

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003717.D
 Acq On : 22 Dec 2015 20:37
 Operator : UM/SJ
 Sample : PB87460BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Quant Time: Dec 22 23:36:51 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	34825	20.00	ng	-0.03
21) Naphthalene-d8	10.49	136	140445	20.00	ng	-0.03
38) Acenaphthene-d10	14.35	164	77772	20.00	ng	-0.03
63) Phenanthrene-d10	17.10	188	152432	20.00	ng	-0.02
75) Chrysene-d12	21.29	240	146221	20.00	ng	-0.03
86) Perylene-d12	23.54	264	134236	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	300593	153.46	ng	-0.02
7) Phenol-d6	6.87	99	354742	130.42	ng	-0.02
23) Nitrobenzene-d5	8.85	82	203357	89.78	ng	-0.03
41) 2,4,6-Tribromophenol	15.84	330	98311	126.57	ng	-0.02
44) 2-Fluorobiphenyl	12.96	172	513790	90.01	ng	-0.03
78) Terphenyl-d14	19.73	244	522639	84.29	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	23054	28.37	ng	# 100
3) Pyridine	3.58	79	94141	41.35	ng	91
4) n-Nitrosodimethylamine	3.50	42	33056	45.35	ng	90
6) Aniline	7.02	93	88785	24.80	ng	97
8) 2-Chlorophenol	7.26	128	109698	44.23	ng	98
9) Benzaldehyde	6.83	77	27244	20.43	ng	98
10) Phenol	6.90	94	126870	43.96	ng	# 73
11) bis(2-Chloroethyl)ether	7.12	93	92011	39.40	ng	99
12) 1,3-Dichlorobenzene	7.58	146	111898	41.07	ng	98
13) 1,4-Dichlorobenzene	7.73	146	117165	41.70	ng	96
14) 1,2-Dichlorobenzene	8.05	146	107386	40.03	ng	96
15) Benzyl Alcohol	7.93	79	81107	43.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.23	45	106281	42.61	ng	93
17) 2-Methylphenol	8.14	107	91848	45.52	ng	97
18) Hexachloroethane	8.76	117	39199	40.61	ng	92
19) n-Nitroso-di-n-propylamine	8.50	70	66859	37.47	ng	# 88
20) 3+4-Methylphenols	8.47	107	105394	37.75	ng	97
22) Acetophenone	8.52	105	139525	40.53	ng	# 90
24) Nitrobenzene	8.89	77	106109	43.33	ng	91
25) Isophorone	9.41	82	193230	42.17	ng	96
26) 2-Nitrophenol	9.60	139	49808	40.21	ng	# 87
27) 2,4-Dimethylphenol	9.67	122	90981	42.18	ng	93
28) bis(2-Chloroethoxy)methane	9.90	93	114711	41.67	ng	98
29) 2,4-Dichlorophenol	10.13	162	95927	46.69	ng	98
30) 1,2,4-Trichlorobenzene	10.35	180	95355	41.57	ng	98
31) Naphthalene	10.53	128	302192	41.12	ng	100
32) Benzoic acid	9.80	122	38919	32.68	ng	97
33) 4-Chloroaniline	10.65	127	27948	9.21	ng	# 95
34) Hexachlorobutadiene	10.82	225	56212	41.32	ng	98
35) Caprolactam	11.41	113	27405	40.35	ng	# 75
36) 4-Chloro-3-methylphenol	11.78	107	103509	44.68	ng	88
37) 2-Methylnaphthalene	12.15	142	241122	47.83	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	112436	44.97	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	131270	94.13	ng	98

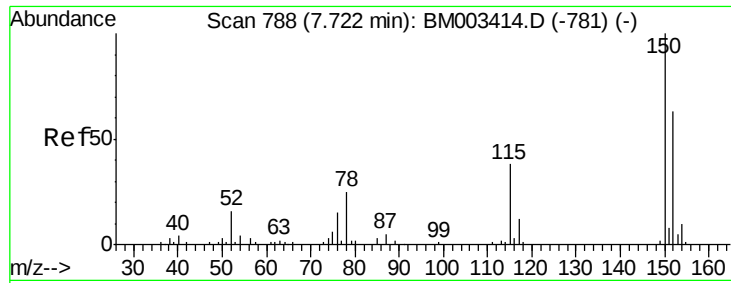
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122315\
 Data File : BM003717.D
 Acq On : 22 Dec 2015 20:37
 Operator : UM/SJ
 Sample : PB87460BS
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Quant Time: Dec 22 23:36:51 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.77	196	71469	43.83	ng	98
43) 2,4,5-Trichlorophenol	12.85	196	77595	45.28	ng #	89
45) 1,1'-Biphenyl	13.17	154	292910	42.47	ng	99
46) 2-Chloronaphthalene	13.22	162	221936	43.81	ng #	92
47) 2-Nitroaniline	13.43	65	54941	43.72	ng	98
48) Acenaphthylene	14.07	152	359134	42.52	ng	99
49) Dimethylphthalate	13.80	163	262107	40.90	ng	100
50) 2,6-Dinitrotoluene	13.93	165	56375	42.16	ng	96
51) Acenaphthene	14.41	154	209453	42.80	ng	99
52) 3-Nitroaniline	14.26	138	23284	17.02	ng #	81
53) 2,4-Dinitrophenol	14.47	184	55905	74.50	ng #	84
54) Dibenzofuran	14.74	168	329877	46.67	ng	94
55) 4-Nitrophenol	14.57	139	92561	81.91	ng	77
56) 2,4-Dinitrotoluene	14.72	165	75244	43.37	ng #	74
57) Fluorene	15.40	166	256073	43.70	ng	100
58) 2,3,4,6-Tetrachlorophenol	14.98	232	59784	45.38	ng #	100
59) Diethylphthalate	15.17	149	257795	40.97	ng	98
60) 4-Chlorophenyl-phenylether	15.39	204	123281	41.60	ng	94
61) 4-Nitroaniline	15.43	138	55429	39.66	ng	76
62) Azobenzene	15.69	77	239932	48.64	ng	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	37362	40.63	ng	88
65) n-Nitrosodiphenylamine	15.61	169	220241	45.70	ng	99
66) 4-Bromophenyl-phenylether	16.29	248	70902	43.14	ng #	84
67) Hexachlorobenzene	16.40	284	77644	43.97	ng #	81
68) Atrazine	16.56	200	66931	44.53	ng	98
69) Pentachlorophenol	16.75	266	80330	79.69	ng	98
70) Phenanthrene	17.14	178	383728	44.86	ng	100
71) Anthracene	17.23	178	383437	45.12	ng	99
72) Carbazole	17.50	167	344764	46.56	ng	99
73) Di-n-butylphthalate	18.06	149	390934	45.17	ng	99
74) Fluoranthene	19.16	202	404457	45.85	ng	98
76) Benzidine	19.35	184	120787	25.79	ng	99
77) Pyrene	19.53	202	425289	41.47	ng	100
79) Butylbenzylphthalate	20.43	149	162467	41.14	ng	95
80) Benzo(a)anthracene	21.28	228	380580	43.41	ng	99
81) 3,3'-Dichlorobenzidine	21.22	252	85326	30.57	ng	98
82) Chrysene	21.33	228	349719	41.45	ng	99
83) Bis(2-ethylhexyl)phthalate	21.21	149	230358	42.53	ng	99
84) Di-n-octyl phthalate	22.09	149	398799	44.57	ng #	95
85) Indeno(1,2,3-cd)pyrene	25.80	276	429933	48.50	ng #	100
87) Benzo(b)fluoranthene	22.86	252	362732	44.45	ng	98
88) Benzo(k)fluoranthene	22.91	252	349639	43.89	ng	99
89) Benzo(a)pyrene	23.44	252	349821	45.58	ng #	97
90) Dibenzo(a,h)anthracene	25.81	278	359377	47.96	ng	98
91) Benzo(g,h,i)perylene	26.50	276	370126	48.89	ng	99

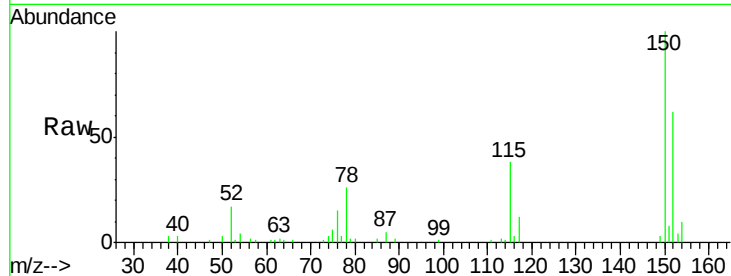
(#) = qualifier out of range (m) = manual integration (+) = signals summed



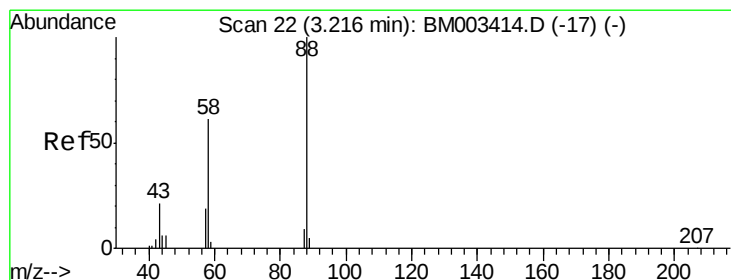
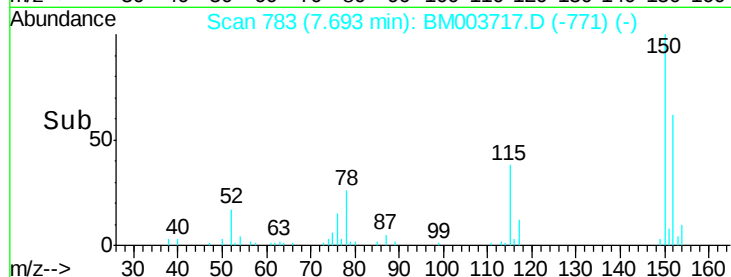
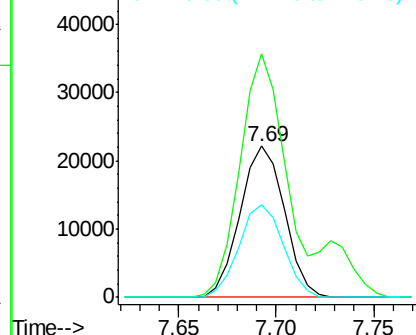
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 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.69 min Scan# 783
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion:152 Resp: 34825
 Ion Ratio Lower Upper
 152 100
 150 160.9 119.5 179.3
 115 61.5 43.0 64.4

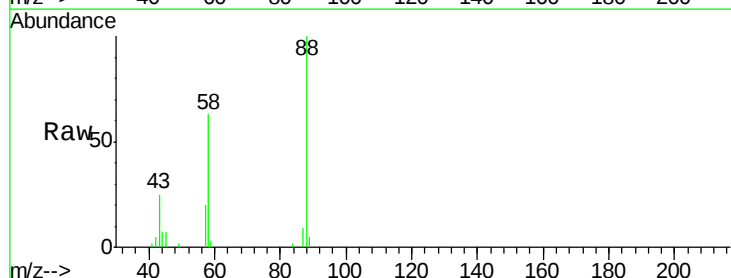


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

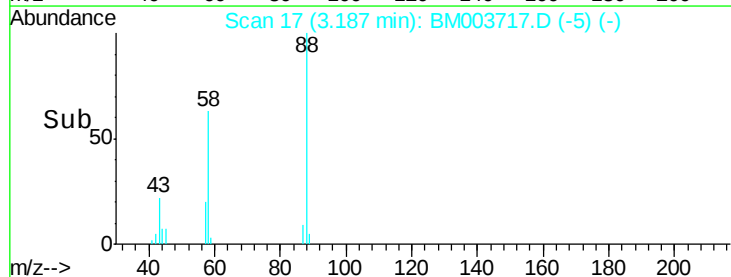
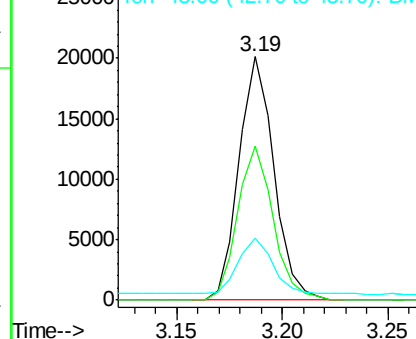


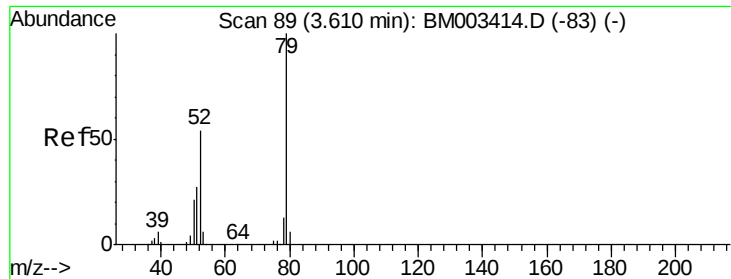
#2
 1,4-Dioxane
 Concen: 28.37 ng
 RT: 3.19 min Scan# 17
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion: 88 Resp: 23054
 Ion Ratio Lower Upper
 88 100
 58 64.1 0.0 0.0#
 43 23.7 0.0 0.0#



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





#3

Pyridine

Concen: 41.35 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

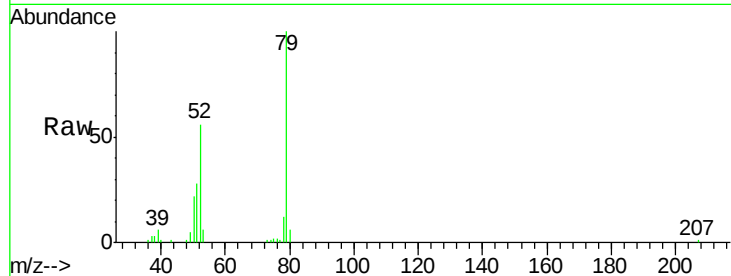
Tgt Ion: 79 Resp: 94141

Ion Ratio Lower Upper

79 100

52 56.3 51.1 76.7

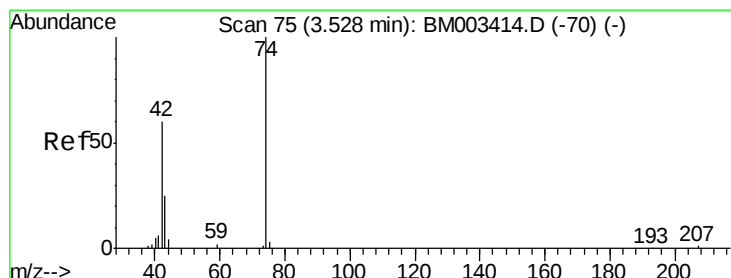
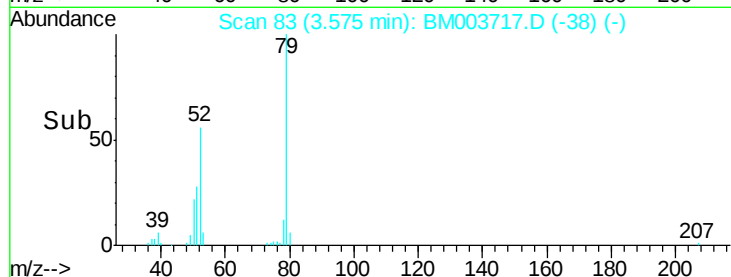
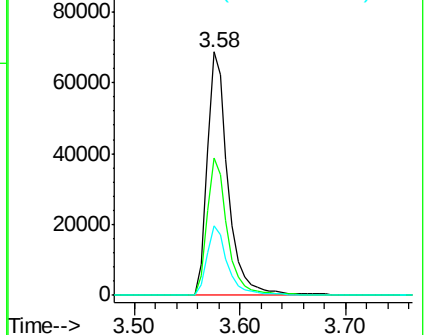
51 28.4 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003717.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003717.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003717.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 45.35 ng

RT: 3.50 min Scan# 70

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

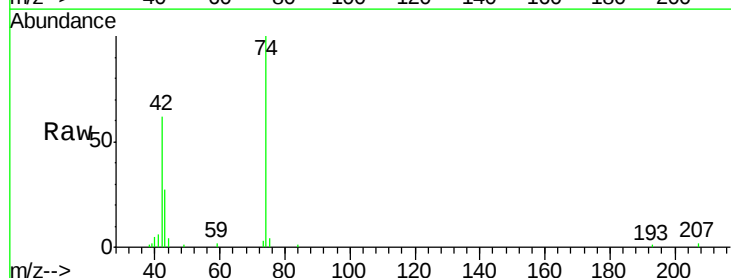
Tgt Ion: 42 Resp: 33056

Ion Ratio Lower Upper

42 100

74 162.0 119.3 178.9

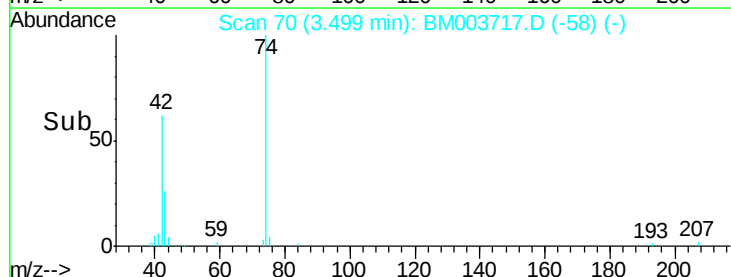
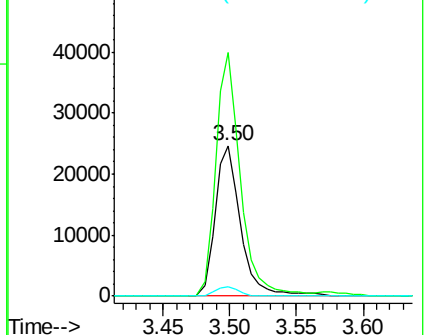
44 6.2 5.4 8.2



Abundance Ion 42.00 (41.70 to 42.70): BM003717.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM003717.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM003717.D (-58) (-)





#5

2-Fluorophenol

Concen: 153.46 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampled :

PB87460BS

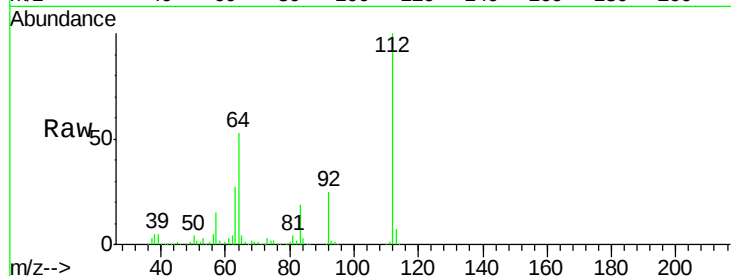
Tgt Ion: 112 Resp: 300593

Ion Ratio Lower Upper

112 100

64 52.6 38.6 57.8

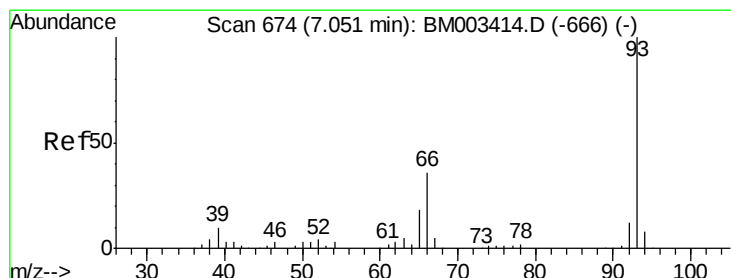
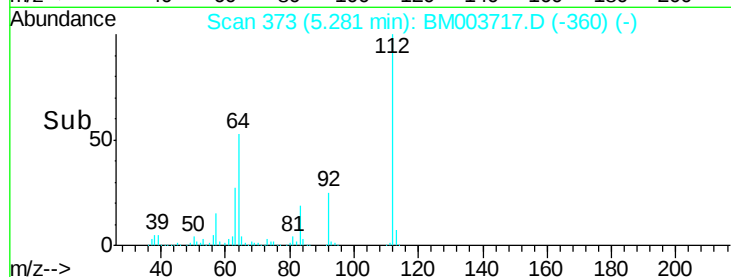
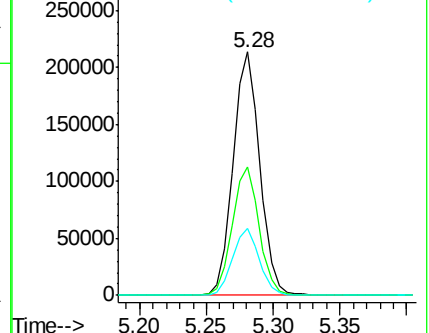
63 27.3 19.3 28.9



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: 24.80 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

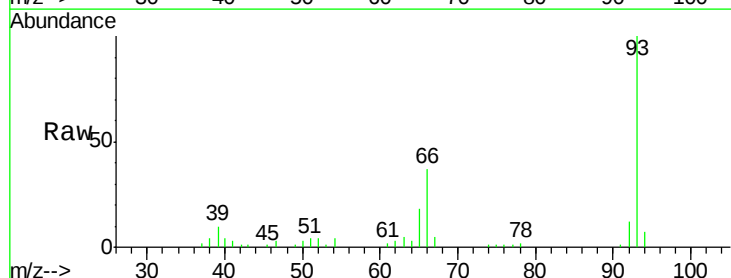
Tgt Ion: 93 Resp: 88785

Ion Ratio Lower Upper

93 100

66 37.3 30.8 46.2

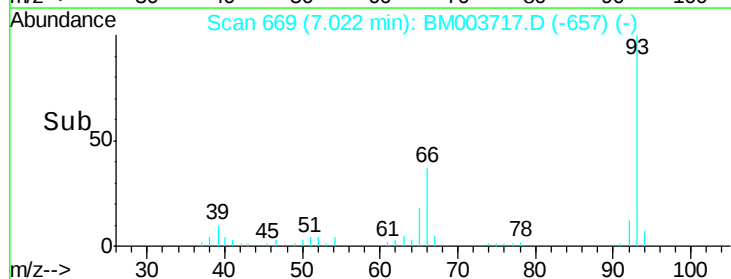
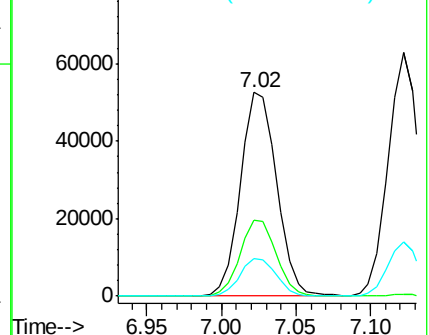
65 18.3 16.0 24.0

