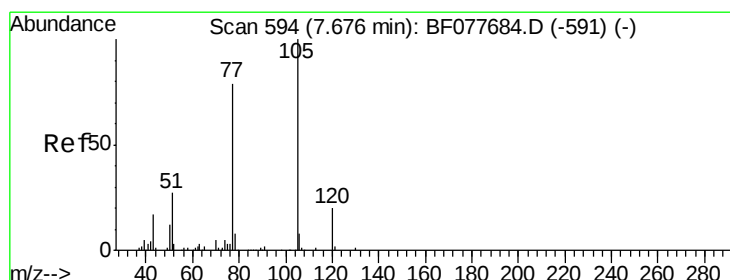
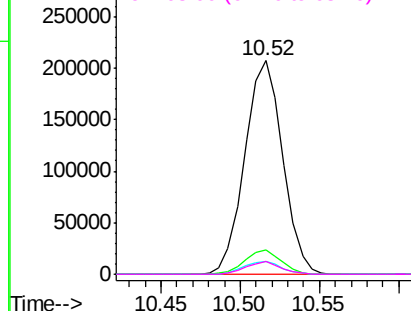
Abundance

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: 45.01 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Tgt Ion:105 Resp: 351165

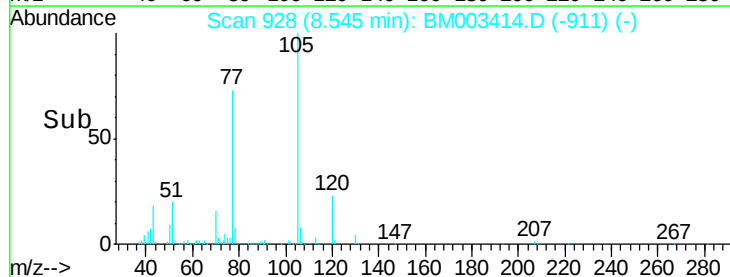
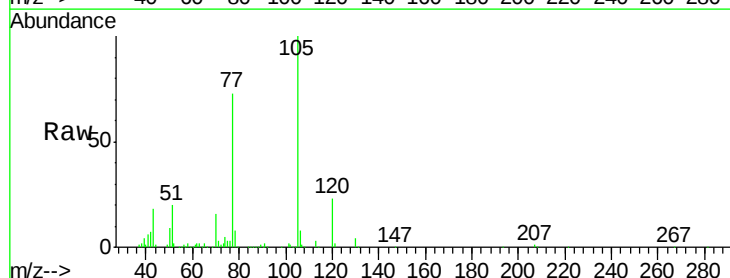
Ion Ratio Lower Upper

105 100

71 2.6 0.6 1.0#

51 19.8 21.6 32.4#

120 23.1 16.1 24.1



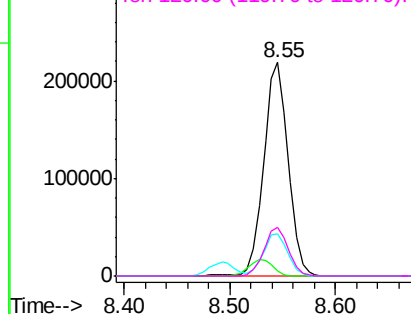
Abundance

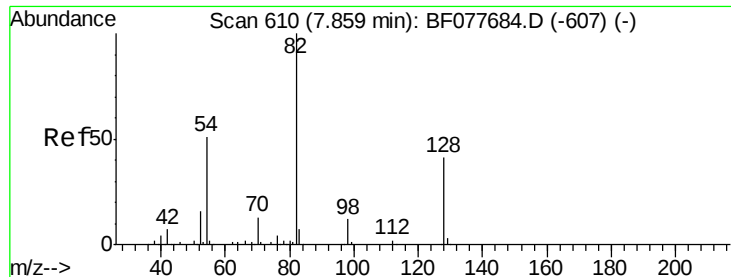
Ion 105.00 (104.70 to 105.70): E

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

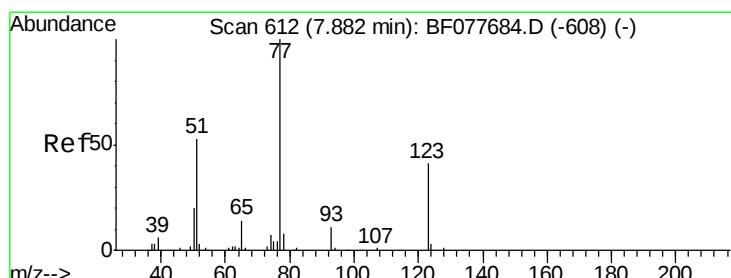
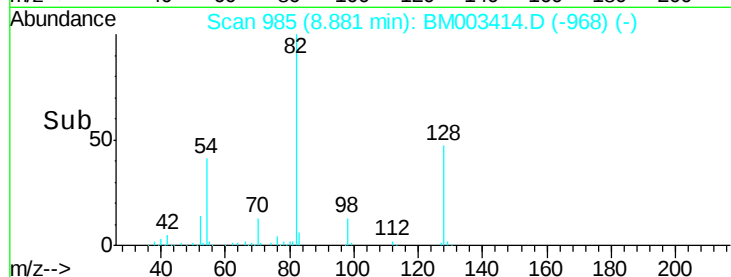
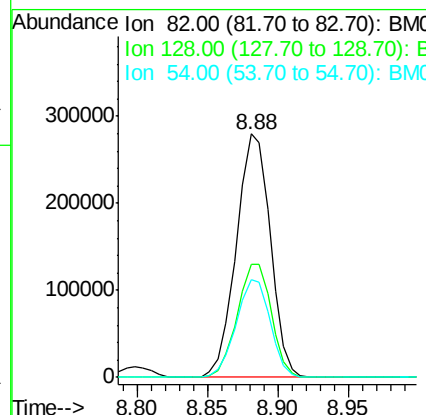
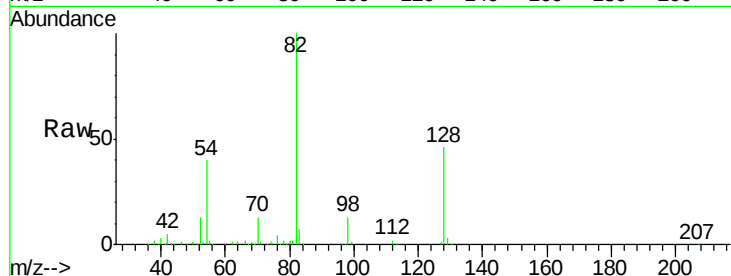




#23
 Nitrobenzene-d5
 Concen: 87.93 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

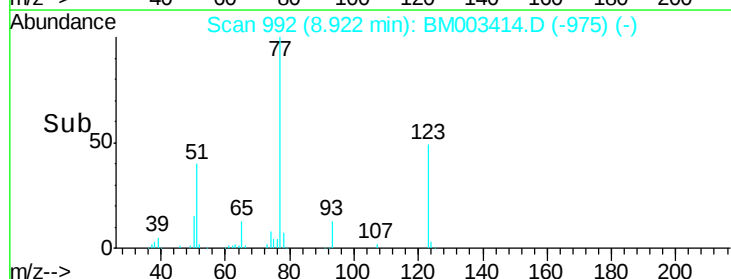
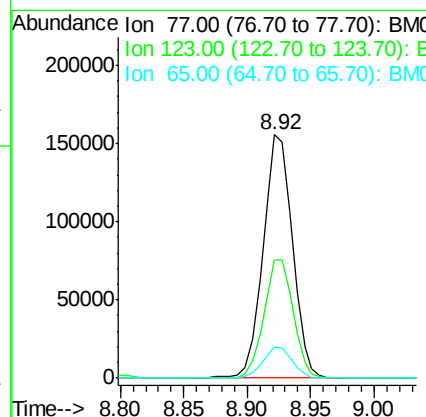
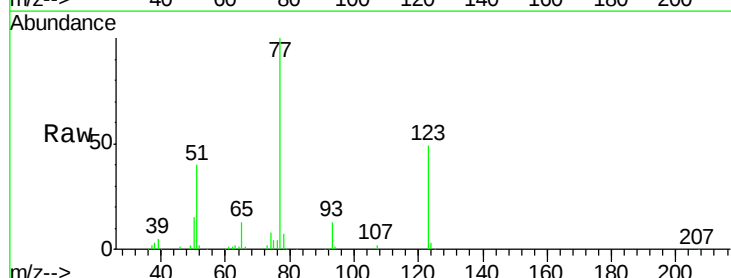
Instrument :
 BNA_M
 ClientSampleId :

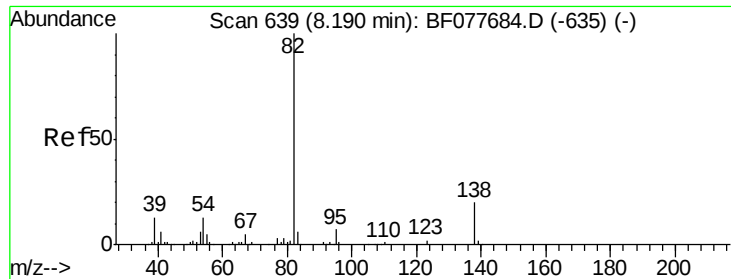
Tot Ion: 82 Resp: 471972
 Ion Ratio Lower Upper
 82 100
 128 46.3 32.8 49.2
 54 40.4 40.6 60.8#



#24
 Nitrobenzene
 Concen: 43.36 ng
 RT: 8.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion: 77 Resp: 250956
 Ion Ratio Lower Upper
 77 100
 123 48.6 32.6 49.0
 65 12.6 10.9 16.3





#25

Isophorone

Concen: 44.30 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

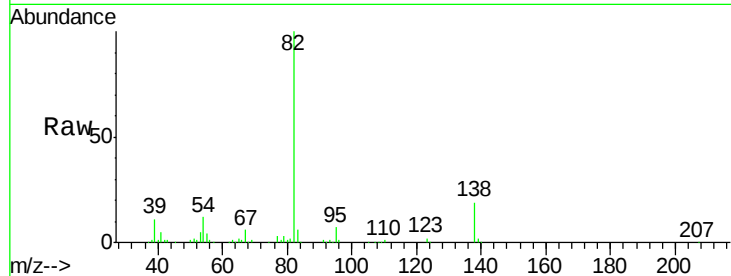
Tot Ion: 82 Resp: 478488

Ion Ratio Lower Upper

82 100

95 7.3 5.8 8.6

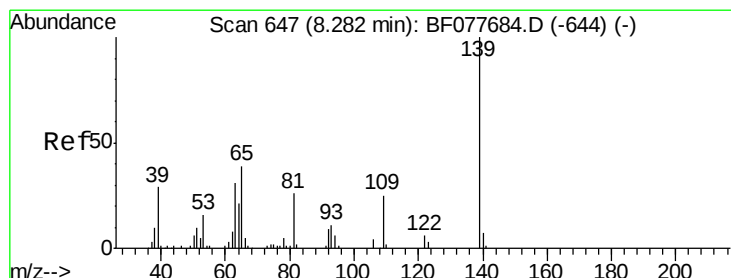
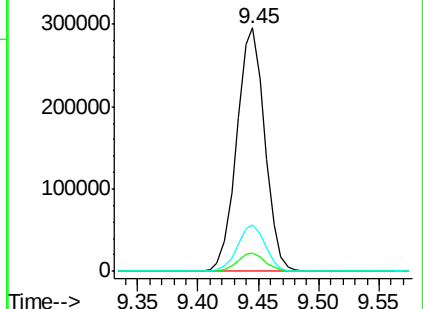
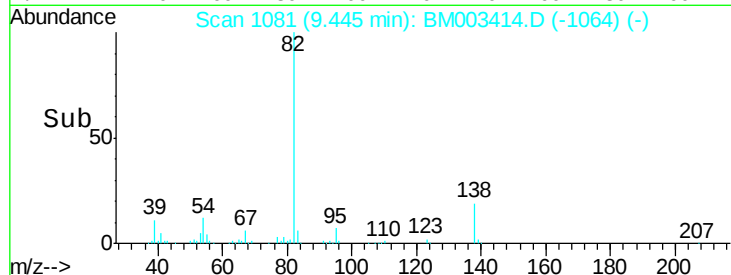
138 19.1 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-1064) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-1064) (-)

Ion 138.00 (137.70 to 138.70): BM003414.D (-1064) (-)



#26

2-Nitrophenol

Concen: 44.82 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

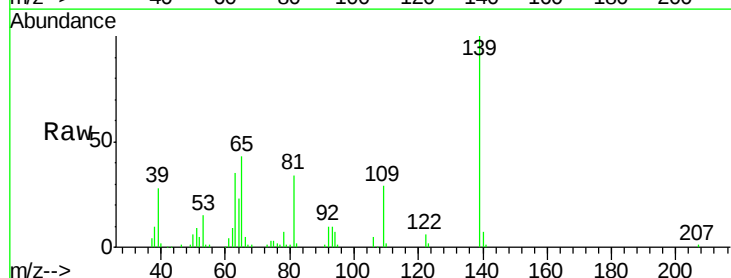
Tgt Ion: 139 Resp: 125409

Ion Ratio Lower Upper

139 100

109 29.5 20.1 30.1

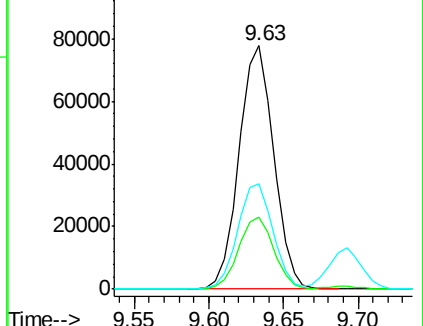
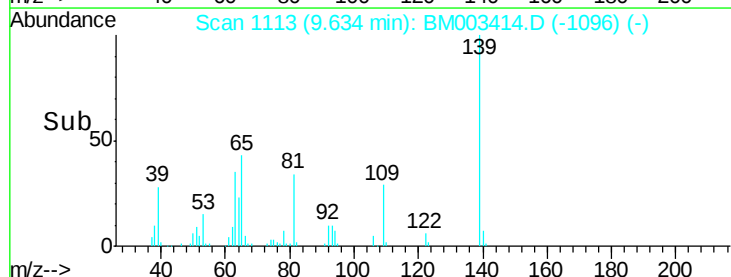
65 43.3 31.5 47.3

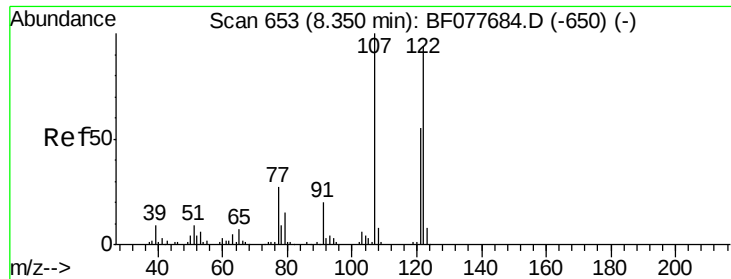


Abundance Ion 139.00 (138.70 to 139.70): BM003414.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM003414.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-1096) (-)





#27

2,4-Dimethylphenol

Concen: 43.03 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

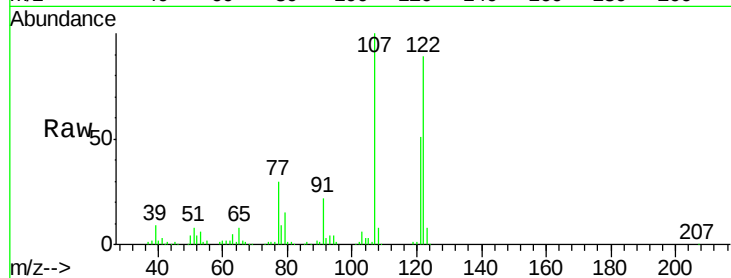
Tot Ion:122 Resp: 219808

Ion Ratio Lower Upper

122 100

107 112.9 84.7 127.1

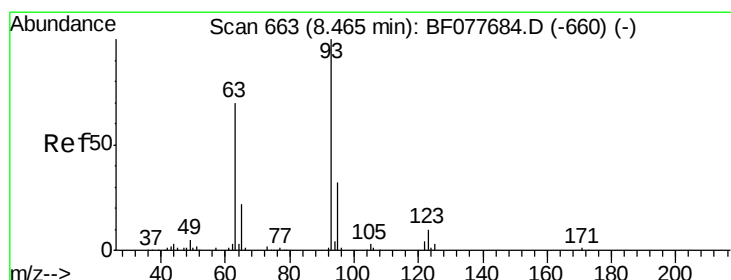
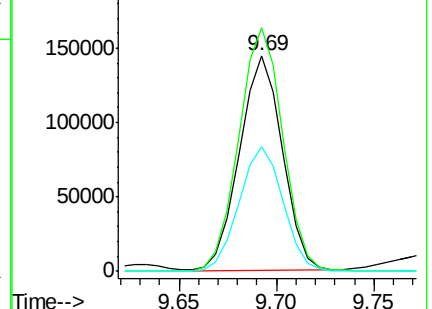
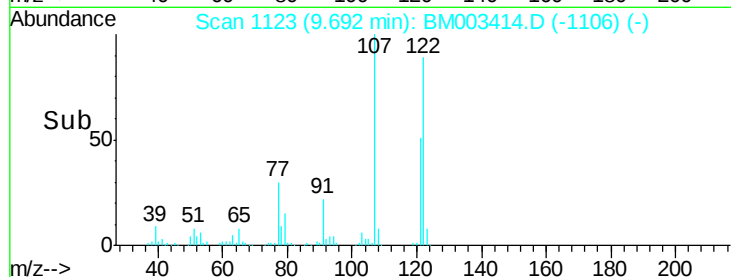
121 57.8 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.58 ng

RT: 9.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

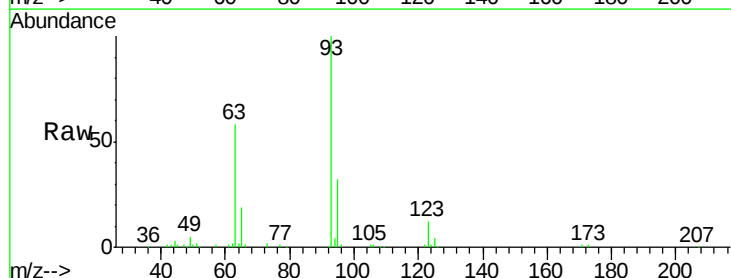
Tgt Ion: 93 Resp: 278200

Ion Ratio Lower Upper

93 100

95 32.3 25.5 38.3

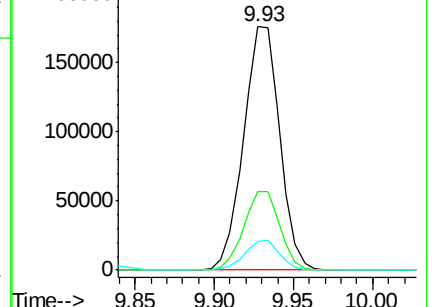
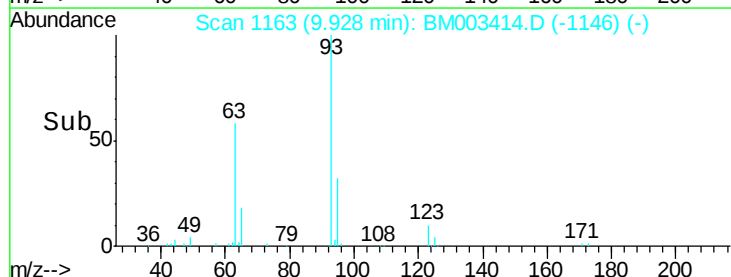
123 11.6 8.6 13.0

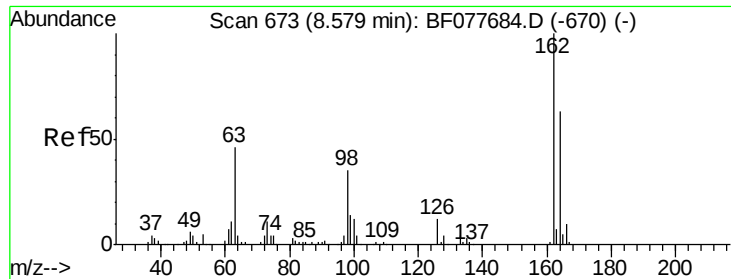


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 95.00 (94.70 to 95.70): BM

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.62 ng

RT: 10.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

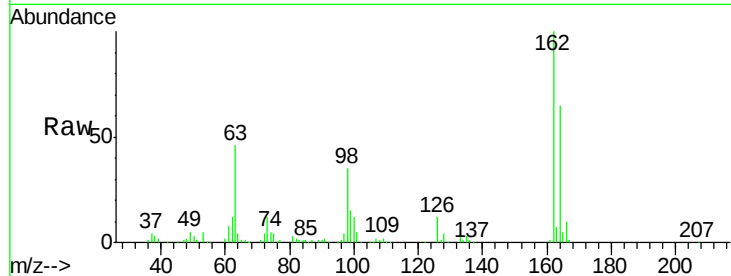
Tot Ion:162 Resp: 212886

Ion Ratio Lower Upper

162 100

164 64.9 42.8 82.8

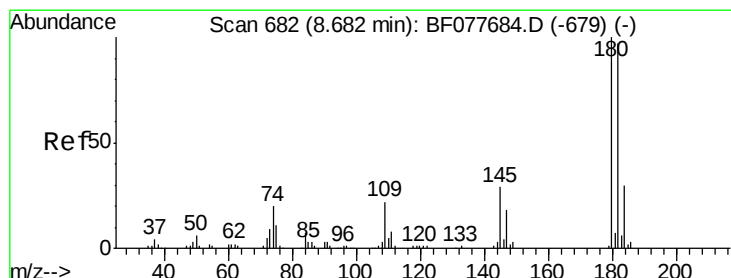
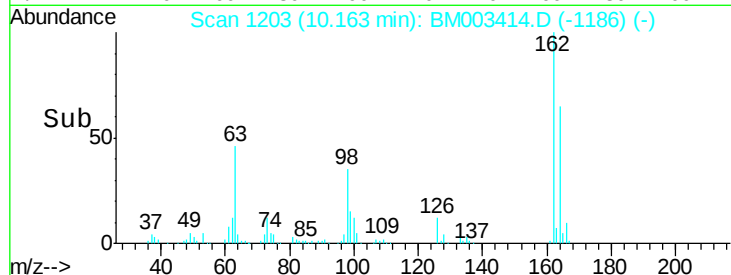
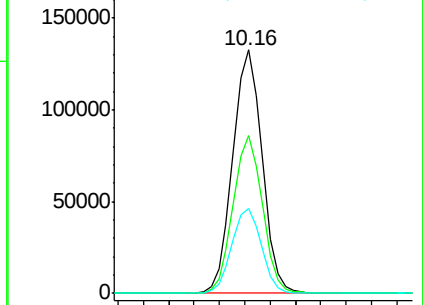
98 34.9 14.5 54.5



