

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003714.D
 Acq On : 22 Dec 2015 18:47
 Operator : UM/SJ
 Sample : PB87468BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

Quant Time: Dec 22 23:34:59 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 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	39070	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	167334	20.00	ng	-0.03
38) Acenaphthene-d10	14.35	164	78620	20.00	ng	-0.03
63) Phenanthrene-d10	17.10	188	119371	20.00	ng	-0.02
75) Chrysene-d12	21.30	240	113182	20.00	ng	-0.02
86) Perylene-d12	23.54	264	103142	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	304227	138.44	ng	-0.02
7) Phenol-d6	6.88	99	334358	109.57	ng	-0.02
23) Nitrobenzene-d5	8.85	82	221465	82.06	ng	-0.03
41) 2,4,6-Tribromophenol	15.85	330	77609	98.84	ng	-0.02
44) 2-Fluorobiphenyl	12.96	172	504198	87.37	ng	-0.03
78) Terphenyl-d14	19.73	244	390296	81.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	30491	33.44	ng	# 100
3) Pyridine	3.58	79	100227	39.24	ng	90
4) n-Nitrosodimethylamine	3.50	42	37589	45.96	ng	92
6) Aniline	7.02	93	116882	29.10	ng	97
8) 2-Chlorophenol	7.26	128	122046	43.86	ng	96
9) Benzaldehyde	6.83	77	28597	19.11	ng	98
10) Phenol	6.90	94	124185	38.35	ng	# 74
11) bis(2-Chloroethyl)ether	7.12	93	109239	41.70	ng	99
12) 1,3-Dichlorobenzene	7.58	146	128396	42.00	ng	97
13) 1,4-Dichlorobenzene	7.73	146	127741	40.53	ng	97
14) 1,2-Dichlorobenzene	8.05	146	112563	37.40	ng	96
15) Benzyl Alcohol	7.93	79	83848	39.71	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.23	45	111345	39.79	ng	93
17) 2-Methylphenol	8.14	107	85005	37.55	ng	96
18) Hexachloroethane	8.76	117	41842	38.64	ng	92
19) n-Nitroso-di-n-propylamine	8.50	70	79967	39.95	ng	90
20) 3+4-Methylphenols	8.47	107	127852	40.82	ng	97
22) Acetophenone	8.52	105	164504	40.11	ng	# 91
24) Nitrobenzene	8.89	77	109114	37.40	ng	91
25) Isophorone	9.41	82	223112	40.87	ng	97
26) 2-Nitrophenol	9.60	139	61582	41.73	ng	# 90
27) 2,4-Dimethylphenol	9.67	122	111683	43.46	ng	94
28) bis(2-Chloroethoxy)methane	9.90	93	140965	42.98	ng	99
29) 2,4-Dichlorophenol	10.13	162	107044	43.73	ng	99
30) 1,2,4-Trichlorobenzene	10.35	180	114389	41.85	ng	97
31) Naphthalene	10.53	128	369212	42.17	ng	100
32) Benzoic acid	9.80	122	51001	35.20	ng	97
33) 4-Chloroaniline	10.65	127	39939	11.05	ng	# 94
34) Hexachlorobutadiene	10.82	225	68802	42.45	ng	99
35) Caprolactam	11.41	113	29824	36.85	ng	# 79
36) 4-Chloro-3-methylphenol	11.78	107	108888	39.45	ng	88
37) 2-Methylnaphthalene	12.15	142	251949	41.95	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	116550	46.11	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	138481	98.23	ng	98

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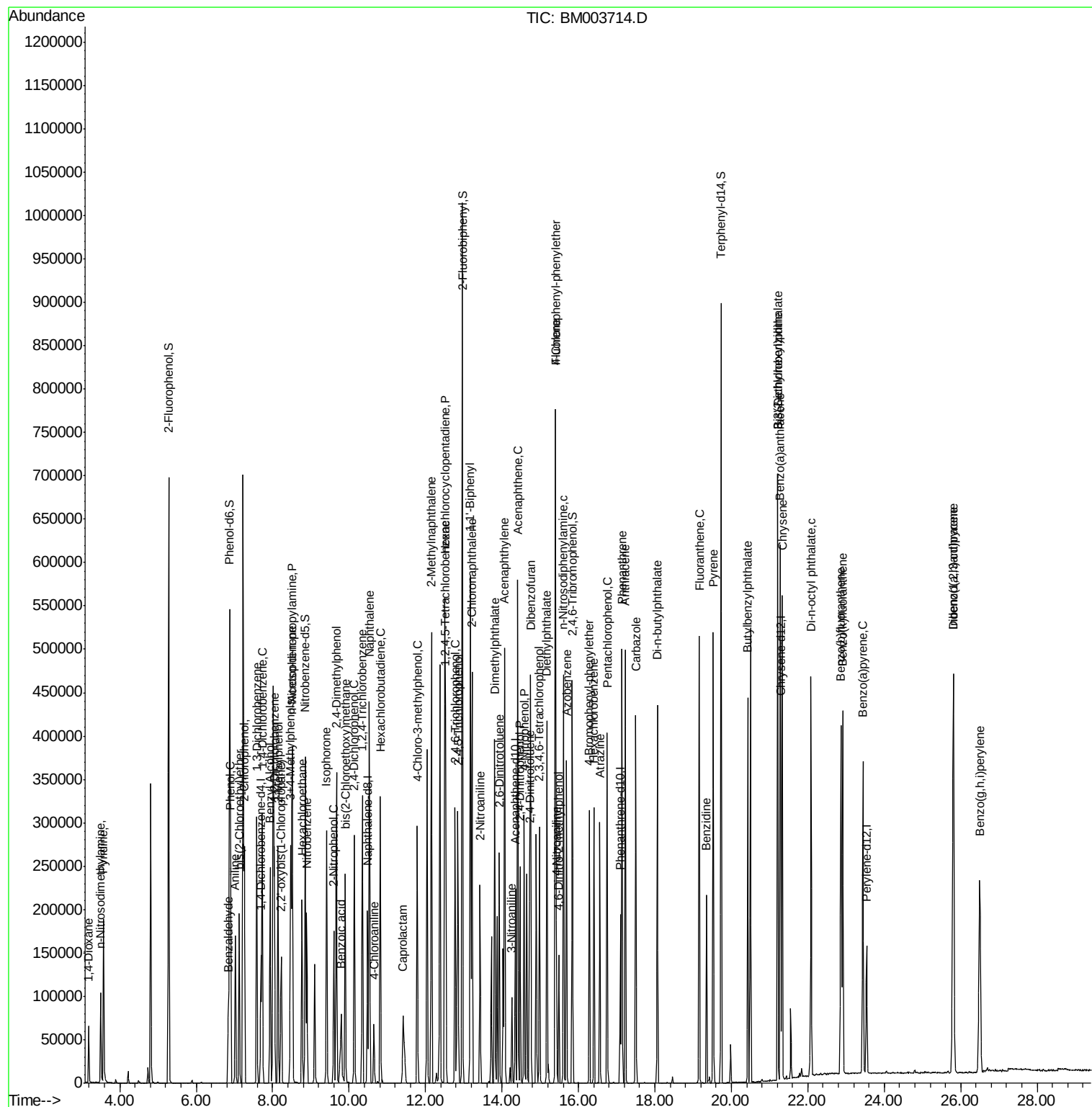
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42) 2,4,6-Trichlorophenol	12.77	196	74270	45.05	ng	99
43) 2,4,5-Trichlorophenol	12.85	196	80558	46.50	ng	# 88
45) 1,1'-Biphenyl	13.17	154	302331	43.36	ng	98
46) 2-Chloronaphthalene	13.22	162	229399	44.80	ng	# 92
47) 2-Nitroaniline	13.43	65	58001	45.66	ng	97
48) Acenaphthylene	14.07	152	365903	42.86	ng	99
49) Dimethylphthalate	13.81	163	270178	41.70	ng	99
50) 2,6-Dinitrotoluene	13.93	165	57985	42.90	ng	96
51) Acenaphthene	14.41	154	208223	42.09	ng	99
52) 3-Nitroaniline	14.26	138	26232	18.96	ng	# 83
53) 2,4-Dinitrophenol	14.47	184	54306	71.85	ng	# 84
54) Dibenzofuran	14.75	168	304853	42.66	ng	93
55) 4-Nitrophenol	14.58	139	88155	77.17	ng	79
56) 2,4-Dinitrotoluene	14.72	165	72148	41.14	ng	# 74
57) Fluorene	15.40	166	210440	35.52	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	58417	43.86	ng	# 100
59) Diethylphthalate	15.17	149	229480	36.08	ng	97
60) 4-Chlorophenyl-phenylether	15.39	204	102592	34.25	ng	91
61) 4-Nitroaniline	15.43	138	46976	33.25	ng	# 72
62) Azobenzene	15.69	77	201091	40.33	ng	96
64) 4,6-Dinitro-2-methylphenol	15.49	198	33773	46.89	ng	85
65) n-Nitrosodiphenylamine	15.61	169	177019	46.90	ng	99
66) 4-Bromophenyl-phenylether	16.29	248	55897	43.43	ng	# 83
67) Hexachlorobenzene	16.40	284	61144	44.22	ng	# 82
68) Atrazine	16.56	200	55637	47.27	ng	99
69) Pentachlorophenol	16.75	266	64976	82.31	ng	98
70) Phenanthrene	17.14	178	298636	44.58	ng	100
71) Anthracene	17.23	178	300224	45.11	ng	99
72) Carbazole	17.50	167	269497	46.48	ng	99
73) Di-n-butylphthalate	18.06	149	316814	46.74	ng	99
74) Fluoranthene	19.16	202	317658	45.98	ng	99
76) Benzidine	19.35	184	118766	32.75	ng	100
77) Pyrene	19.52	202	325997	41.07	ng	99
79) Butylbenzylphthalate	20.43	149	136314	44.59	ng	93
80) Benzo(a)anthracene	21.28	228	292436	43.09	ng	99
81) 3,3'-Dichlorobenzidine	21.22	252	64458	29.83	ng	99
82) Chrysene	21.33	228	271820	41.62	ng	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	190158	45.36	ng	98
84) Di-n-octyl phthalate	22.09	149	330221	47.68	ng	# 94
85) Indeno(1,2,3-cd)pyrene	25.80	276	315923	46.04	ng	# 100
87) Benzo(b)fluoranthene	22.87	252	280357	44.72	ng	97
88) Benzo(k)fluoranthene	22.91	252	274346	44.82	ng	99
89) Benzo(a)pyrene	23.44	252	271717	46.08	ng	# 98
90) Dibenzo(a,h)anthracene	25.81	278	264879	46.00	ng	99
91) Benzo(g,h,i)perylene	26.50	276	268035	46.08	ng	99

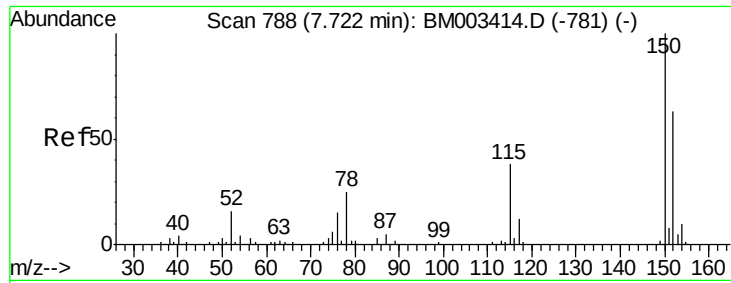
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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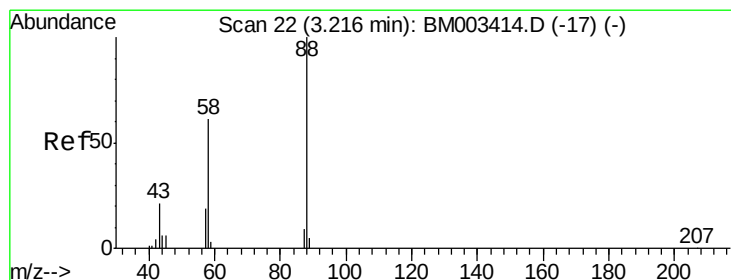
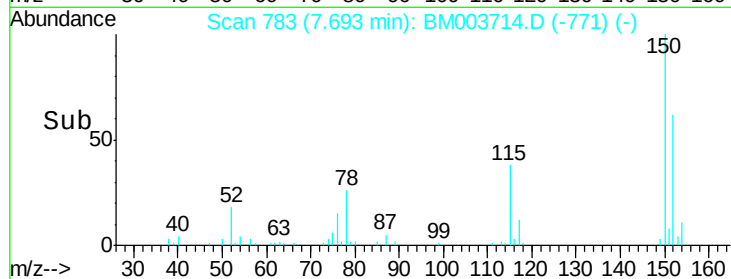
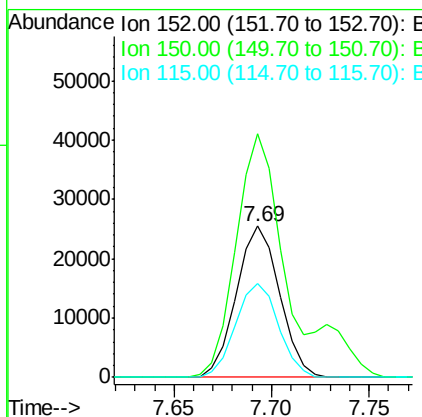
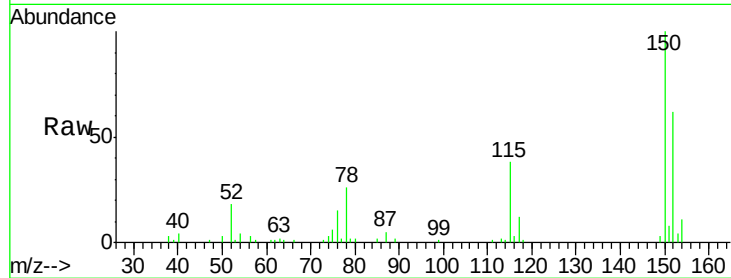




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

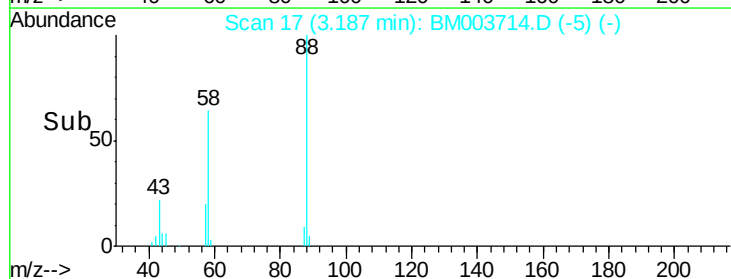
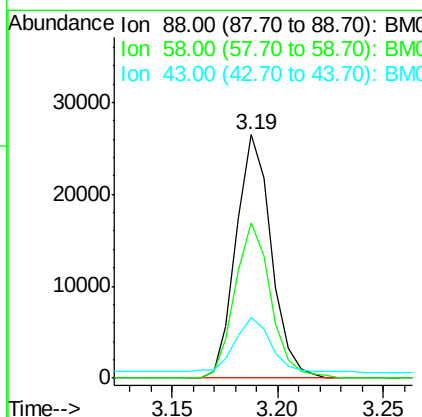
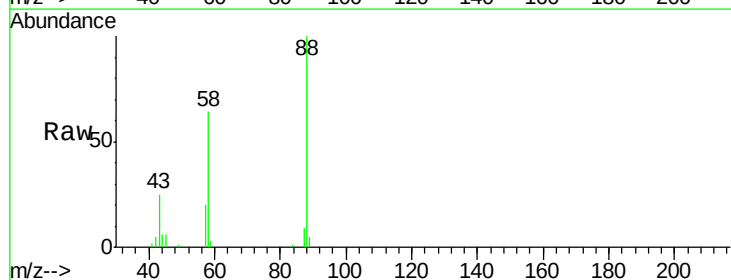
Instrument :
 BNA_M
 ClientSampleID :
 PB87468BS

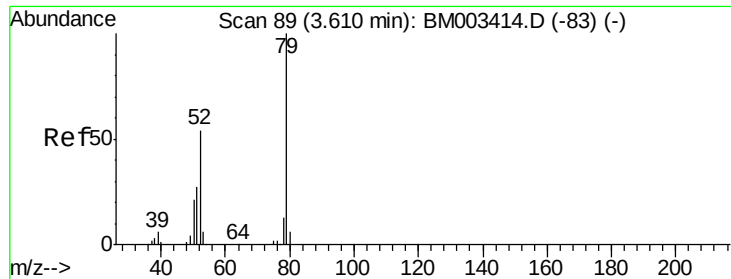
Tgt Ion:152 Resp: 39070
 Ion Ratio Lower Upper
 152 100
 150 160.8 119.5 179.3
 115 61.8 43.0 64.4



#2
 1,4-Dioxane
 Concen: 33.44 ng
 RT: 3.19 min Scan# 17
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion: 88 Resp: 30491
 Ion Ratio Lower Upper
 88 100
 58 65.1 0.0 0.0#
 43 24.3 0.0 0.0#





#3

Pyridine

Concen: 39.24 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

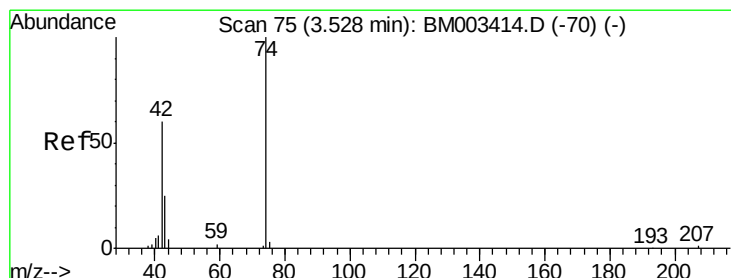
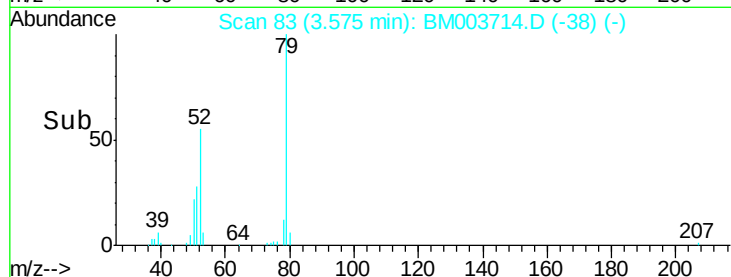
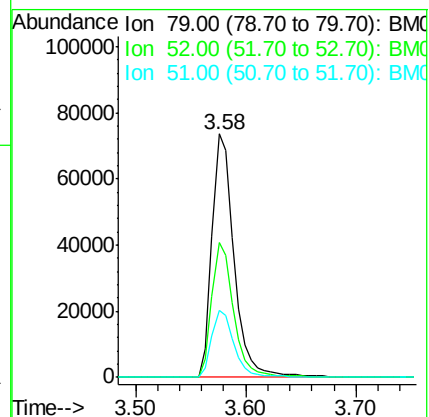
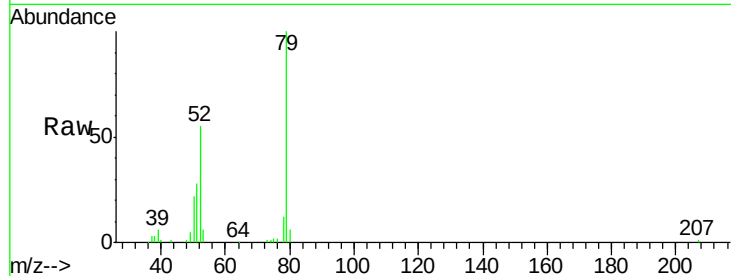
Tgt Ion: 79 Resp: 100227

Ion Ratio Lower Upper

79 100

52 55.3 51.1 76.7

51 27.8 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 45.96 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

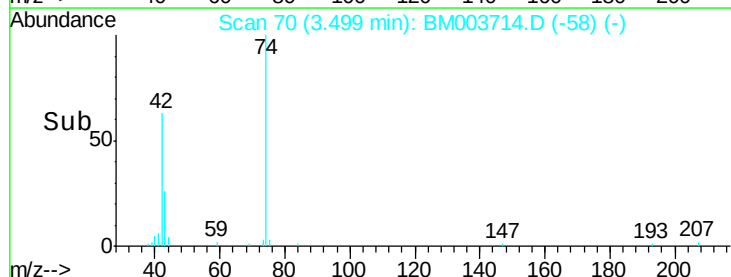
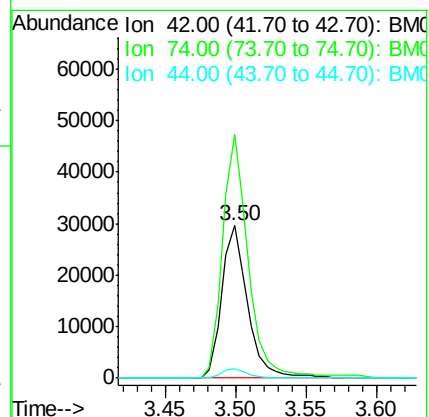
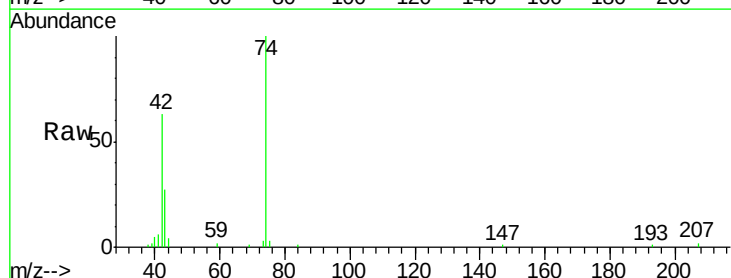
Tgt Ion: 42 Resp: 37589

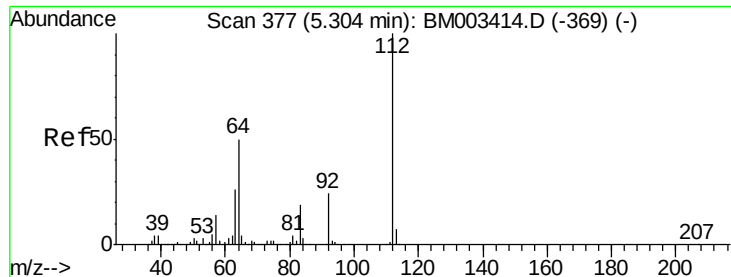
Ion Ratio Lower Upper

42 100

74 159.8 119.3 178.9

44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 138.44 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

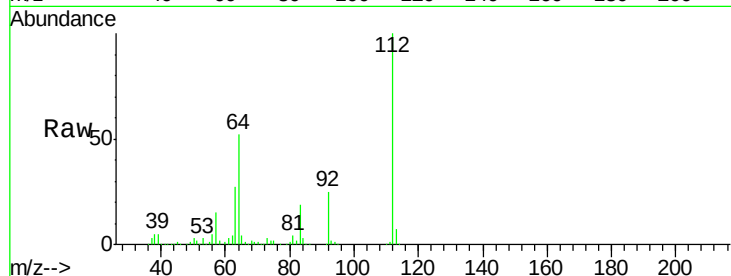
Tgt Ion: 112 Resp: 304227

Ion Ratio Lower Upper

112 100

64 52.4 38.6 57.8

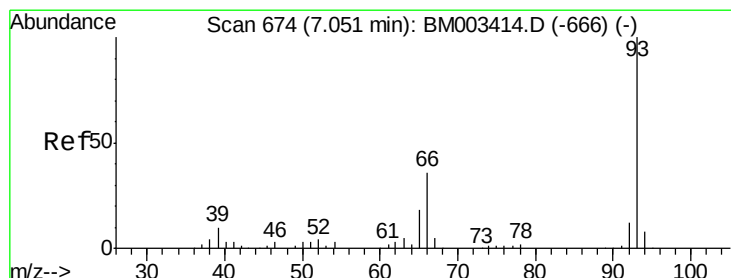
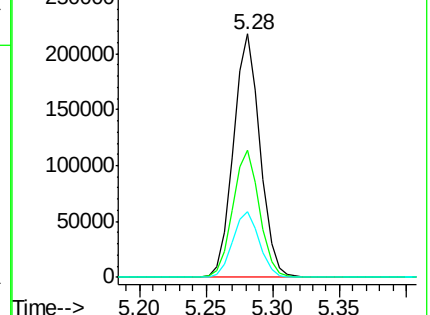
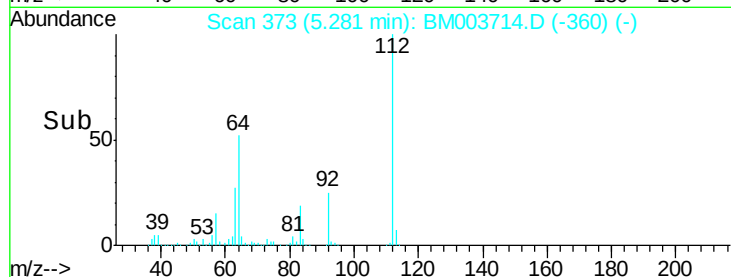
63 26.8 19.3 28.9



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: 29.10 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

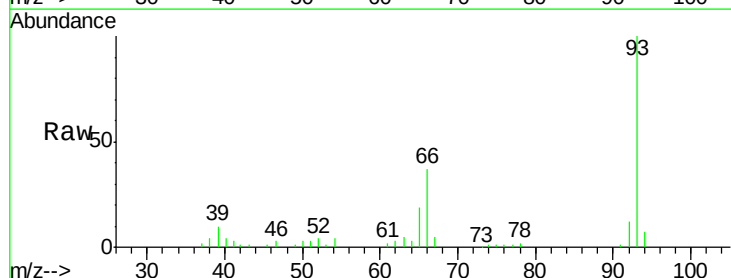
Tgt Ion: 93 Resp: 116882

Ion Ratio Lower Upper

93 100

66 36.8 30.8 46.2

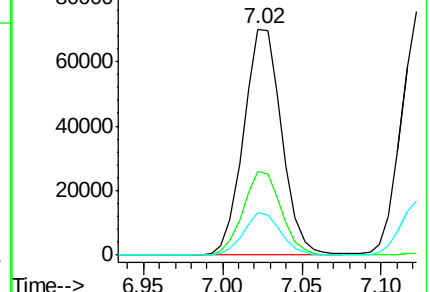
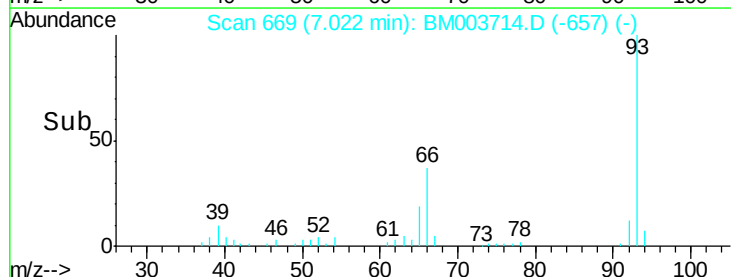
65 18.7 16.0 24.0

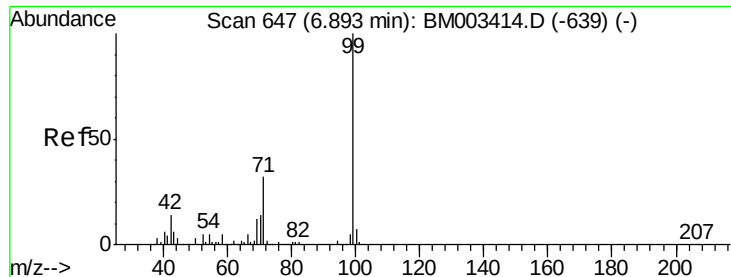


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 109.57 ng

RT: 6.88 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

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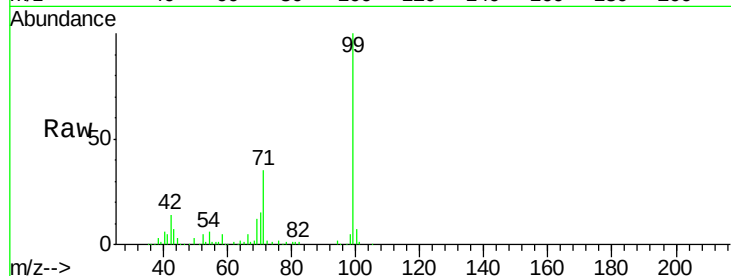
Tgt Ion: 99 Resp: 334358

Ion Ratio Lower Upper

99 100

42 14.4 11.0 16.4

71 34.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003714.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003714.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003714.D (-630) (-)

6.88

250000

200000

150000

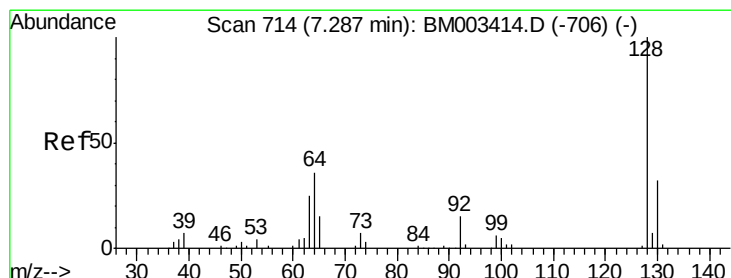
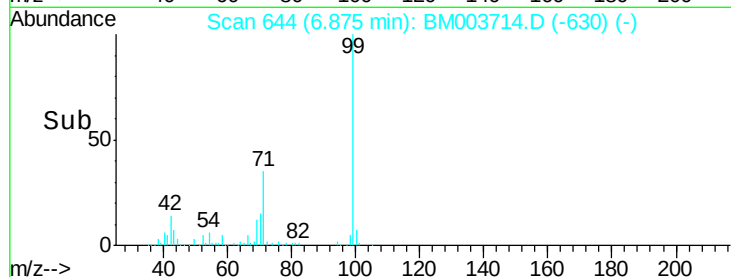
100000

50000

0

6.80 6.85 6.90 6.95

Time-->



#8

2-Chlorophenol

Concen: 43.86 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

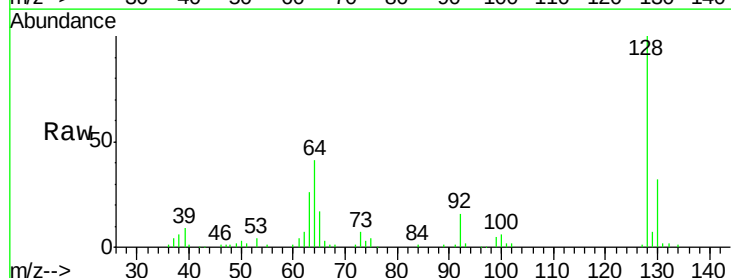
Tgt Ion: 128 Resp: 122046

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

64 40.7 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): BM003714.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003714.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003714.D (-697) (-)

7.26

100000

80000

60000

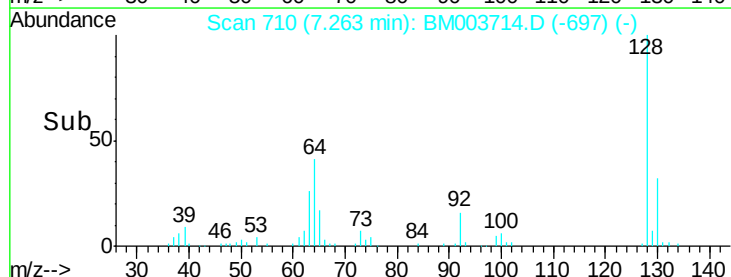
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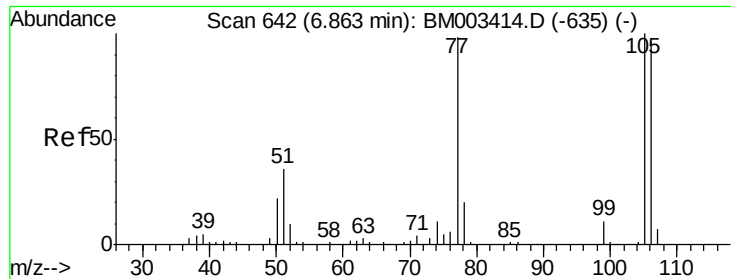
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0