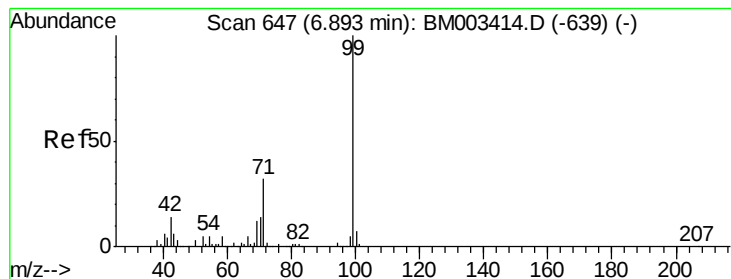


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 130.42 ng

RT: 6.87 min Scan# 644

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

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BNA_M

ClientSampleId :

PB87460BS

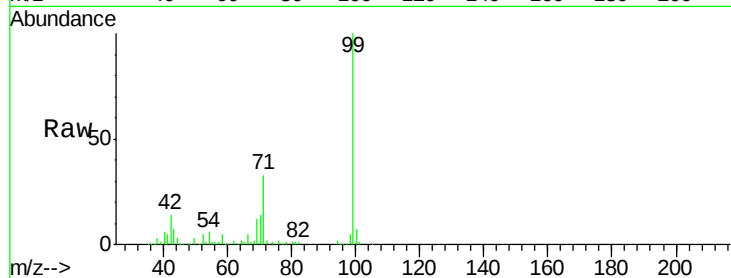
Tgt Ion: 99 Resp: 354742

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.4

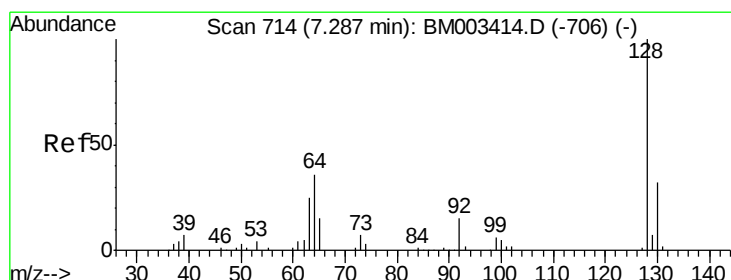
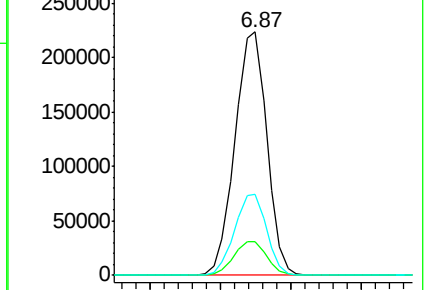
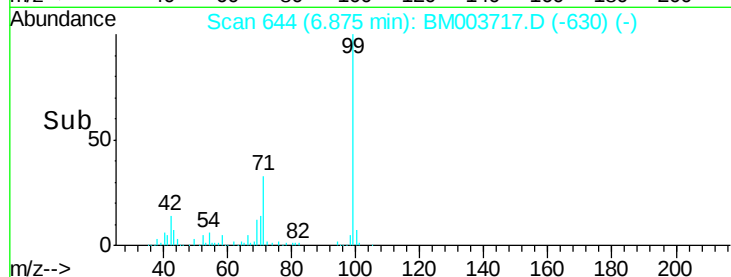
71 33.3 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003717.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM003717.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM003717.D (-630) (-)



#8

2-Chlorophenol

Concen: 44.23 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

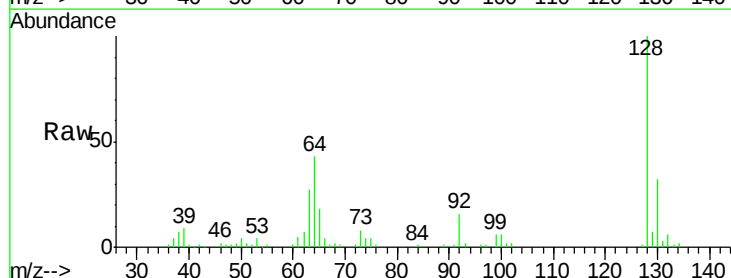
Tgt Ion: 128 Resp: 109698

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

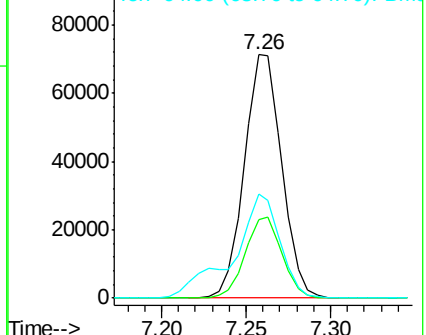
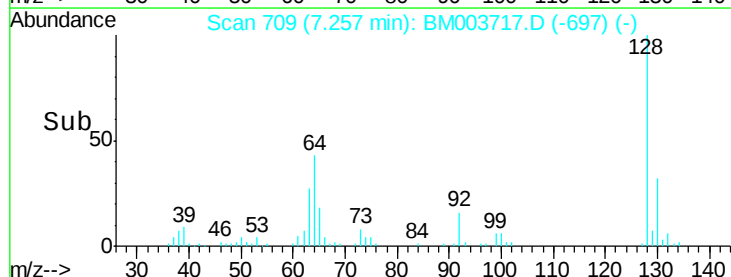
64 42.5 24.9 64.9

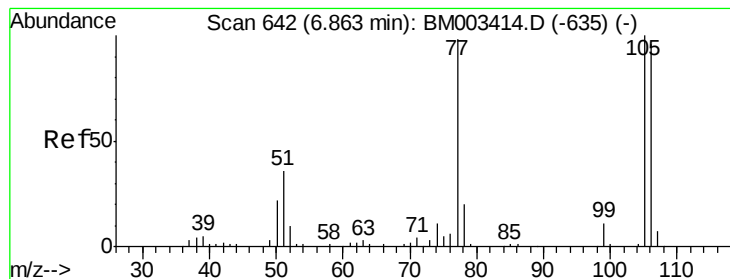


Abundance Ion 128.00 (127.70 to 128.70): BM003717.D (-697) (-)

Ion 130.00 (129.70 to 130.70): BM003717.D (-697) (-)

Ion 64.00 (63.70 to 64.70): BM003717.D (-697) (-)





#9

Benzaldehyde

Concen: 20.43 ng

RT: 6.83 min Scan# 637

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

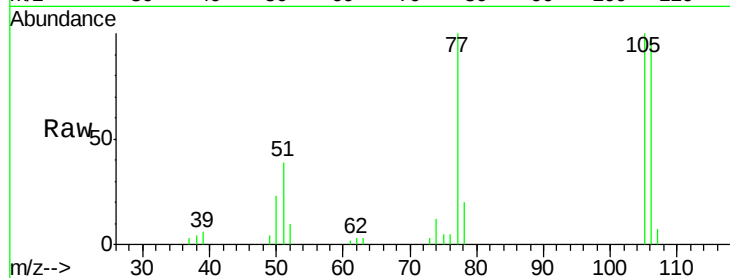
Tgt Ion: 77 Resp: 27244

Ion Ratio Lower Upper

77 100

105 99.5 78.8 118.8

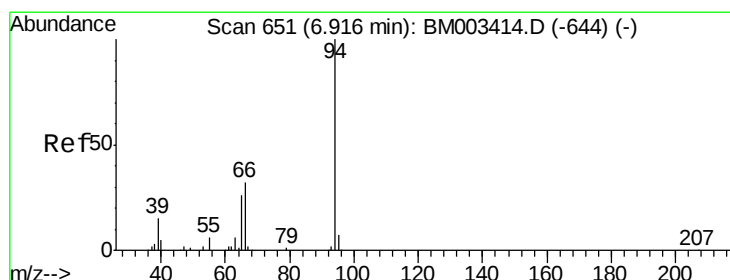
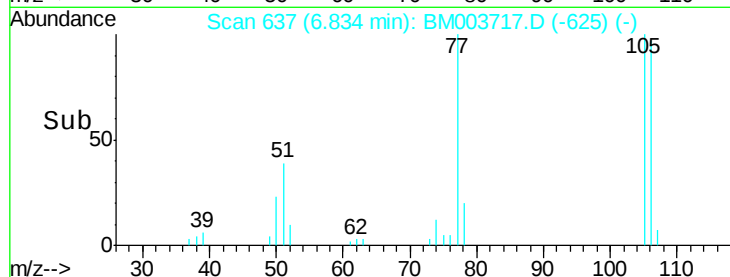
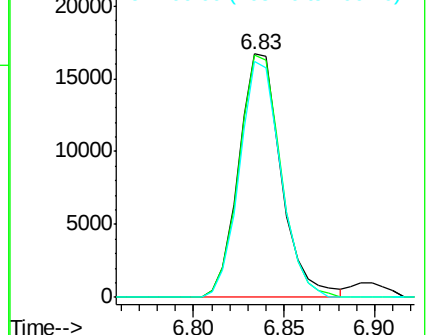
106 96.9 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM003717.D (-625) (-)

Ion 105.00 (104.70 to 105.70): BM003717.D (-625) (-)

Ion 106.00 (105.70 to 106.70): BM003717.D (-625) (-)



#10

Phenol

Concen: 43.96 ng

RT: 6.90 min Scan# 648

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

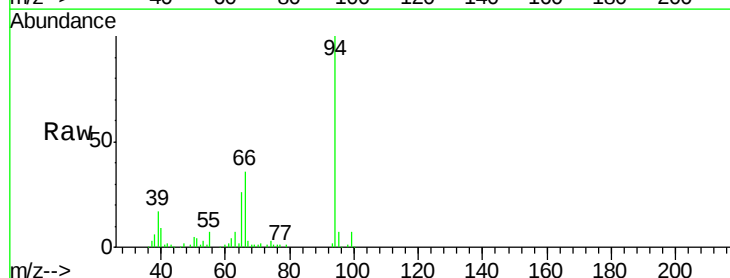
Tgt Ion: 94 Resp: 126870

Ion Ratio Lower Upper

94 100

65 26.4 18.8 58.8

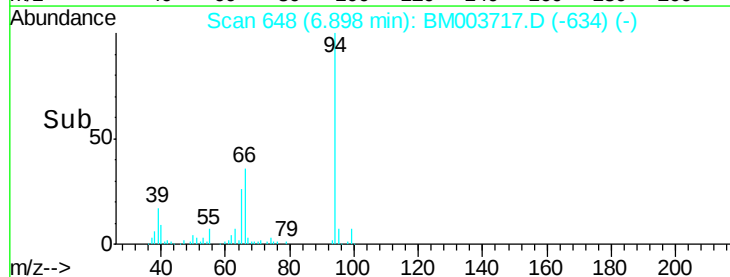
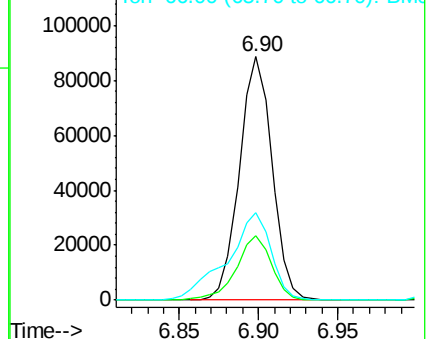
66 36.1 39.9 79.9#

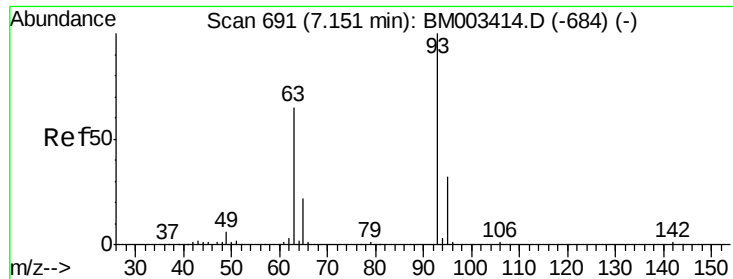


Abundance Ion 94.00 (93.70 to 94.70): BM003717.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM003717.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM003717.D (-634) (-)

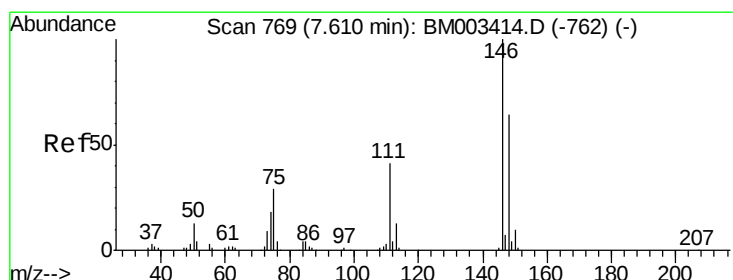
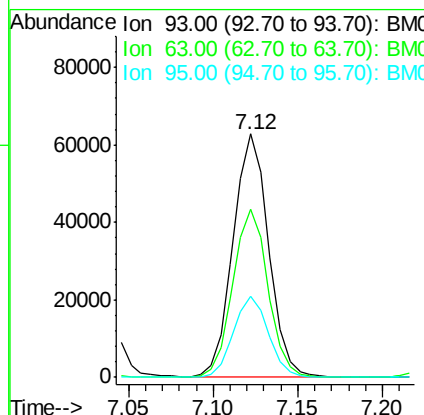
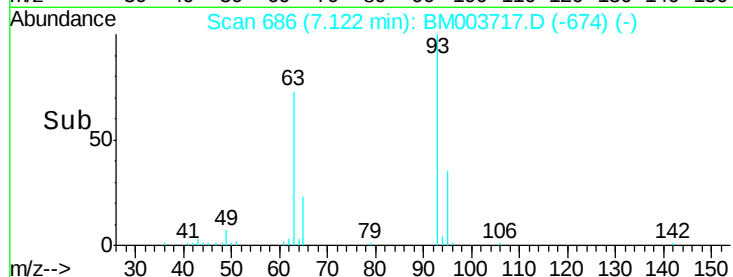
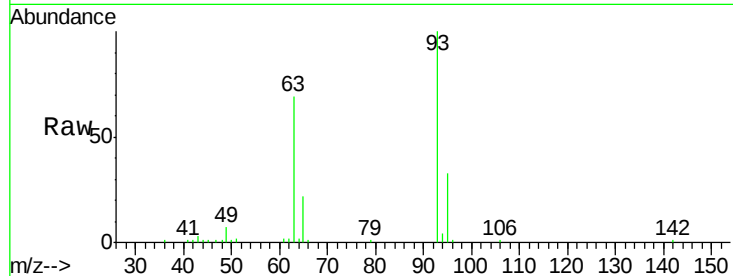




#11
bis(2-Chloroethyl)ether
Concen: 39.40 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

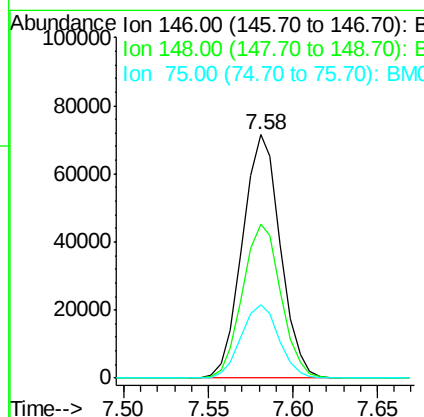
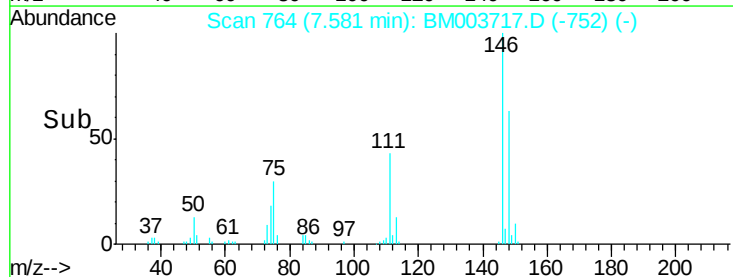
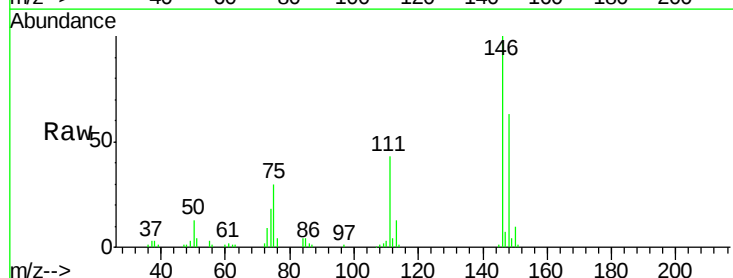
Instrument :
BNA_M
ClientSampleId :
PB87460BS

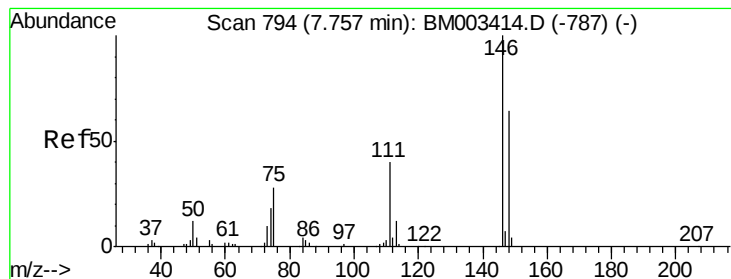
Tgt Ion: 93 Resp: 92011
Ion Ratio Lower Upper
93 100
63 68.9 49.5 89.5
95 33.3 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 41.07 ng
RT: 7.58 min Scan# 764
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion: 146 Resp: 111898
Ion Ratio Lower Upper
146 100
148 63.4 50.9 76.3
75 30.0 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 41.70 ng

RT: 7.73 min Scan# 789

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

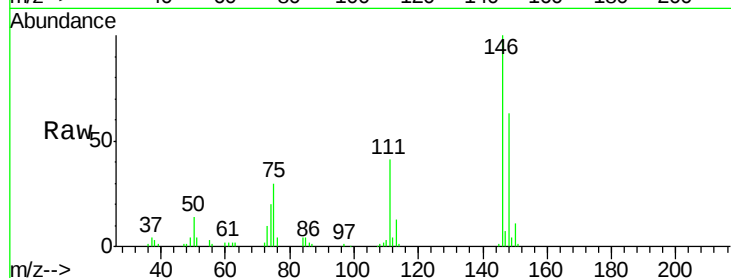
Tgt Ion:146 Resp: 117165

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

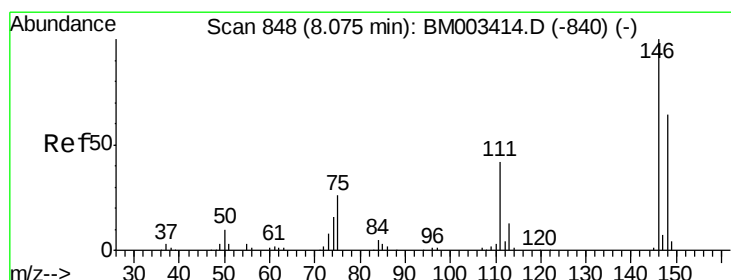
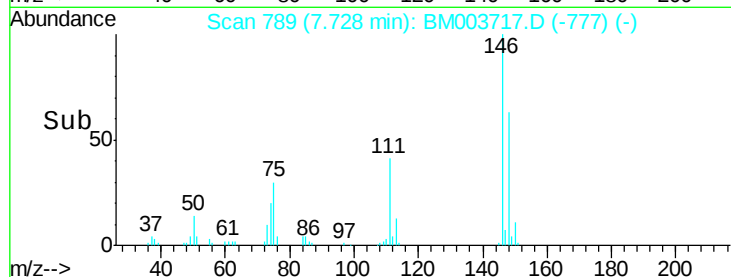
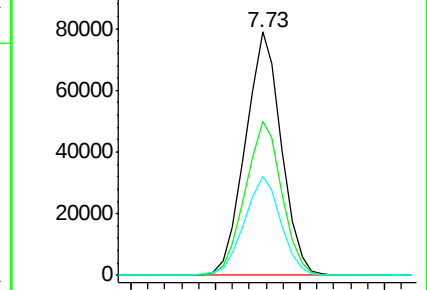
111 40.9 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.03 ng

RT: 8.05 min Scan# 843

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

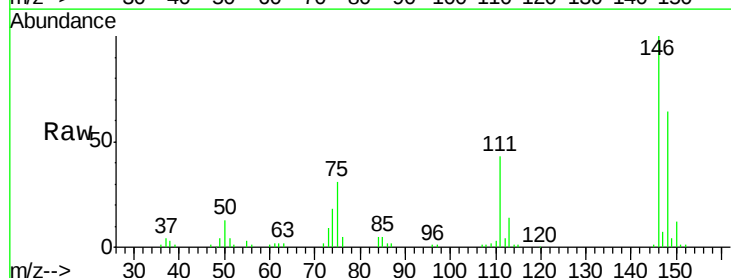
Tgt Ion:146 Resp: 107386

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

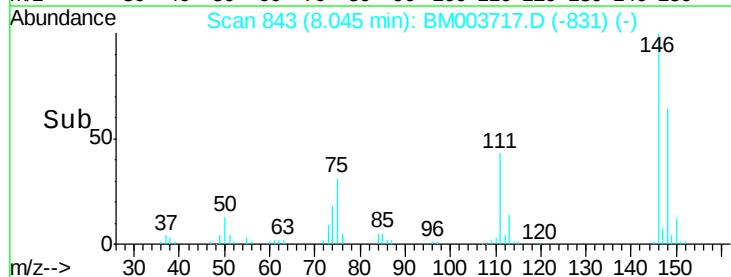
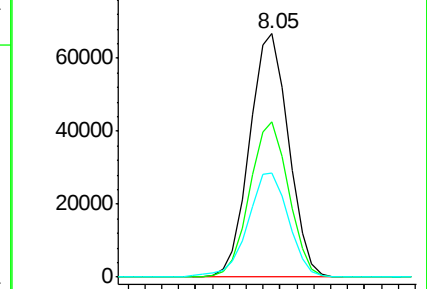
111 42.6 30.6 45.8

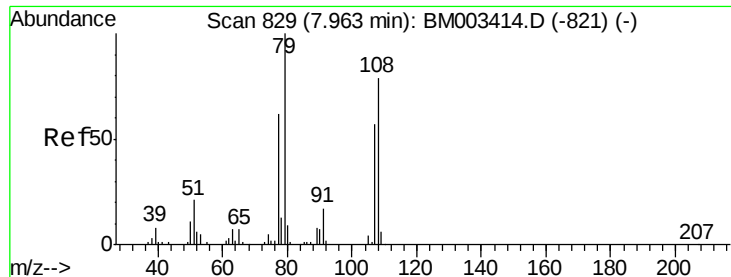


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.09 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