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): BMO



#30

1,2,4-Trichlorobenzene

Concen: 42.54 ng

RT: 10.38 min Scan# 1240

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

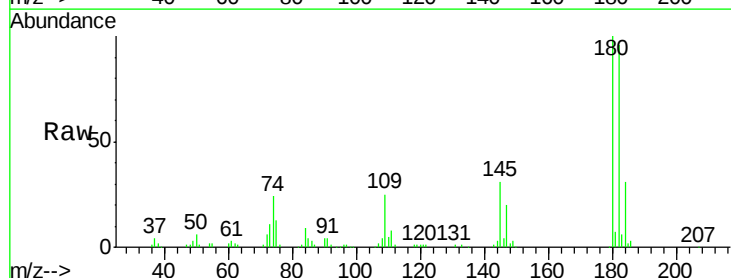
Tgt Ion:180 Resp: 231672

Ion Ratio Lower Upper

180 100

182 95.6 77.6 116.4

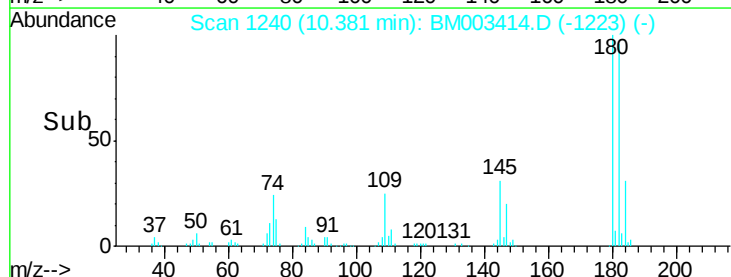
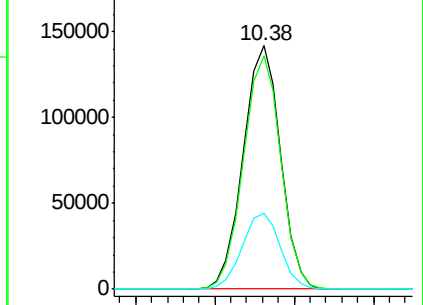
145 31.3 23.4 35.2

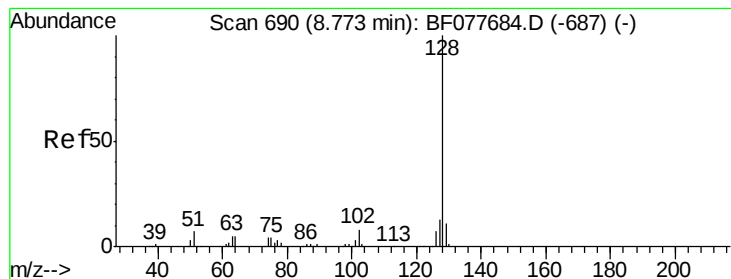


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 41.27 ng

RT: 10.56 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

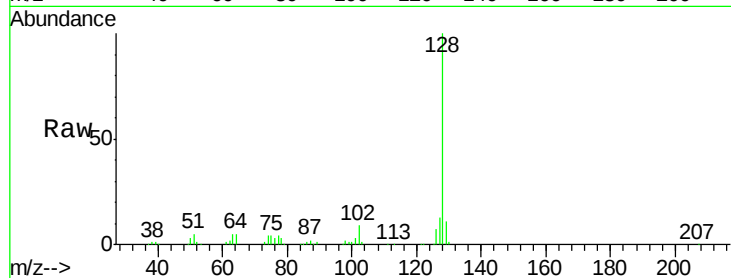
Tot Ion:128 Resp: 735677

Ion Ratio Lower Upper

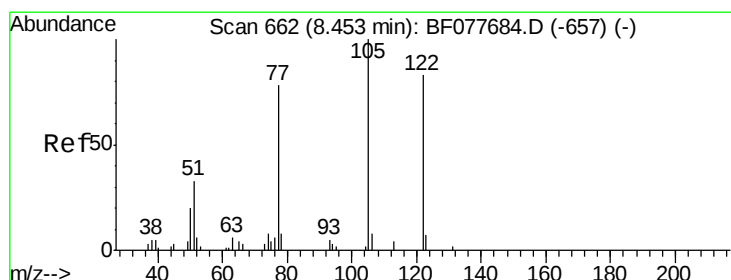
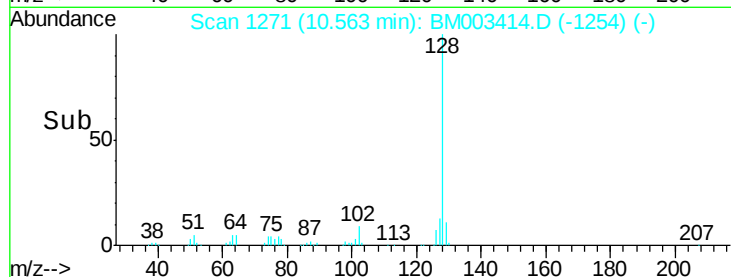
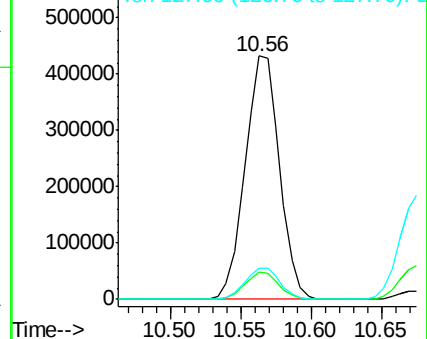
128 100

129 11.0 8.9 13.3

127 12.8 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: 52.38 ng

RT: 9.83 min Scan# 1147

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

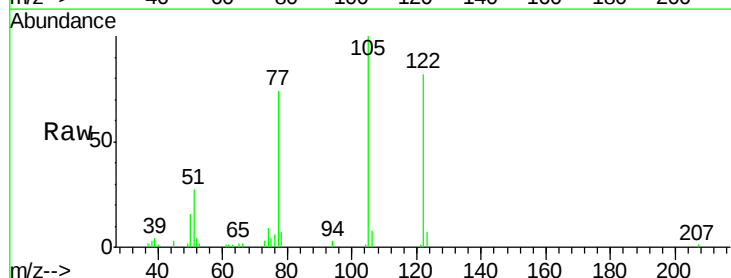
Tgt Ion:122 Resp: 132158

Ion Ratio Lower Upper

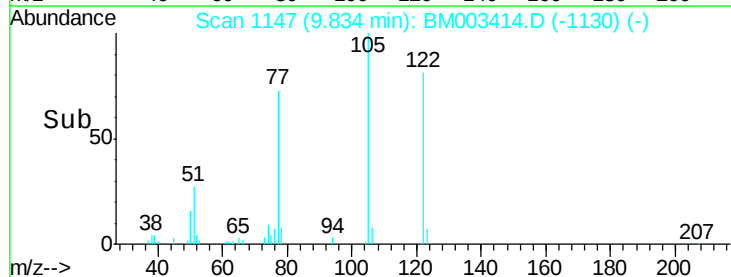
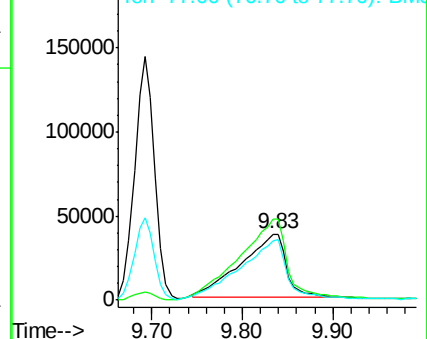
122 100

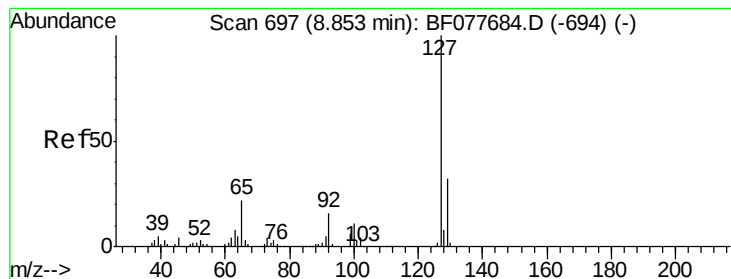
105 122.4 99.9 139.9

77 90.3 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): BM





#33

4-Chloroaniline

Concen: 42.37 ng

RT: 10.67 min Scan# 1290

Delta R.T. 0.00 min

Lab File: BM003414.D

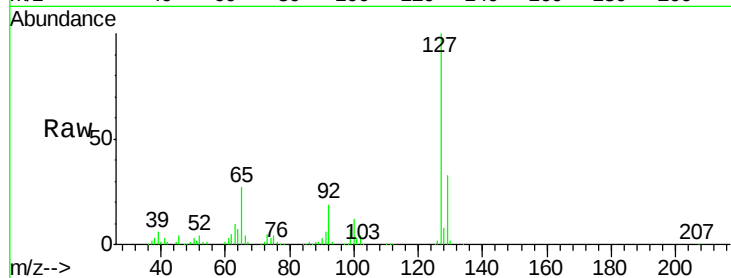
Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	127	Resp:	306321
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.3	37.9
65	27.2	17.6	26.4
92	19.1	13.1	19.7

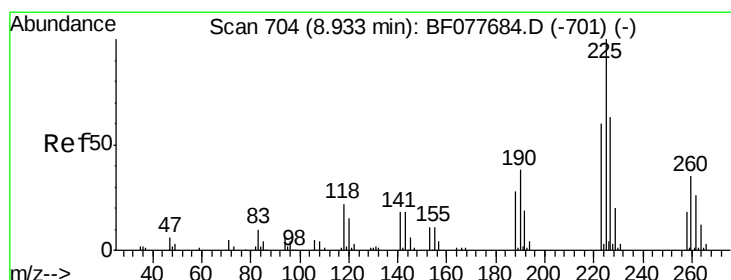
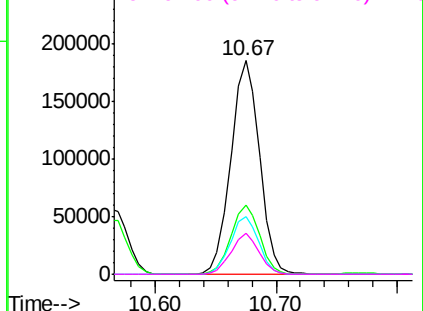
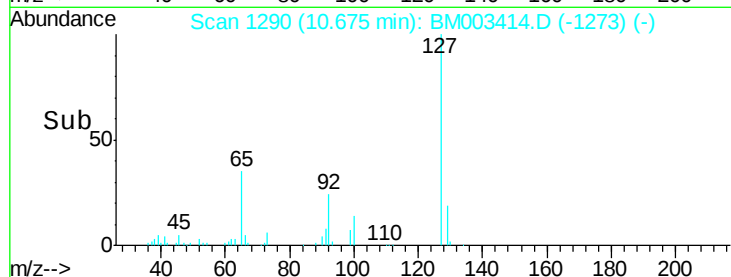


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34

Hexachlorobutadiene

Concen: 44.06 ng

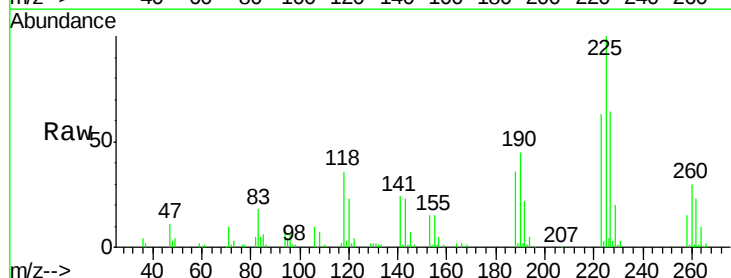
RT: 10.85 min Scan# 1320

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

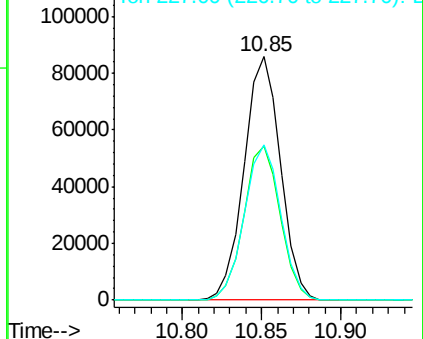
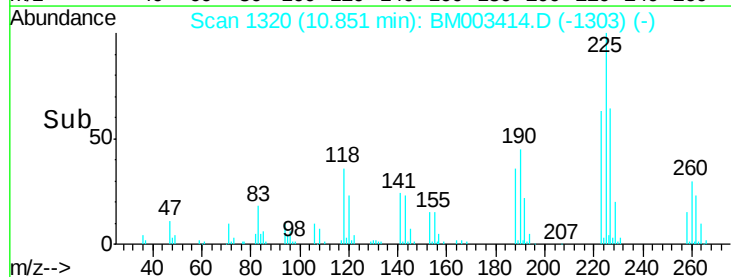
Tgt Ion:	225	Resp:	137259
Ion	Ratio	Lower	Upper
225	100		
223	63.4	47.9	71.9
227	63.7	50.1	75.1

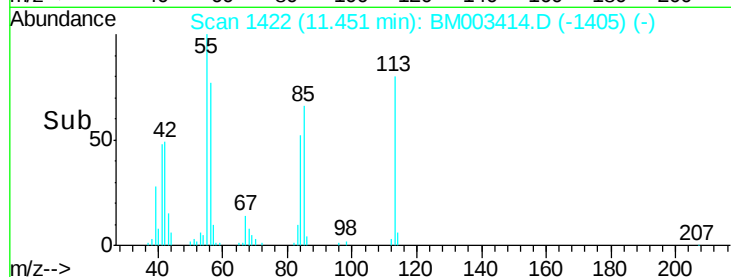
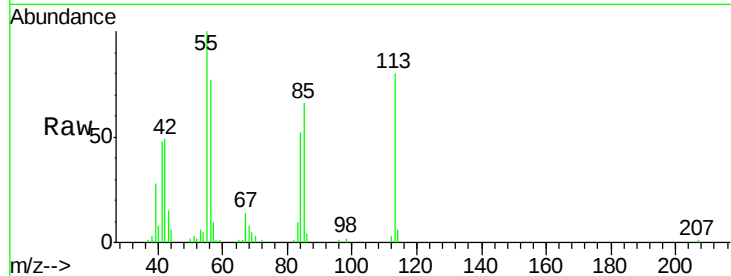
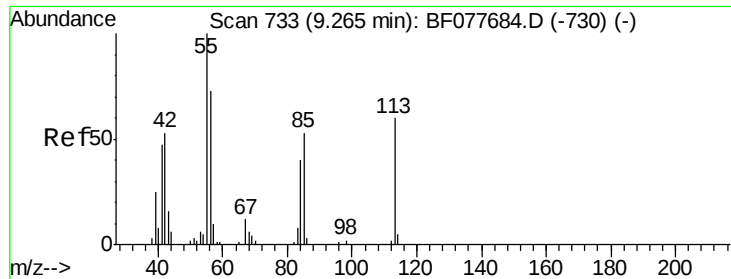


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 45.95 ng

RT: 11.45 min Scan# 1422

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

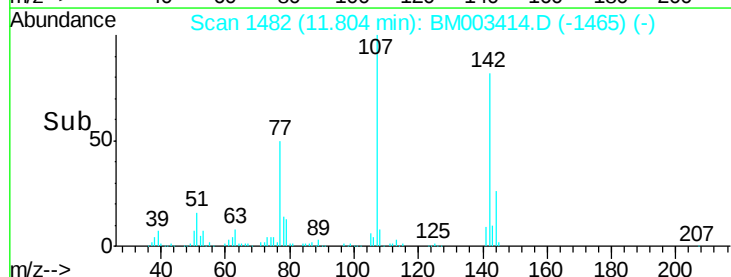
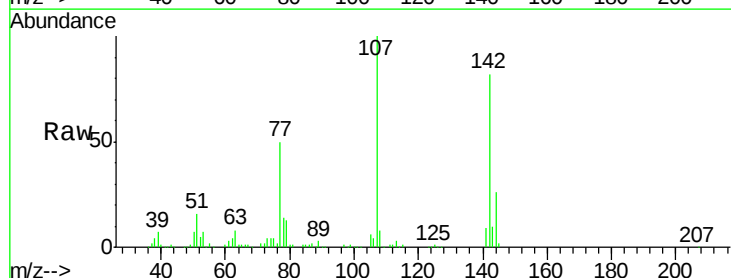
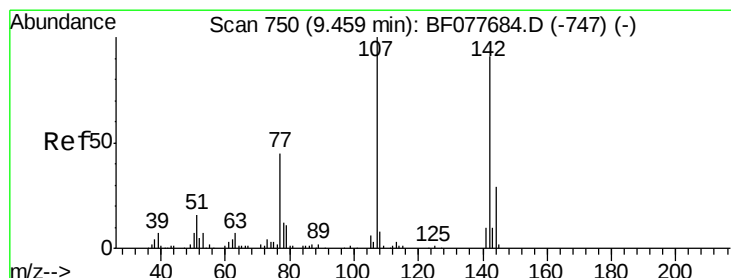
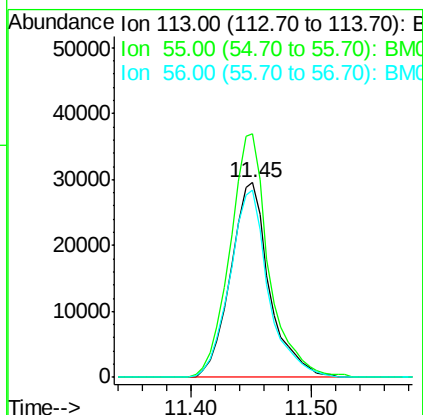
Tot Ion:113 Resp: 66167

Ion Ratio Lower Upper

113 100

55 125.2 145.9 185.9#

56 96.6 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 47.36 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

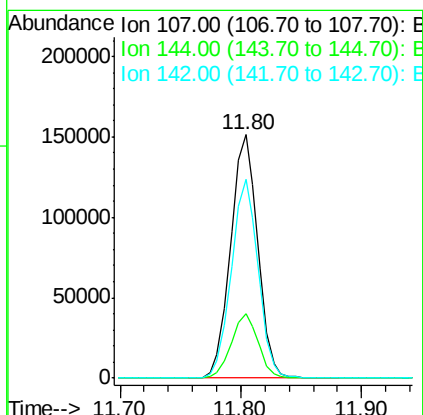
Tgt Ion:107 Resp: 237348

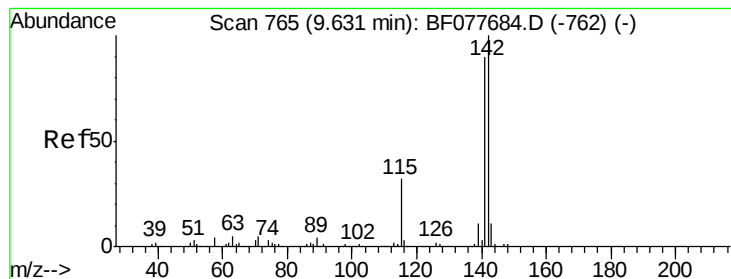
Ion Ratio Lower Upper

107 100

144 26.5 23.3 34.9

142 81.7 72.6 109.0





#37

2-Methylnaphthalene

Concen: 42.16 ng

RT: 12.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

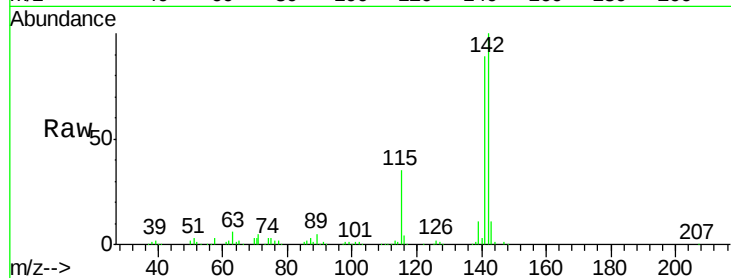
Tot Ion:142 Resp: 504490

Ion Ratio Lower Upper

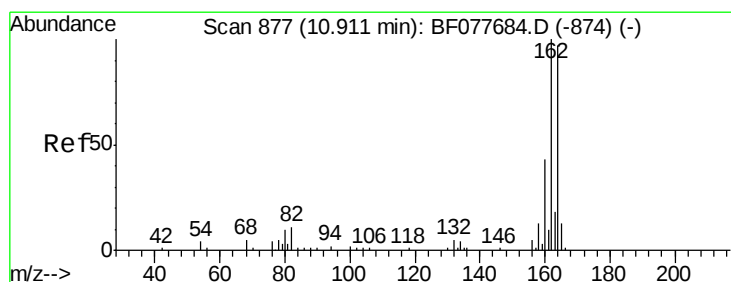
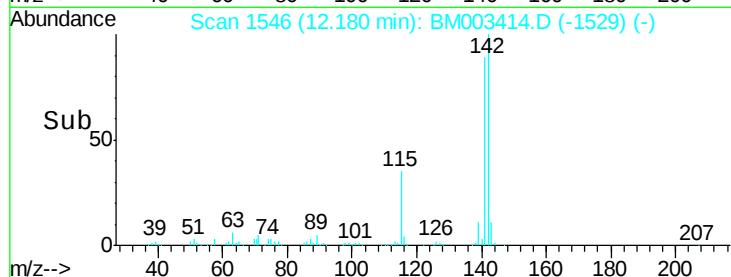
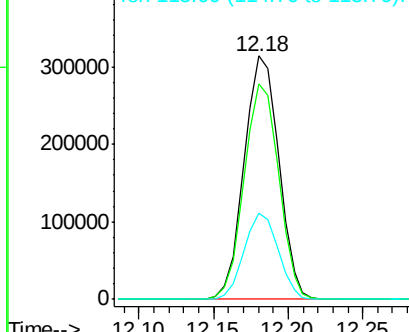
142 100

141 88.6 71.9 107.9

115 35.4 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: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

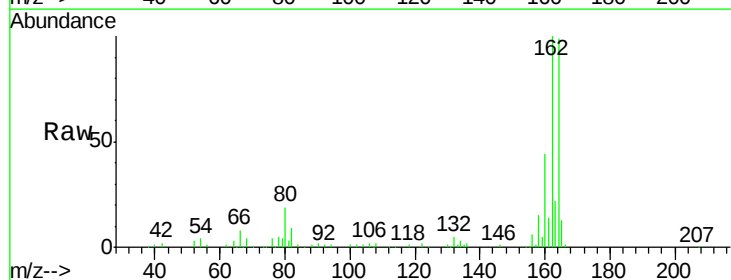
Tgt Ion:164 Resp: 190803

Ion Ratio Lower Upper

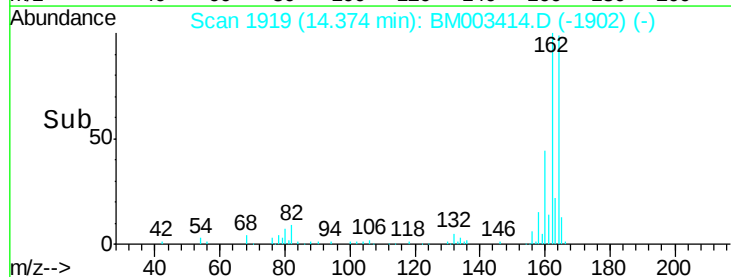
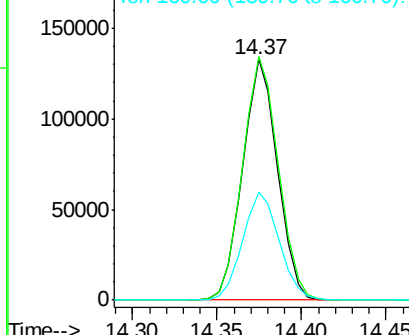
164 100

