

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003710.D
 Acq On : 22 Dec 2015 16:21
 Operator : UM/SJ
 Sample : PB87153BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Quant Time: Dec 22 23:31:49 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	43193	20.00	ng	-0.03
21) Naphthalene-d8	10.48	136	199560	20.00	ng	-0.04
38) Acenaphthene-d10	14.35	164	88174	20.00	ng	-0.02
63) Phenanthrene-d10	17.10	188	180217	20.00	ng	-0.02
75) Chrysene-d12	21.30	240	185843	20.00	ng	-0.02
86) Perylene-d12	23.54	264	158684	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	379262	156.11	ng	-0.02
7) Phenol-d6	6.87	99	419539	124.36	ng	-0.02
23) Nitrobenzene-d5	8.85	82	283802	88.18	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	128215	145.60	ng	-0.02
44) 2-Fluorobiphenyl	12.96	172	559301	86.42	ng	-0.03
78) Terphenyl-d14	19.73	244	660490	83.81	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	28276	28.05	ng	# 100
3) Pyridine	3.58	79	102631	36.34	ng	91
4) n-Nitrosodimethylamine	3.50	42	41018	45.37	ng	89
6) Aniline	7.03	93	151961	34.22	ng	96
8) 2-Chlorophenol	7.26	128	125820	40.90	ng	95
9) Benzaldehyde	6.83	77	23228	14.04	ng	99
10) Phenol	6.90	94	157718	44.06	ng	# 73
11) bis(2-Chloroethyl)ether	7.13	93	113488	39.19	ng	97
12) 1,3-Dichlorobenzene	7.58	146	130810	38.71	ng	98
13) 1,4-Dichlorobenzene	7.73	146	138337	39.70	ng	96
14) 1,2-Dichlorobenzene	8.05	146	130833	39.32	ng	95
15) Benzyl Alcohol	7.93	79	99963	42.82	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	117199	37.88	ng	93
17) 2-Methylphenol	8.14	107	105556	42.18	ng	97
18) Hexachloroethane	8.76	117	55031	45.97	ng	93
19) n-Nitroso-di-n-propylamine	8.50	70	84176	38.04	ng	89
20) 3+4-Methylphenols	8.47	107	133544	38.57	ng	96
22) Acetophenone	8.52	105	173686	35.51	ng	# 90
24) Nitrobenzene	8.89	77	141145	40.56	ng	93
25) Isophorone	9.42	82	222917	34.24	ng	97
26) 2-Nitrophenol	9.60	139	65944	37.47	ng	# 91
27) 2,4-Dimethylphenol	9.67	122	115626	37.73	ng	93
28) bis(2-Chloroethoxy)methane	9.90	93	141787	36.25	ng	98
29) 2,4-Dichlorophenol	10.13	162	109322	37.45	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	115165	35.33	ng	97
31) Naphthalene	10.53	128	409878	39.25	ng	100
32) Benzoic acid	9.81	122	54801	32.45	ng	97
33) 4-Chloroaniline	10.65	127	116244	26.97	ng	# 94
34) Hexachlorobutadiene	10.82	225	72913	37.72	ng	97
35) Caprolactam	11.42	113	30489	31.59	ng	# 76
36) 4-Chloro-3-methylphenol	11.78	107	116242	35.31	ng	88
37) 2-Methylnaphthalene	12.15	142	264409	36.91	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	123211	43.47	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	146356	92.56	ng	98

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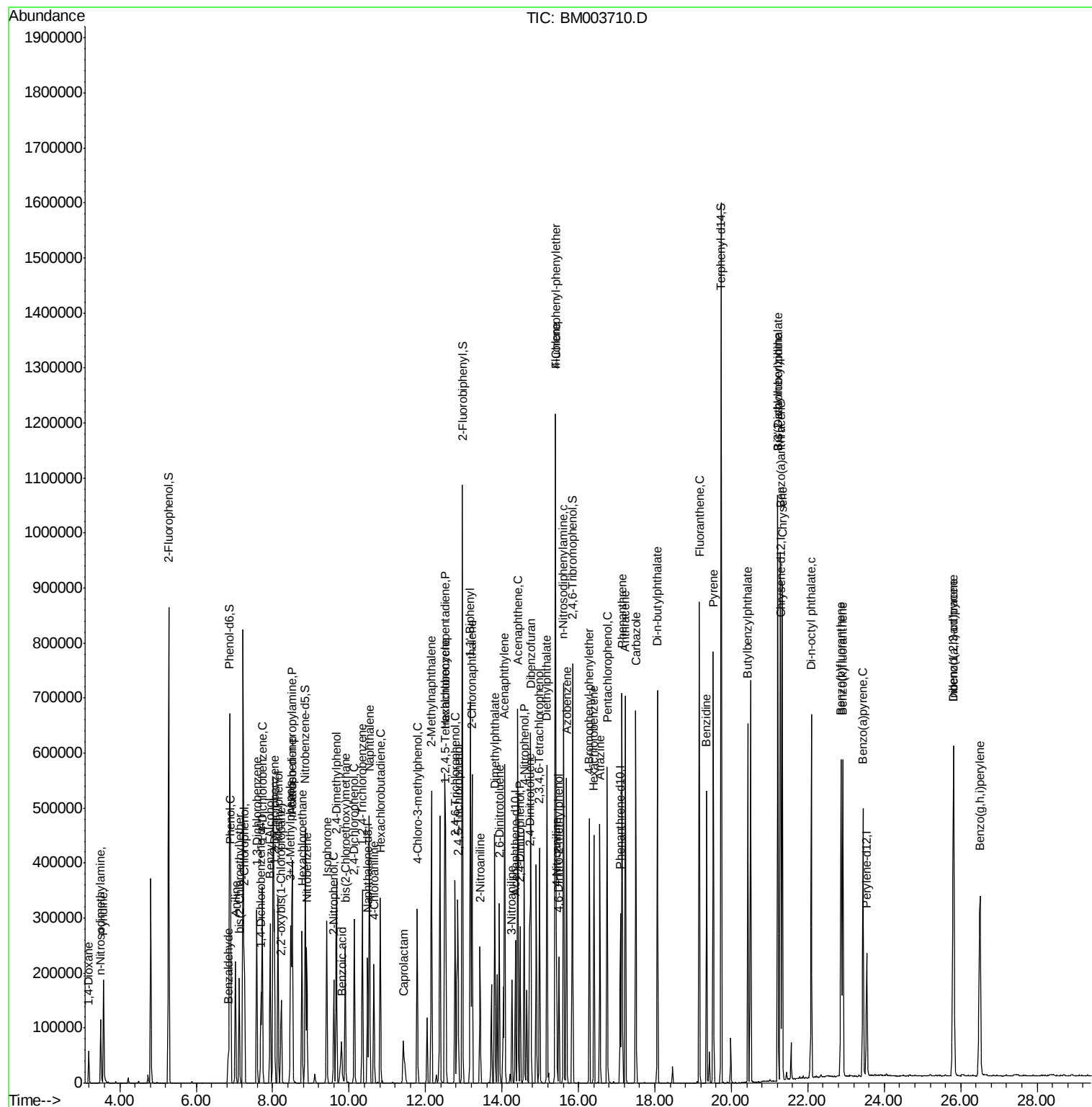
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	82138	44.43	ng	99
43) 2,4,5-Trichlorophenol	12.85	196	87076	44.81	ng #	89
45) 1,1'-Biphenyl	13.17	154	358509	45.85	ng	98
46) 2-Chloronaphthalene	13.22	162	266684	46.43	ng #	93
47) 2-Nitroaniline	13.43	65	64420	45.22	ng	100
48) Acenaphthylene	14.07	152	422183	44.09	ng	100
49) Dimethylphthalate	13.81	163	298760	41.12	ng	99
50) 2,6-Dinitrotoluene	13.93	165	71968	47.47	ng	95
51) Acenaphthene	14.41	154	233307	42.05	ng	100
52) 3-Nitroaniline	14.26	138	50583	32.60	ng #	82
53) 2,4-Dinitrophenol	14.47	184	64037	75.20	ng #	81
54) Dibenzofuran	14.75	168	415074	51.79	ng	94
55) 4-Nitrophenol	14.58	139	123631	96.50	ng	80
56) 2,4-Dinitrotoluene	14.72	165	99272	50.47	ng #	75
57) Fluorene	15.40	166	322490	48.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	14.98	232	81289	54.42	ng #	100
59) Diethylphthalate	15.17	149	333899	46.80	ng	98
60) 4-Chlorophenyl-phenylether	15.39	204	155226	46.21	ng	92
61) 4-Nitroaniline	15.43	138	74185	46.82	ng #	75
62) Azobenzene	15.69	77	307887	55.05	ng	97
64) 4,6-Dinitro-2-methylphenol	15.49	198	49773	45.78	ng	89
65) n-Nitrosodiphenylamine	15.61	169	278840	48.94	ng	99
66) 4-Bromophenyl-phenylether	16.29	248	83973	43.22	ng #	84
67) Hexachlorobenzene	16.40	284	87008	41.68	ng #	79
68) Atrazine	16.56	200	81521	45.88	ng	98
69) Pentachlorophenol	16.75	266	95519	80.15	ng	98
70) Phenanthrene	17.14	178	428186	42.34	ng	100
71) Anthracene	17.23	178	432572	43.05	ng	99
72) Carbazole	17.50	167	399535	45.64	ng	99
73) Di-n-butylphthalate	18.06	149	518743	50.69	ng	99
74) Fluoranthene	19.16	202	511898	49.08	ng	97
76) Benzidine	19.35	184	261751	43.96	ng	99
77) Pyrene	19.53	202	466765	35.81	ng	99
79) Butylbenzylphthalate	20.43	149	190129	37.88	ng	95
80) Benzo(a)anthracene	21.28	228	472673	42.42	ng	99
81) 3,3'-Dichlorobenzidine	21.22	252	116757	32.91	ng	98
82) Chrysene	21.33	228	424341	39.57	ng	100
83) Bis(2-ethylhexyl)phthalate	21.21	149	267044	38.80	ng	98
84) Di-n-octyl phthalate	22.09	149	451836	39.73	ng #	95
85) Indeno(1,2,3-cd)pyrene	25.81	276	411730	36.54	ng #	100
87) Benzo(b)fluoranthene	22.87	252	393472	40.79	ng	98
88) Benzo(k)fluoranthene	22.92	252	371825	39.49	ng	100
89) Benzo(a)pyrene	23.44	252	359975	39.68	ng #	98
90) Dibenzo(a,h)anthracene	25.81	278	342126	38.62	ng	99
91) Benzo(g,h,i)perylene	26.50	276	383922	42.90	ng	99

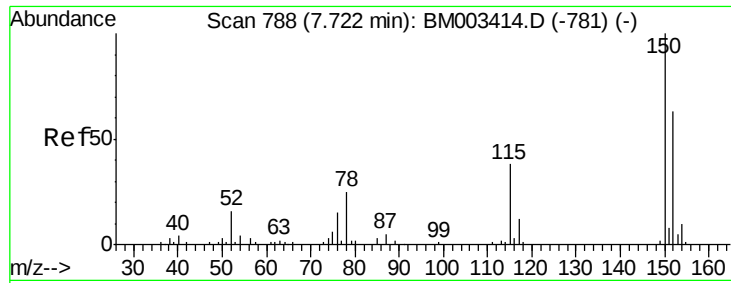
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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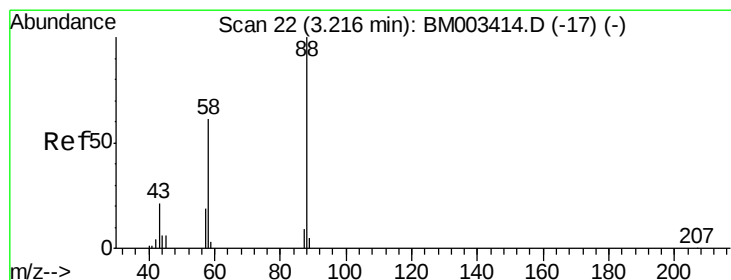
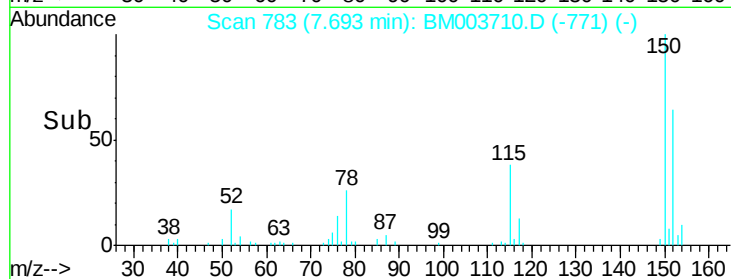
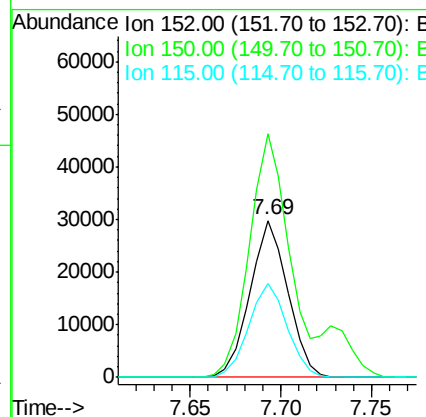
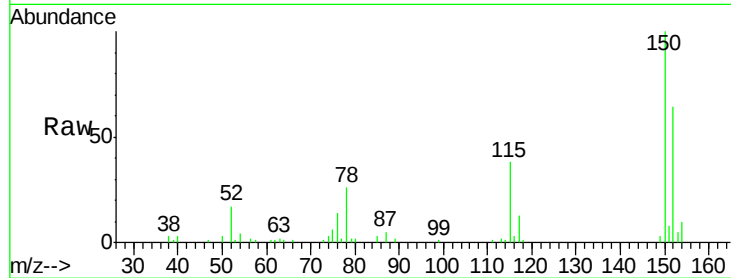




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

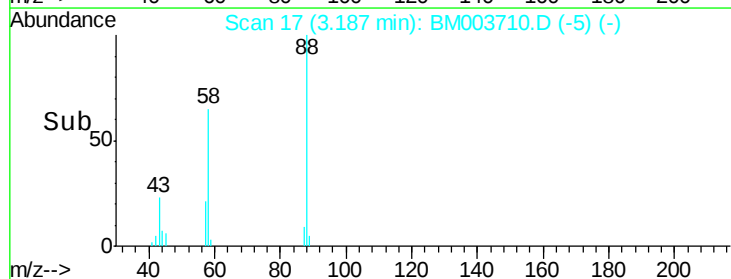
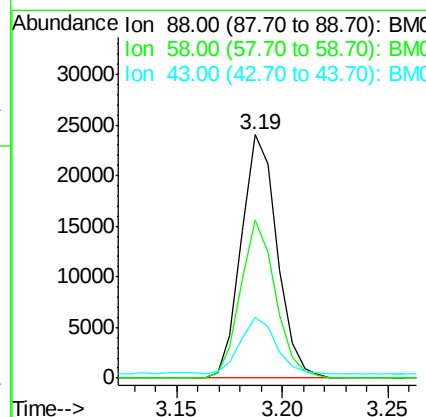
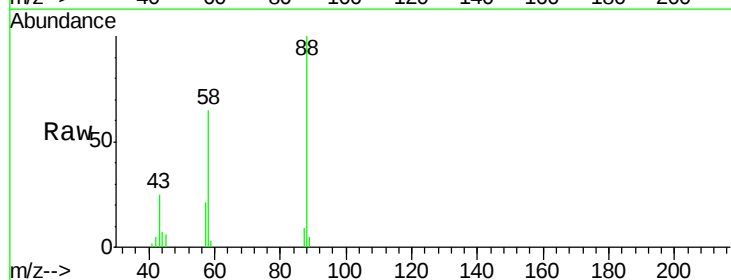
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

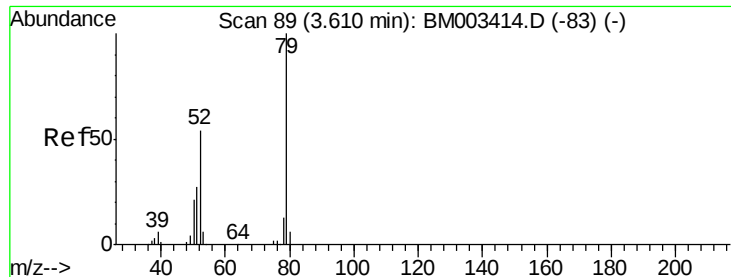
Tgt Ion:152 Resp: 43193
 Ion Ratio Lower Upper
 152 100
 150 155.1 119.5 179.3
 115 59.6 43.0 64.4



#2
 1,4-Dioxane
 Concen: 28.05 ng
 RT: 3.19 min Scan# 17
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion: 88 Resp: 28276
 Ion Ratio Lower Upper
 88 100
 58 63.4 0.0 0.0#
 43 24.4 0.0 0.0#





#3

Pyridine

Concen: 36.34 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.04 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

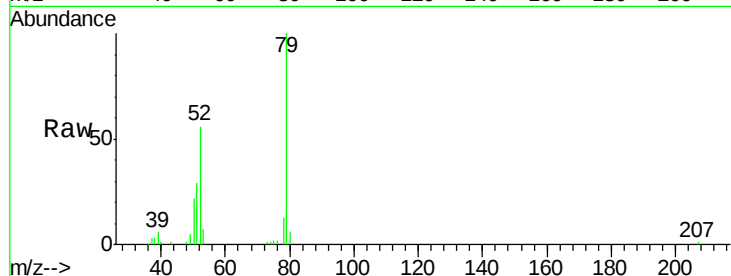
Tgt Ion: 79 Resp: 102631

Ion Ratio Lower Upper

79 100

52 56.4 51.1 76.7

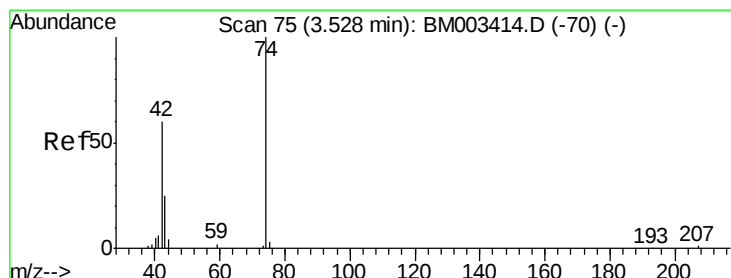
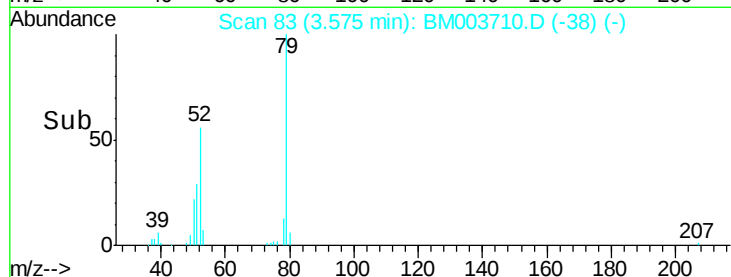
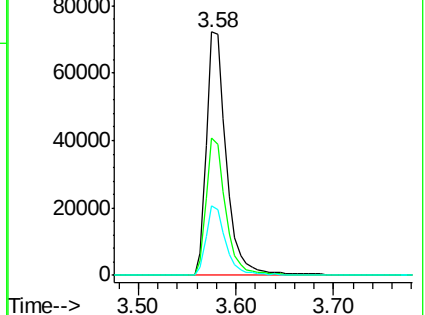
51 28.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003710.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003710.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003710.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 45.37 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

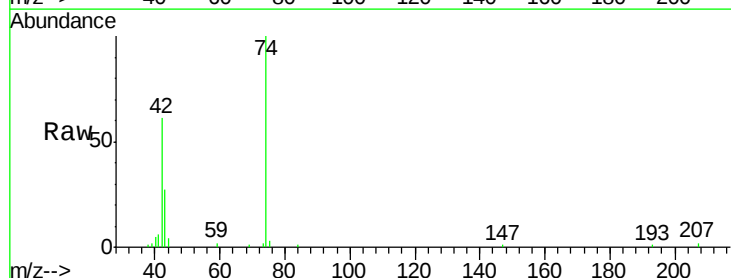
Tgt Ion: 42 Resp: 41018

Ion Ratio Lower Upper

42 100

74 164.0 119.3 178.9

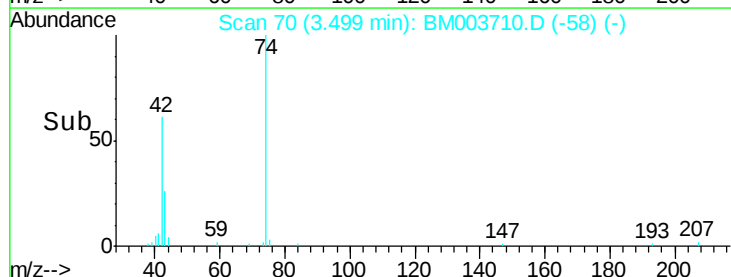
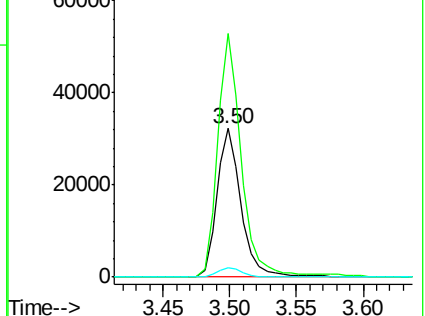
44 6.5 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM003710.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM003710.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM003710.D (-58) (-)





#5

2-Fluorophenol

Concen: 156.11 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

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ClientSampleId :

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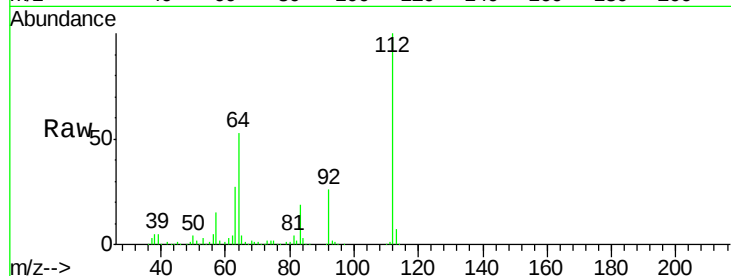
Tgt Ion: 112 Resp: 379262

Ion Ratio Lower Upper

112 100

64 52.6 38.6 57.8

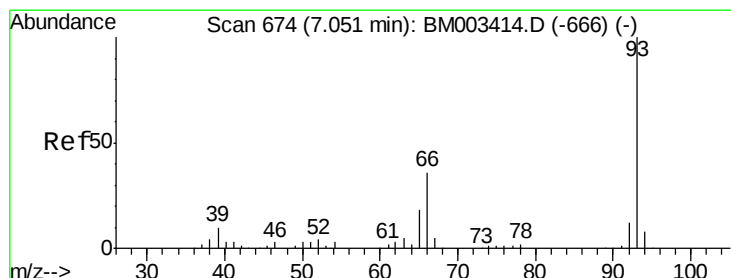
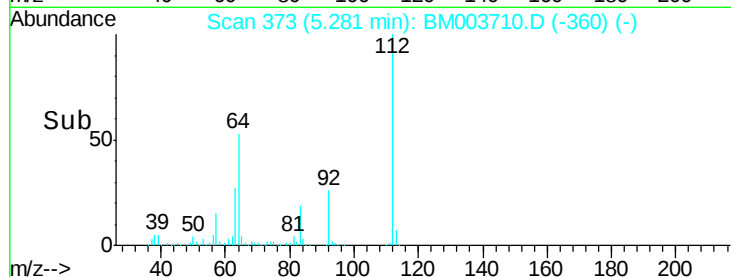
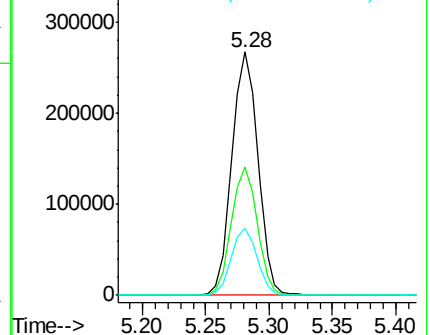
63 27.3 19.3 28.9



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: 34.22 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

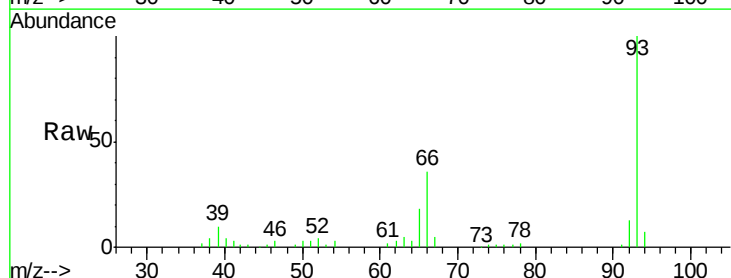
Tgt Ion: 93 Resp: 151961

Ion Ratio Lower Upper

93 100

66 36.4 30.8 46.2

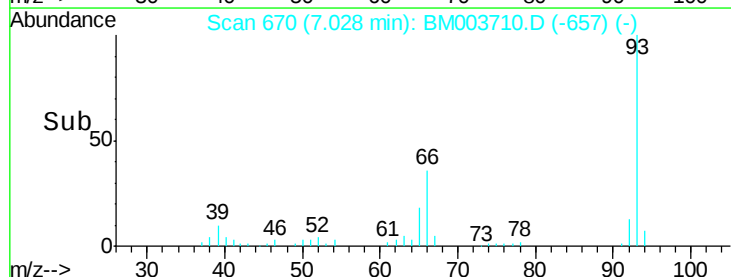
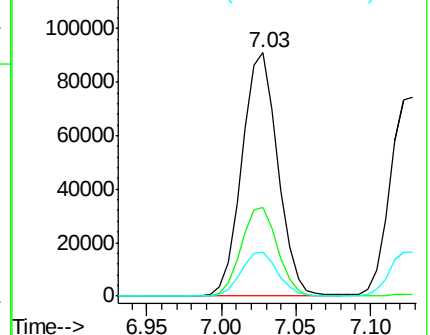
65 18.2 16.0 24.0

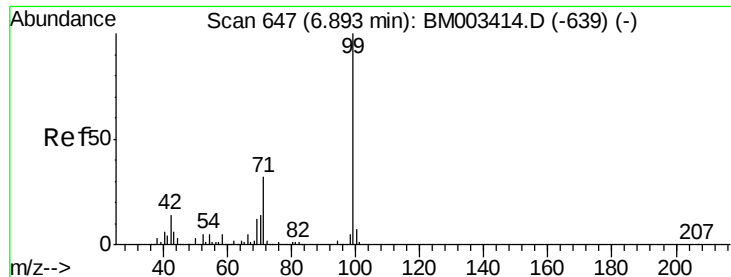


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 124.36 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

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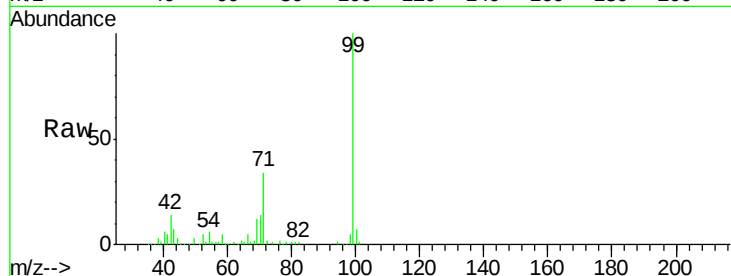
Tgt Ion: 99 Resp: 419539

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

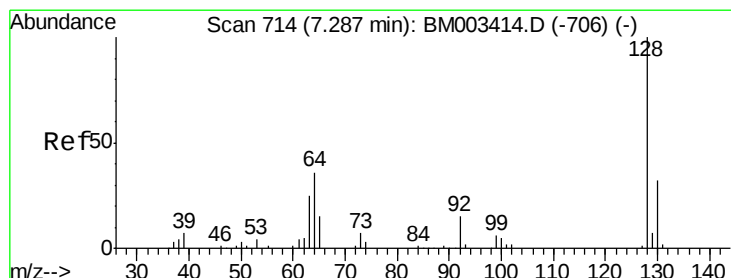
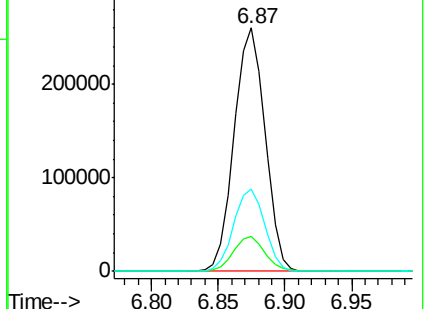
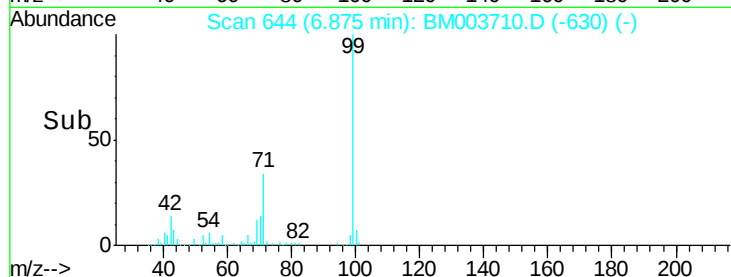
71 33.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003710.D (-697) (-)

Ion 42.00 (41.70 to 42.70): BM003710.D (-697) (-)

Ion 71.00 (70.70 to 71.70): BM003710.D (-697) (-)



#8

2-Chlorophenol

Concen: 40.90 ng

RT: 7.26 min Scan# 710

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

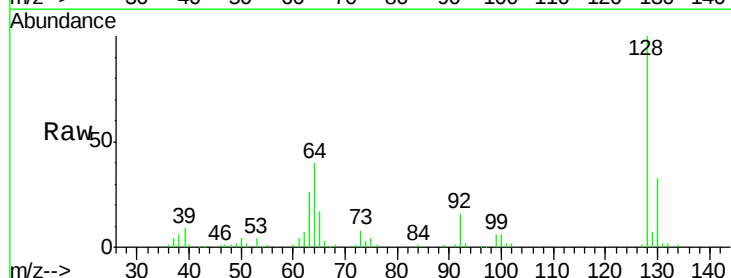
Tgt Ion: 128 Resp: 125820

Ion Ratio Lower Upper

128 100

130 32.8 12.0 52.0

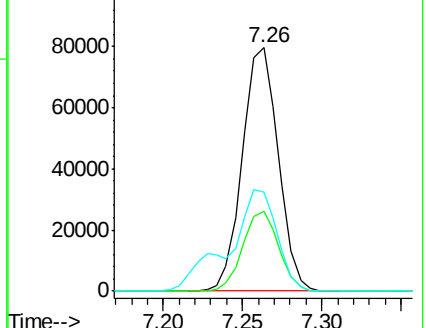
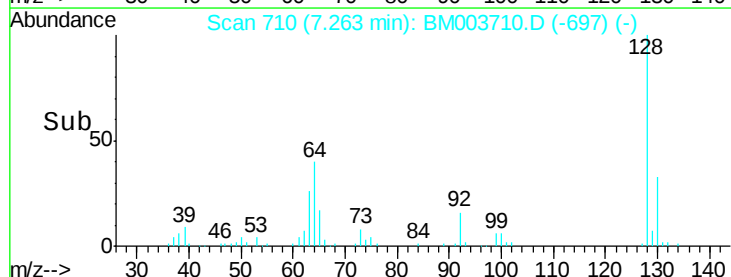
64 40.5 24.9 64.9