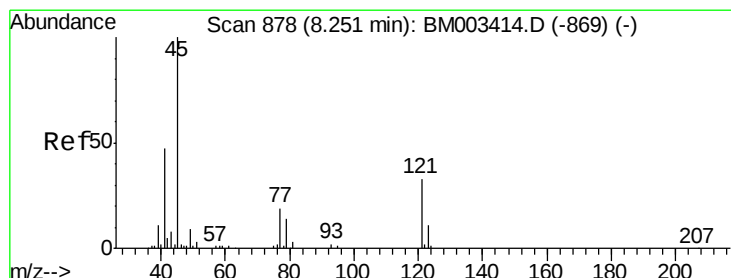
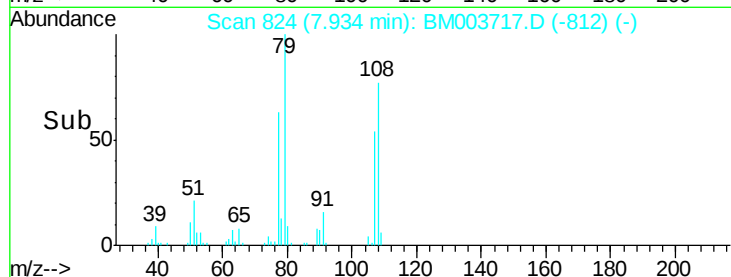
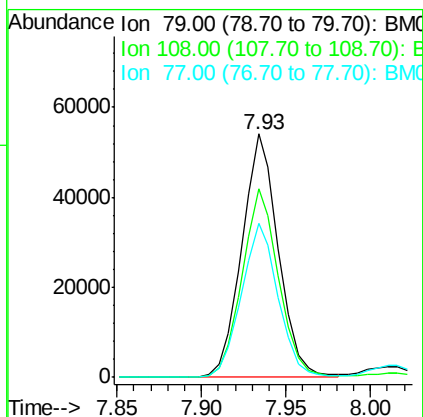
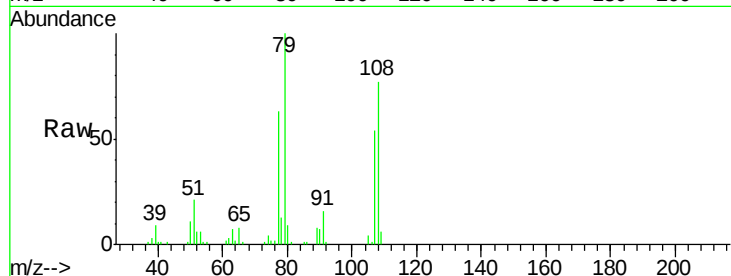
Tgt Ion: 79 Resp: 81107

Ion Ratio Lower Upper

79 100

108 77.4 65.0 97.4

77 63.4 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.61 ng

RT: 8.23 min Scan# 874

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

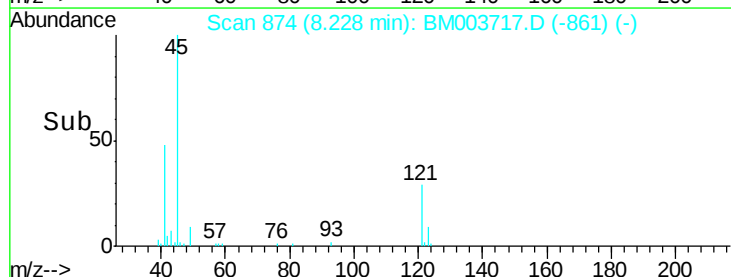
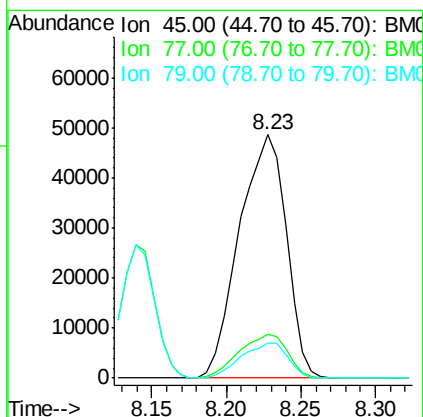
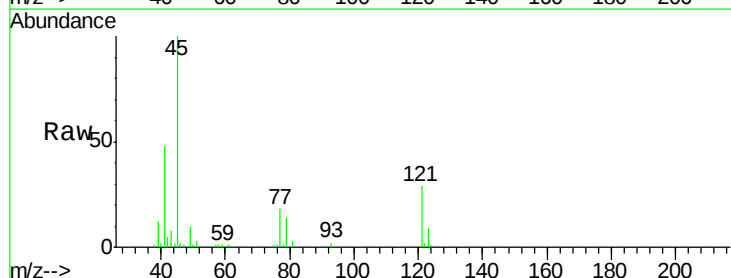
Tgt Ion: 45 Resp: 106281

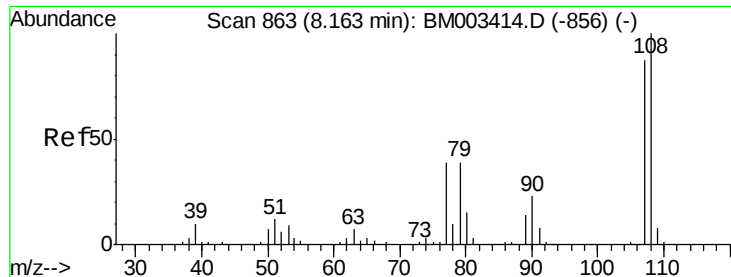
Ion Ratio Lower Upper

45 100

77 18.1 0.0 35.2

79 14.3 0.0 32.0

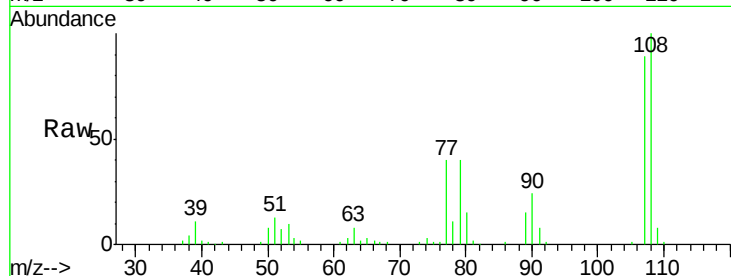




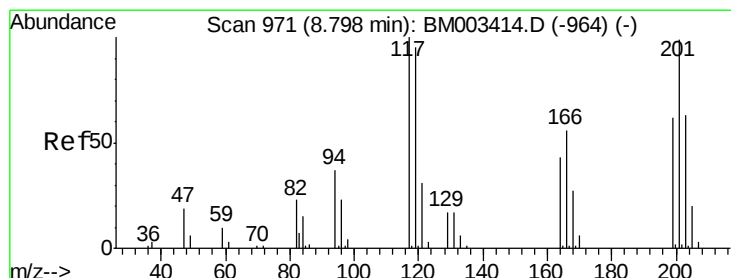
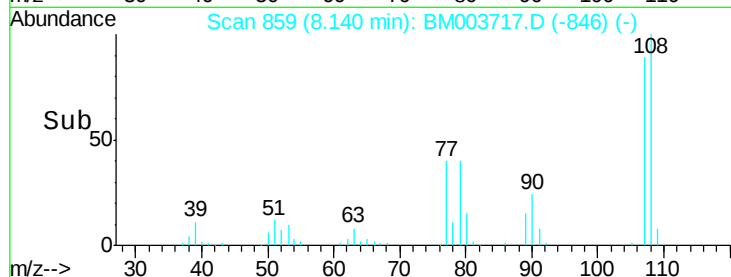
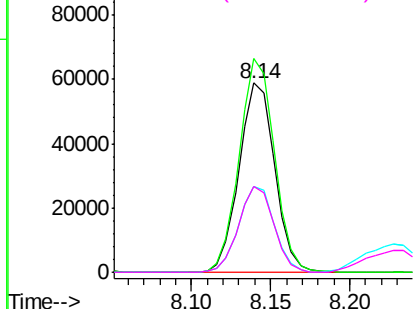
#17
2-Methylphenol
Concen: 45.52 ng
RT: 8.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion:107 Resp: 91848
Ion Ratio Lower Upper
107 100
108 112.8 89.8 134.8
77 45.3 32.6 48.8
79 45.3 32.8 49.2

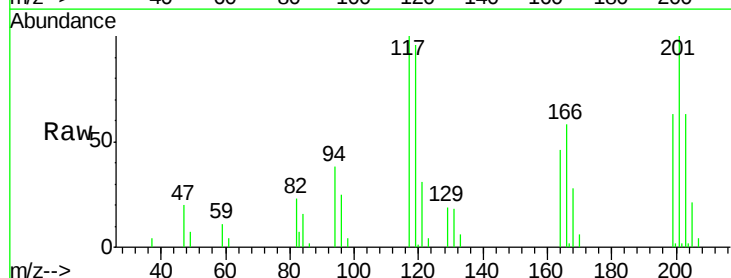


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM
Ion 79.00 (78.70 to 79.70): BM

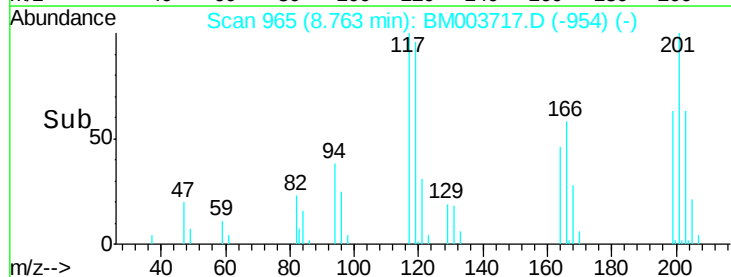
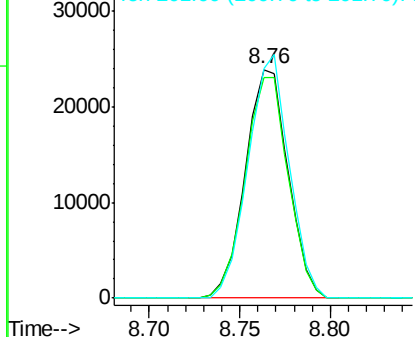


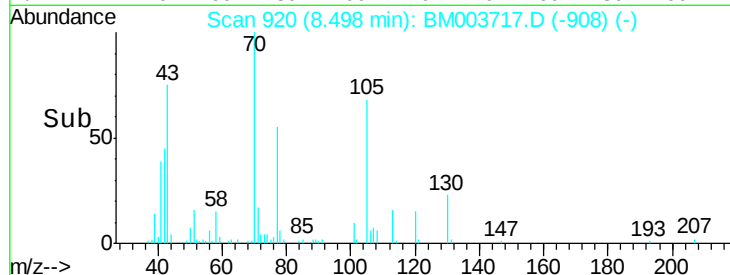
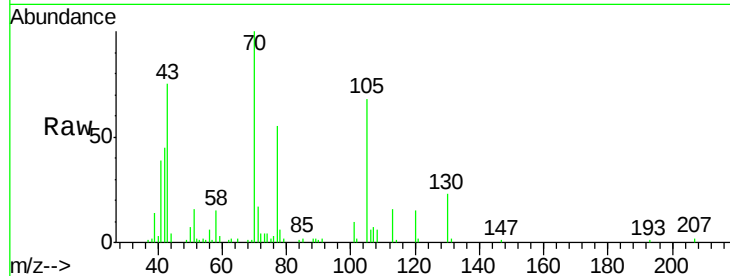
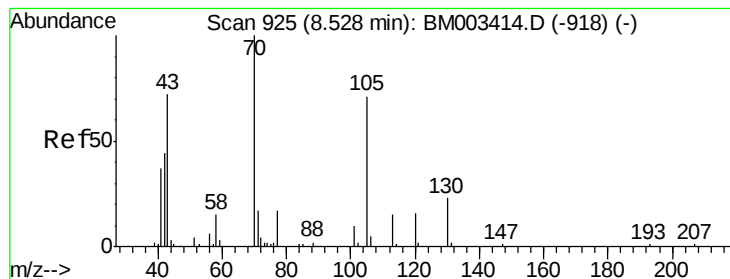
#18
Hexachloroethane
Concen: 40.61 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.04 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:117 Resp: 39199
Ion Ratio Lower Upper
117 100
119 96.6 79.2 118.8
201 100.4 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 37.47 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

Tgt Ion: 70 Resp: 66859

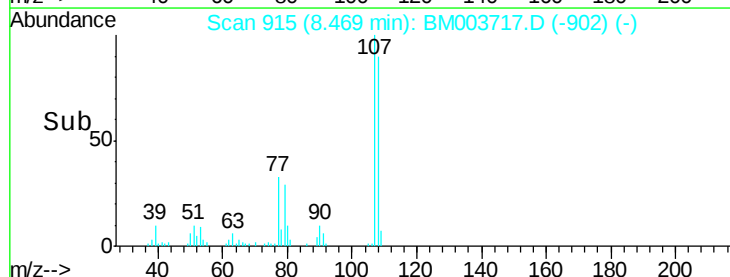
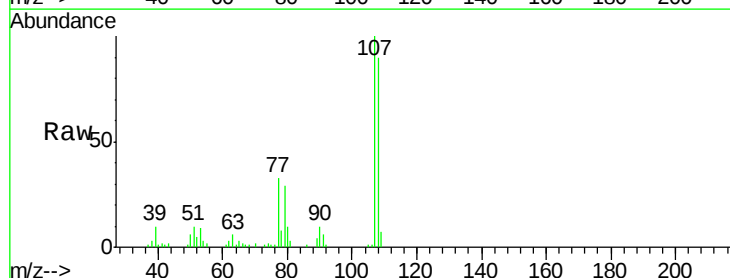
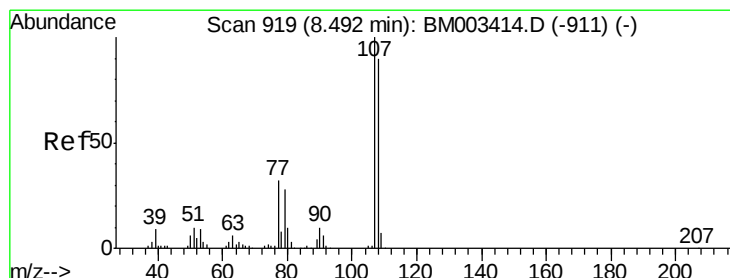
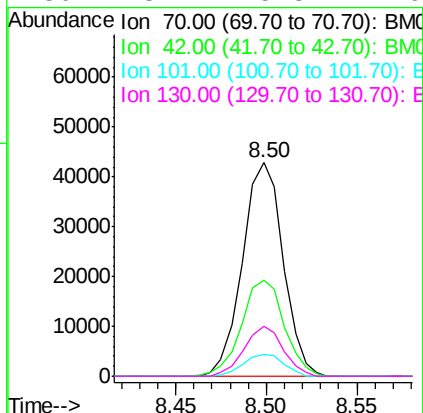
Ion Ratio Lower Upper

70 100

42 45.2 44.5 66.7

101 10.4 7.4 11.2

130 23.1 15.3 22.9#



#20

3+4-Methylphenols

Concen: 37.75 ng

RT: 8.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Tgt Ion: 107 Resp: 105394

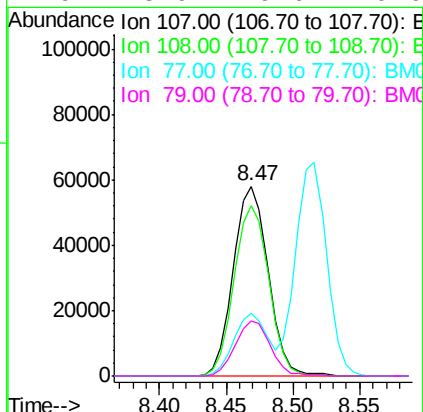
Ion Ratio Lower Upper

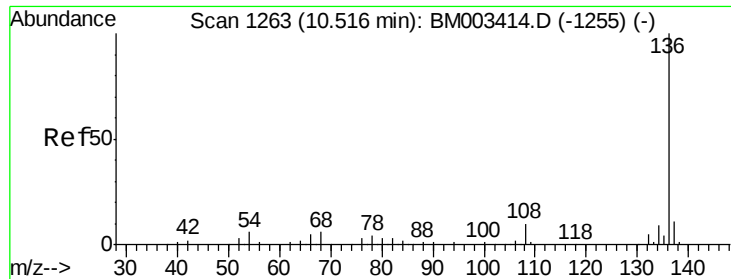
107 100

108 89.8 73.2 113.2

77 33.3 10.7 50.7

79 28.9 9.6 49.6

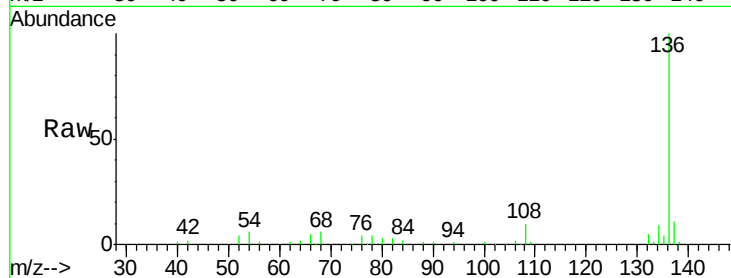




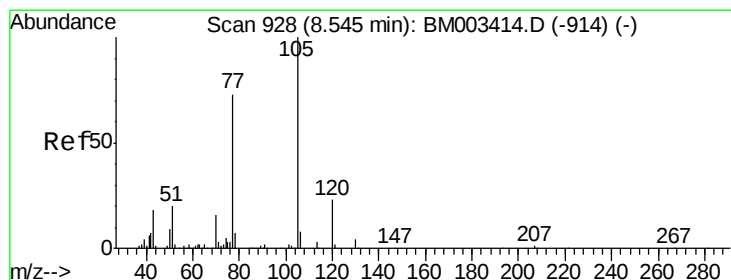
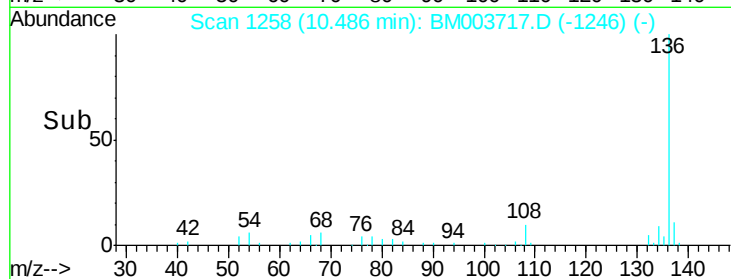
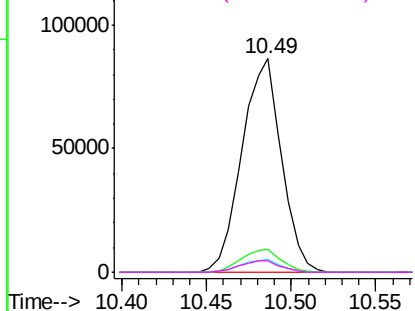
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion:	136	Resp:	140445
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	5.8	4.6	6.8
68	5.6	3.7	5.5#

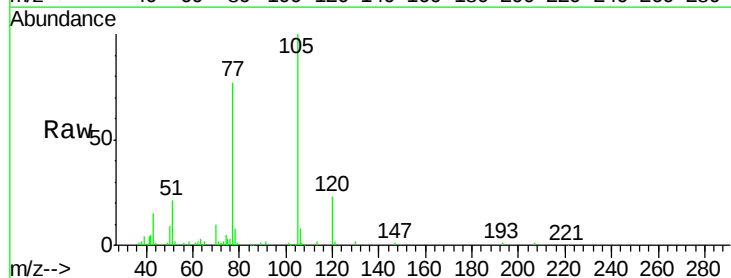


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

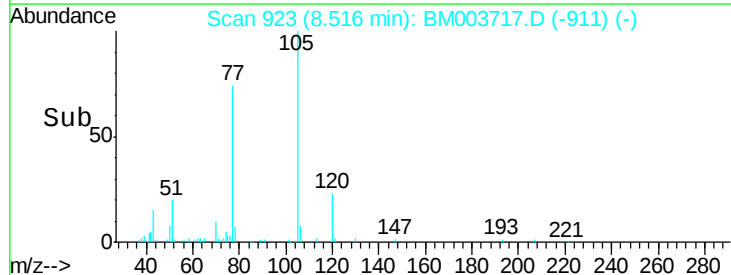
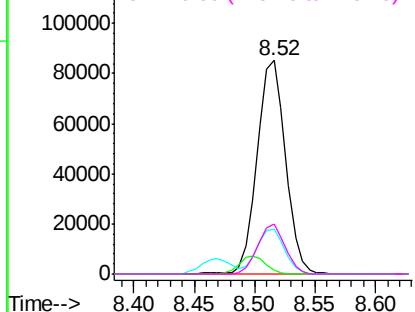


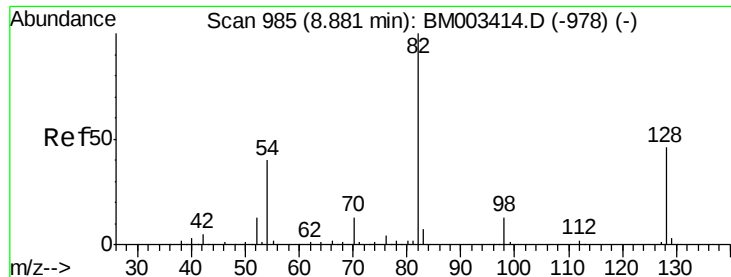
#22
Acetophenone
Concen: 40.53 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:	105	Resp:	139525
Ion	Ratio	Lower	Upper
105	100		
71	1.6	0.6	1.0#
51	20.8	21.6	32.4#
120	23.3	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

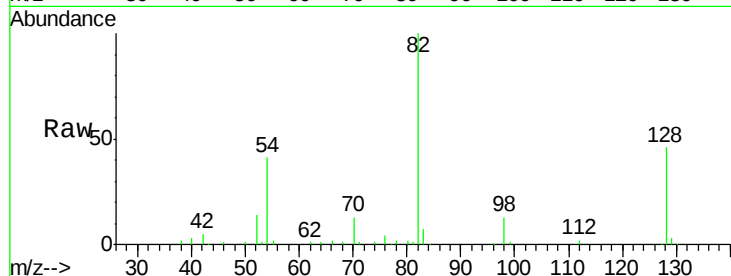




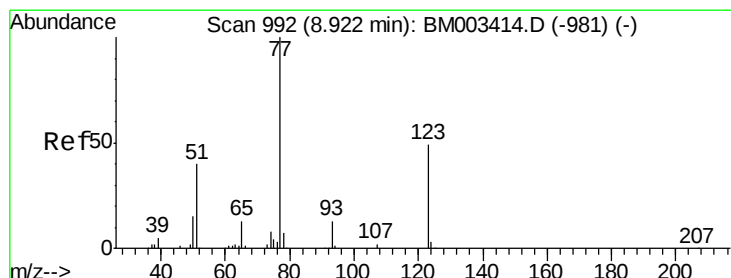
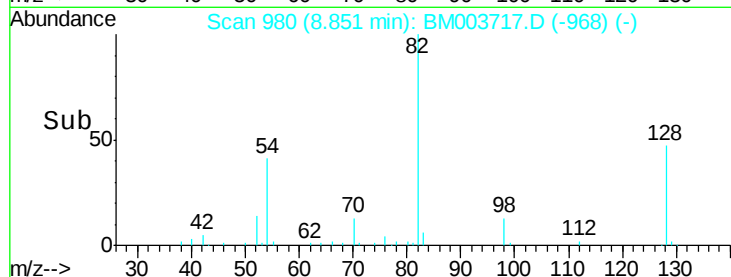
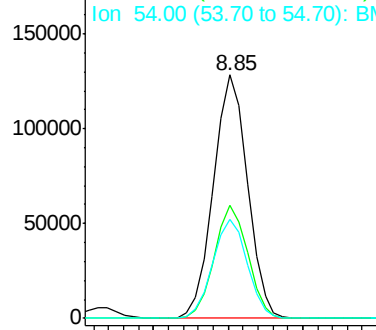
#23
 Nitrobenzene-d5
 Concen: 89.78 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.8	49.2
54	40.8	40.6	60.8