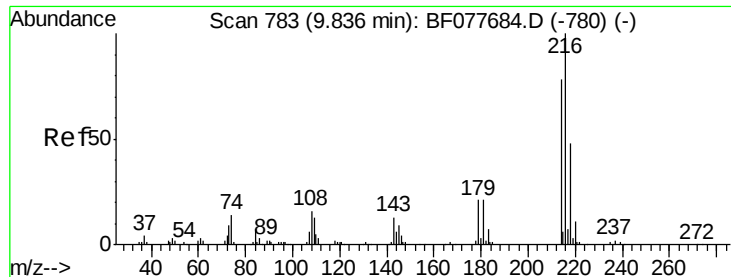
162 101.3 82.4 123.6

160 45.0 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: 44.15 ng

RT: 12.56 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion:216 Resp: 256179

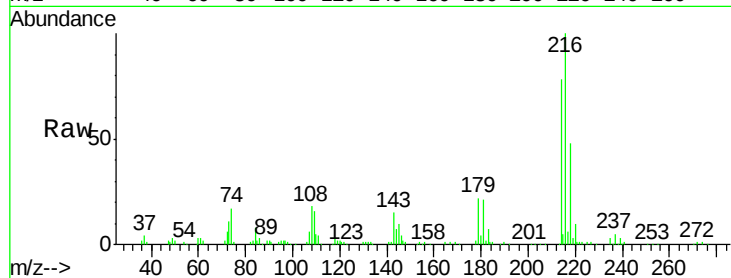
Ion Ratio Lower Upper

216 100

214 78.5 0.0 0.0#

179 21.8 0.0 0.0#

108 19.9 0.0 0.0#

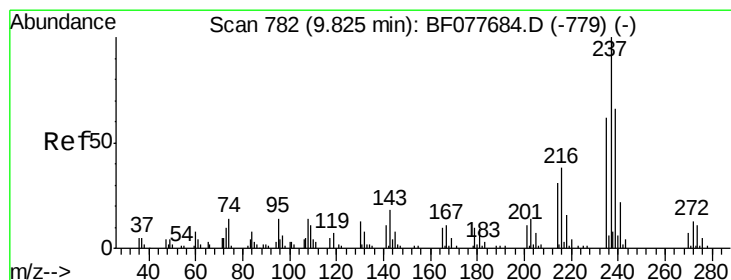
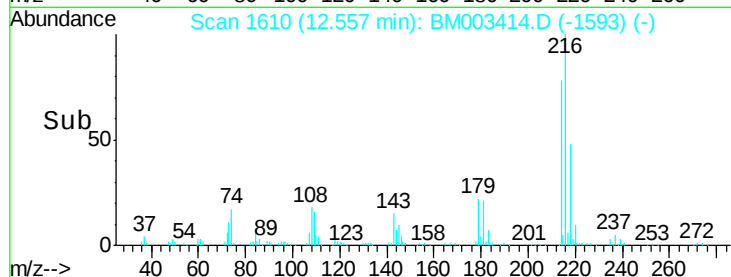
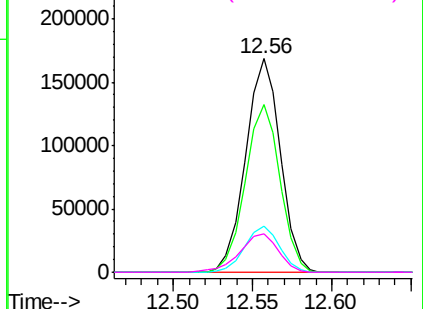


Abundance Ion 216.00 (215.70 to 216.70): E

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: 56.07 ng

RT: 12.53 min Scan# 1606

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

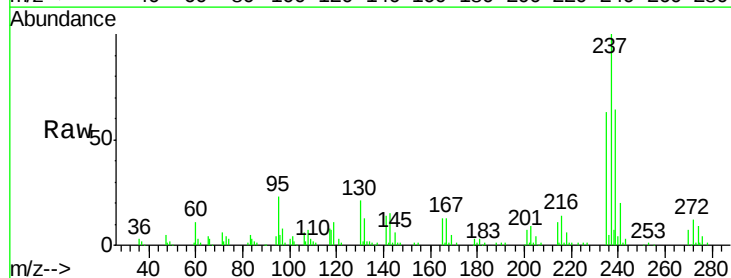
Tgt Ion:237 Resp: 143512

Ion Ratio Lower Upper

237 100

235 63.3 42.0 82.0

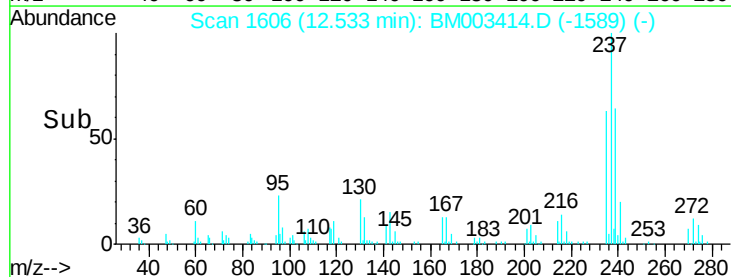
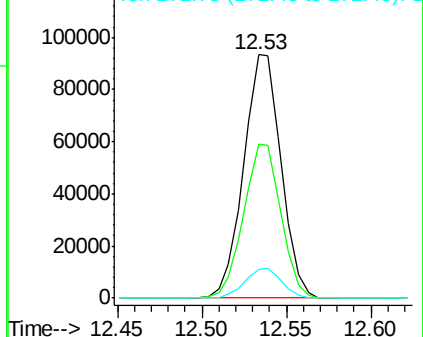
272 11.8 0.0 33.4

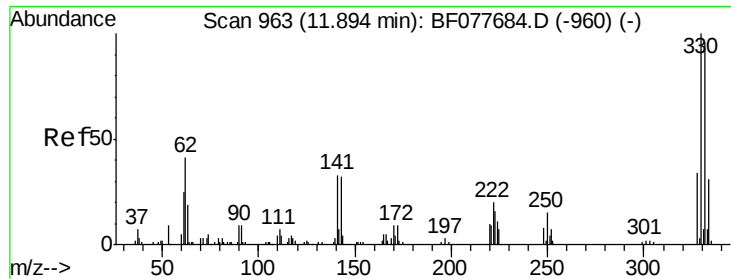


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

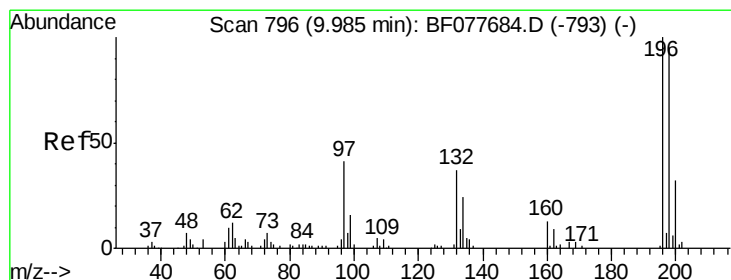
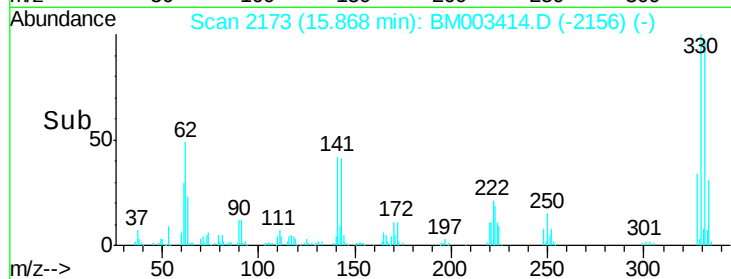
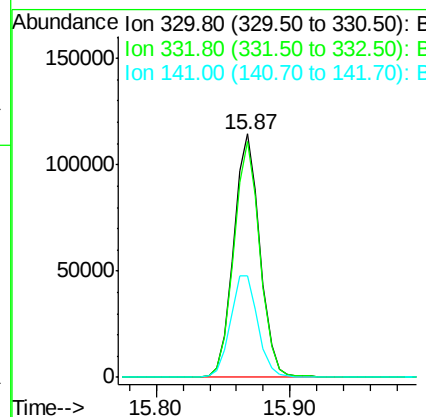
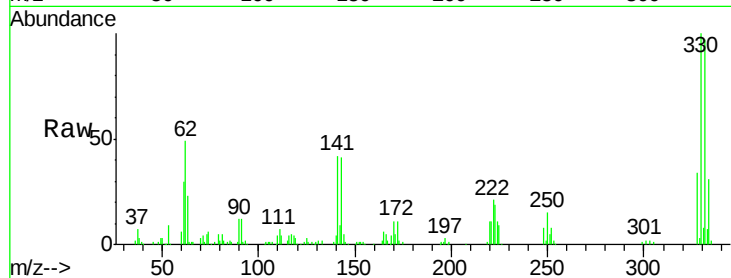




#41
 2,4,6-Tribromophenol
 Concen: 85.39 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

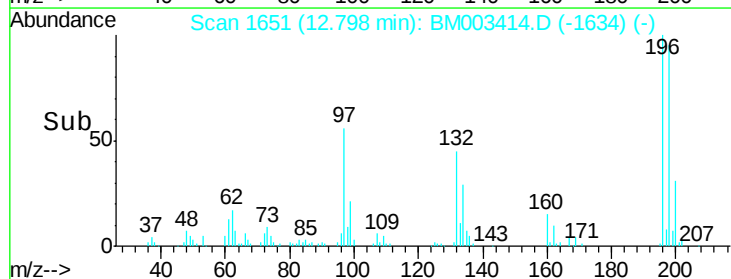
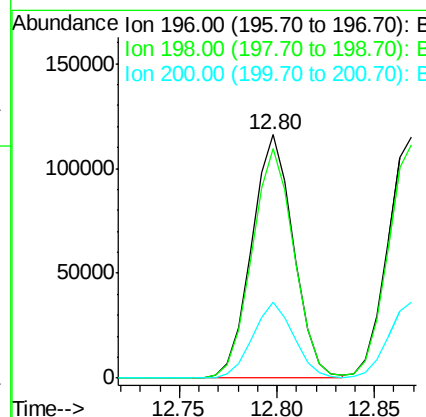
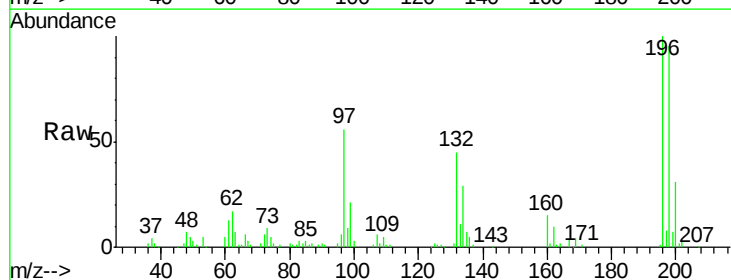
Instrument :
 BNA_M
 ClientSampleId :

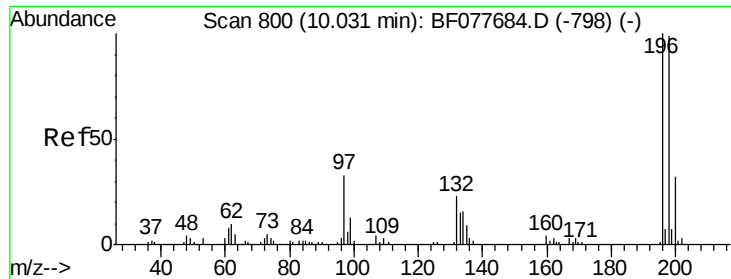
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	43.7	0.0	0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 43.32 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	76.3	114.5
200	31.0	25.6	38.4

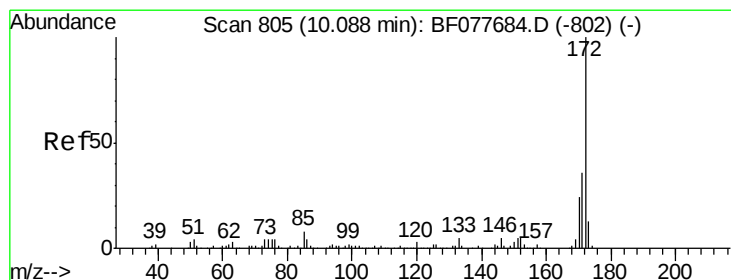
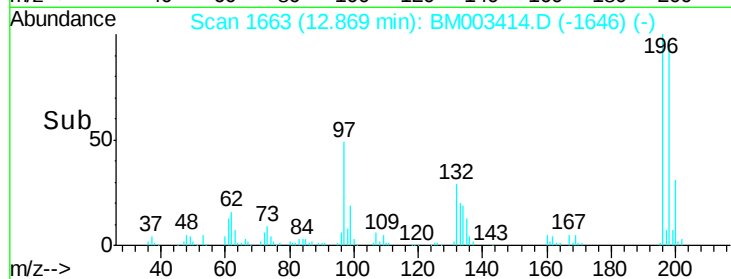
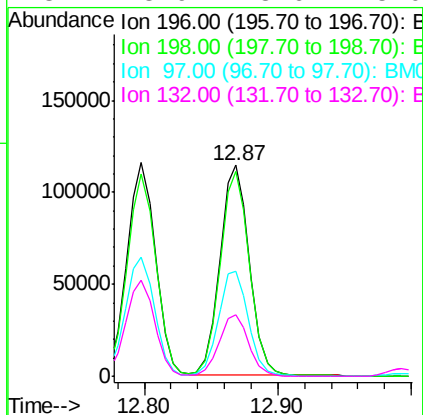
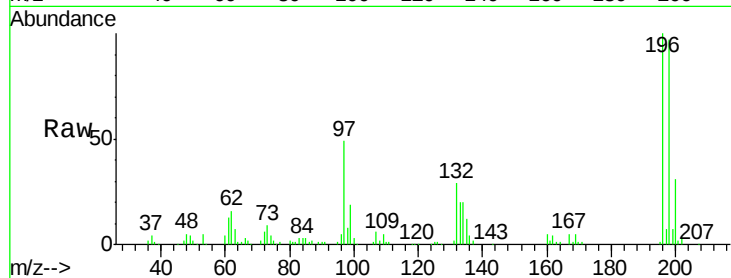




#43
 2,4,5-Trichlorophenol
 Concen: 41.30 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

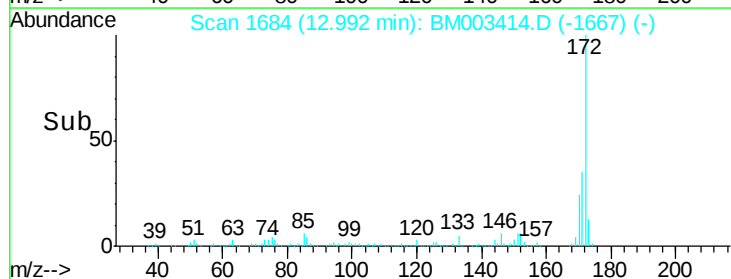
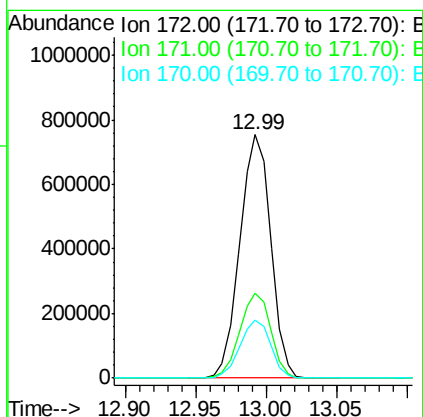
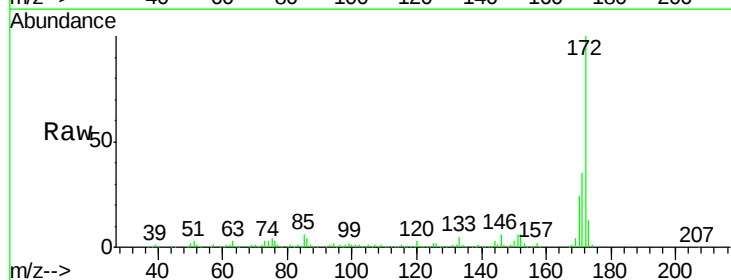
Instrument :
 BNA_M
 ClientSampleId :

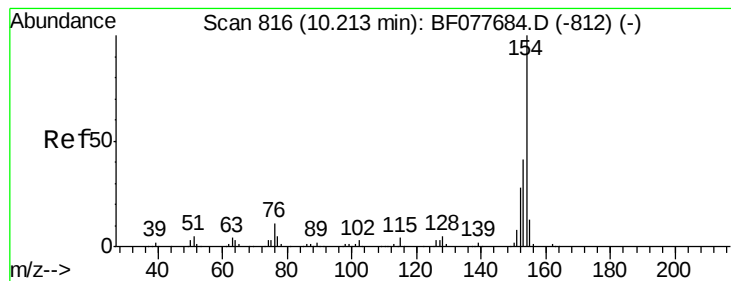
Tot Ion:196 Resp: 177263
 Ion Ratio Lower Upper
 196 100
 198 96.8 79.4 119.0
 97 49.5 26.8 40.2#
 132 28.9 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 87.05 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion:172 Resp: 1154829
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.5 42.7
 170 23.6 18.8 28.2





#45

1,1'-Biphenyl

Concen: 44.77 ng

RT: 13.20 min Scan# 1720

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

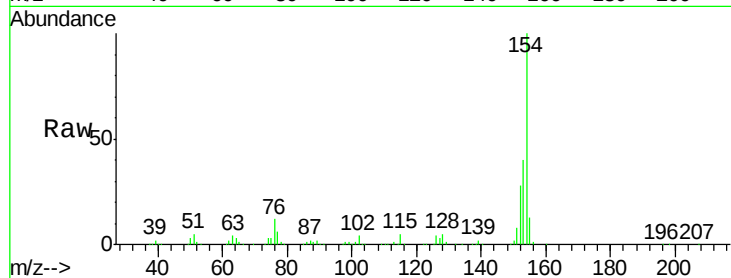
Tot Ion:154 Resp: 696208

Ion Ratio Lower Upper

154 100

153 40.1 20.7 60.7

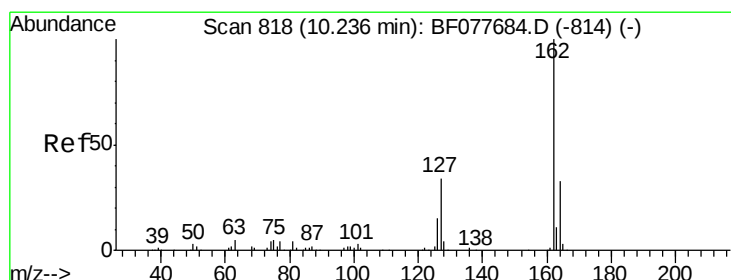
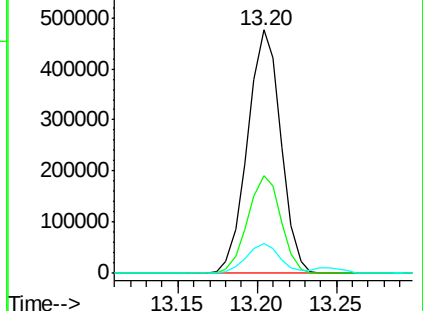
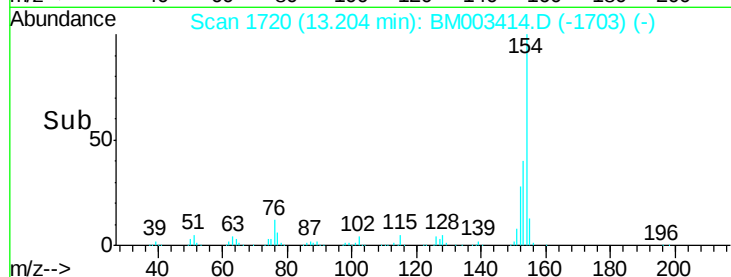
76 12.1 0.0 30.9



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: 40.80 ng

RT: 13.25 min Scan# 1727

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

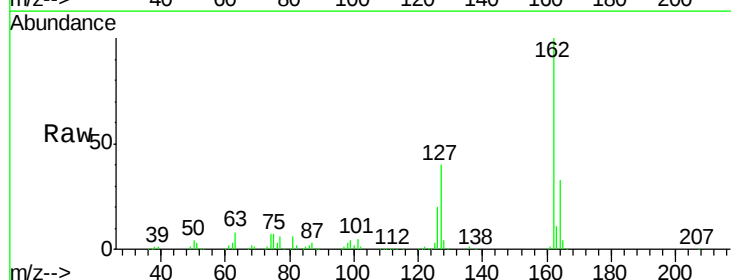
Tgt Ion:162 Resp: 509628

Ion Ratio Lower Upper

162 100

127 40.4 26.9 40.3#

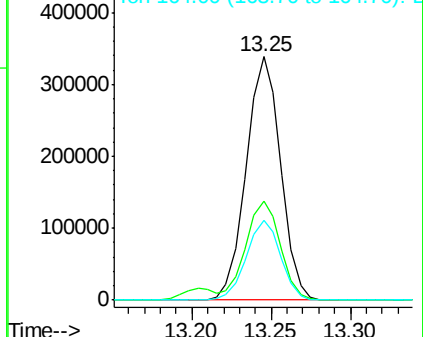
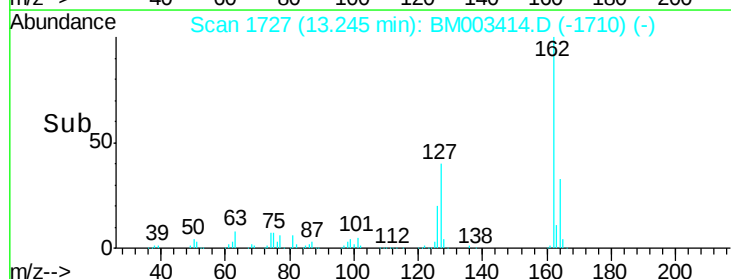
164 32.6 26.8 40.2