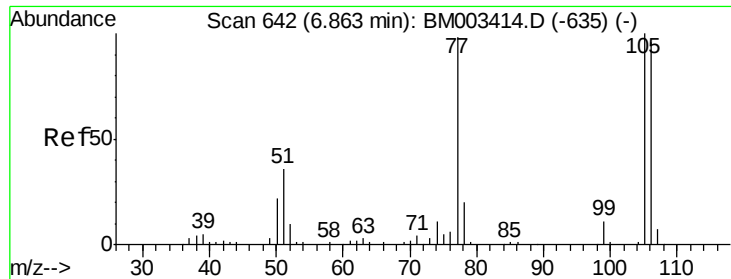


Abundance Ion 128.00 (127.70 to 128.70): BM003710.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003710.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003710.D (-697) (-)

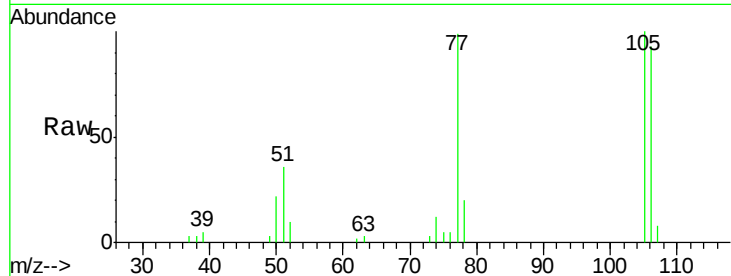




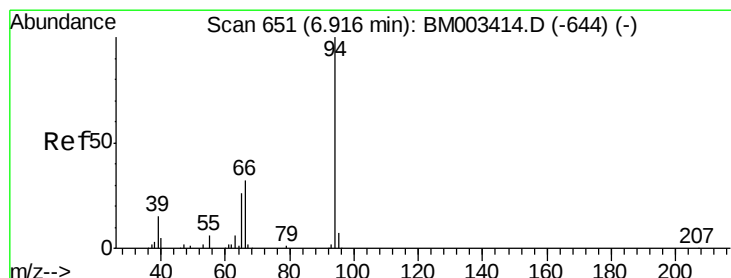
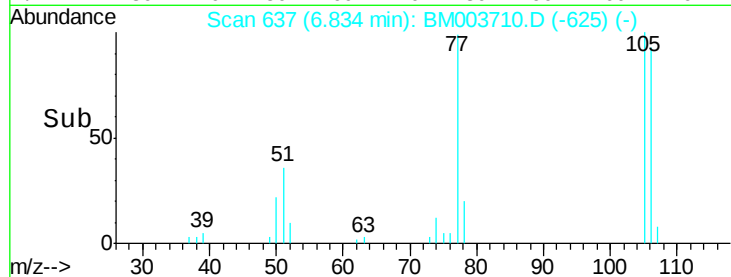
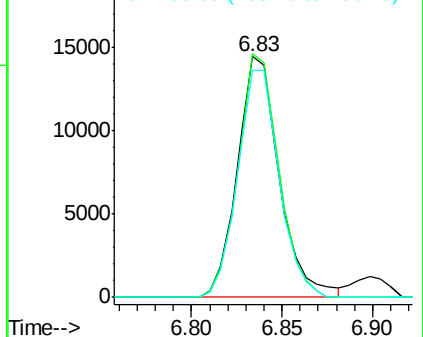
#9
Benzaldehyde
Concen: 14.04 ng
RT: 6.83 min Scan# 637
Delta R.T. -0.03 min
Lab File: BM003710.D
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Tgt Ion: 77 Resp: 23228
Ion Ratio Lower Upper
77 100
105 101.1 78.8 118.8
106 94.1 73.7 113.7

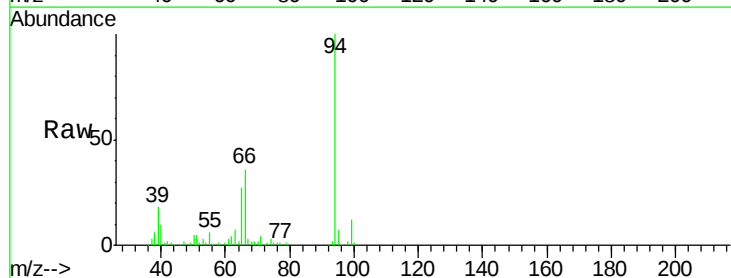


Abundance Ion 77.00 (76.70 to 77.70): BM003710.D (-625) (-)
Ion 105.00 (104.70 to 105.70): BM003710.D (-625) (-)
Ion 106.00 (105.70 to 106.70): BM003710.D (-625) (-)

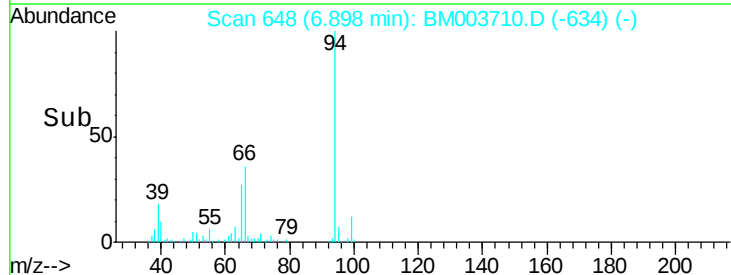
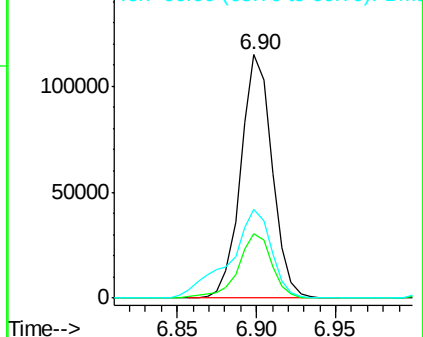


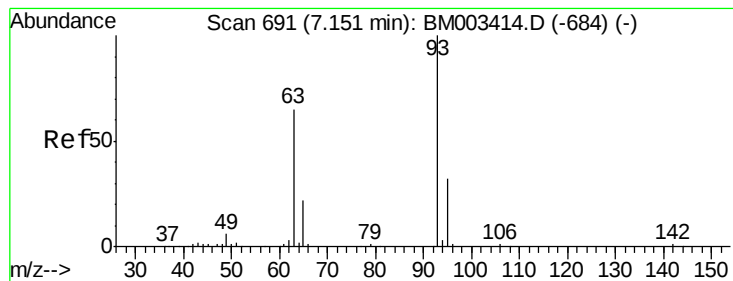
#10
Phenol
Concen: 44.06 ng
RT: 6.90 min Scan# 648
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion: 94 Resp: 157718
Ion Ratio Lower Upper
94 100
65 26.6 18.8 58.8
66 36.4 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BM003710.D (-634) (-)
Ion 65.00 (64.70 to 65.70): BM003710.D (-634) (-)
Ion 66.00 (65.70 to 66.70): BM003710.D (-634) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.19 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

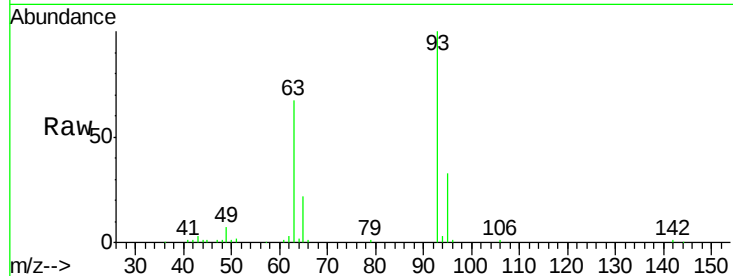
Tgt Ion: 93 Resp: 113488

Ion Ratio Lower Upper

93 100

63 66.8 49.5 89.5

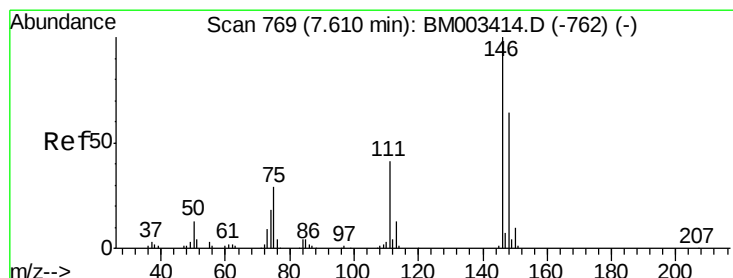
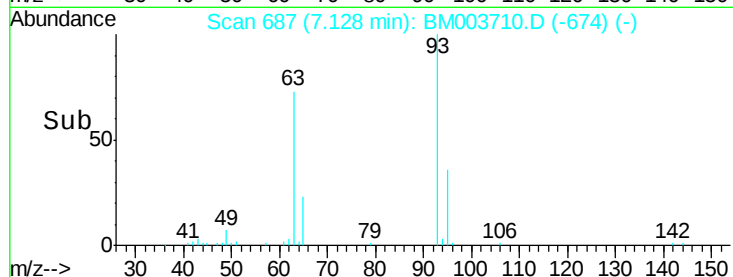
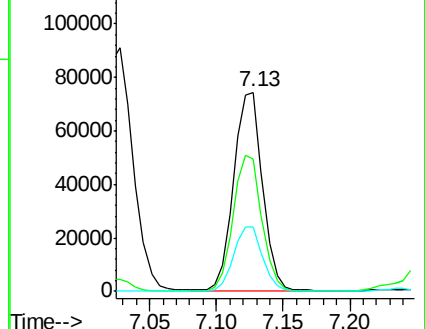
95 32.6 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM003710.D (-674) (-)

Ion 63.00 (62.70 to 63.70): BM003710.D (-674) (-)

Ion 95.00 (94.70 to 95.70): BM003710.D (-674) (-)



#12

1,3-Dichlorobenzene

Concen: 38.71 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

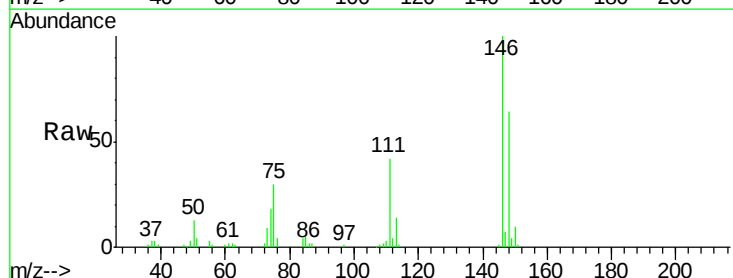
Tgt Ion: 146 Resp: 130810

Ion Ratio Lower Upper

146 100

148 63.9 50.9 76.3

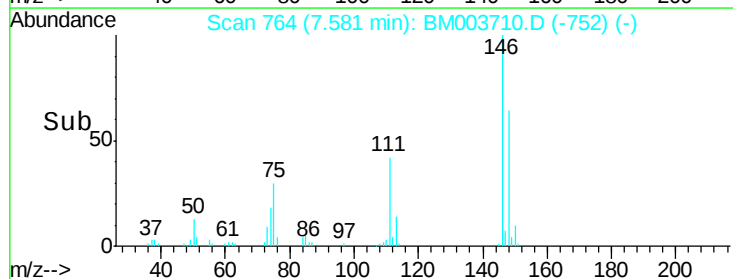
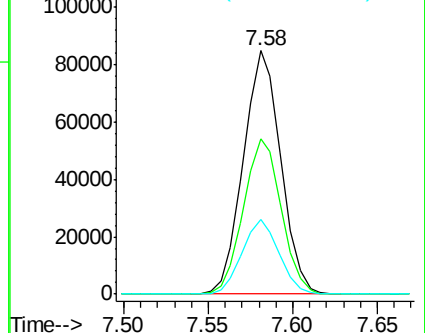
75 30.4 21.4 32.2

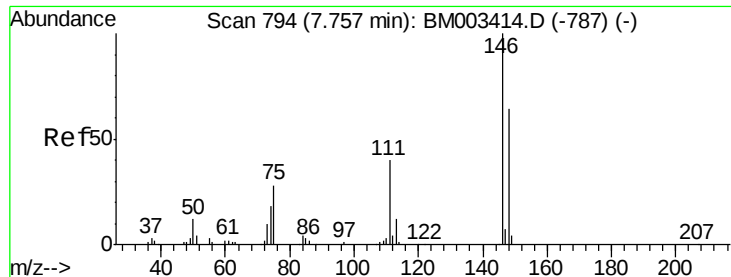


Abundance Ion 146.00 (145.70 to 146.70): BM003710.D (-752) (-)

Ion 148.00 (147.70 to 148.70): BM003710.D (-752) (-)

Ion 75.00 (74.70 to 75.70): BM003710.D (-752) (-)

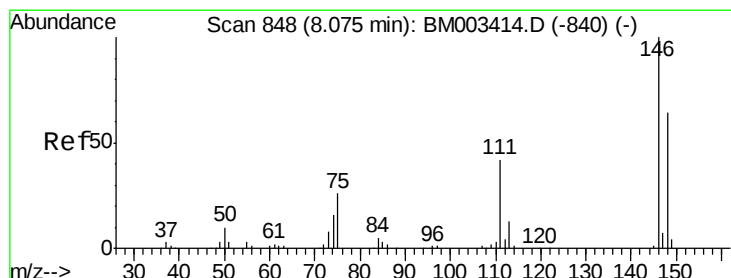
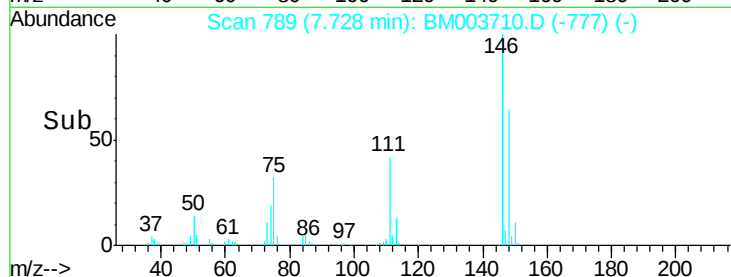
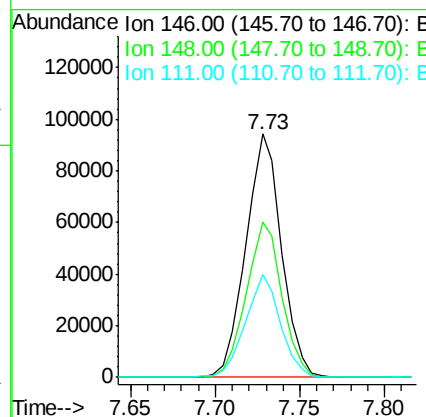
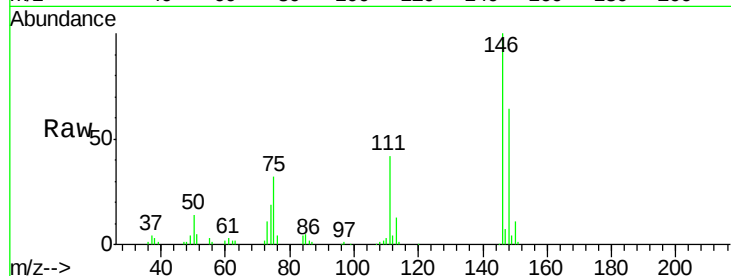




#13
 1,4-Dichlorobenzene
 Concen: 39.70 ng
 RT: 7.73 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

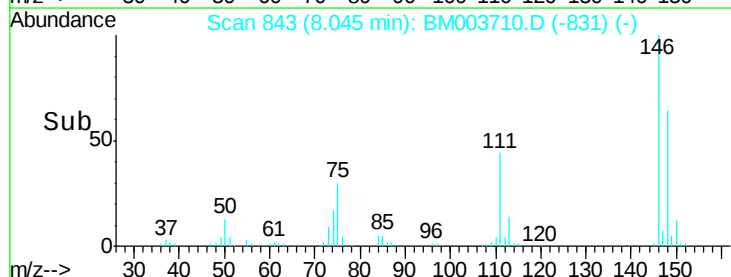
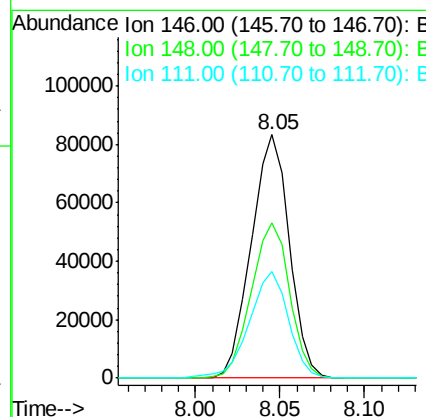
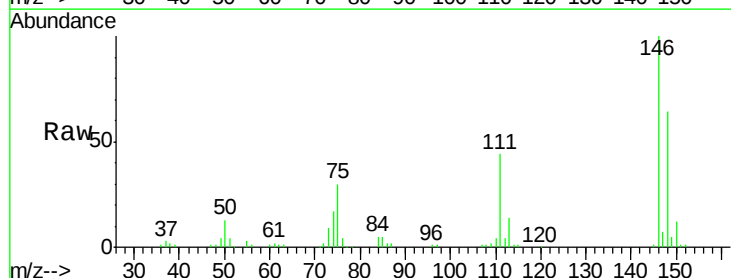
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

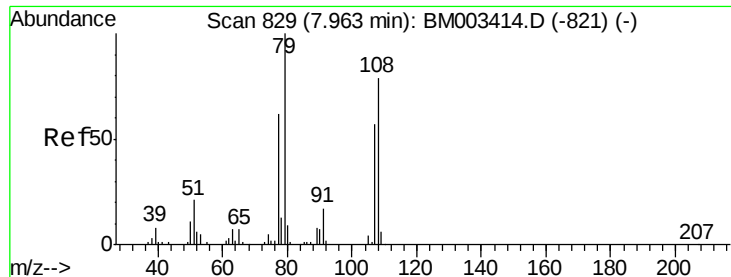
Tgt Ion:146 Resp: 138337
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.9 77.9
 111 42.0 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 39.32 ng
 RT: 8.05 min Scan# 843
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:146 Resp: 130833
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.3 78.5
 111 43.6 30.6 45.8





#15

Benzyl Alcohol

Concen: 42.82 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

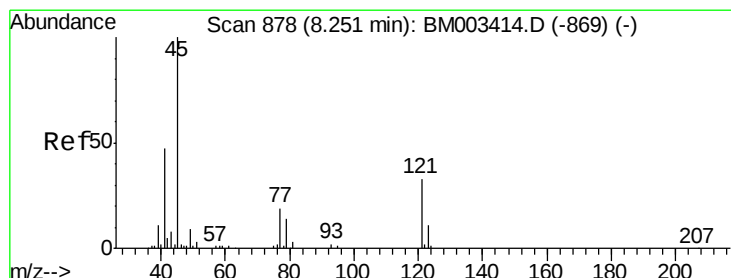
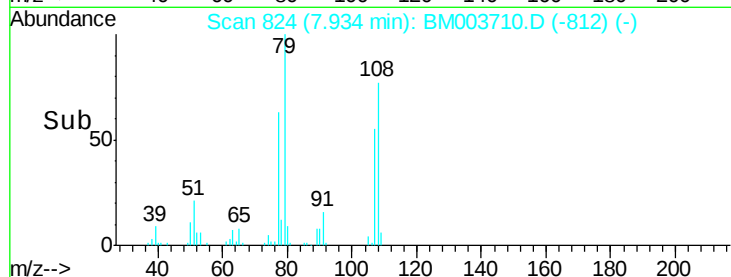
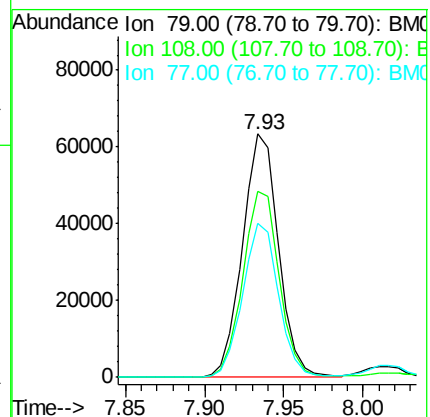
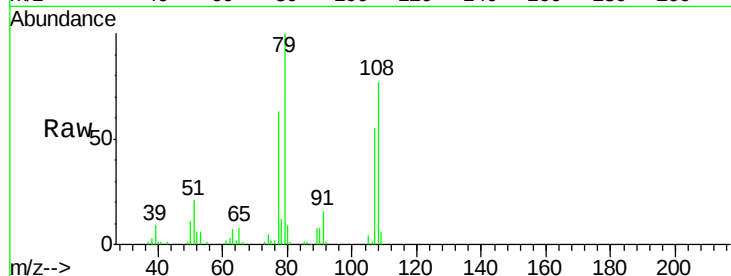
Tgt Ion: 79 Resp: 99963

Ion Ratio Lower Upper

79 100

108 76.7 65.0 97.4

77 63.4 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.88 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

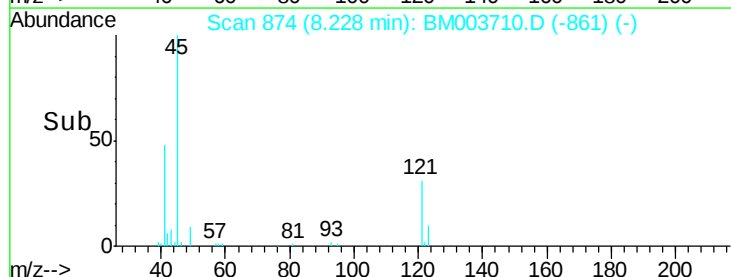
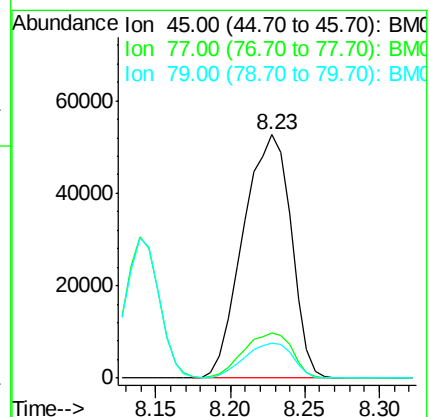
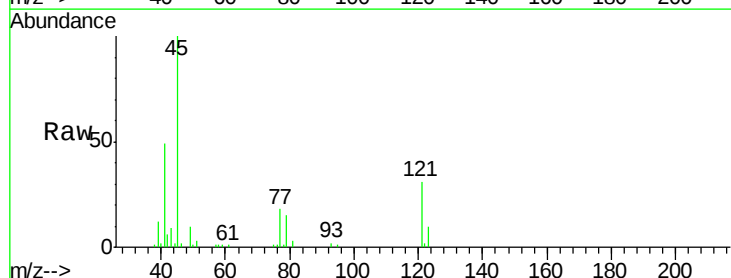
Tgt Ion: 45 Resp: 117199

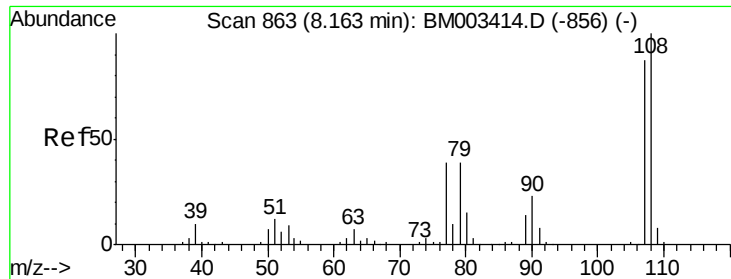
Ion Ratio Lower Upper

45 100

77 18.4 0.0 35.2

79 14.5 0.0 32.0

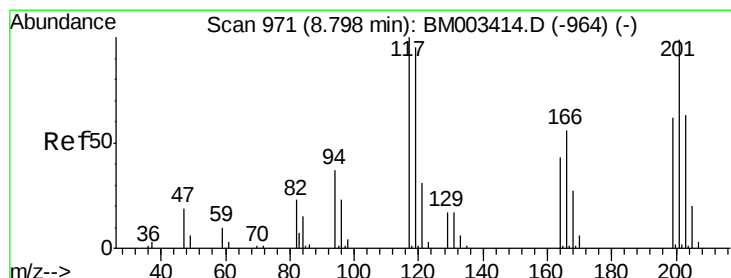
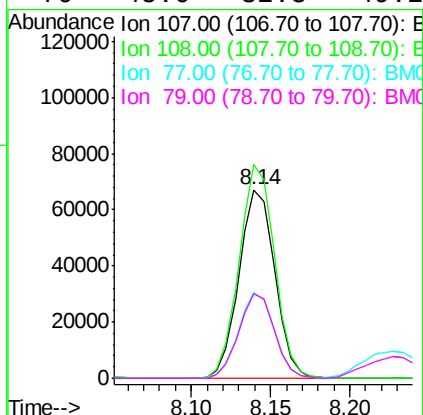
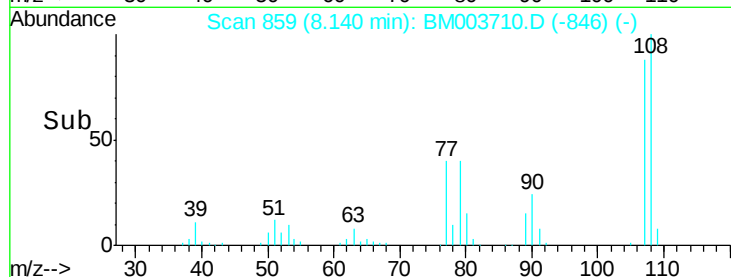
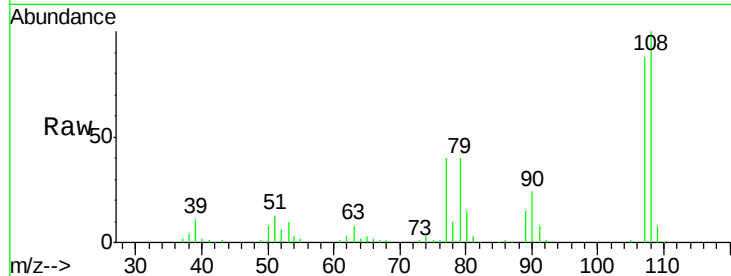




#17
2-Methylphenol
Concen: 42.18 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

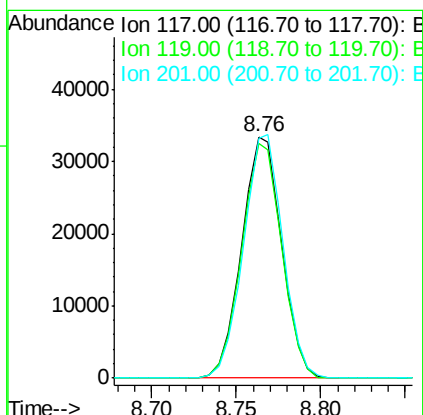
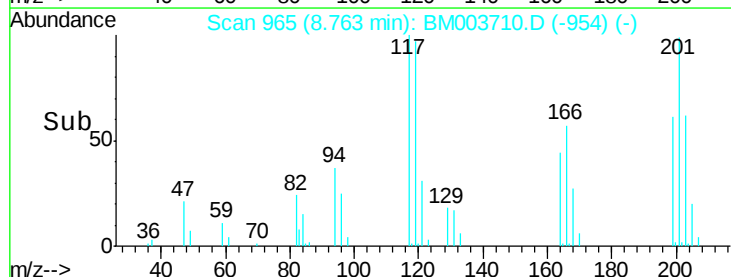
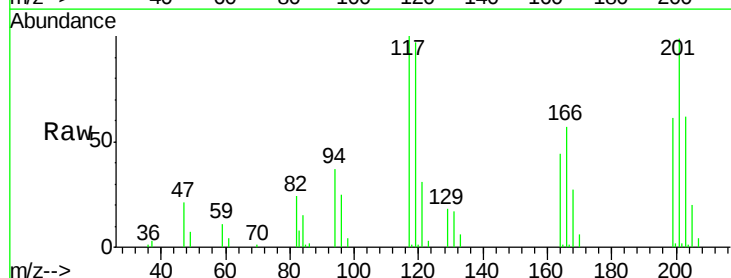
Instrument :
BNA_M
ClientSampleId :
PB87153BS

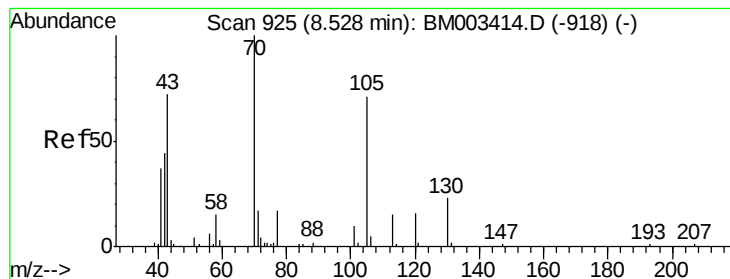
Tgt Ion:	107	Resp:	105556
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.8	134.8
77	45.4	32.6	48.8
79	45.0	32.8	49.2



#18
Hexachloroethane
Concen: 45.97 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.04 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion:	117	Resp:	55031
Ion	Ratio	Lower	Upper
117	100		
119	97.1	79.2	118.8
201	99.4	69.8	104.6





#19

n-Nitroso-di-n-propylamine

Concen: 38.04 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion: 70 Resp: 84176

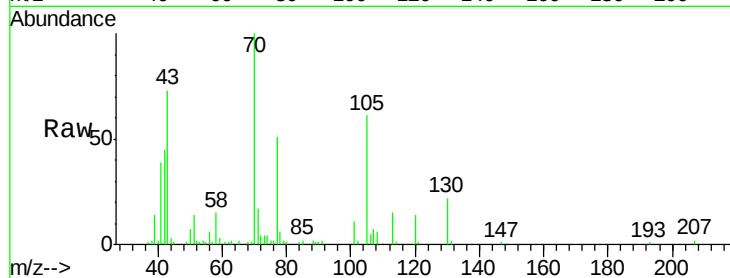
Ion Ratio Lower Upper

70 100

42 45.2 44.5 66.7

101 10.7 7.4 11.2

130 22.0 15.3 22.9



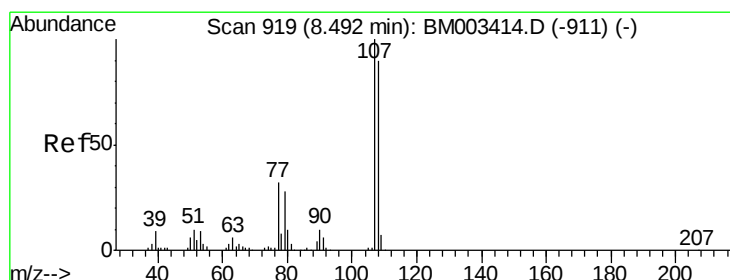
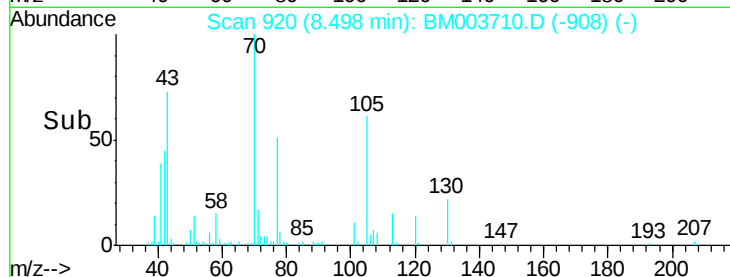
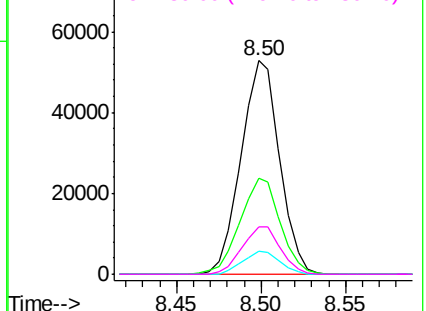
Abundance