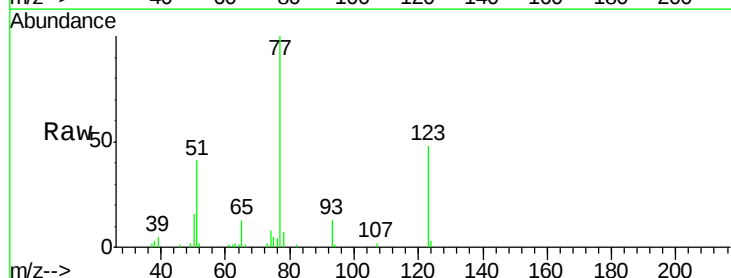


Abundance Ion 82.00 (81.70 to 82.70): BM003414.D (-978) (-)

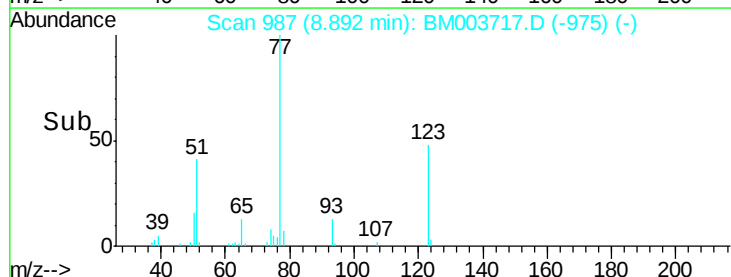
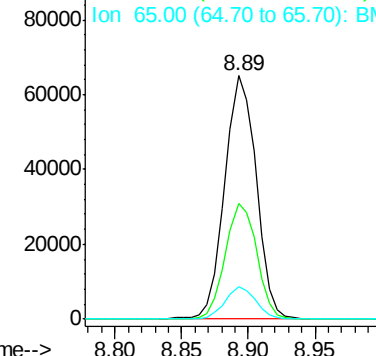


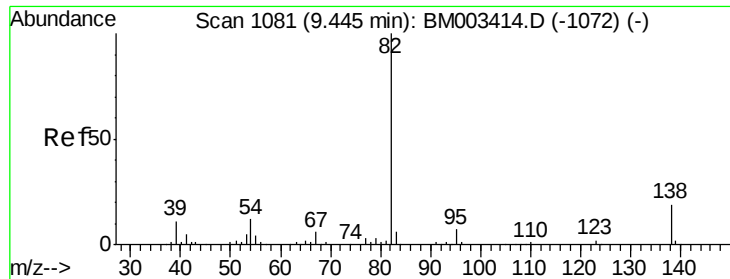
#24
 Nitrobenzene
 Concen: 43.33 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.6	32.6	49.0
65	13.1	10.9	16.3



Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-981) (-)

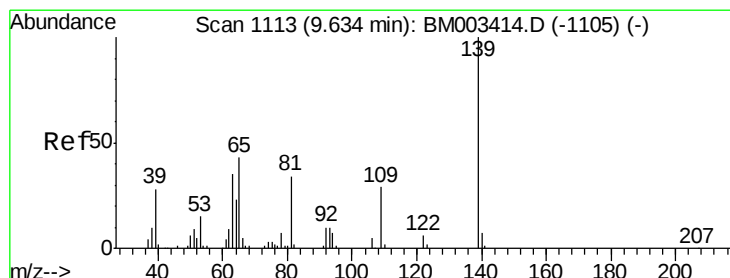
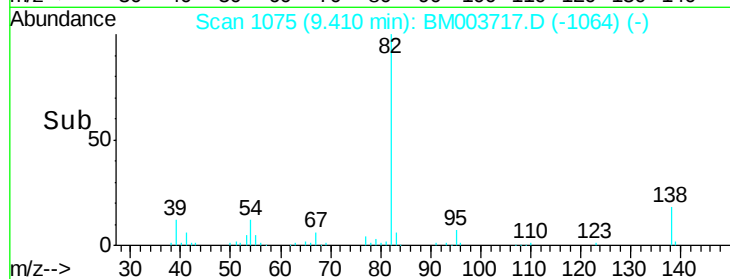
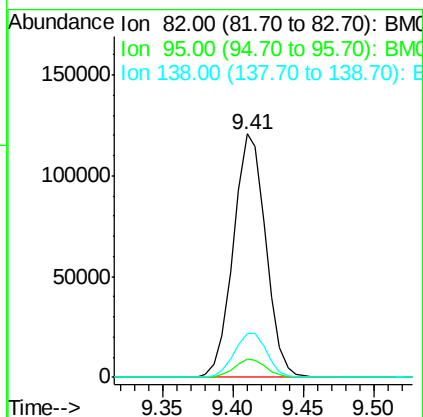
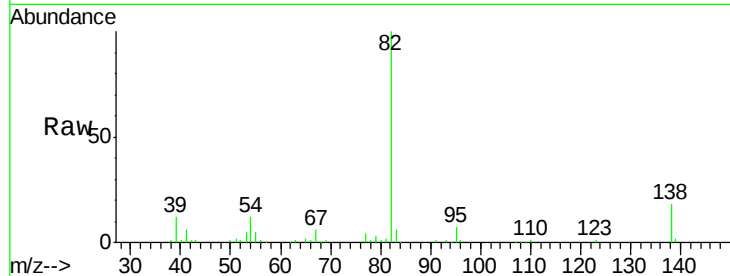




#25
Isophorone
Concen: 42.17 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

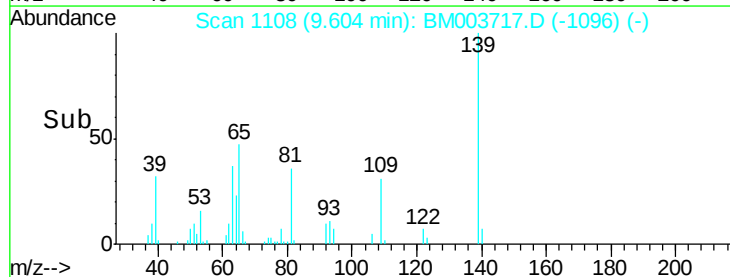
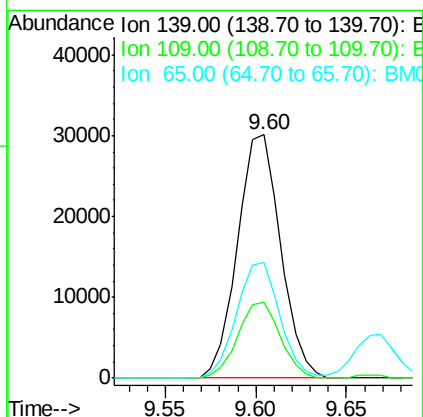
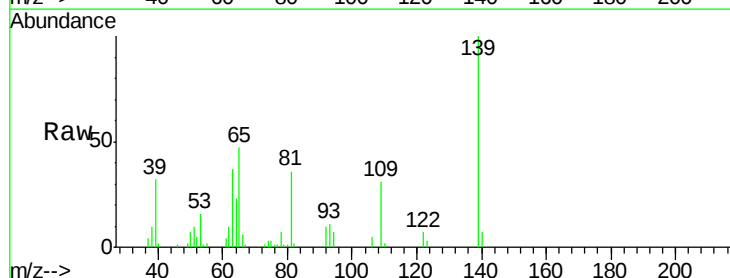
Instrument :
BNA_M
ClientSampleId :
PB87460BS

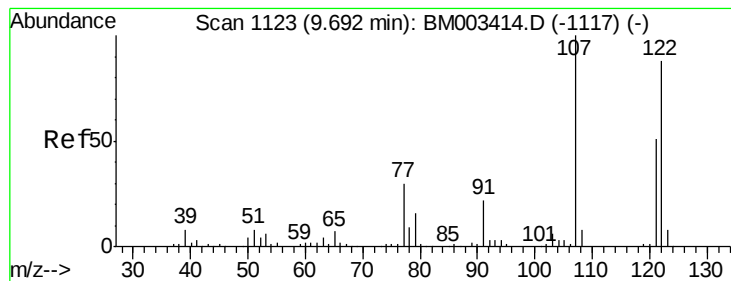
Tgt Ion: 82 Resp: 193230
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 18.2 16.3 24.5



#26
2-Nitrophenol
Concen: 40.21 ng
RT: 9.60 min Scan# 1108
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion: 139 Resp: 49808
Ion Ratio Lower Upper
139 100
109 31.3 20.1 30.1#
65 47.3 31.5 47.3#

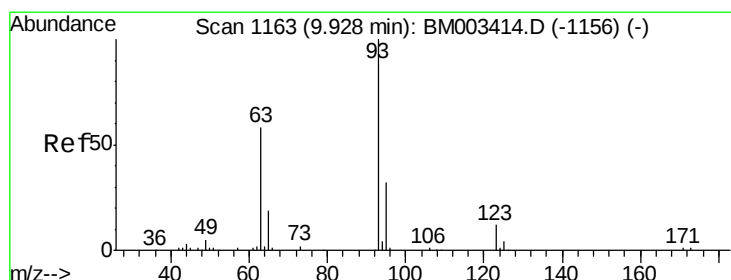
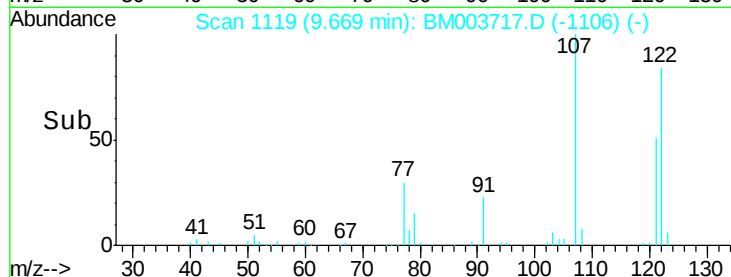
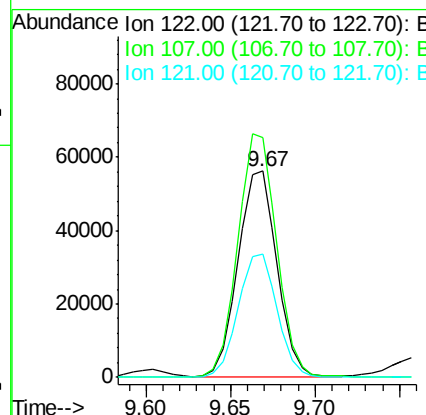
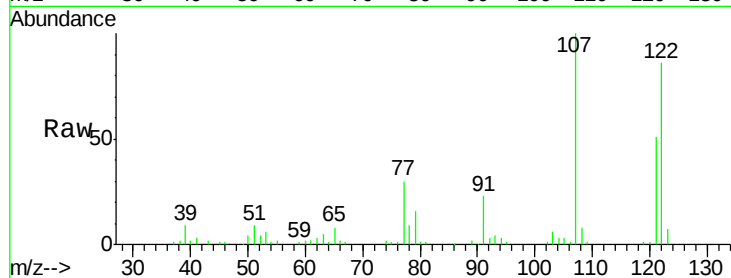




#27
 2,4-Dimethylphenol
 Concen: 42.18 ng
 RT: 9.67 min Scan# 1119
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

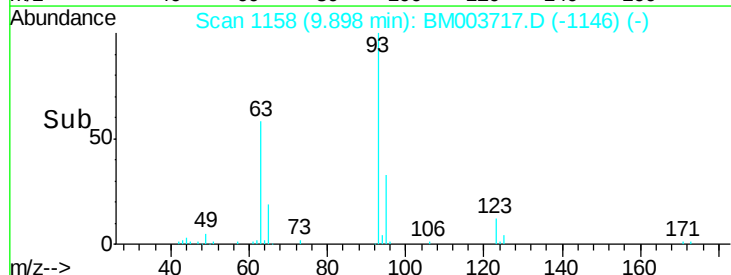
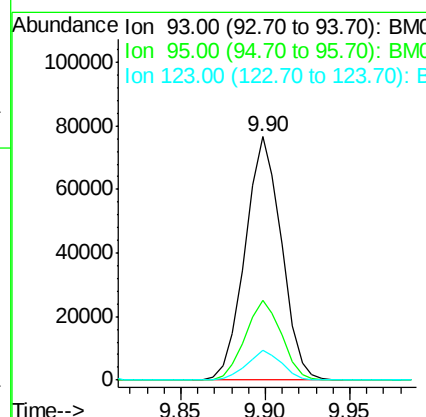
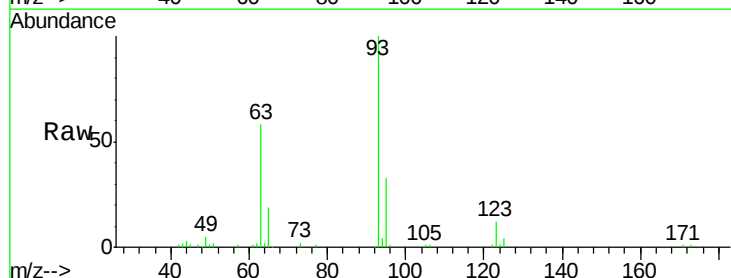
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

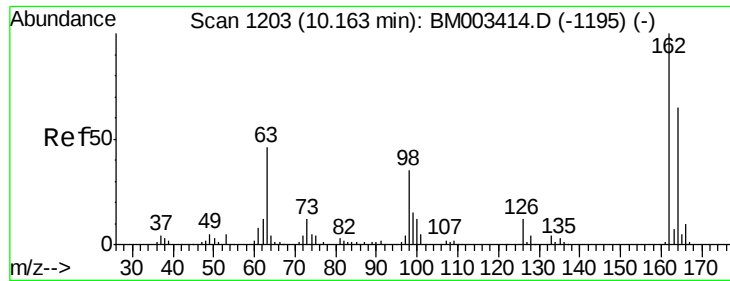
Tgt Ion: 122 Resp: 90981
 Ion Ratio Lower Upper
 122 100
 107 116.1 84.7 127.1
 121 59.5 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.67 ng
 RT: 9.90 min Scan# 1158
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion: 93 Resp: 114711
 Ion Ratio Lower Upper
 93 100
 95 32.7 25.5 38.3
 123 12.1 8.6 13.0

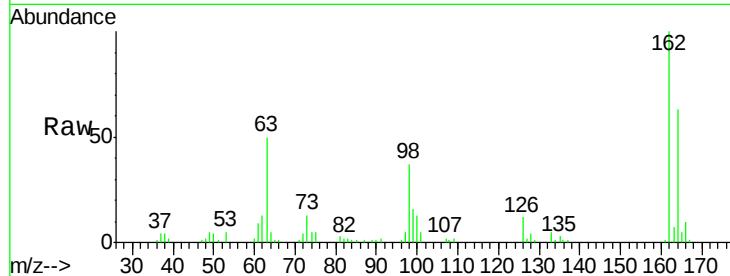




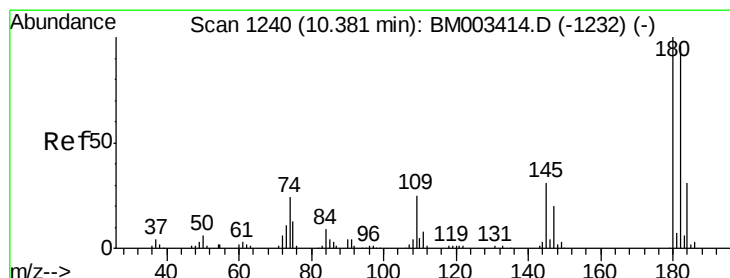
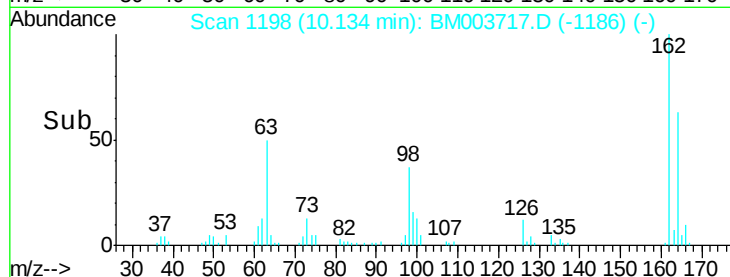
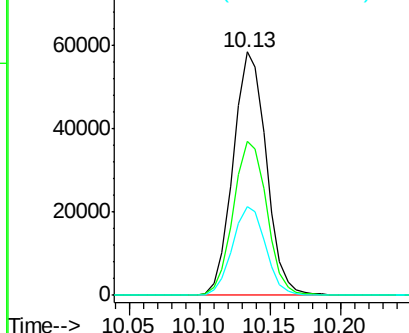
#29
2,4-Dichlorophenol
Concen: 46.69 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	42.8	82.8
98	36.6	14.5	54.5

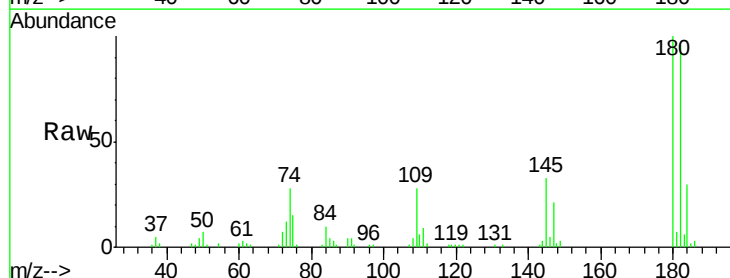


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): E

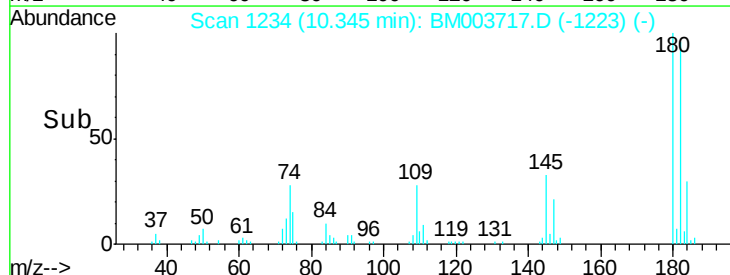
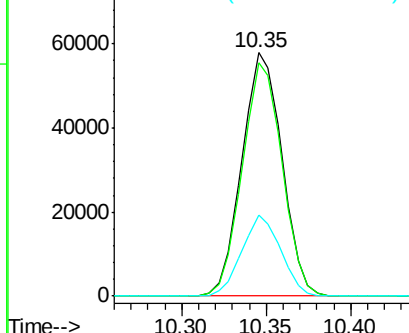


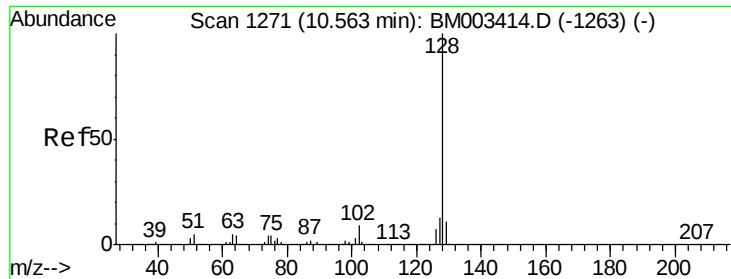
#30
1,2,4-Trichlorobenzene
Concen: 41.57 ng
RT: 10.35 min Scan# 1234
Delta R.T. -0.04 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.6	116.4
145	33.1	23.4	35.2



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

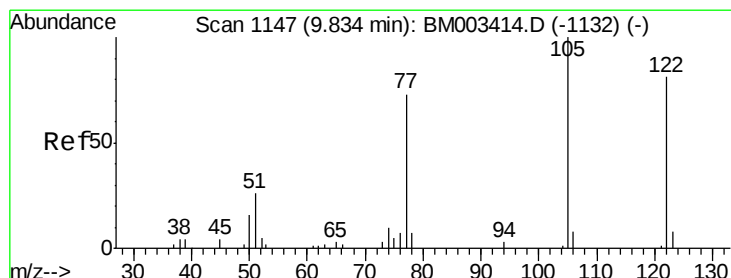
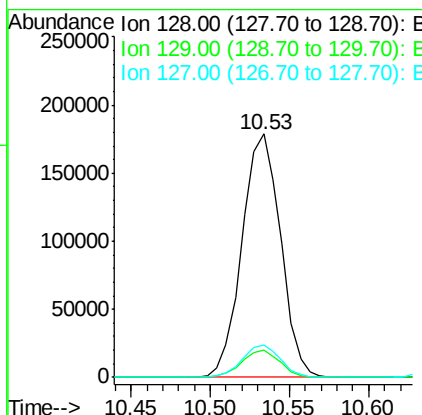
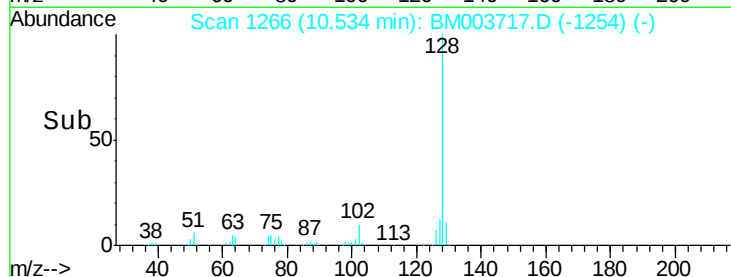
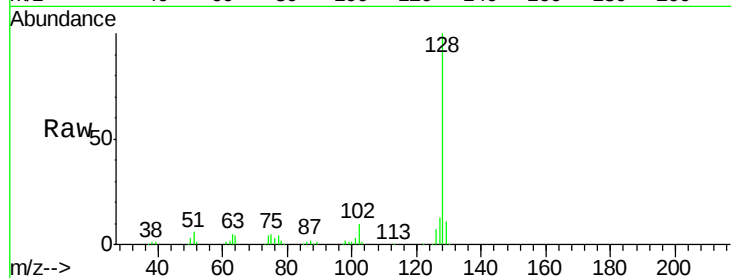




#31
Naphthalene
Concen: 41.12 ng
RT: 10.53 min Scan# 1266
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