7.20 7.25 7.30

Time-->

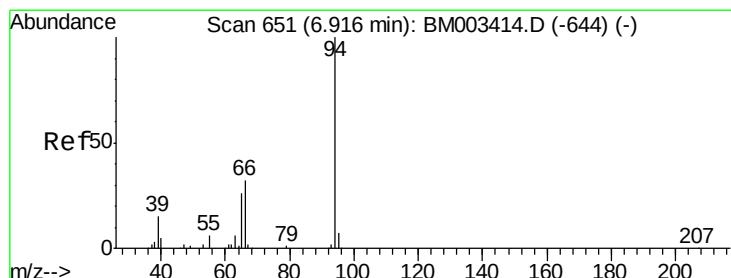
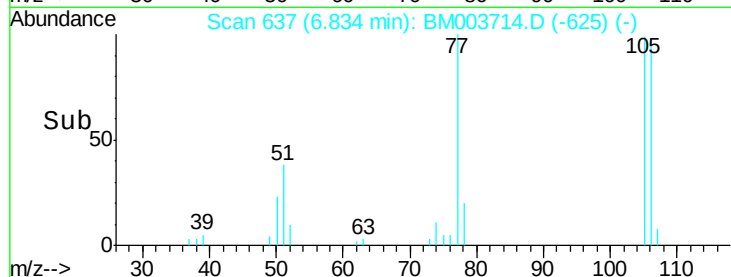
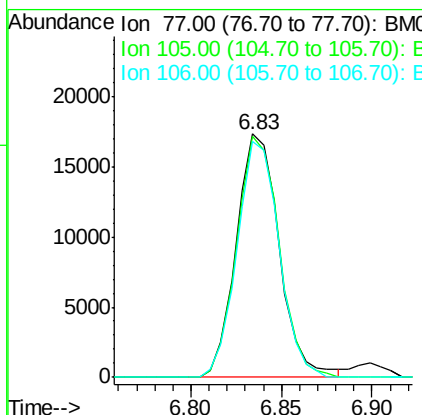
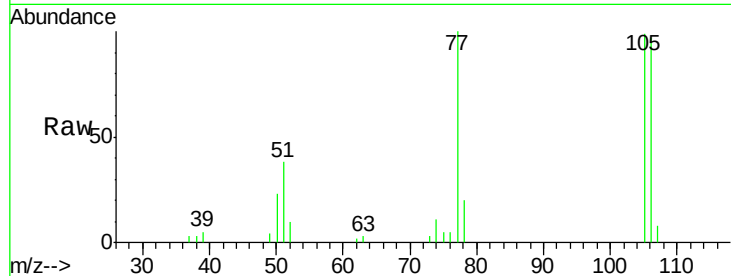




#9
Benzaldehyde
Concen: 19.11 ng
RT: 6.83 min Scan# 637
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

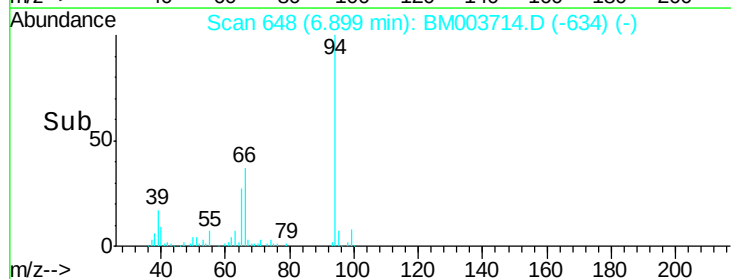
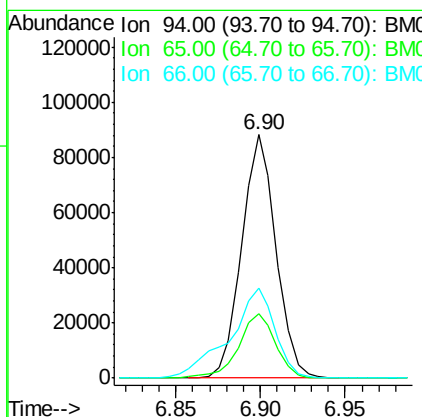
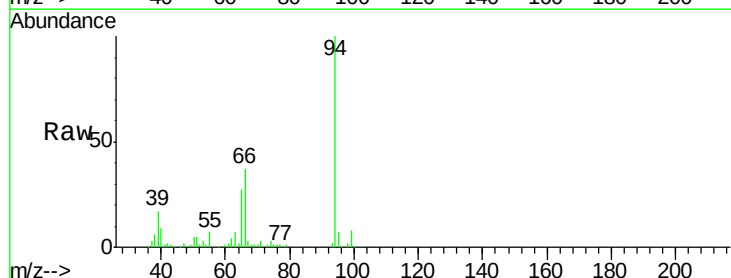
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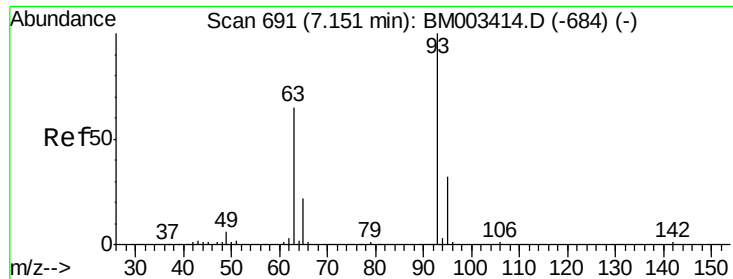
Tgt Ion: 77 Resp: 28597
Ion Ratio Lower Upper
77 100
105 99.2 78.8 118.8
106 97.0 73.7 113.7



#10
Phenol
Concen: 38.35 ng
RT: 6.90 min Scan# 648
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion: 94 Resp: 124185
Ion Ratio Lower Upper
94 100
65 26.6 18.8 58.8
66 37.0 39.9 79.9#

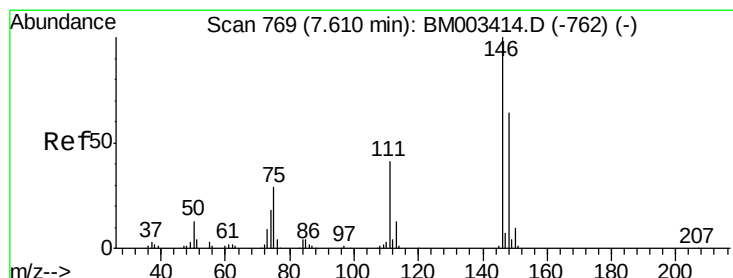
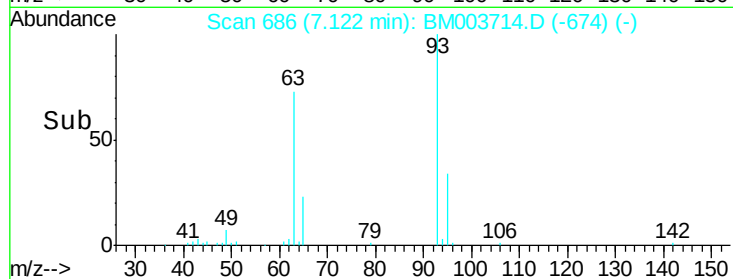
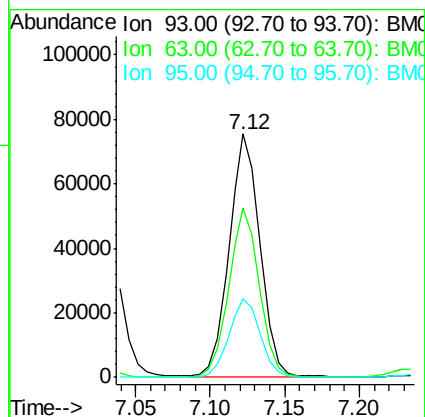
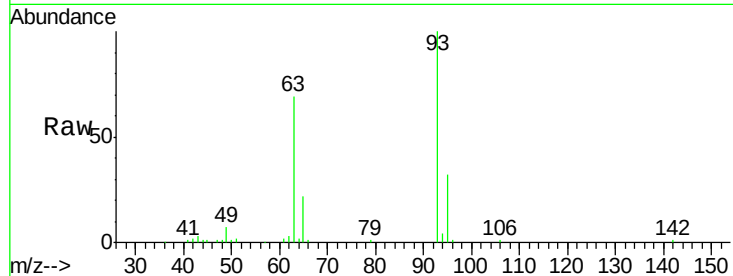




#11
bis(2-Chloroethyl)ether
Concen: 41.70 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

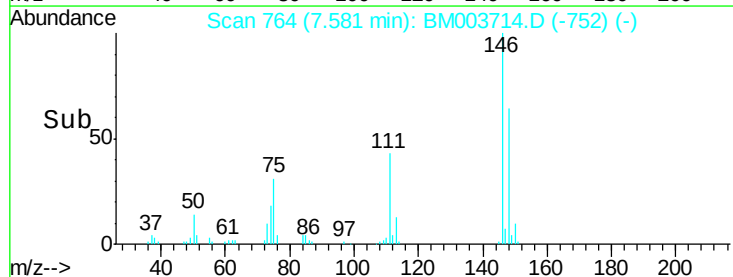
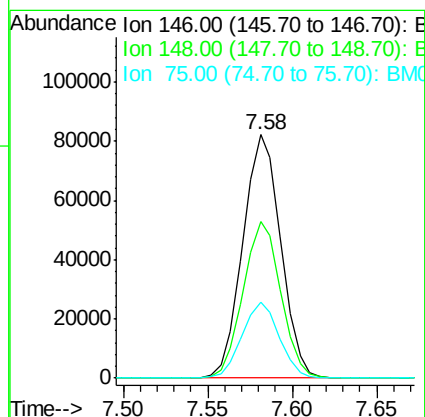
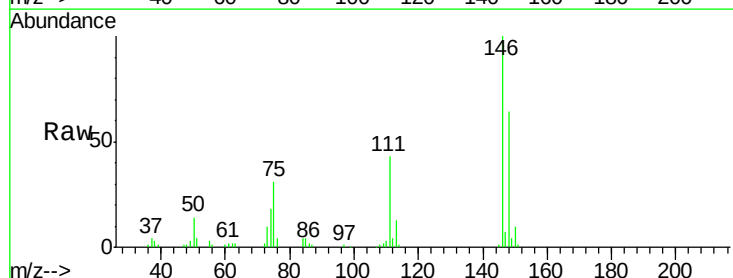
Instrument :
BNA_M
ClientSampleId :
PB87468BS

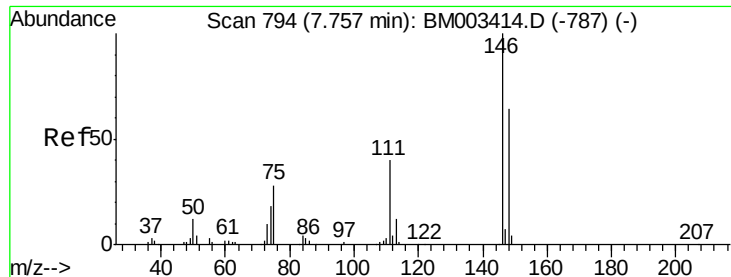
Tgt Ion	Ratio	Lower	Upper
93	100		
63	69.5	49.5	89.5
95	32.2	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 42.00 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.9	76.3
75	30.9	21.4	32.2

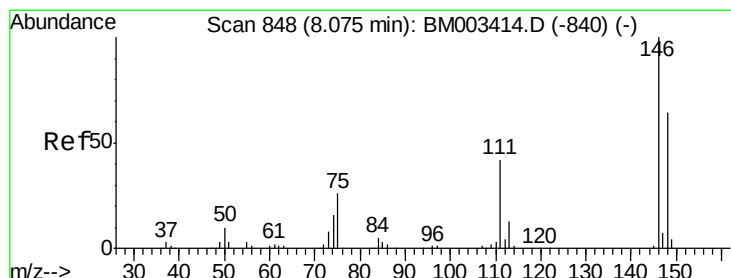
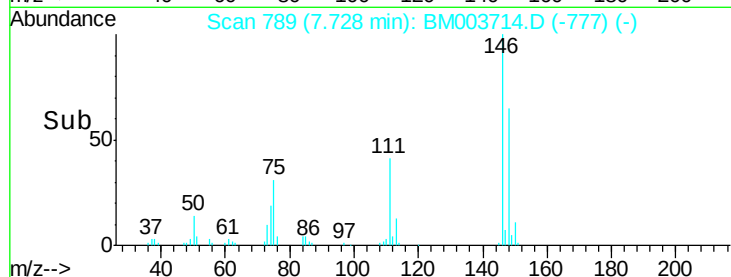
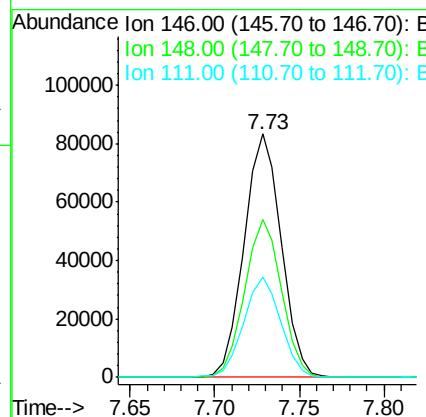
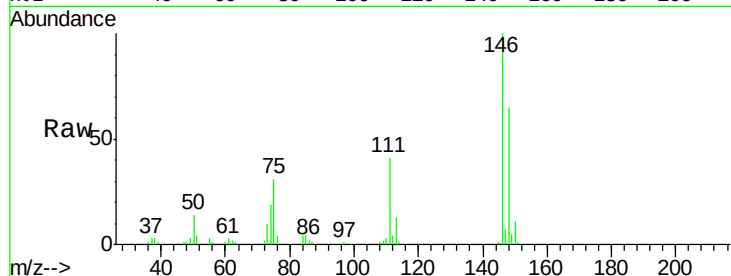




#13
 1,4-Dichlorobenzene
 Concen: 40.53 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

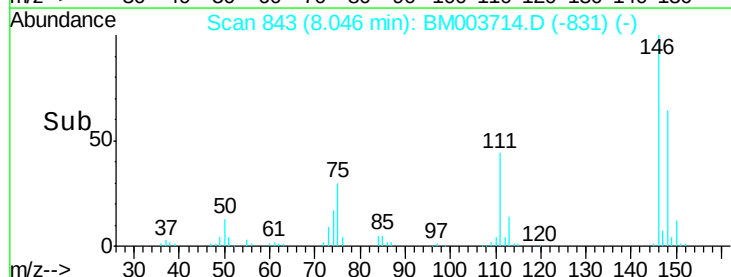
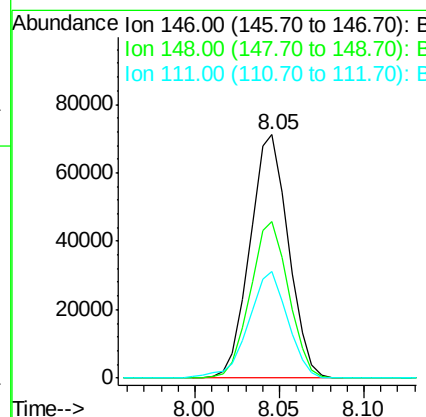
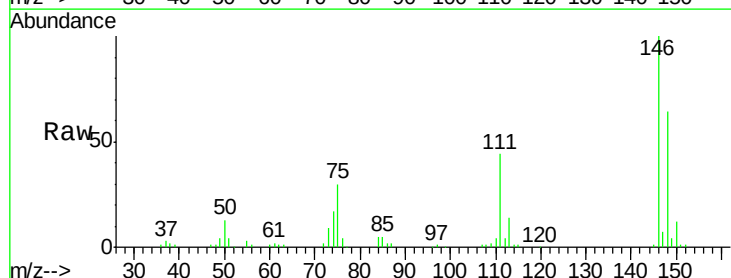
Instrument :
 BNA_M
 ClientSampled :
 PB87468BS

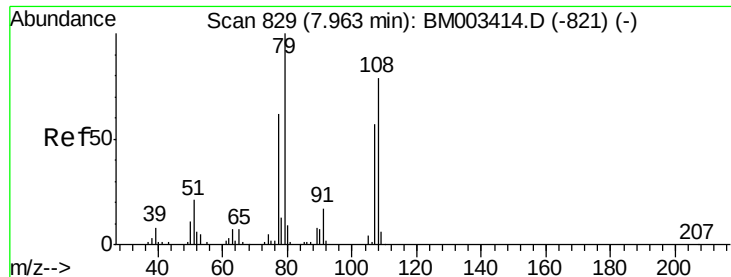
Tgt Ion:146 Resp: 127741
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.9 77.9
 111 41.1 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 37.40 ng
 RT: 8.05 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:146 Resp: 112563
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.3 78.5
 111 43.6 30.6 45.8

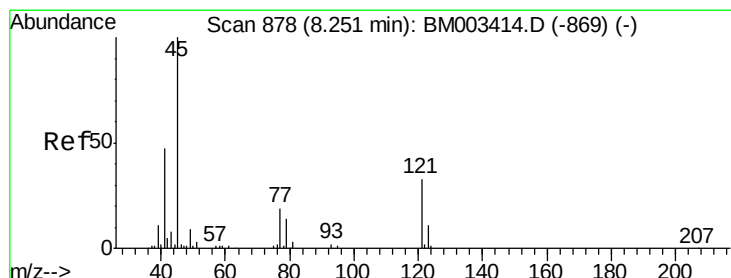
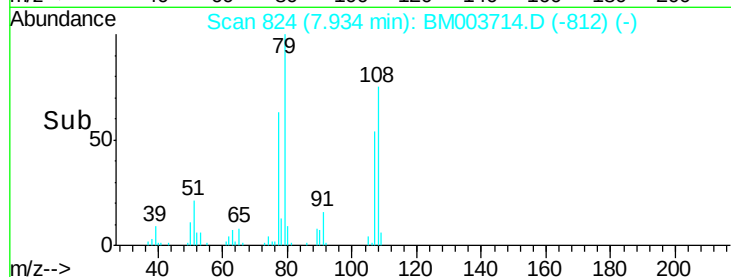
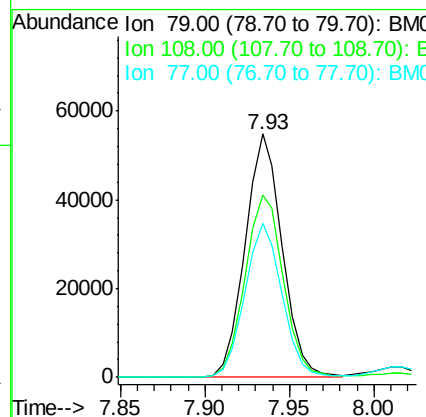
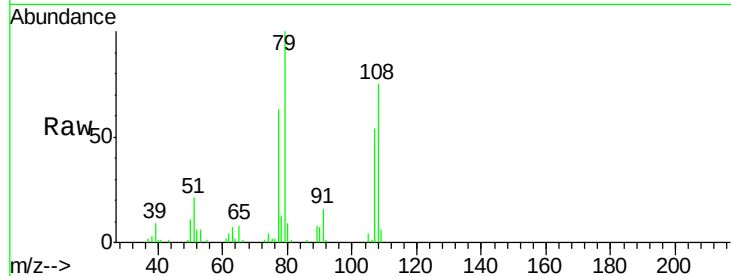




#15
Benzyl Alcohol
Concen: 39.71 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

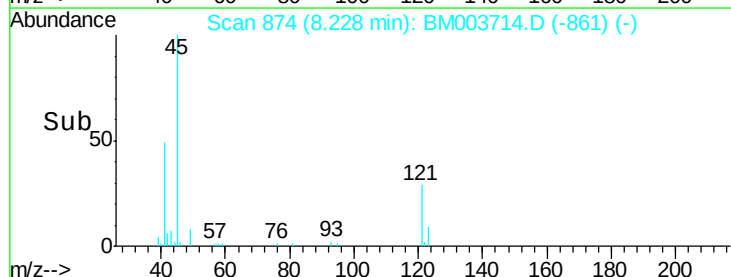
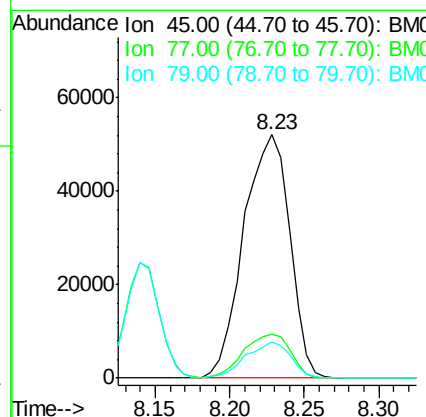
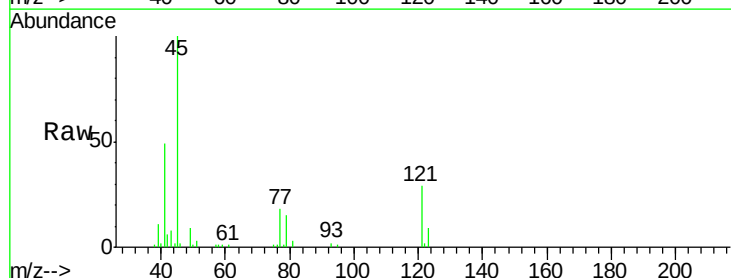
Instrument :
BNA_M
ClientSampleId :
PB87468BS

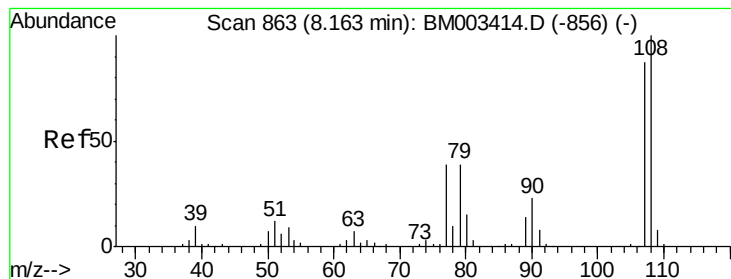
Tgt Ion: 79 Resp: 83848
Ion Ratio Lower Upper
79 100
108 74.7 65.0 97.4
77 63.4 53.0 79.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.79 ng
RT: 8.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion: 45 Resp: 111345
Ion Ratio Lower Upper
45 100
77 18.2 0.0 35.2
79 14.9 0.0 32.0





#17

2-Methylphenol

Concen: 37.55 ng

RT: 8.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

Tgt Ion:107 Resp: 85005

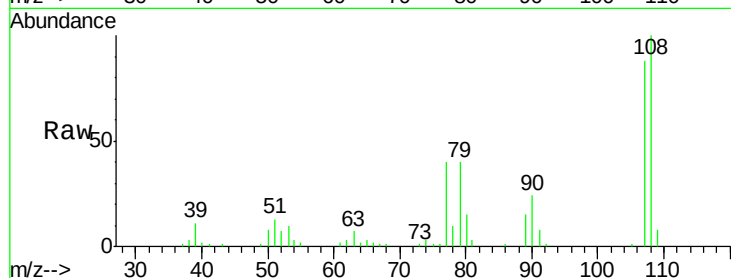
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.8

77 45.7 32.6 48.8

79 45.7 32.8 49.2

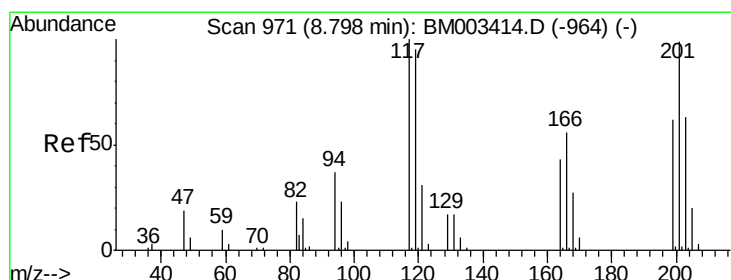
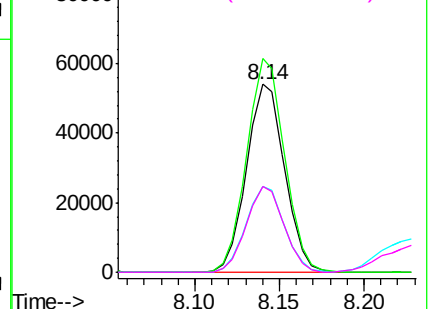
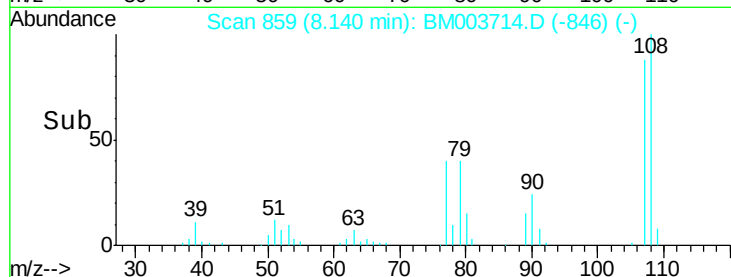


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.64 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

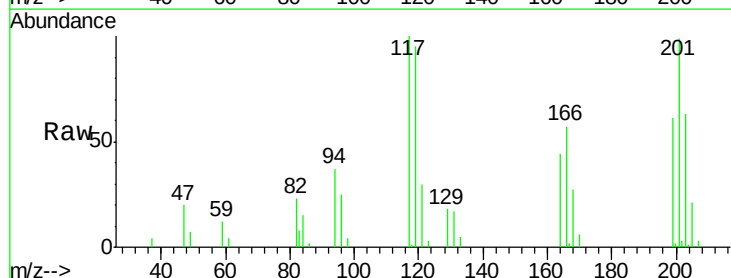
Tgt Ion:117 Resp: 41842

Ion Ratio Lower Upper

117 100

119 95.1 79.2 118.8

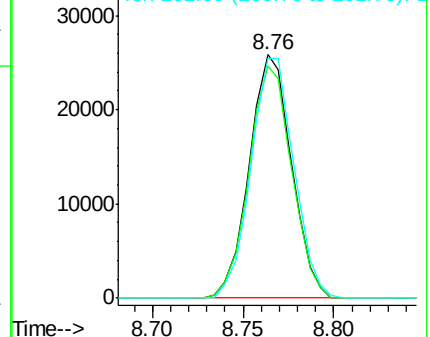
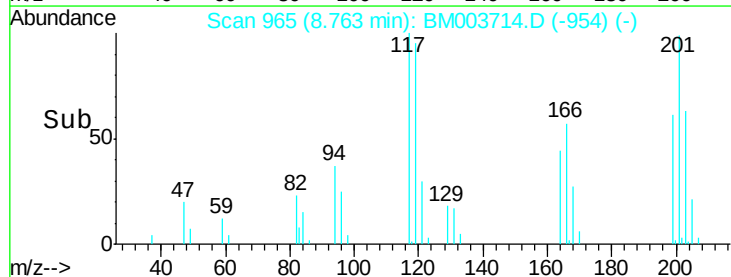
201 98.5 69.8 104.6

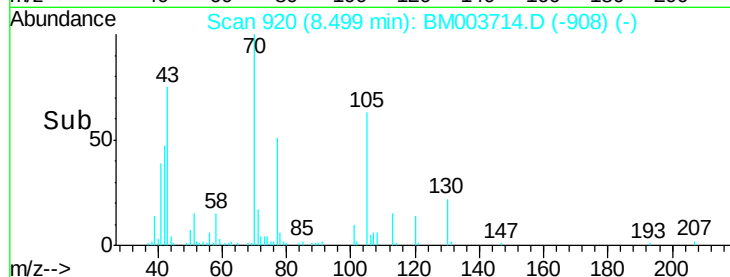
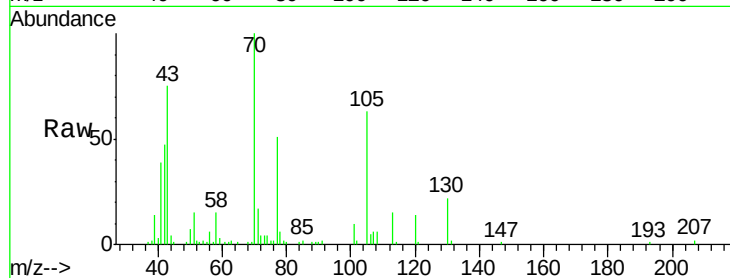
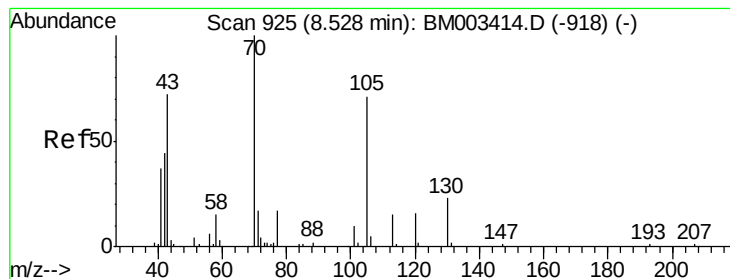


Abundance Ion 117.00 (116.70 to 117.70): E

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: 39.95 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

Tgt Ion: 70 Resp: 79967

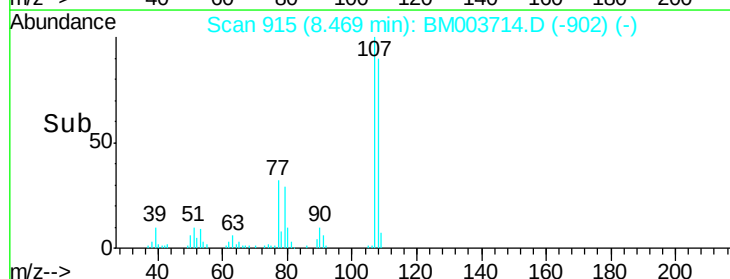
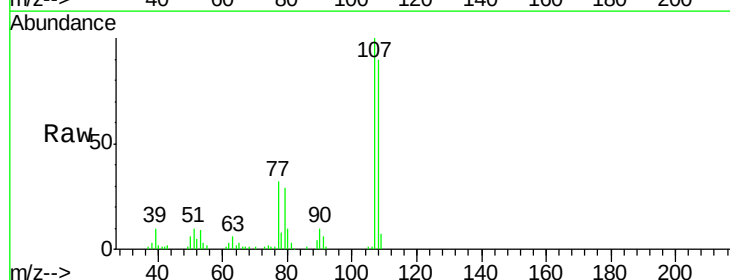
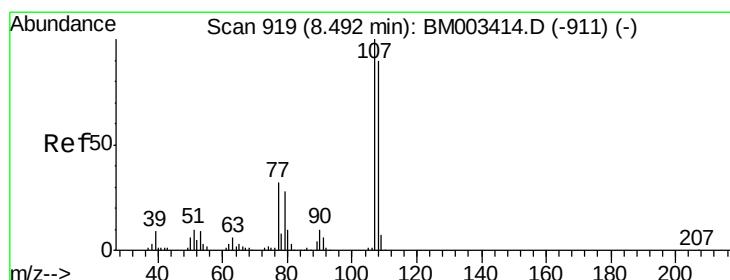
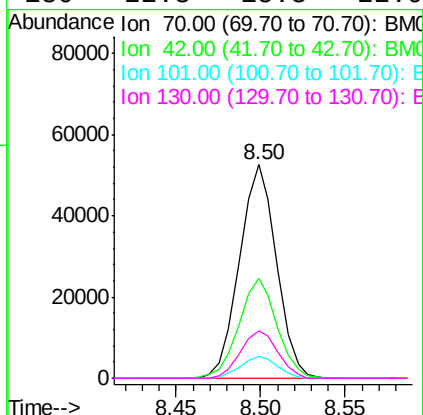
Ion Ratio Lower Upper