Ion 70.00 (69.70 to 70.70): BM003710.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM003710.D (-908) (-)

Ion 101.00 (100.70 to 101.70): BM003710.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM003710.D (-908) (-)



#20

3+4-Methylphenols

Concen: 38.57 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Tgt Ion: 107 Resp: 133544

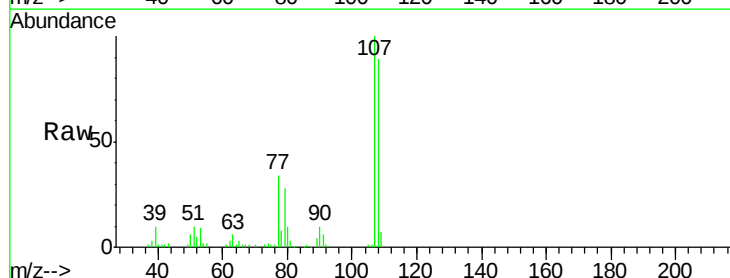
Ion Ratio Lower Upper

107 100

108 88.8 73.2 113.2

77 33.8 10.7 50.7

79 27.9 9.6 49.6



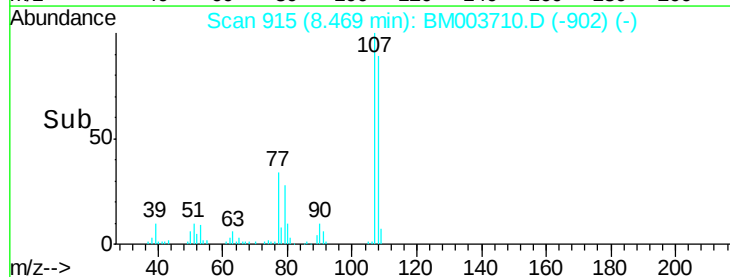
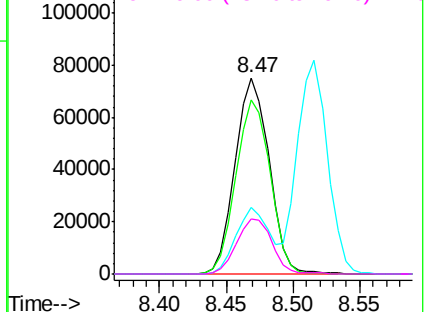
Abundance

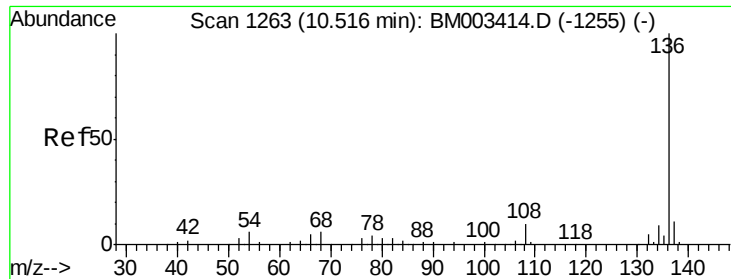
Ion 107.00 (106.70 to 107.70): BM003710.D (-902) (-)

Ion 108.00 (107.70 to 108.70): BM003710.D (-902) (-)

Ion 77.00 (76.70 to 77.70): BM003710.D (-902) (-)

Ion 79.00 (78.70 to 79.70): BM003710.D (-902) (-)

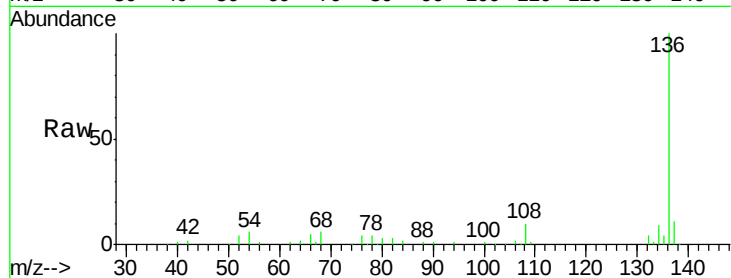




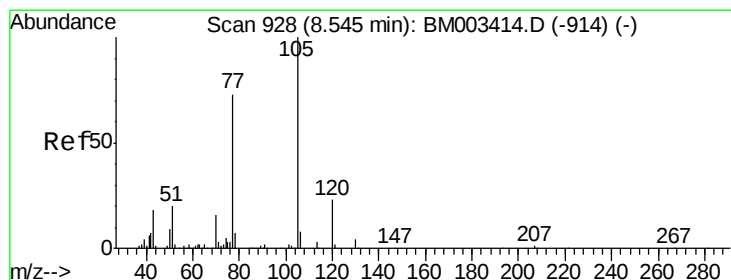
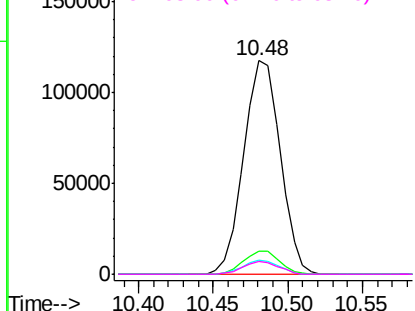
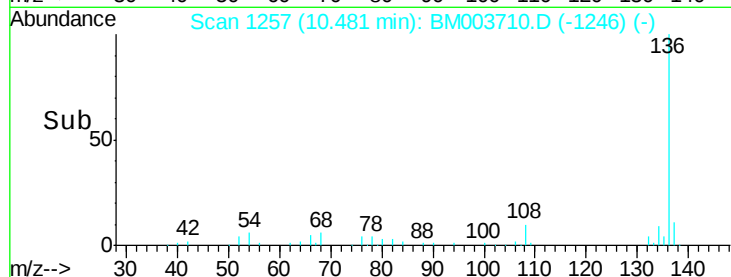
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.48 min Scan# 1257
Delta R.T. -0.04 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion:	136	Resp:	199560
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	6.4	4.6	6.8
68	6.1	3.7	5.5#

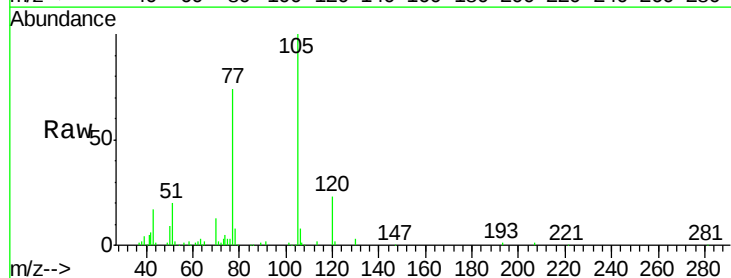


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

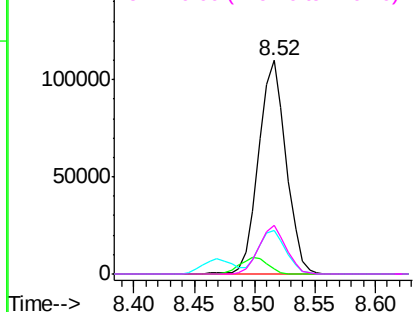
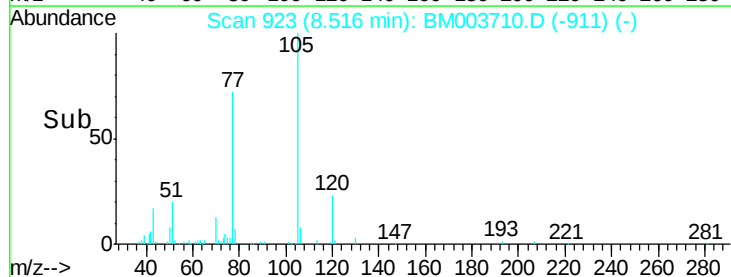


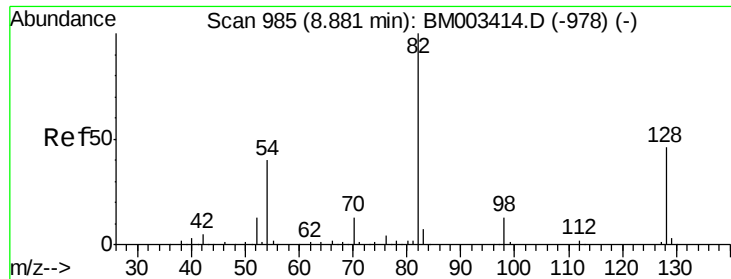
#22
Acetophenone
Concen: 35.51 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion:	105	Resp:	173686
Ion	Ratio	Lower	Upper
105	100		
71	2.2	0.6	1.0#
51	20.3	21.6	32.4#
120	22.6	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

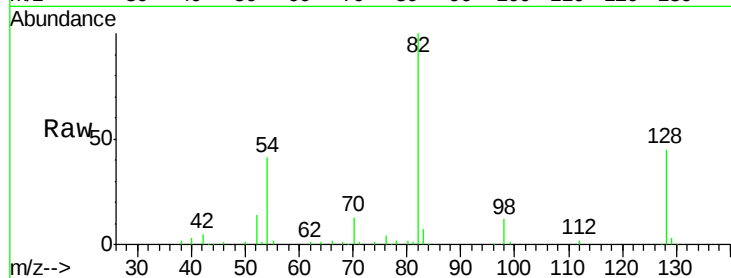




#23
 Nitrobenzene-d5
 Concen: 88.18 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Instrument :
 BNA_M
 ClientSampleID :
 PB87153BS

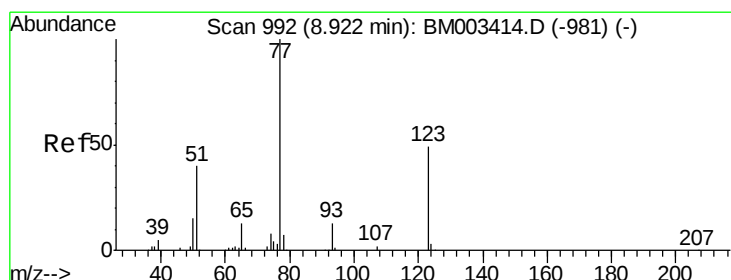
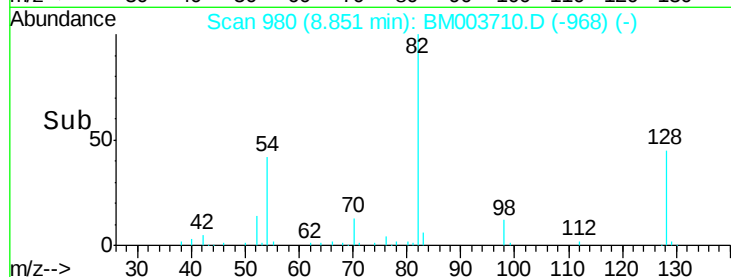
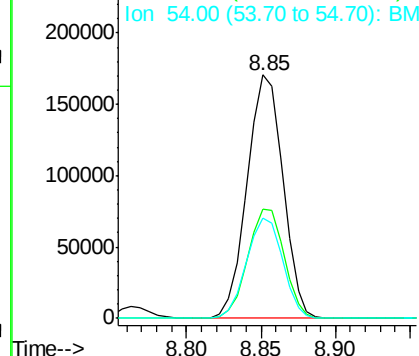
Tgt Ion	Ratio	Lower	Upper
82	100		
128	44.6	32.8	49.2
54	41.4	40.6	60.8



Abundance Ion 82.00 (81.70 to 82.70): BM003710.D (-968) (-)

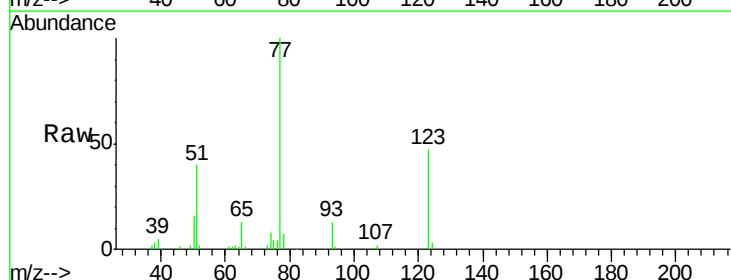
Ion 128.00 (127.70 to 128.70): BM003710.D (-968) (-)

Ion 54.00 (53.70 to 54.70): BM003710.D (-968) (-)



#24
 Nitrobenzene
 Concen: 40.56 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

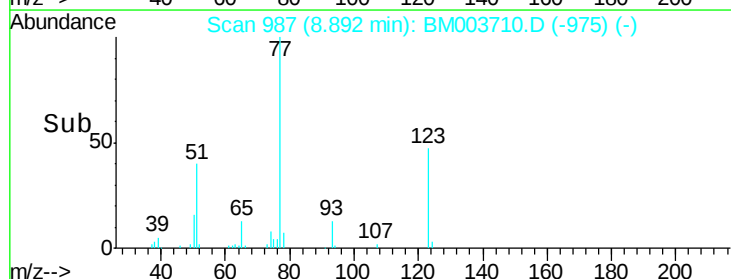
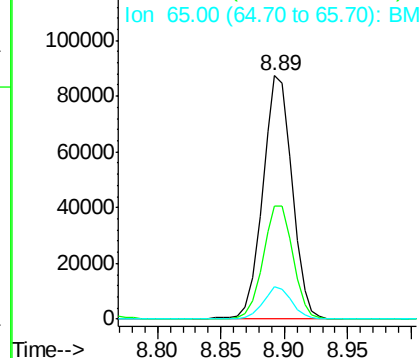
Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.7	32.6	49.0
65	13.1	10.9	16.3

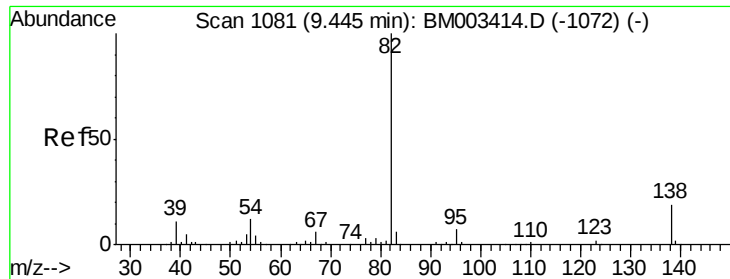


Abundance Ion 77.00 (76.70 to 77.70): BM003710.D (-975) (-)

Ion 123.00 (122.70 to 123.70): BM003710.D (-975) (-)

Ion 65.00 (64.70 to 65.70): BM003710.D (-975) (-)





#25

Isophorone

Concen: 34.24 ng

RT: 9.42 min Scan# 1076

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

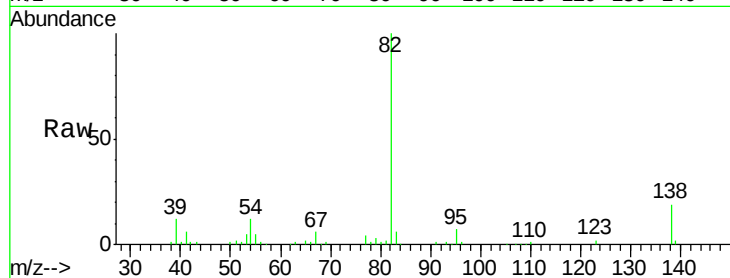
Tgt Ion: 82 Resp: 222917

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

138 18.7 16.3 24.5

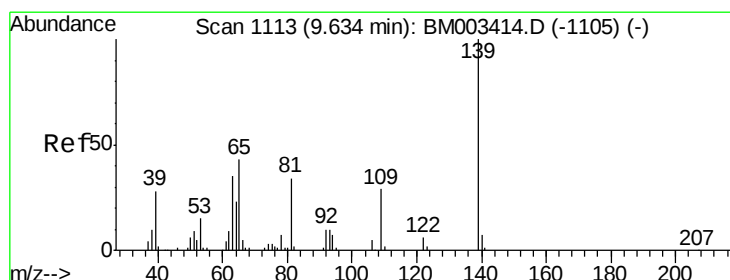
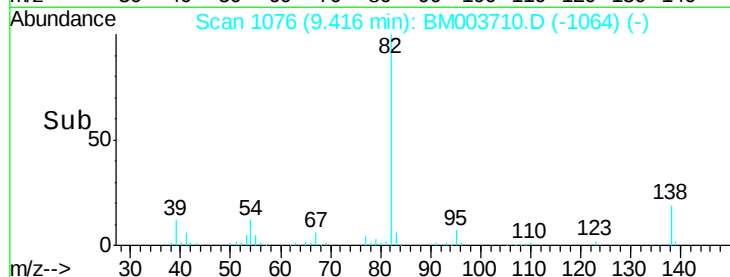


Abundance Ion 82.00 (81.70 to 82.70): BM003710.D (-1072) (-)

Ion 95.00 (94.70 to 95.70): BM003710.D (-1072) (-)

Ion 138.00 (137.70 to 138.70): BM003710.D (-1072) (-)

Time-->



#26

2-Nitrophenol

Concen: 37.47 ng

RT: 9.60 min Scan# 1108

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

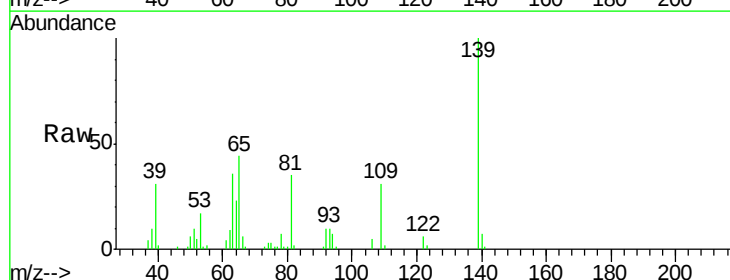
Tgt Ion: 139 Resp: 65944

Ion Ratio Lower Upper

139 100

109 30.8 20.1 30.1#

65 44.2 31.5 47.3

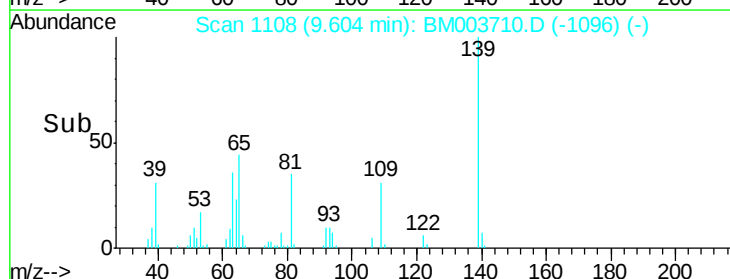


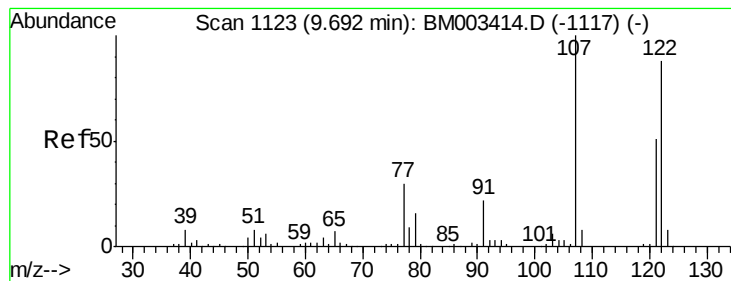
Abundance Ion 139.00 (138.70 to 139.70): BM003710.D (-1096) (-)

Ion 109.00 (108.70 to 109.70): BM003710.D (-1096) (-)

Ion 65.00 (64.70 to 65.70): BM003710.D (-1096) (-)

Time-->

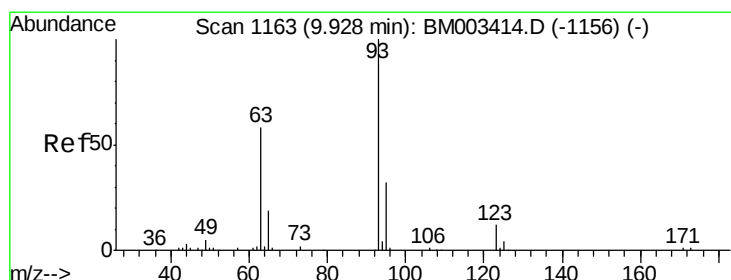
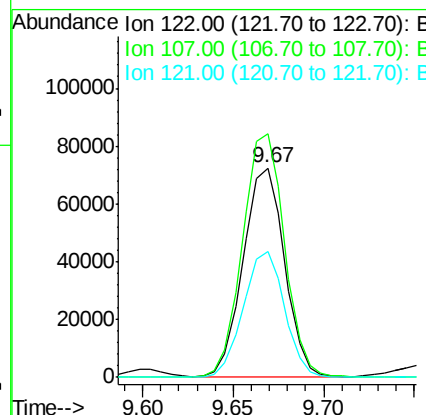
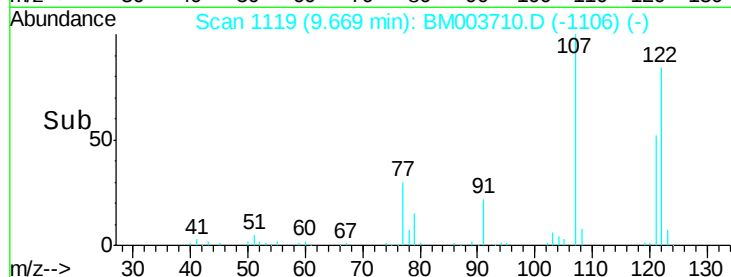
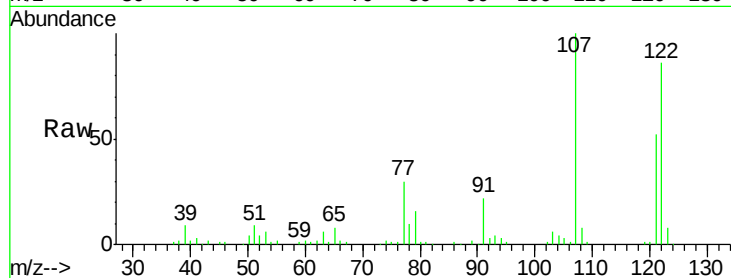




#27
 2,4-Dimethylphenol
 Concen: 37.73 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

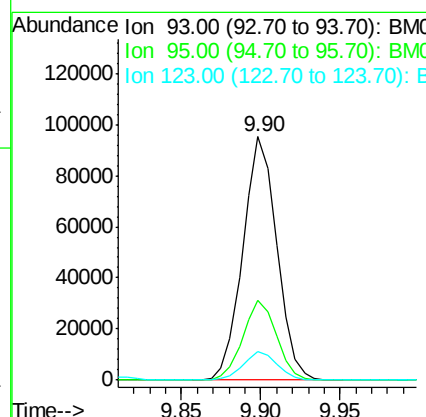
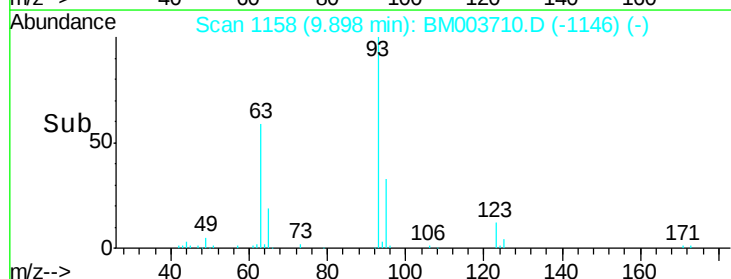
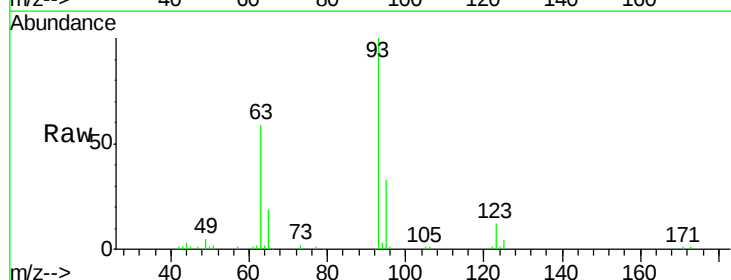
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

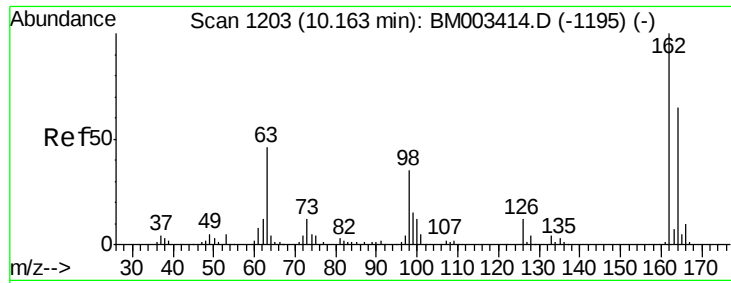
Tgt Ion: 122 Resp: 115626
 Ion Ratio Lower Upper
 122 100
 107 116.1 84.7 127.1
 121 59.9 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.25 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion: 93 Resp: 141787
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.5 38.3
 123 12.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 37.45 ng

RT: 10.13 min Scan# 1198

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

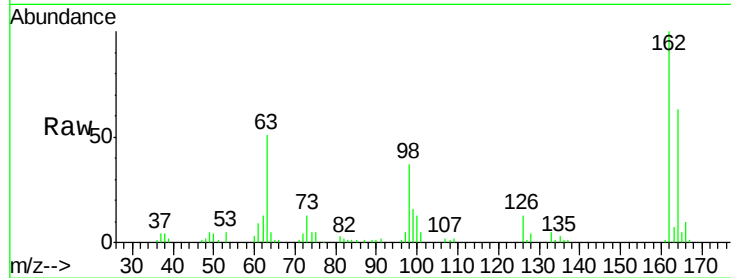
Tgt Ion:162 Resp: 109322

Ion Ratio Lower Upper

162 100

164 63.0 42.8 82.8

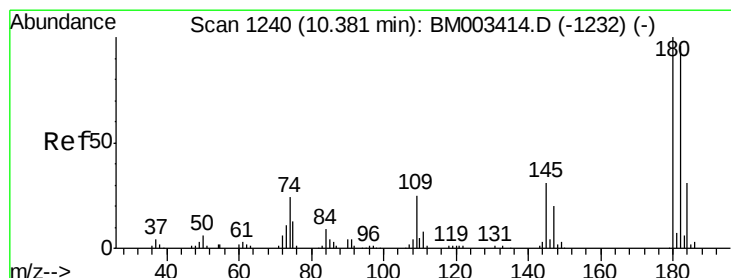
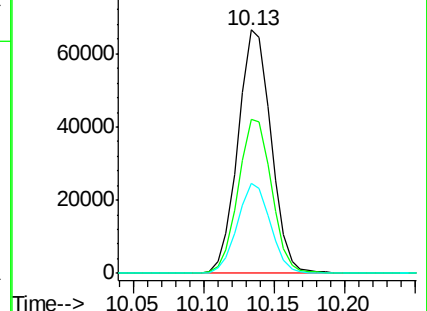
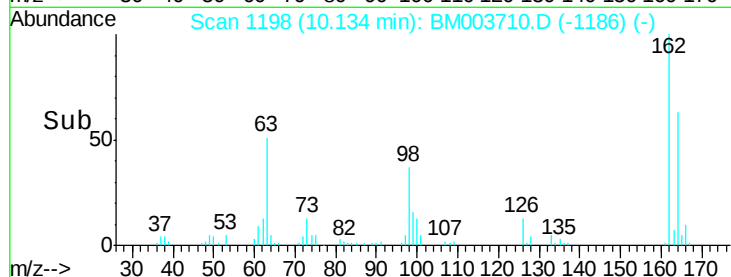
98 37.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 35.33 ng

RT: 10.35 min Scan# 1234

Delta R.T. -0.04 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

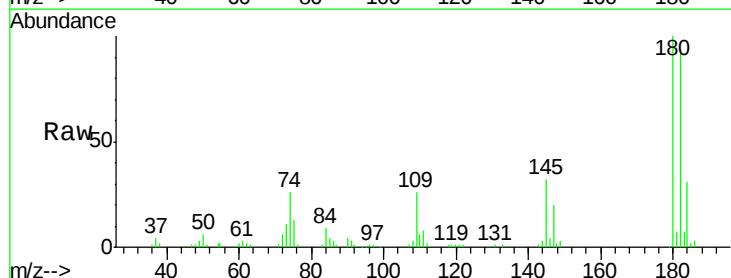
Tgt Ion:180 Resp: 115165

Ion Ratio Lower Upper

180 100

182 94.3 77.6 116.4

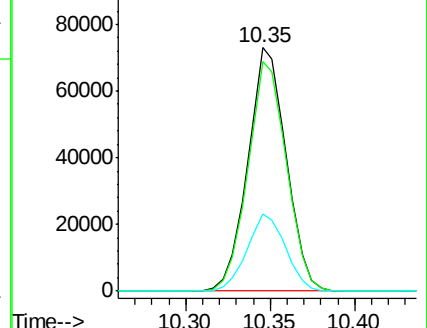
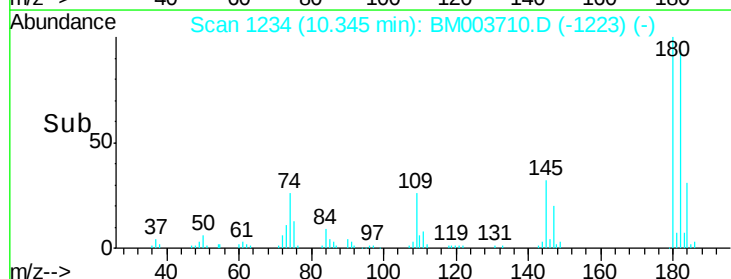
145 31.7 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.25 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