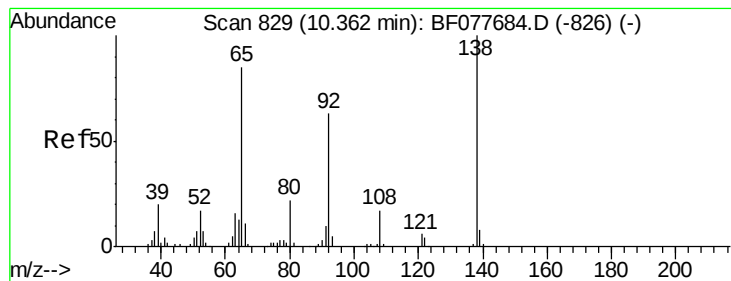


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.33 ng

RT: 13.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

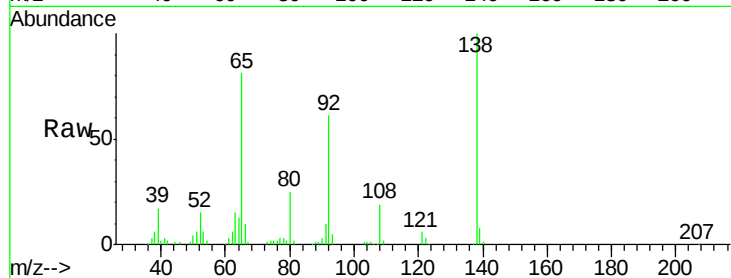
Tot Ion: 65 Resp: 126744

Ion Ratio Lower Upper

65 100

92 76.0 59.1 88.7

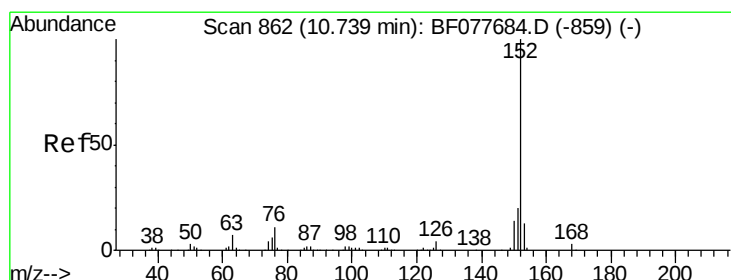
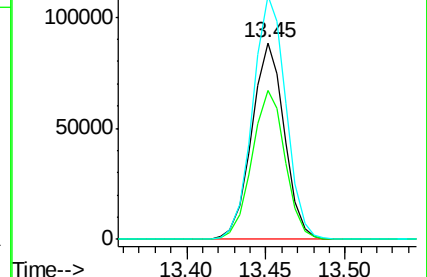
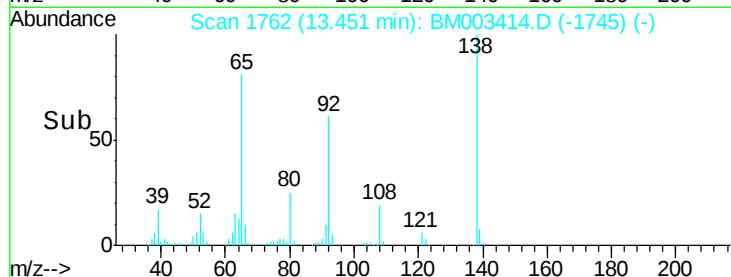
138 123.8 93.9 140.9



Abundance Ion 65.00 (64.70 to 65.70): BM003414.D (-1745) (-)

Ion 92.00 (91.70 to 92.70): BM003414.D (-1745) (-)

Ion 138.00 (137.70 to 138.70): BM003414.D (-1745) (-)



#48

Acenaphthylene

Concen: 41.17 ng

RT: 14.10 min Scan# 1872

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

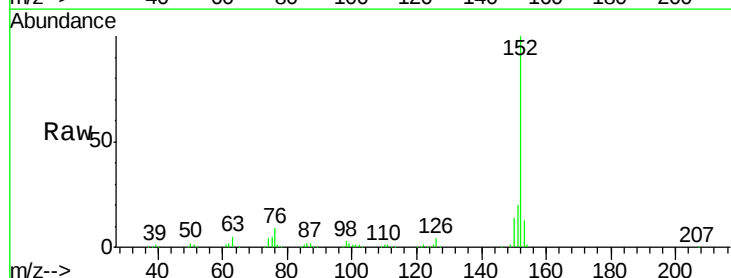
Tgt Ion: 152 Resp: 856926

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

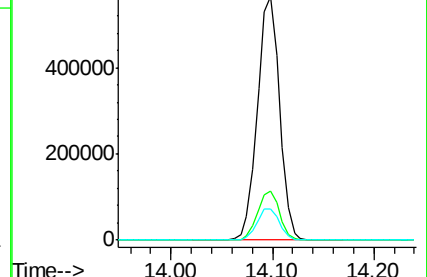
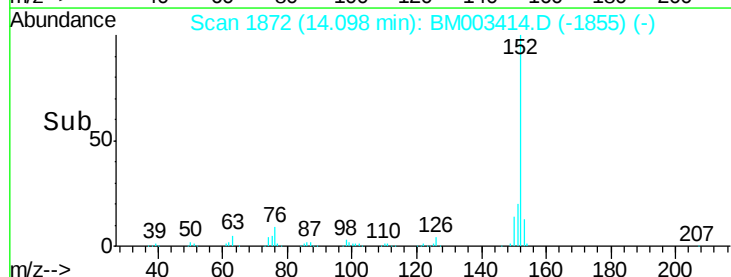
153 12.9 10.6 16.0

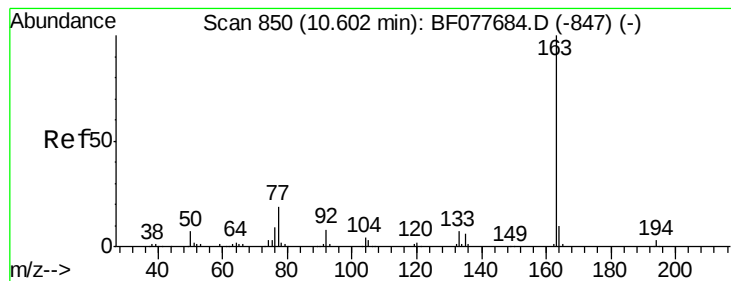


Abundance Ion 152.00 (151.70 to 152.70): BM003414.D (-1855) (-)

Ion 151.00 (150.70 to 151.70): BM003414.D (-1855) (-)

Ion 153.00 (152.70 to 153.70): BM003414.D (-1855) (-)





#49

Dimethylphthalate

Concen: 44.06 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

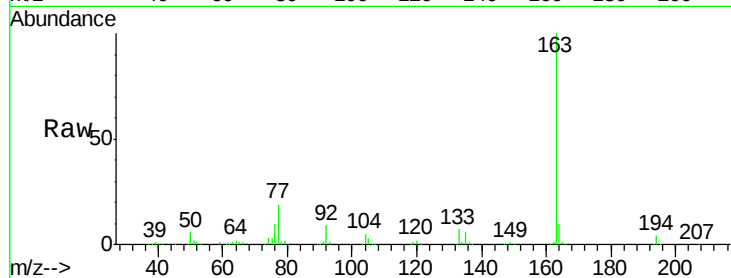
Tot Ion:163 Resp: 636970

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

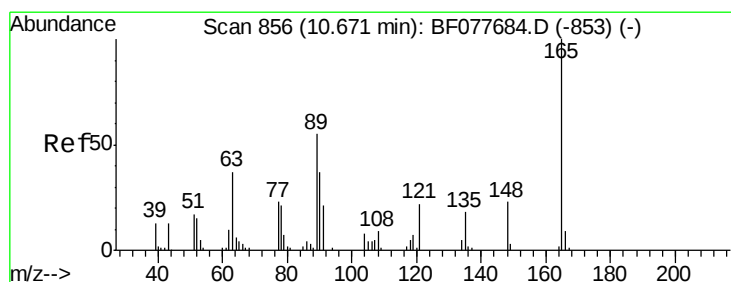
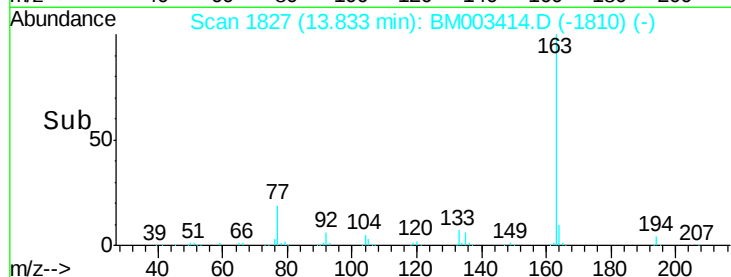
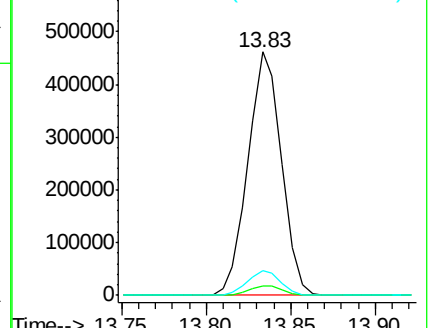
164 10.1 8.2 12.2



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: 45.85 ng

RT: 13.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

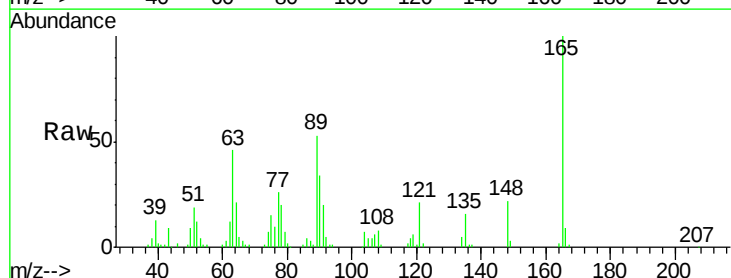
Tgt Ion:165 Resp: 137838

Ion Ratio Lower Upper

165 100

63 46.4 44.1 66.1

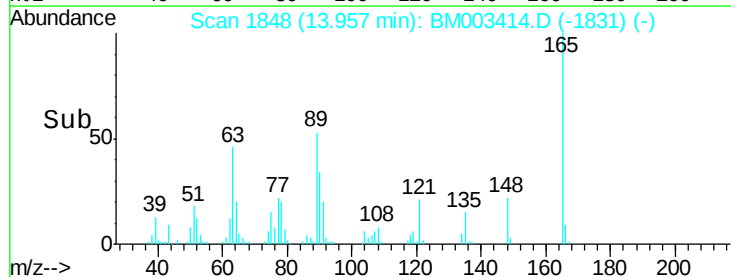
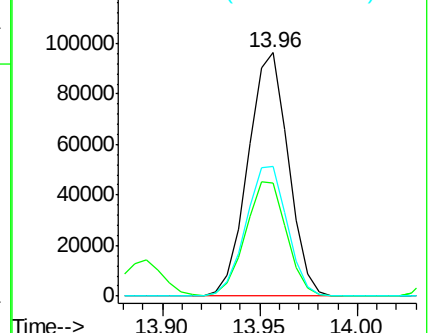
89 53.4 44.3 66.5

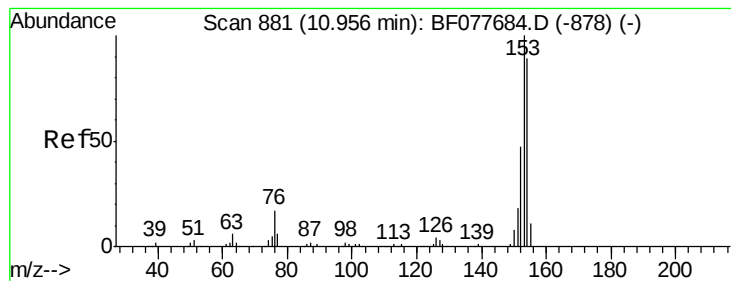


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.98 ng

RT: 14.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

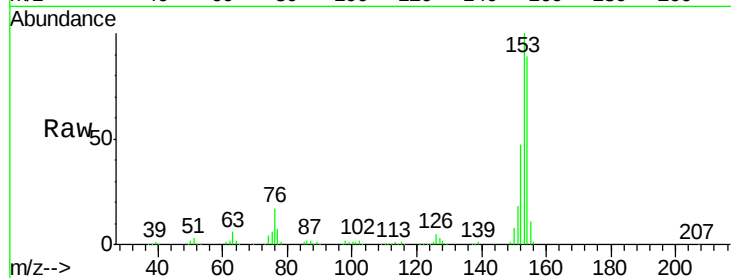
Tot Ion:154 Resp: 486777

Ion Ratio Lower Upper

154 100

153 112.7 90.0 135.0

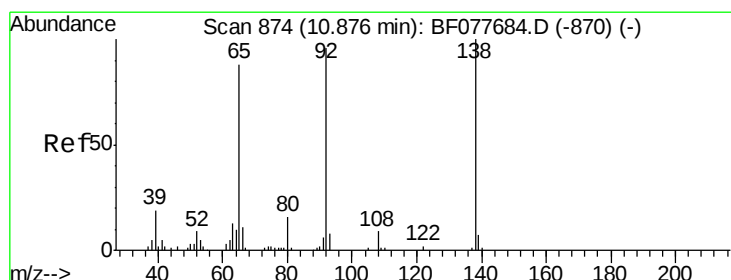
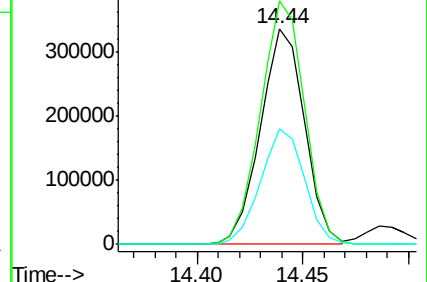
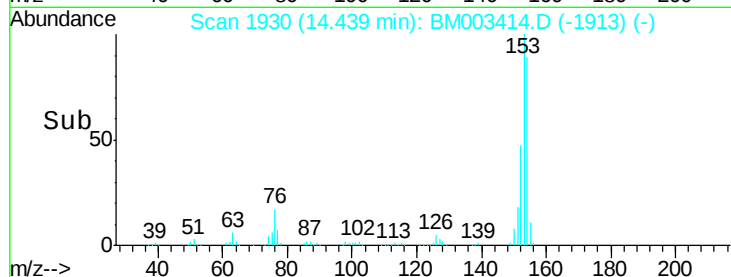
152 53.3 42.6 63.8



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: 41.59 ng

RT: 14.28 min Scan# 1903

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

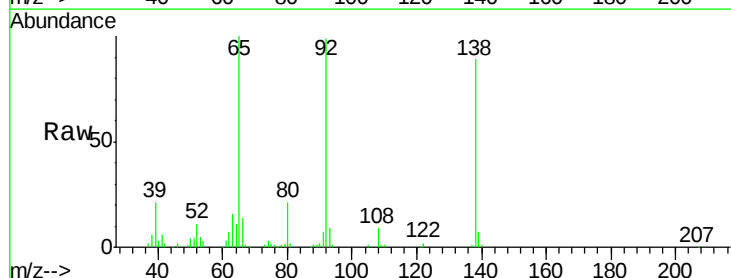
Tgt Ion:138 Resp: 142092

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

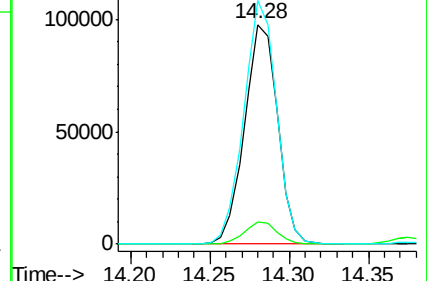
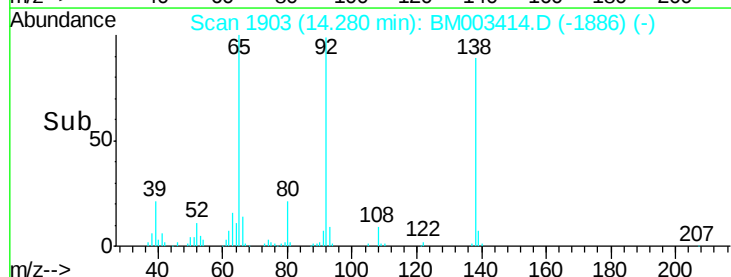
92 111.0 76.6 114.8

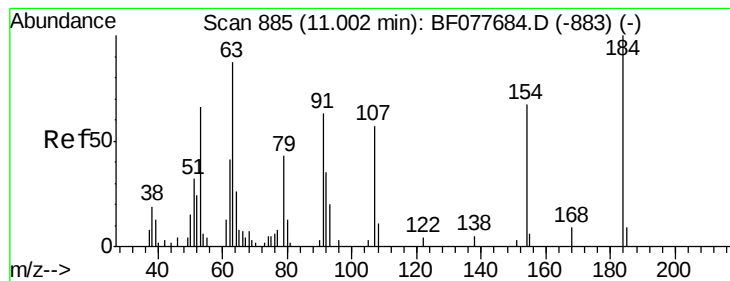


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 63.02 ng

RT: 14.49 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

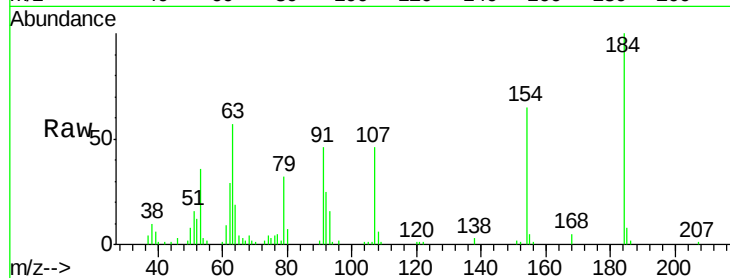
Tot Ion:184 Resp: 63085

Ion Ratio Lower Upper

184 100

63 57.5 69.2 103.8#

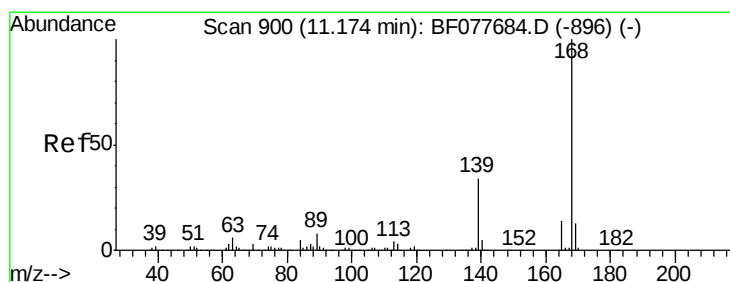
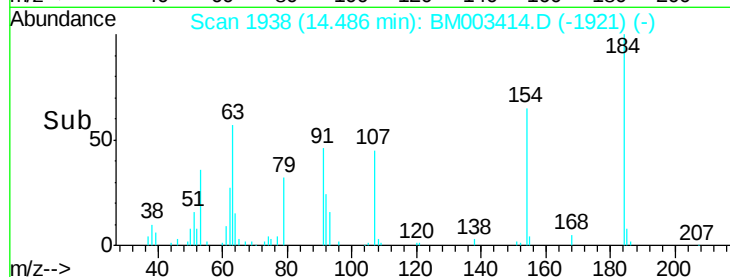
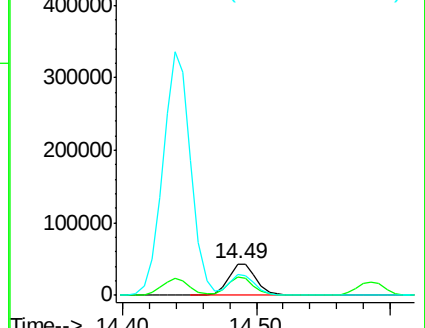
154 65.0 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.83 ng

RT: 14.77 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

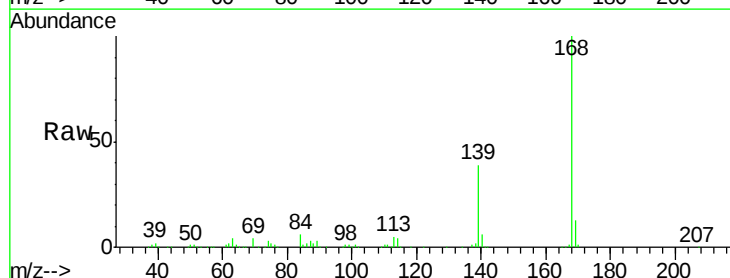
Tgt Ion:168 Resp: 698639

Ion Ratio Lower Upper

168 100

139 39.1 27.3 40.9

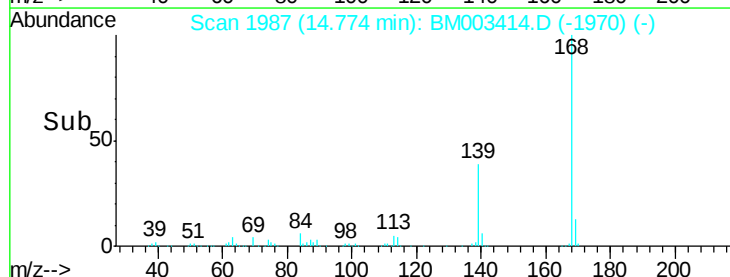
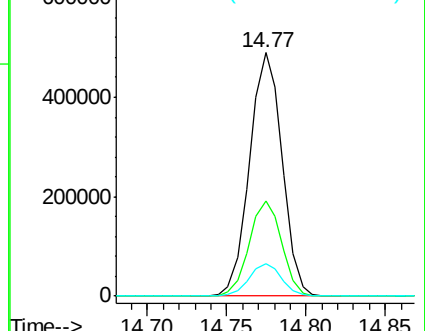
169 13.2 10.6 16.0

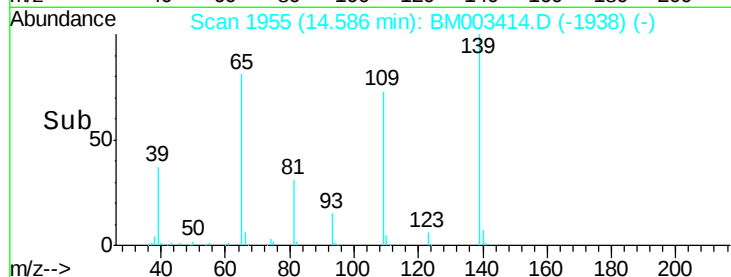
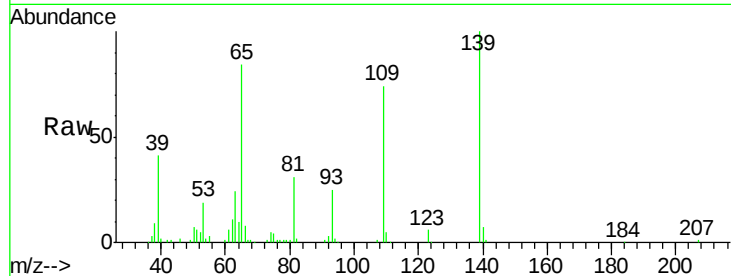
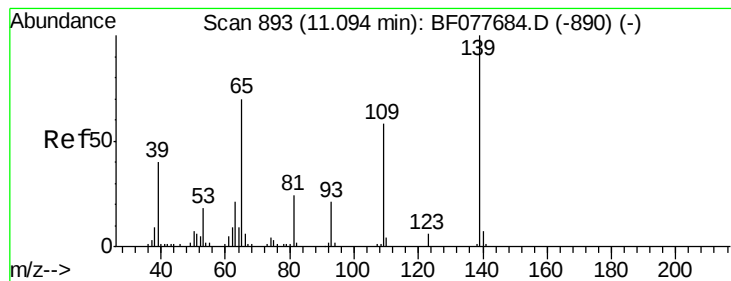