70 100

42 46.6 44.5 66.7

101 10.4 7.4 11.2

130 22.3 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.82 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Tgt Ion: 107 Resp: 127852

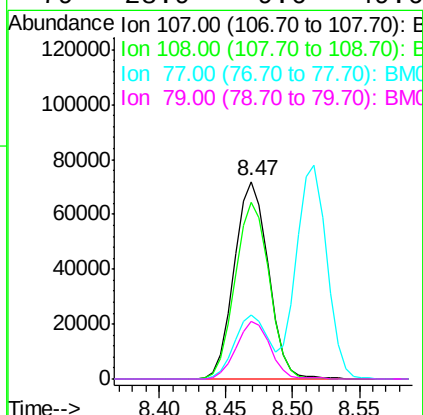
Ion Ratio Lower Upper

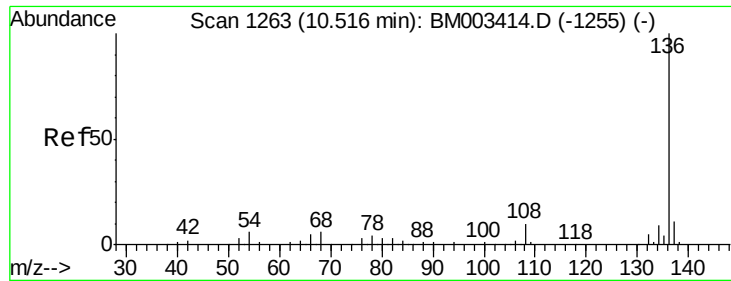
107 100

108 89.6 73.2 113.2

77 32.2 10.7 50.7

79 28.9 9.6 49.6

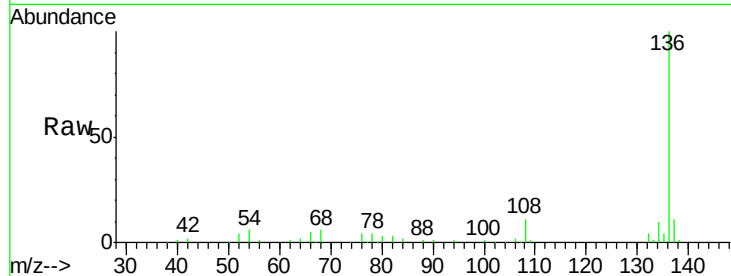




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Instrument :
BNA_M
ClientSampleId :
PB87468BS

Tgt Ion:	136	Resp:	167334
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.4	4.6	6.8
68	5.9	3.7	5.5#



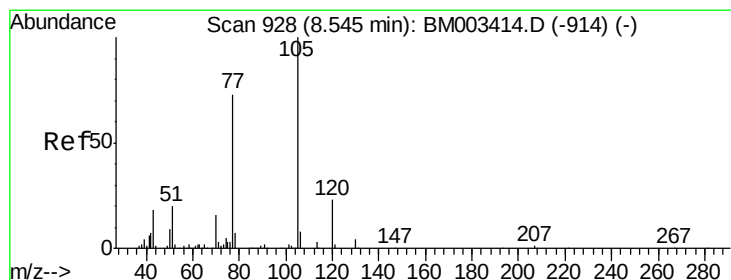
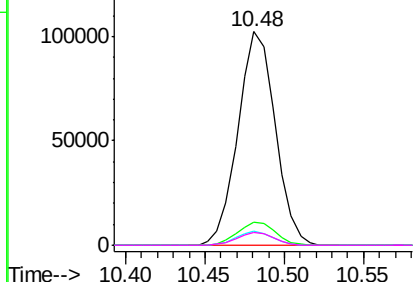
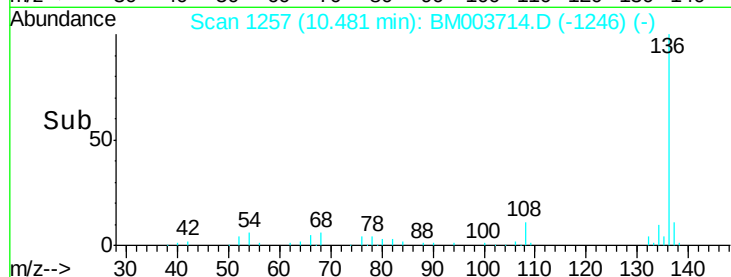
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

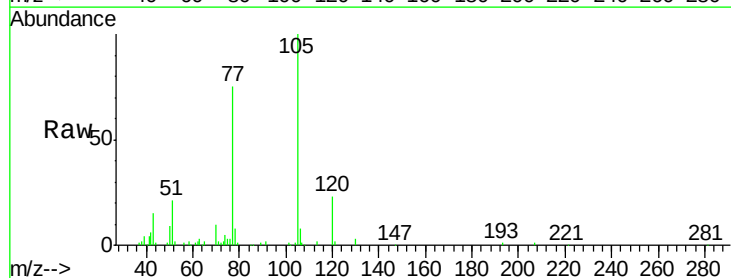
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 40.11 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:	105	Resp:	164504
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.6	1.0#
51	21.2	21.6	32.4#
120	22.8	16.1	24.1



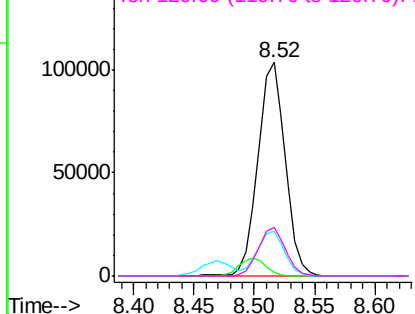
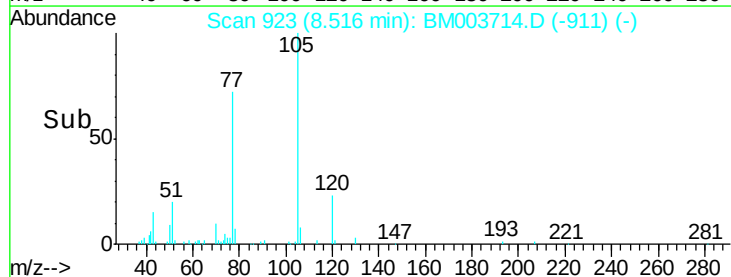
Abundance

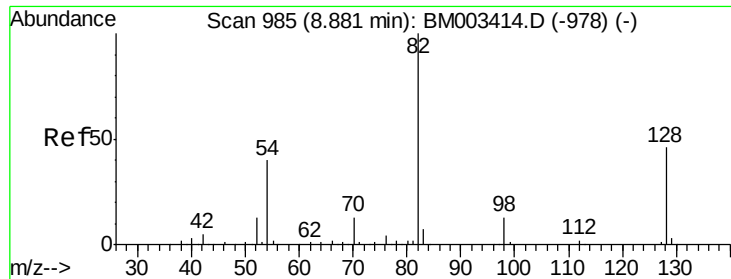
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

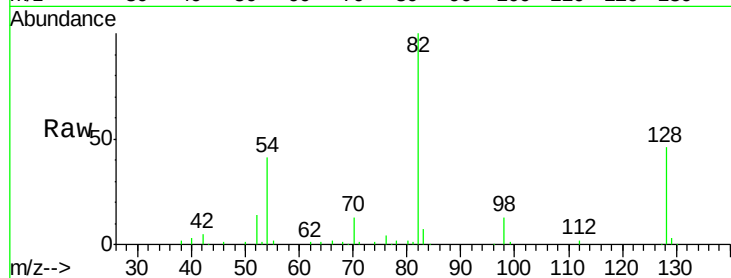




#23
 Nitrobenzene-d5
 Concen: 82.06 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

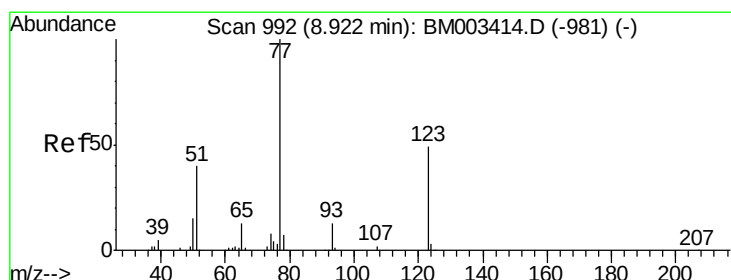
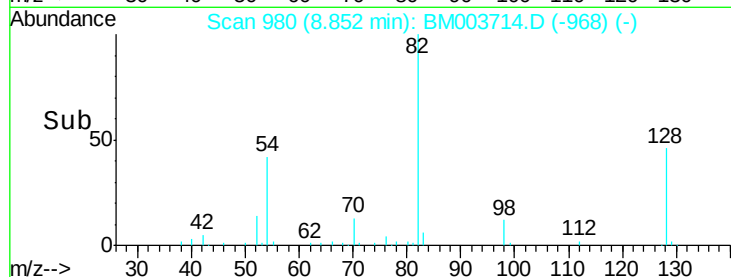
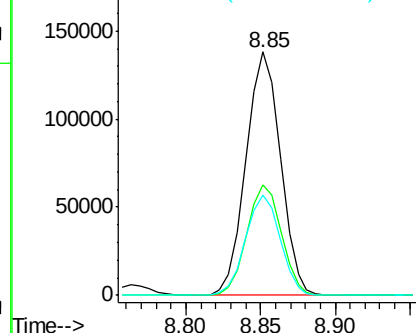
Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	32.8	49.2
54	41.1	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003714.D (-968) (-)

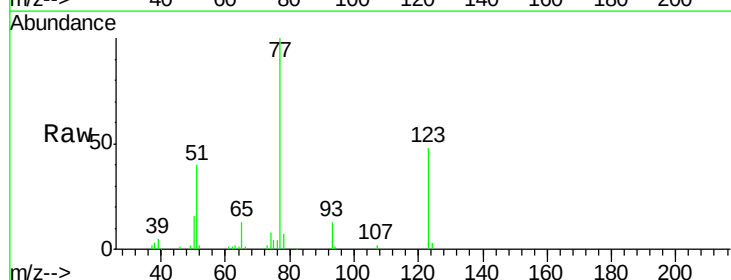
Ion 128.00 (127.70 to 128.70): BM003714.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003714.D (-968) (-)



#24
 Nitrobenzene
 Concen: 37.40 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

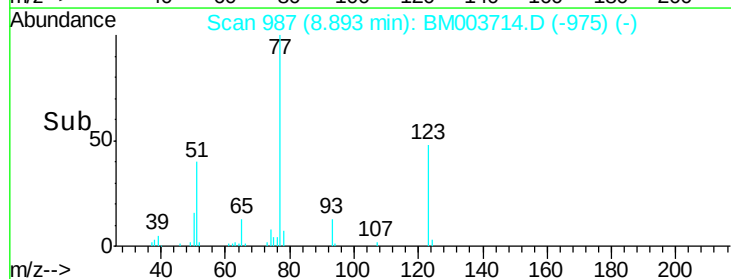
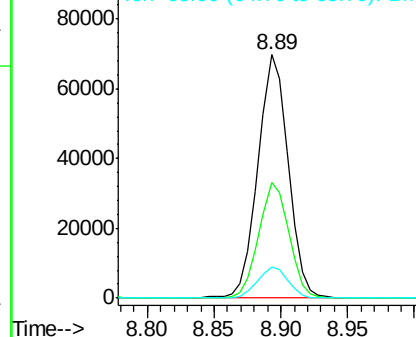
Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.5	32.6	49.0
65	12.9	10.9	16.3

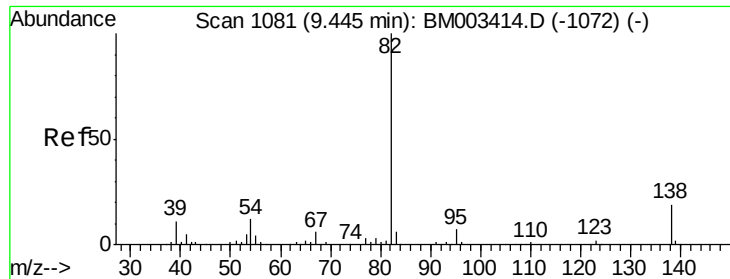


Abundance Ion 77.00 (76.70 to 77.70): BM003714.D (-975) (-)

Ion 123.00 (122.70 to 123.70): BM003714.D (-975) (-)

Ion 65.00 (64.70 to 65.70): BM003714.D (-975) (-)





#25

Isophorone

Concen: 40.87 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

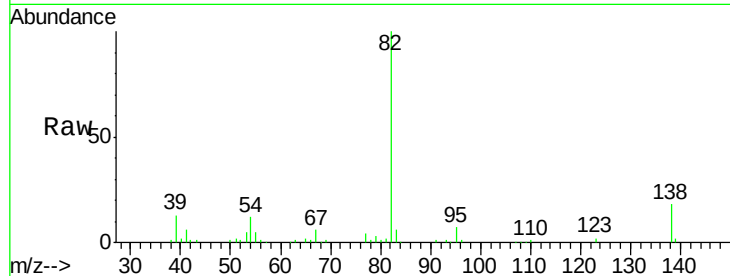
Tgt Ion: 82 Resp: 223112

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

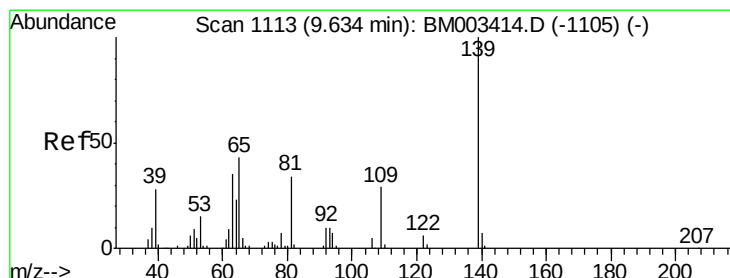
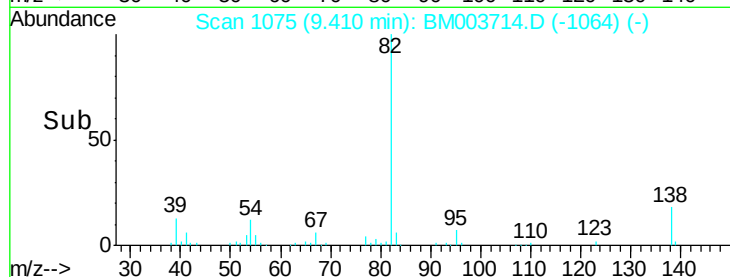
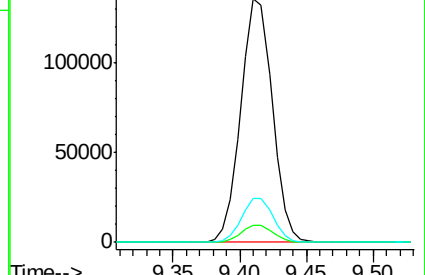
138 18.3 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM003414.D (-1072) (-)



#26

2-Nitrophenol

Concen: 41.73 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

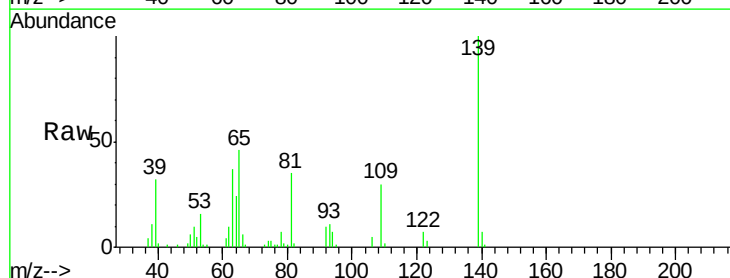
Tgt Ion: 139 Resp: 61582

Ion Ratio Lower Upper

139 100

109 30.2 20.1 30.1#

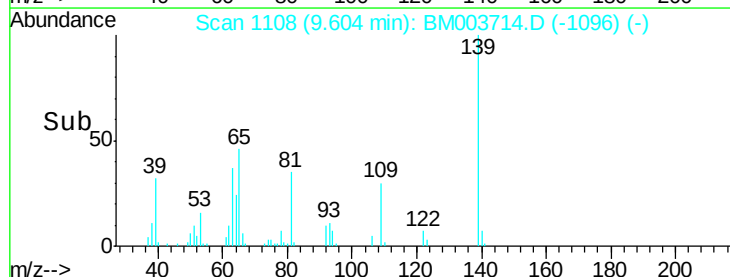
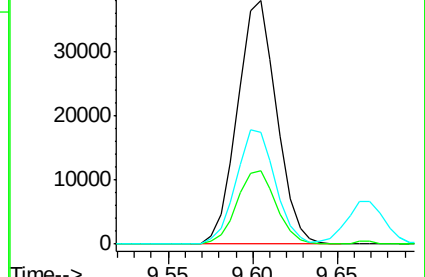
65 45.7 31.5 47.3

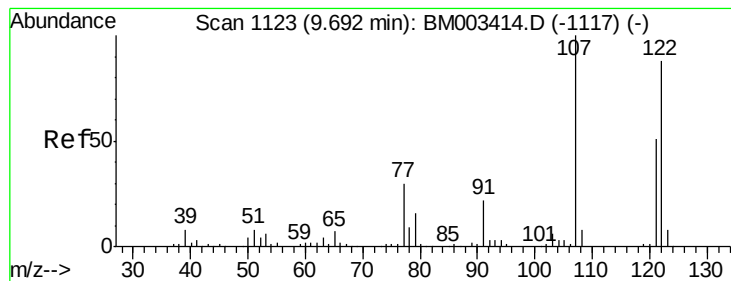


Abundance Ion 139.00 (138.70 to 139.70): BM003414.D (-1105) (-)

Ion 109.00 (108.70 to 109.70): BM003414.D (-1105) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-1105) (-)





#27

2,4-Dimethylphenol

Concen: 43.46 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

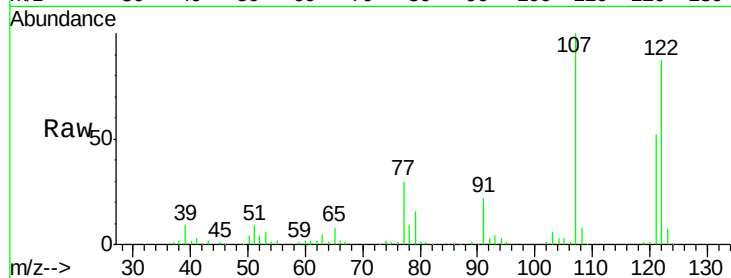
Tgt Ion:122 Resp: 111683

Ion Ratio Lower Upper

122 100

107 115.0 84.7 127.1

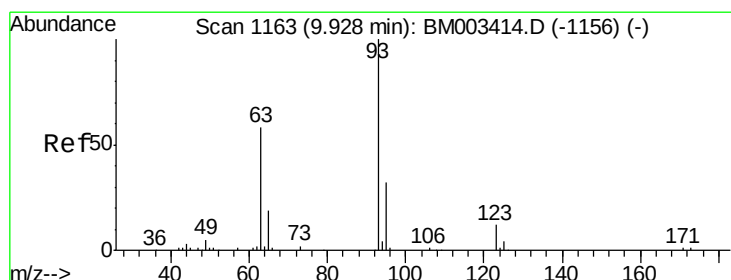
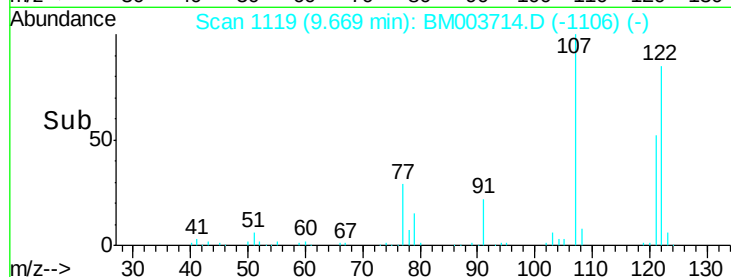
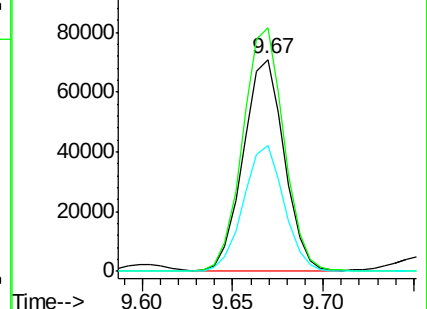
121 59.5 46.6 69.8



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: 42.98 ng

RT: 9.90 min Scan# 1158

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

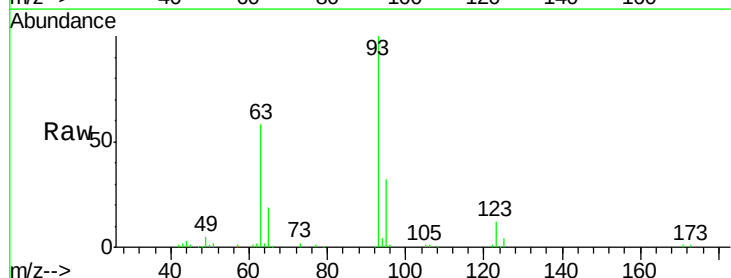
Tgt Ion: 93 Resp: 140965

Ion Ratio Lower Upper

93 100

95 32.2 25.5 38.3

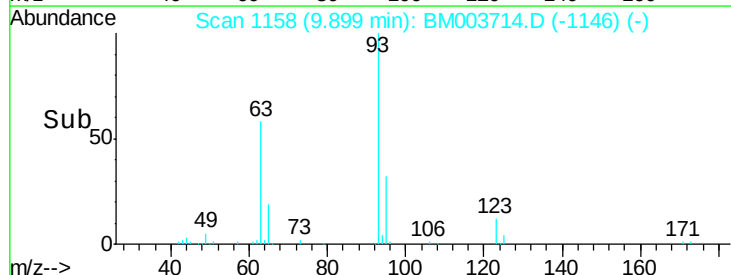
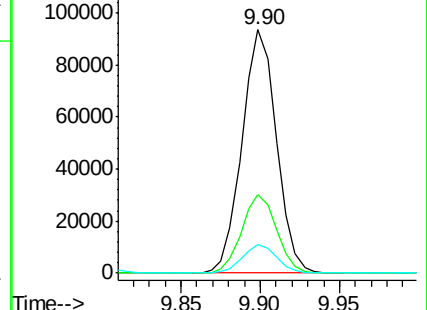
123 11.6 8.6 13.0

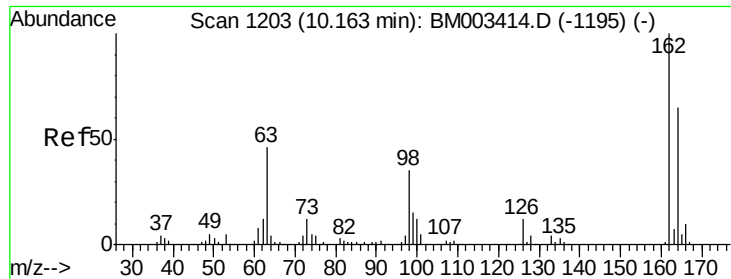


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

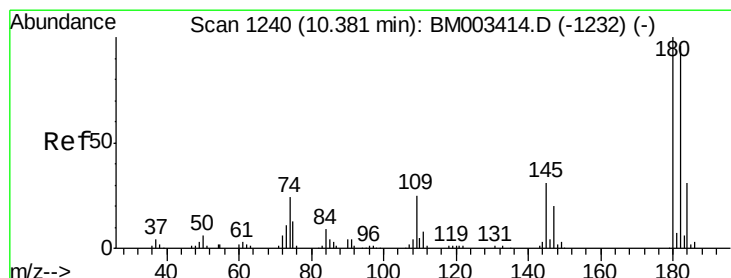
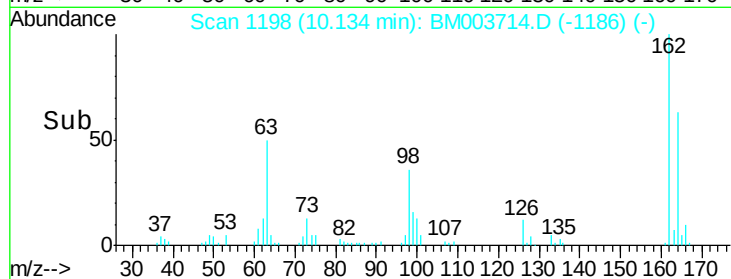
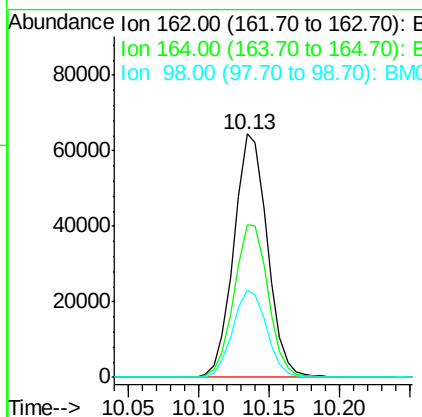
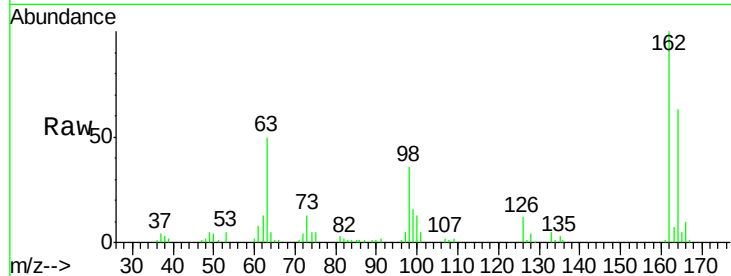




#29
 2,4-Dichlorophenol
 Concen: 43.73 ng
 RT: 10.13 min Scan# 1198
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

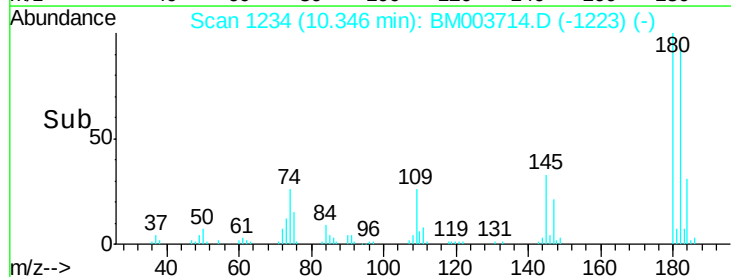
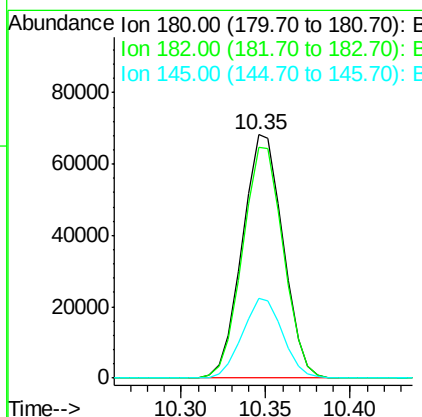
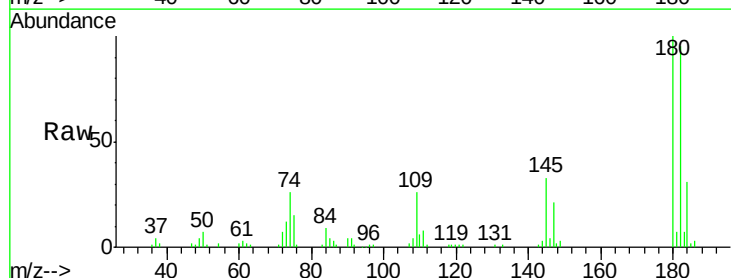
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

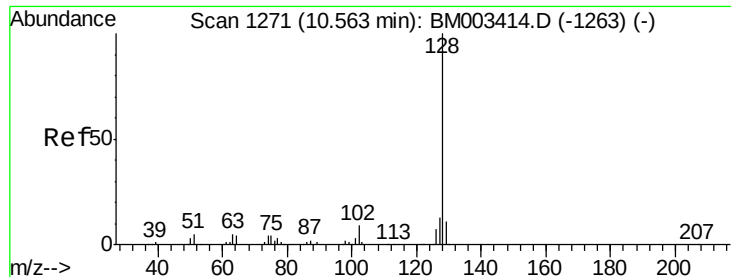
Tgt Ion:162 Resp: 107044
 Ion Ratio Lower Upper
 162 100
 164 62.5 42.8 82.8
 98 35.7 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.85 ng
 RT: 10.35 min Scan# 1234
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:180 Resp: 114389
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.6 116.4
 145 32.9 23.4 35.2

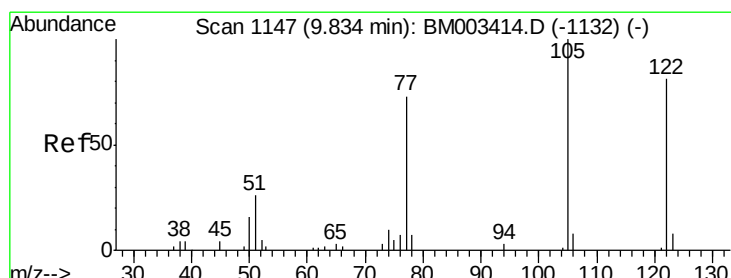
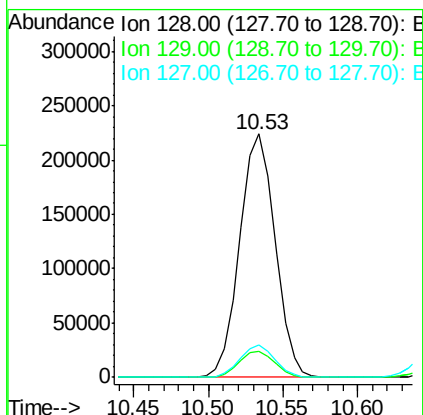
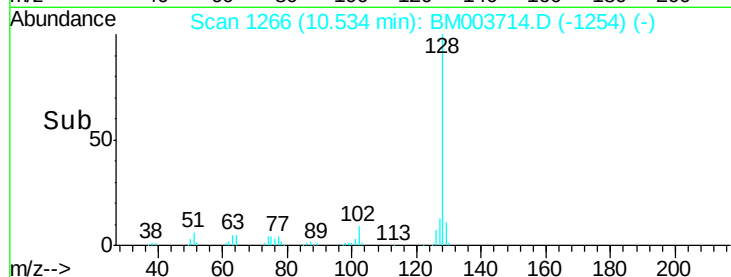
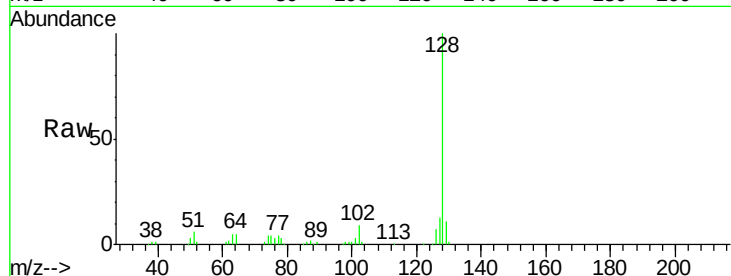




#31
Naphthalene
Concen: 42.17 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