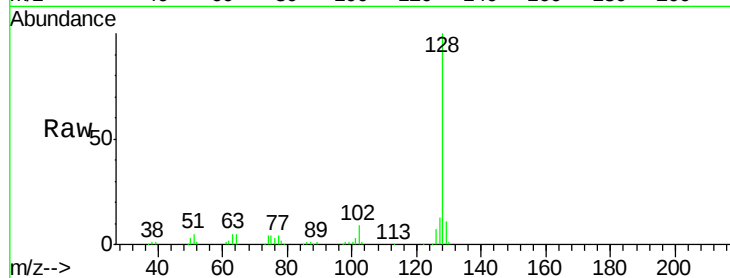
Tgt Ion:128 Resp: 409878

Ion Ratio Lower Upper

128 100

129 11.0 8.9 13.3

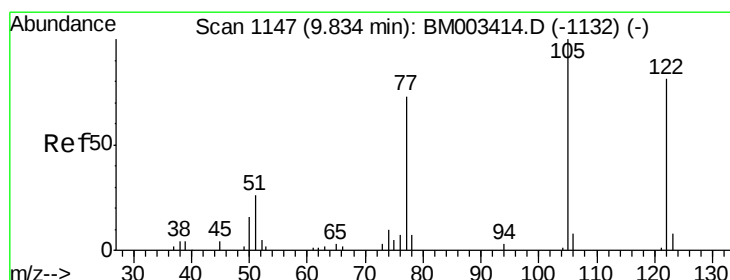
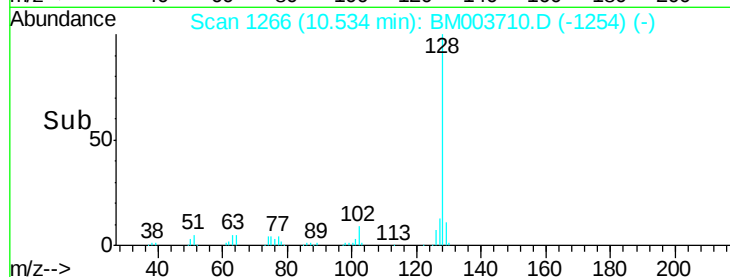
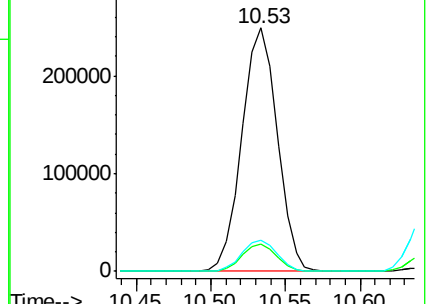
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 32.45 ng

RT: 9.81 min Scan# 1143

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

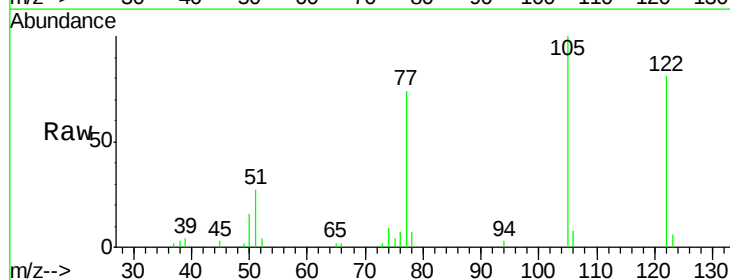
Tgt Ion:122 Resp: 54801

Ion Ratio Lower Upper

122 100

105 123.1 99.9 139.9

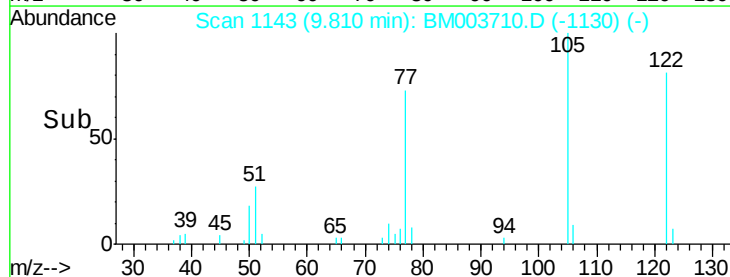
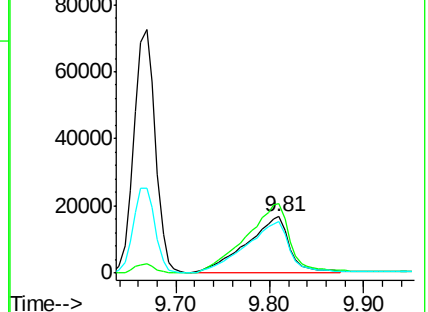
77 90.6 73.7 113.7

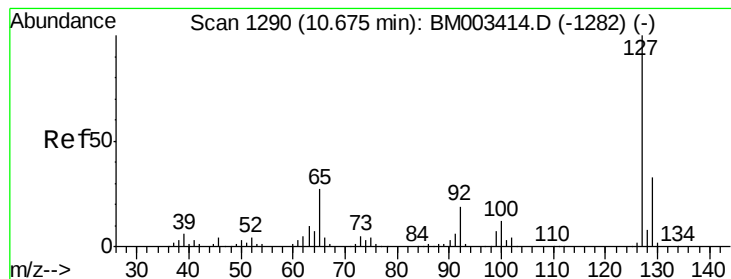


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E





#33

4-Chloroaniline

Concen: 26.97 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

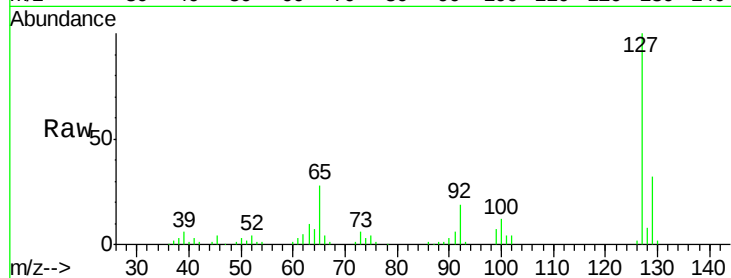
Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion:	127	Resp:	116244
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.3	37.9
65	28.0	17.6	26.4
92	19.4	13.1	19.7

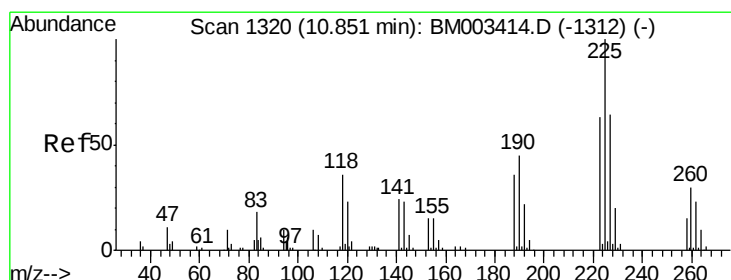
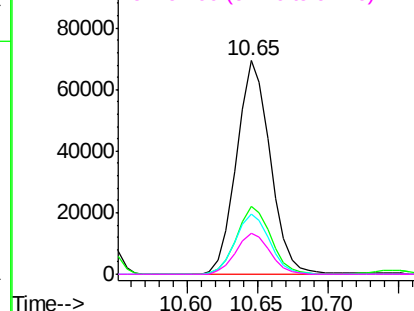
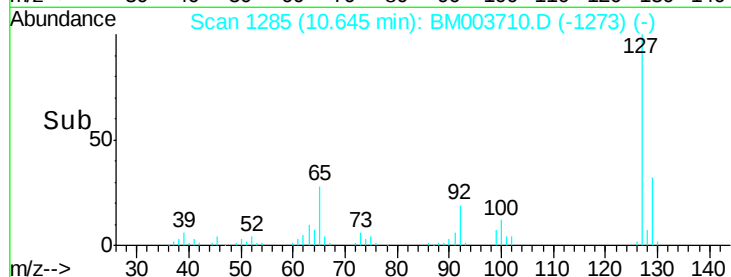


Abundance Ion 127.00 (126.70 to 127.70): E

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: 37.72 ng

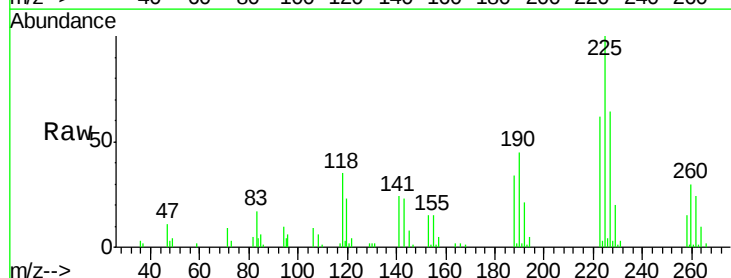
RT: 10.82 min Scan# 1315

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

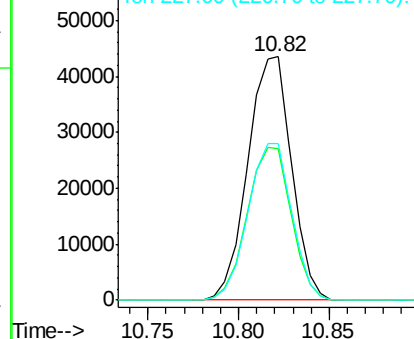
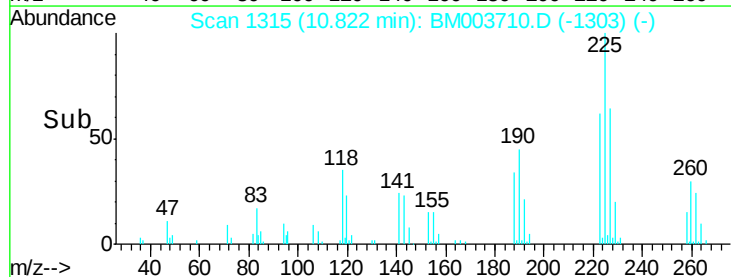
Tgt Ion:	225	Resp:	72913
Ion	Ratio	Lower	Upper
225	100		
223	62.3	47.9	71.9
227	64.4	50.1	75.1

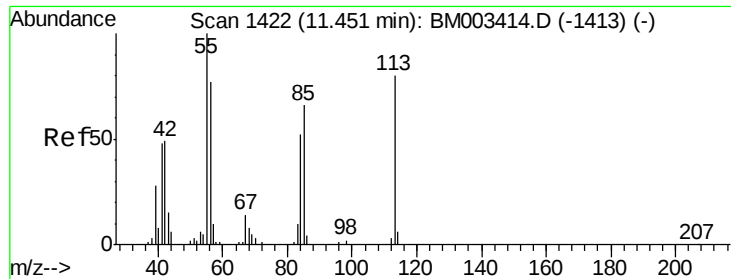


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 31.59 ng

RT: 11.42 min Scan# 1416

Delta R.T. -0.04 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

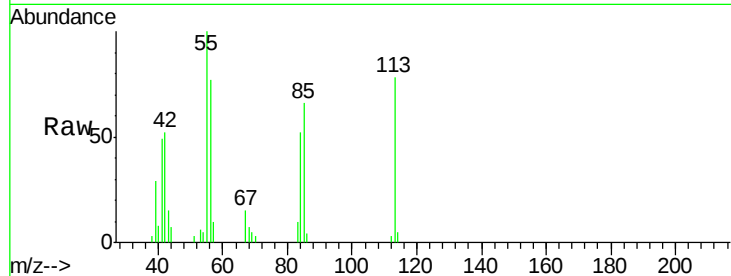
Tgt Ion:113 Resp: 30489

Ion Ratio Lower Upper

113 100

55 128.2 145.9 185.9#

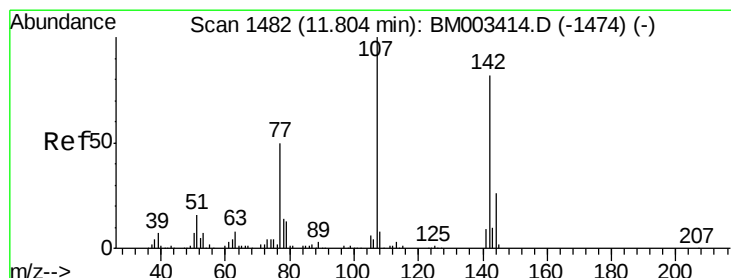
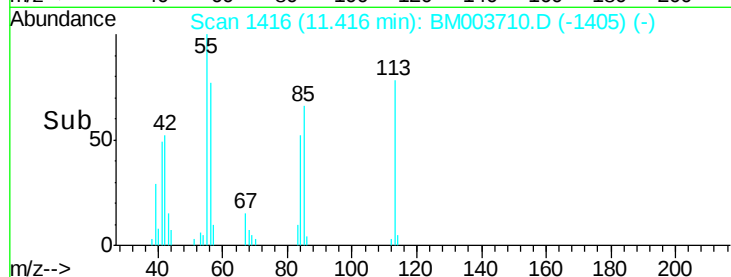
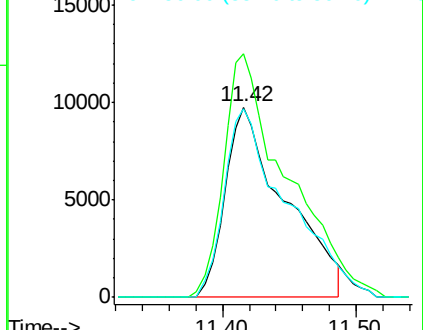
56 99.3 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 35.31 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

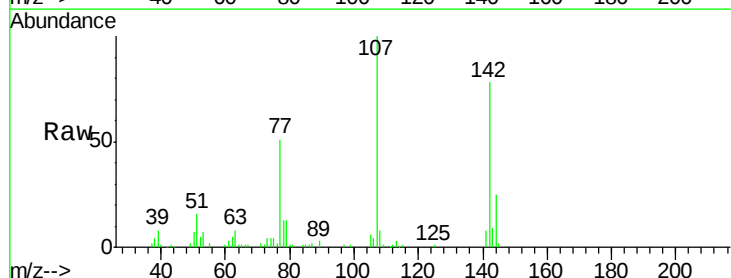
Tgt Ion:107 Resp: 116242

Ion Ratio Lower Upper

107 100

144 24.7 23.3 34.9

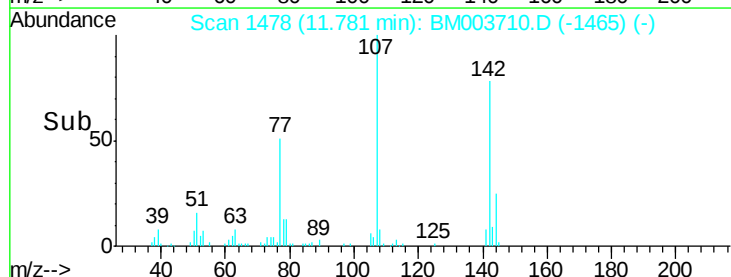
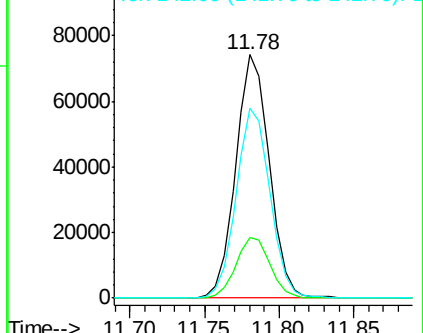
142 78.0 72.6 109.0

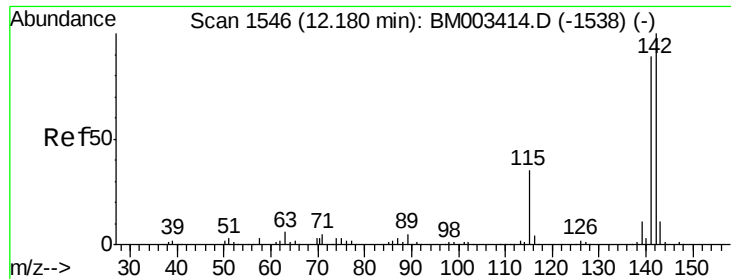


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

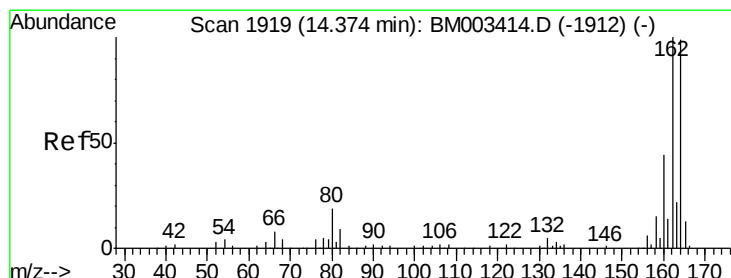
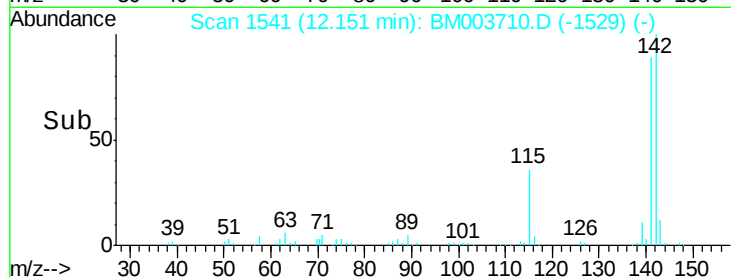
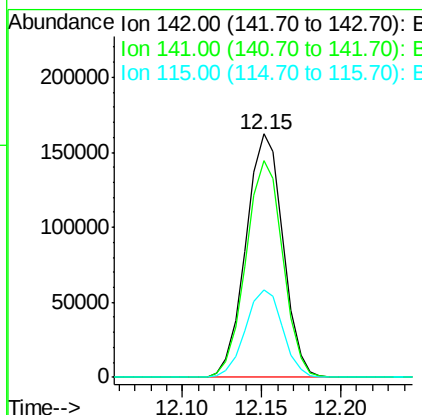
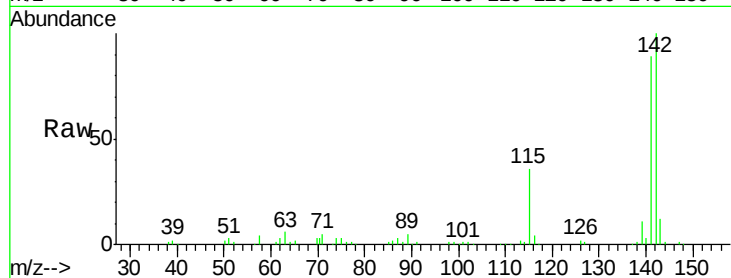




#37
 2-Methylnaphthalene
 Concen: 36.91 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

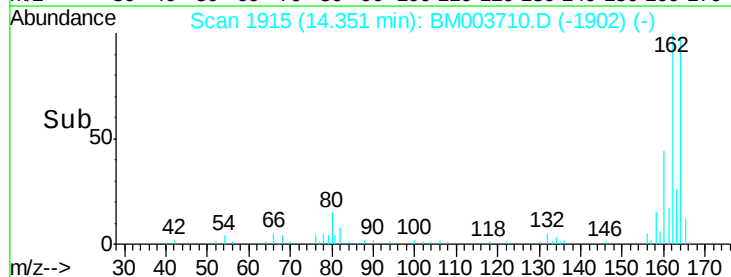
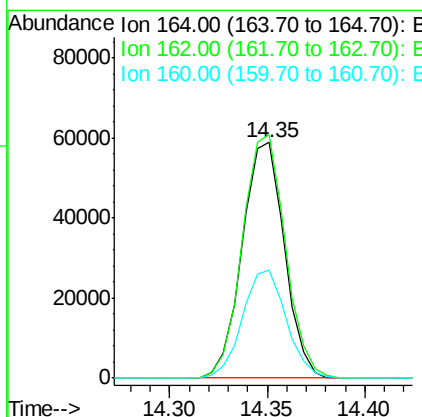
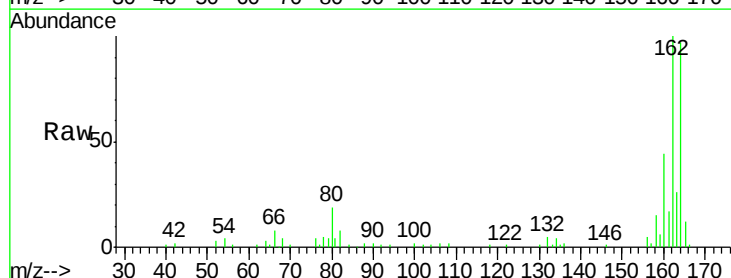
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.9	107.9
115	36.1	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1915
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.4	123.6
160	46.0	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.47 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion:216 Resp: 123211

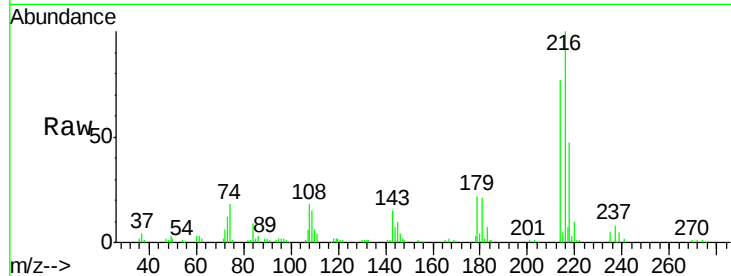
Ion Ratio Lower Upper

216 100

214 77.5 0.0 0.0#

179 21.8 0.0 0.0#

108 22.1 0.0 0.0#

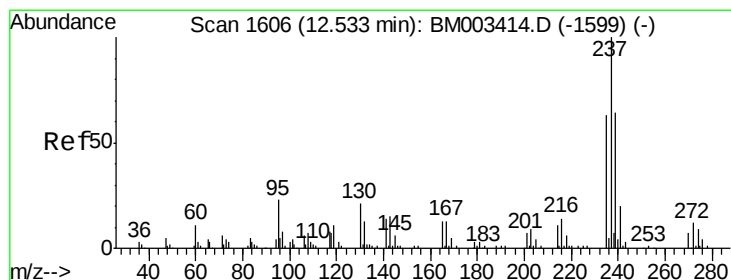
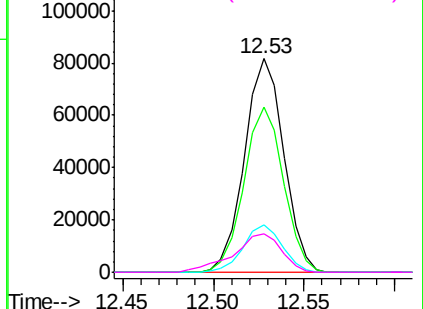
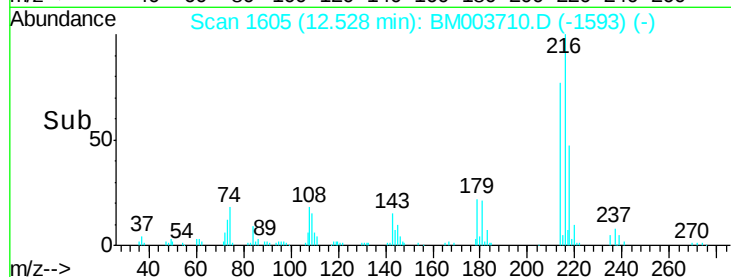


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 92.56 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

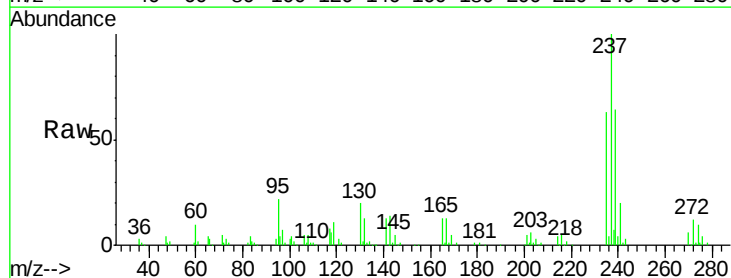
Tgt Ion:237 Resp: 146356

Ion Ratio Lower Upper

237 100

235 63.1 42.0 82.0

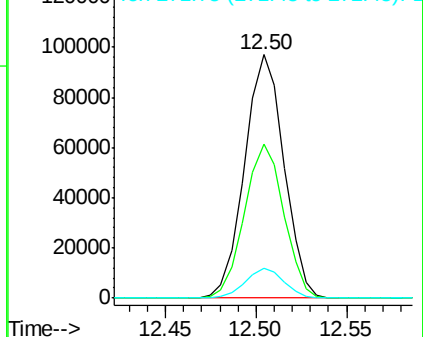
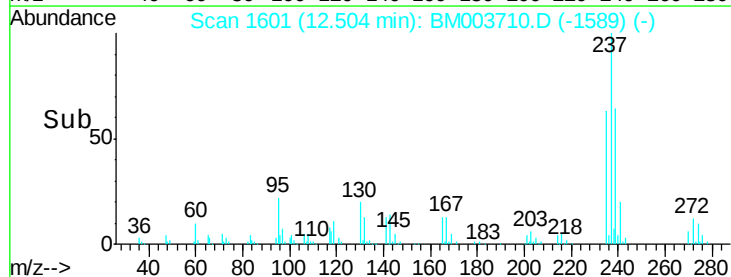
272 12.1 0.0 33.4

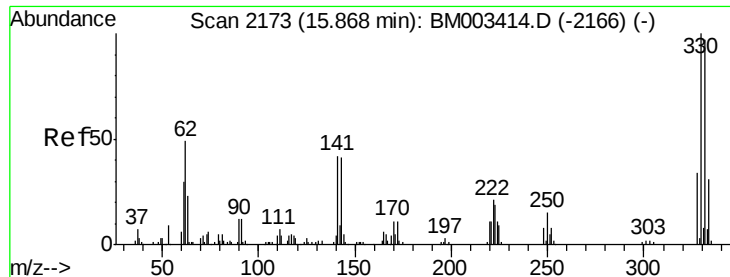


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

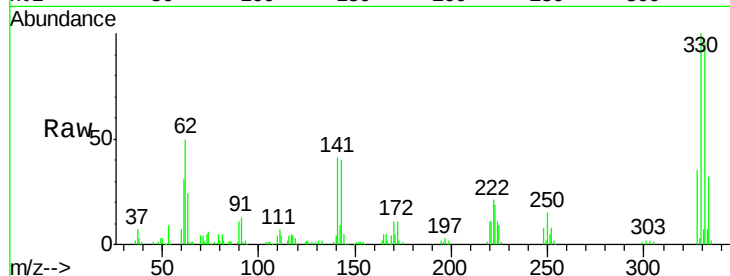




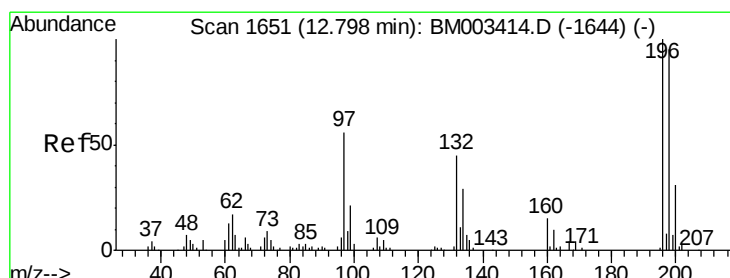
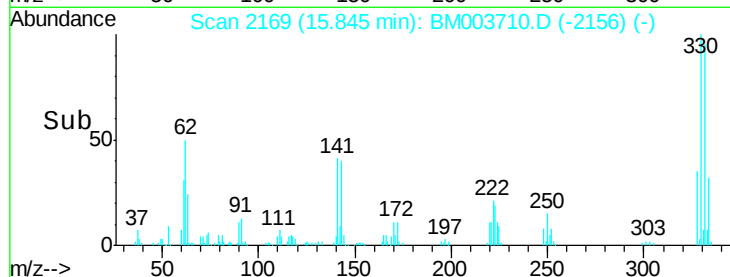
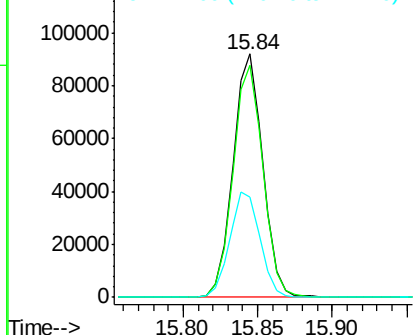
#41
 2,4,6-Tribromophenol
 Concen: 145.60 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:330 Resp: 128215
 Ion Ratio Lower Upper
 330 100
 332 96.0 0.0 0.0#
 141 44.2 0.0 0.0#

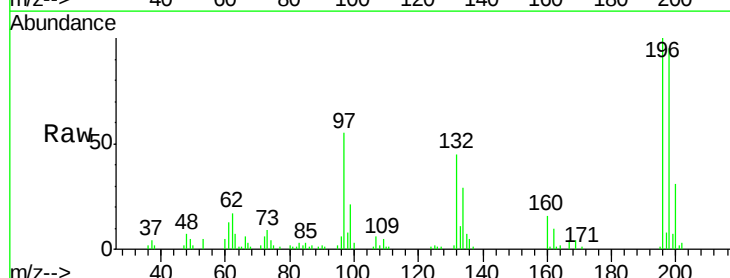


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

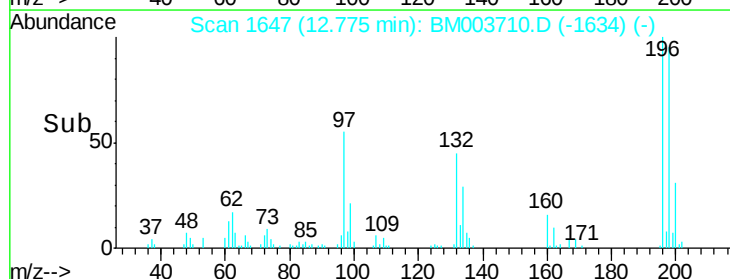
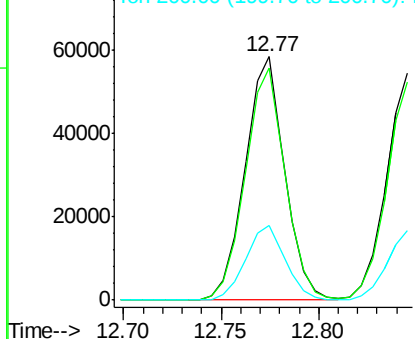


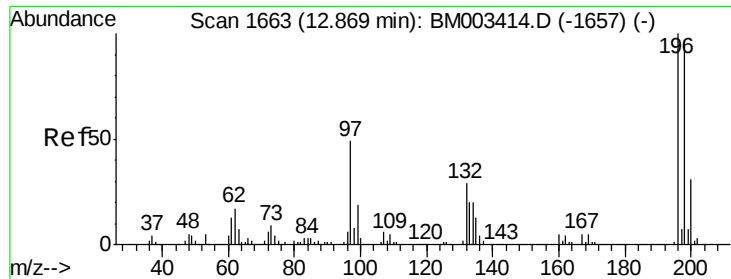
#42
 2,4,6-Trichlorophenol
 Concen: 44.43 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:196 Resp: 82138
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.3 114.5
 200 30.9 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