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 43.64 ng

RT: 14.59 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

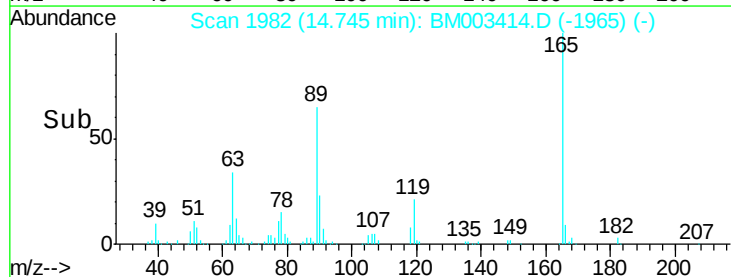
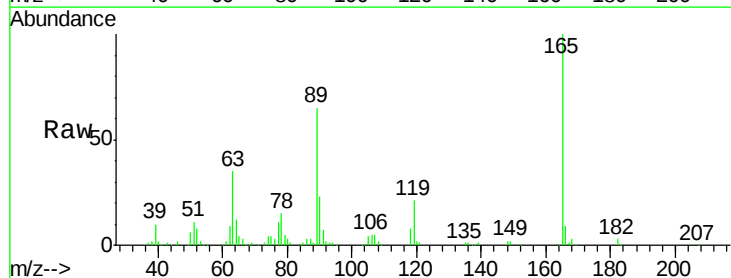
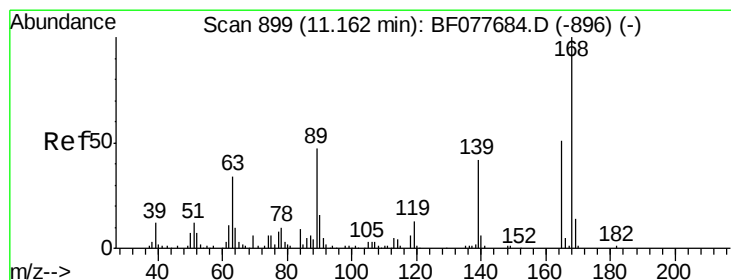
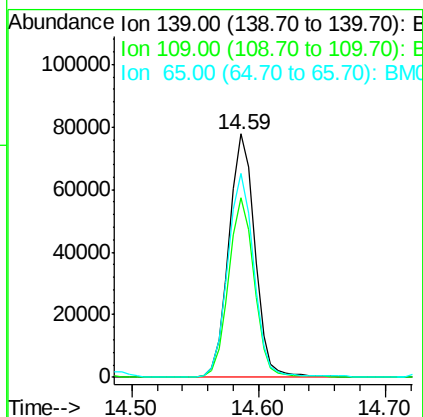
Tot Ion:139 Resp: 110523

Ion Ratio Lower Upper

139 100

109 73.7 37.7 77.7

65 83.9 49.9 89.9



#56

2,4-Dinitrotoluene

Concen: 45.62 ng

RT: 14.74 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Tgt Ion:165 Resp: 178769

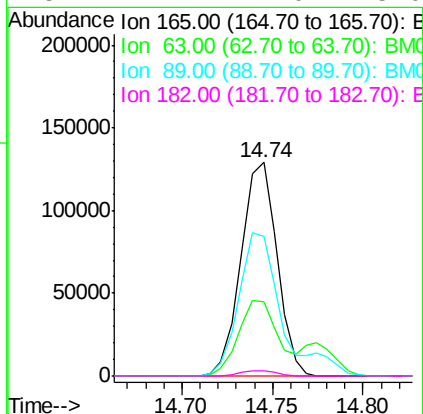
Ion Ratio Lower Upper

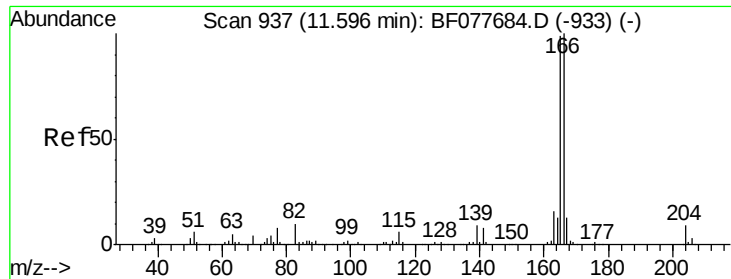
165 100

63 34.6 52.4 78.6#

89 65.2 72.4 108.6#

182 2.7 2.0 3.0





#57

Fluorene

Concen: 39.82 ng

RT: 15.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

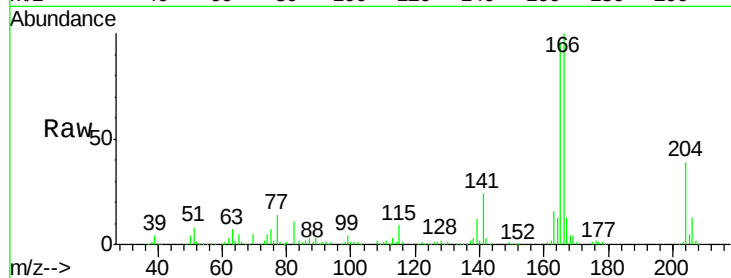
Tot Ion:166 Resp: 578989

Ion Ratio Lower Upper

166 100

165 96.2 79.0 118.4

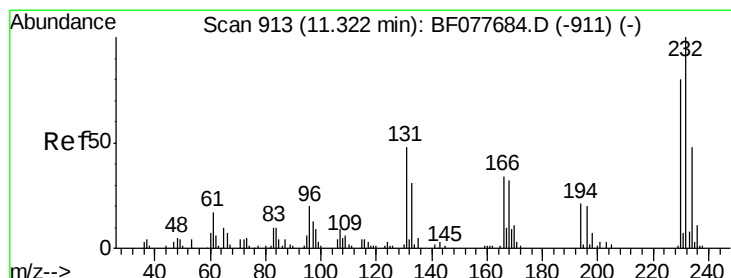
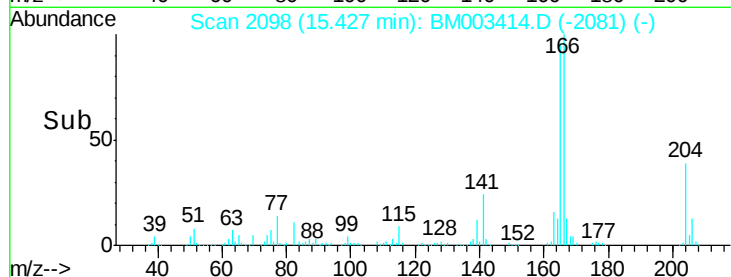
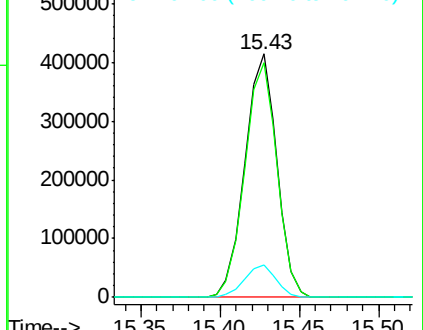
167 13.3 10.3 15.5



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: 40.80 ng

RT: 15.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Tgt Ion:232 Resp: 134104

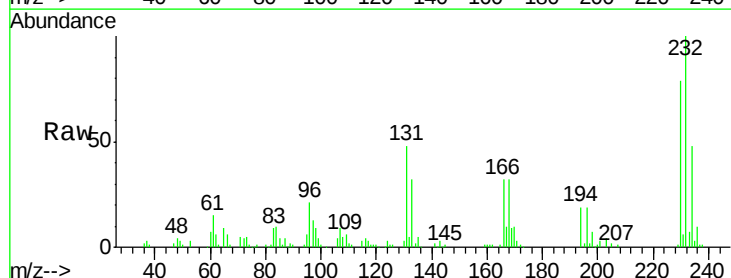
Ion Ratio Lower Upper

232 100

131 50.3 0.0 0.0#

130 2.4 0.0 0.0#

166 33.3 0.0 0.0#

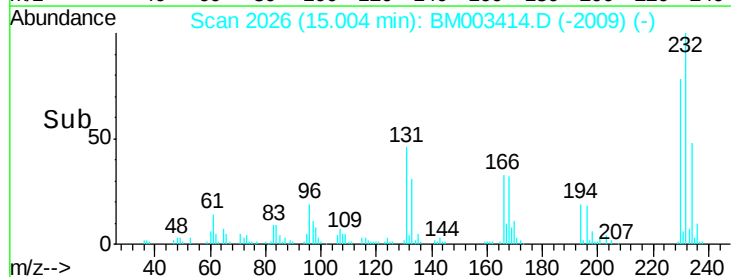
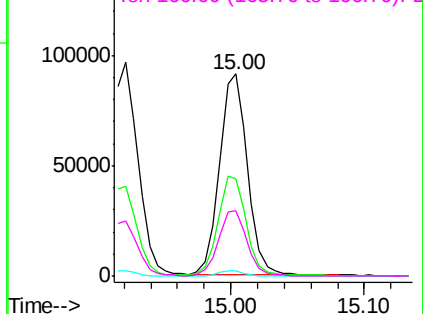


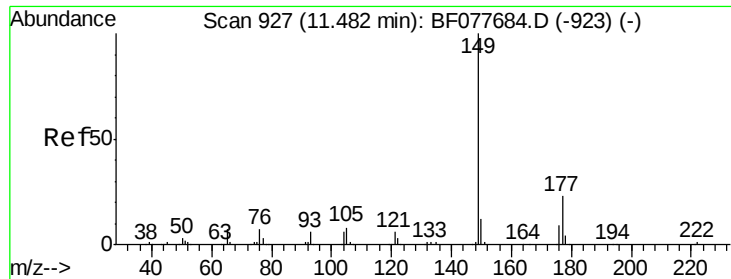
Abundance Ion 232.00 (231.70 to 232.70): E

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

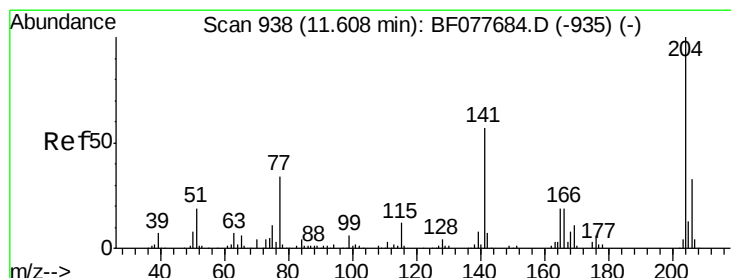
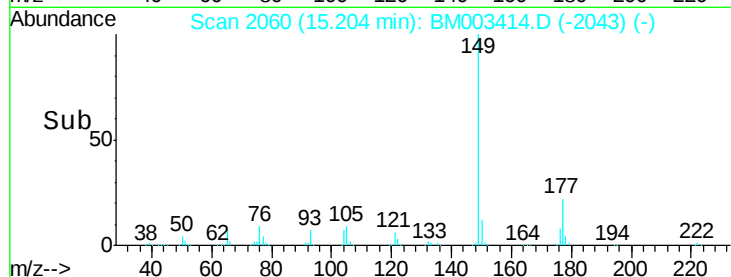
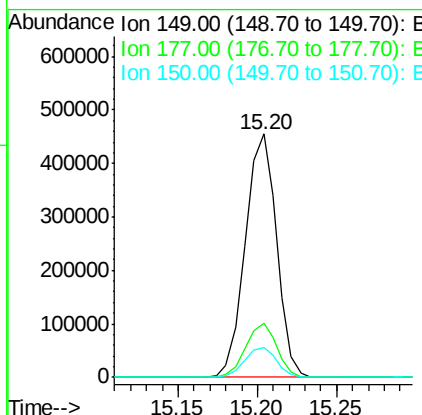
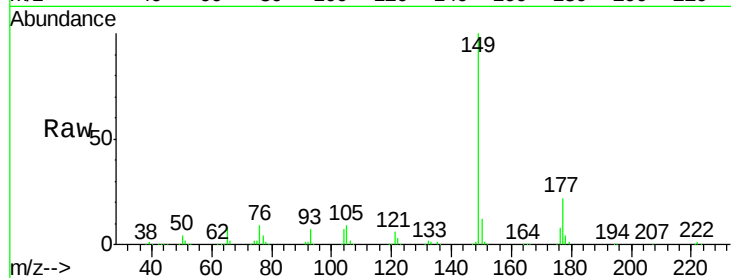




#59
Diethylphthalate
Concen: 44.28 ng
RT: 15.20 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

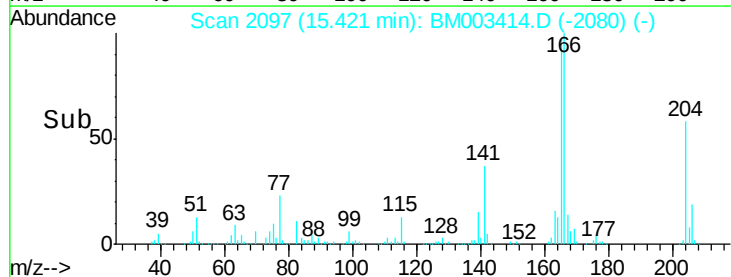
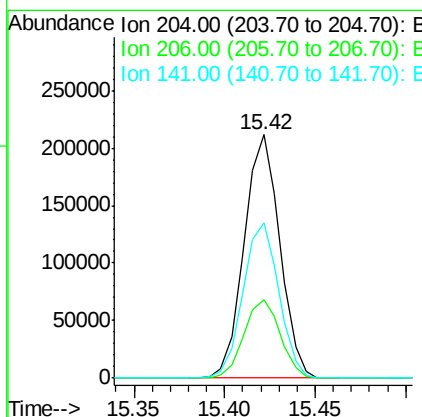
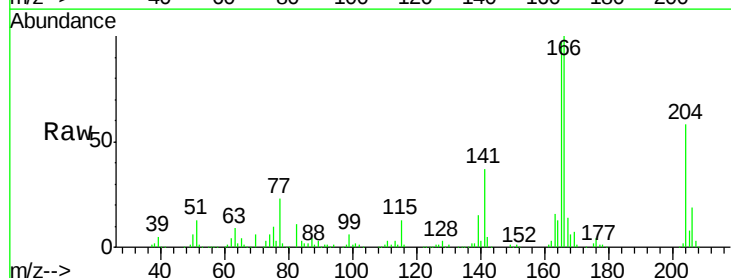
Instrument :
BNA_M
ClientSampleId :

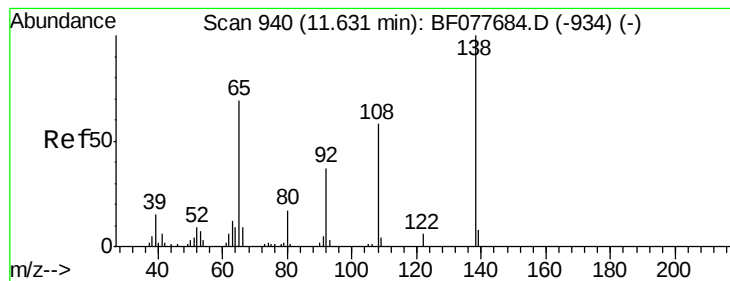
Tot Ion:149 Resp: 622263
Ion Ratio Lower Upper
149 100
177 22.0 18.3 27.5
150 12.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 42.85 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion:204 Resp: 288999
Ion Ratio Lower Upper
204 100
206 32.2 26.6 39.8
141 64.0 45.2 67.8





#61

4-Nitroaniline

Concen: 39.90 ng

RT: 15.45 min Scan# 2102

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

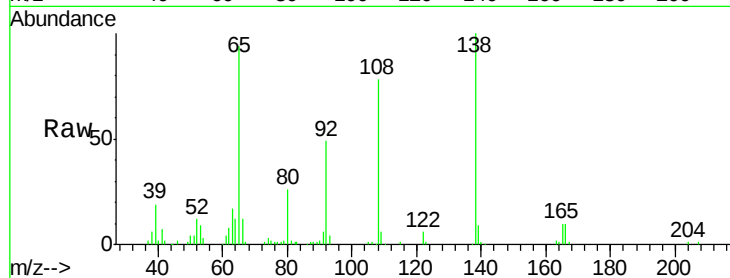
Tot Ion:138 Resp: 135172

Ion Ratio Lower Upper

138 100

92 49.1 16.7 56.7

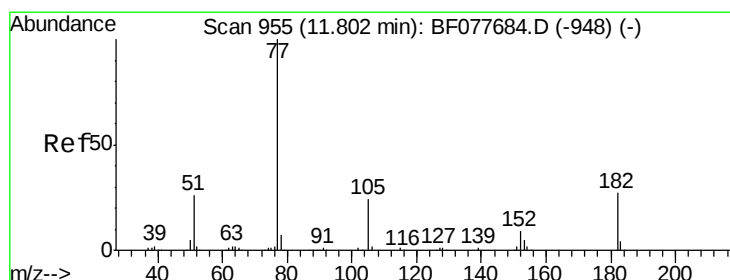
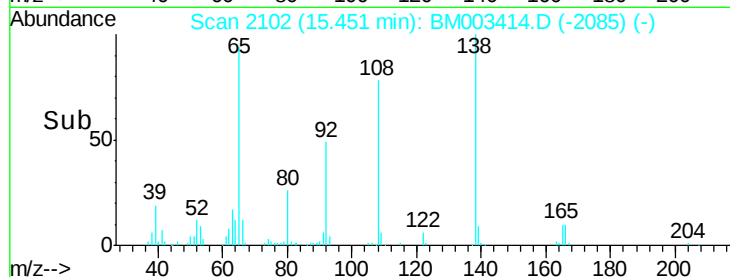
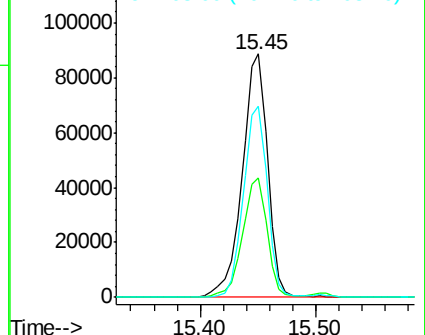
108 78.5 37.6 77.6#



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: 38.44 ng

RT: 15.72 min Scan# 2147

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Tgt Ion: 77 Resp: 496827

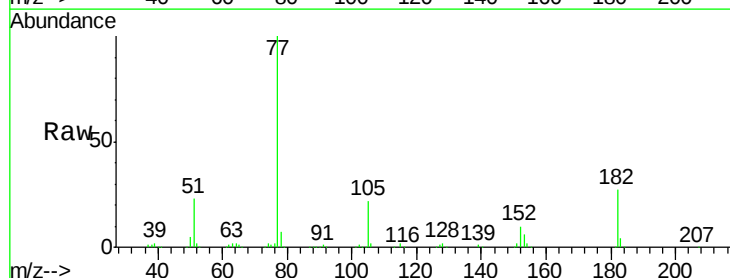
Ion Ratio Lower Upper

77 100

182 27.5 6.5 46.5

105 21.9 3.8 43.8

51 23.2 5.5 45.5

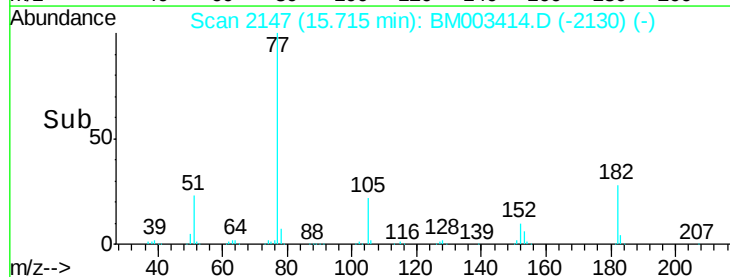
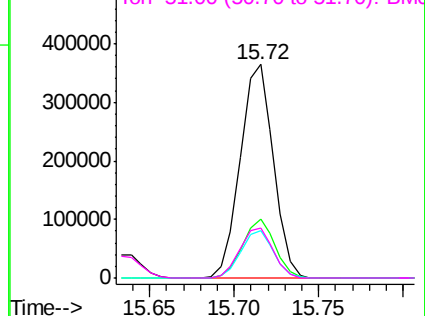


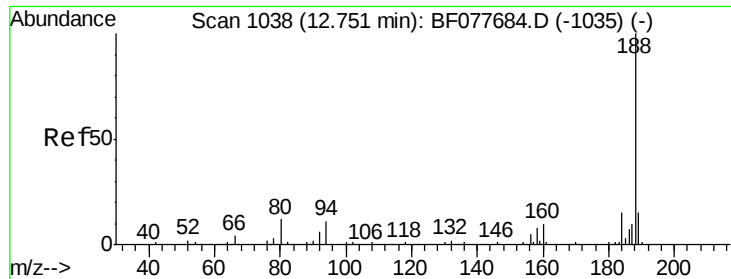
Abundance Ion 77.00 (76.70 to 77.70): BM

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

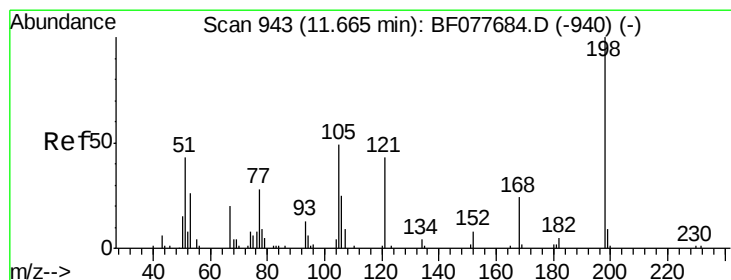
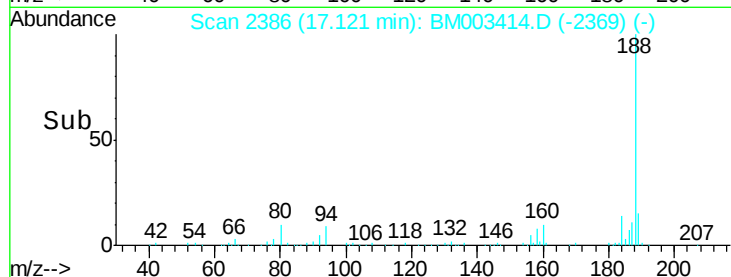
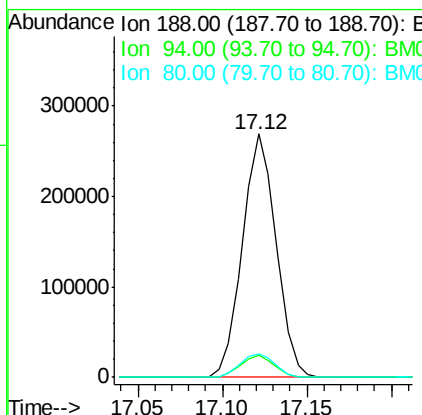
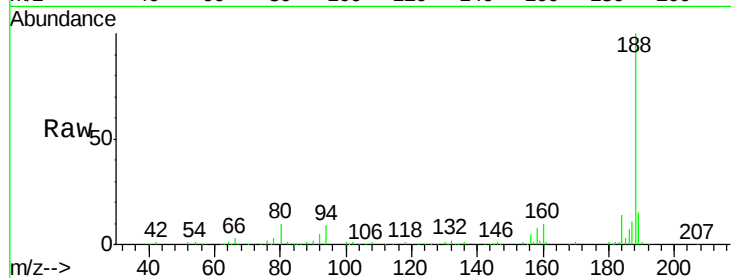




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

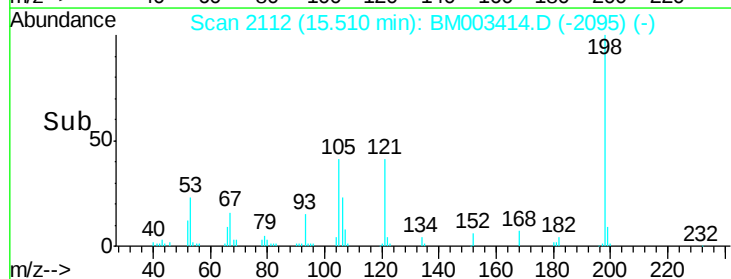
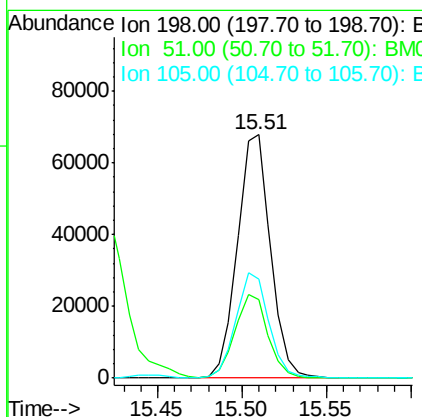
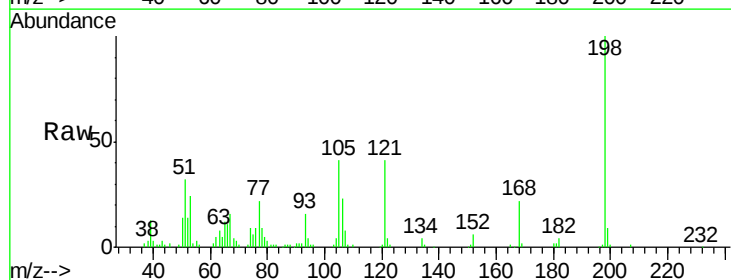
Instrument :
BNA_M
ClientSampleId :