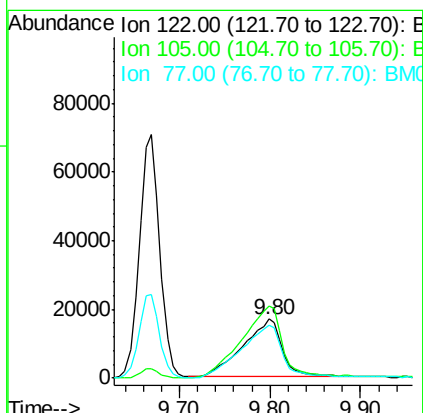
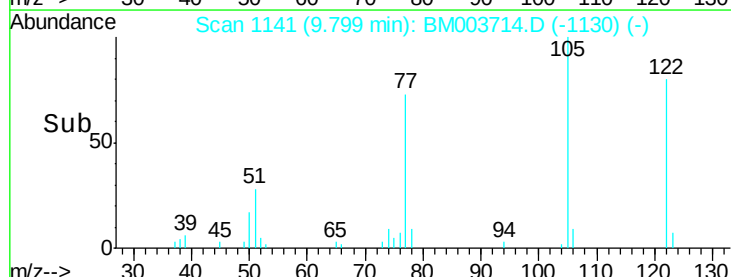
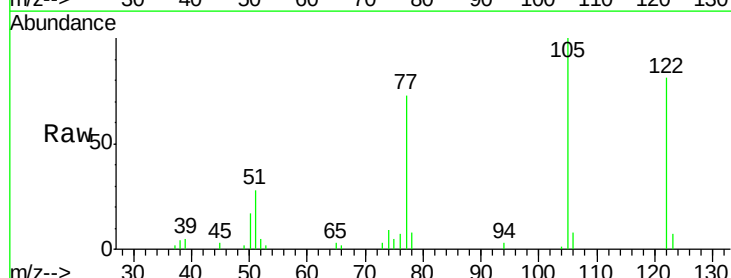
Instrument :
BNA_M
ClientSampleId :
PB87468BS

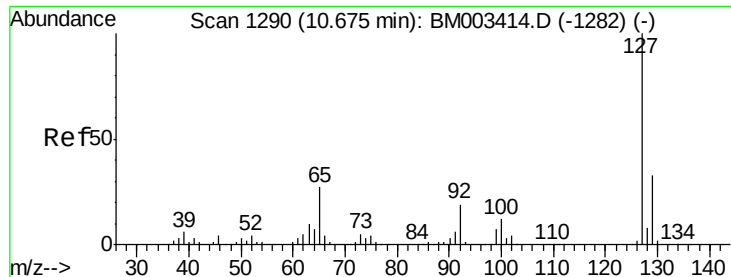
Tgt Ion:	128	Resp:	369212
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.1	10.4	15.6



#32
Benzoic acid
Concen: 35.20 ng
RT: 9.80 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:	122	Resp:	51001
Ion	Ratio	Lower	Upper
122	100		
105	123.6	99.9	139.9
77	90.6	73.7	113.7

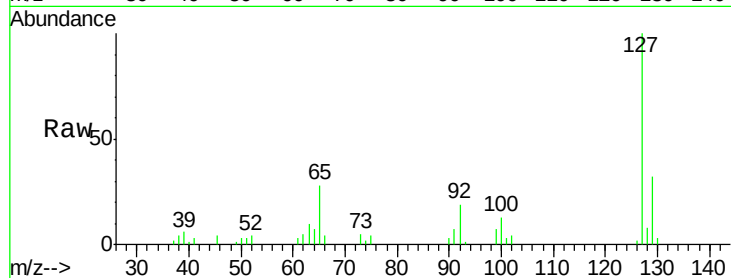




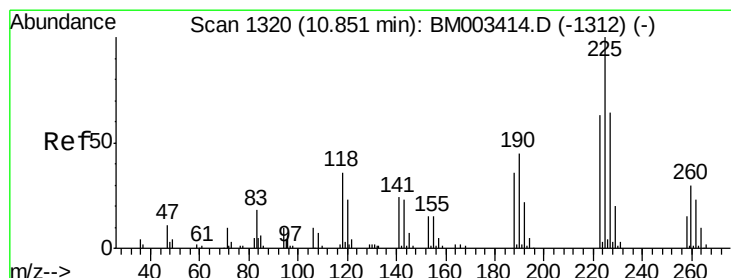
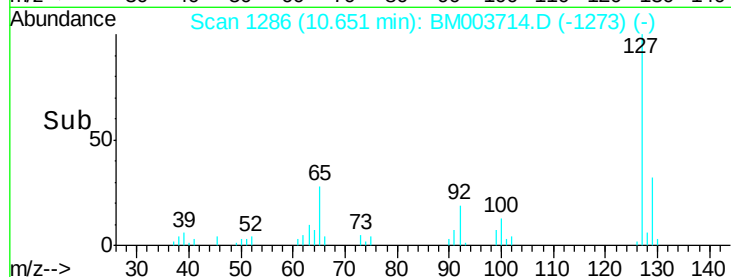
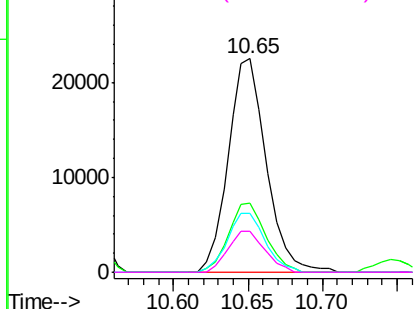
#33
4-Chloroaniline
Concen: 11.05 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Instrument :
BNA_M
ClientSampleId :
PB87468BS

Tgt Ion:	127	Resp:	39939
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	27.8	17.6	26.4
92	19.1	13.1	19.7

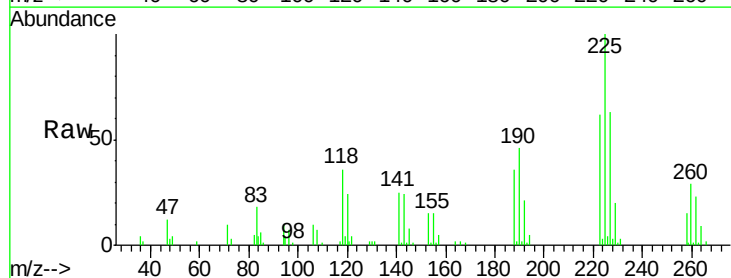


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

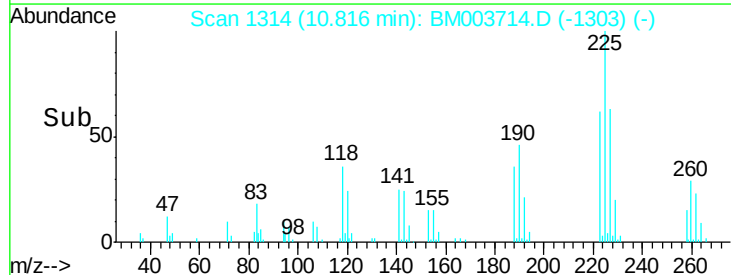
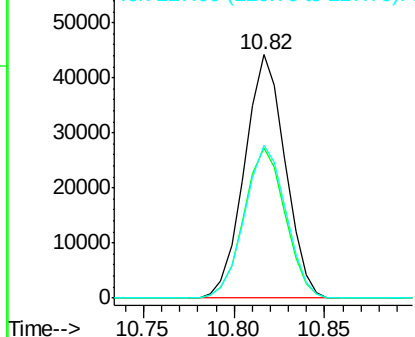


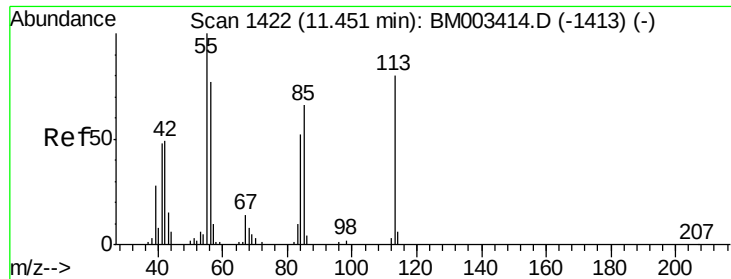
#34
Hexachlorobutadiene
Concen: 42.45 ng
RT: 10.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:	225	Resp:	68802
Ion	Ratio	Lower	Upper
225	100		
223	61.8	47.9	71.9
227	62.8	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: 36.85 ng

RT: 11.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

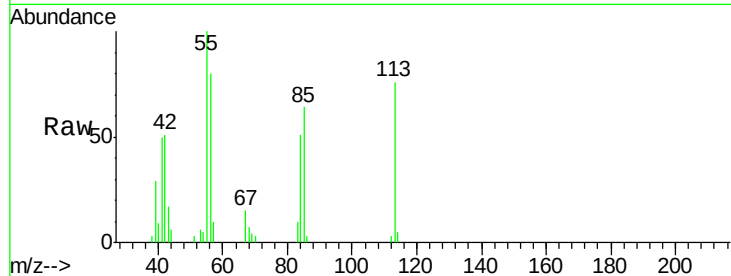
Tgt Ion:113 Resp: 29824

Ion Ratio Lower Upper

113 100

55 130.8 145.9 185.9#

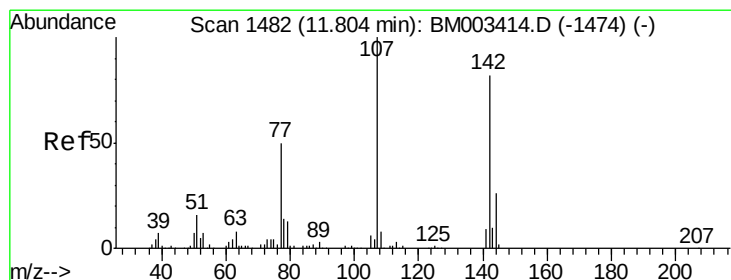
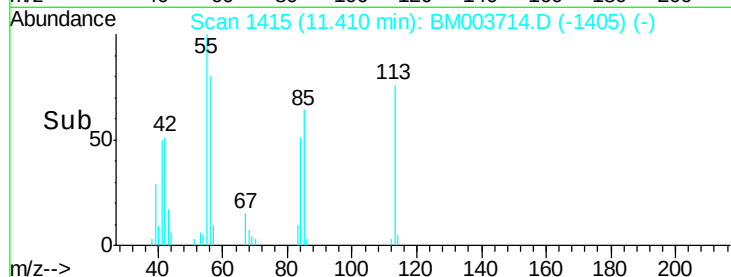
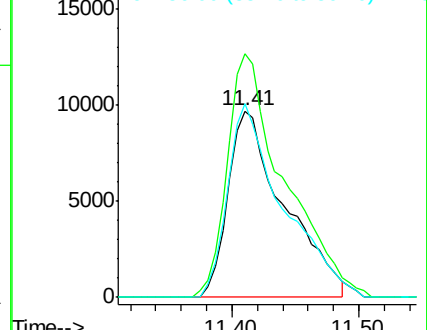
56 104.1 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 39.45 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

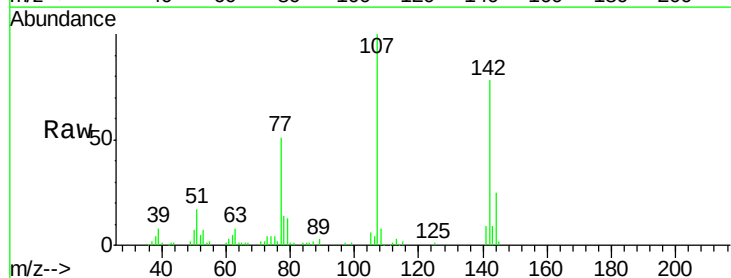
Tgt Ion:107 Resp: 108888

Ion Ratio Lower Upper

107 100

144 25.4 23.3 34.9

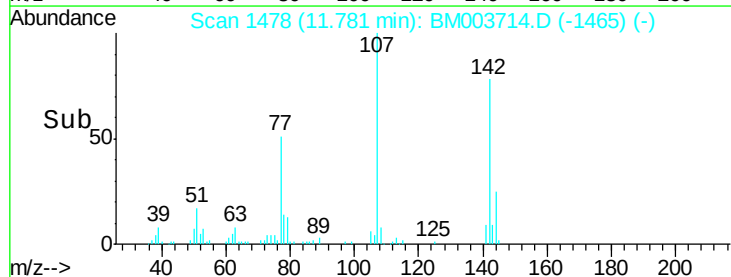
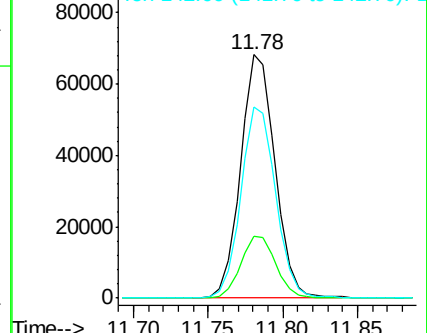
142 78.4 72.6 109.0

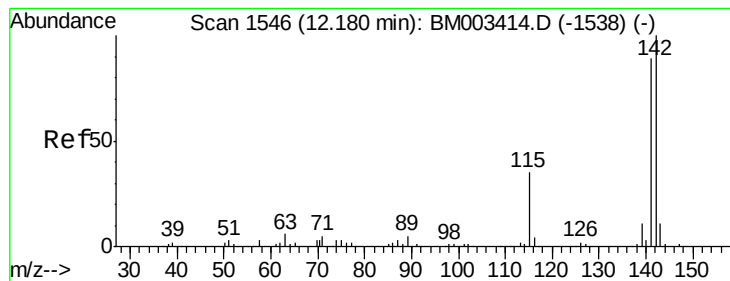


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.95 ng

RT: 12.15 min Scan# 1541

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

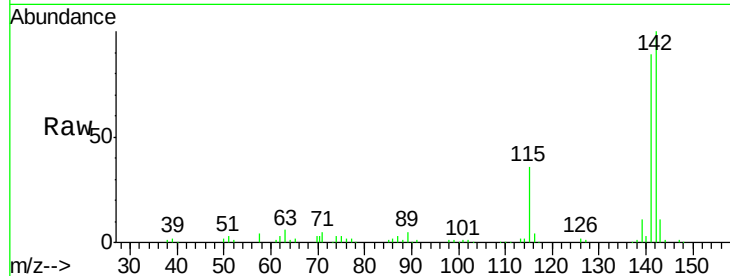
Tgt Ion:142 Resp: 251949

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

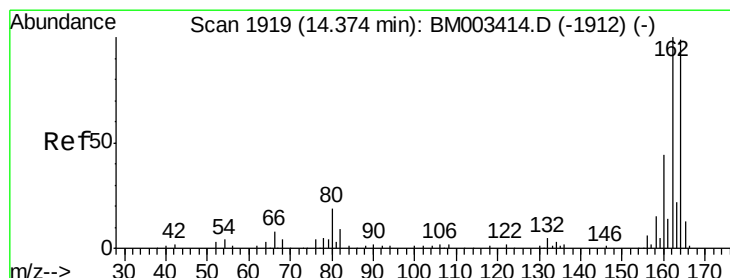
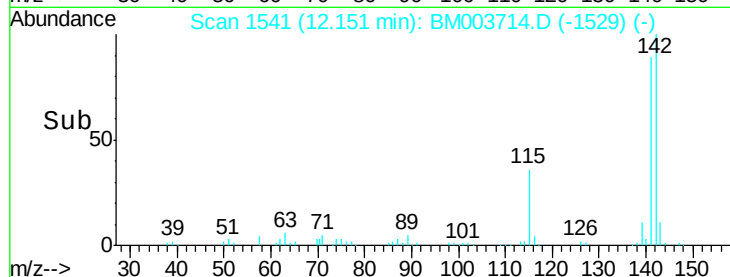
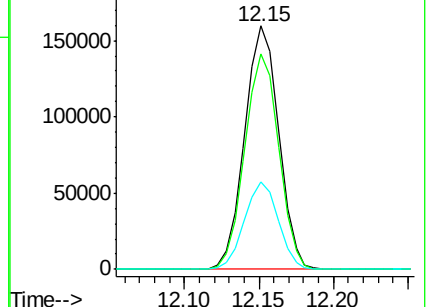
115 35.9 25.4 38.0



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: 14.35 min Scan# 1914

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

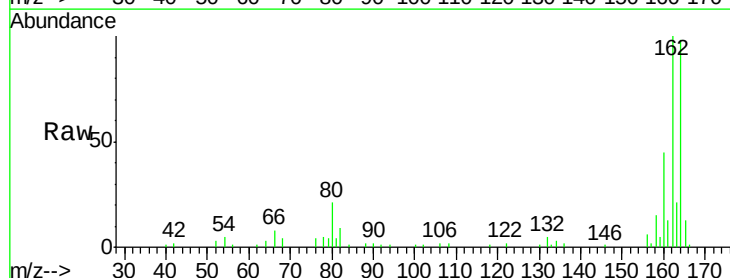
Tgt Ion:164 Resp: 78620

Ion Ratio Lower Upper

164 100

162 102.2 82.4 123.6

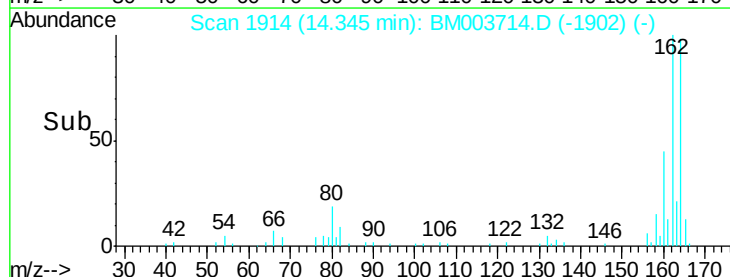
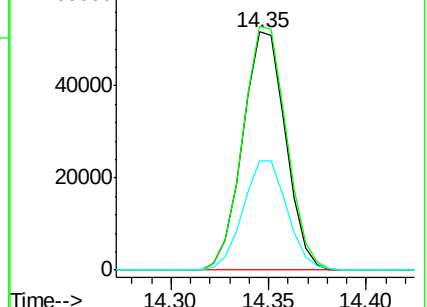
160 45.8 35.8 53.6

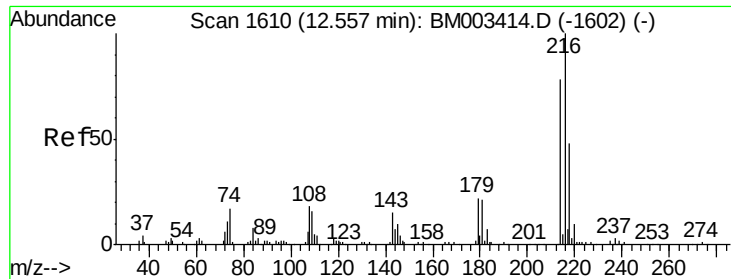


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

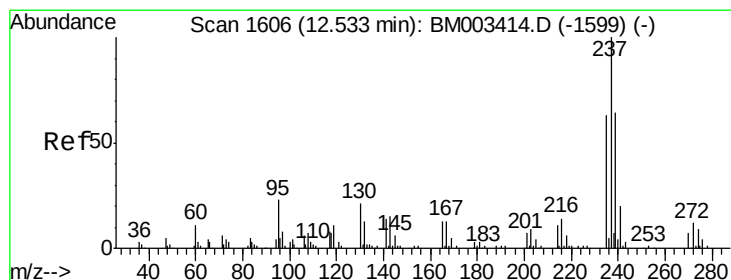
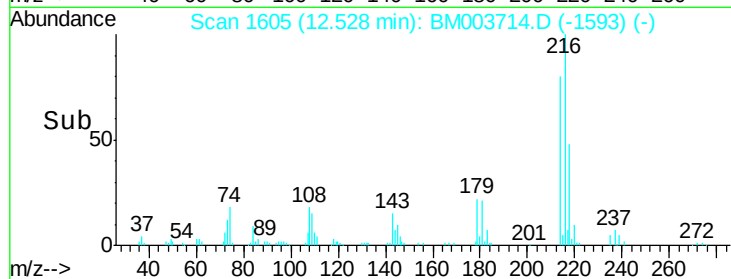
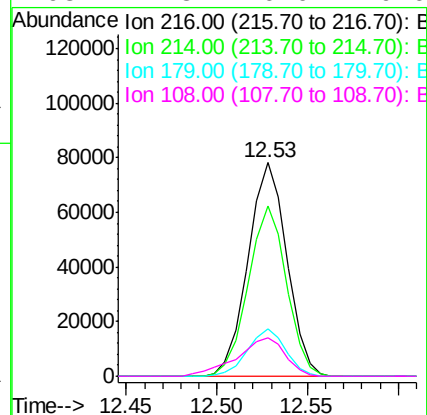
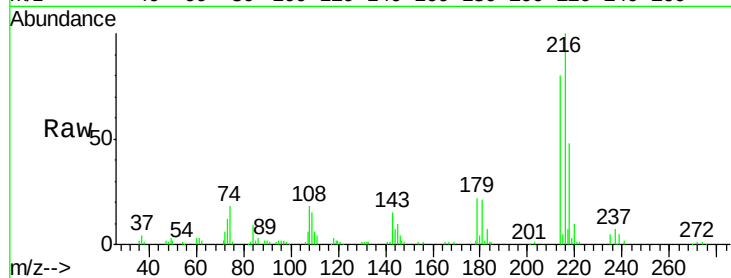




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.11 ng
 RT: 12.53 min Scan# 1605
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

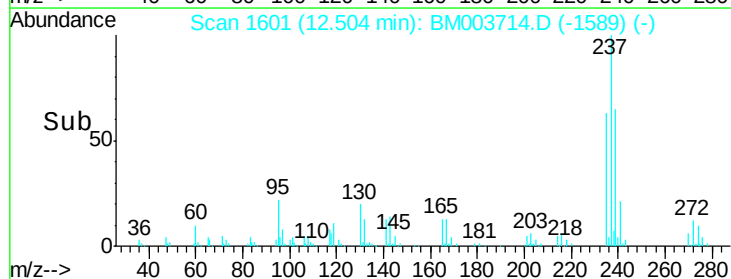
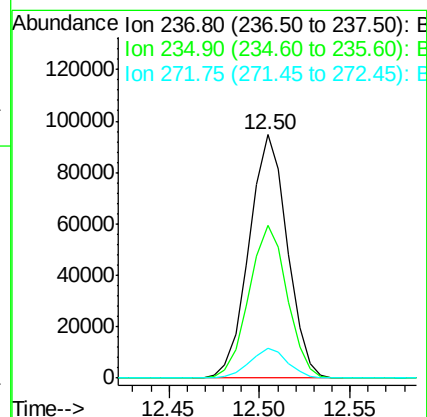
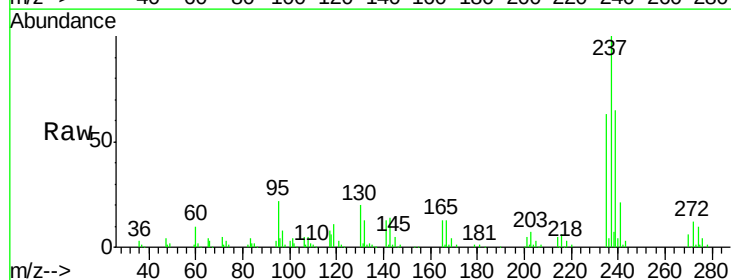
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

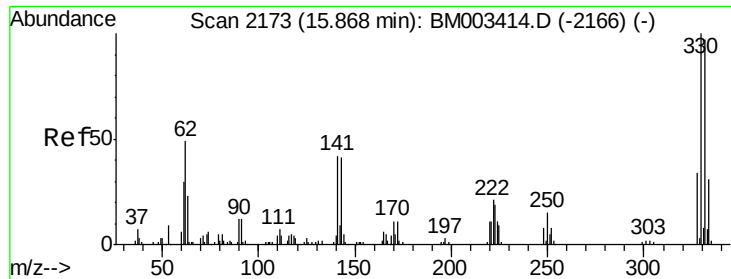
Tgt Ion:	216	Resp:	116550
Ion	Ratio	Lower	Upper
216	100		
214	78.5	0.0	0.0#
179	21.7	0.0	0.0#
108	22.3	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 98.23 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:	237	Resp:	138481
Ion	Ratio	Lower	Upper
237	100		
235	62.9	42.0	82.0
272	12.0	0.0	33.4

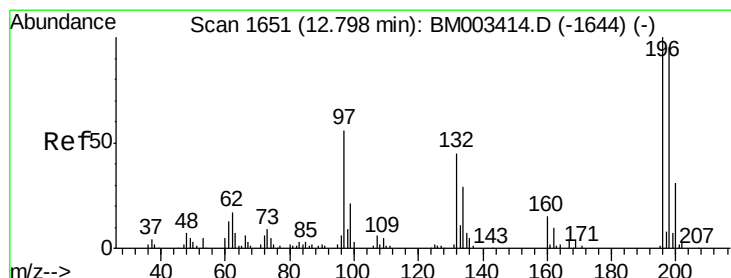
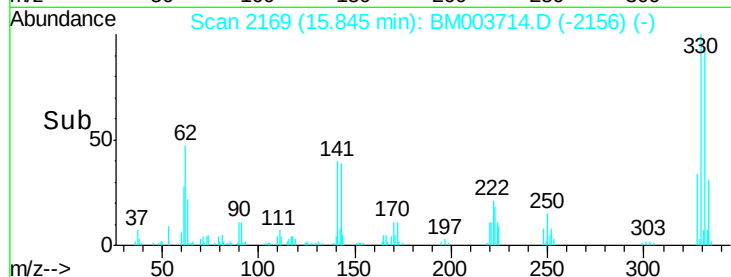
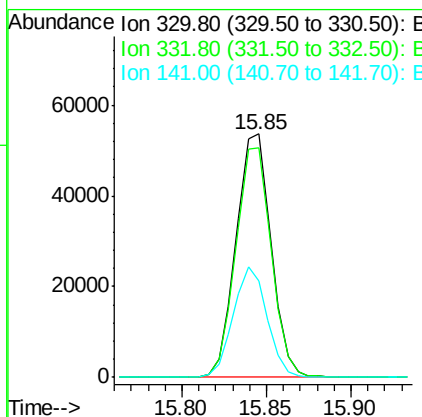
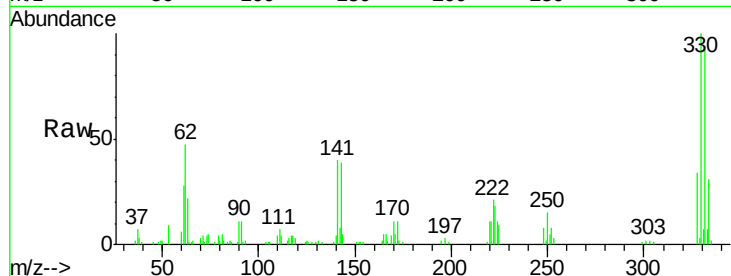




#41
 2,4,6-Tribromophenol
 Concen: 98.84 ng
 RT: 15.85 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

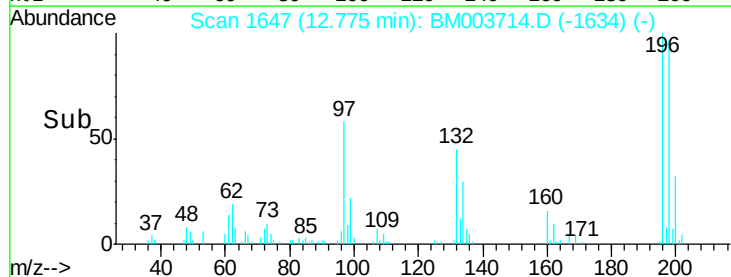
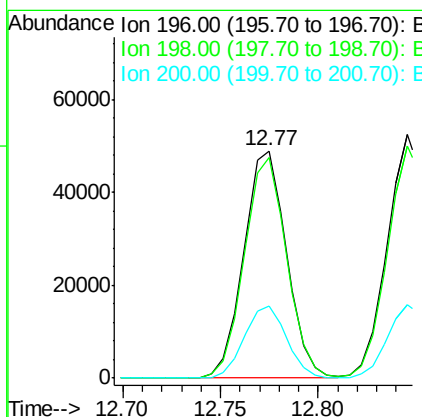
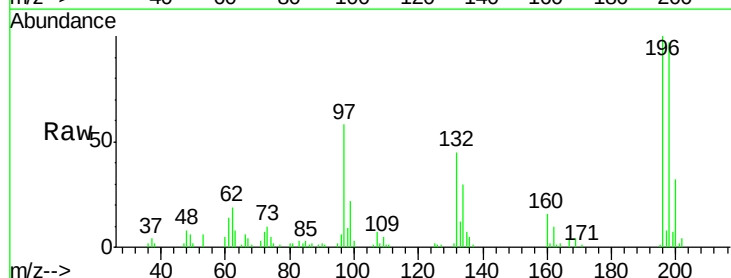
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

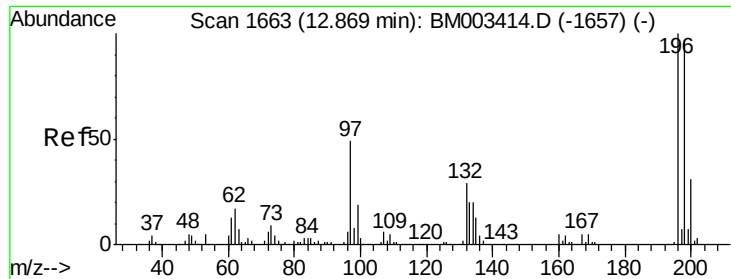
Tgt Ion:330 Resp: 77609
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 43.6 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 45.05 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:196 Resp: 74270
 Ion Ratio Lower Upper
 196 100
 198 97.0 76.3 114.5
 200 31.9 25.6 38.4

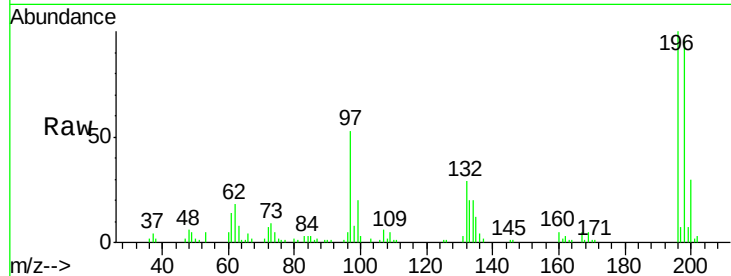




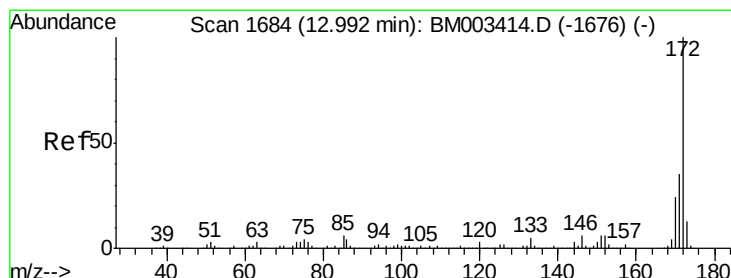
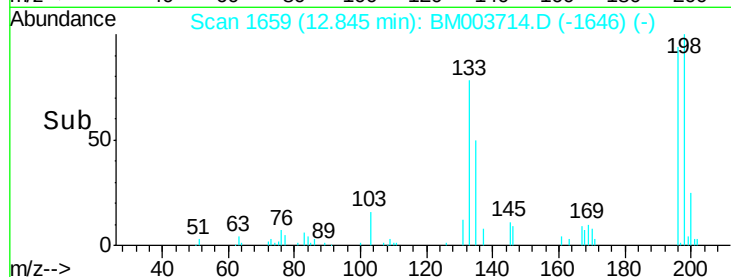
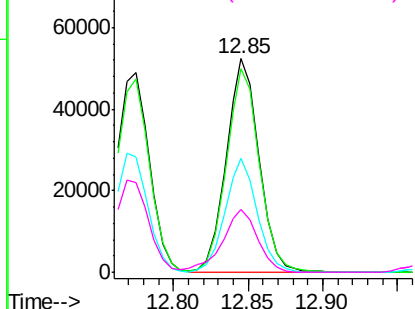
#43
 2,4,5-Trichlorophenol
 Concen: 46.50 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.5	79.4	119.0
97	53.1	26.8	40.2
132	29.2	18.6	28.0