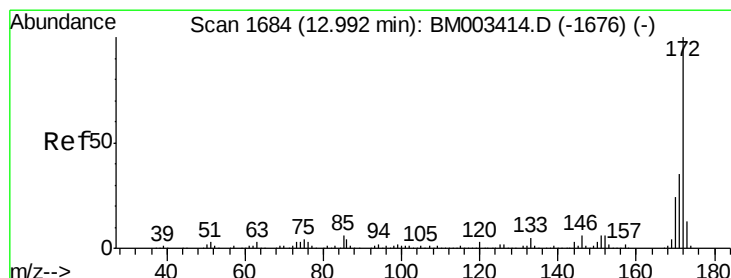
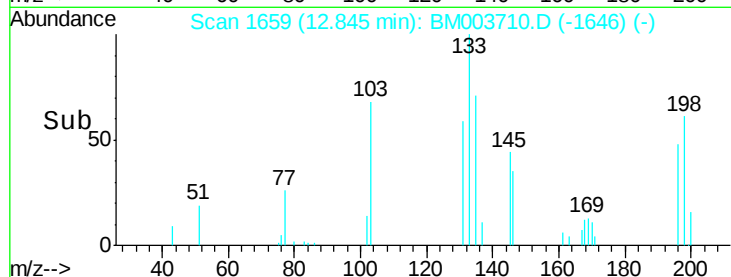
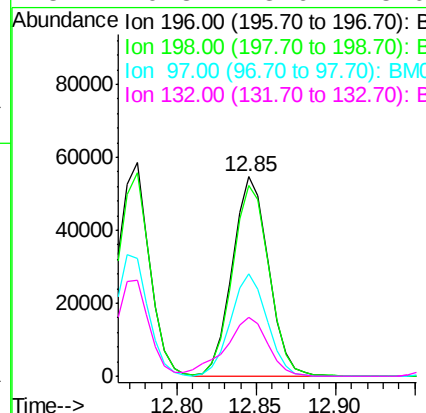
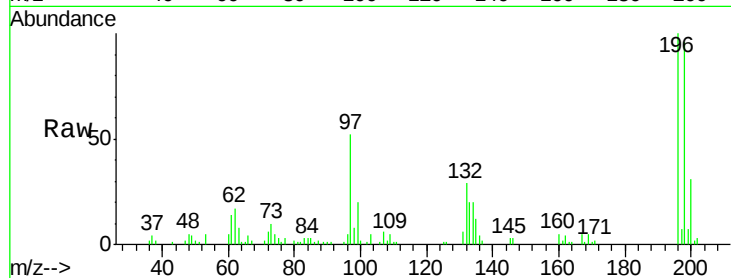




#43
 2,4,5-Trichlorophenol
 Concen: 44.81 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

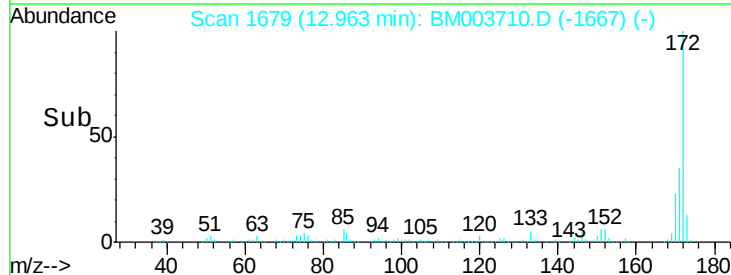
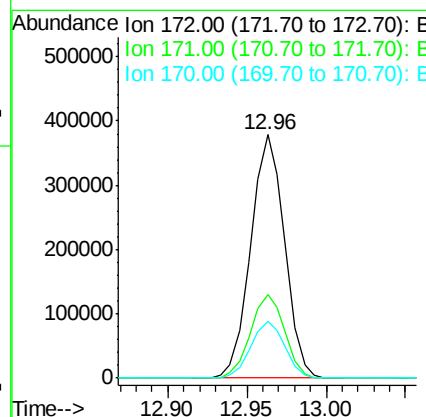
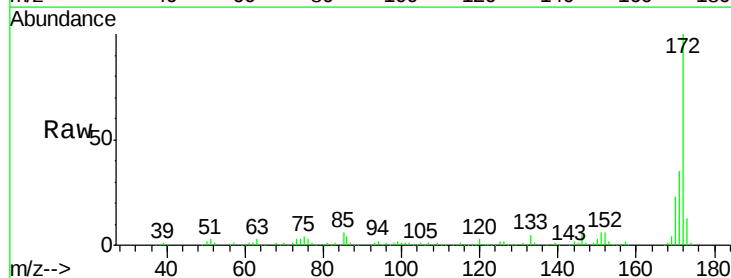
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

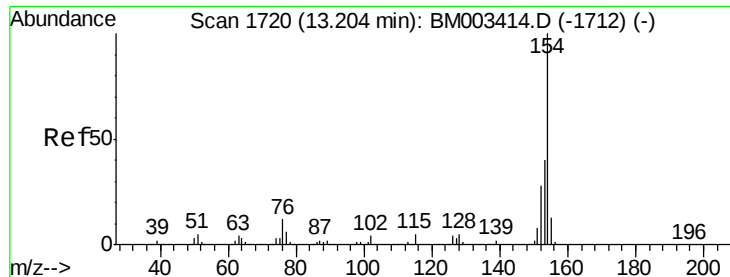
Tgt Ion:196 Resp: 87076
 Ion Ratio Lower Upper
 196 100
 198 95.9 79.4 119.0
 97 51.5 26.8 40.2#
 132 29.3 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 86.42 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:172 Resp: 559301
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.4 18.8 28.2

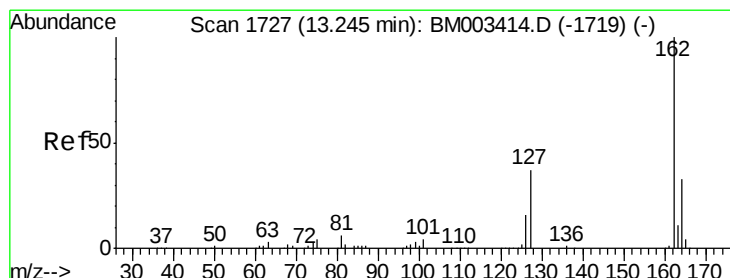
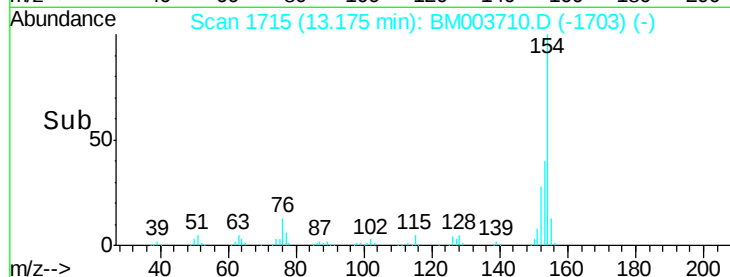
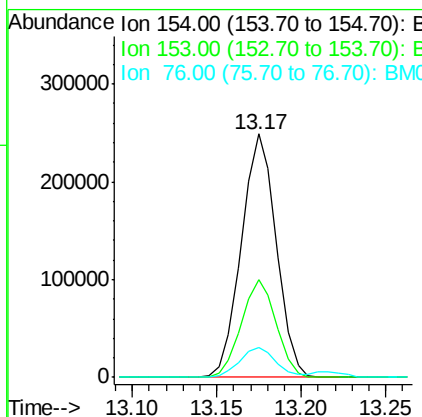
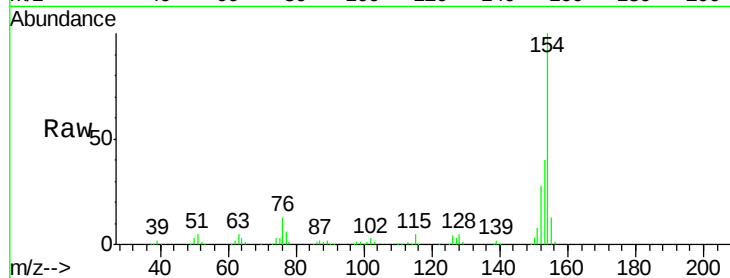




#45
 1,1'-Biphenyl
 Concen: 45.85 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

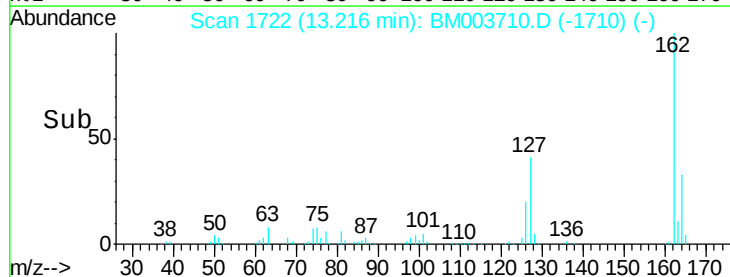
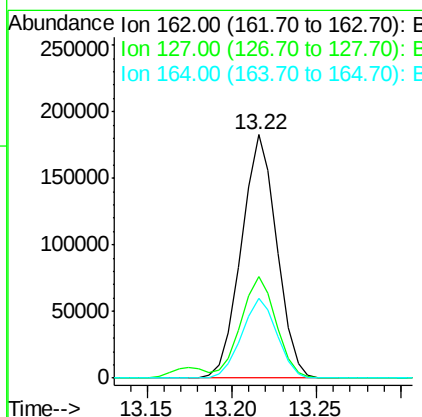
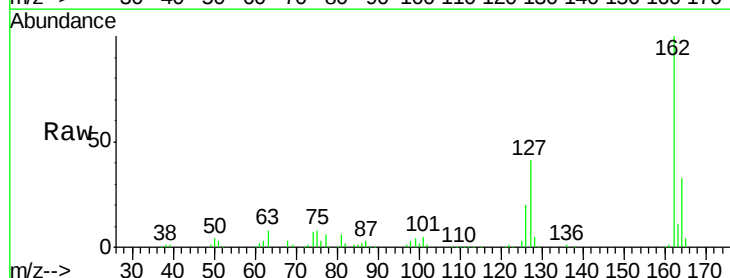
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

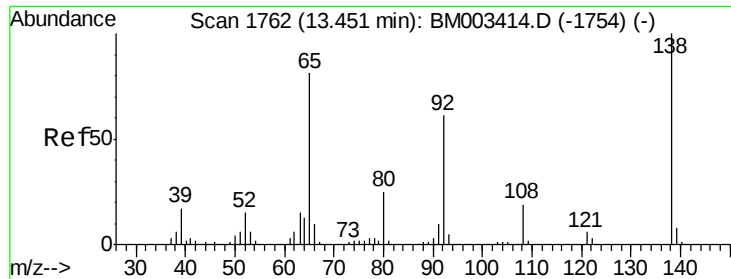
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	20.7	60.7
76	12.5	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 46.43 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.5	26.9	40.3#
164	32.9	26.8	40.2

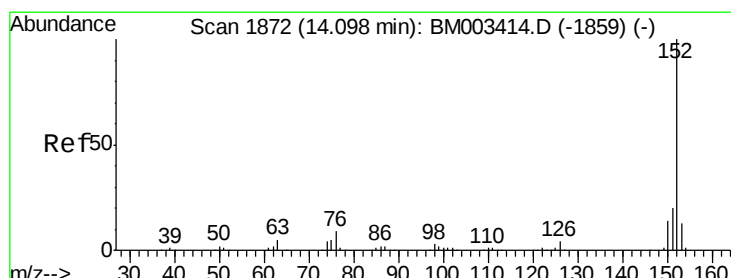
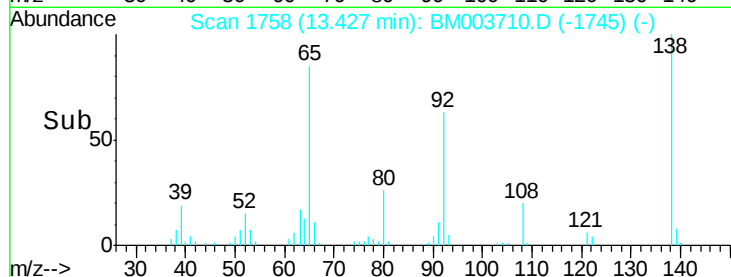
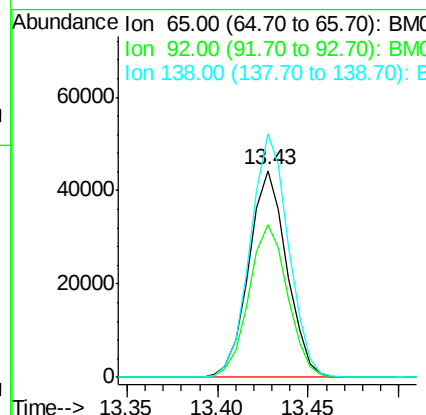
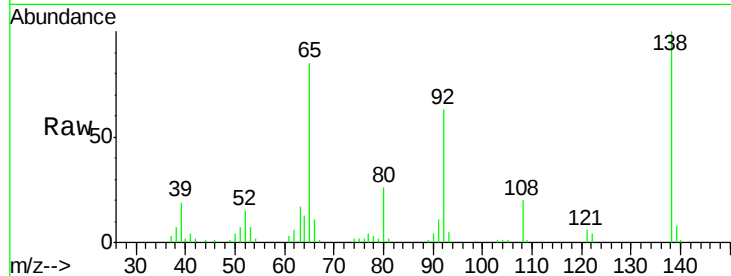




#47
2-Nitroaniline
Concen: 45.22 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

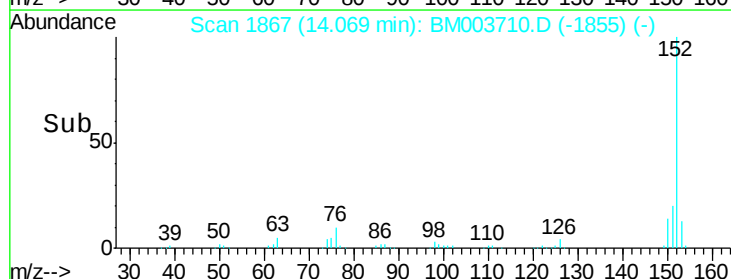
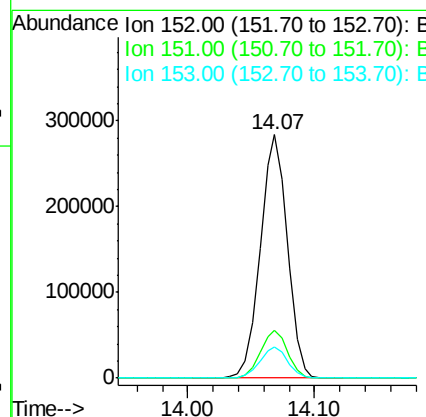
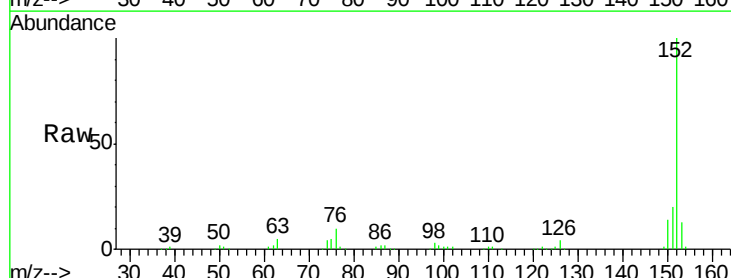
Instrument :
BNA_M
ClientSampleId :
PB87153BS

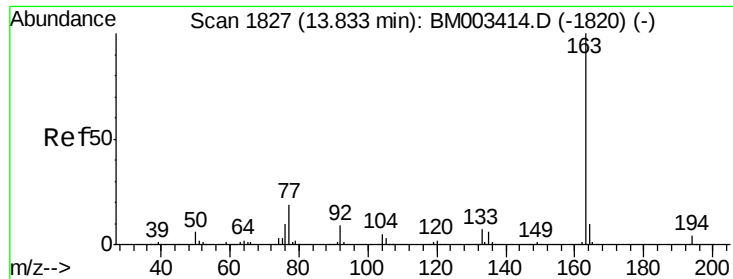
Tgt Ion: 65 Resp: 64420
Ion Ratio Lower Upper
65 100
92 74.2 59.1 88.7
138 117.8 93.9 140.9



#48
Acenaphthylene
Concen: 44.09 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion: 152 Resp: 422183
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 41.12 ng

RT: 13.81 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

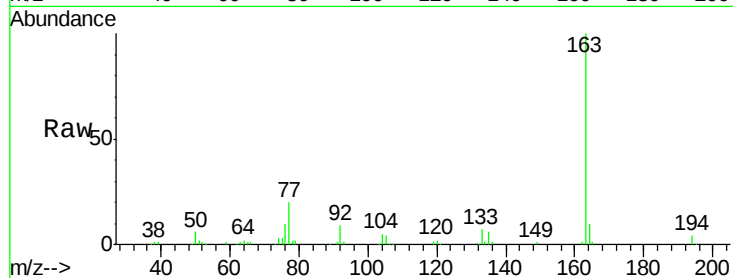
Tgt Ion:163 Resp: 298760

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

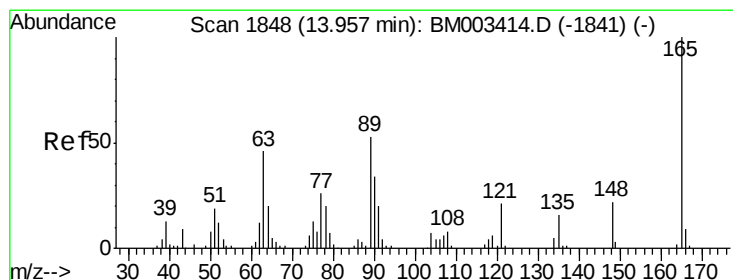
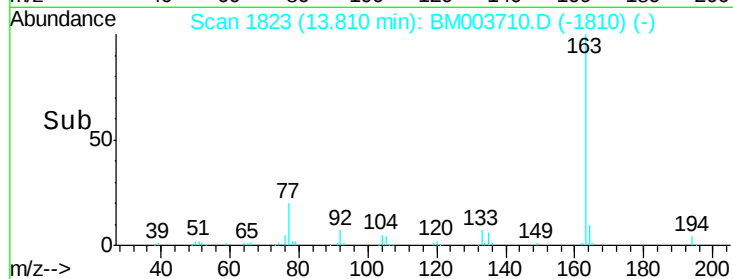
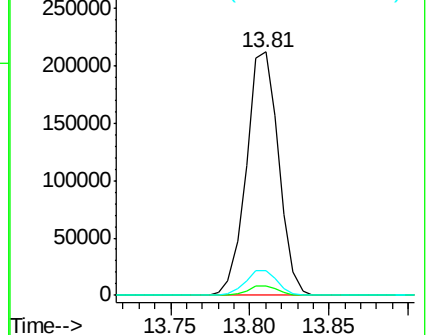
164 10.0 8.2 12.2



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: 47.47 ng

RT: 13.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

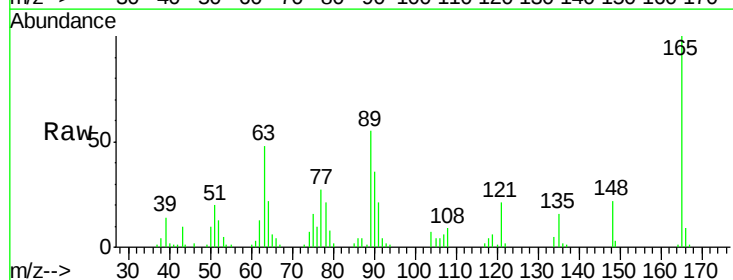
Tgt Ion:165 Resp: 71968

Ion Ratio Lower Upper

165 100

63 48.3 44.1 66.1

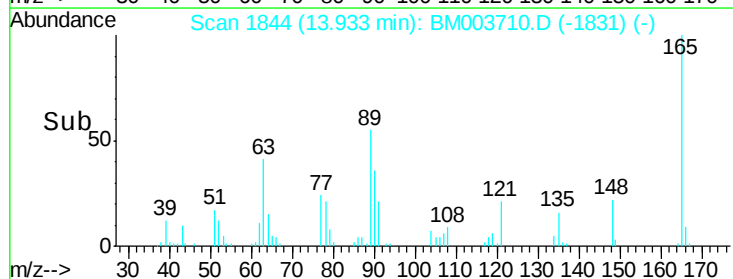
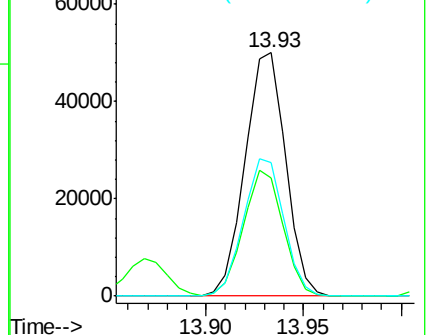
89 55.1 44.3 66.5



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: 42.05 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

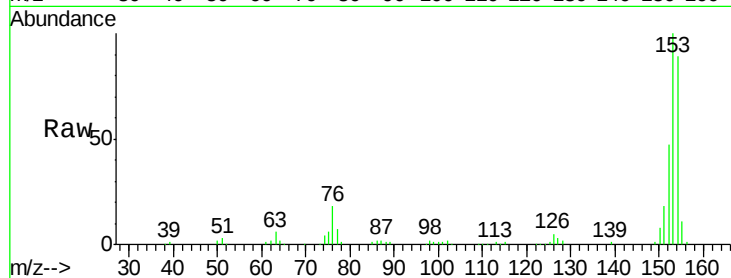
Tgt Ion:154 Resp: 233307

Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

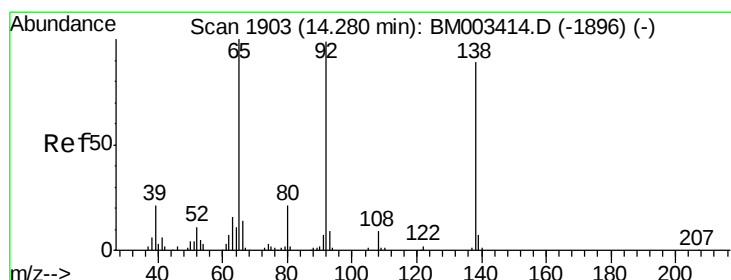
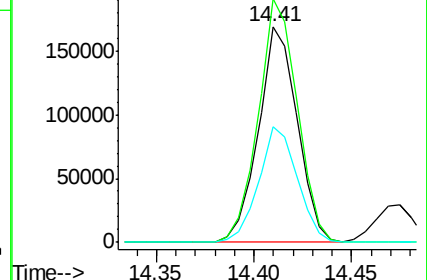
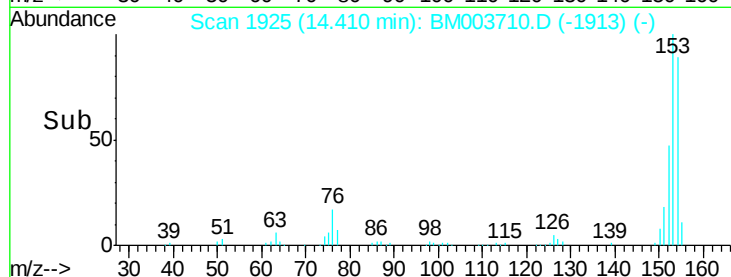
152 53.3 42.6 63.8



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: 32.60 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

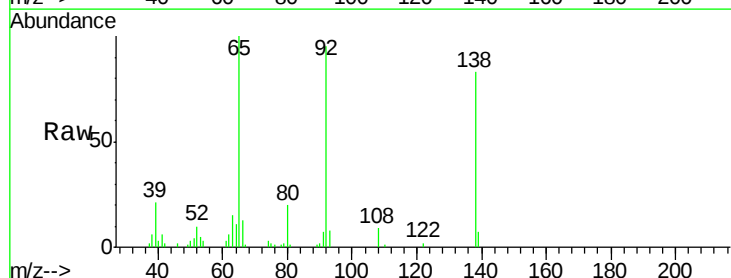
Tgt Ion:138 Resp: 50583

Ion Ratio Lower Upper

138 100

108 10.3 7.3 10.9

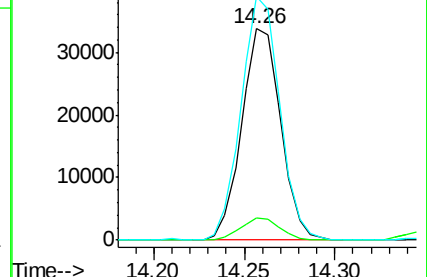
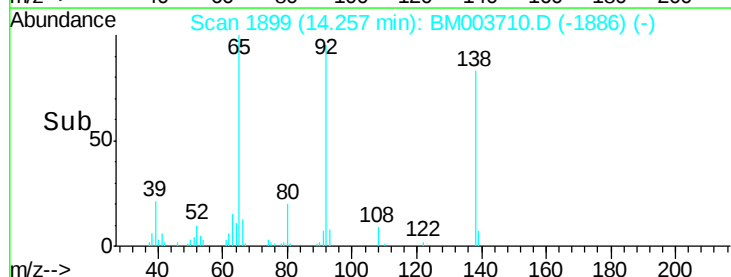
92 115.1 76.6 114.8#



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

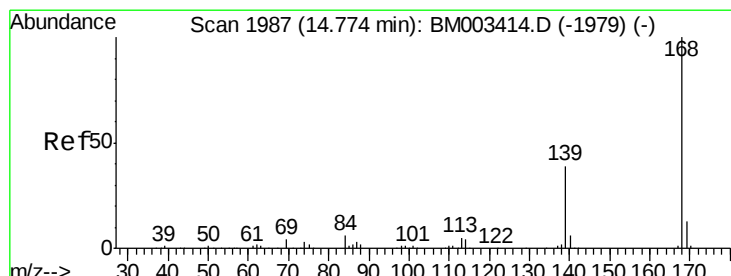
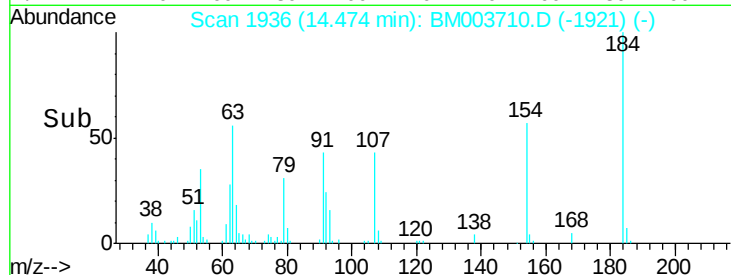
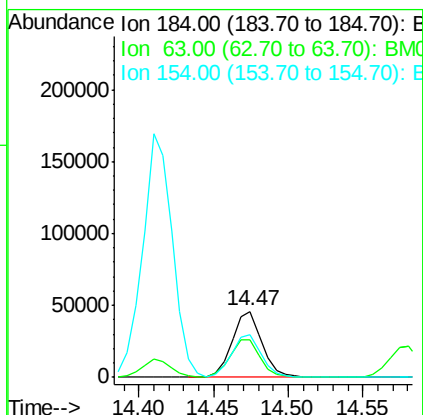
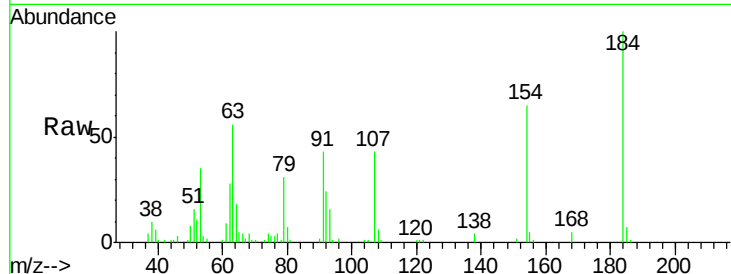




#53
 2,4-Dinitrophenol
 Concen: 75.20 ng
 RT: 14.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

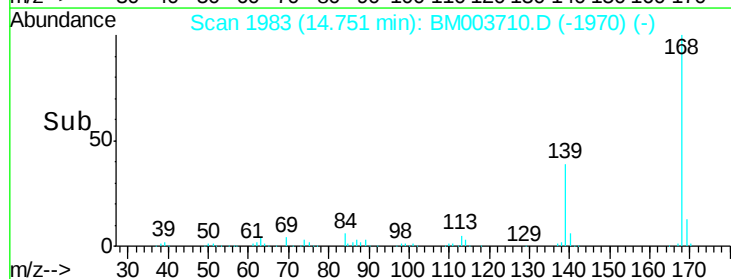
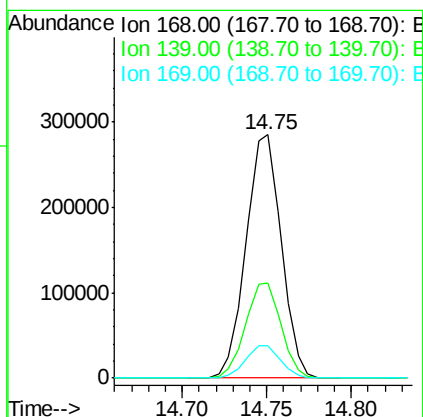
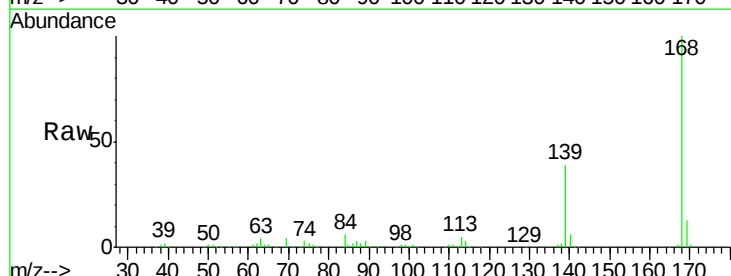
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:184 Resp: 64037
 Ion Ratio Lower Upper
 184 100
 63 56.5 69.2 103.8#
 154 65.3 53.3 79.9



#54
 Dibenzofuran
 Concen: 51.79 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:168 Resp: 415074
 Ion Ratio Lower Upper
 168 100
 139 39.1 27.3 40.9
 169 13.1 10.6 16.0