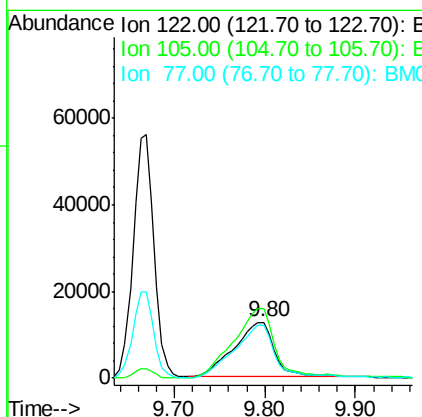
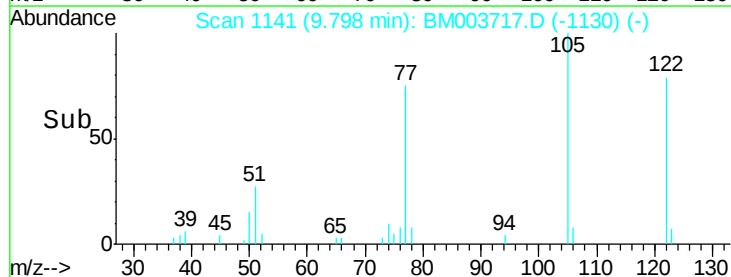
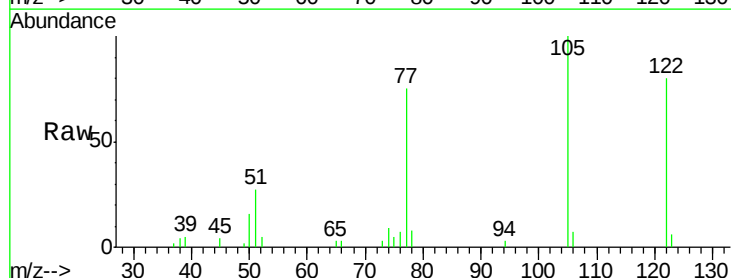
Instrument :
BNA_M
ClientSampleId :
PB87460BS

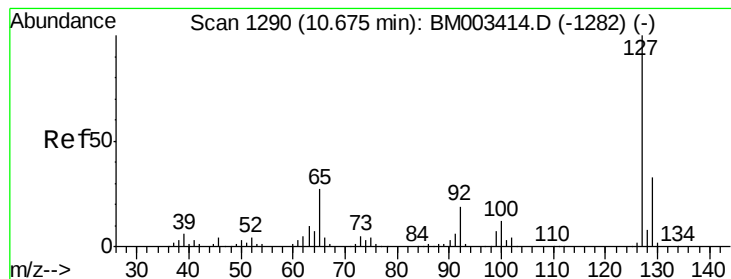
Tgt Ion:	128	Resp:	302192
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.9	13.3
127	13.1	10.4	15.6



#32
Benzoic acid
Concen: 32.68 ng
RT: 9.80 min Scan# 1141
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:	122	Resp:	38919
Ion	Ratio	Lower	Upper
122	100		
105	125.6	99.9	139.9
77	94.7	73.7	113.7





#33

4-Chloroaniline

Concen: 9.21 ng

RT: 10.65 min Scan# 1286

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

Tgt Ion:127 Resp: 27948

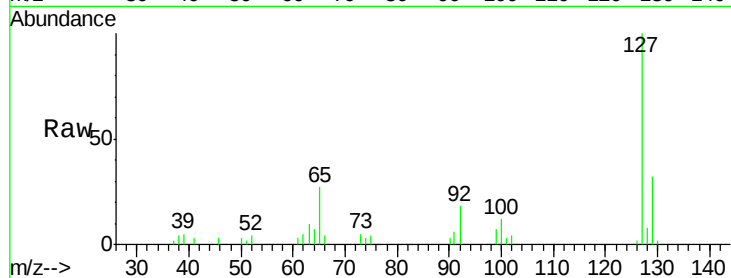
Ion Ratio Lower Upper

127 100

129 32.1 25.3 37.9

65 26.9 17.6 26.4#

92 18.4 13.1 19.7

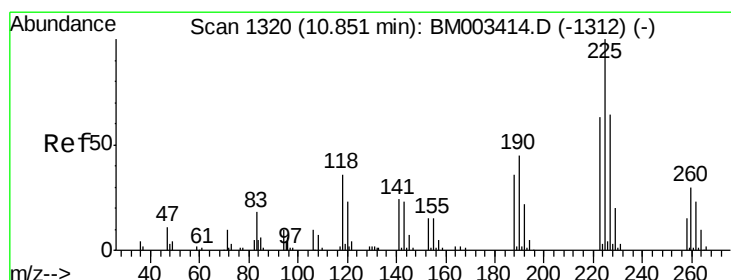
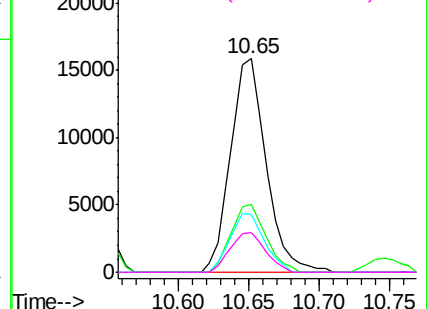
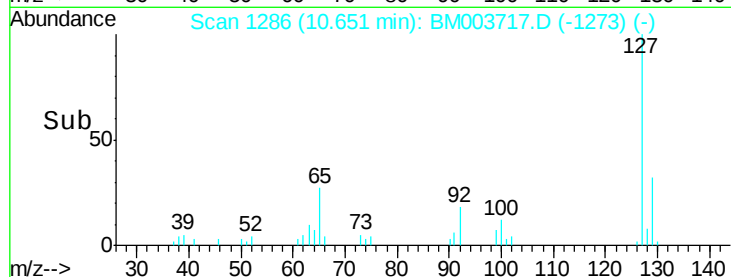


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.32 ng

RT: 10.82 min Scan# 1314

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

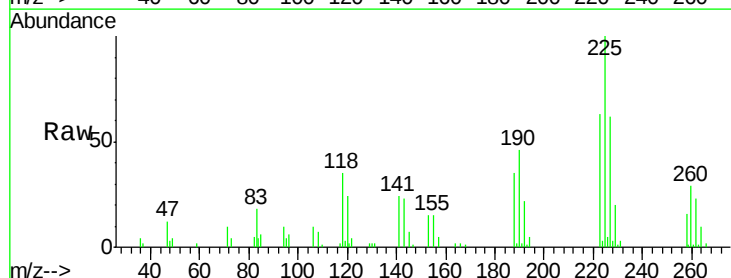
Tgt Ion:225 Resp: 56212

Ion Ratio Lower Upper

225 100

223 63.1 47.9 71.9

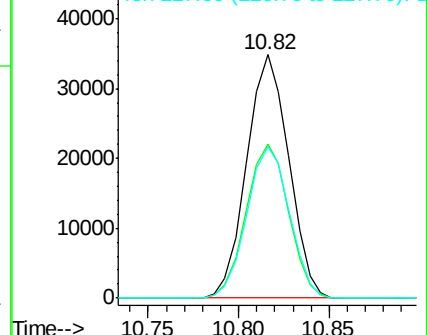
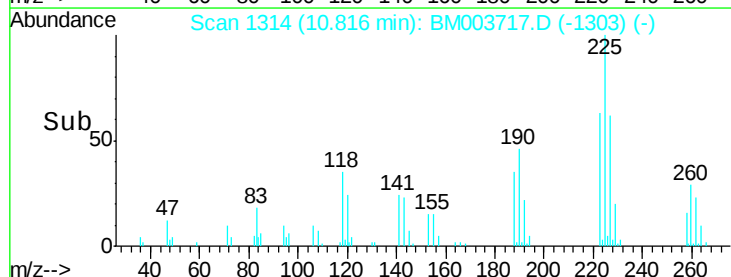
227 62.3 50.1 75.1

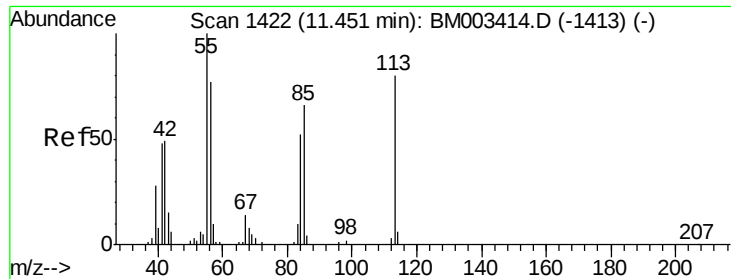


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 40.35 ng

RT: 11.41 min Scan# 1415

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

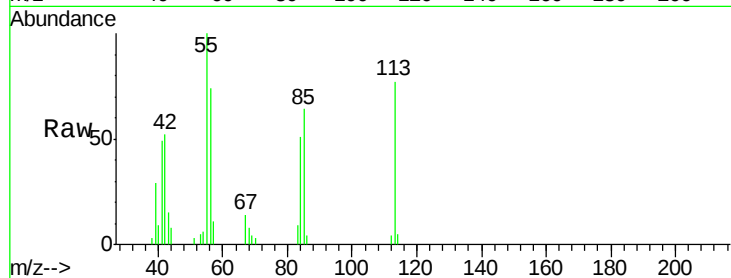
Tgt Ion:113 Resp: 27405

Ion Ratio Lower Upper

113 100

55 130.0 145.9 185.9#

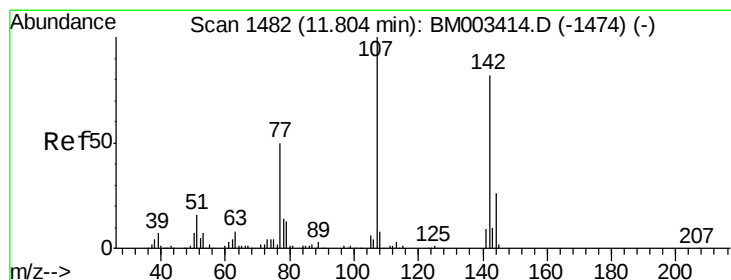
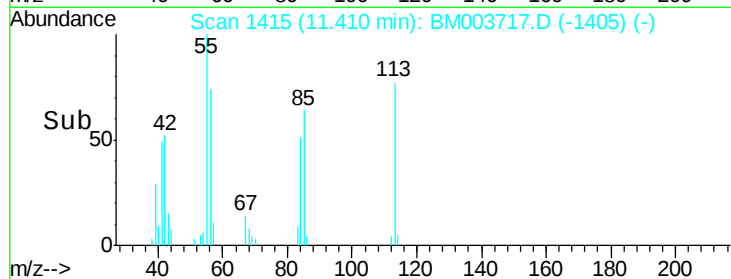
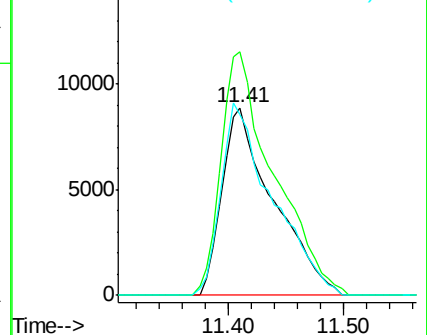
56 96.4 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.68 ng

RT: 11.78 min Scan# 1478

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

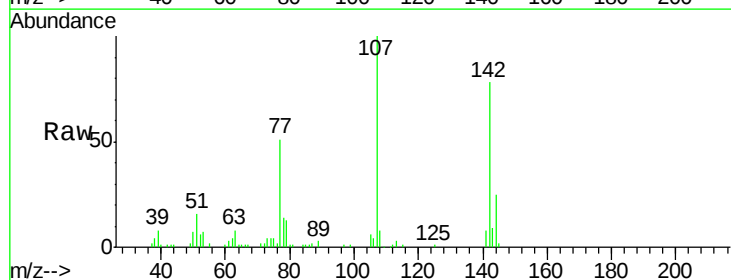
Tgt Ion:107 Resp: 103509

Ion Ratio Lower Upper

107 100

144 25.1 23.3 34.9

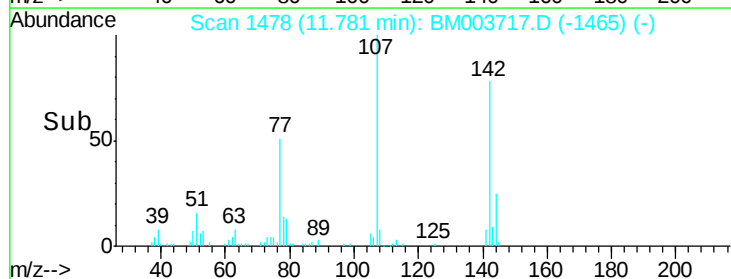
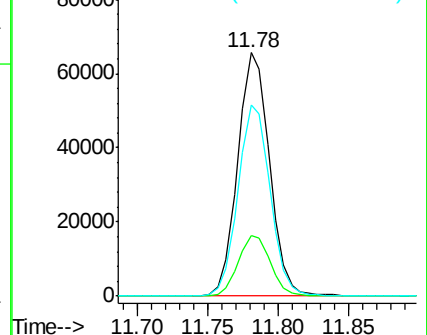
142 78.3 72.6 109.0

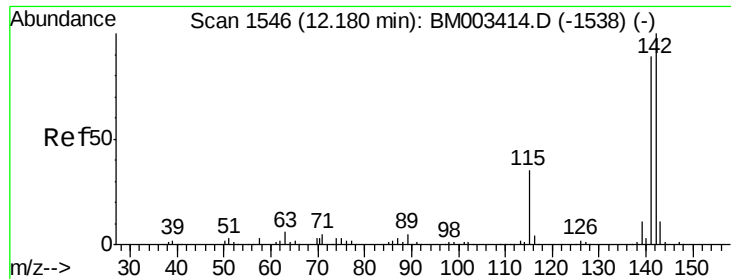


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

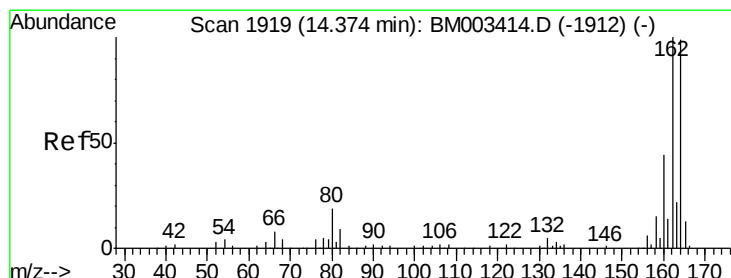
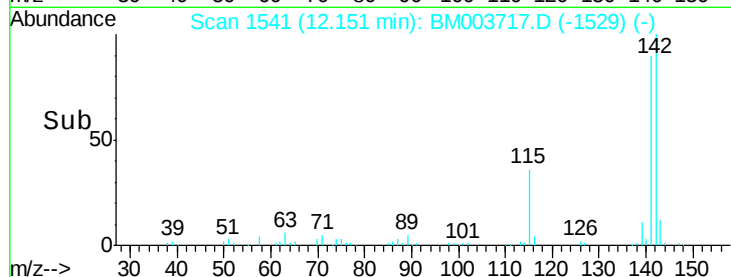
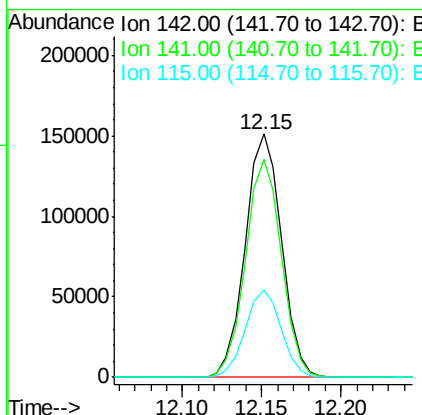
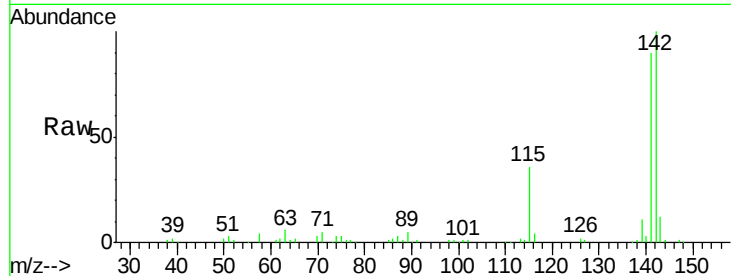




#37
 2-Methylnaphthalene
 Concen: 47.83 ng
 RT: 12.15 min Scan# 1541
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

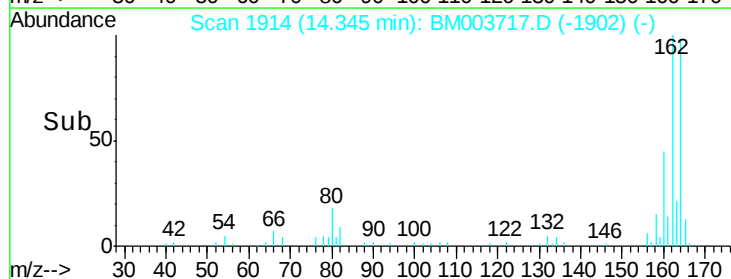
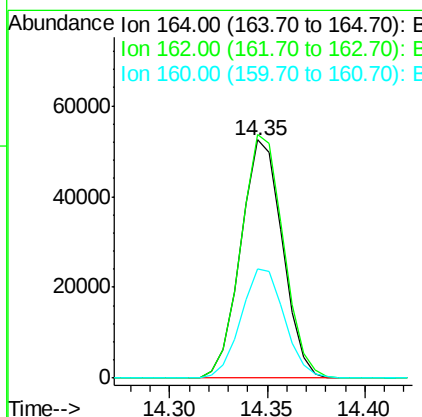
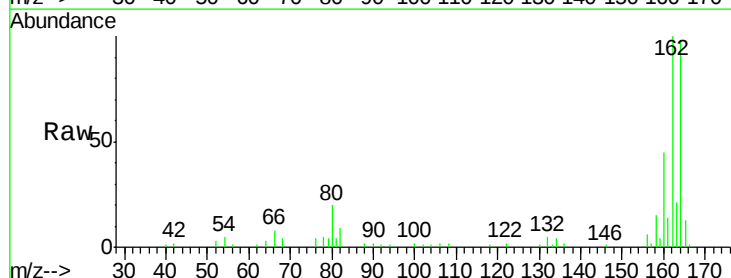
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9
115	35.8	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.35 min Scan# 1914
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.4	123.6
160	46.1	35.8	53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.97 ng

RT: 12.53 min Scan# 1605

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

Tgt Ion:216 Resp: 112436

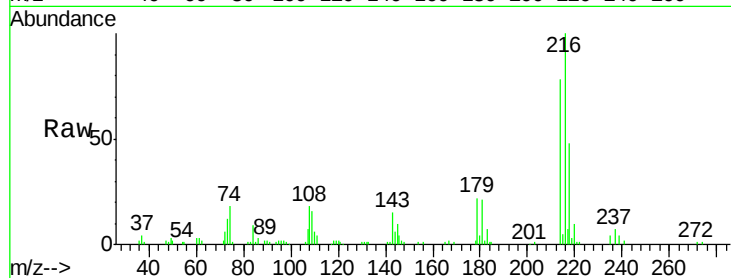
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 21.9 0.0 0.0#

108 22.3 0.0 0.0#

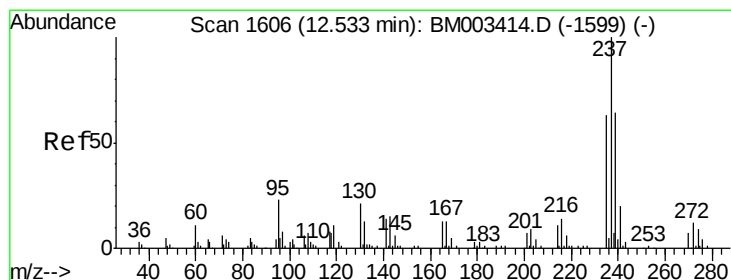
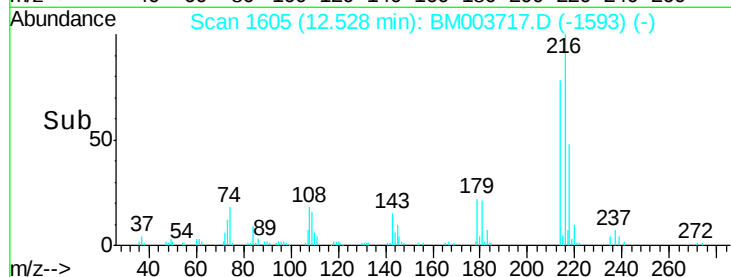
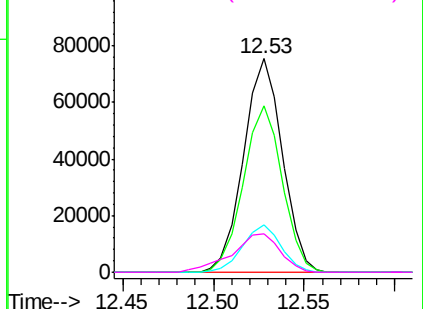


Abundance Ion 216.00 (215.70 to 216.70): E

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: 94.13 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

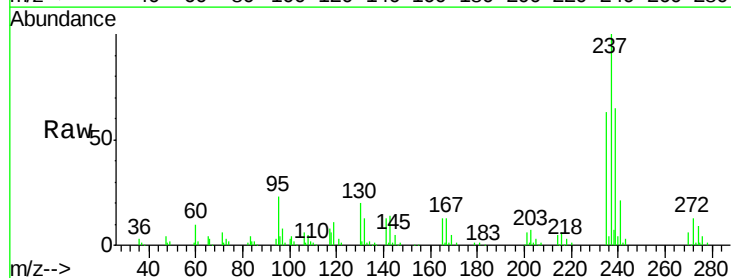
Tgt Ion:237 Resp: 131270

Ion Ratio Lower Upper

237 100

235 63.4 42.0 82.0

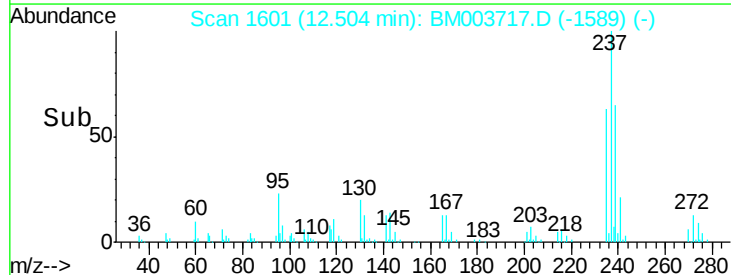
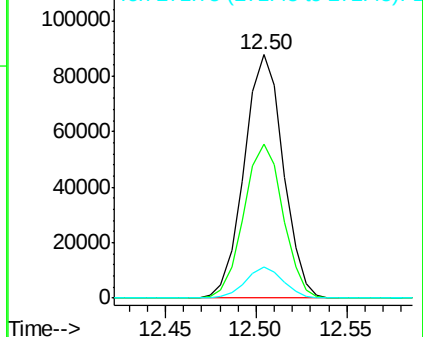
272 12.7 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