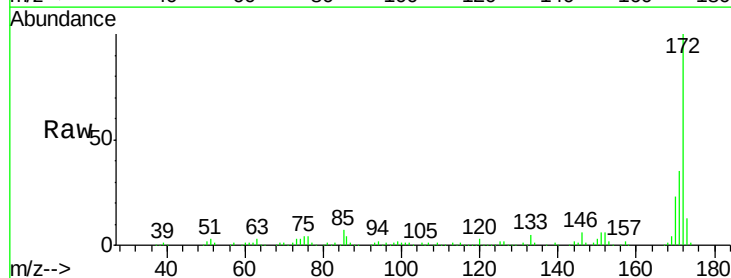


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

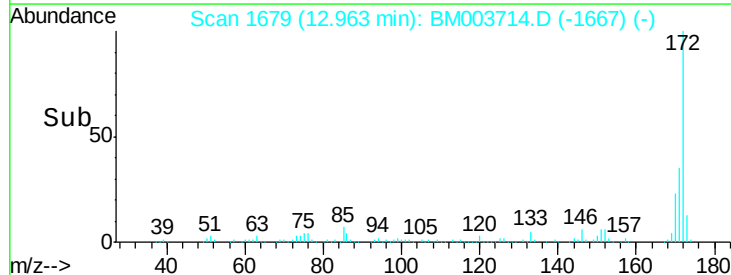
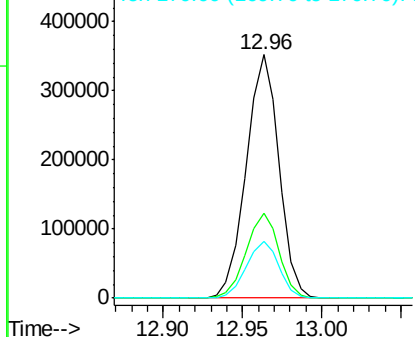


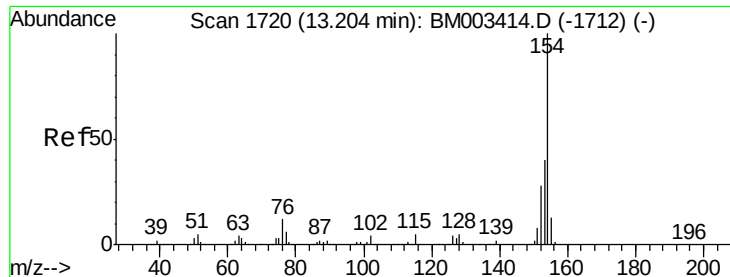
#44
 2-Fluorobiphenyl
 Concen: 87.37 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.5	42.7
170	23.5	18.8	28.2



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

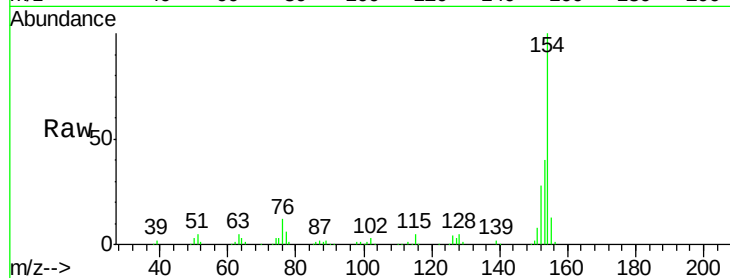




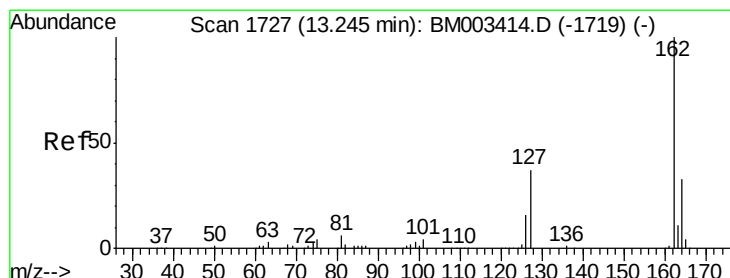
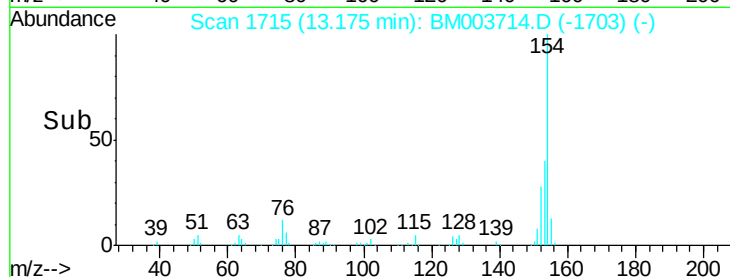
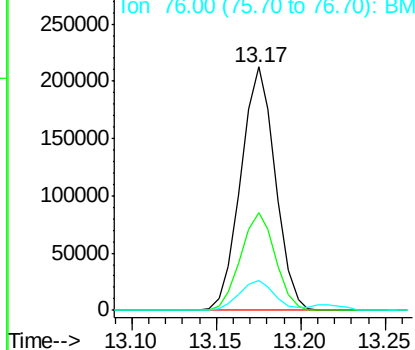
#45
1,1'-Biphenyl
Concen: 43.36 ng
RT: 13.17 min Scan# 1715
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Instrument :
BNA_M
ClientSampled :
PB87468BS

Tgt Ion:154 Resp: 302331
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 12.2 0.0 30.9

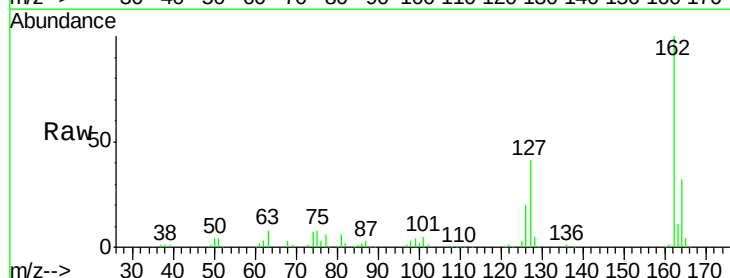


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BMC

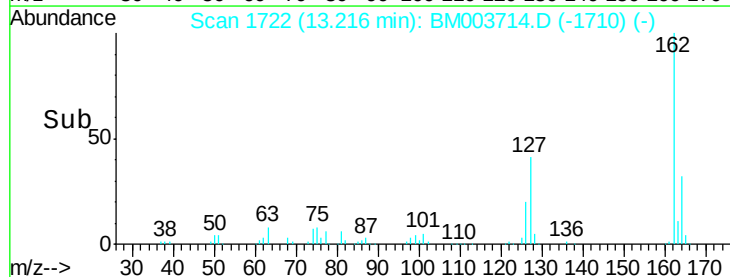
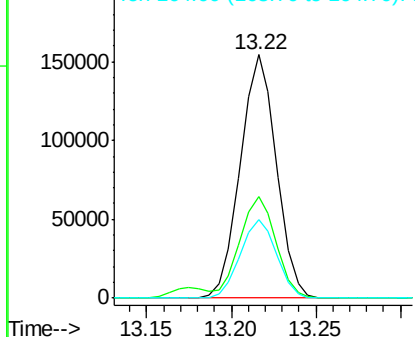


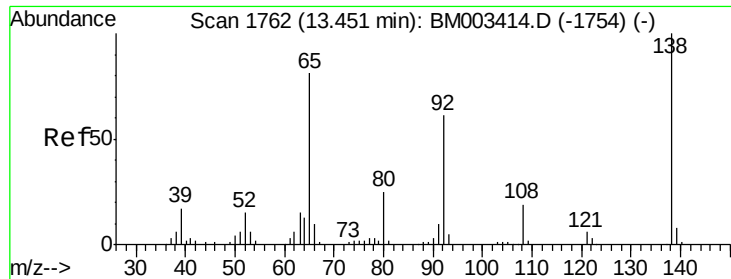
#46
2-Chloronaphthalene
Concen: 44.80 ng
RT: 13.22 min Scan# 1722
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:162 Resp: 229399
Ion Ratio Lower Upper
162 100
127 41.5 26.9 40.3#
164 32.4 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

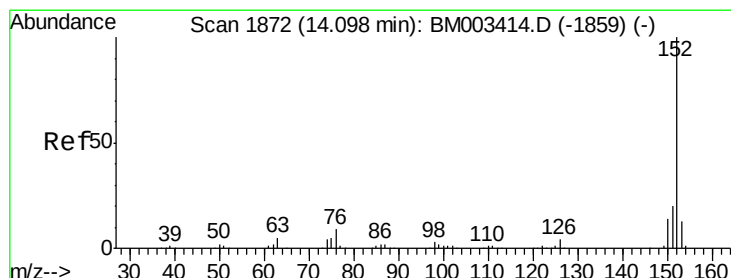
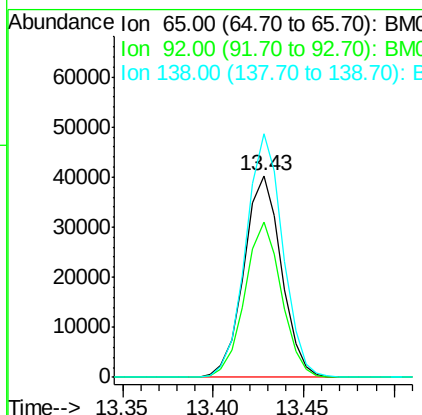
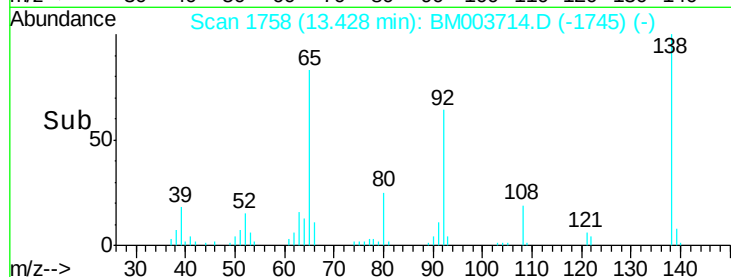
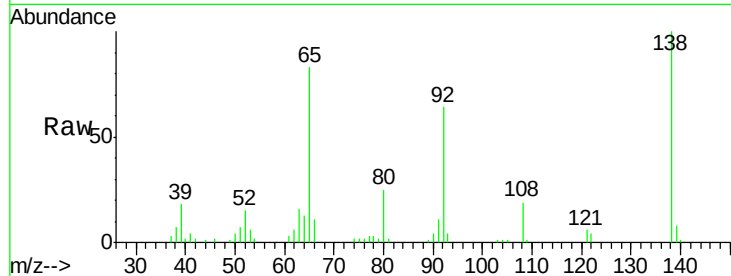




#47
2-Nitroaniline
Concen: 45.66 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

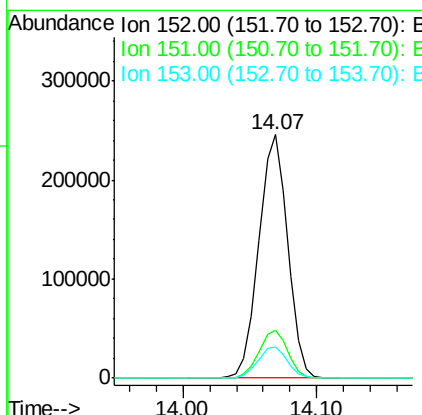
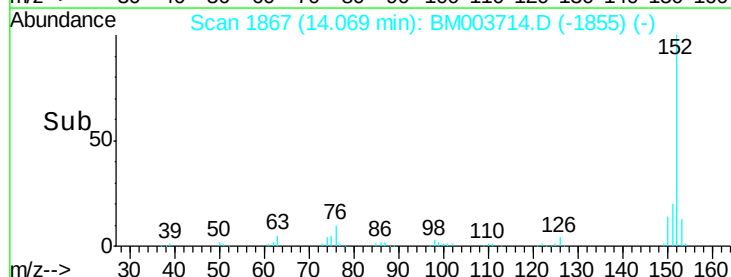
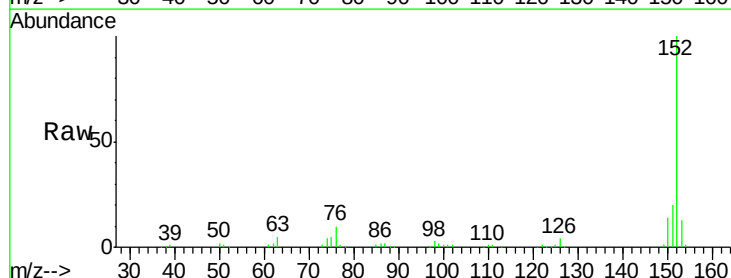
Instrument :
BNA_M
ClientSampleId :
PB87468BS

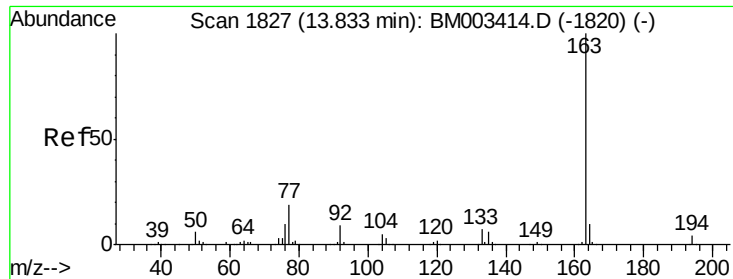
Tgt Ion: 65 Resp: 58001
Ion Ratio Lower Upper
65 100
92 76.7 59.1 88.7
138 120.7 93.9 140.9



#48
Acenaphthylene
Concen: 42.86 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion: 152 Resp: 365903
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 41.70 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

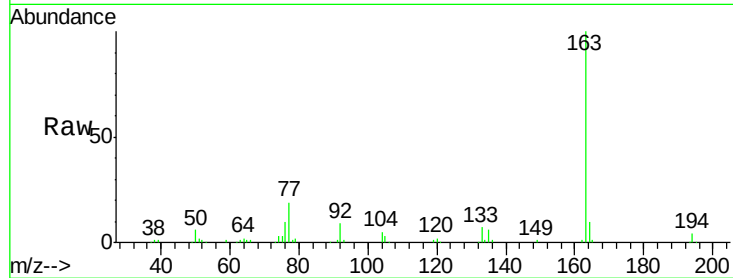
Tgt Ion:163 Resp: 270178

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

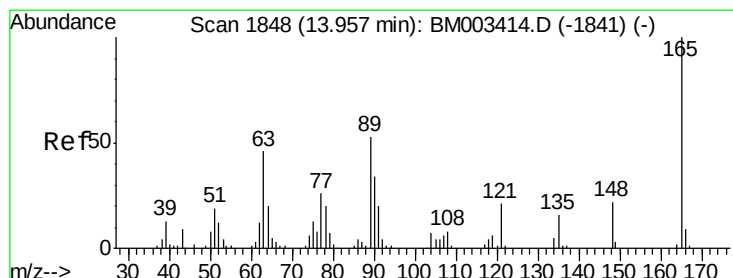
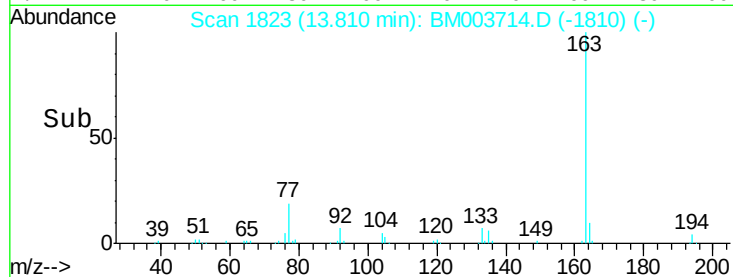
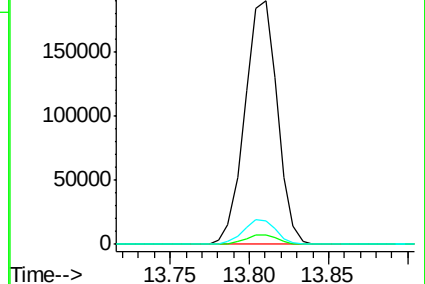
164 9.8 8.2 12.2



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: 42.90 ng

RT: 13.93 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

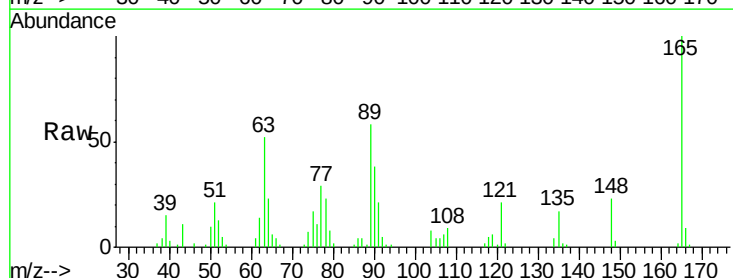
Tgt Ion:165 Resp: 57985

Ion Ratio Lower Upper

165 100

63 51.6 44.1 66.1

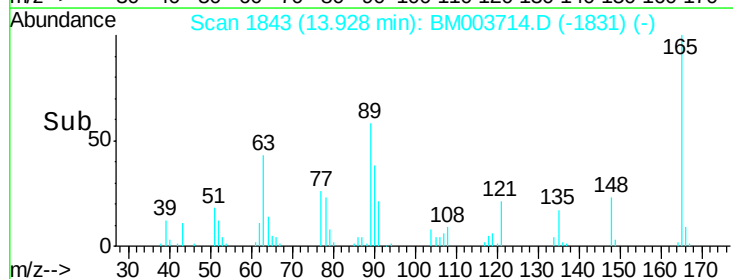
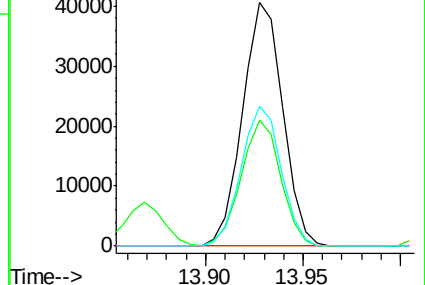
89 57.6 44.3 66.5

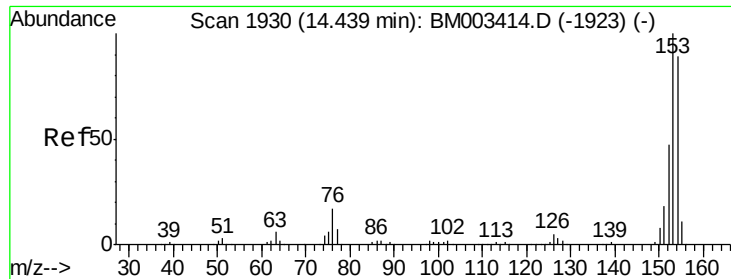


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 42.09 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

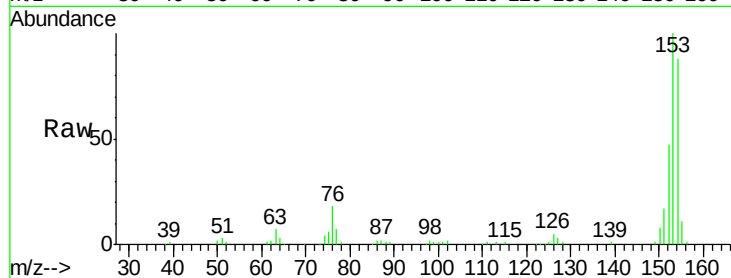
Tgt Ion:154 Resp: 208223

Ion Ratio Lower Upper

154 100

153 113.9 90.0 135.0

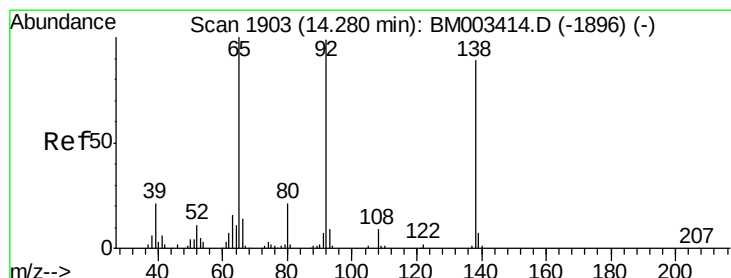
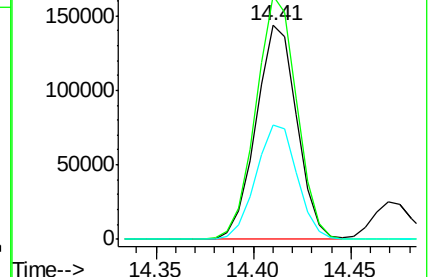
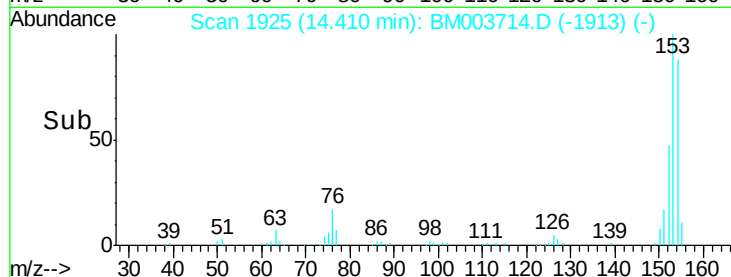
152 53.3 42.6 63.8



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: 18.96 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

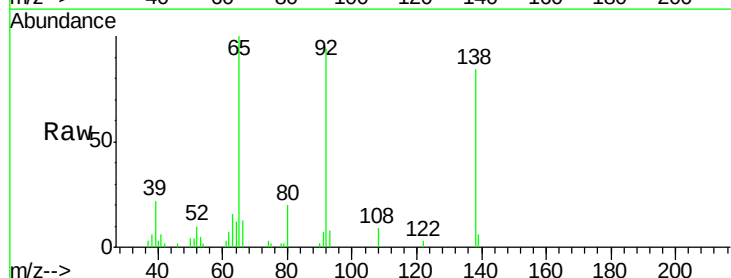
Tgt Ion:138 Resp: 26232

Ion Ratio Lower Upper

138 100

108 11.3 7.3 10.9#

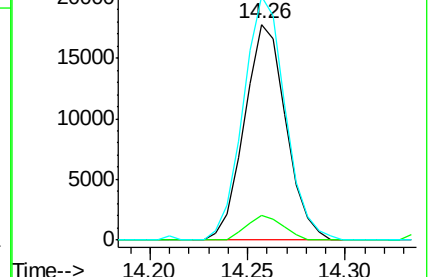
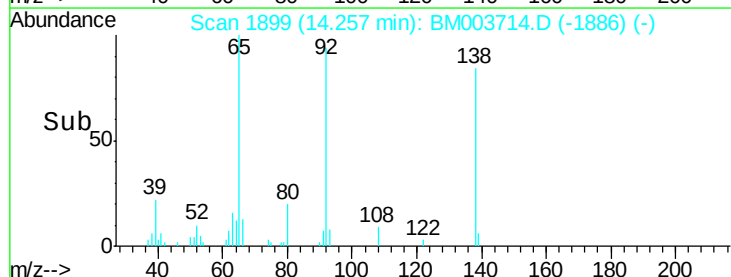
92 112.8 76.6 114.8

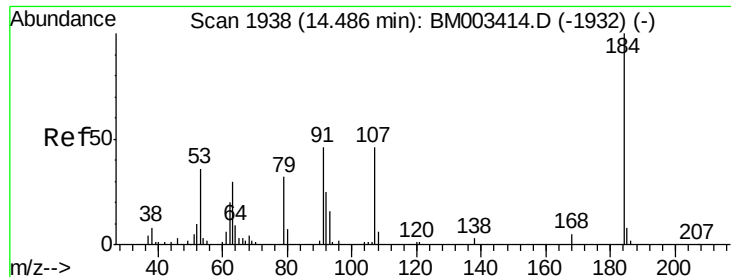


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

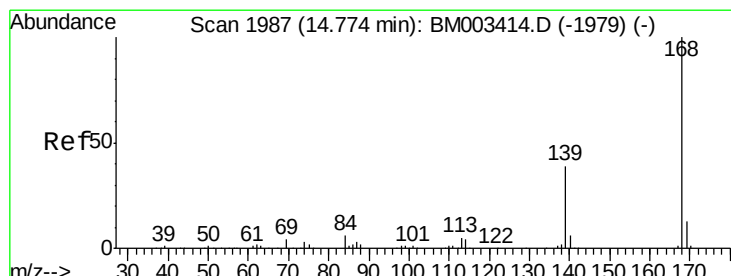
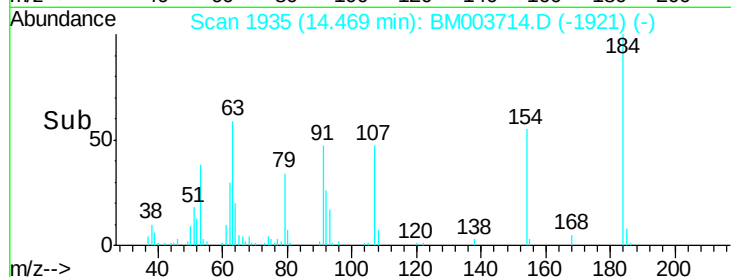
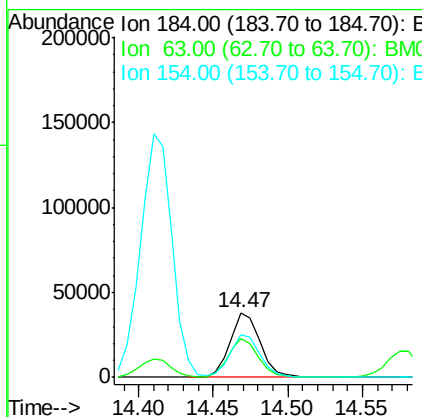
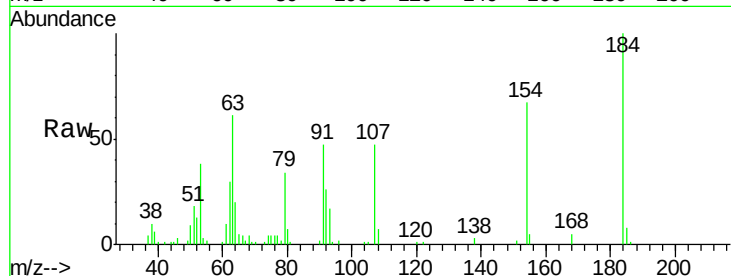




#53
2,4-Dinitrophenol
Concen: 71.85 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

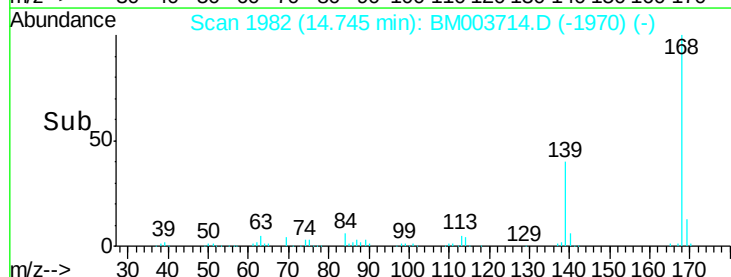
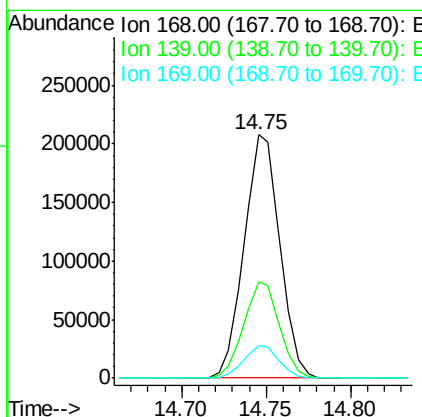
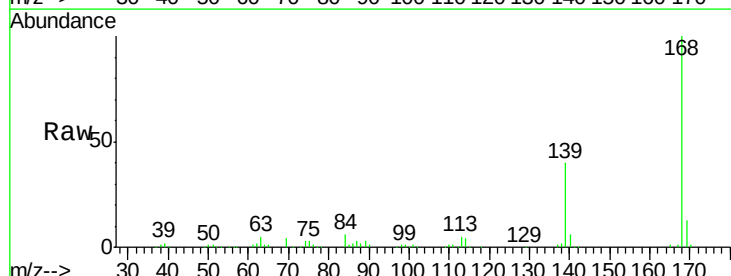
Instrument :
BNA_M
ClientSampleId :
PB87468BS

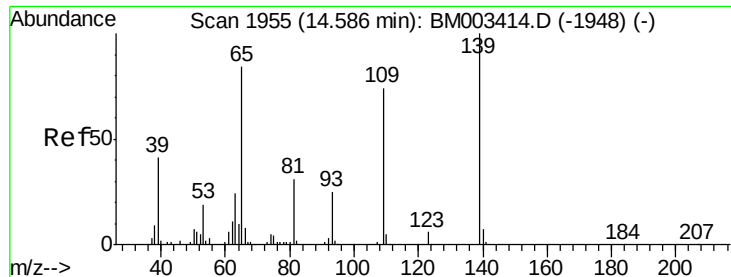
Tgt Ion:184 Resp: 54306
Ion Ratio Lower Upper
184 100
63 60.6 69.2 103.8#
154 66.5 53.3 79.9



#54
Dibenzofuran
Concen: 42.66 ng
RT: 14.75 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:168 Resp: 304853
Ion Ratio Lower Upper
168 100
139 39.6 27.3 40.9
169 13.5 10.6 16.0

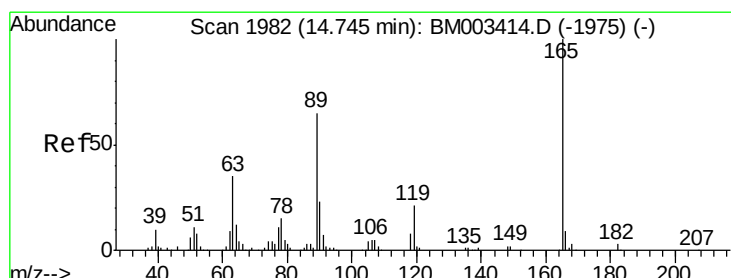
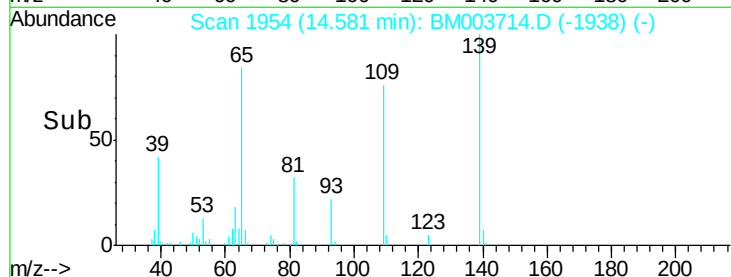
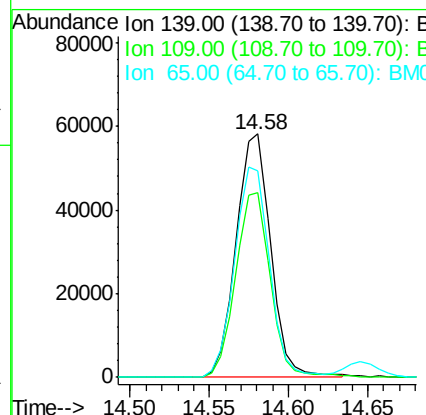
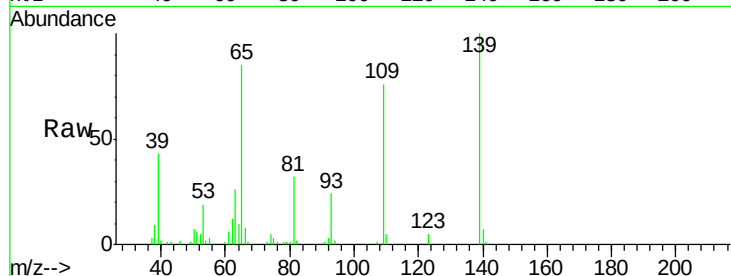