#55

4-Nitrophenol

Concen: 96.50 ng

RT: 14.58 min Scan# 1954

Delta R.T. -0.01 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

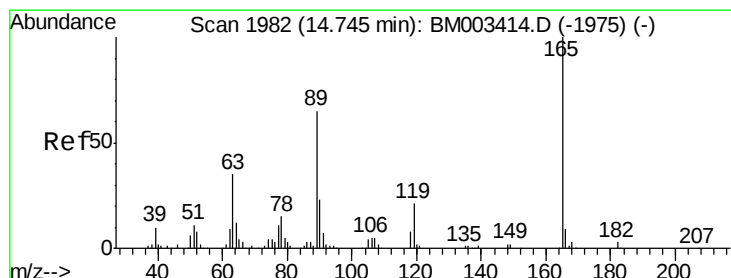
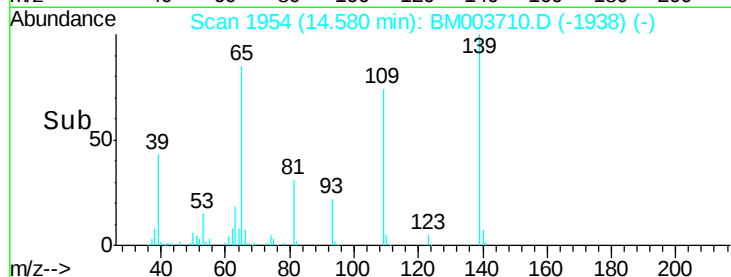
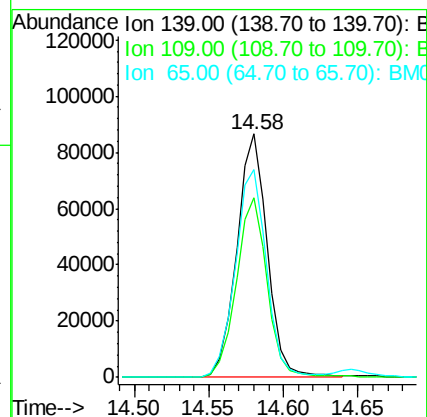
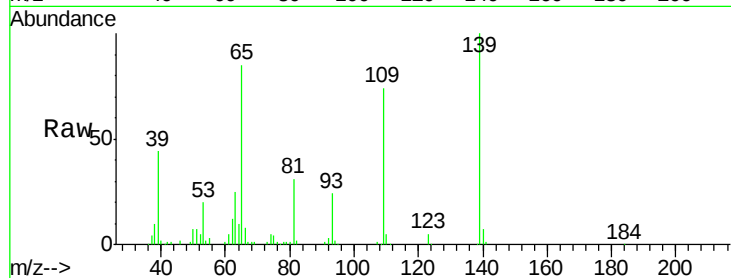
Tgt Ion:139 Resp: 123631

Ion Ratio Lower Upper

139 100

109 73.7 37.7 77.7

65 85.2 49.9 89.9



#56

2,4-Dinitrotoluene

Concen: 50.47 ng

RT: 14.72 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Tgt Ion:165 Resp: 99272

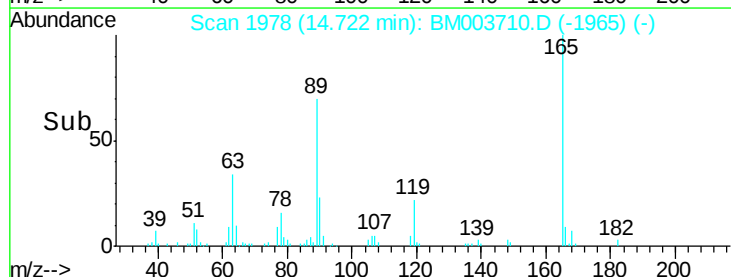
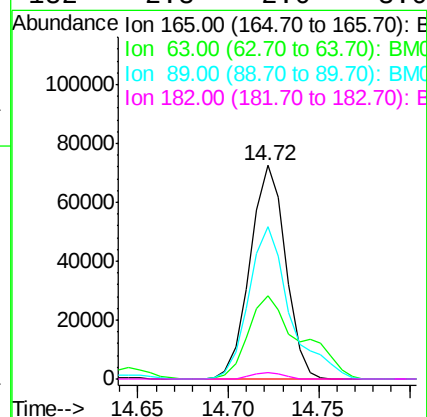
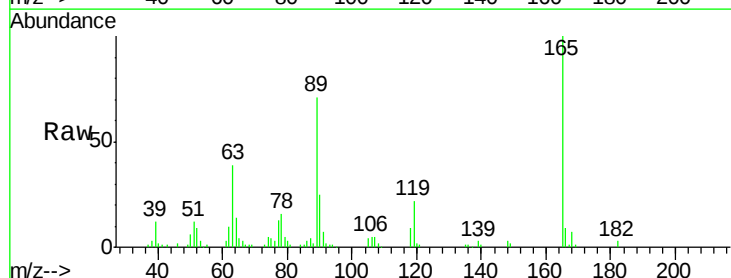
Ion Ratio Lower Upper

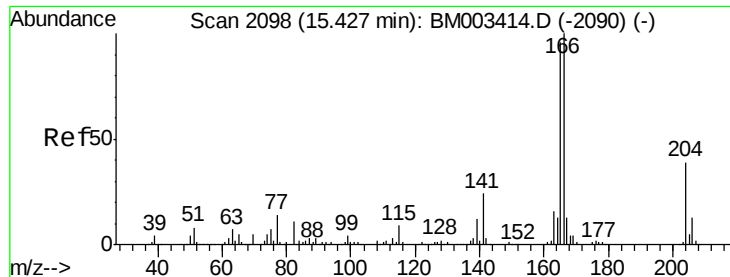
165 100

63 39.2 52.4 78.6#

89 71.4 72.4 108.6#

182 2.8 2.0 3.0

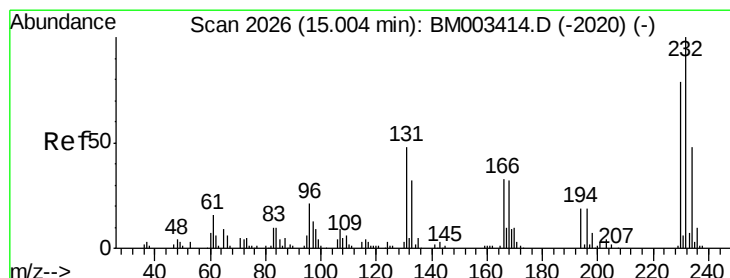
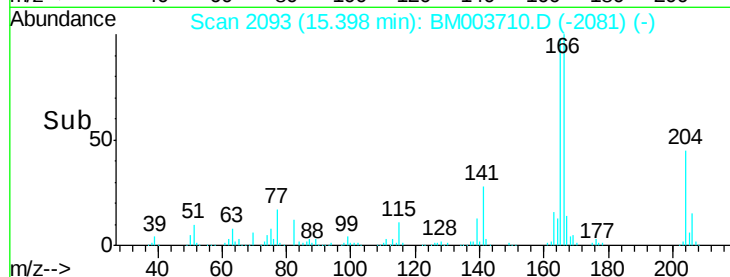
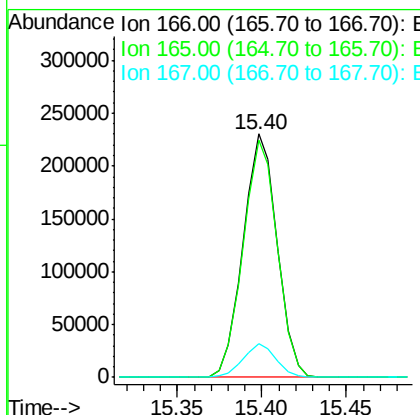
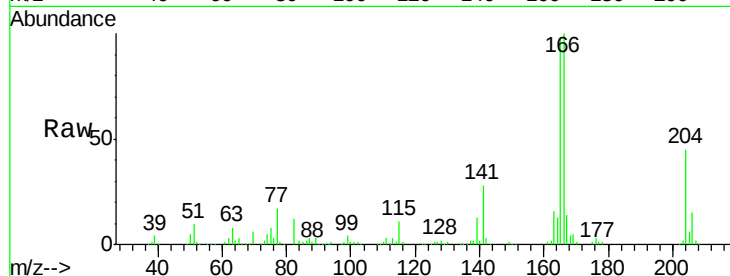




#57
Fluorene
 Concen: 48.54 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

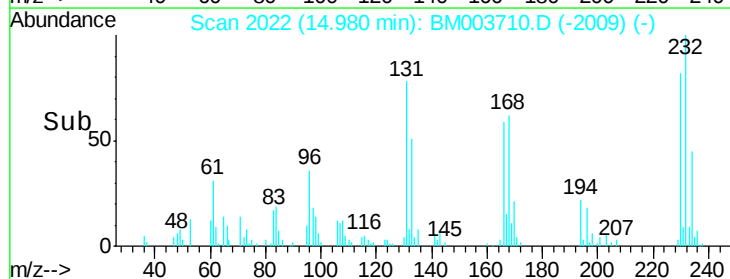
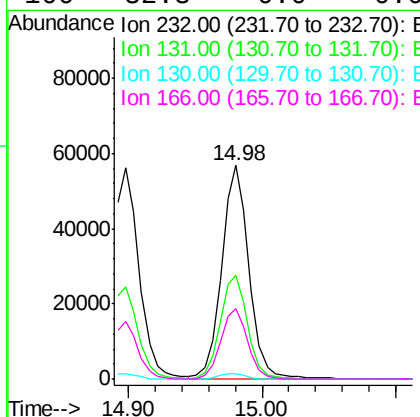
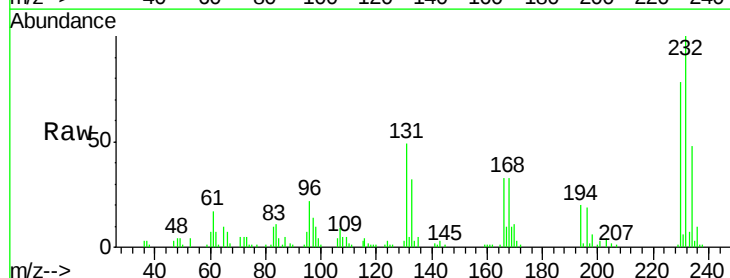
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:166 Resp: 322490
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.0 118.4
 167 13.7 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 54.42 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:232 Resp: 81289
 Ion Ratio Lower Upper
 232 100
 131 49.1 0.0 0.0#
 130 2.4 0.0 0.0#
 166 32.3 0.0 0.0#

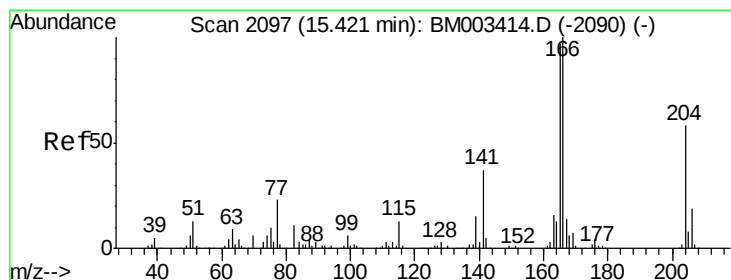
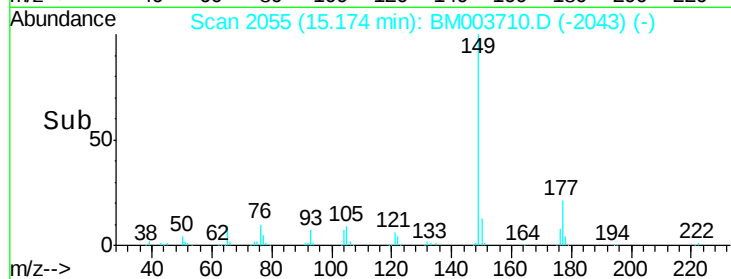
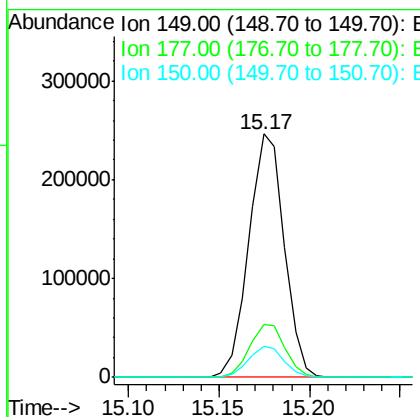
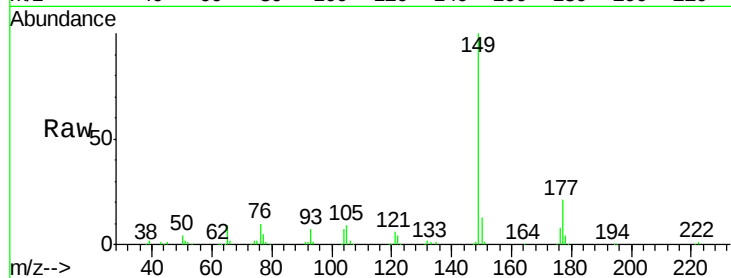




#59
Diethylphthalate
Concen: 46.80 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

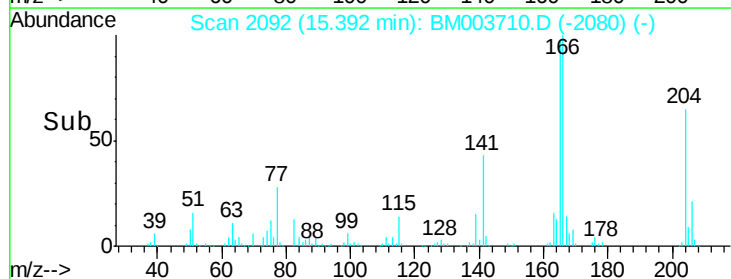
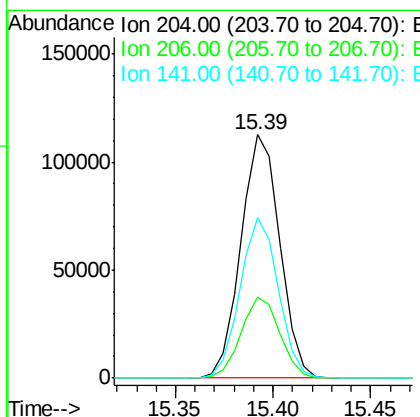
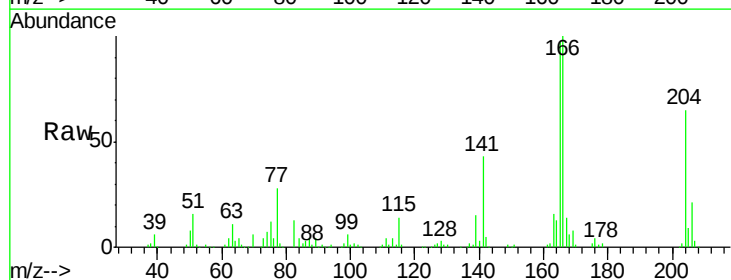
Instrument :
BNA_M
ClientSampleId :
PB87153BS

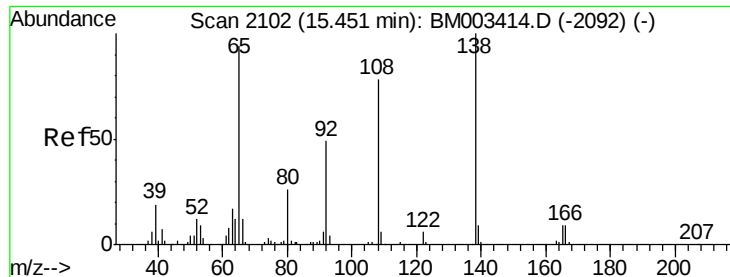
Tgt Ion:149 Resp: 333899
Ion Ratio Lower Upper
149 100
177 21.5 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 46.21 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion:204 Resp: 155226
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 65.7 45.2 67.8

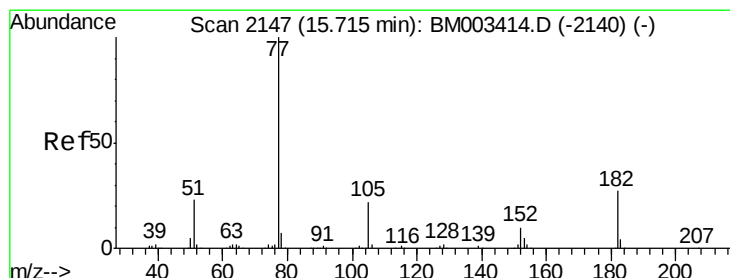
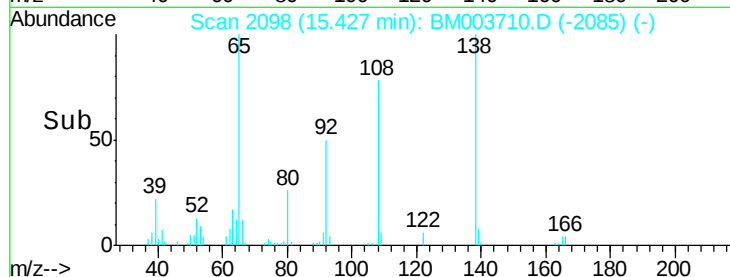
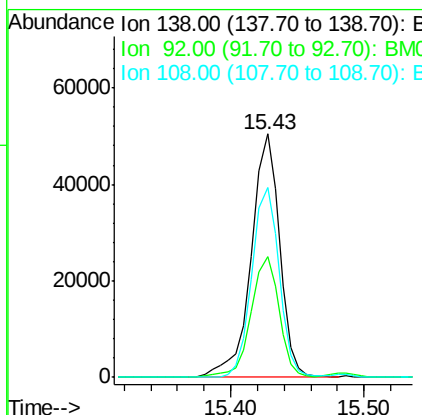
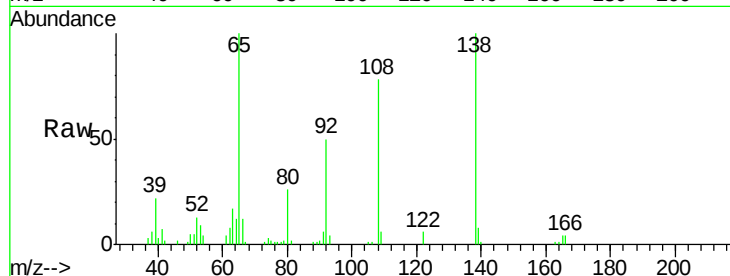




#61
4-Nitroaniline
Concen: 46.82 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

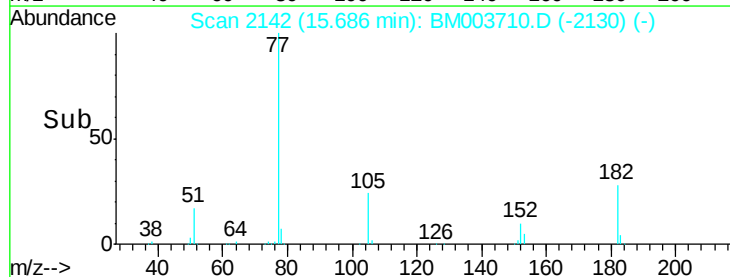
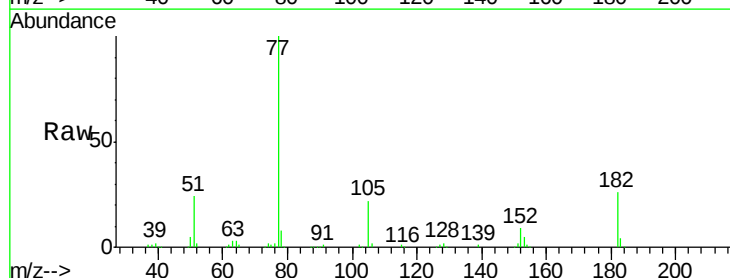
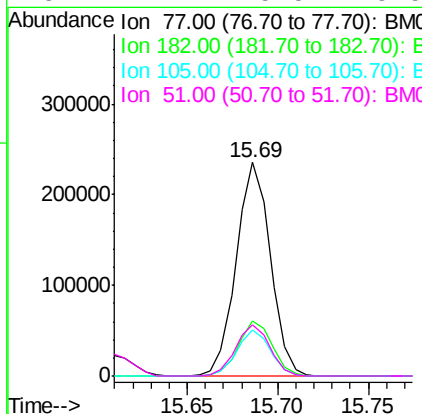
Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion: 138 Resp: 74185
Ion Ratio Lower Upper
138 100
92 49.8 16.7 56.7
108 77.7 37.6 77.6#



#62
Azobenzene
Concen: 55.05 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion: 77 Resp: 307887
Ion Ratio Lower Upper
77 100
182 25.5 6.5 46.5
105 21.5 3.8 43.8
51 24.1 5.5 45.5

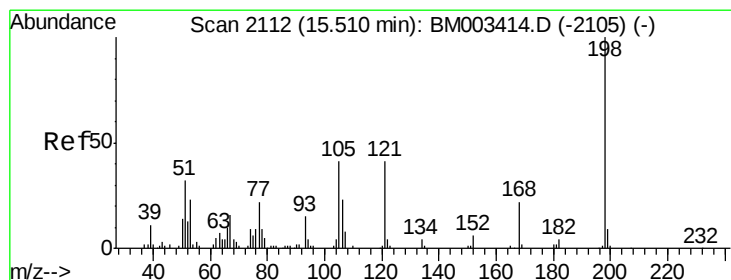
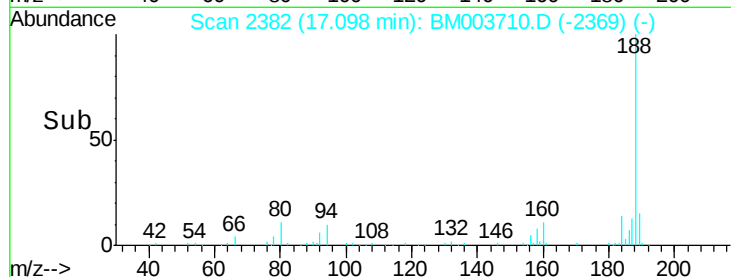
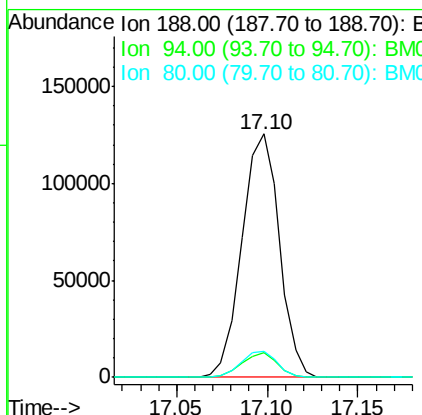
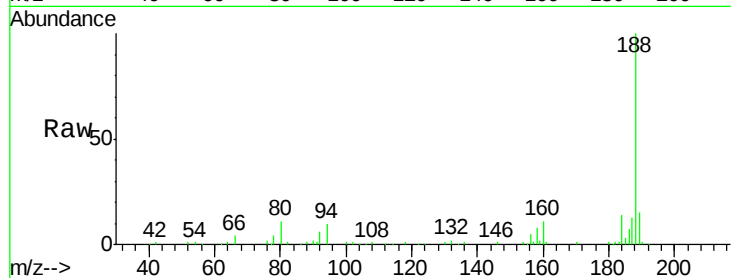




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.10 min Scan# 2382
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

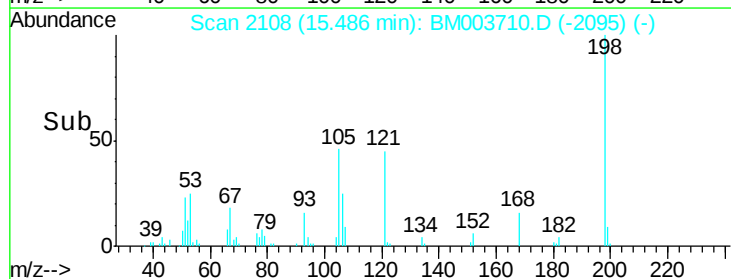
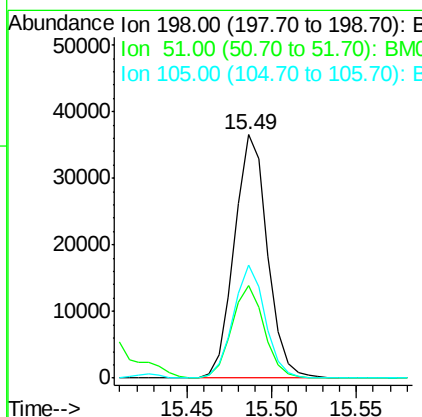
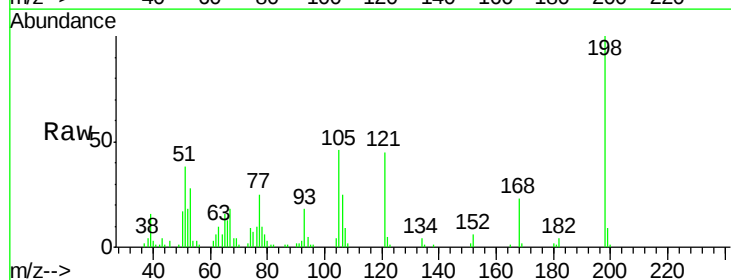
Instrument :
BNA_M
ClientSampleId :
PB87153BS

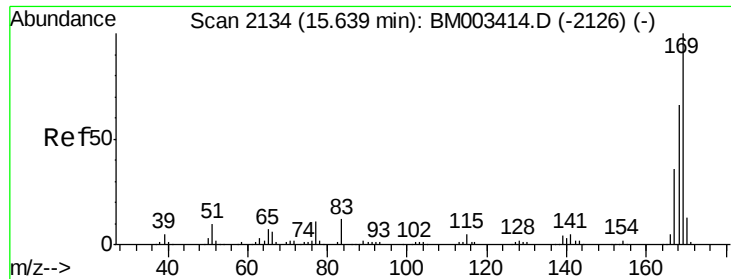
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	180217		
94	9.9		8.7	13.1
80	10.7		9.3	13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 45.78 ng
RT: 15.49 min Scan# 2108
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	49773		
51	37.9		28.8	68.8
105	46.3		30.5	70.5

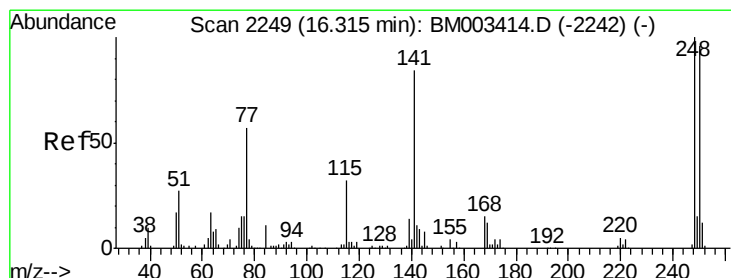
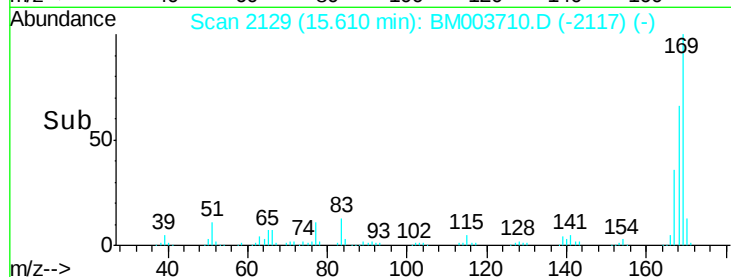
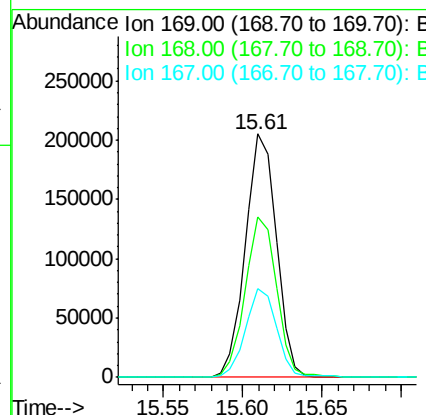
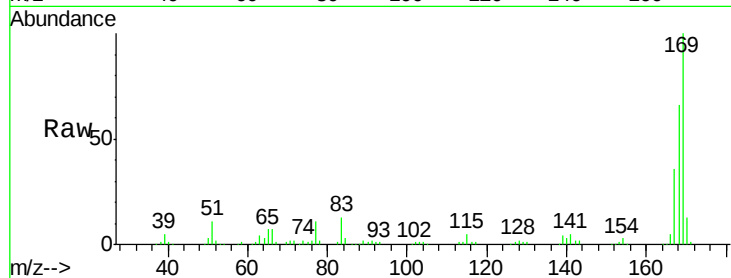




#65
 n-Nitrosodiphenylamine
 Concen: 48.94 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

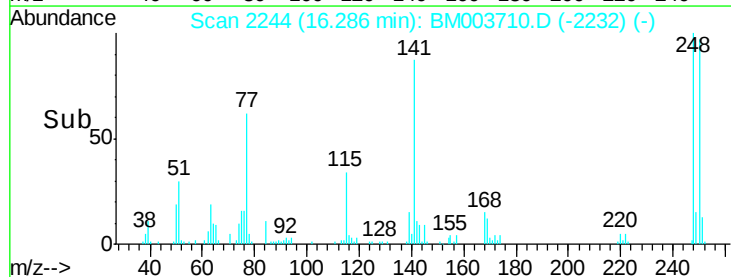
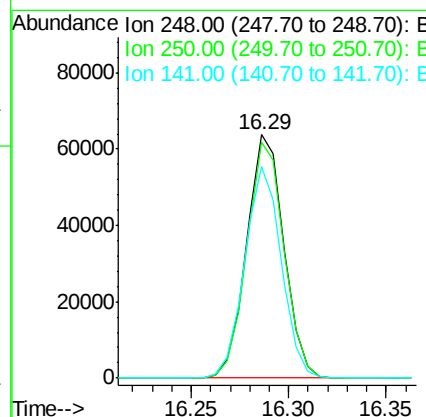
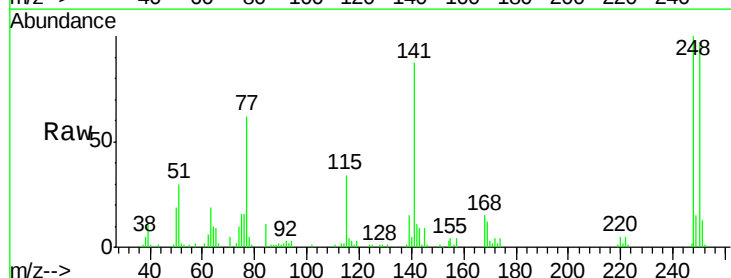
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

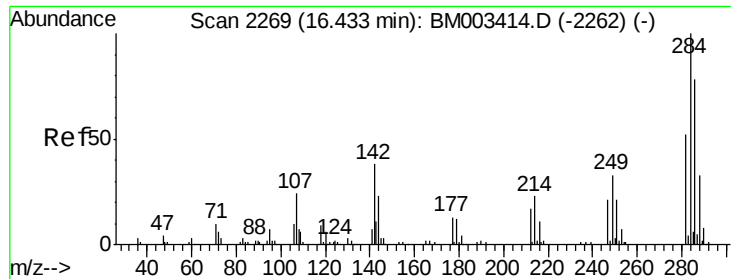
Tgt Ion:169 Resp: 278840
 Ion Ratio Lower Upper
 169 100
 168 66.0 53.9 80.9
 167 36.4 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.22 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:248 Resp: 83973
 Ion Ratio Lower Upper
 248 100
 250 97.0 77.4 116.0
 141 87.2 45.2 67.8#