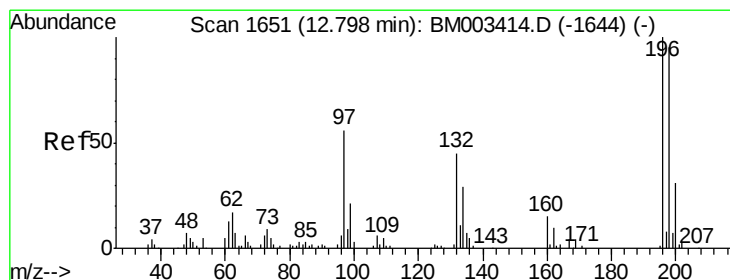
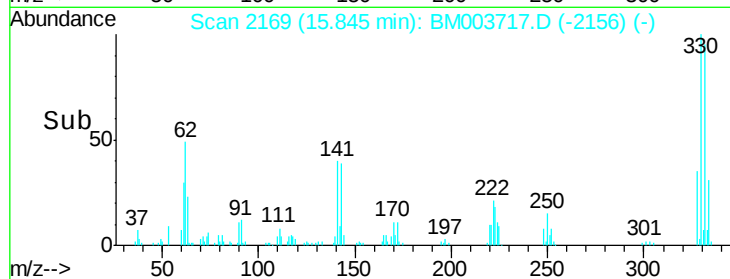
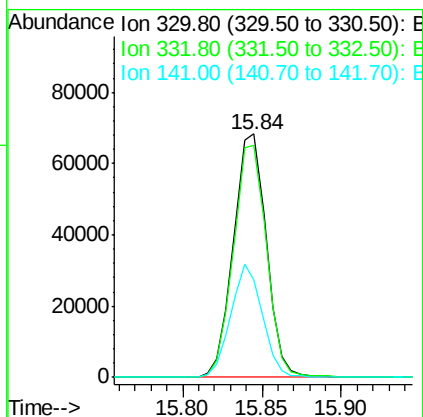
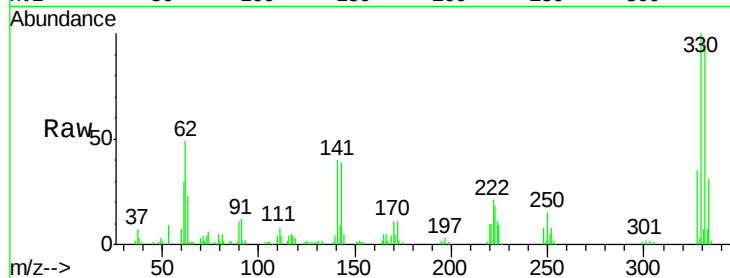




#41
 2,4,6-Tribromophenol
 Concen: 126.57 ng
 RT: 15.84 min Scan# 2169
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

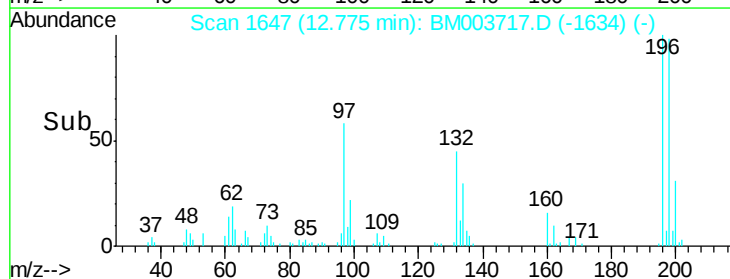
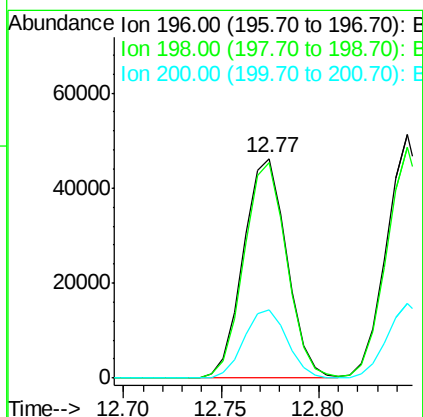
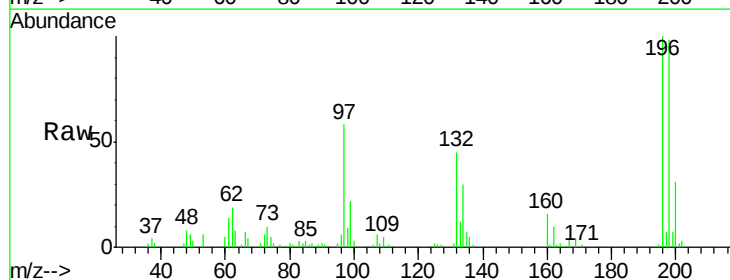
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

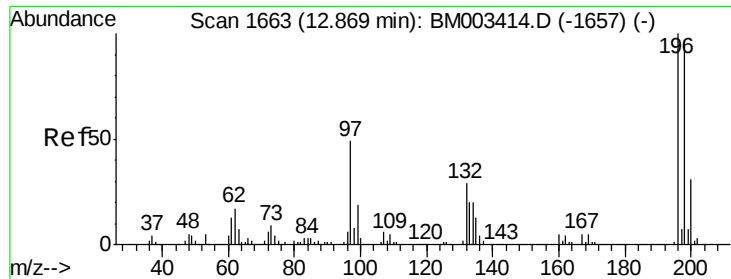
Tgt Ion:330 Resp: 98311
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 44.5 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 43.83 ng
 RT: 12.77 min Scan# 1647
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion:196 Resp: 71469
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.3 114.5
 200 31.2 25.6 38.4

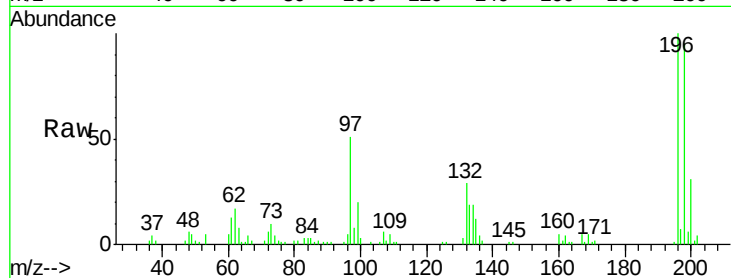




#43
 2,4,5-Trichlorophenol
 Concen: 45.28 ng
 RT: 12.85 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.8	79.4	119.0
97	51.2	26.8	40.2
132	29.2	18.6	28.0



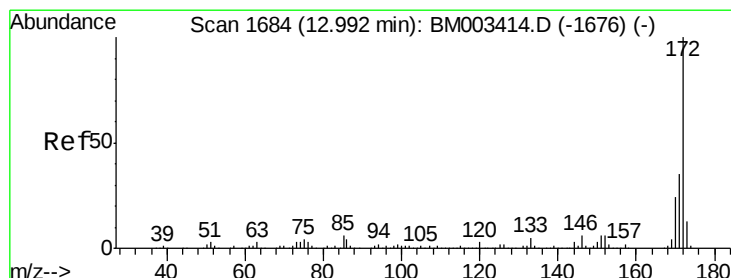
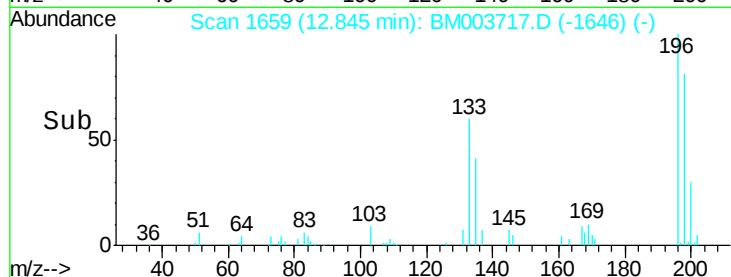
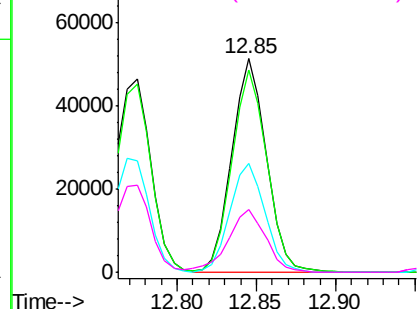
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

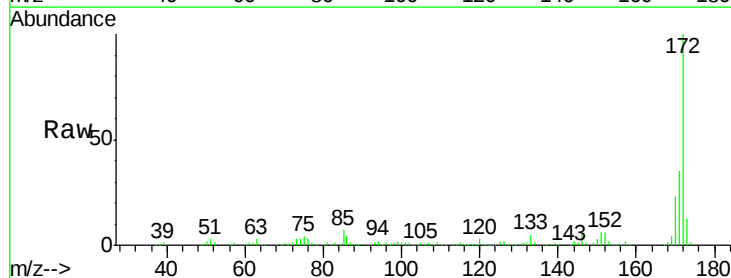
Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.01 ng
 RT: 12.96 min Scan# 1679
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.5	42.7
170	23.3	18.8	28.2

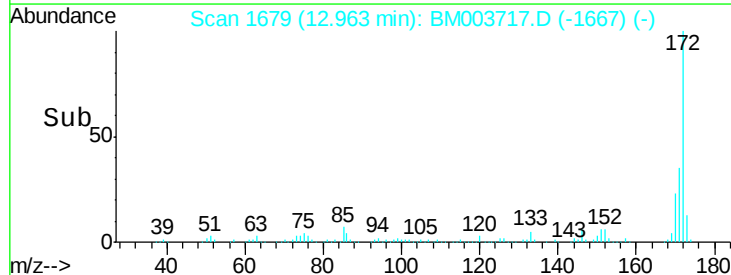
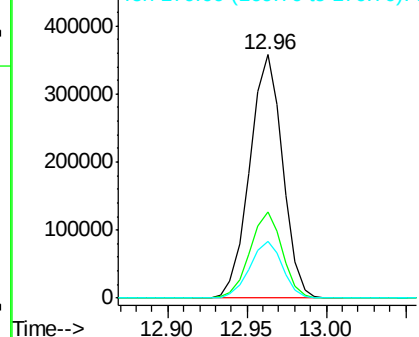


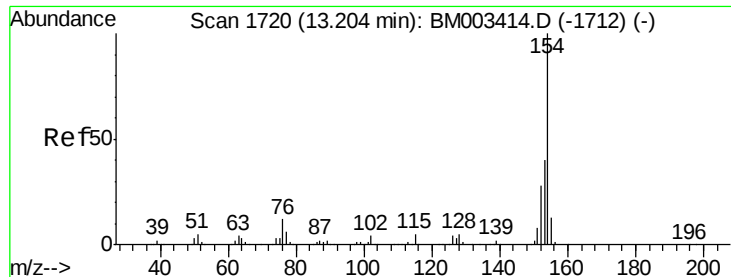
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

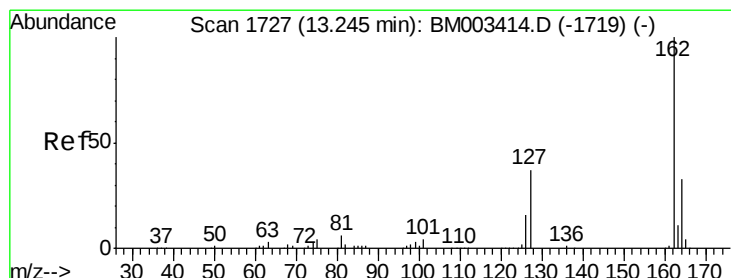
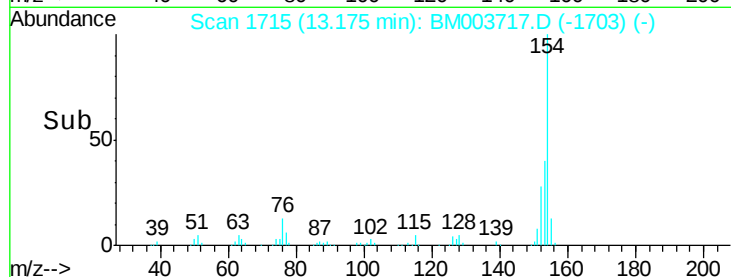
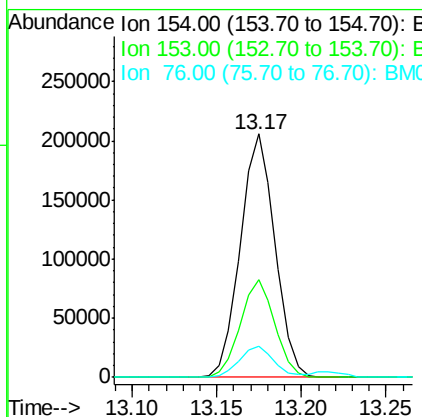
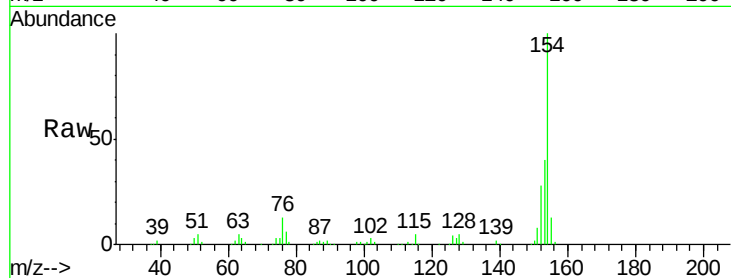




#45
 1,1'-Biphenyl
 Concen: 42.47 ng
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

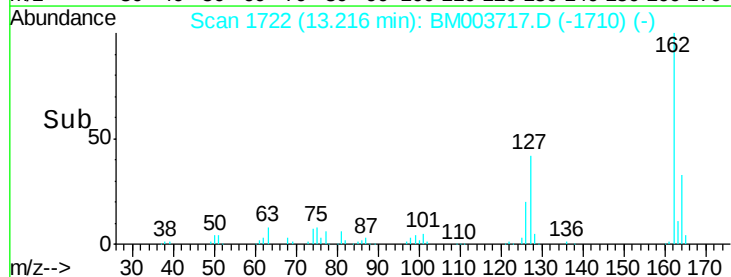
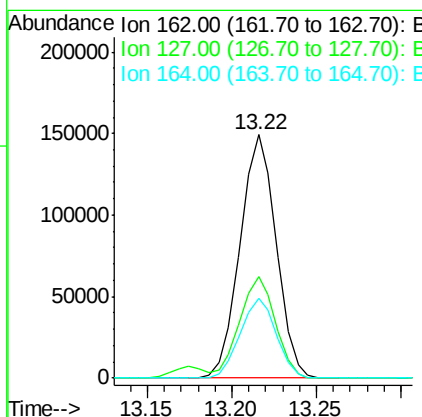
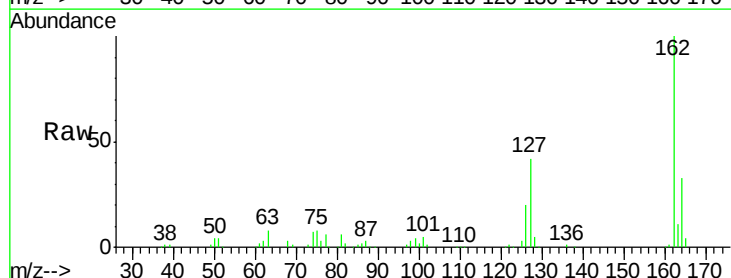
Instrument :
 BNA_M
 ClientSampled :
 PB87460BS

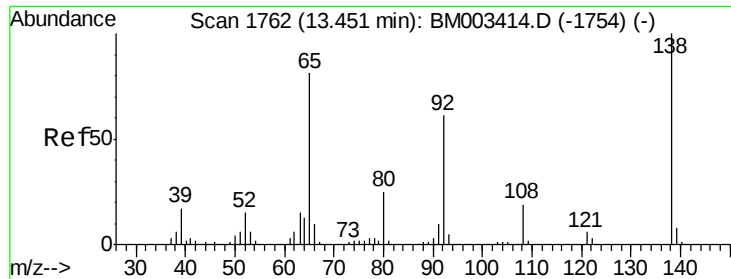
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	20.7	60.7
76	12.6	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 43.81 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	26.9	40.3#
164	32.6	26.8	40.2

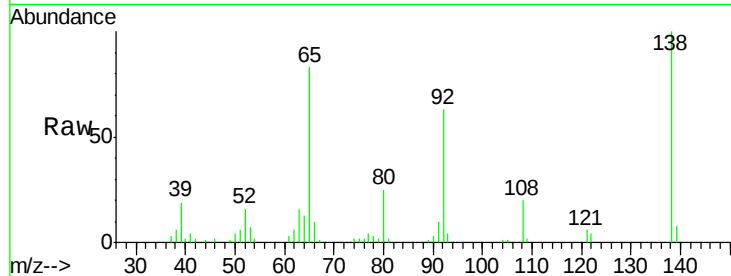




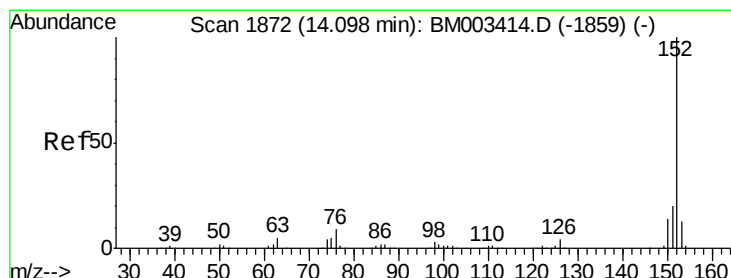
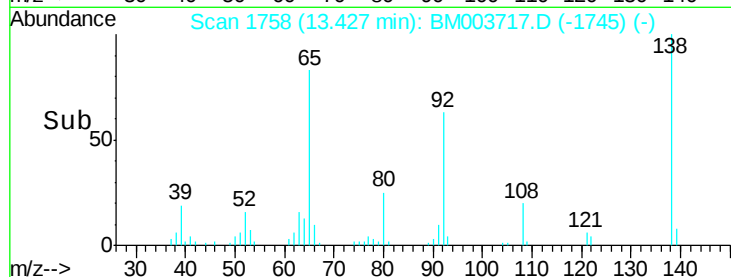
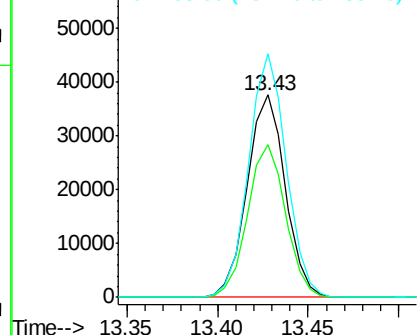
#47
2-Nitroaniline
Concen: 43.72 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion: 65 Resp: 54941
Ion Ratio Lower Upper
65 100
92 75.5 59.1 88.7
138 120.2 93.9 140.9

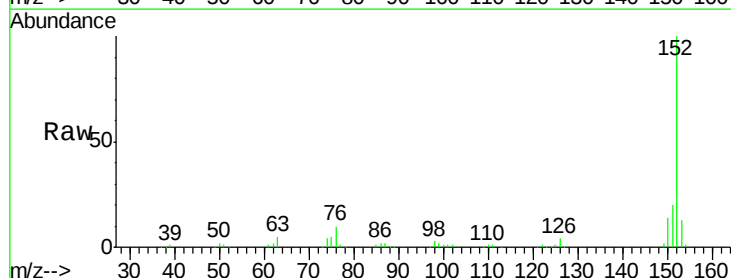


Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E

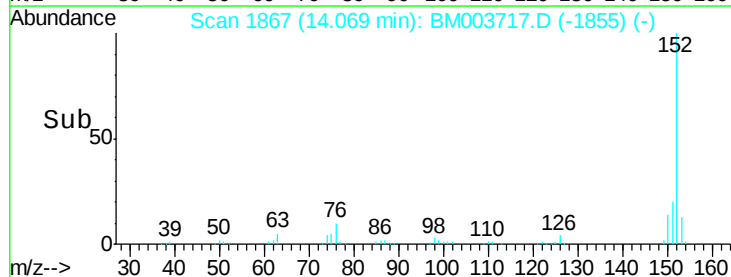
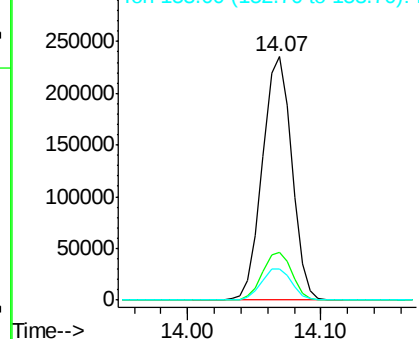


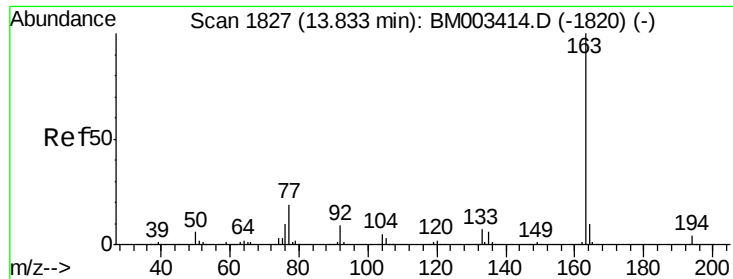
#48
Acenaphthylene
Concen: 42.52 ng
RT: 14.07 min Scan# 1867
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion: 152 Resp: 359134
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 13.0 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 40.90 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

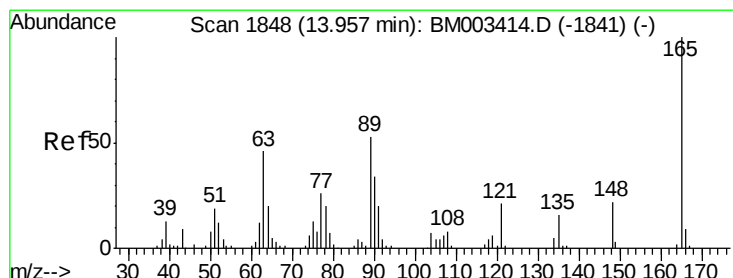
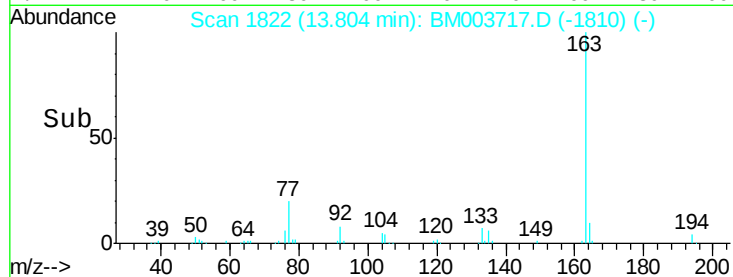
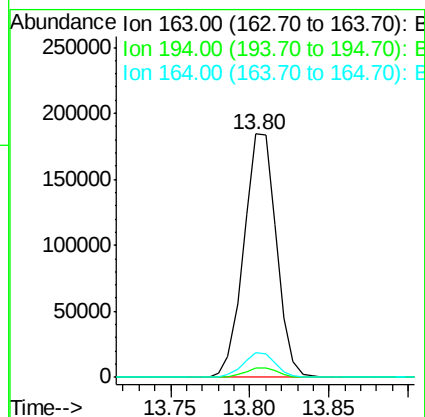
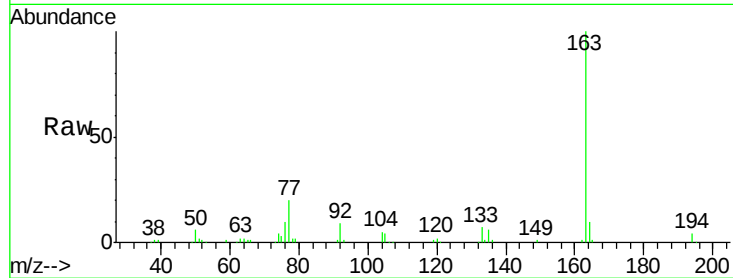
Instrument :