#55
4-Nitrophenol
Concen: 77.17 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

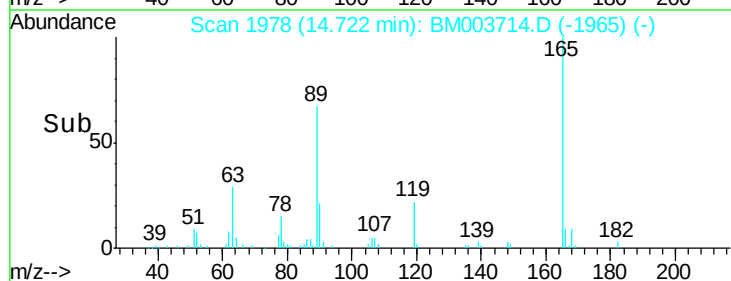
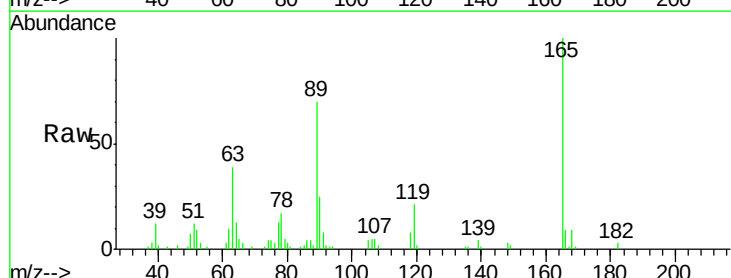
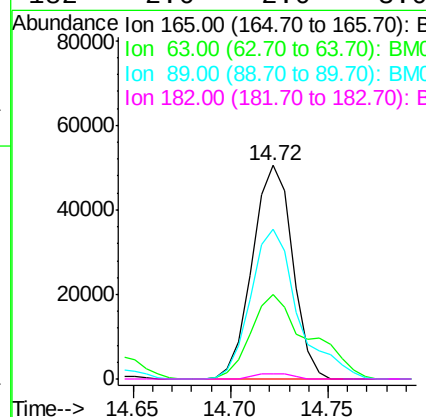
Instrument :
BNA_M
ClientSampleId :
PB87468BS

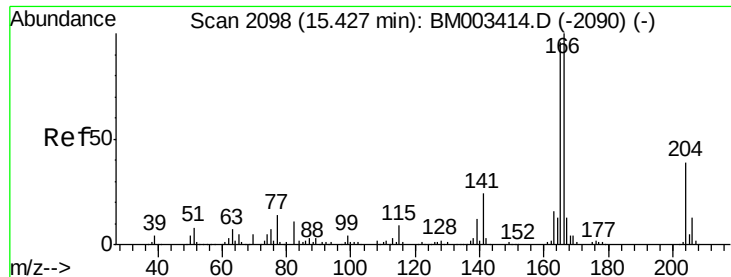
Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	37.7	77.7
65	85.0	49.9	89.9



#56
2,4-Dinitrotoluene
Concen: 41.14 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	39.4	52.4	78.6#
89	70.3	72.4	108.6#
182	2.6	2.0	3.0

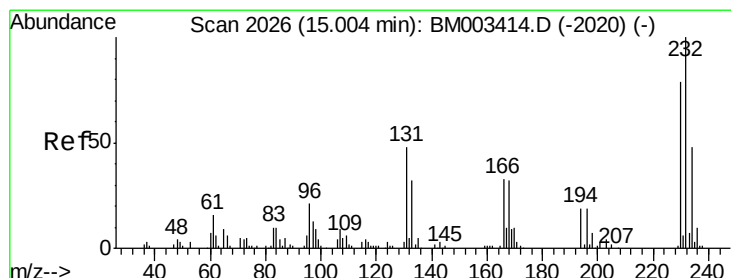
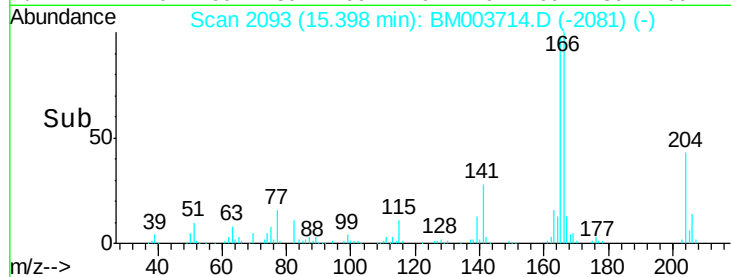
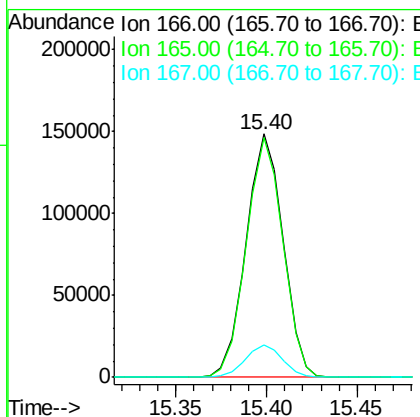
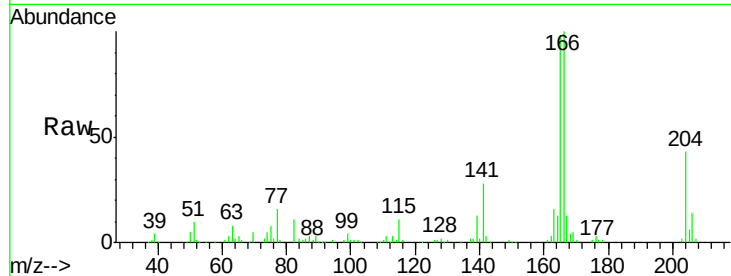




#57
Fluorene
 Concen: 35.52 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

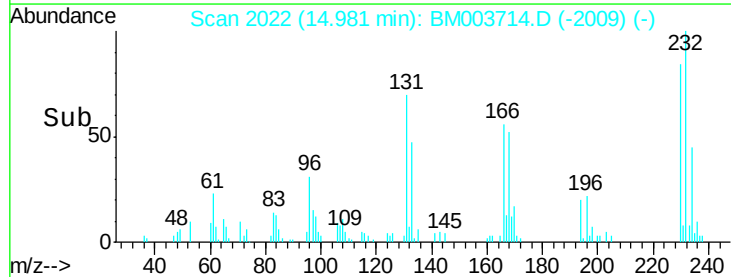
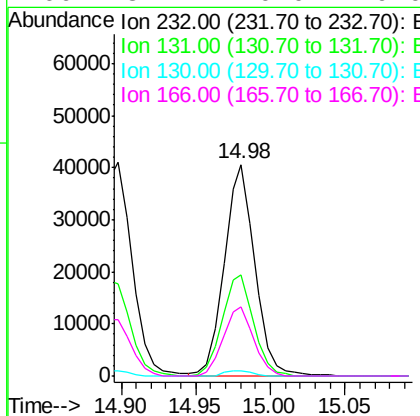
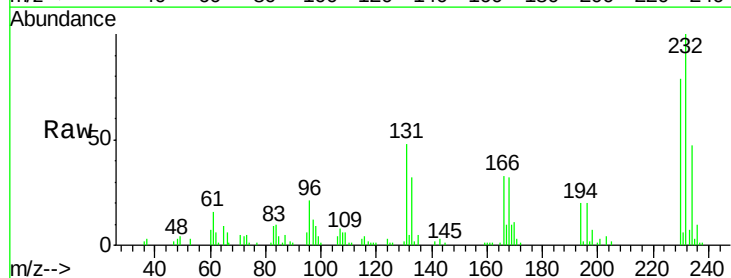
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

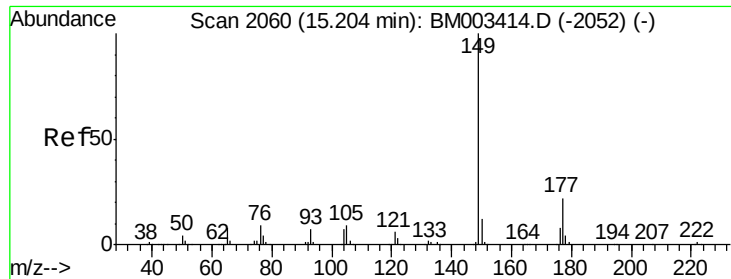
Tgt Ion:166 Resp: 210440
 Ion Ratio Lower Upper
 166 100
 165 98.2 79.0 118.4
 167 13.4 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 43.86 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:232 Resp: 58417
 Ion Ratio Lower Upper
 232 100
 131 49.0 0.0 0.0#
 130 2.2 0.0 0.0#
 166 32.4 0.0 0.0#

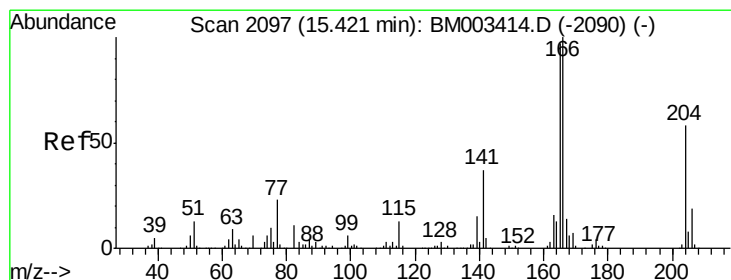
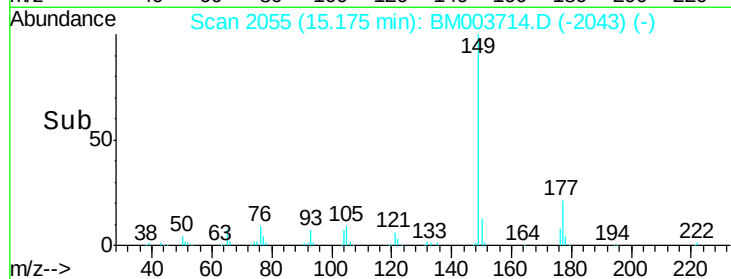
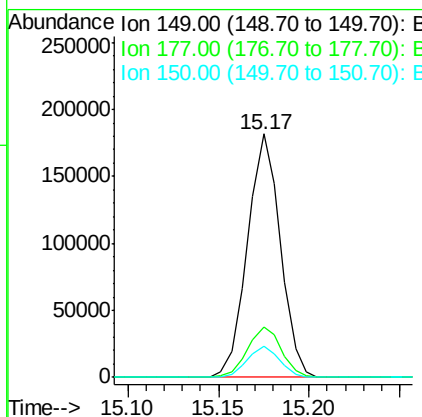
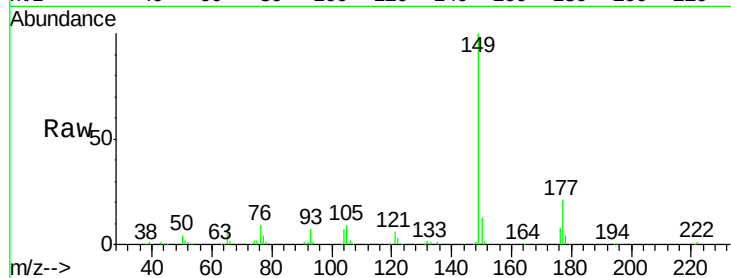




#59
Diethylphthalate
Concen: 36.08 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

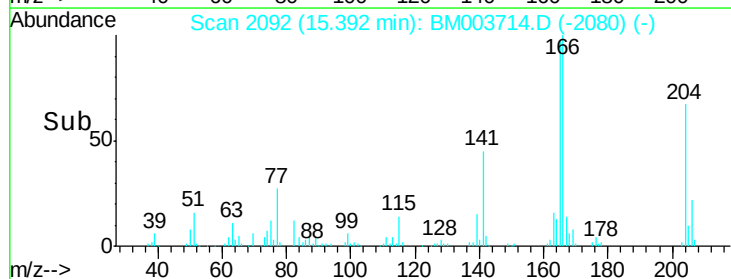
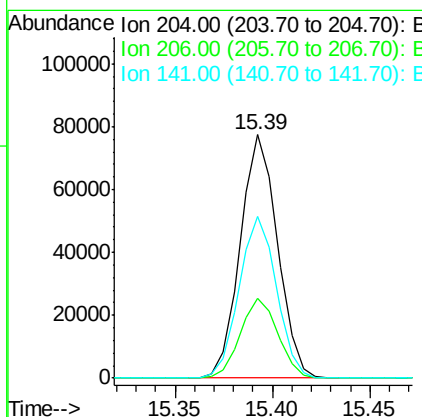
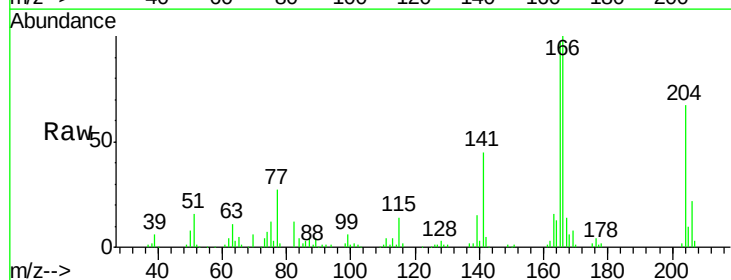
Instrument :
BNA_M
ClientSampleId :
PB87468BS

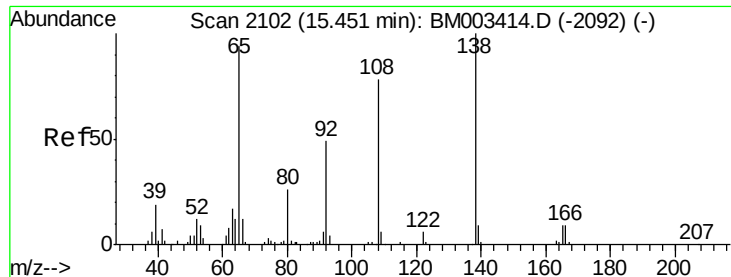
Tgt Ion:149 Resp: 229480
Ion Ratio Lower Upper
149 100
177 20.9 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 34.25 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion:204 Resp: 102592
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 66.5 45.2 67.8

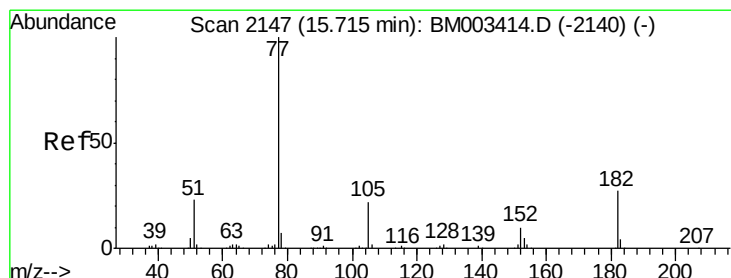
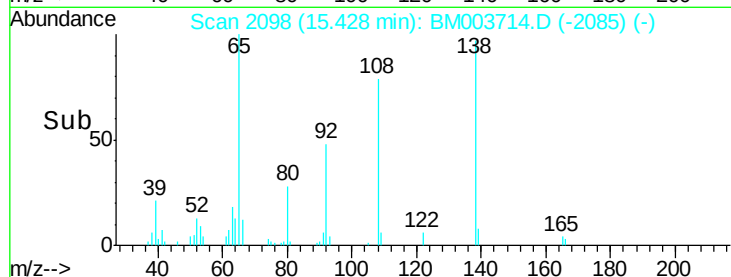
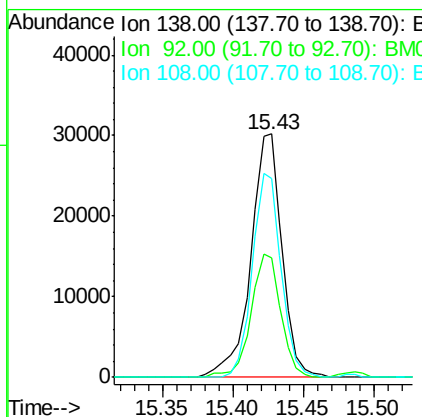
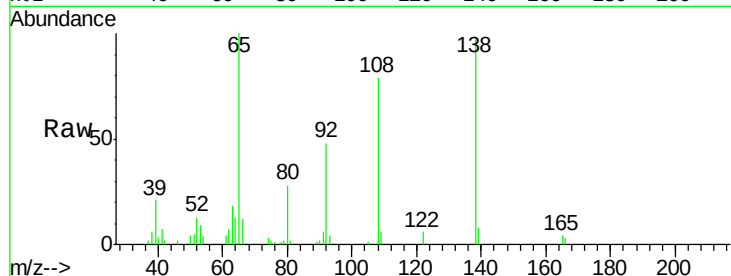




#61
4-Nitroaniline
Concen: 33.25 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

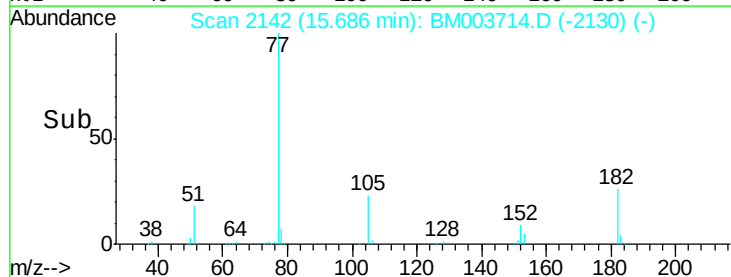
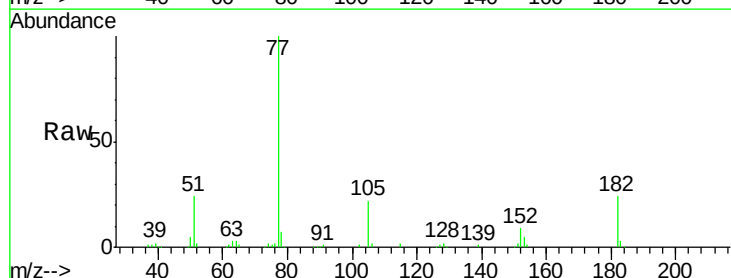
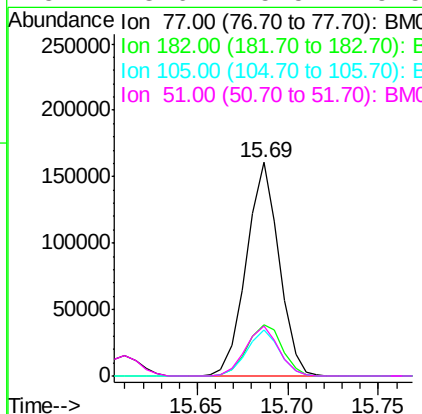
Instrument :
BNA_M
ClientSampleId :
PB87468BS

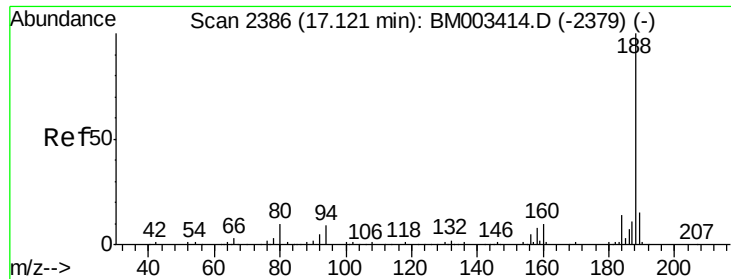
Tgt Ion: 138 Resp: 46976
Ion Ratio Lower Upper
138 100
92 49.2 16.7 56.7
108 81.7 37.6 77.6#



#62
Azobenzene
Concen: 40.33 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion: 77 Resp: 201091
Ion Ratio Lower Upper
77 100
182 24.1 6.5 46.5
105 21.7 3.8 43.8
51 23.6 5.5 45.5

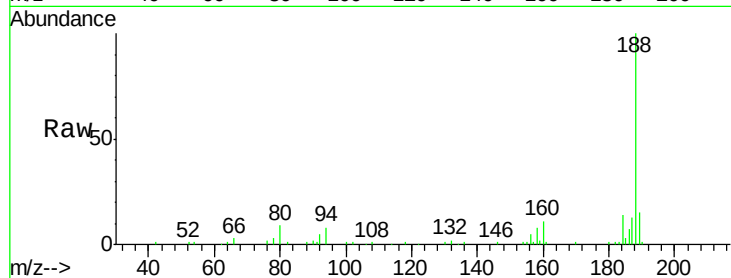




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Instrument :
BNA_M
ClientSampleId :
PB87468BS

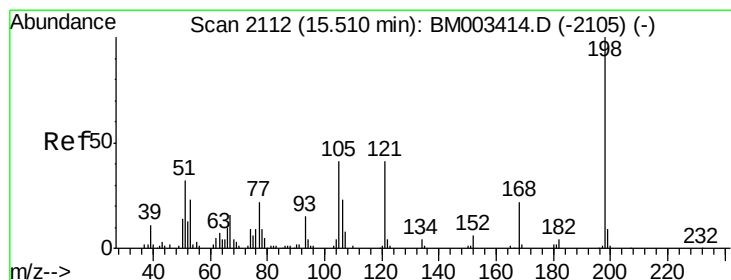
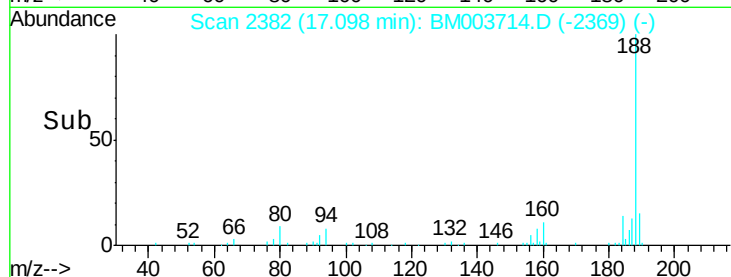
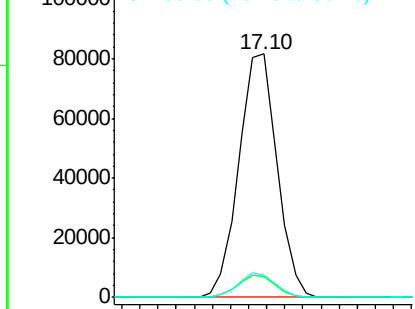
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.7	13.1#
80	9.3	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E

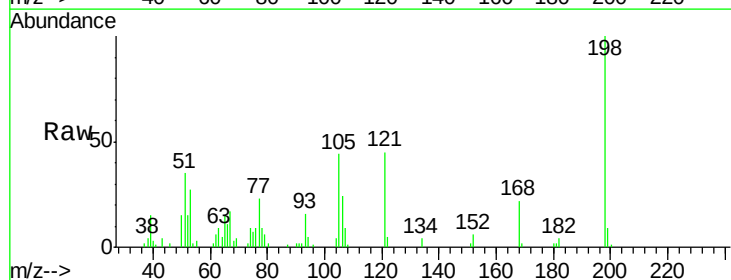
Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#64
4,6-Dinitro-2-methylphenol
Concen: 46.89 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

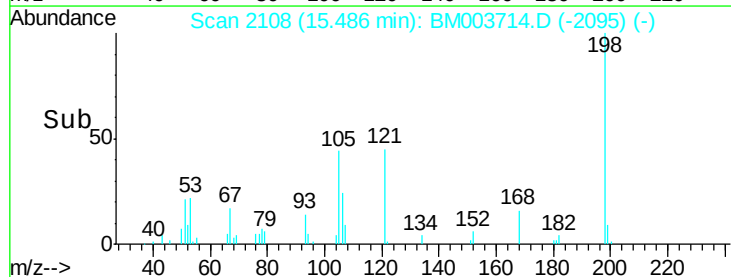
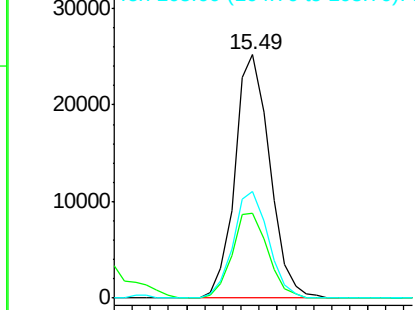
Tgt Ion	Ratio	Lower	Upper
198	100		
51	34.7	28.8	68.8
105	43.8	30.5	70.5

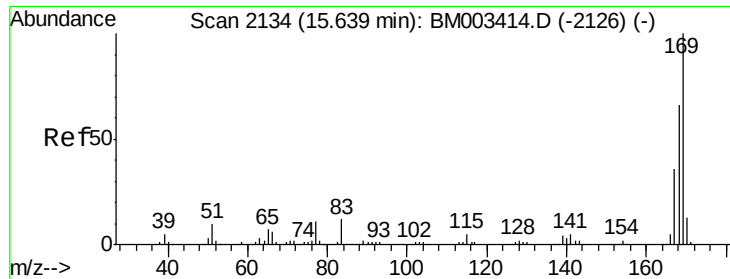


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM

Ion 105.00 (104.70 to 105.70): E

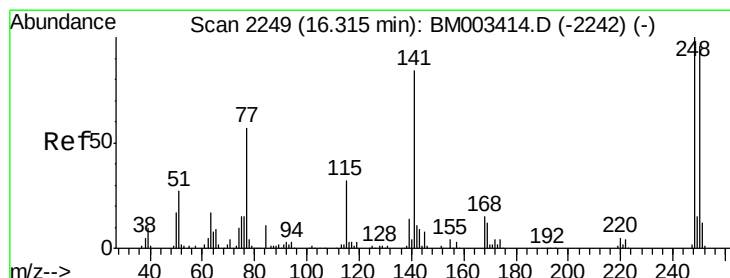
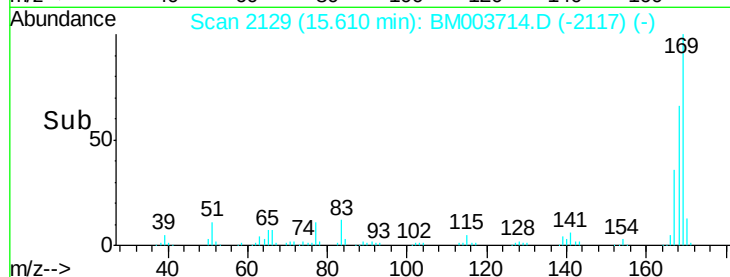
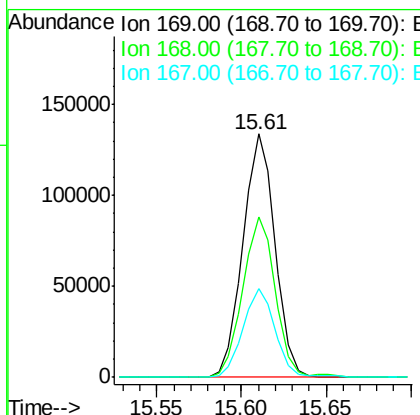
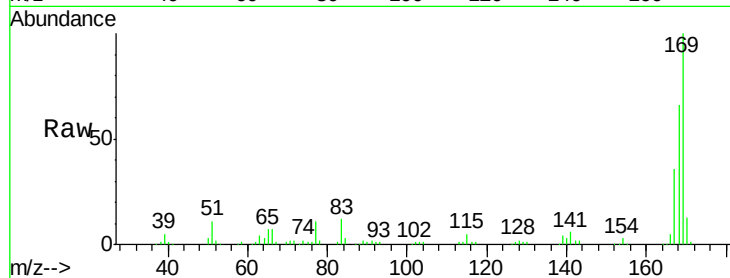




#65
 n-Nitrosodiphenylamine
 Concen: 46.90 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

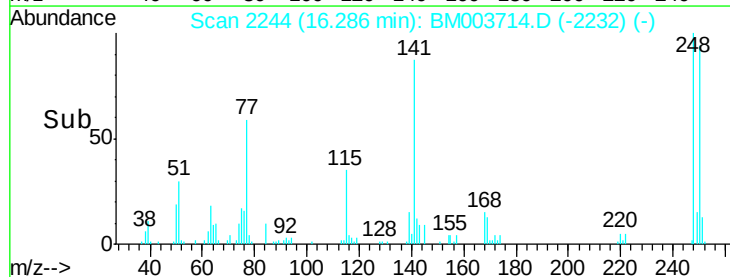
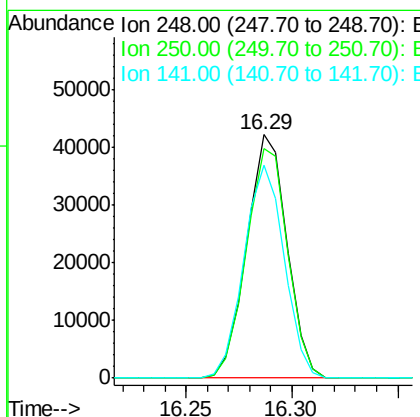
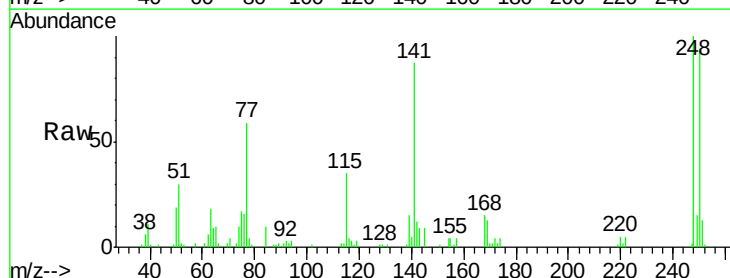
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

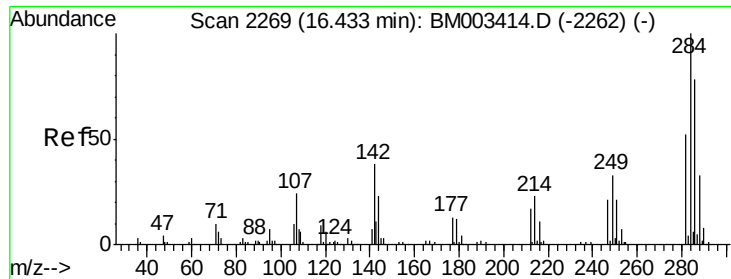
Tgt Ion:169 Resp: 177019
 Ion Ratio Lower Upper
 169 100
 168 66.1 53.9 80.9
 167 36.5 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.43 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:248 Resp: 55897
 Ion Ratio Lower Upper
 248 100
 250 94.3 77.4 116.0
 141 87.5 45.2 67.8#