#67

Hexachlorobenzene

Concen: 41.68 ng

RT: 16.40 min Scan# 2264

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

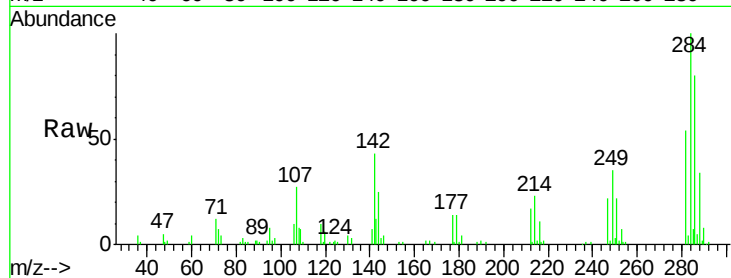
Tgt Ion:284 Resp: 87008

Ion Ratio Lower Upper

284 100

142 42.8 20.4 30.6#

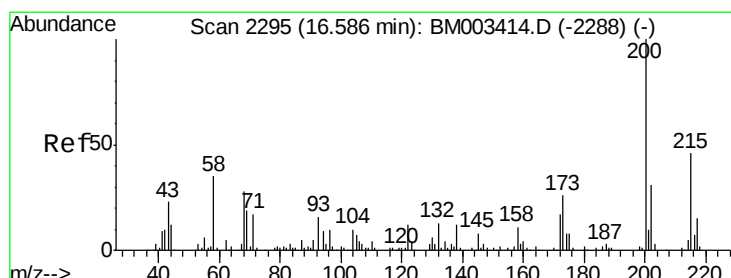
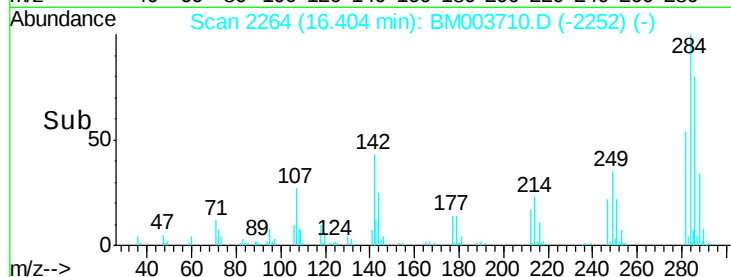
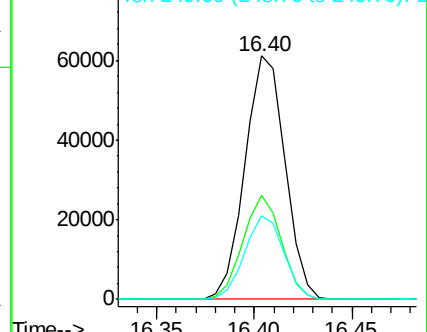
249 34.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 45.88 ng

RT: 16.56 min Scan# 2291

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

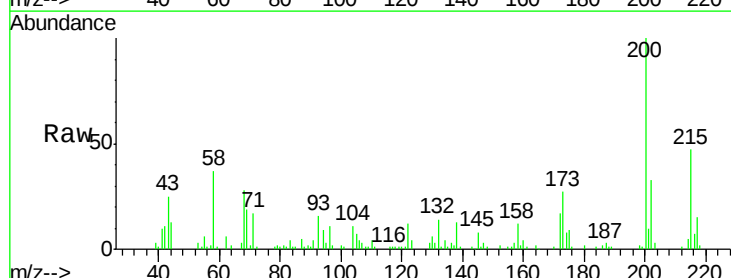
Tgt Ion:200 Resp: 81521

Ion Ratio Lower Upper

200 100

173 27.1 4.8 44.8

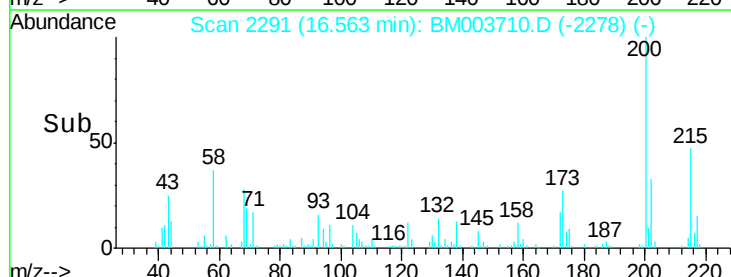
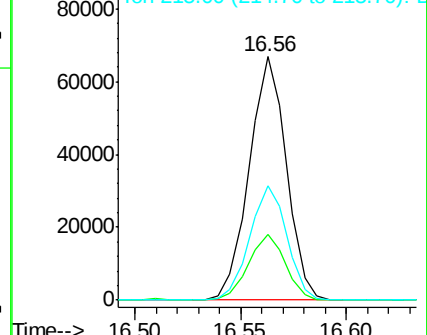
215 47.0 26.9 66.9



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

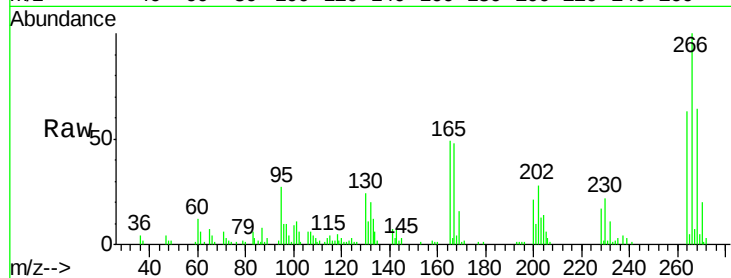




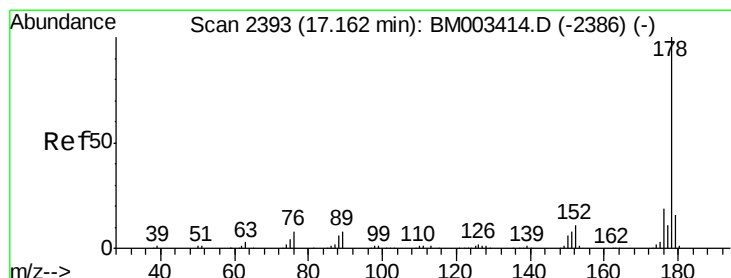
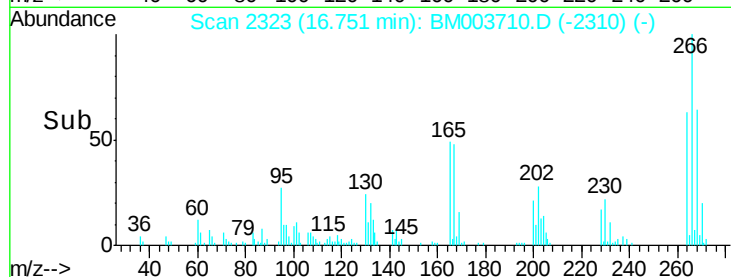
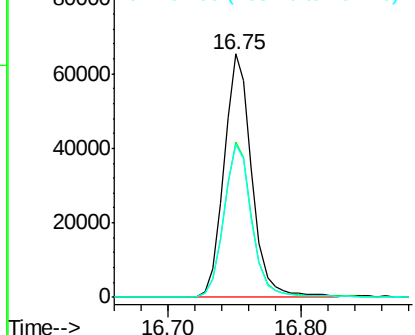
#69
 Pentachlorophenol
 Concen: 80.15 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:266 Resp: 95519
 Ion Ratio Lower Upper
 266 100
 268 63.8 52.0 78.0
 264 62.6 49.0 73.4

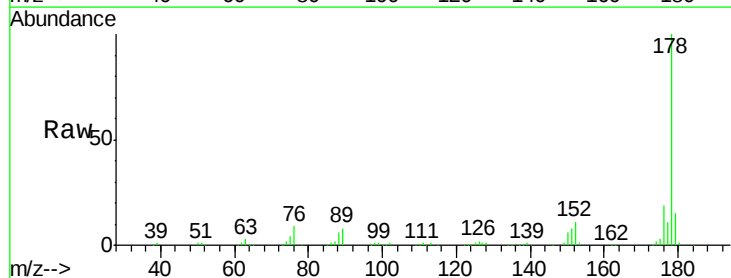


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

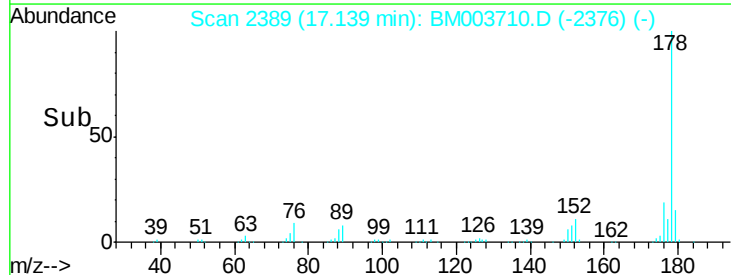
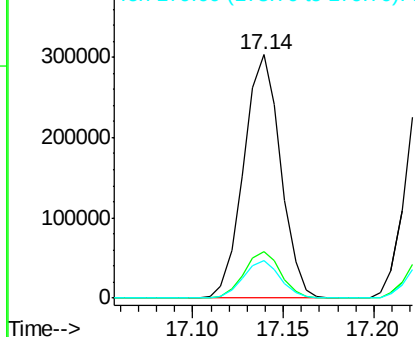


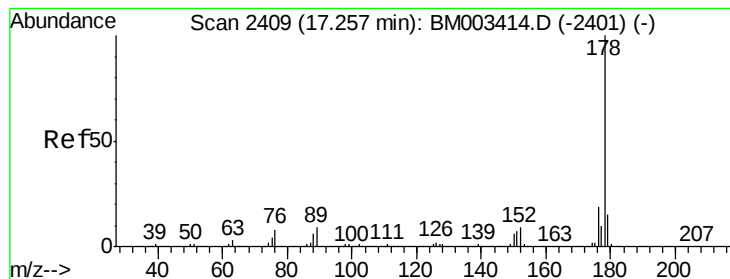
#70
 Phenanthrene
 Concen: 42.34 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion:178 Resp: 428186
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.2 22.8
 179 15.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 43.05 ng

RT: 17.23 min Scan# 2404

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

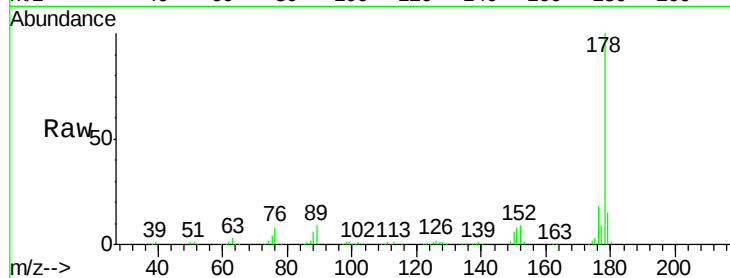
Tgt Ion:178 Resp: 432572

Ion Ratio Lower Upper

178 100

176 18.4 14.6 22.0

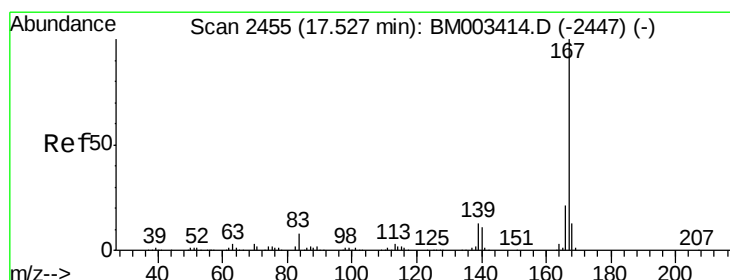
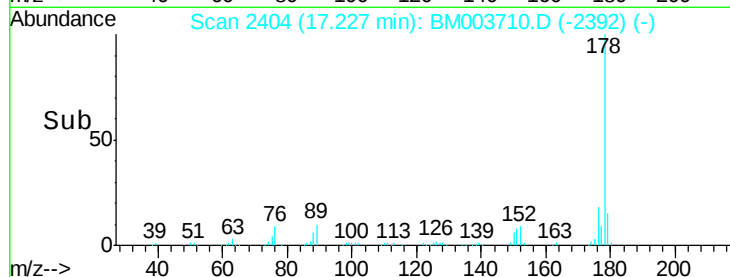
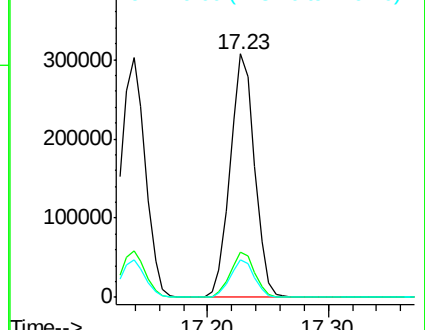
179 15.2 12.6 19.0



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



#72

Carbazole

Concen: 45.64 ng

RT: 17.50 min Scan# 2451

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

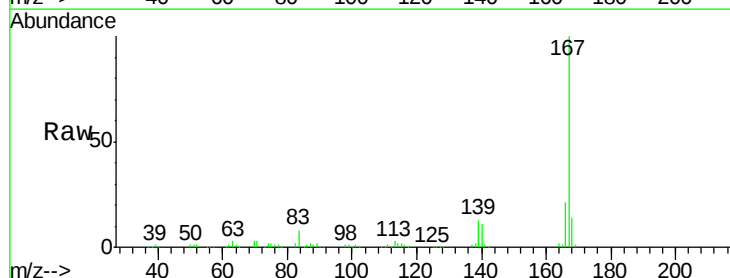
Tgt Ion:167 Resp: 399535

Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

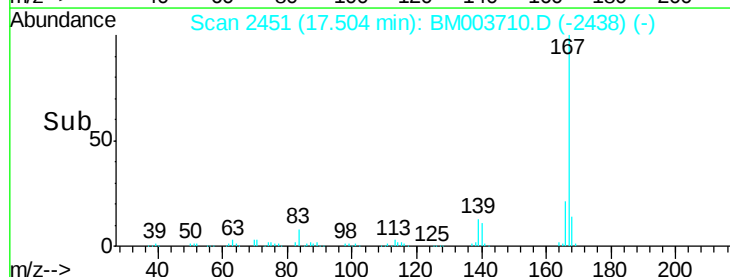
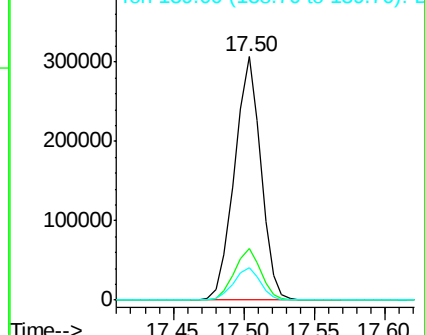
139 13.4 10.8 16.2

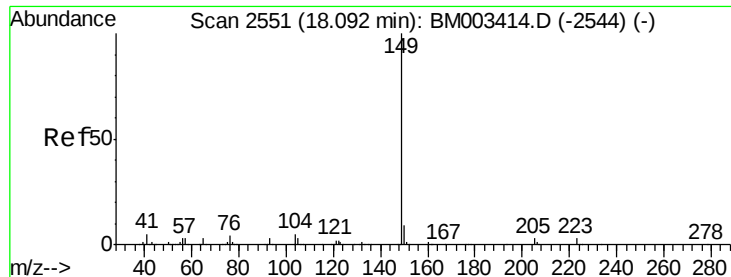


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.69 ng

RT: 18.06 min Scan# 2546

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

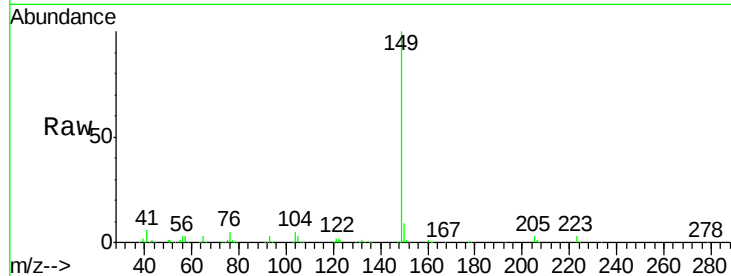
Tgt Ion:149 Resp: 518743

Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

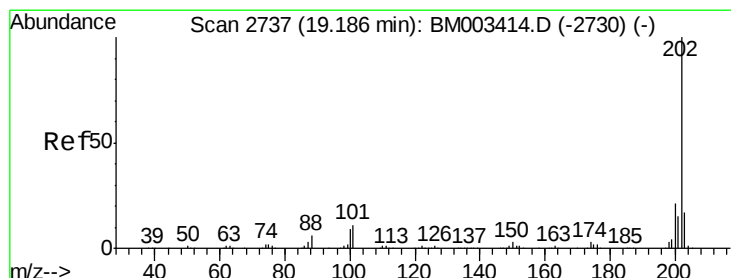
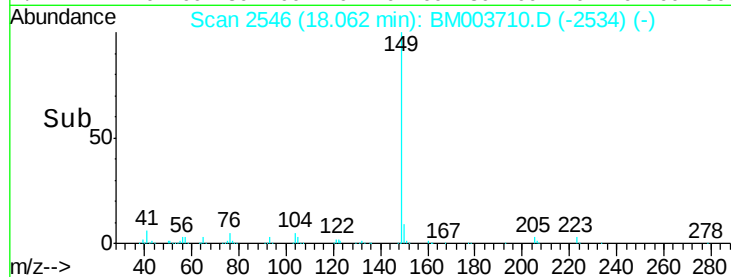
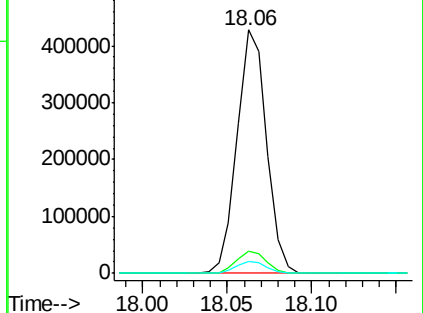
104 5.0 3.7 5.5



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: 49.08 ng

RT: 19.16 min Scan# 2733

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

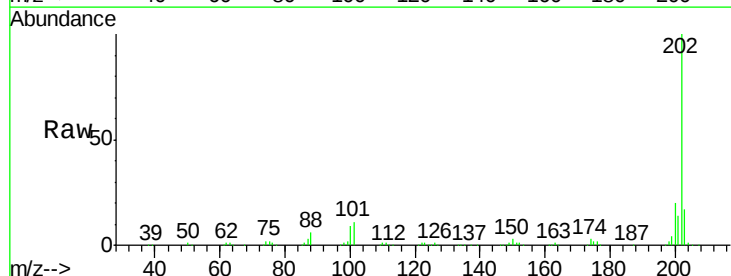
Tgt Ion:202 Resp: 511898

Ion Ratio Lower Upper

202 100

101 11.5 0.0 28.7

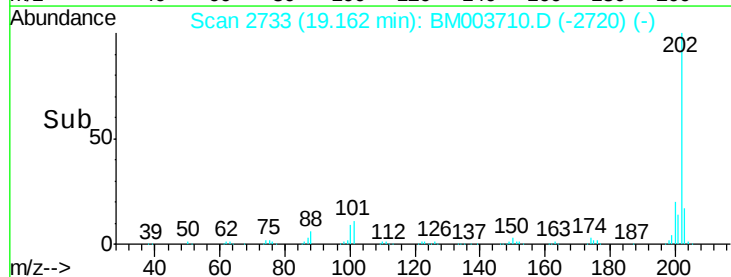
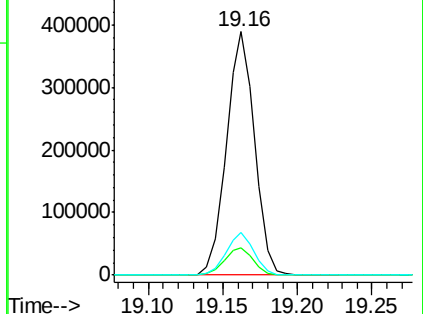
203 17.3 0.0 37.2

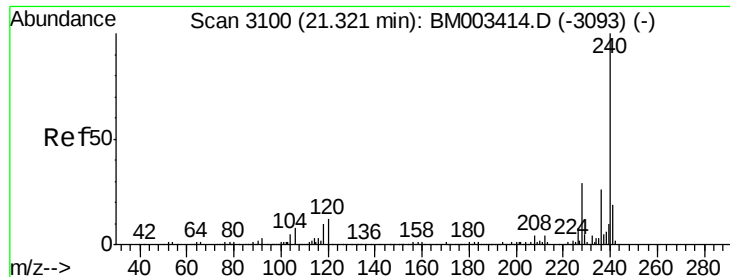


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

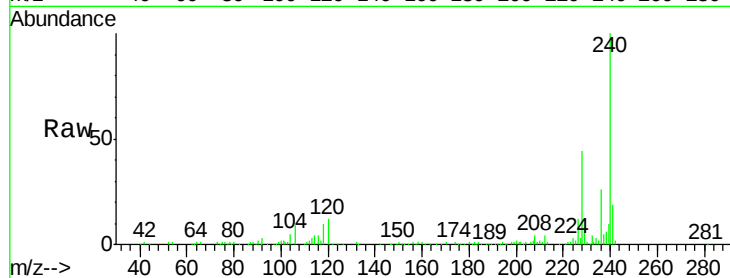
Tgt Ion:240 Resp: 185843

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

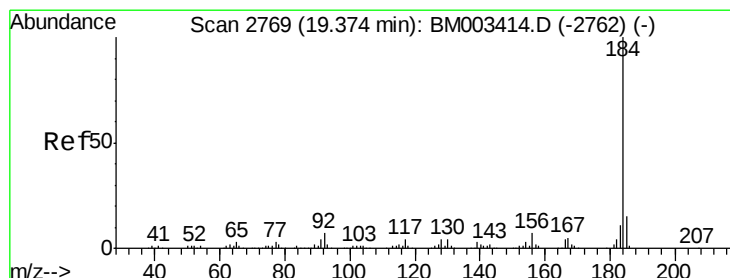
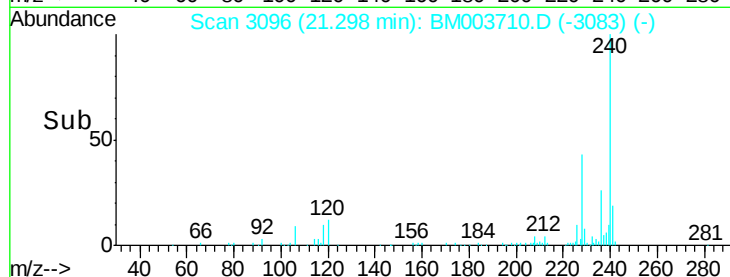
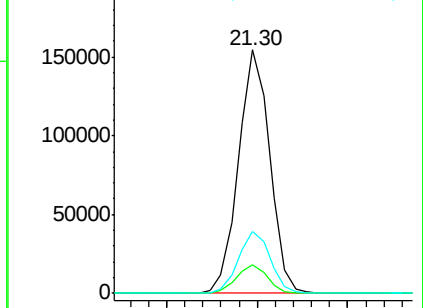
236 25.5 20.0 30.0



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: 43.96 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

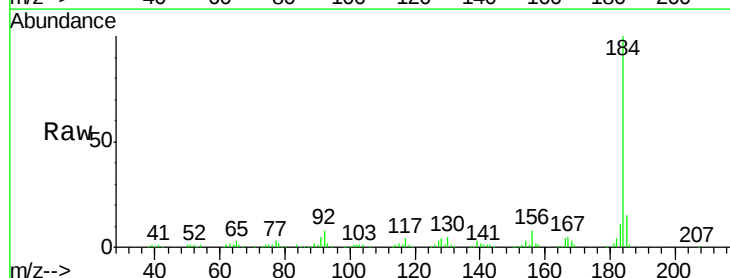
Tgt Ion:184 Resp: 261751

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

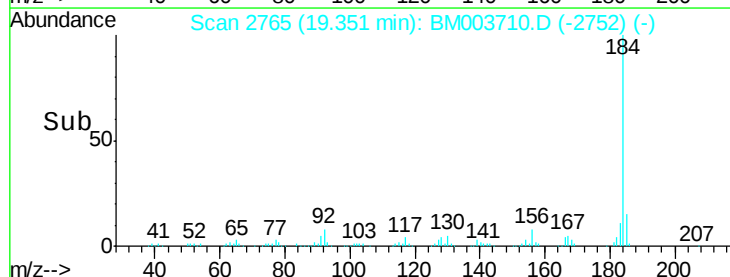
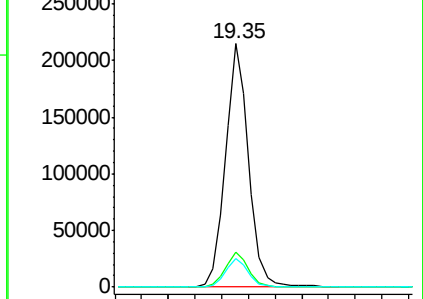
183 11.5 8.9 13.3

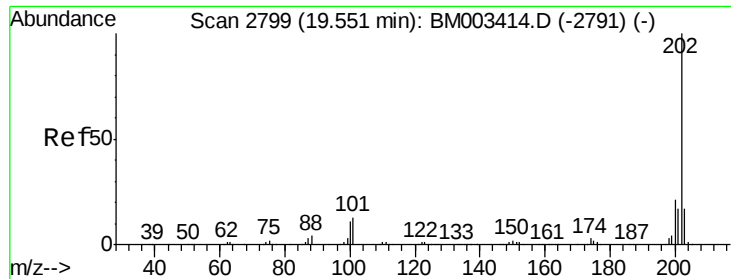


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

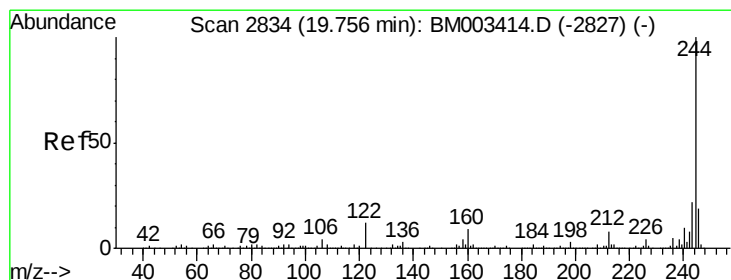
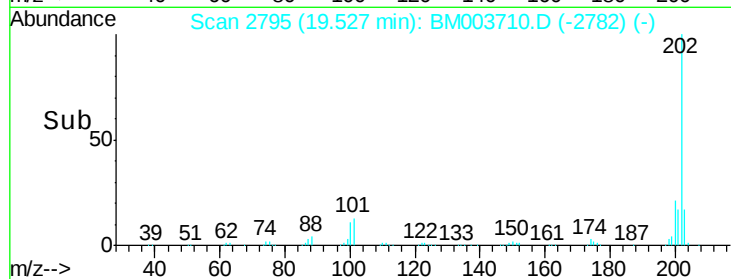
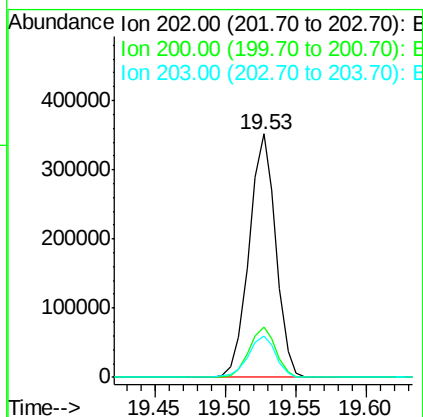
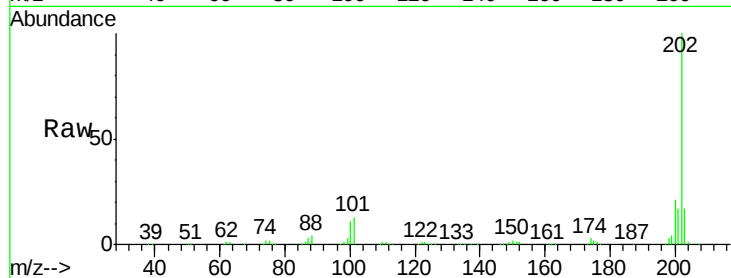




#77
 Pyrene
 Concen: 35.81 ng
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

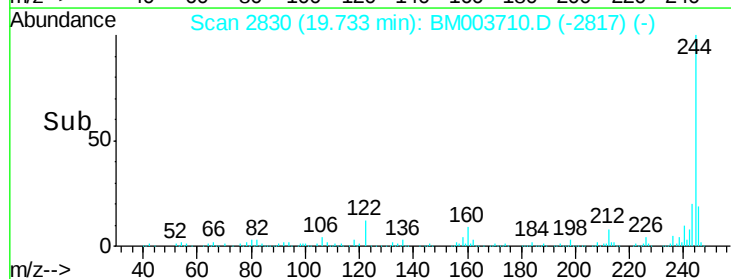
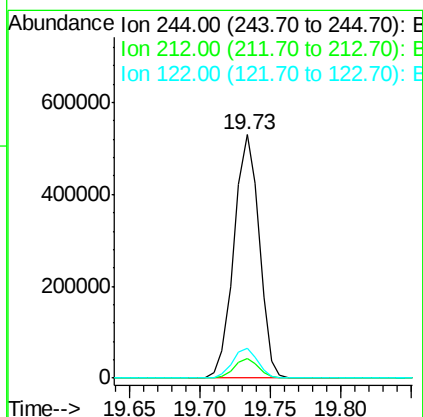
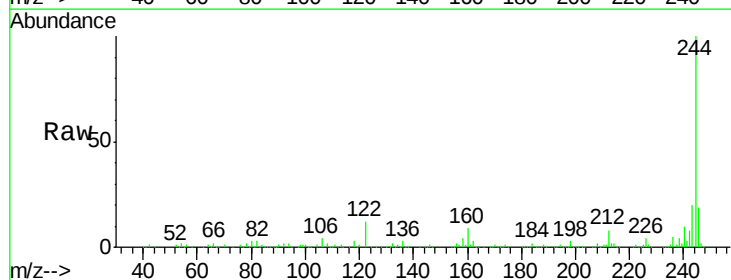
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.2	14.1	21.1



#78
 Terphenyl-d14
 Concen: 83.81 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	4.9	7.3#
122	12.2	6.2	9.4#

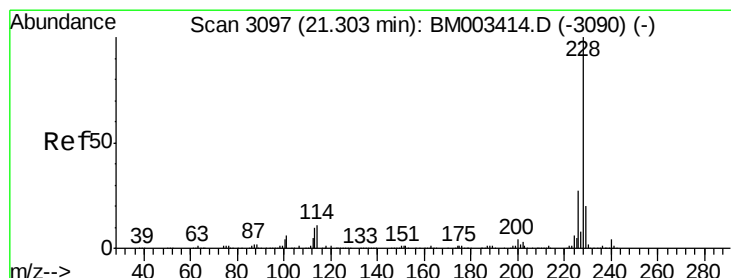
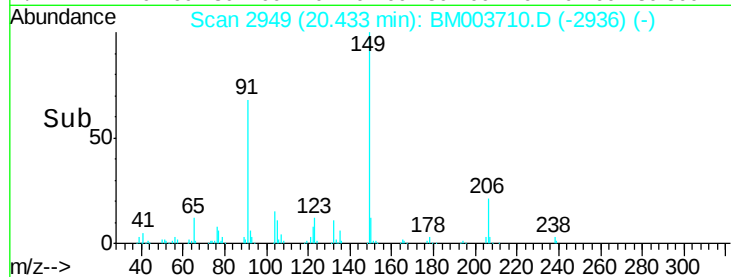
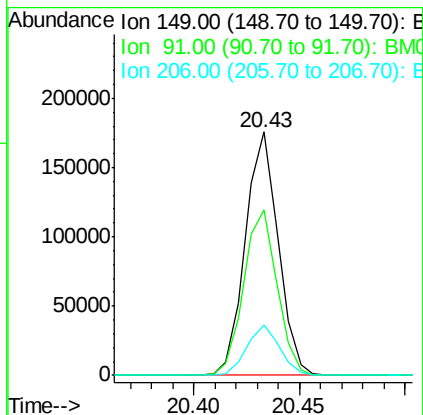
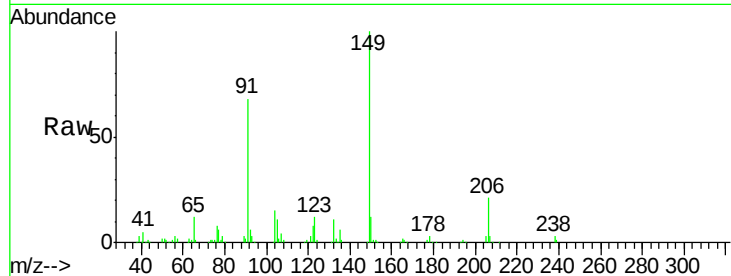