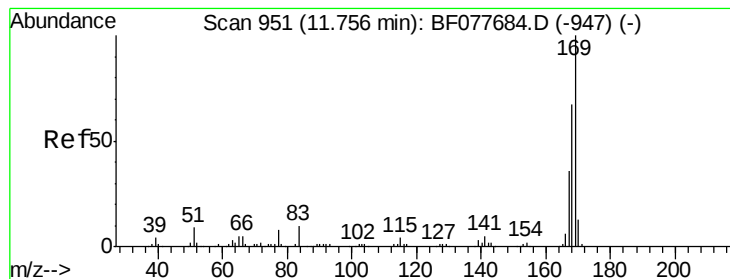
Tot Ion:188 Resp: 374262
Ion Ratio Lower Upper
188 100
94 9.3 8.7 13.1
80 9.9 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 59.55 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion:198 Resp: 92626
Ion Ratio Lower Upper
198 100
51 32.1 28.8 68.8
105 40.9 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 40.29 ng

RT: 15.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

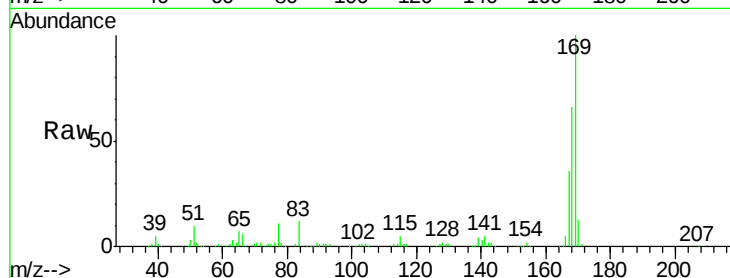
Tot Ion:169 Resp: 500566

Ion Ratio Lower Upper

169 100

168 65.8 53.9 80.9

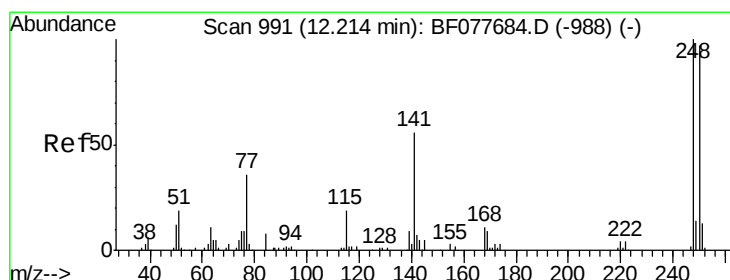
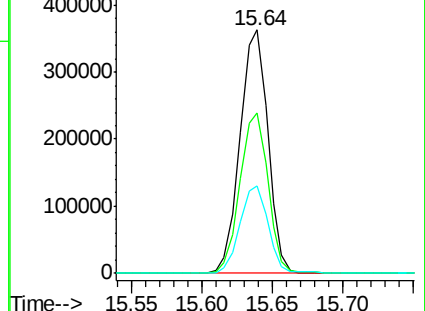
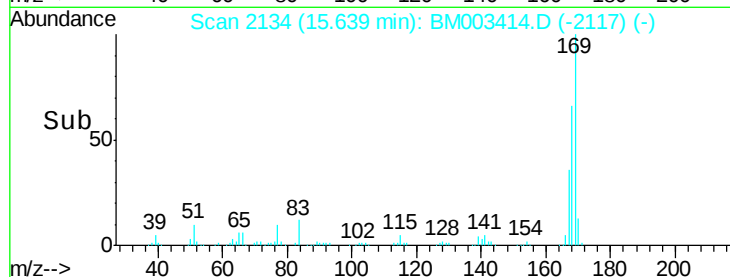
167 35.7 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.57 ng

RT: 16.32 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

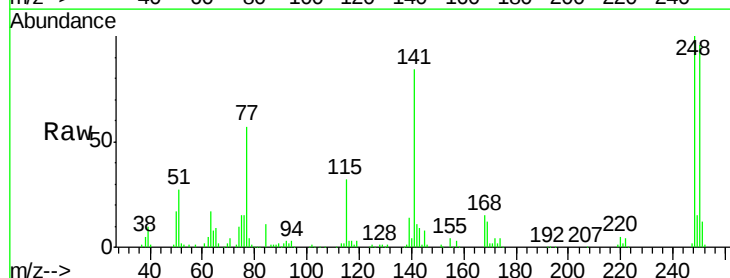
Tgt Ion:248 Resp: 171092

Ion Ratio Lower Upper

248 100

250 96.5 77.4 116.0

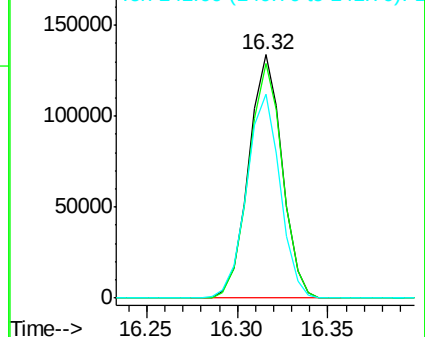
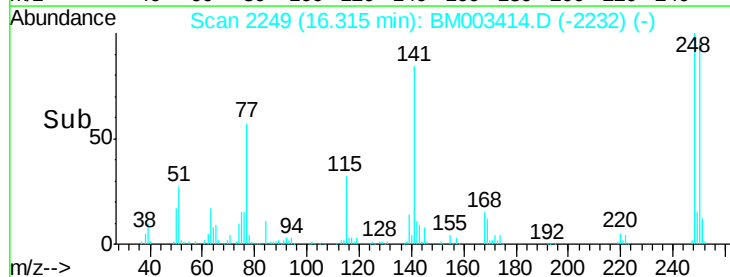
141 83.6 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.88 ng

RT: 16.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

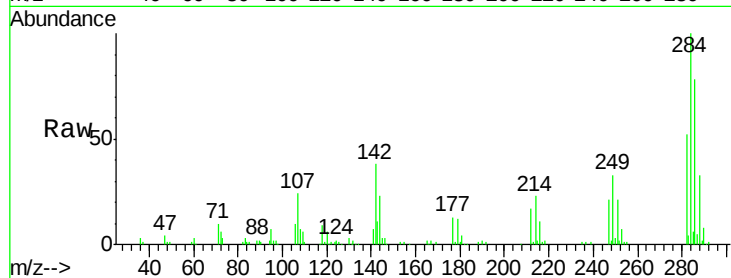
Tot Ion:284 Resp: 179707

Ion Ratio Lower Upper

284 100

142 38.1 20.4 30.6#

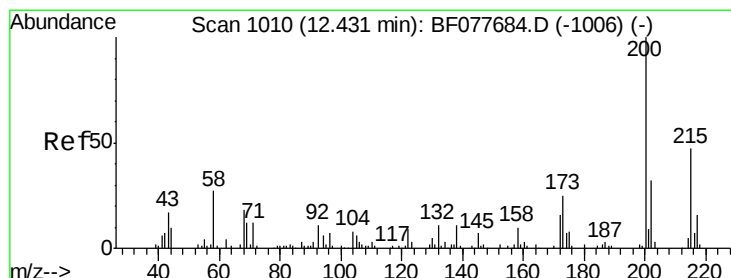
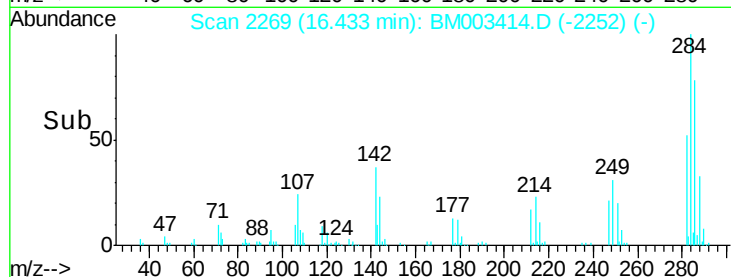
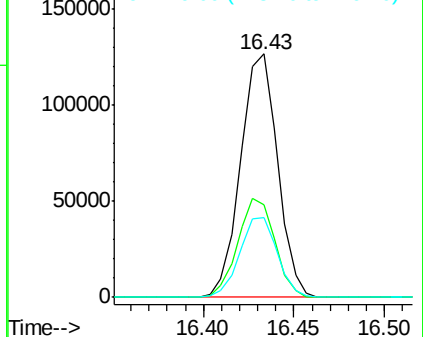
249 32.8 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.11 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

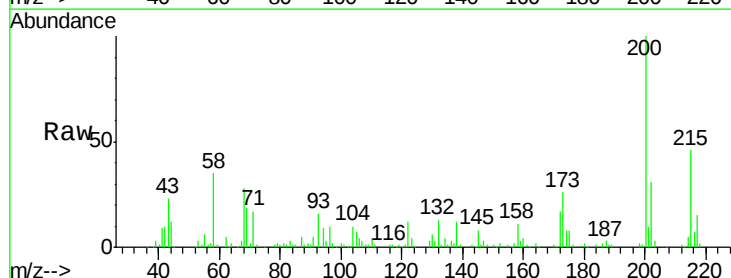
Tgt Ion:200 Resp: 159595

Ion Ratio Lower Upper

200 100

173 26.0 4.8 44.8

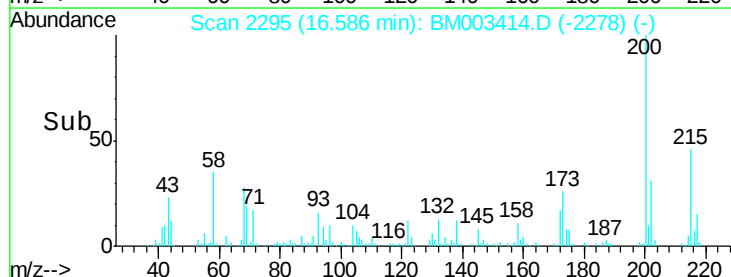
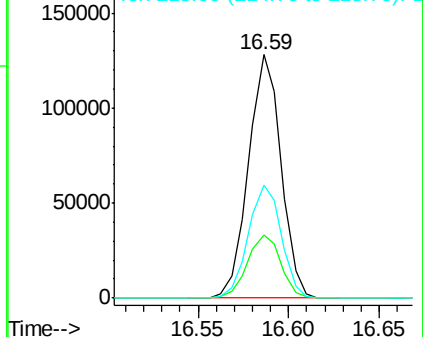
215 46.3 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

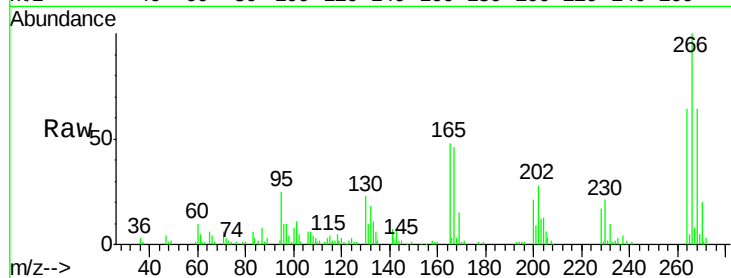




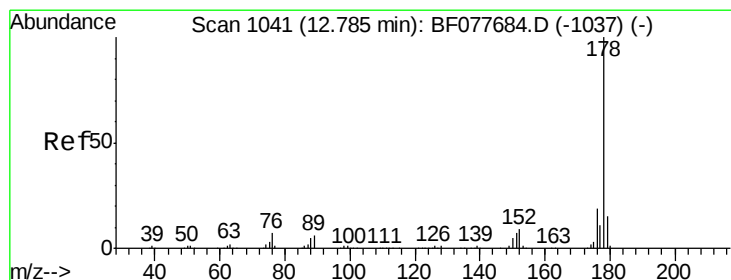
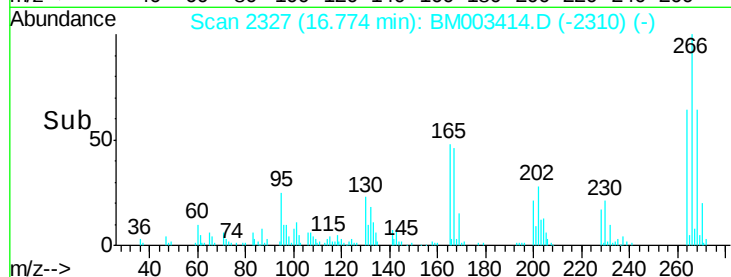
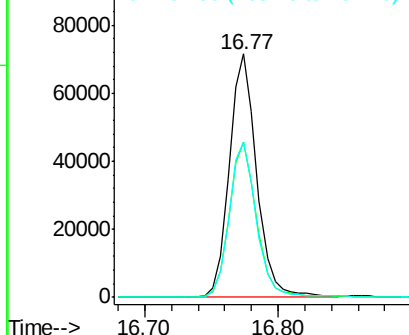
#69
 Pentachlorophenol
 Concen: 51.17 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.7	52.0	78.0
264	63.9	49.0	73.4

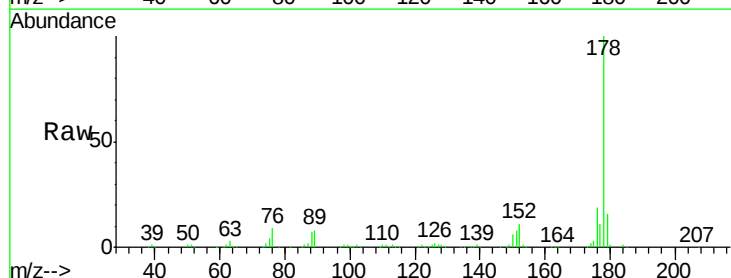


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

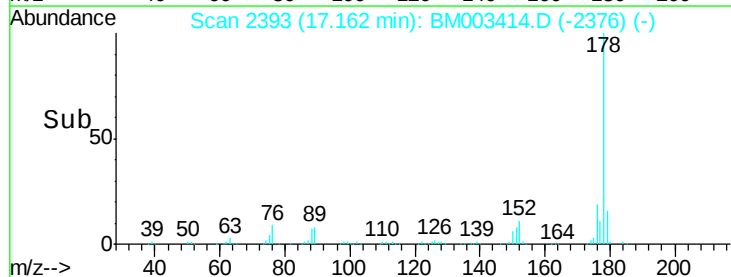
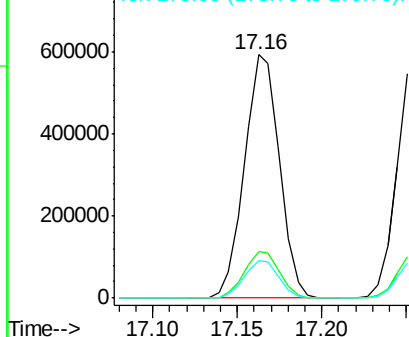


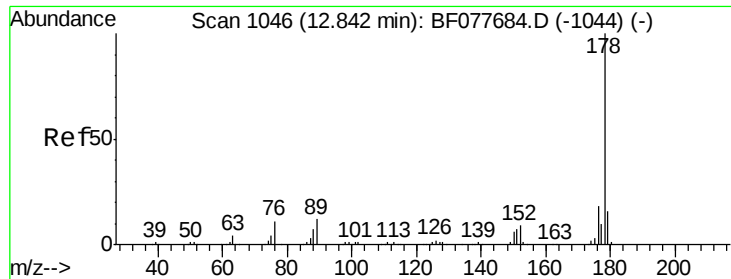
#70
 Phenanthrene
 Concen: 39.78 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	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

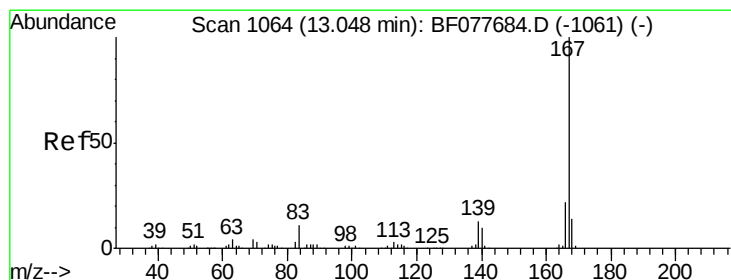
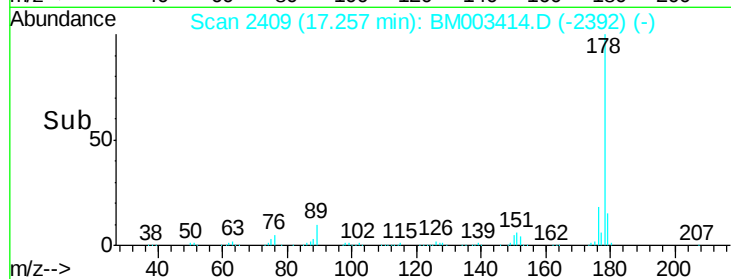
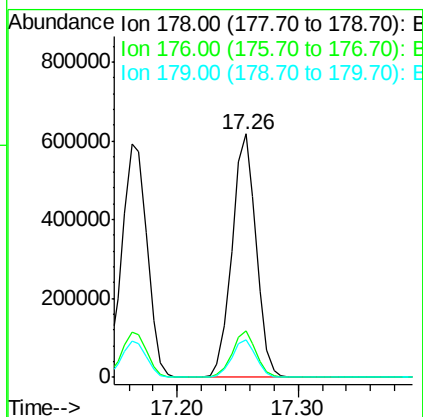
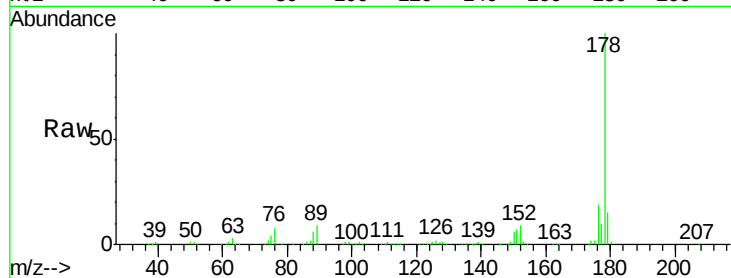




#71
 Anthracene
 Concen: 40.18 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

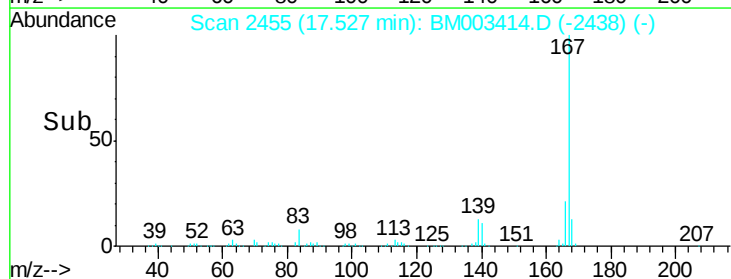
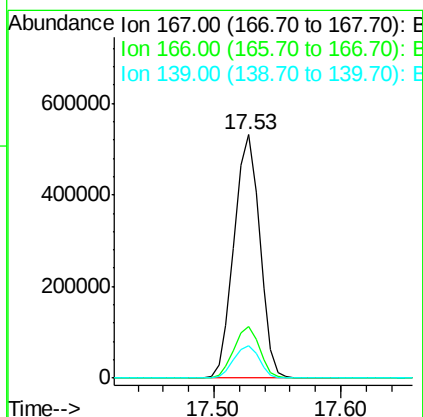
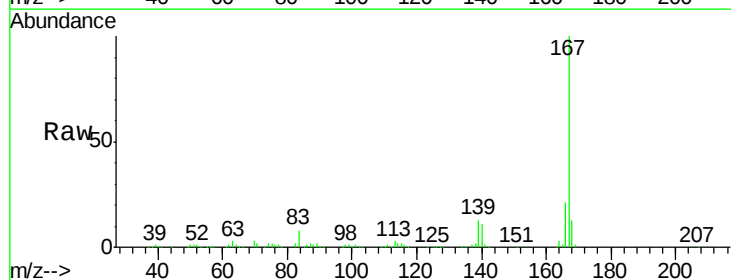
Instrument :
 BNA_M
 ClientSampleId :

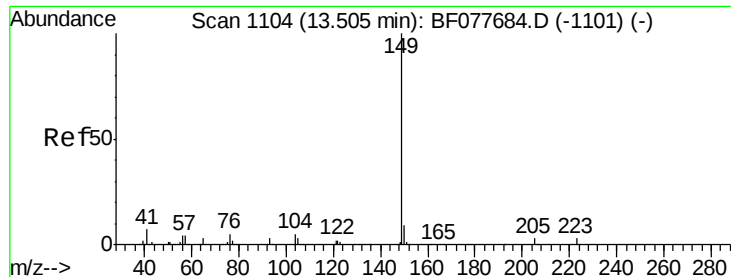
Tot Ion:178 Resp: 856991
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 37.25 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion:167 Resp: 747678
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 13.4 10.8 16.2





#73

Di-n-butylphthalate

Concen: 39.81 ng

RT: 18.09 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

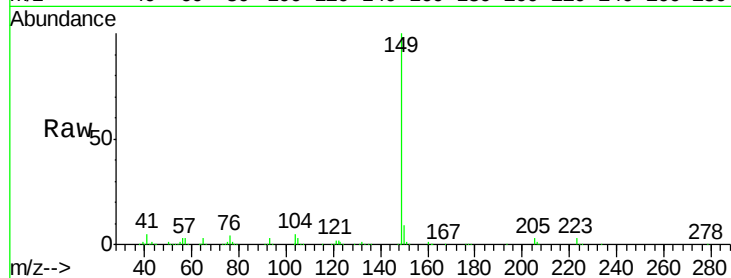
Tot Ion:149 Resp: 900253

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

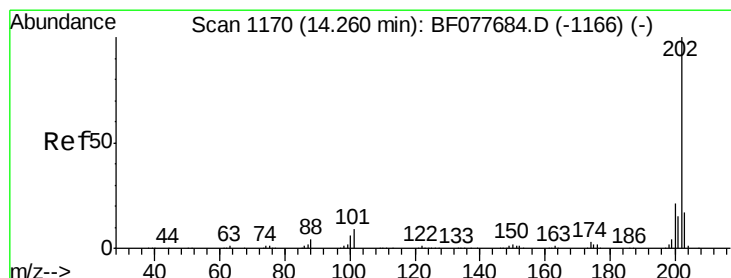
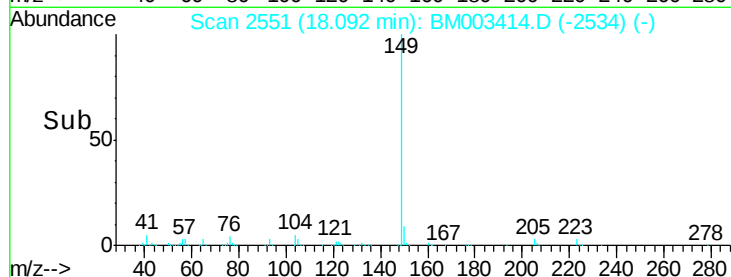
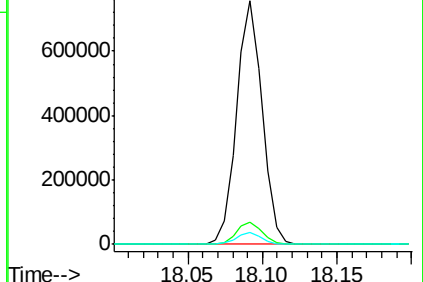
104 4.9 3.7 5.5