BNA_M

ClientSampleId :

PB87460BS

Tgt Ion:	163	Resp:	262107
Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	10.2	8.2	12.2



#50

2,6-Dinitrotoluene

Concen: 42.16 ng

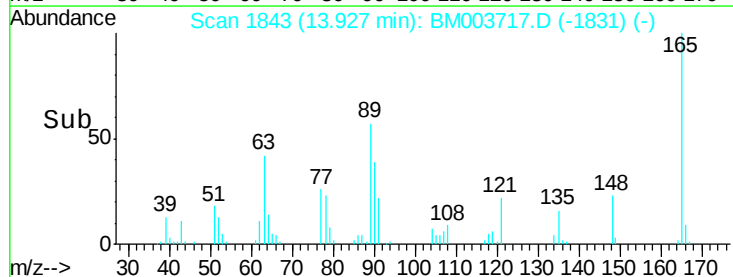
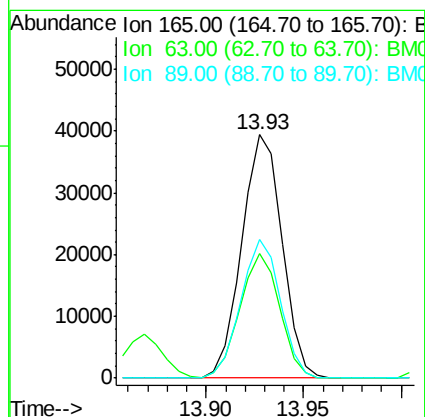
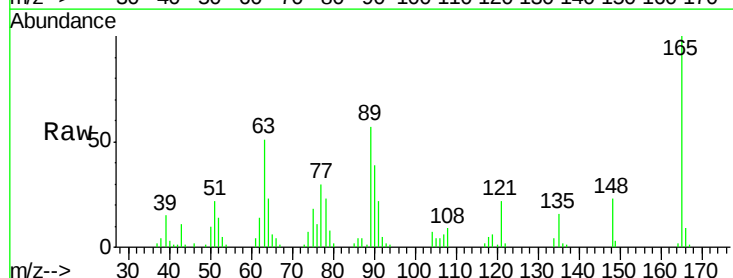
RT: 13.93 min Scan# 1843

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Tgt Ion:	165	Resp:	56375
Ion	Ratio	Lower	Upper
165	100		
63	51.1	44.1	66.1
89	56.9	44.3	66.5





#51

Acenaphthene

Concen: 42.80 ng

RT: 14.41 min Scan# 1925

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

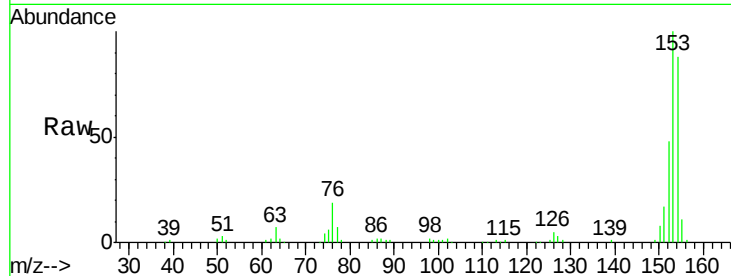
Tgt Ion:154 Resp: 209453

Ion Ratio Lower Upper

154 100

153 113.7 90.0 135.0

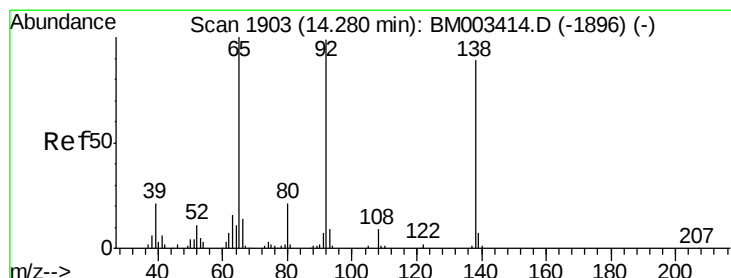
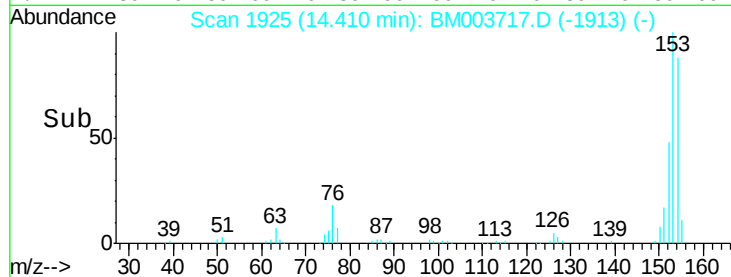
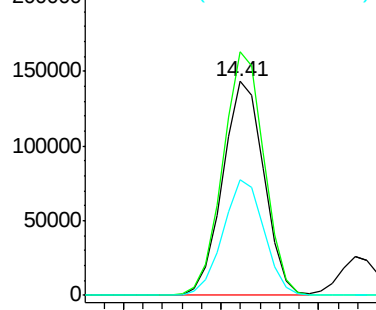
152 54.2 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 17.02 ng

RT: 14.26 min Scan# 1899

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

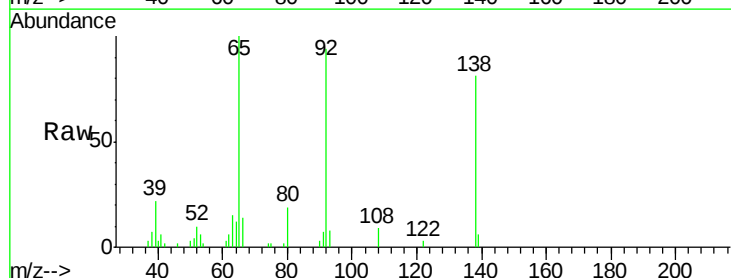
Tgt Ion:138 Resp: 23284

Ion Ratio Lower Upper

138 100

108 11.2 7.3 10.9#

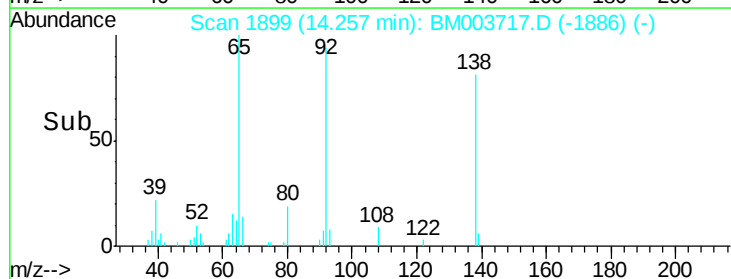
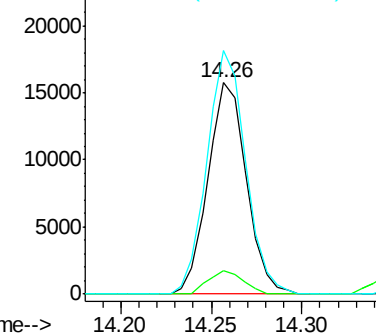
92 115.3 76.6 114.8#



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

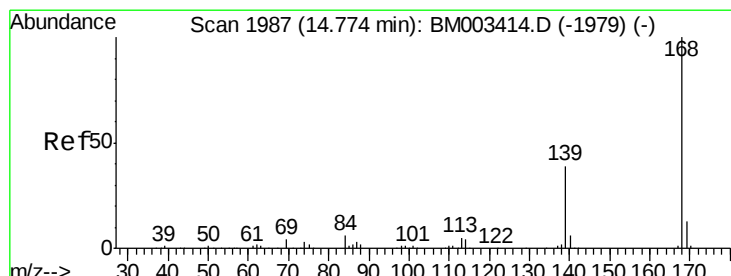
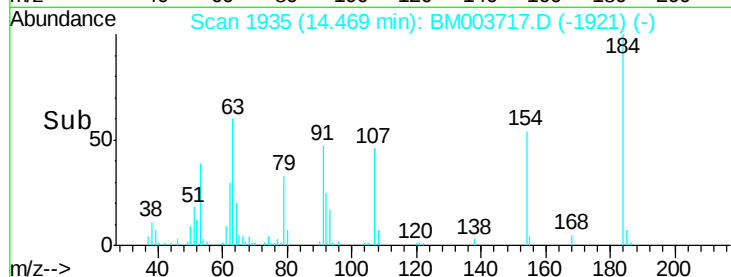
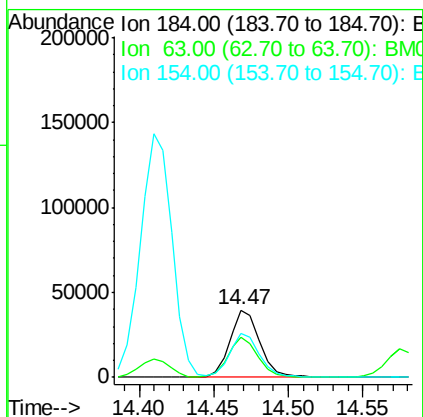
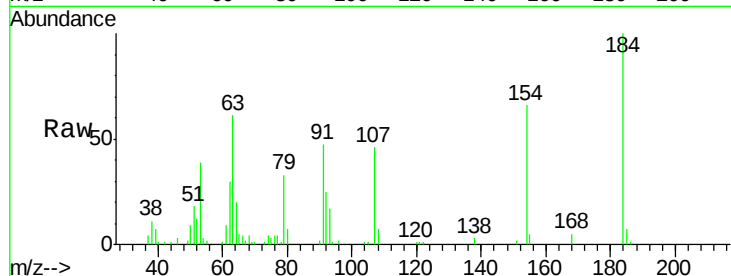




#53
2,4-Dinitrophenol
Concen: 74.50 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

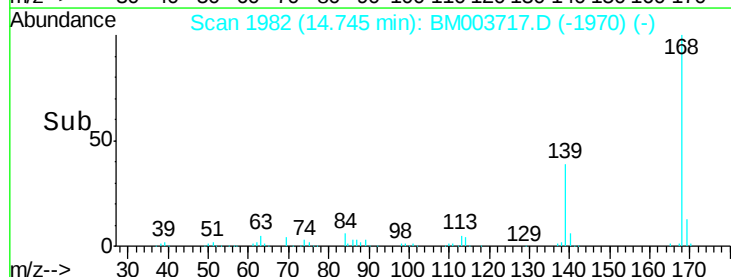
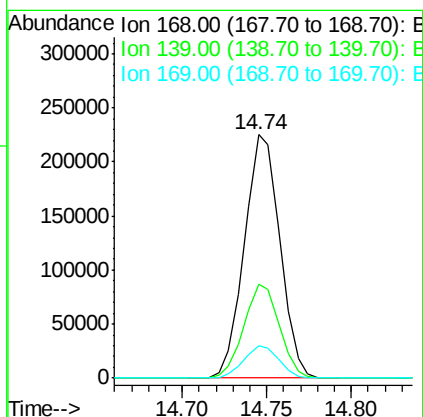
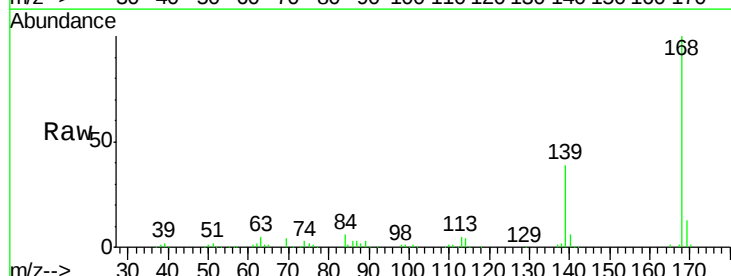
Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion:184 Resp: 55905
Ion Ratio Lower Upper
184 100
63 60.8 69.2 103.8#
154 66.1 53.3 79.9



#54
Dibenzofuran
Concen: 46.67 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:168 Resp: 329877
Ion Ratio Lower Upper
168 100
139 38.8 27.3 40.9
169 13.4 10.6 16.0





#55

4-Nitrophenol

Concen: 81.91 ng

RT: 14.57 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

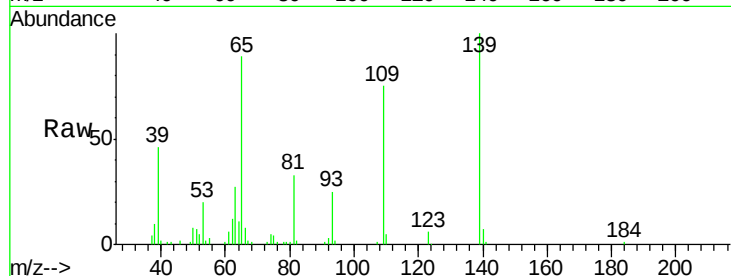
Tgt Ion:139 Resp: 92561

Ion Ratio Lower Upper

139 100

109 74.5 37.7 77.7

65 89.3 49.9 89.9

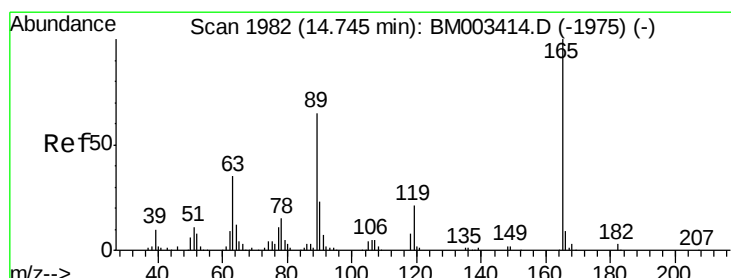
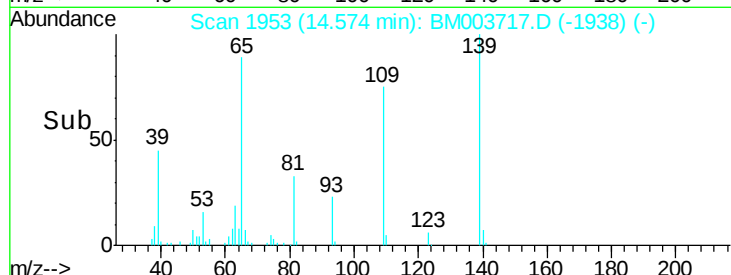
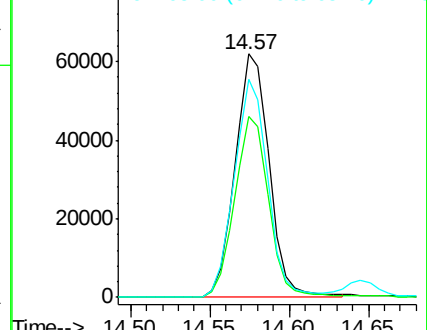


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 43.37 ng

RT: 14.72 min Scan# 1978

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Tgt Ion:165 Resp: 75244

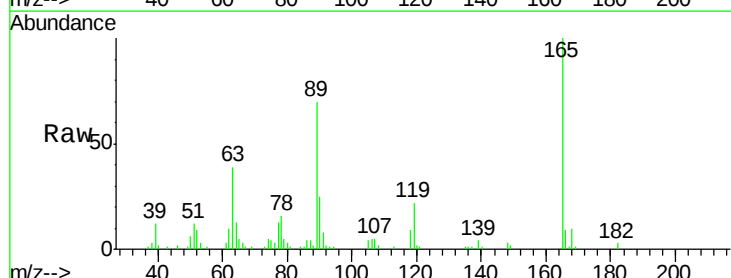
Ion Ratio Lower Upper

165 100

63 39.2 52.4 78.6#

89 70.5 72.4 108.6#

182 2.8 2.0 3.0



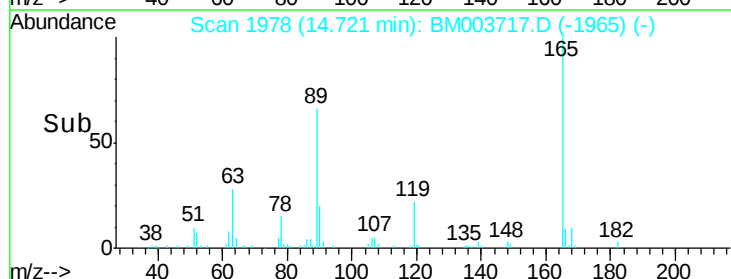
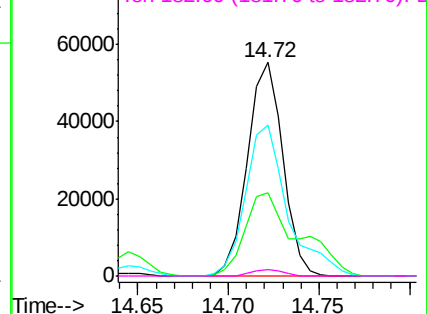
Abundance

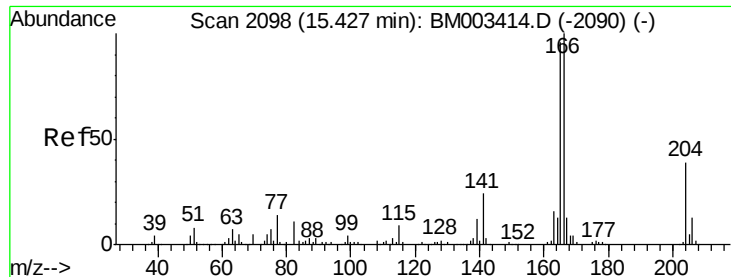
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

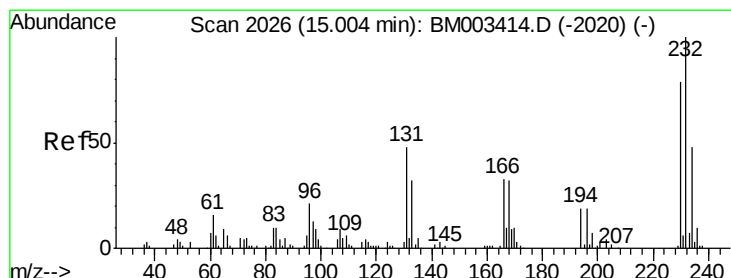
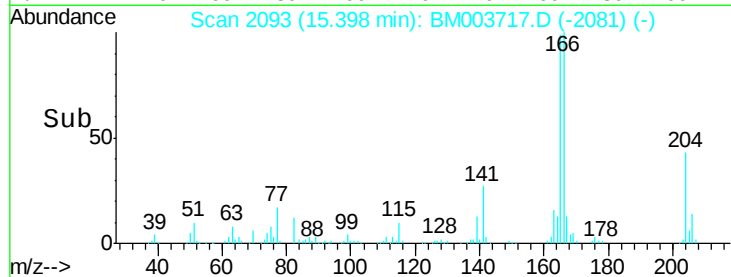
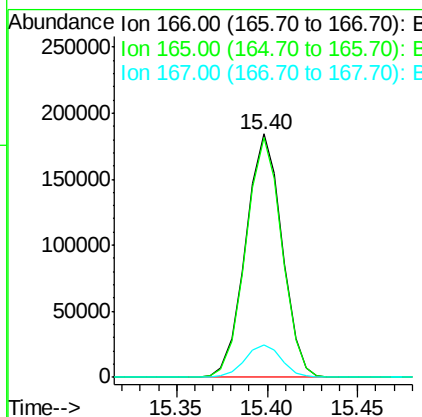
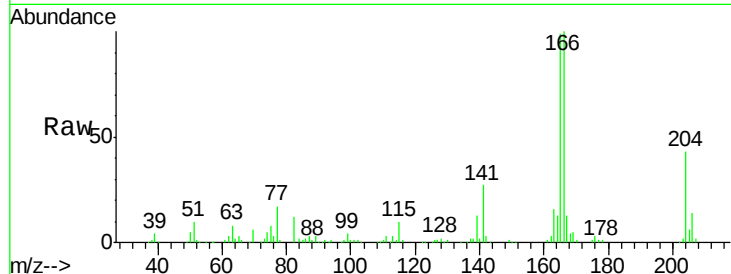




#57
 Fluorene
 Concen: 43.70 ng
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

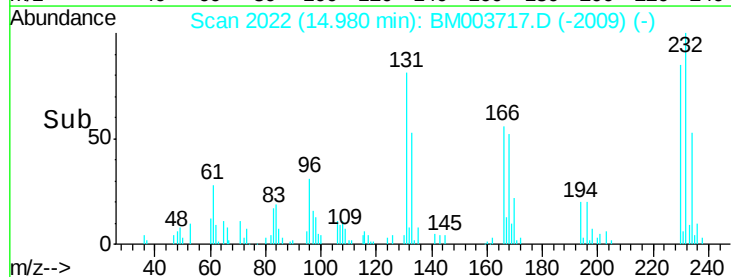
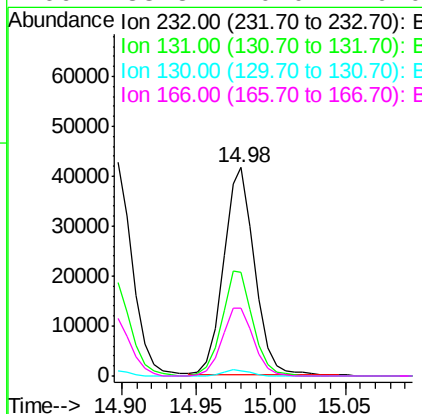
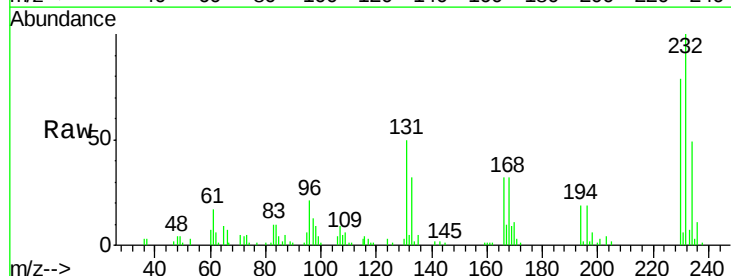
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

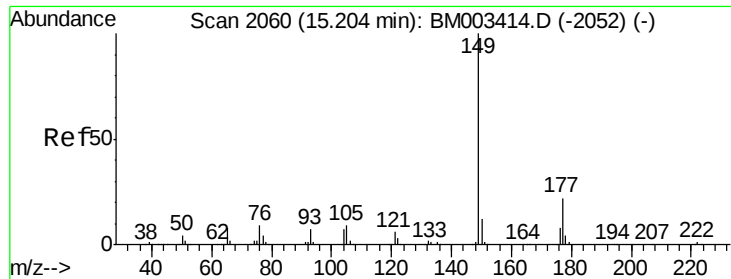
Tgt Ion:166 Resp: 256073
 Ion Ratio Lower Upper
 166 100
 165 98.7 79.0 118.4
 167 13.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 45.38 ng
 RT: 14.98 min Scan# 2022
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion:232 Resp: 59784
 Ion Ratio Lower Upper
 232 100
 131 51.0 0.0 0.0#
 130 2.6 0.0 0.0#
 166 33.8 0.0 0.0#