#79
Butylbenzylphthalate
Concen: 37.88 ng
RT: 20.43 min Scan# 2949
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

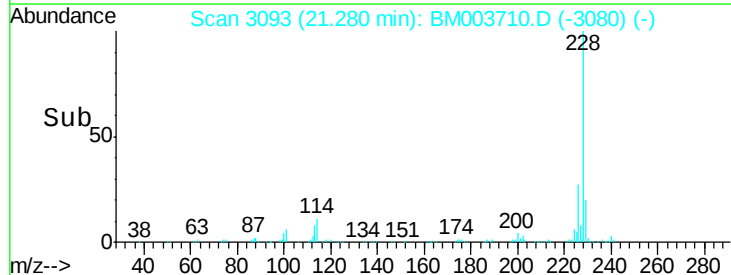
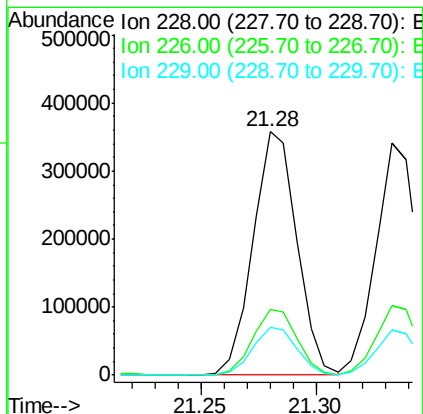
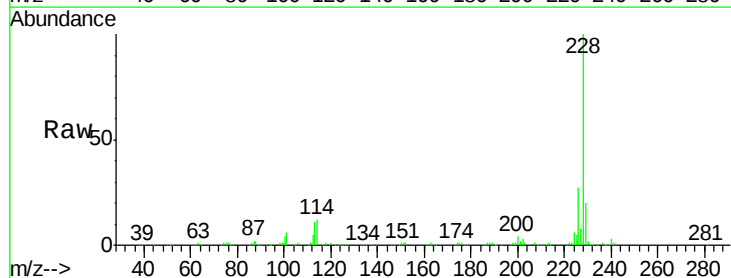
Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion:149 Resp: 190129
Ion Ratio Lower Upper
149 100
91 67.9 50.1 75.1
206 20.7 16.2 24.2



#80
Benzo(a)anthracene
Concen: 42.42 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM003710.D
Acq: 22 Dec 2015 16:21

Tgt Ion:228 Resp: 472673
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.5 16.0 24.0

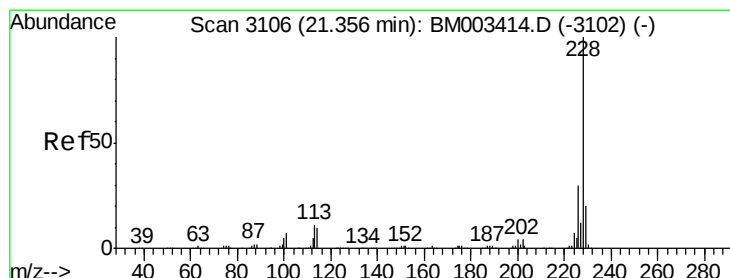
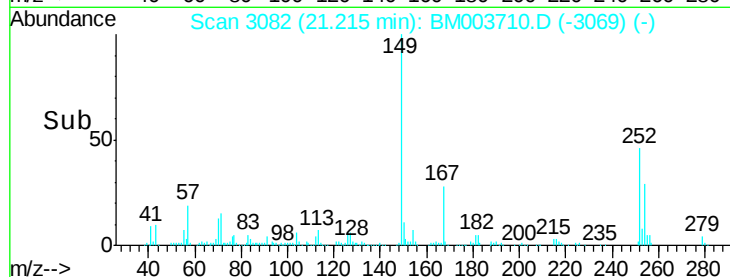
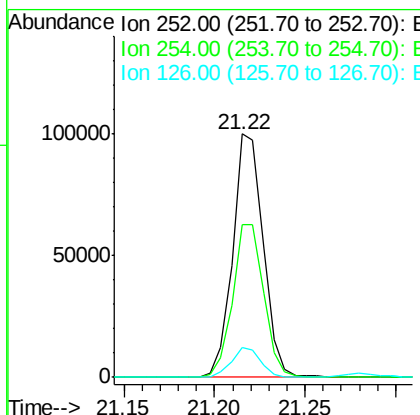
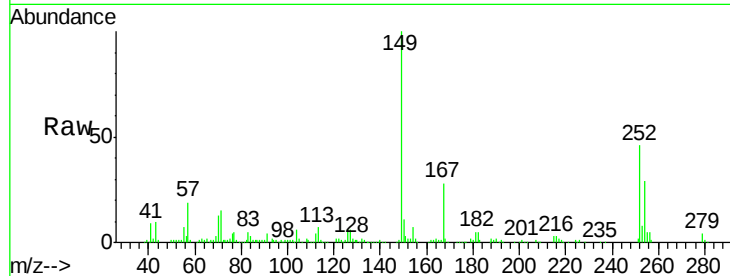




#81
 3,3'-Dichlorobenzidine
 Concen: 32.91 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

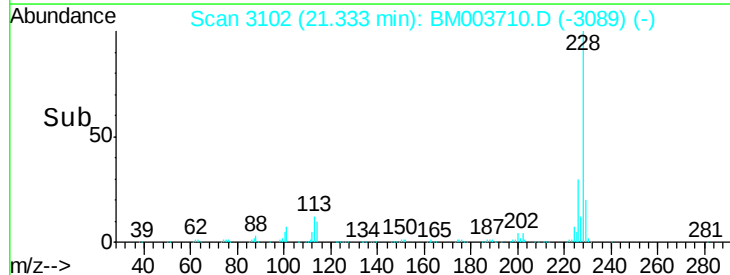
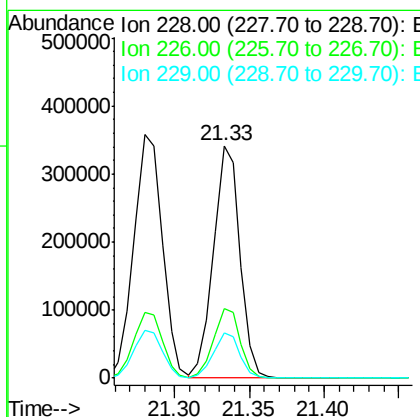
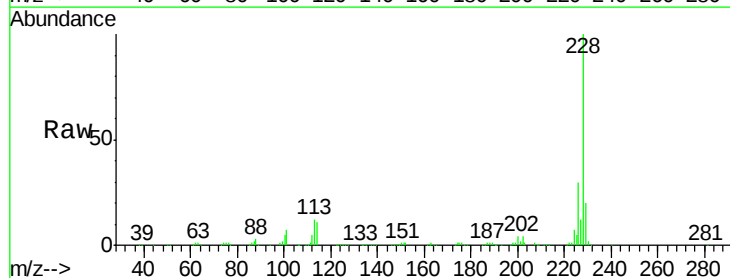
Instrument :
 BNA_M
 ClientSampled :
 PB87153BS

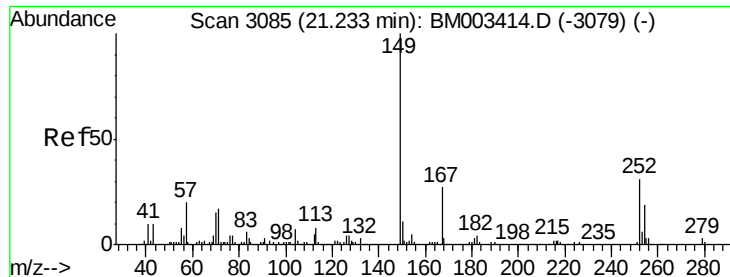
Tgt Ion: 252 Resp: 116757
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.9 77.9
 126 12.3 9.8 14.8



#82
 Chrysene
 Concen: 39.57 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion: 228 Resp: 424341
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.1 36.1
 229 19.7 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.80 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

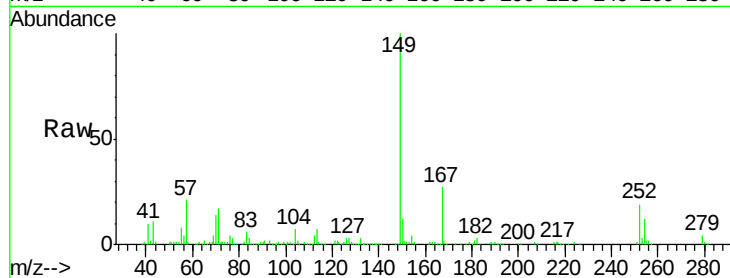
Tgt Ion:149 Resp: 267044

Ion Ratio Lower Upper

149 100

167 27.1 22.4 33.6

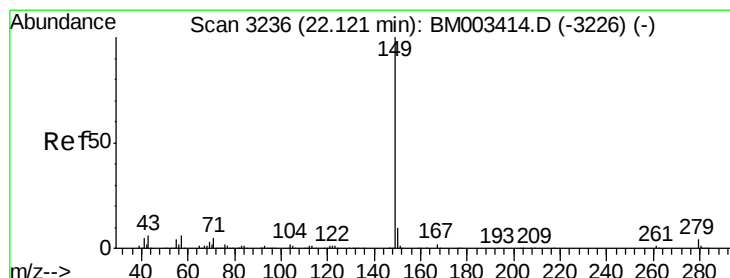
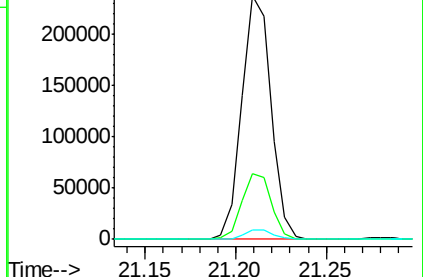
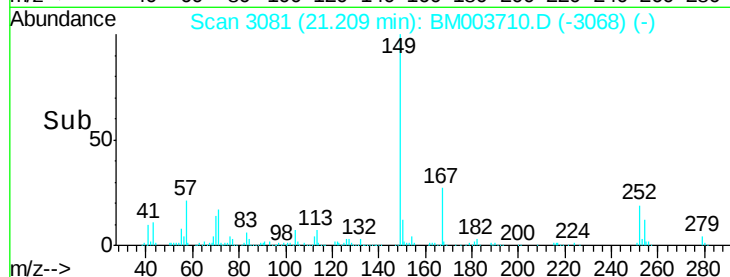
279 3.6 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 39.73 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

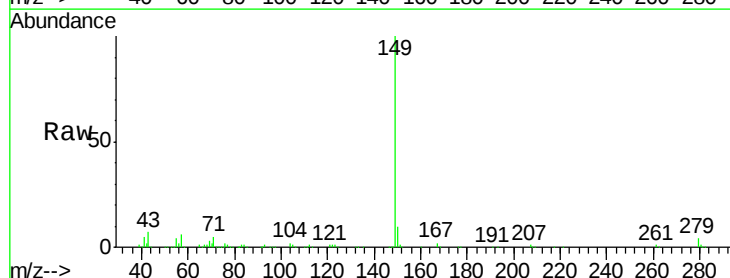
Tgt Ion:149 Resp: 451836

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

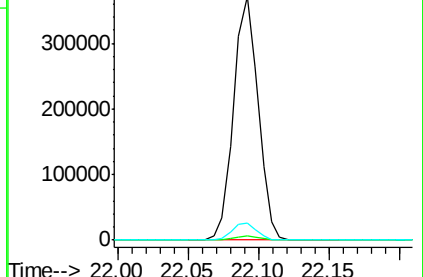
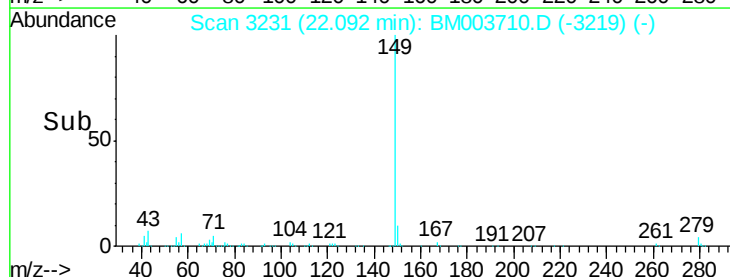
43 7.0 7.3 10.9#

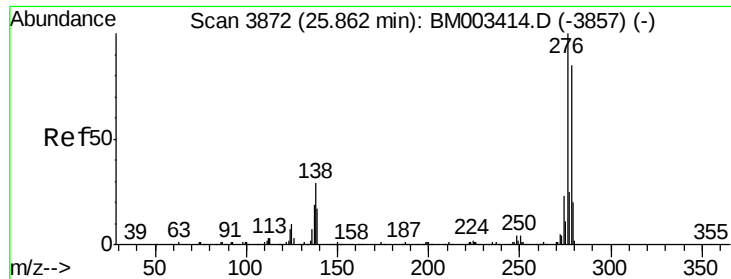


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

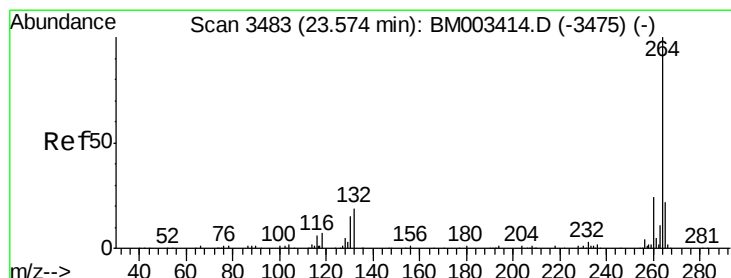
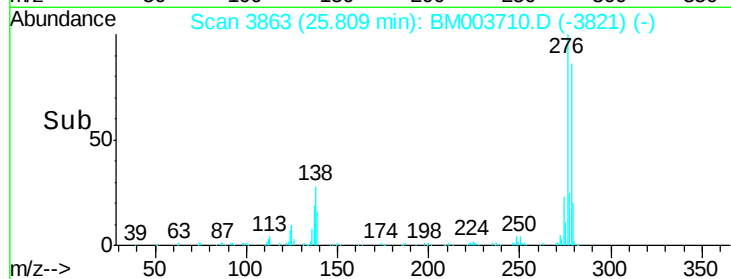
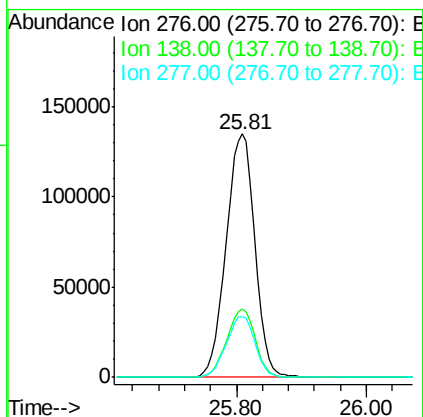
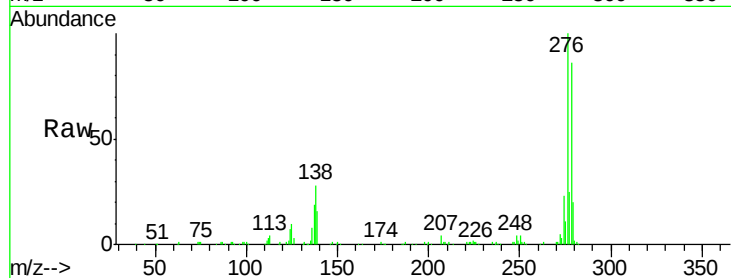




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.54 ng
 RT: 25.81 min Scan# 3863
 Delta R.T. -0.05 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

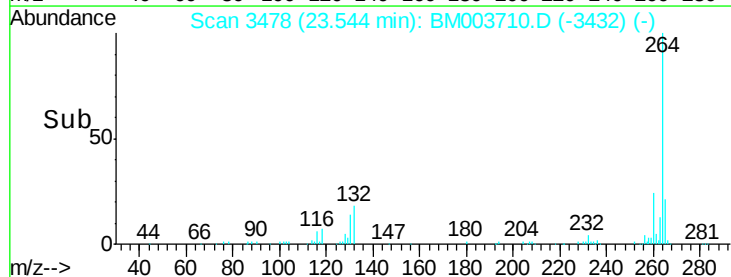
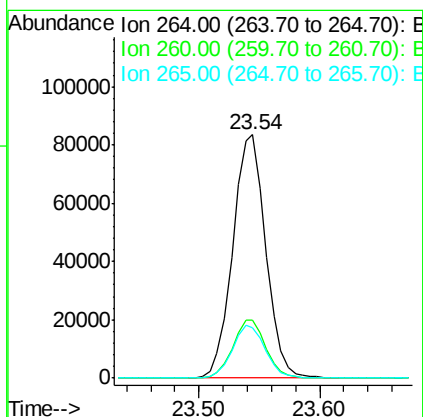
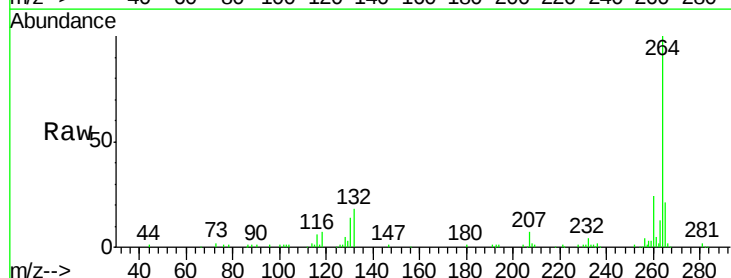
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

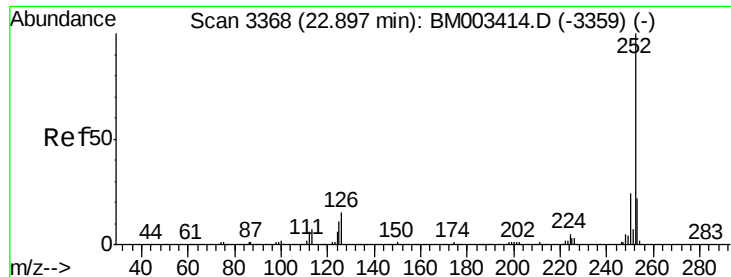
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	0.0	0.0#
277	25.0	0.0	0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.54 min Scan# 3478
 Delta R.T. -0.03 min
 Lab File: BM003710.D
 Acq: 22 Dec 2015 16:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	20.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 40.79 ng

RT: 22.87 min Scan# 3363

Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

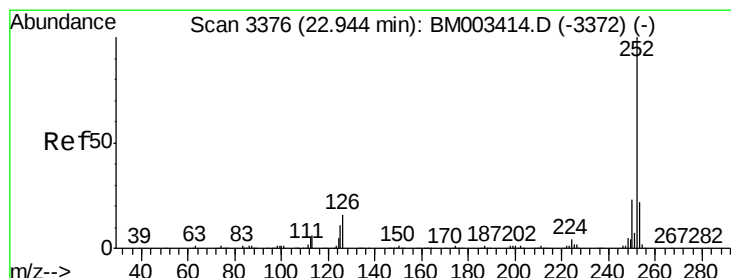
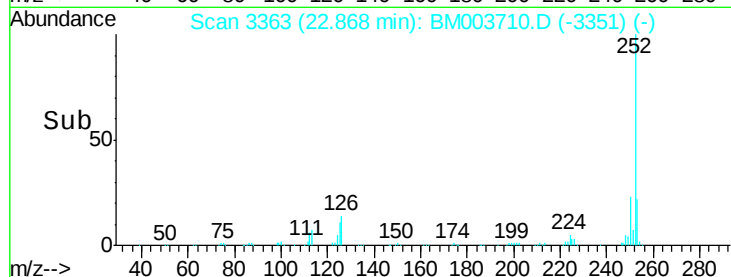
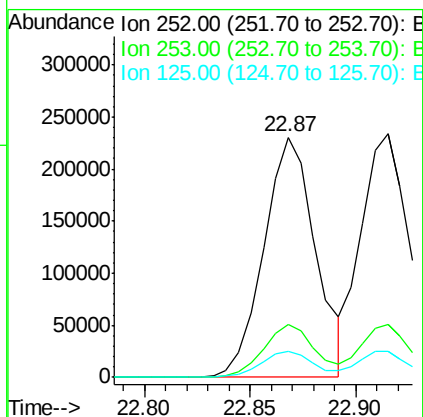
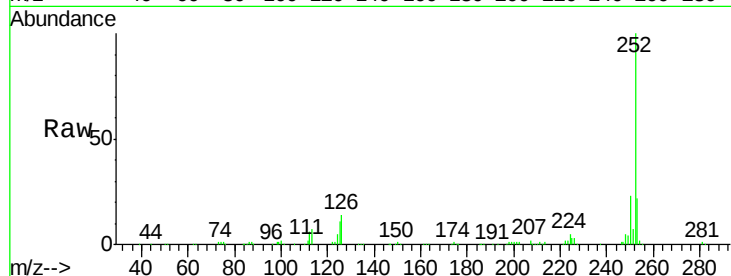
Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion:	252	Resp:	393472
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.9	9.9	14.9



#88

Benzo(k)fluoranthene

Concen: 39.49 ng

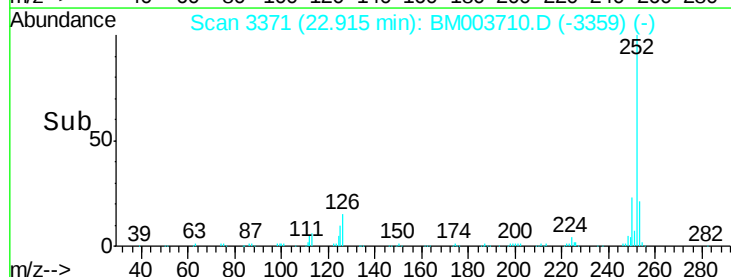
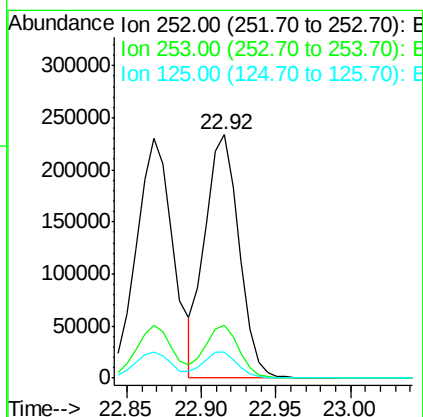
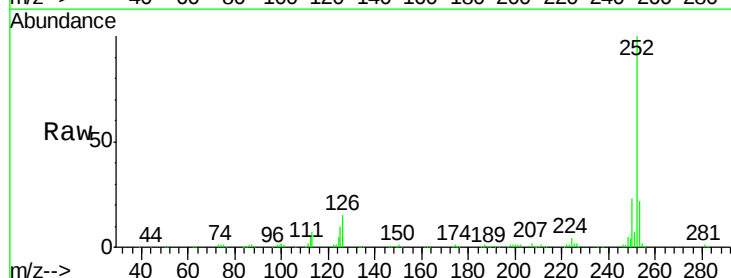
RT: 22.92 min Scan# 3371

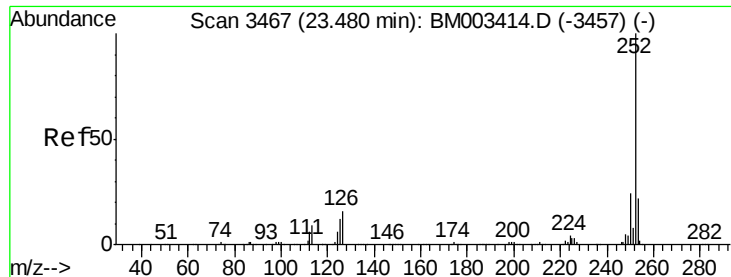
Delta R.T. -0.03 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Tgt Ion:	252	Resp:	371825
Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	10.5	8.1	12.1





#89

Benzo(a)pyrene

Concen: 39.68 ng

RT: 23.44 min Scan# 3461

Delta R.T. -0.04 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

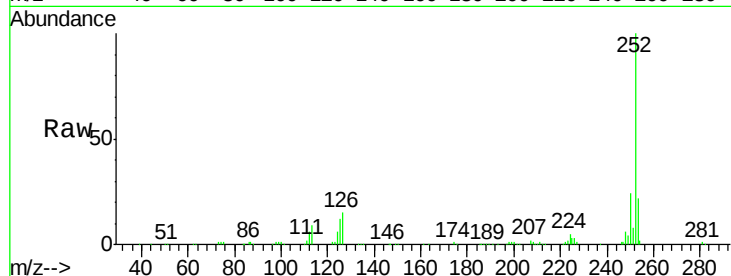
Tgt Ion:252 Resp: 359975

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

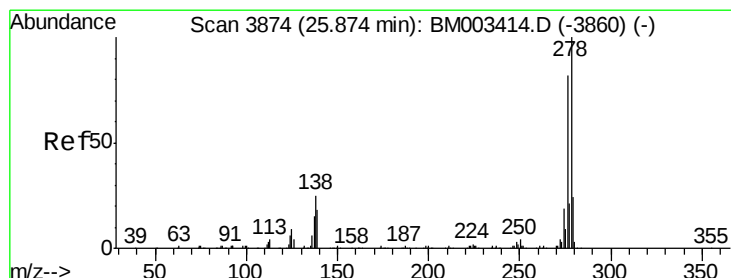
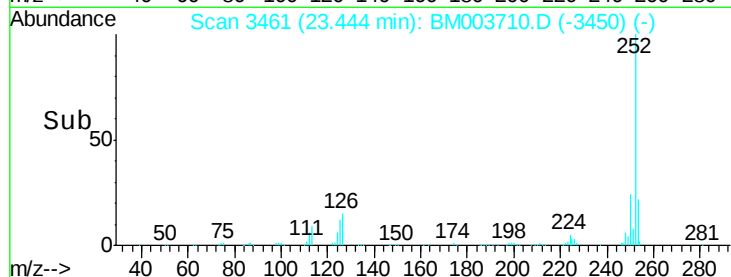
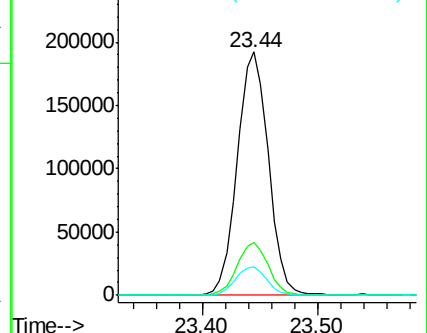
125 11.9 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 38.62 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

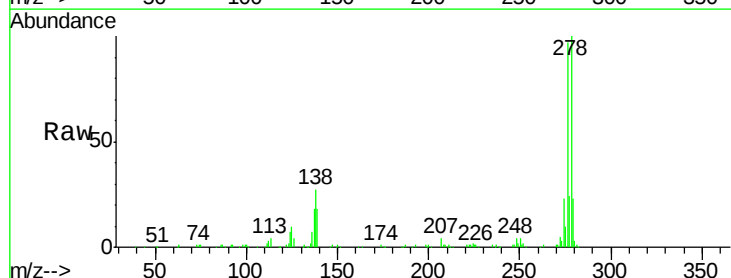
Tgt Ion:278 Resp: 342126

Ion Ratio Lower Upper

278 100

139 17.6 13.4 20.0

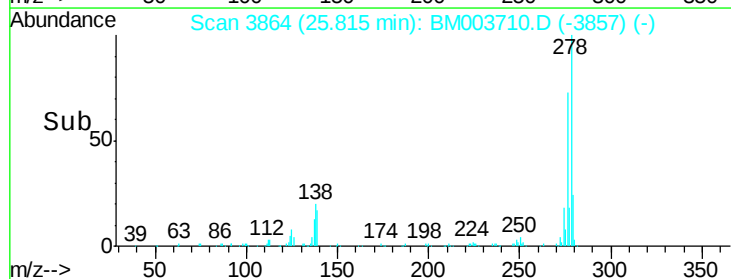
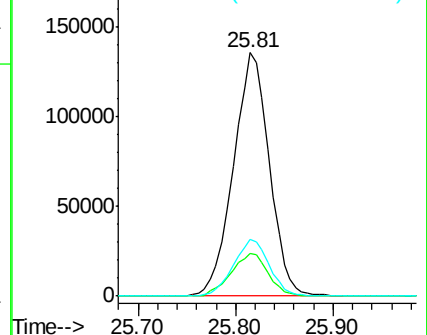
279 23.4 19.0 28.4

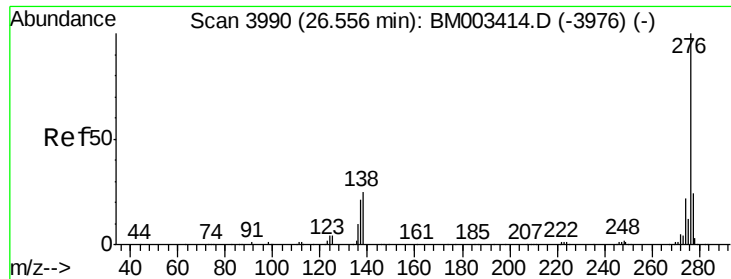


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.90 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.05 min

Lab File: BM003710.D

Acq: 22 Dec 2015 16:21

Instrument :

BNA_M

ClientSampleId :

PB87153BS

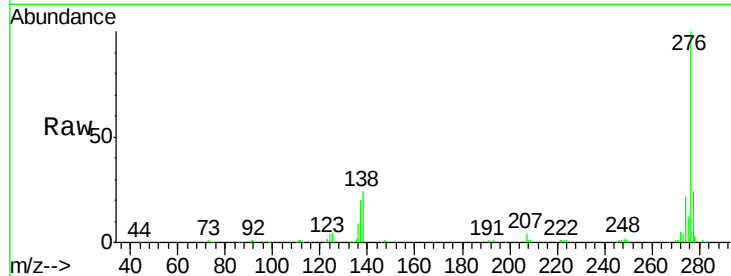
Tgt Ion: 276 Resp: 383922

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 24.5 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