#67

Hexachlorobenzene

Concen: 44.22 ng

RT: 16.40 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

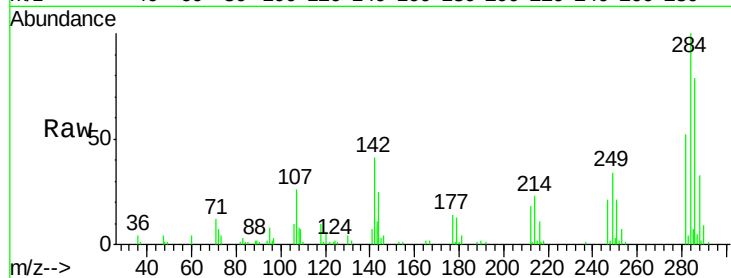
Tgt Ion:284 Resp: 61144

Ion Ratio Lower Upper

284 100

142 41.2 20.4 30.6#

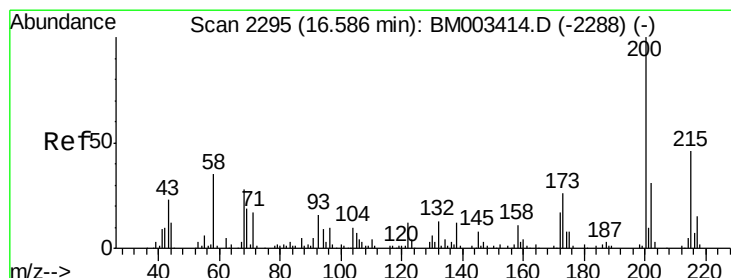
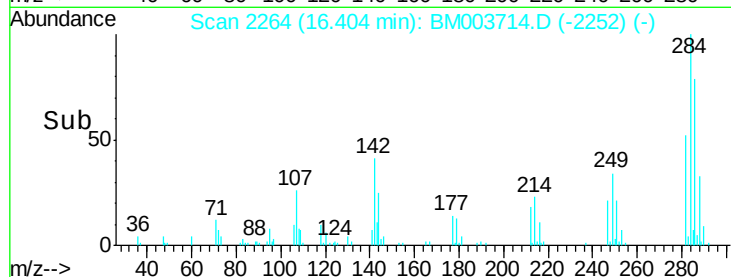
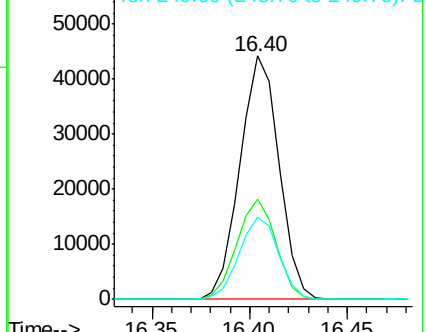
249 33.7 23.8 35.6



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: 47.27 ng

RT: 16.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

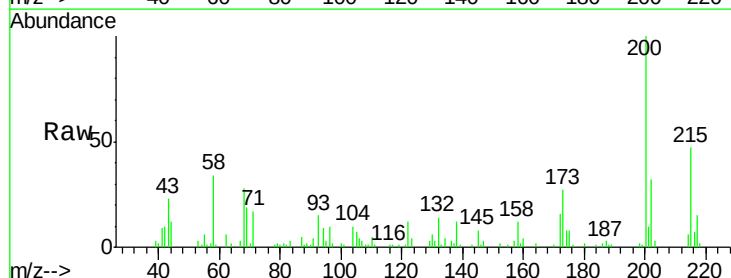
Tgt Ion:200 Resp: 55637

Ion Ratio Lower Upper

200 100

173 26.9 4.8 44.8

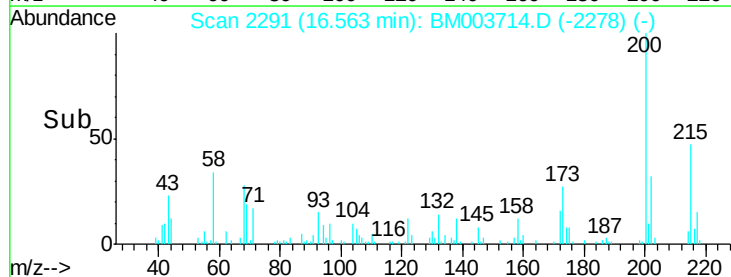
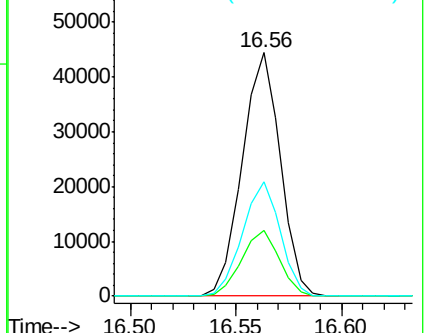
215 46.9 26.9 66.9

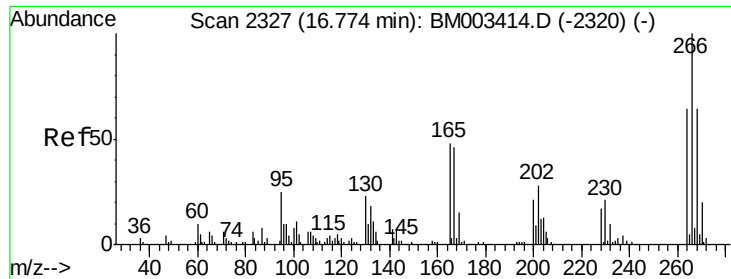


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

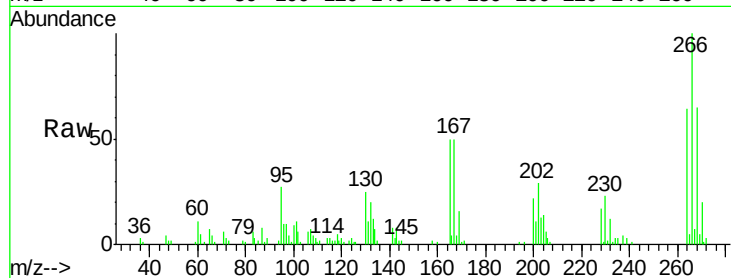




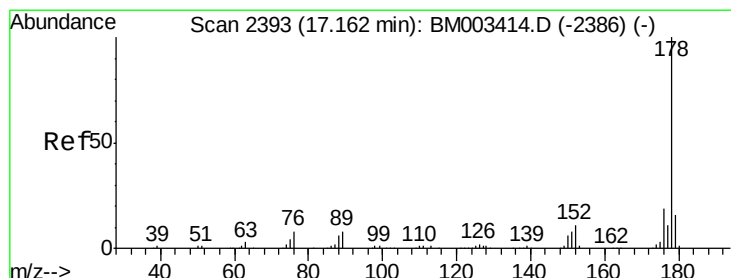
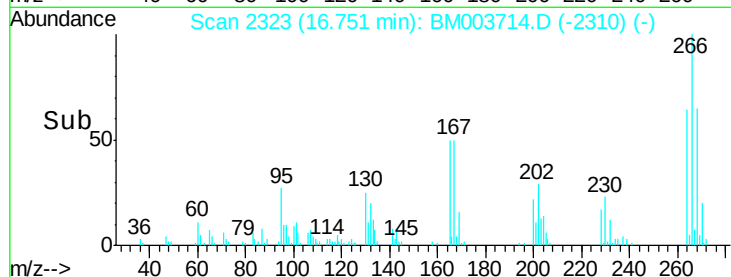
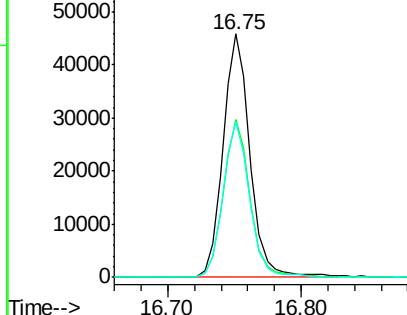
#69
 Pentachlorophenol
 Concen: 82.31 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

Tgt Ion:266 Resp: 64976
 Ion Ratio Lower Upper
 266 100
 268 64.6 52.0 78.0
 264 63.5 49.0 73.4

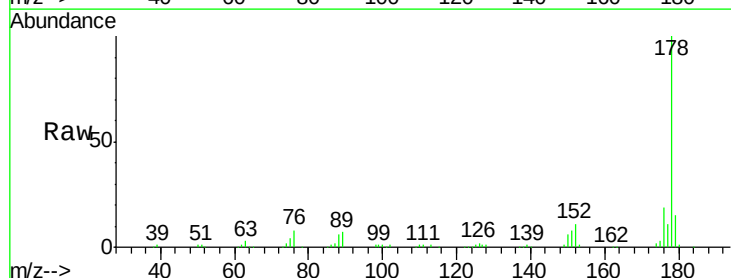


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

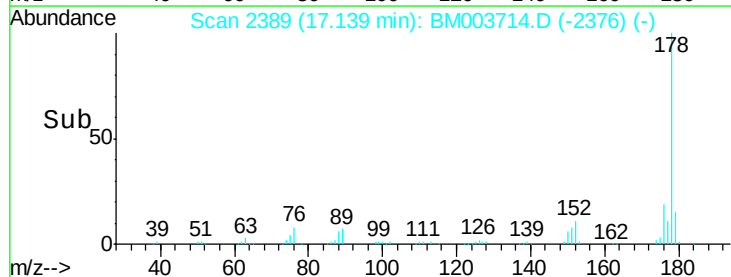
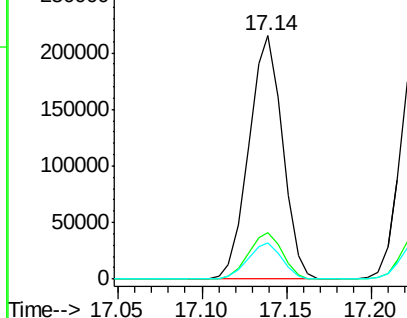


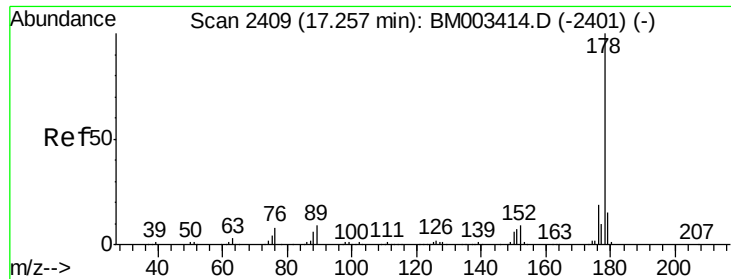
#70
 Phenanthrene
 Concen: 44.58 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:178 Resp: 298636
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.2 22.8
 179 15.1 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

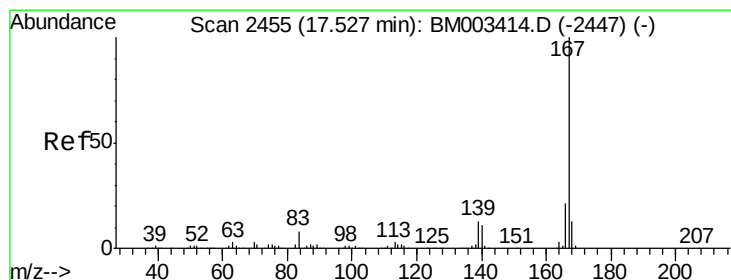
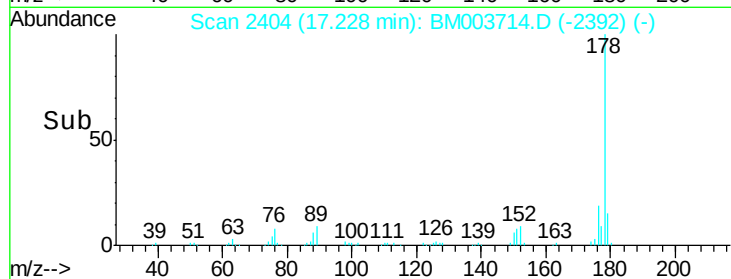
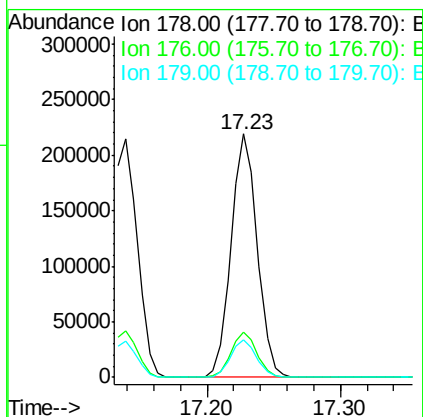
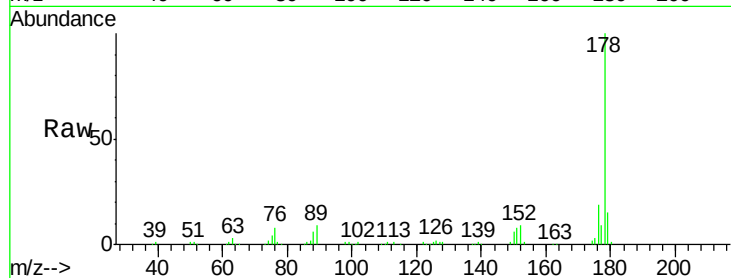




#71
 Anthracene
 Concen: 45.11 ng
 RT: 17.23 min Scan# 2404
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

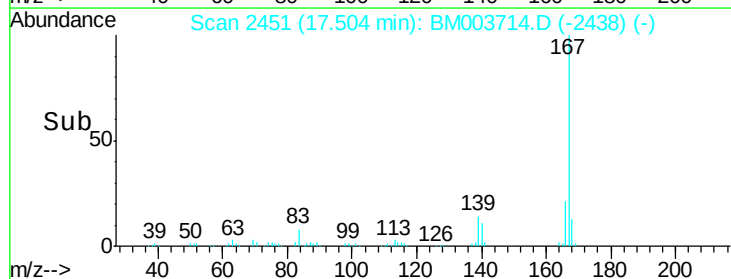
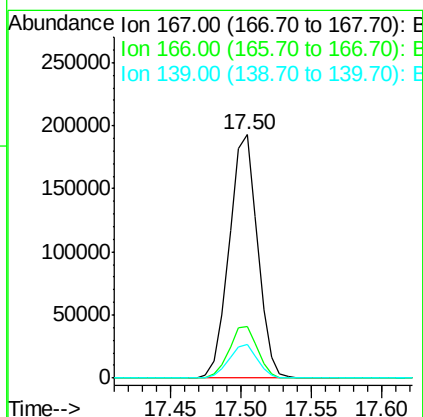
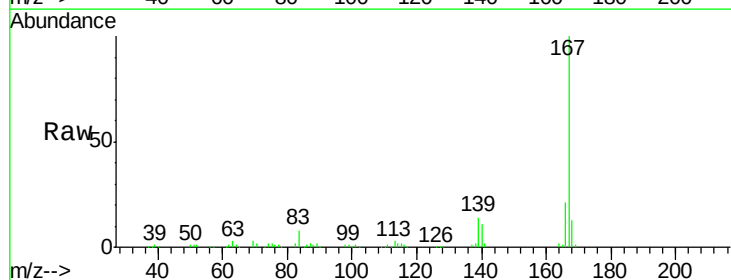
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

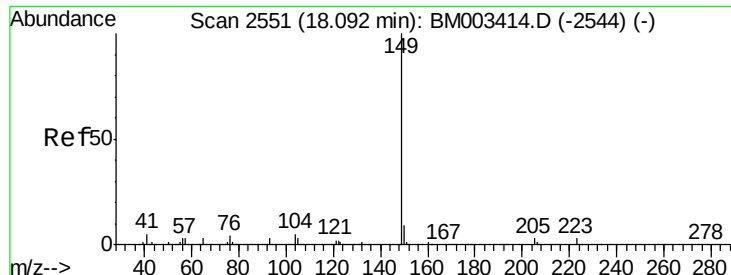
Tgt Ion:178 Resp: 300224
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 46.48 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion:167 Resp: 269497
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 46.74 ng

RT: 18.06 min Scan# 2546

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

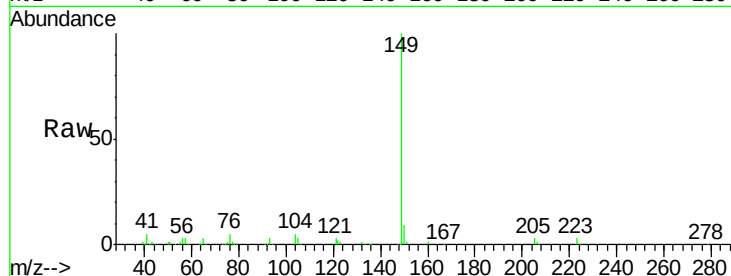
Tgt Ion:149 Resp: 316814

Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

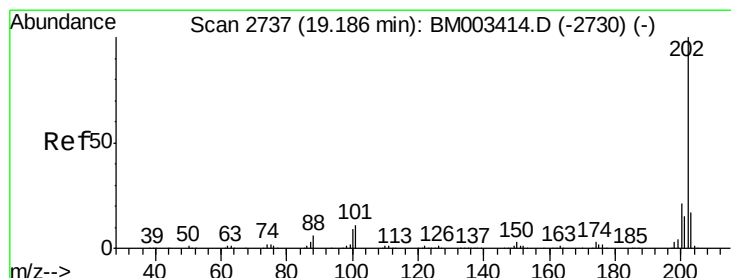
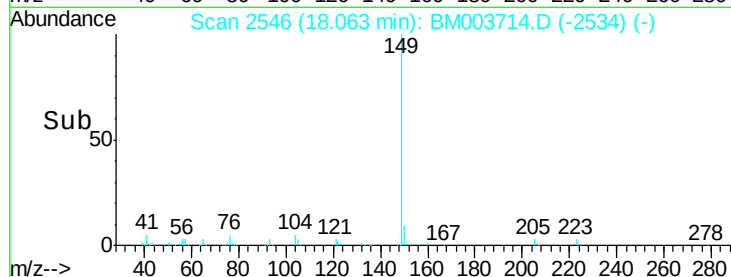
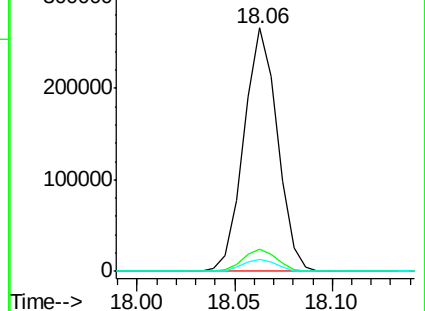
104 4.9 3.7 5.5



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: 45.98 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

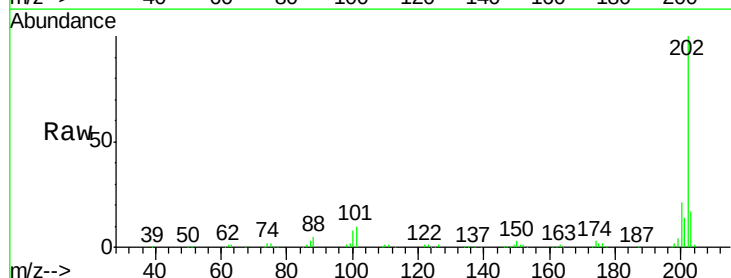
Tgt Ion:202 Resp: 317658

Ion Ratio Lower Upper

202 100

101 10.2 0.0 28.7

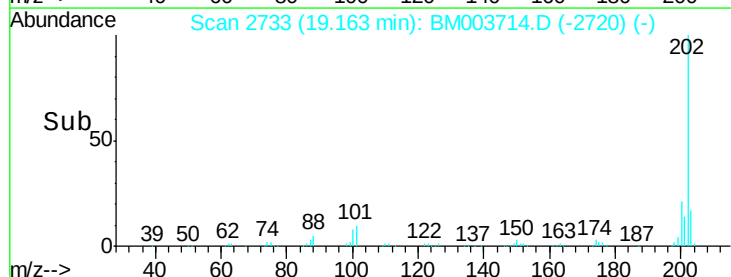
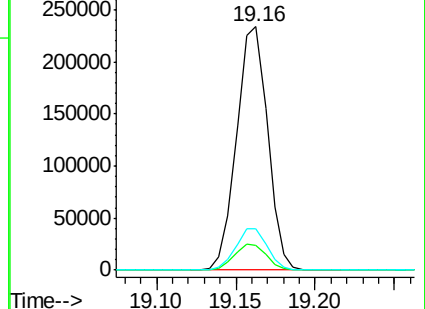
203 17.2 0.0 37.2

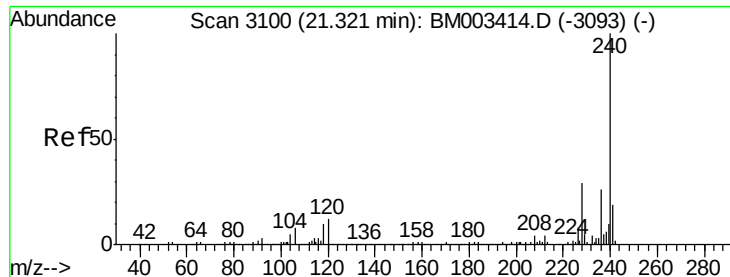


Abundance Ion 202.00 (201.70 to 202.70): E

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: 21.30 min Scan# 3096

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

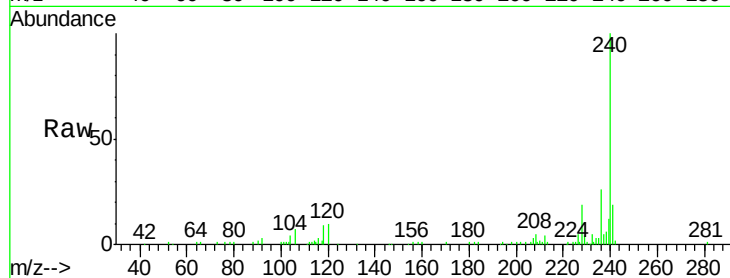
Tgt Ion:240 Resp: 113182

Ion Ratio Lower Upper

240 100

120 10.2 8.2 12.2

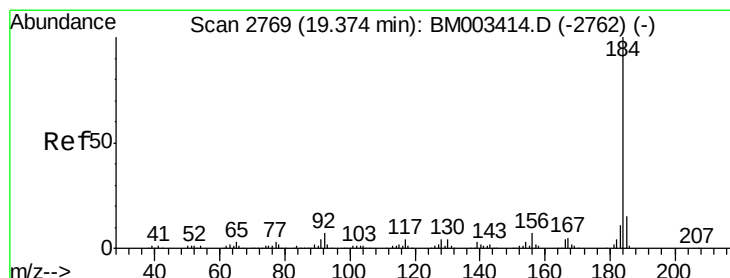
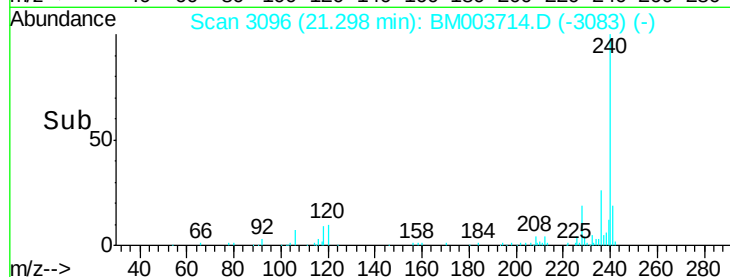
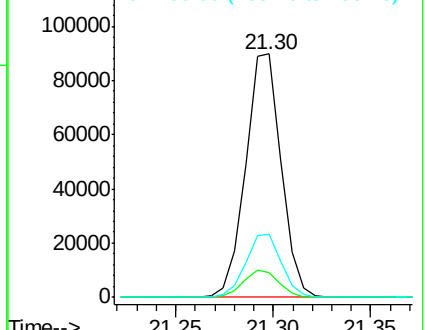
236 26.1 20.0 30.0



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: 32.75 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

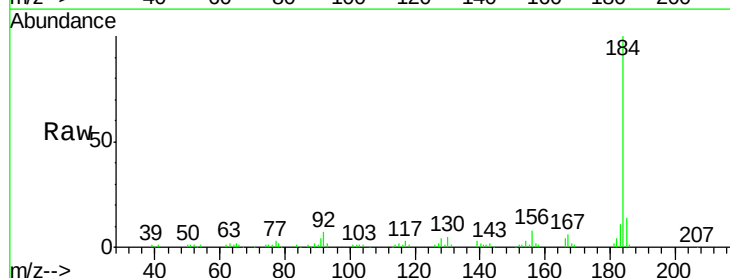
Tgt Ion:184 Resp: 118766

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

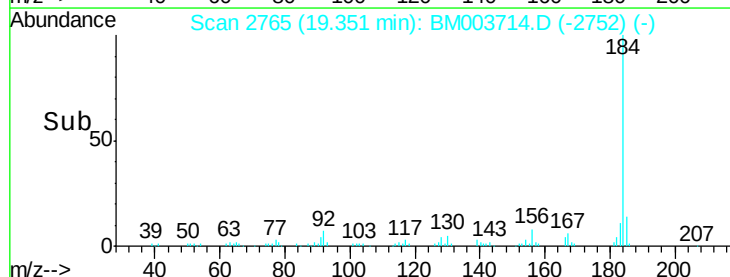
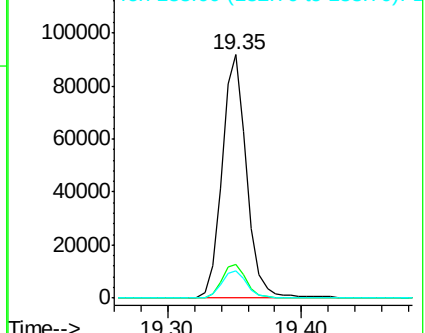
183 11.2 8.9 13.3

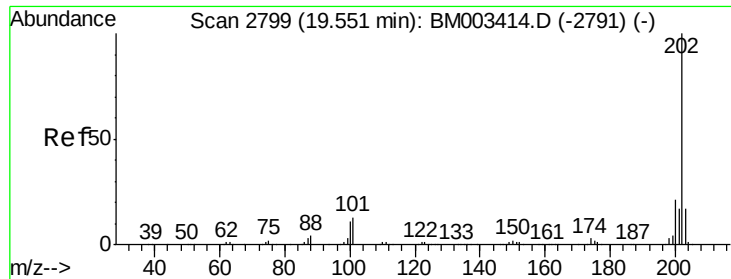


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

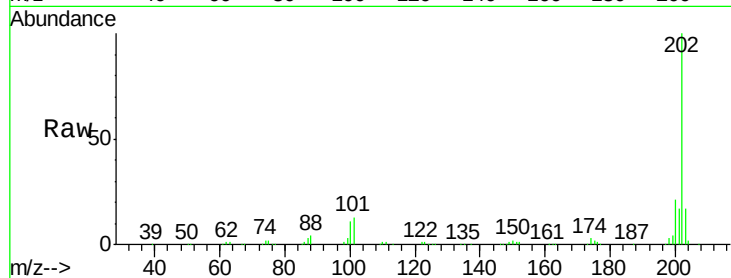




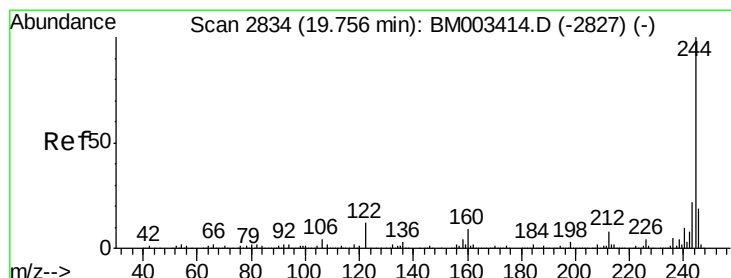
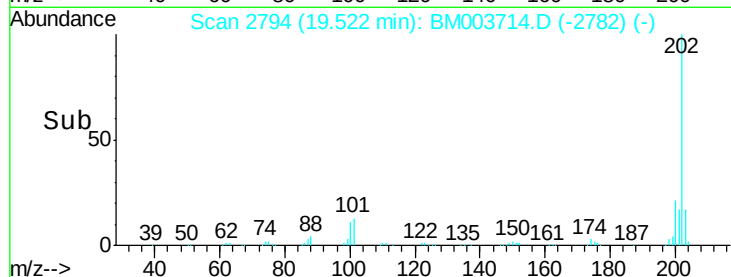
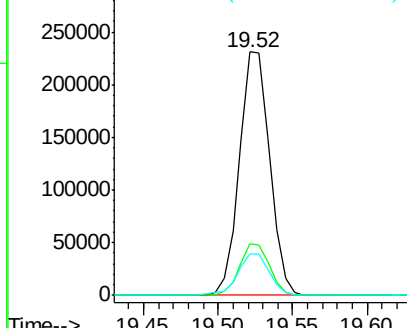
#77
 Pyrene
 Concen: 41.07 ng
 RT: 19.52 min Scan# 2794
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.2	14.1	21.1

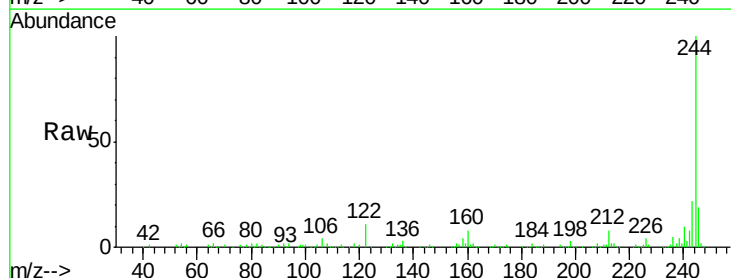


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

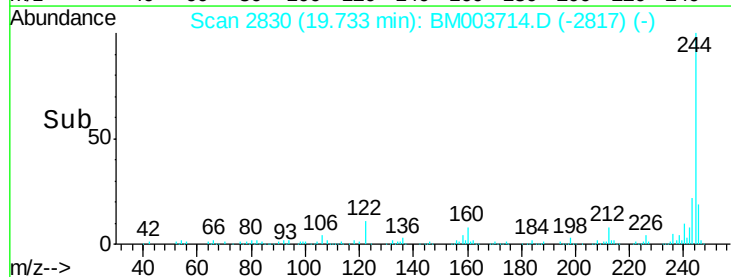
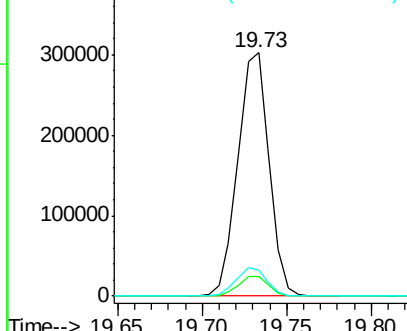


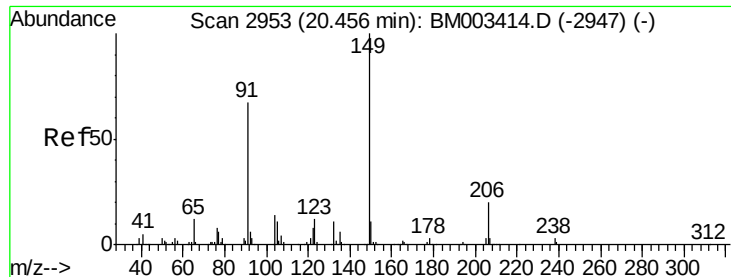
#78
 Terphenyl-d14
 Concen: 81.32 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	10.8	6.2	9.4#



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 44.59 ng

RT: 20.43 min Scan# 2948

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

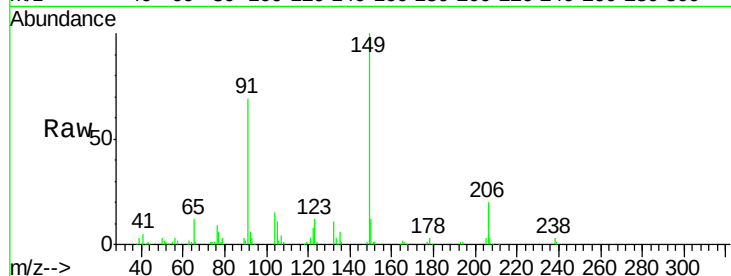
Tgt Ion:149 Resp: 136314

Ion Ratio Lower Upper

149 100

91 69.5 50.1 75.1

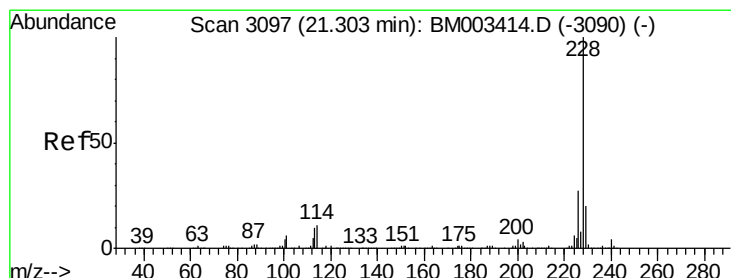
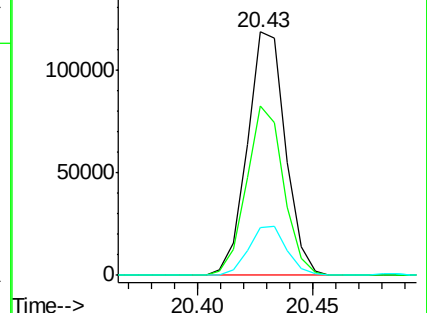
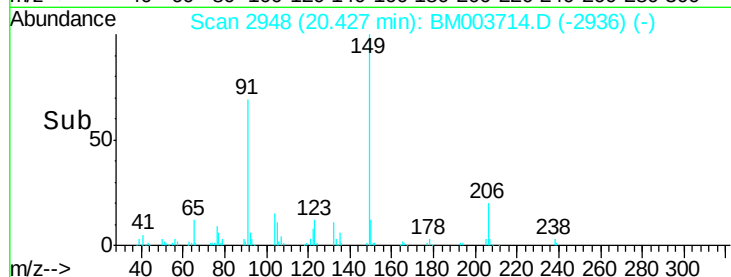
206 19.8 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 43.09 ng