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: 37.52 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

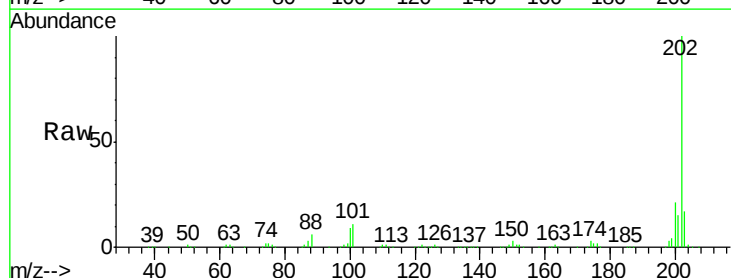
Tgt Ion:202 Resp: 870939

Ion Ratio Lower Upper

202 100

101 11.3 0.0 28.7

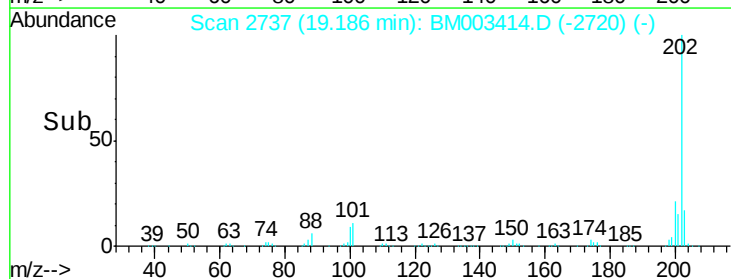
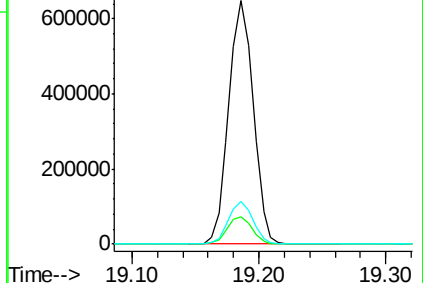
203 17.4 0.0 37.2

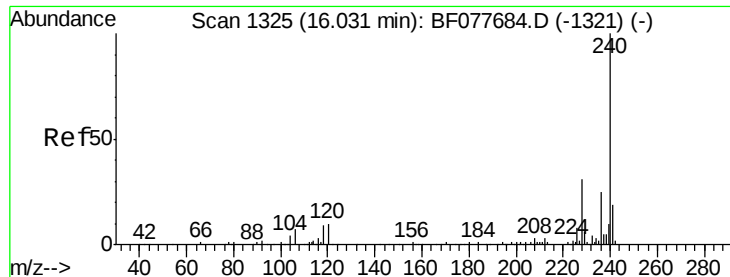


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.32 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

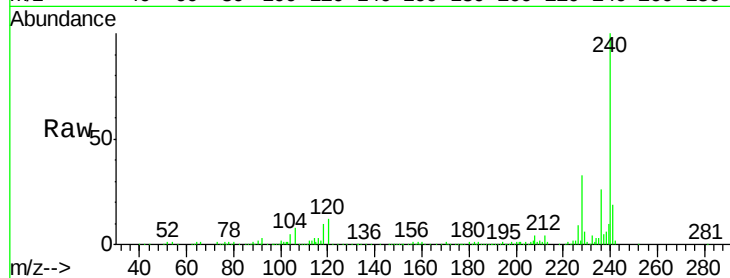
Tot Ion:240 Resp: 317086

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

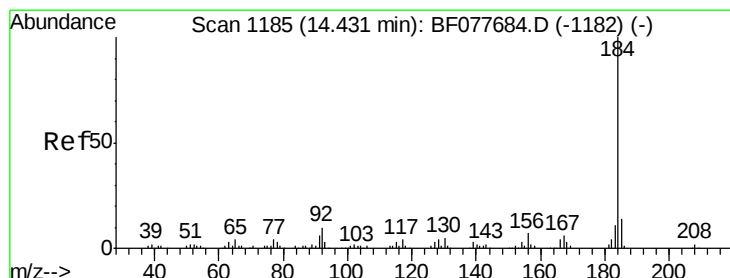
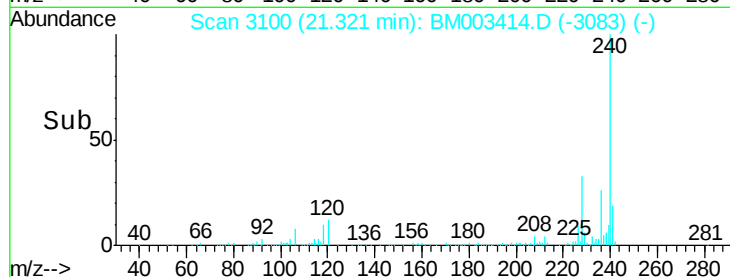
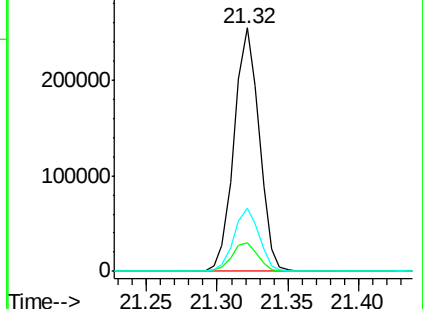
236 25.9 20.0 30.0



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: 48.59 ng

RT: 19.37 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

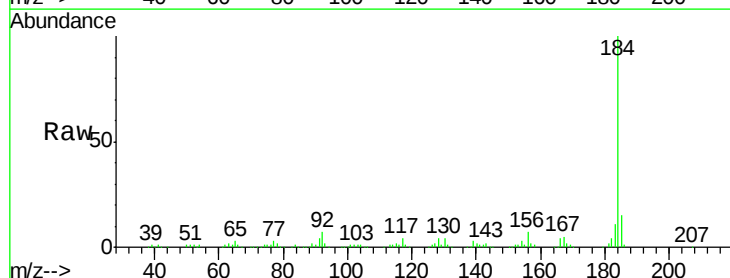
Tgt Ion:184 Resp: 441428

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

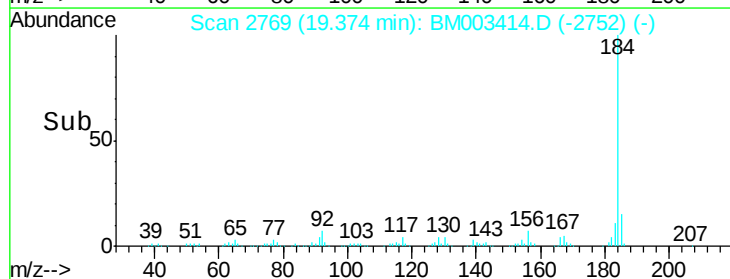
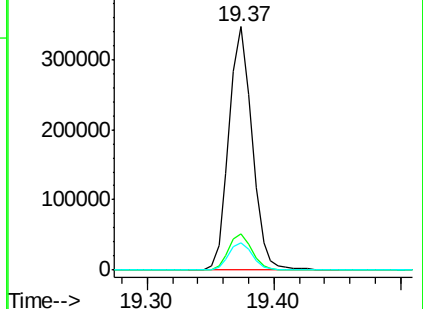
183 11.3 8.9 13.3

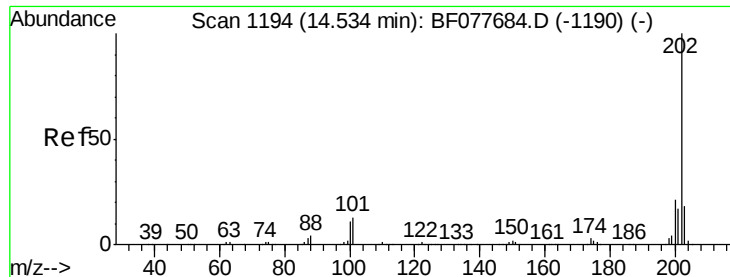


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

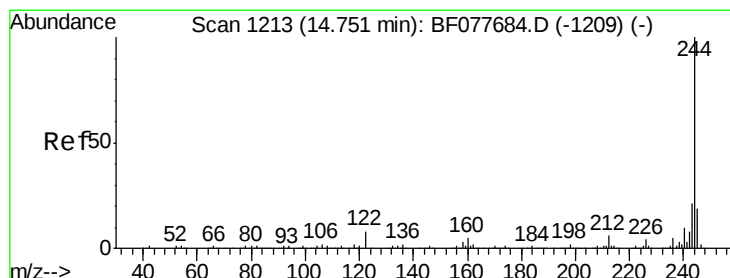
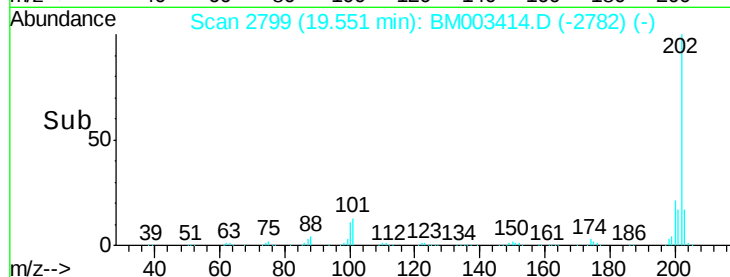
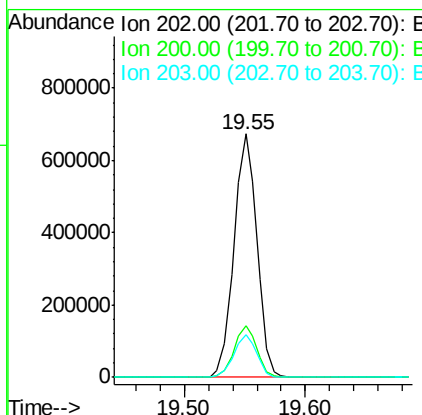
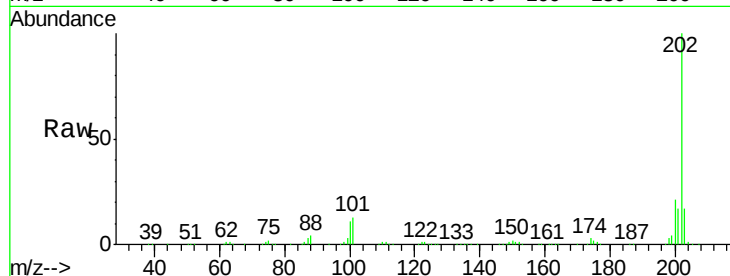




#77
Pvrene
Concen: 44.54 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

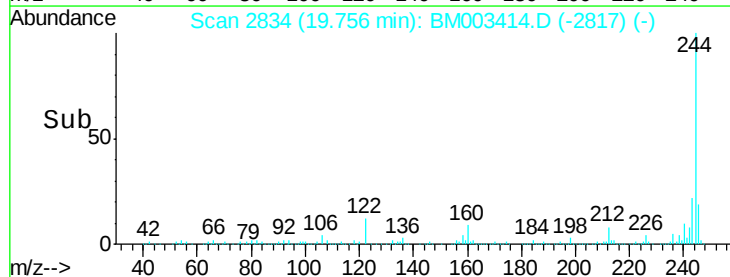
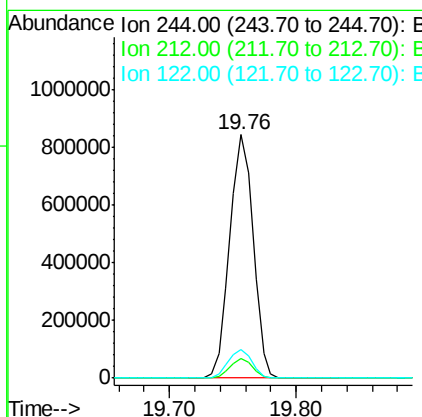
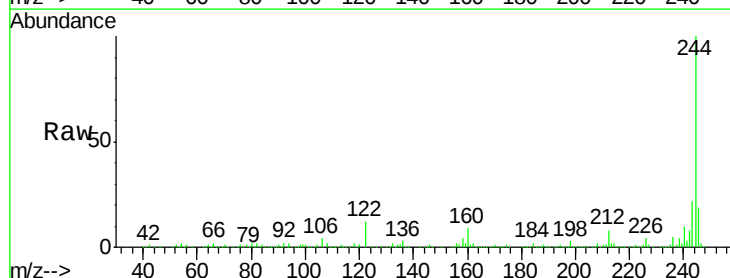
Instrument :
BNA_M
ClientSampleId :

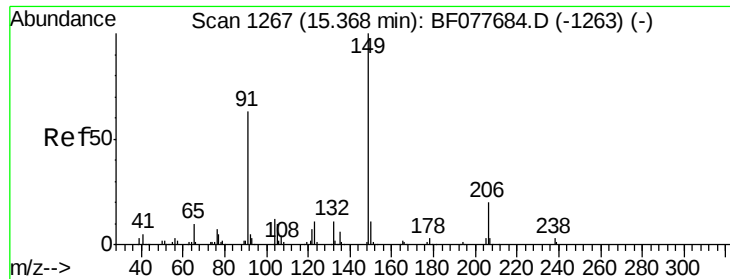
Tot Ion:202 Resp: 892529
Ion Ratio Lower Upper
202 100
200 21.3 16.9 25.3
203 17.4 14.1 21.1



#78
Terphenyl-d14
Concen: 83.31 ng
RT: 19.76 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion:244 Resp: 1079012
Ion Ratio Lower Upper
244 100
212 7.8 4.9 7.3#
122 11.7 6.2 9.4#

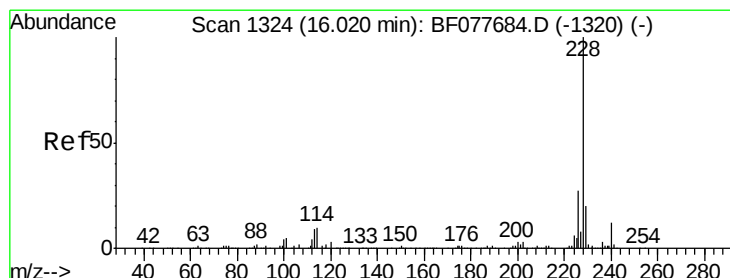
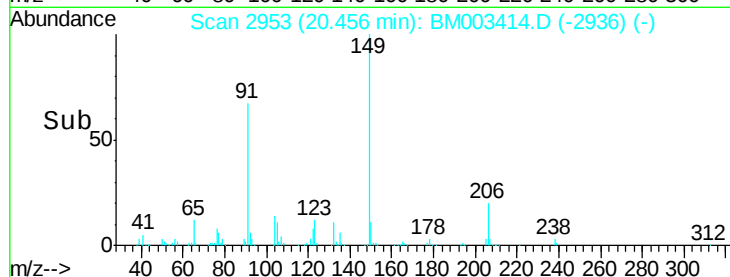
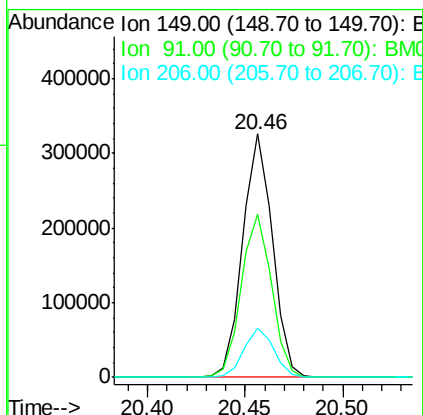
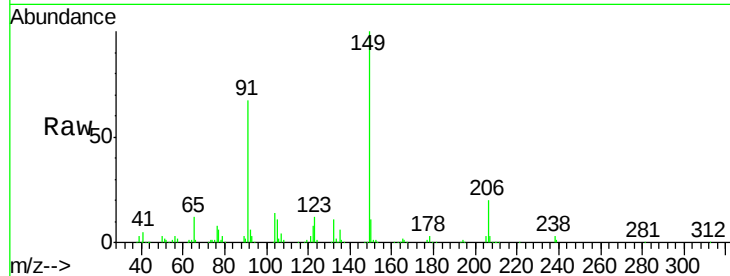




#79
Butylbenzylphthalate
Concen: 43.38 ng
RT: 20.46 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

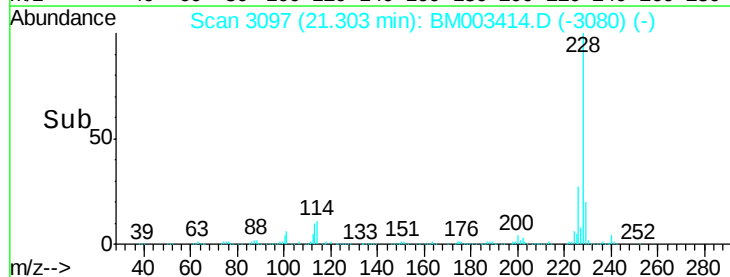
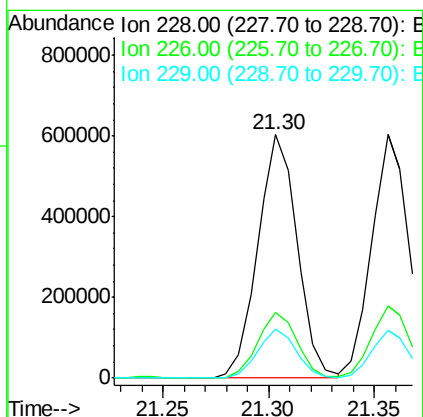
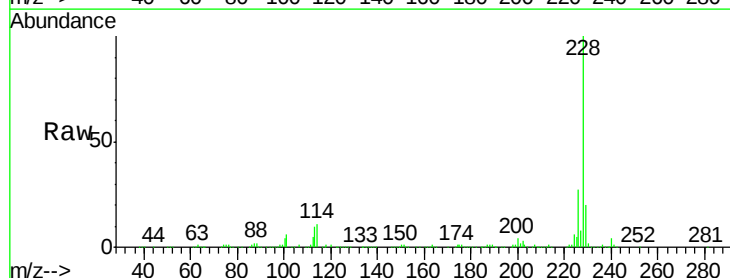
Instrument :
BNA_M
ClientSampleId :

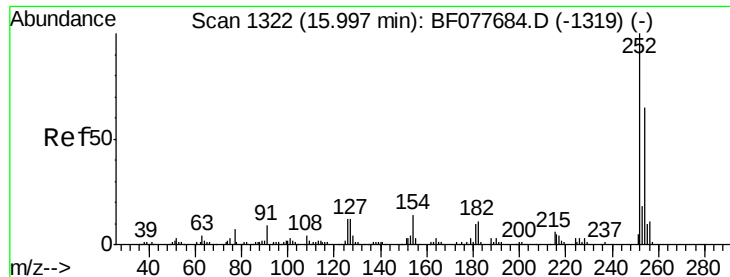
Tot Ion:149 Resp: 345043
Ion Ratio Lower Upper
149 100
91 67.0 50.1 75.1
206 20.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 41.05 ng
RT: 21.30 min Scan# 3097
Delta R.T. 0.00 min
Lab File: BM003414.D
Acq: 09 Dec 2015 16:05

Tgt Ion:228 Resp: 779742
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.9 16.0 24.0

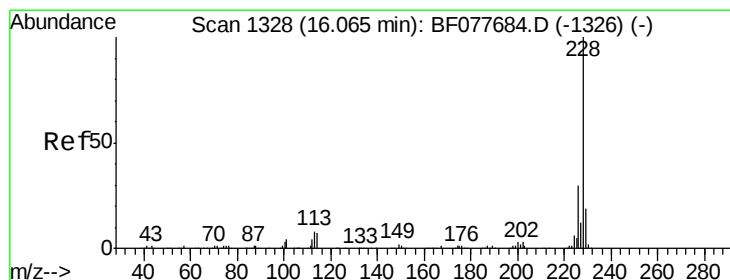
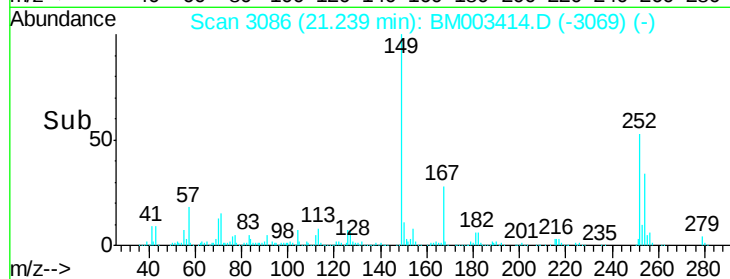
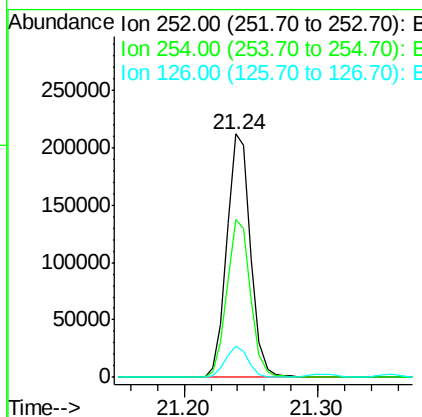
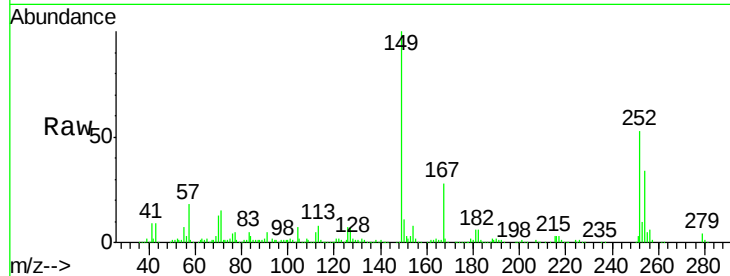




#81
 3,3'-Dichlorobenzidine
 Concen: 42.07 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