RT: 21.28 min Scan# 3093

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

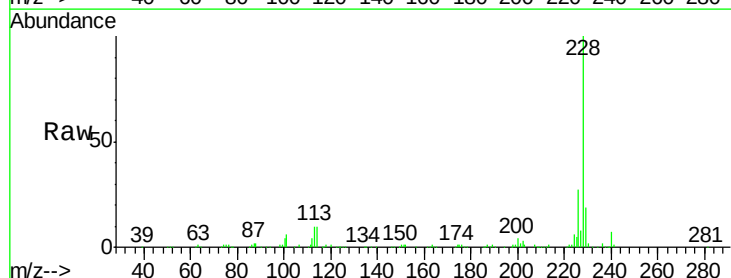
Tgt Ion:228 Resp: 292436

Ion Ratio Lower Upper

228 100

226 26.7 21.7 32.5

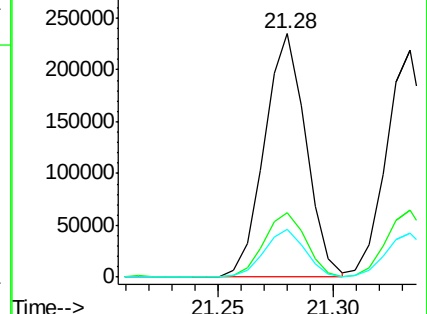
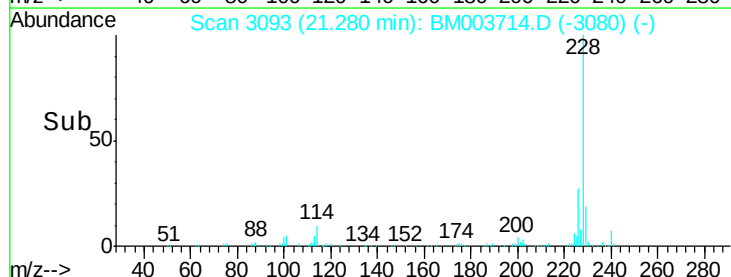
229 19.4 16.0 24.0

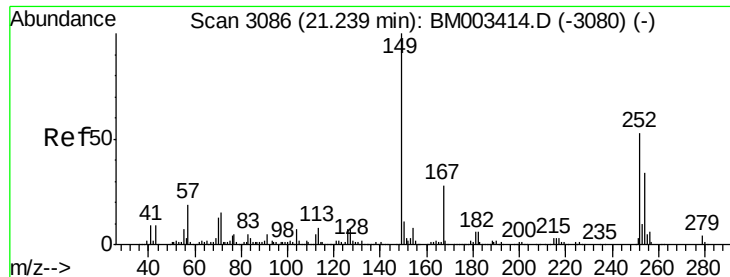


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

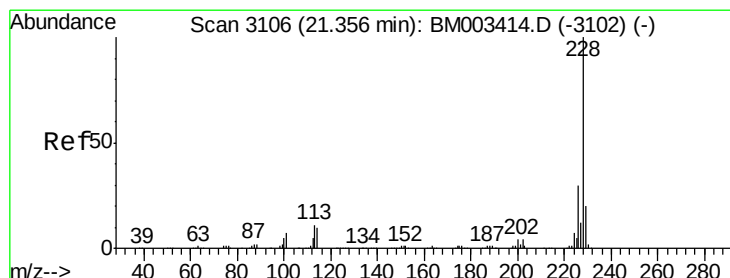
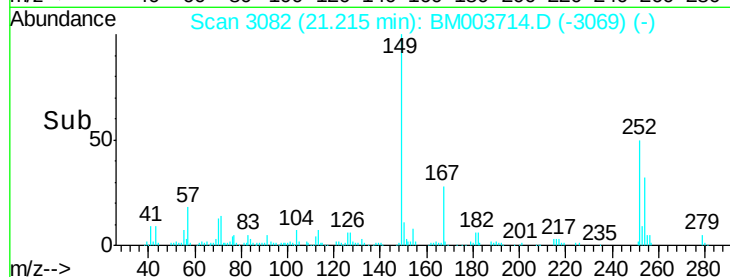
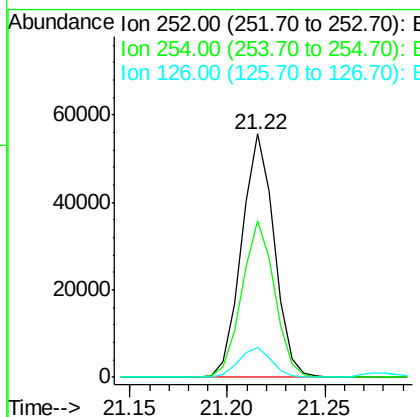
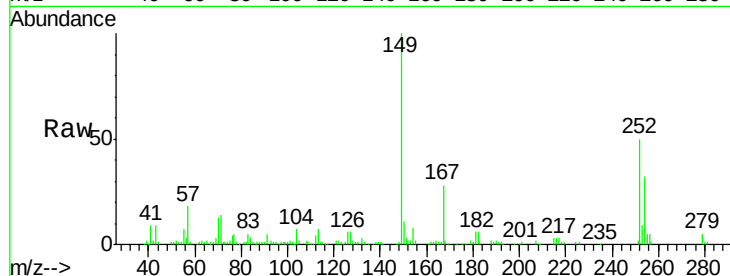




#81
 3,3'-Dichlorobenzidine
 Concen: 29.83 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

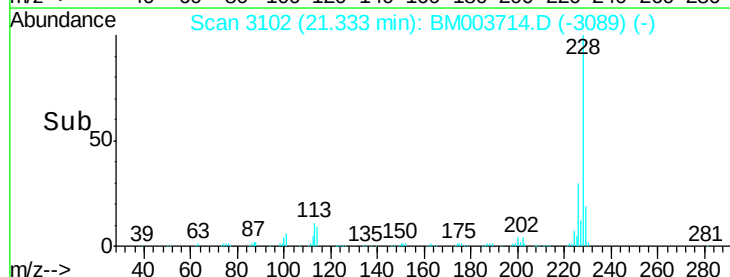
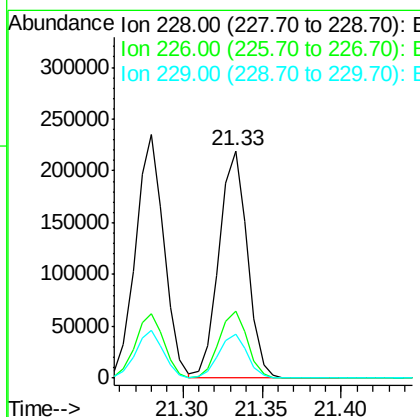
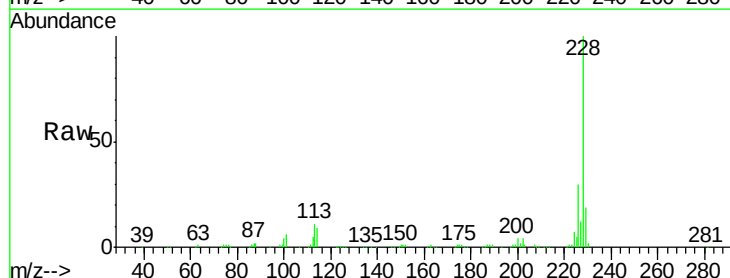
Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

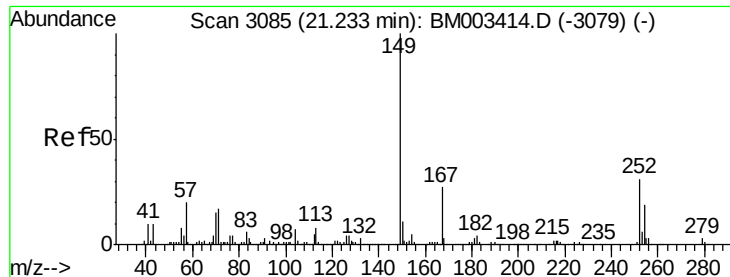
Tgt Ion: 252 Resp: 64458
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.9 77.9
 126 12.2 9.8 14.8



#82
 Chrysene
 Concen: 41.62 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion: 228 Resp: 271820
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.1 36.1
 229 19.4 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.36 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS

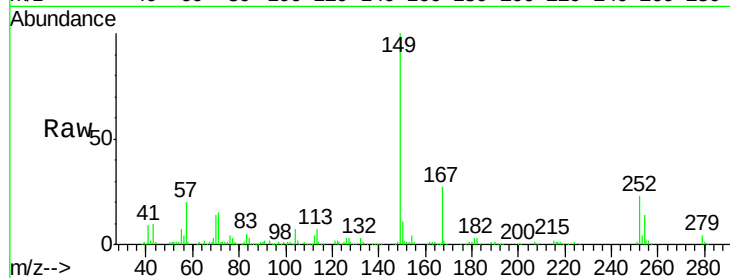
Tgt Ion:149 Resp: 190158

Ion Ratio Lower Upper

149 100

167 26.9 22.4 33.6

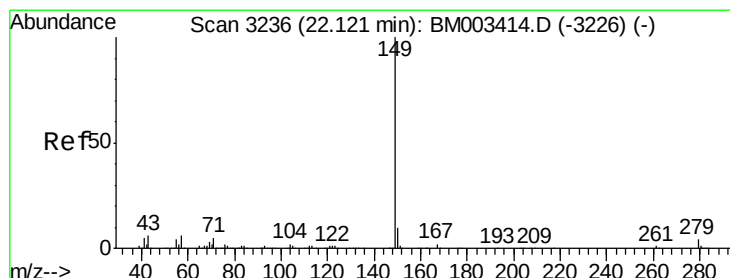
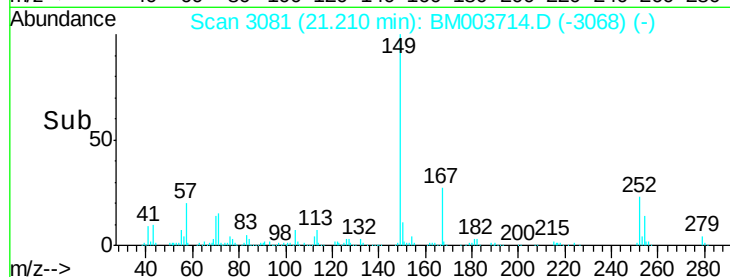
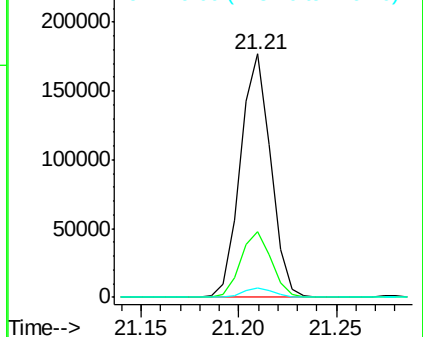
279 3.9 3.4 5.0



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: 47.68 ng

RT: 22.09 min Scan# 3230

Delta R.T. -0.03 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

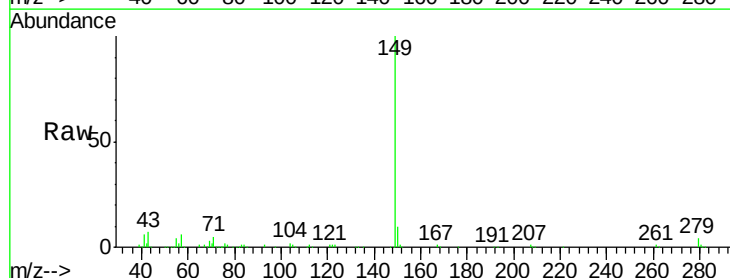
Tgt Ion:149 Resp: 330221

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

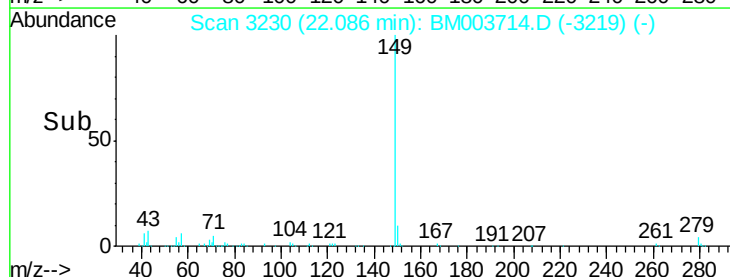
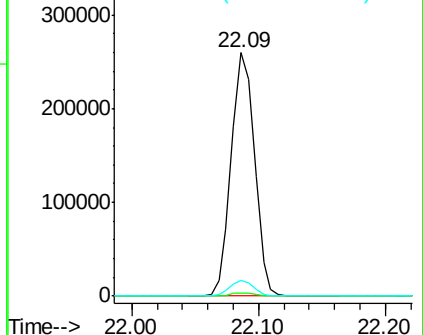
43 6.6 7.3 10.9#

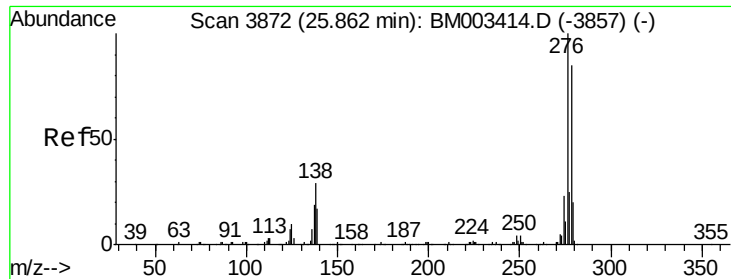


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

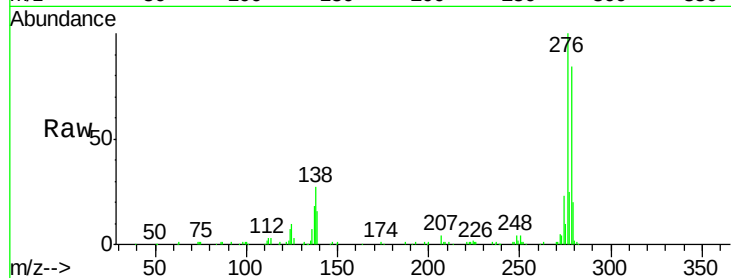




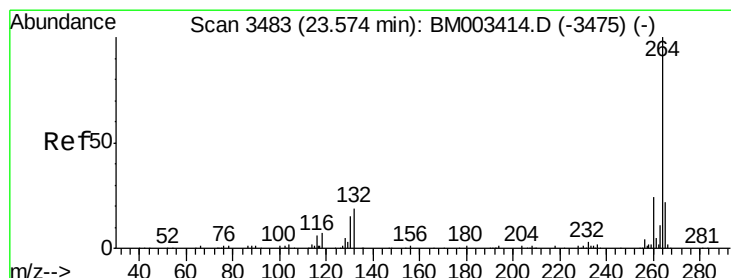
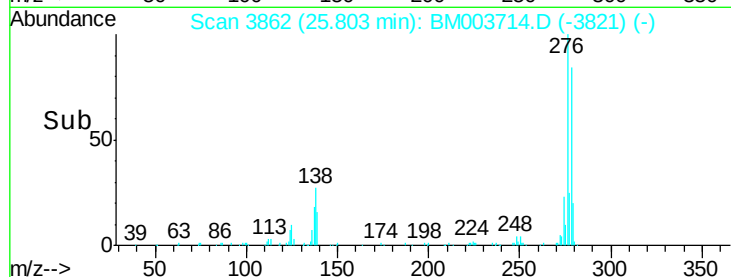
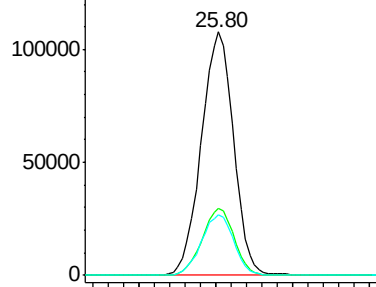
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.04 ng
 RT: 25.80 min Scan# 3862
 Delta R.T. -0.06 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Instrument :
 BNA_M
 ClientSampleId :
 PB87468BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	0.0	0.0#
277	25.1	0.0	0.0#

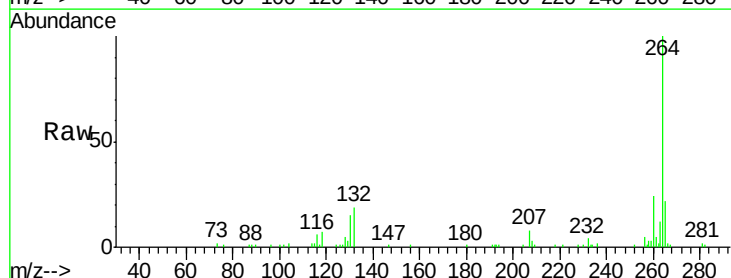


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

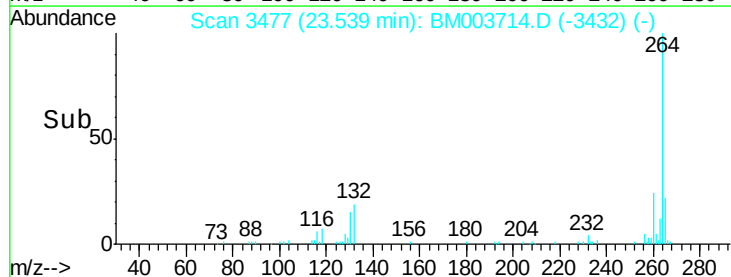
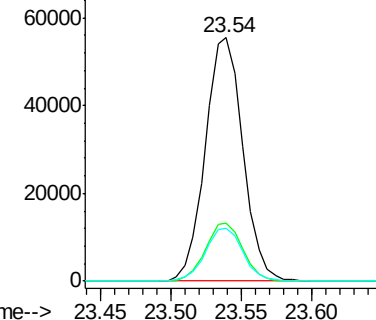


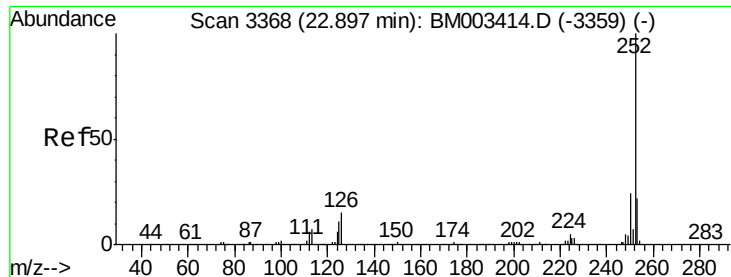
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.03 min
 Lab File: BM003714.D
 Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	27.8
265	21.8	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

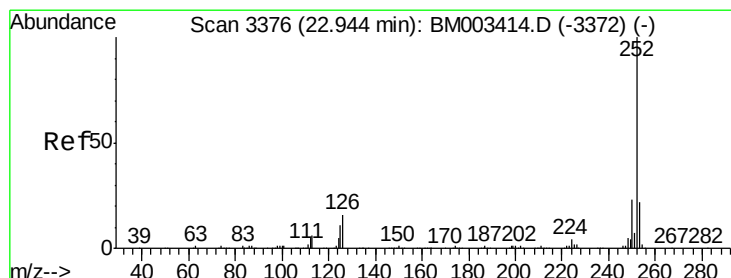
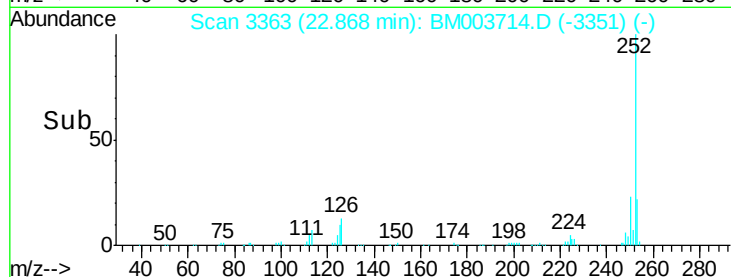
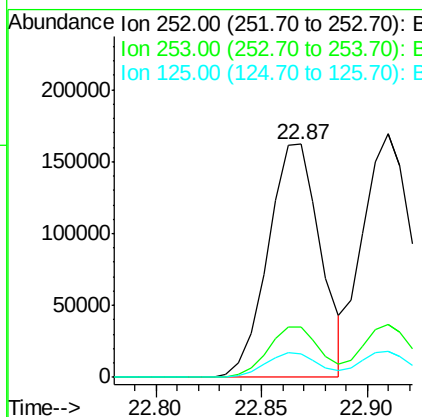
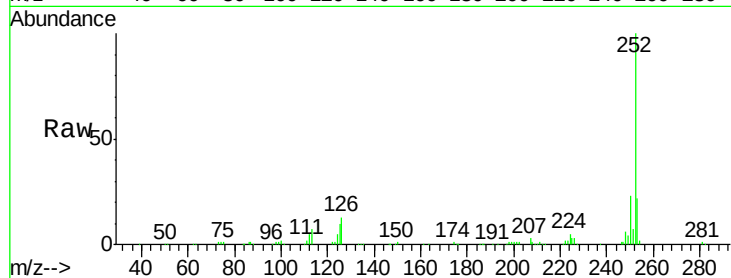




#87
Benzo(b)fluoranthene
Concen: 44.72 ng
RT: 22.87 min Scan# 3363
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

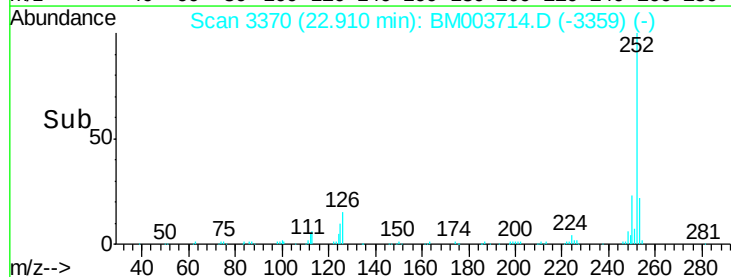
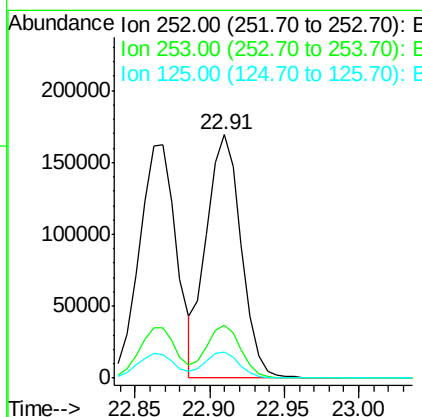
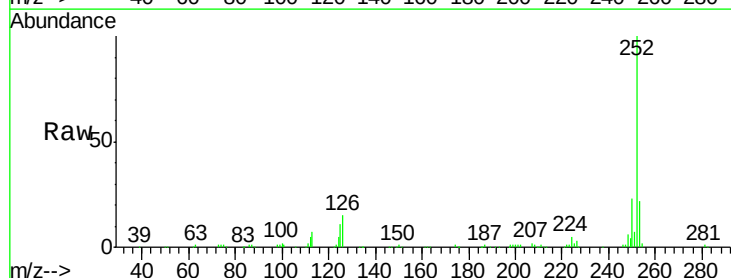
Instrument :
BNA_M
ClientSampleId :
PB87468BS

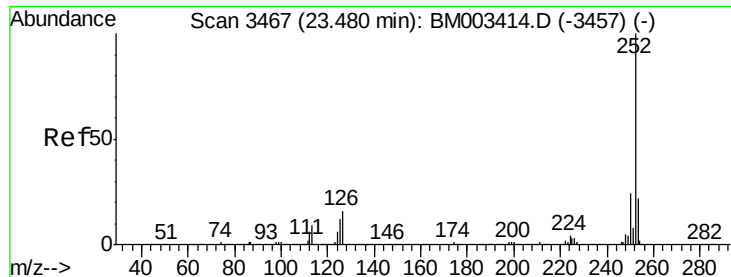
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.1	9.9	14.9



#88
Benzo(k)fluoranthene
Concen: 44.82 ng
RT: 22.91 min Scan# 3370
Delta R.T. -0.03 min
Lab File: BM003714.D
Acq: 22 Dec 2015 18:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.2	25.8
125	10.6	8.1	12.1





#89

Benzo(a)pyrene

Concen: 46.08 ng

RT: 23.44 min Scan# 3460

Delta R.T. -0.04 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

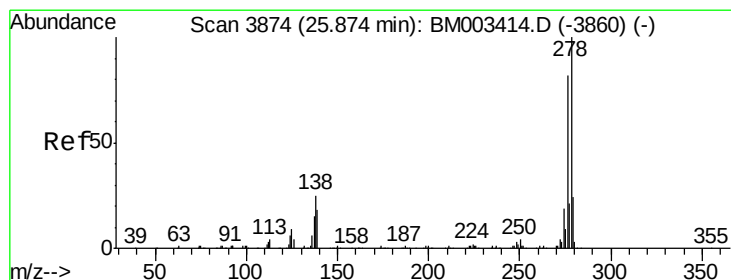
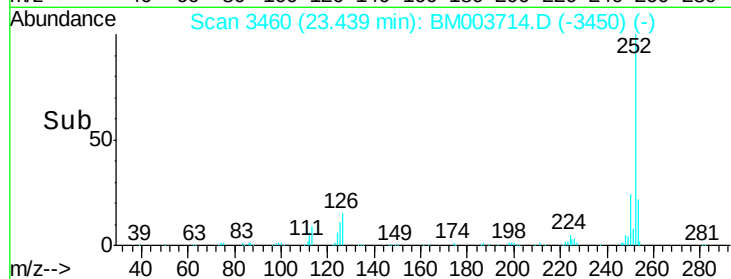
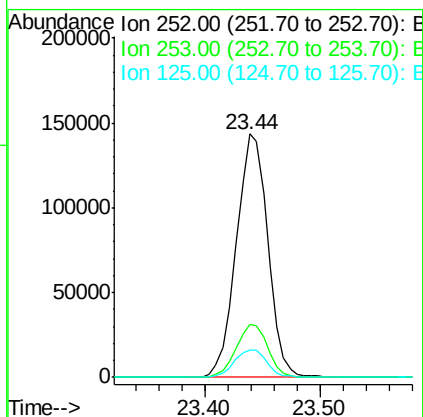
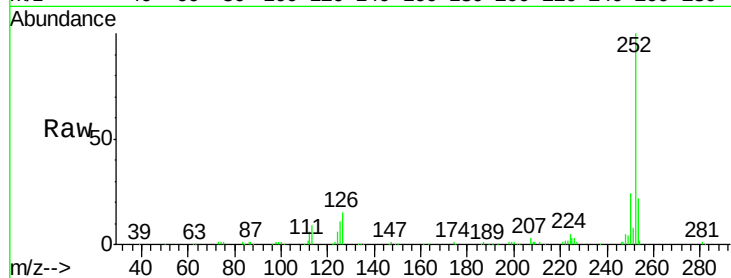
Instrument :

BNA_M

ClientSampleId :

PB87468BS

Tgt Ion:	252	Resp:	271717
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.6	26.4
125	11.4	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 46.00 ng

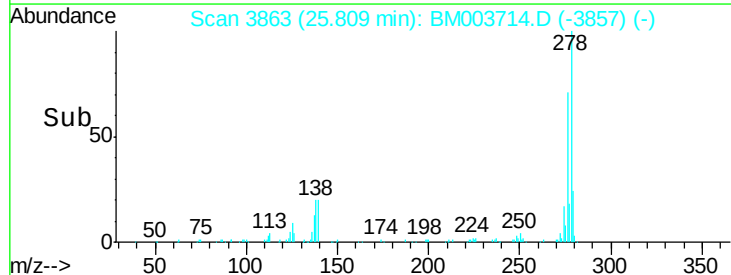
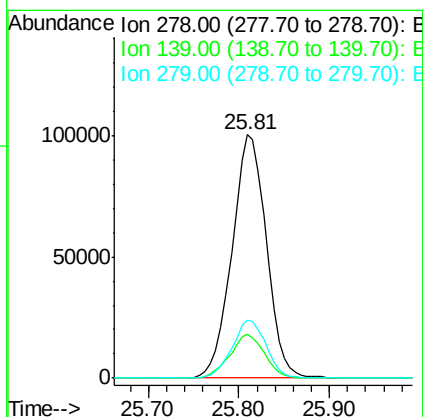
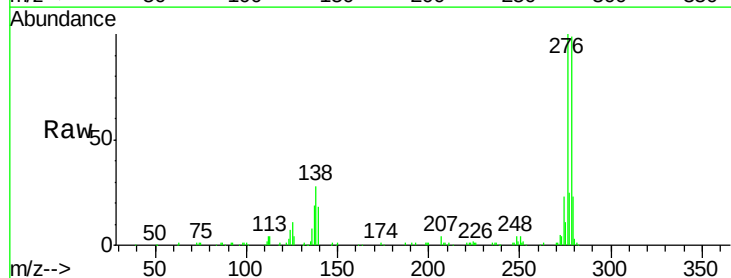
RT: 25.81 min Scan# 3863

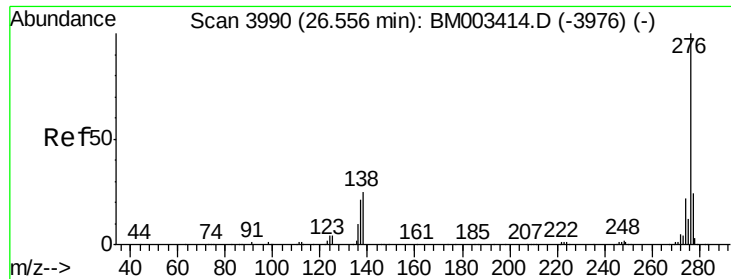
Delta R.T. -0.06 min

Lab File: BM003714.D

Acq: 22 Dec 2015 18:47

Tgt Ion:	278	Resp:	264879
Ion Ratio	Lower	Upper	
278	100		
139	17.8	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 46.08 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.06 min

Lab File: BM003714.D

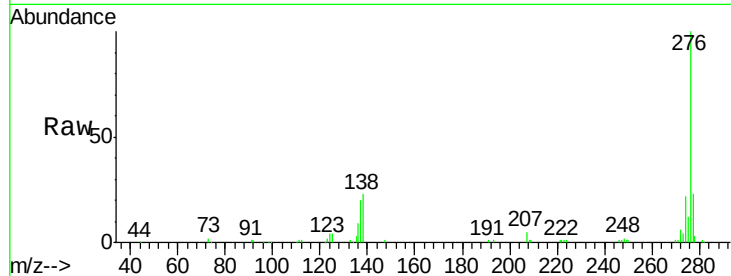
Acq: 22 Dec 2015 18:47

Instrument :

BNA_M

ClientSampleId :

PB87468BS



Tgt Ion:	276	Resp:	268035
Ion Ratio		Lower	Upper
276	100		
277	23.5	18.5	27.7
138	23.3	19.0	28.6