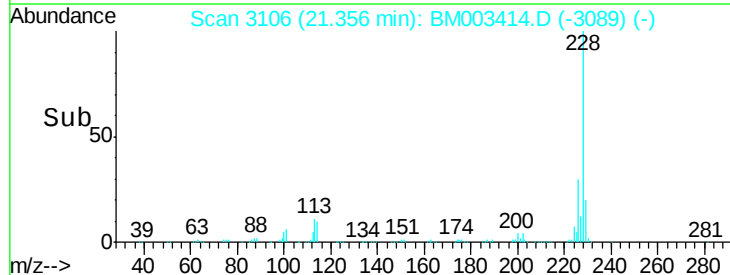
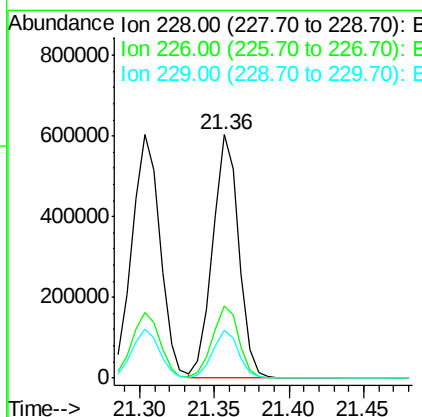
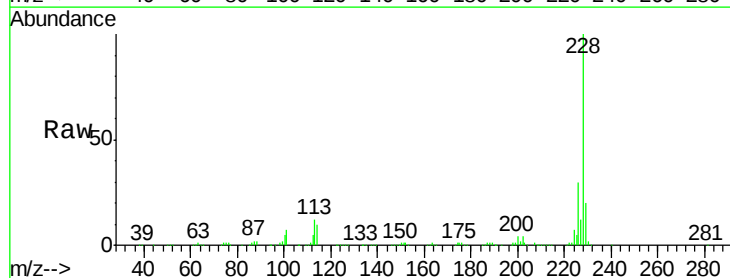
Instrument :
 BNA_M
 ClientSampleId :

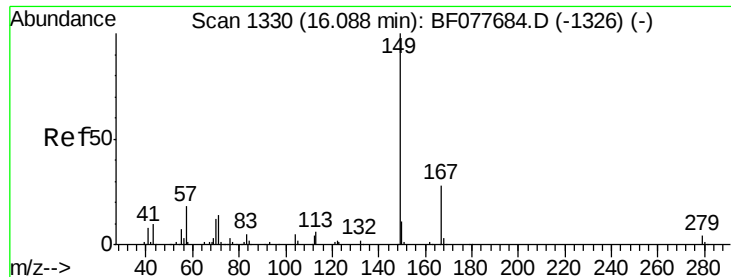
Tot Ion:252 Resp: 265301
 Ion Ratio Lower Upper
 252 100
 254 65.0 51.9 77.9
 126 12.7 9.8 14.8



#82
 Chrysene
 Concen: 43.01 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion:228 Resp: 737026
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.6 15.5 23.3

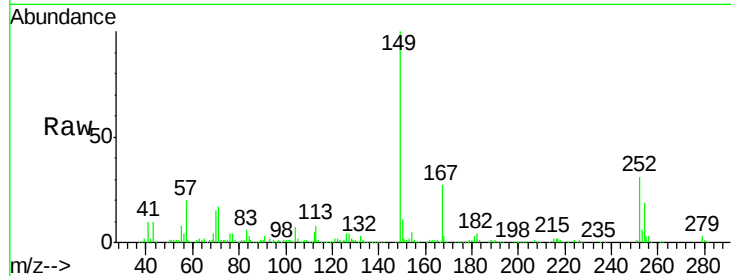




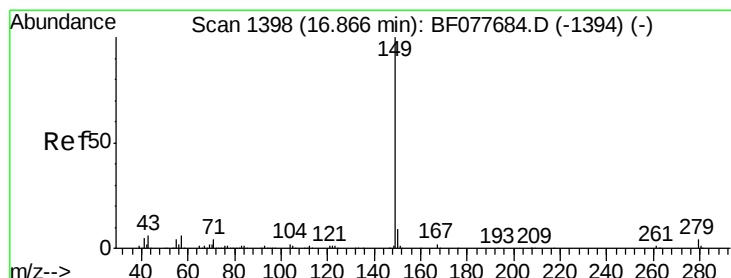
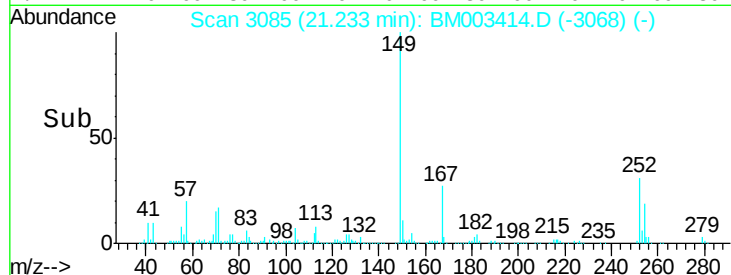
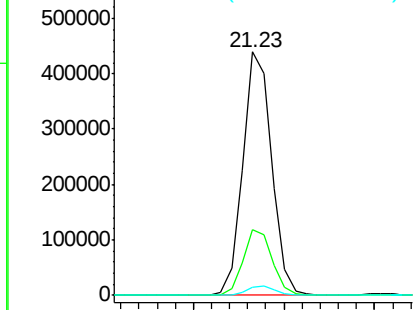
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.39 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:149 Resp: 483489
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.4 33.6
 279 3.5 3.4 5.0

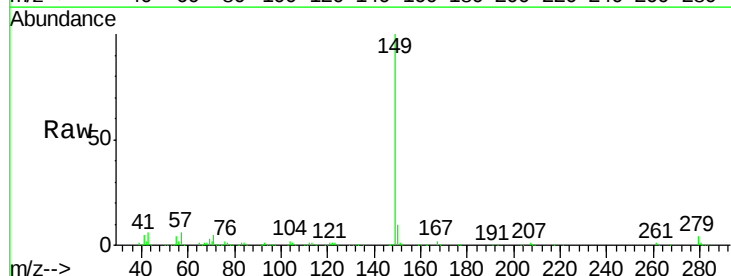


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

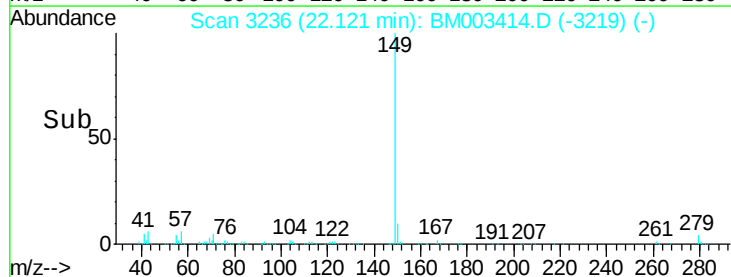
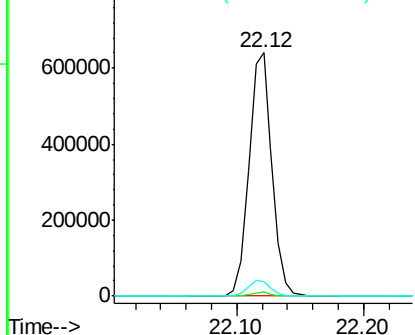


#84
 Di-n-octyl phthalate
 Concen: 39.43 ng
 RT: 22.12 min Scan# 3236
 Delta R.T. 0.00 min
 Lab File: BM003414.D
 Acq: 09 Dec 2015 16:05

Tgt Ion:149 Resp: 804823
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 6.6 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.98 ng

RT: 25.86 min Scan# 3872

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

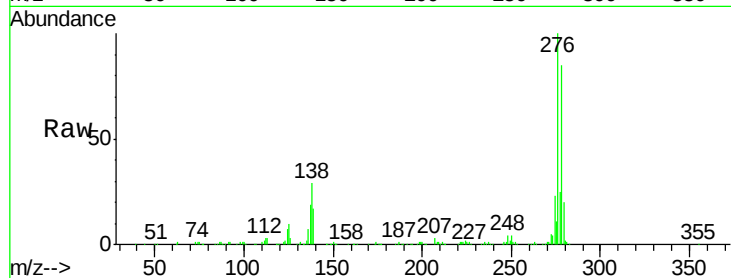
Tot Ion:276 Resp: 828919

Ion Ratio Lower Upper

276 100

138 28.6 0.0 0.0#

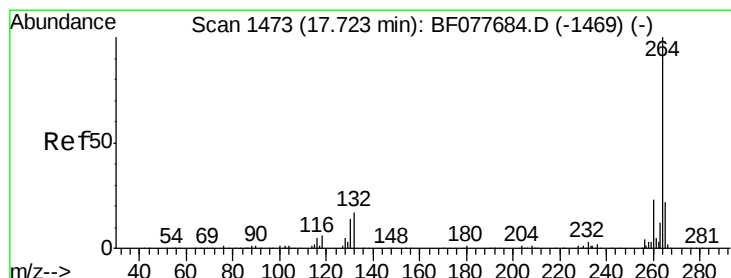
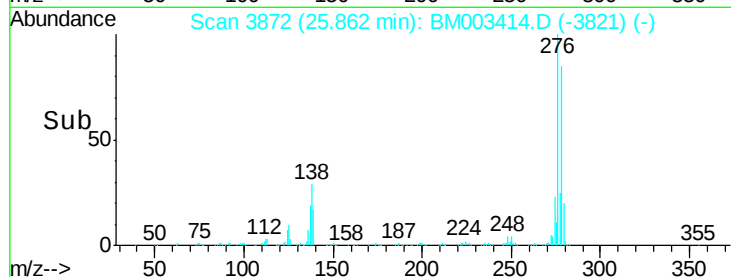
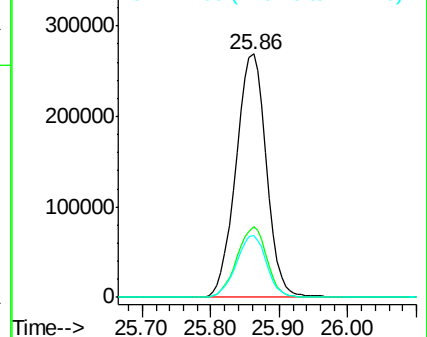
277 25.2 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3483

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

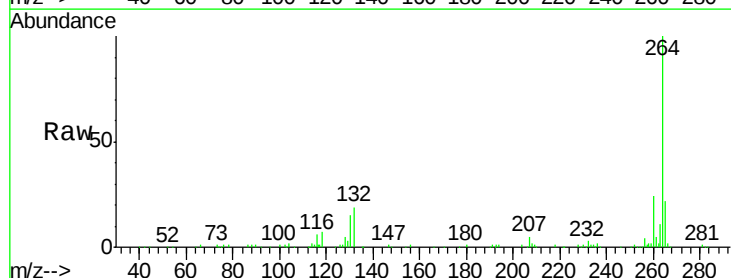
Tgt Ion:264 Resp: 295921

Ion Ratio Lower Upper

264 100

260 23.5 18.6 27.8

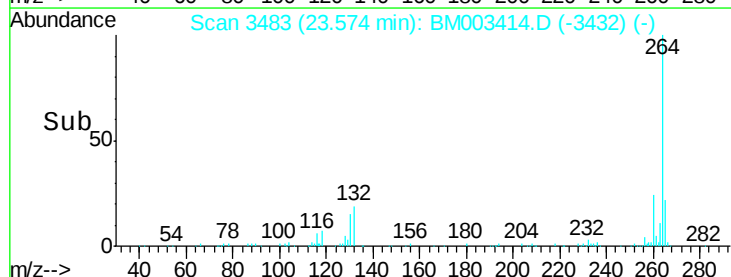
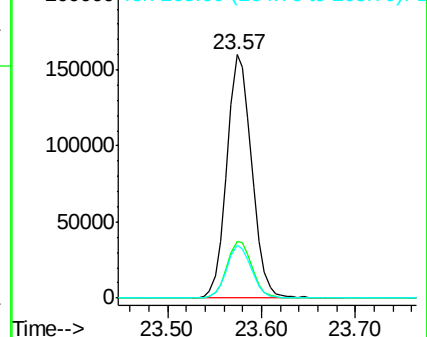
265 21.6 17.3 25.9

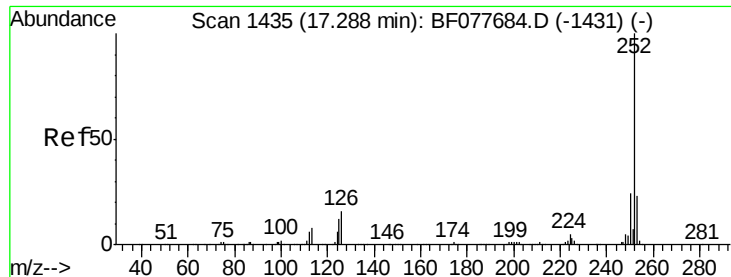


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 38.03 ng

RT: 22.90 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampled :

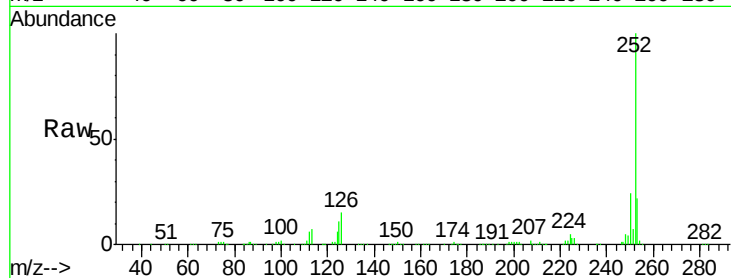
Tot Ion:252 Resp: 729432

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

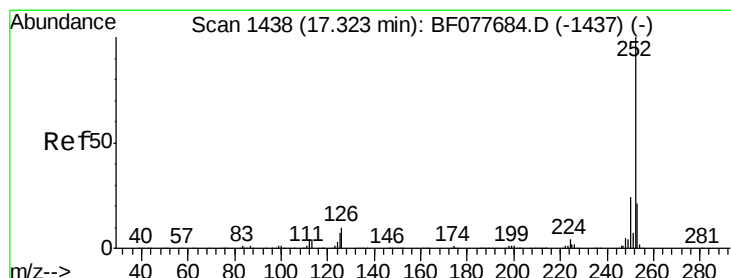
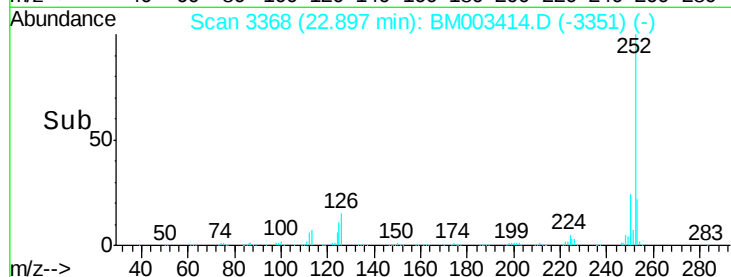
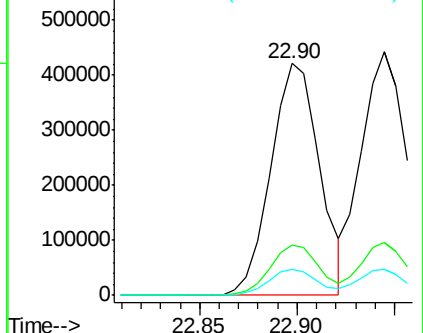
125 11.2 9.9 14.9



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: 46.02 ng

RT: 22.94 min Scan# 3376

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

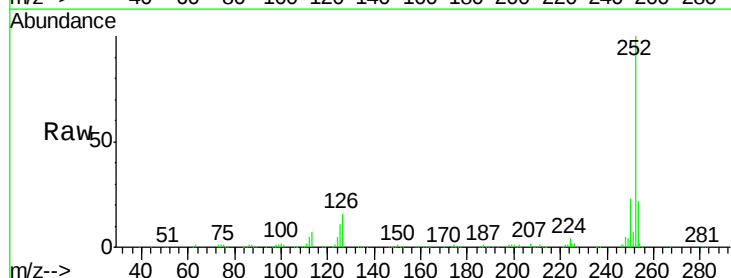
Tgt Ion:252 Resp: 718055

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

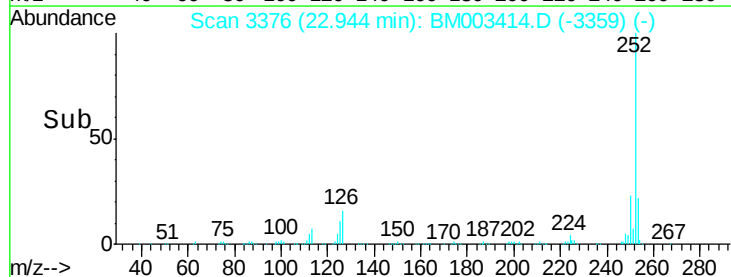
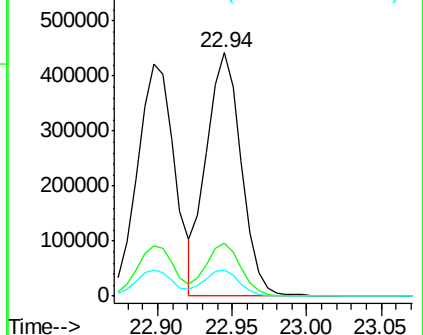
125 10.9 8.1 12.1

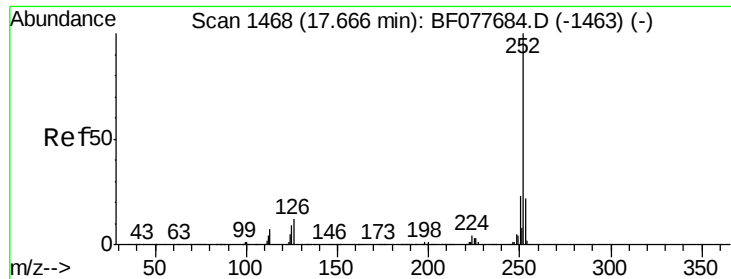


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.76 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :

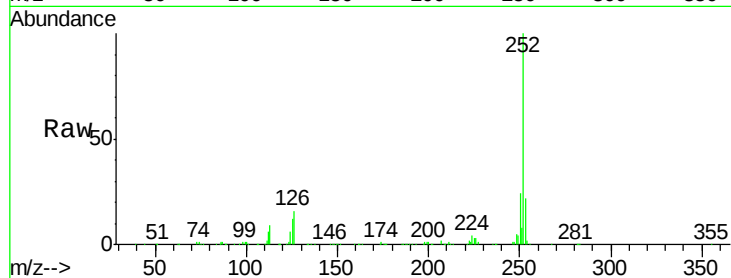
Tot Ion:252 Resp: 698800

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

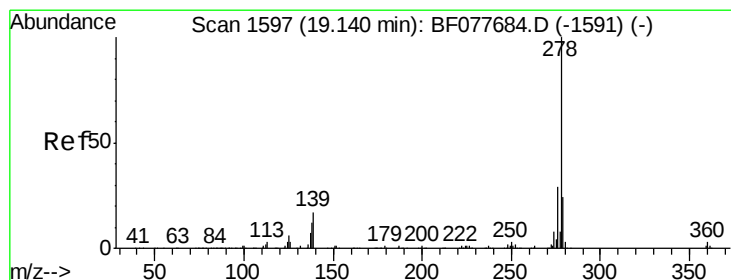
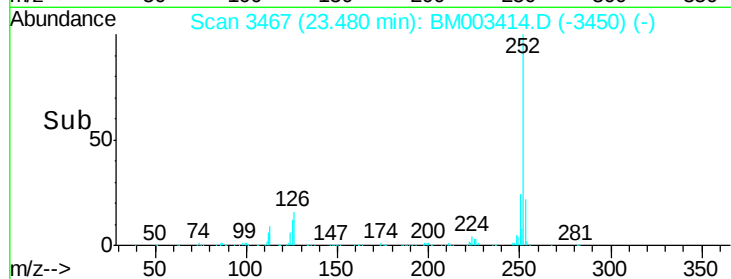
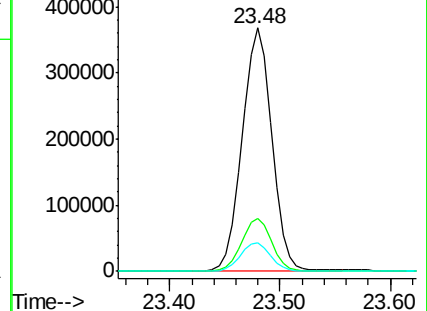
125 12.0 7.4 11.2#



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: 42.61 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.00 min

Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

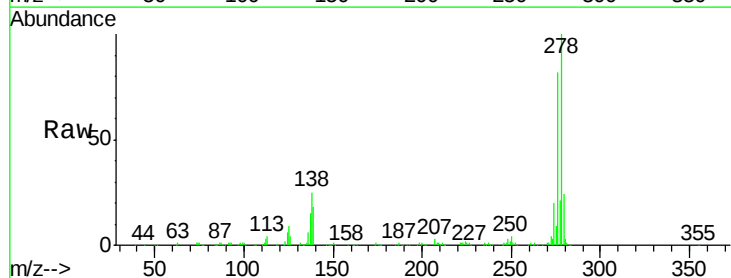
Tgt Ion:278 Resp: 690862

Ion Ratio Lower Upper

278 100

139 17.5 13.4 20.0

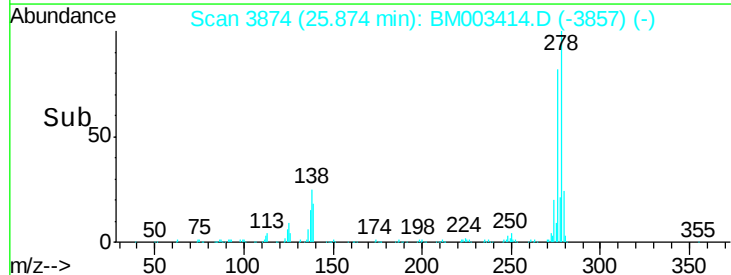
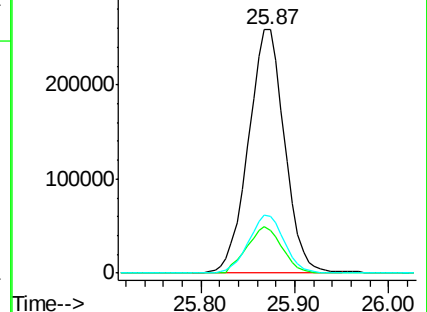
279 23.5 19.0 28.4

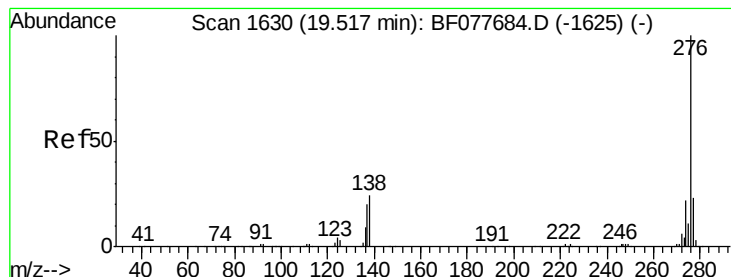


Abundance Ion 278.00 (277.70 to 278.70): E

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: 42.49 ng

RT: 26.56 min Scan# 3990

Delta R.T. 0.00 min

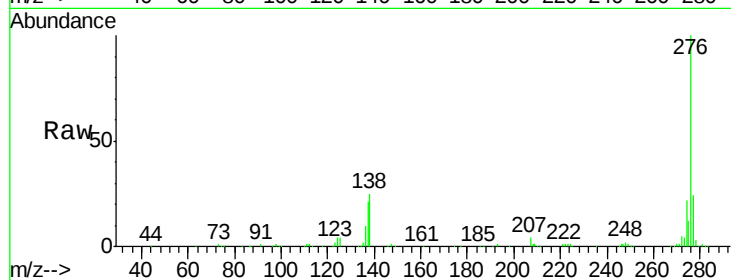
Lab File: BM003414.D

Acq: 09 Dec 2015 16:05

Instrument :

BNA_M

ClientSampleId :



Tot Ion:	276	Resp:	697358
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.5	27.7
138	24.6	19.0	28.6