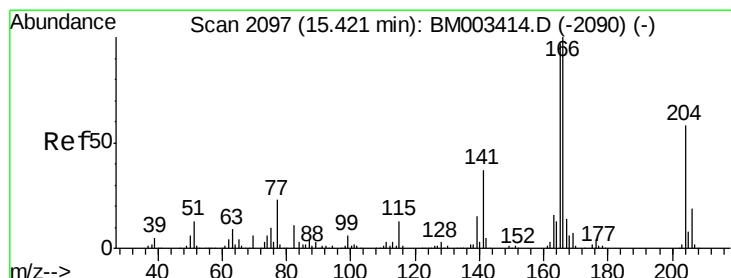
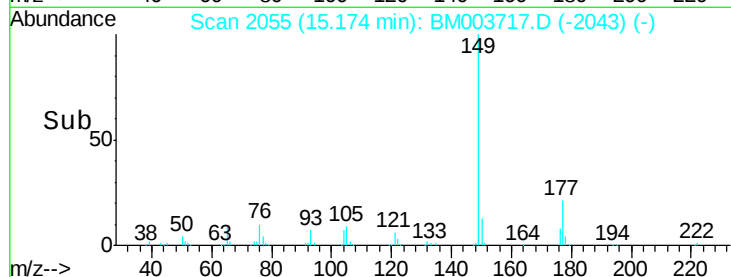
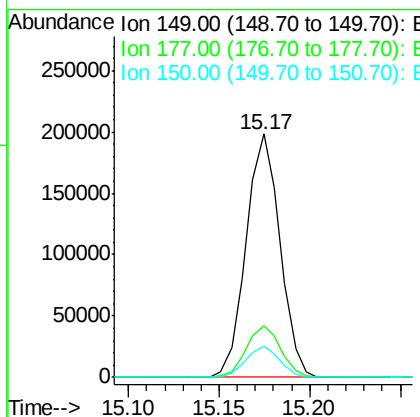
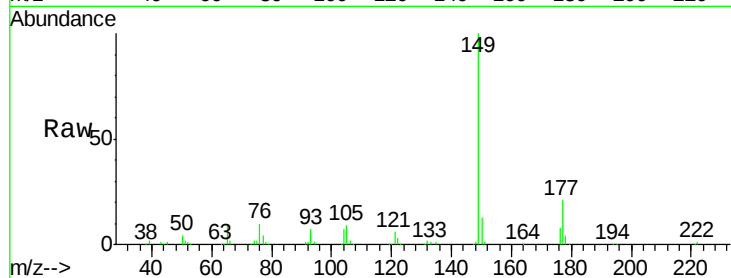




#59
Diethylphthalate
Concen: 40.97 ng
RT: 15.17 min Scan# 2055
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

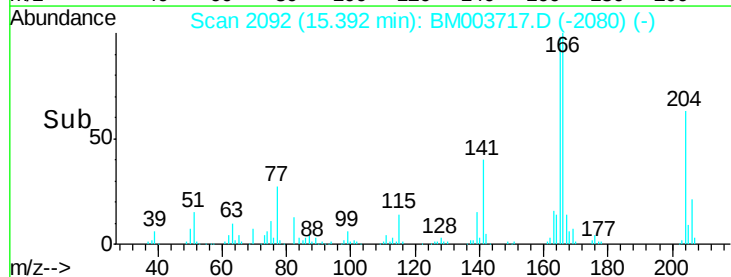
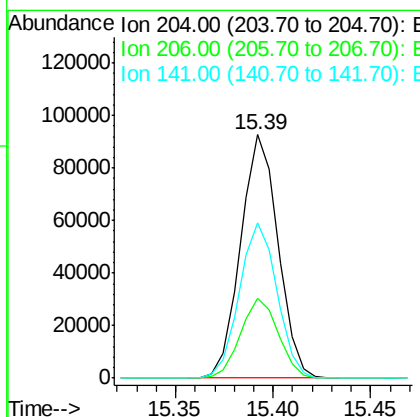
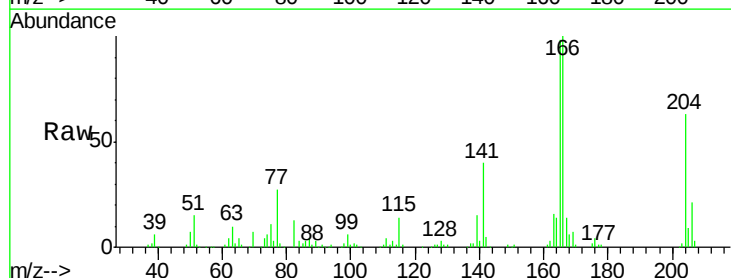
Instrument :
BNA_M
ClientSampleId :
PB87460BS

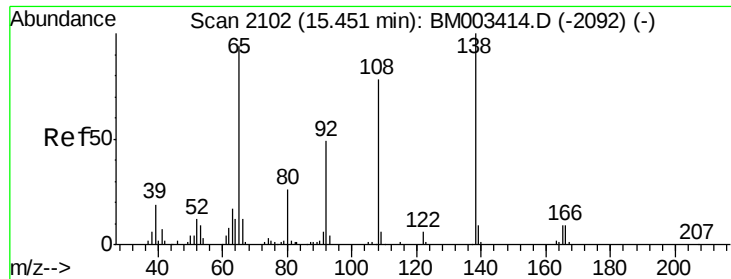
Tgt Ion:149 Resp: 257795
Ion Ratio Lower Upper
149 100
177 21.4 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 41.60 ng
RT: 15.39 min Scan# 2092
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:204 Resp: 123281
Ion Ratio Lower Upper
204 100
206 32.6 26.6 39.8
141 63.6 45.2 67.8

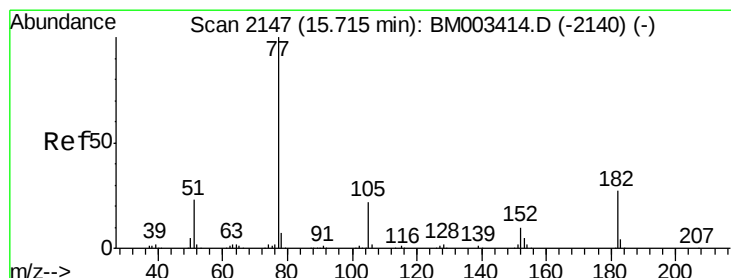
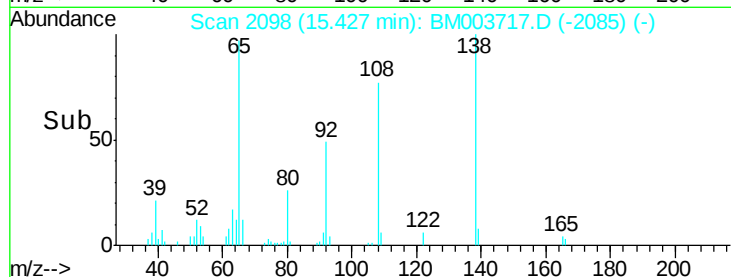
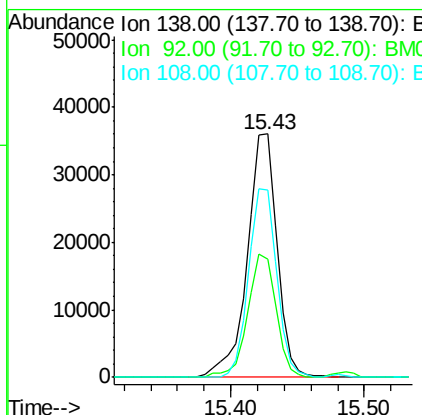
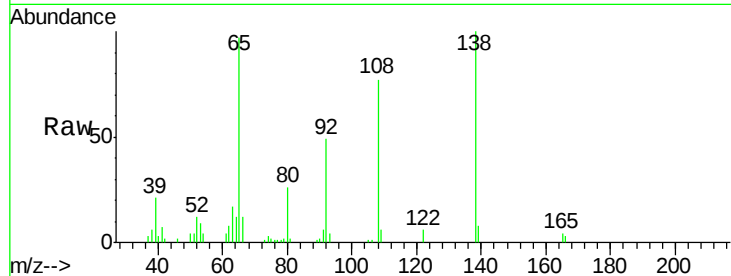




#61
4-Nitroaniline
Concen: 39.66 ng
RT: 15.43 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

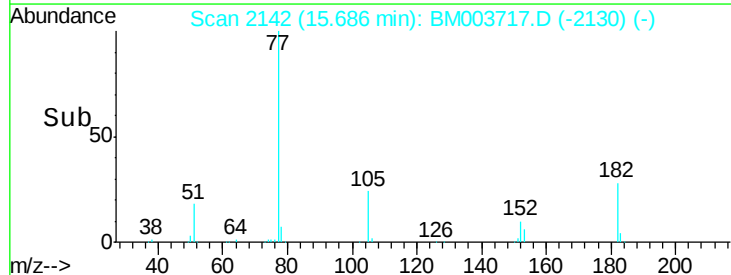
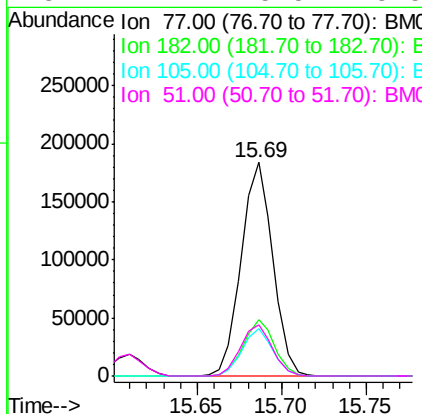
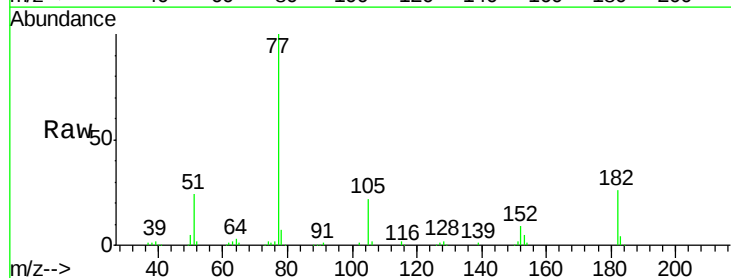
Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion: 138 Resp: 55429
Ion Ratio Lower Upper
138 100
92 48.8 16.7 56.7
108 76.8 37.6 77.6



#62
Azobenzene
Concen: 48.64 ng
RT: 15.69 min Scan# 2142
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion: 77 Resp: 239932
Ion Ratio Lower Upper
77 100
182 26.3 6.5 46.5
105 21.9 3.8 43.8
51 24.1 5.5 45.5

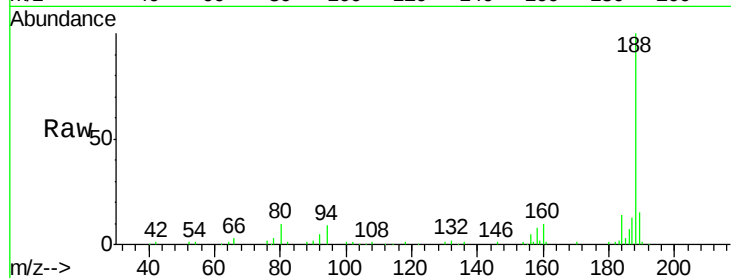




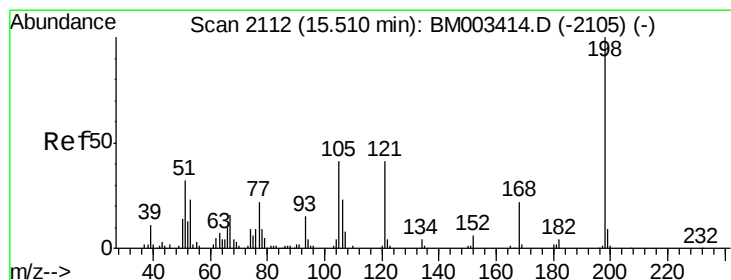
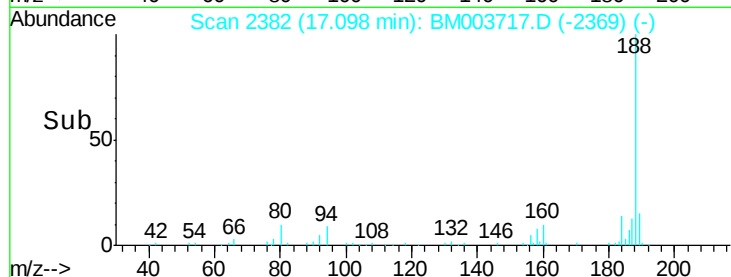
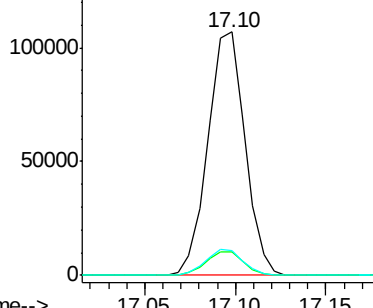
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.10 min Scan# 2382
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion:188 Resp: 152432
 Ion Ratio Lower Upper
 188 100
 94 9.4 8.7 13.1
 80 10.0 9.3 13.9

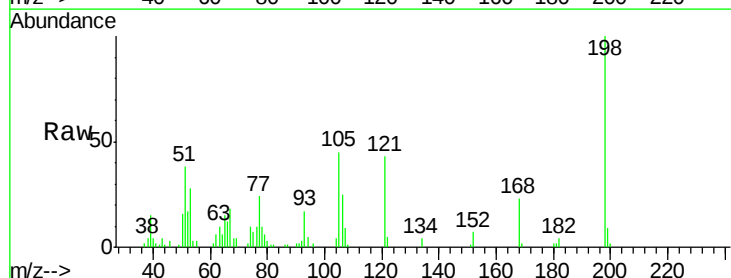


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM
 Ion 80.00 (79.70 to 80.70): BM

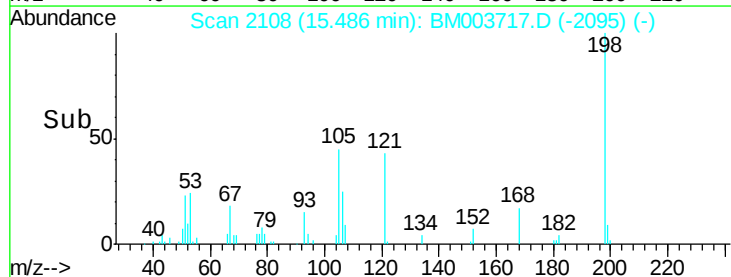
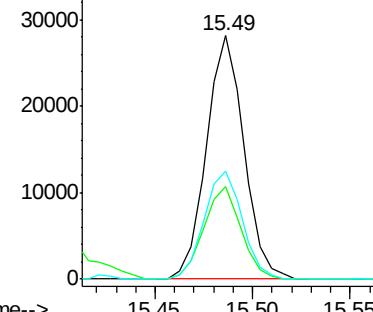


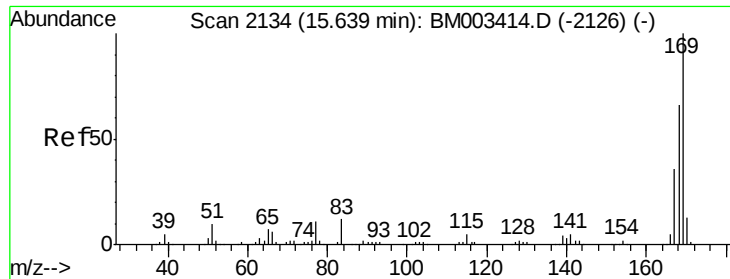
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.63 ng
 RT: 15.49 min Scan# 2108
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion:198 Resp: 37362
 Ion Ratio Lower Upper
 198 100
 51 37.9 28.8 68.8
 105 44.5 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM
 Ion 105.00 (104.70 to 105.70): E

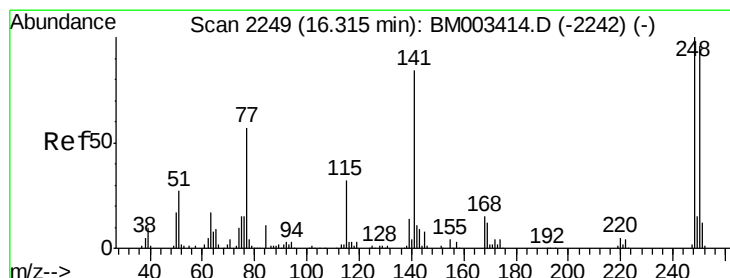
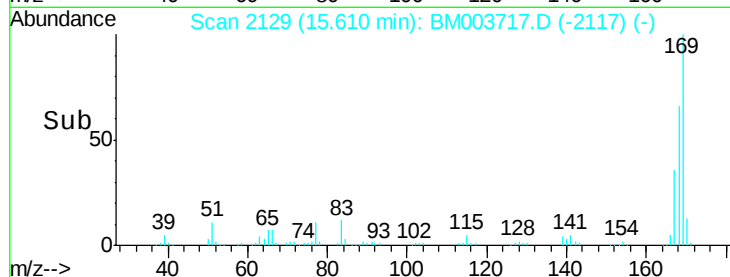
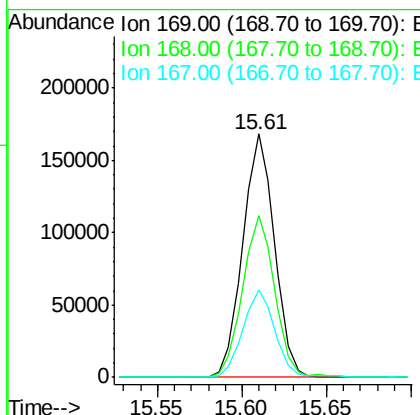
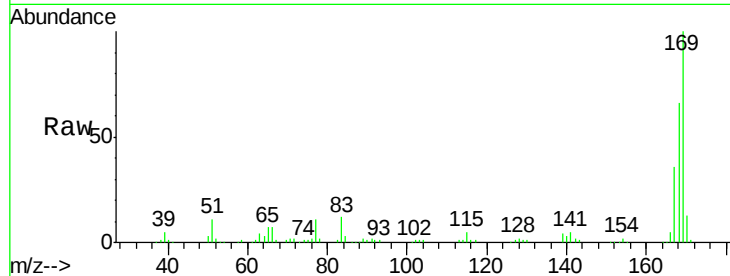




#65
 n-Nitrosodiphenylamine
 Concen: 45.70 ng
 RT: 15.61 min Scan# 2129
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

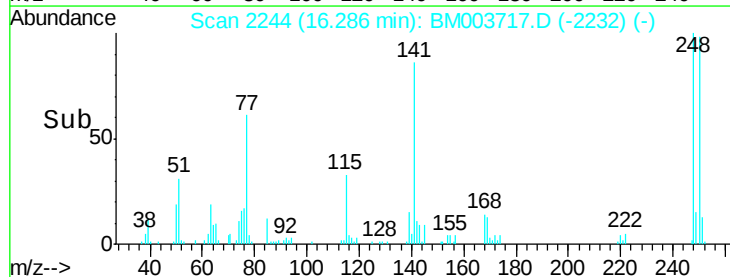
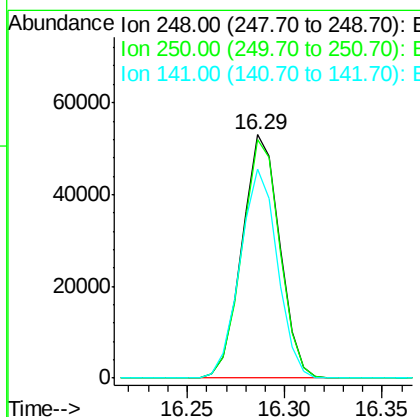
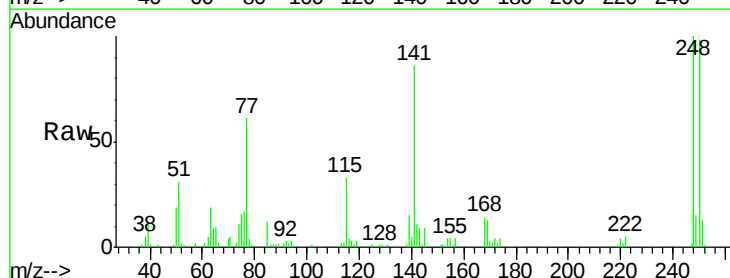
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

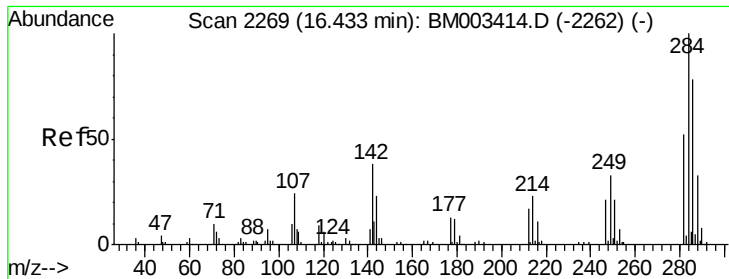
Tgt Ion:169 Resp: 220241
 Ion Ratio Lower Upper
 169 100
 168 66.2 53.9 80.9
 167 35.8 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 43.14 ng
 RT: 16.29 min Scan# 2244
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion:248 Resp: 70902
 Ion Ratio Lower Upper
 248 100
 250 98.1 77.4 116.0
 141 85.9 45.2 67.8#

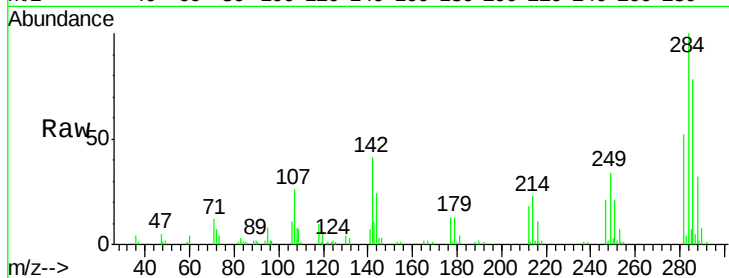




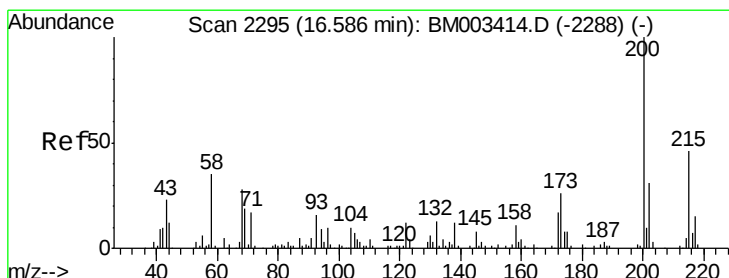
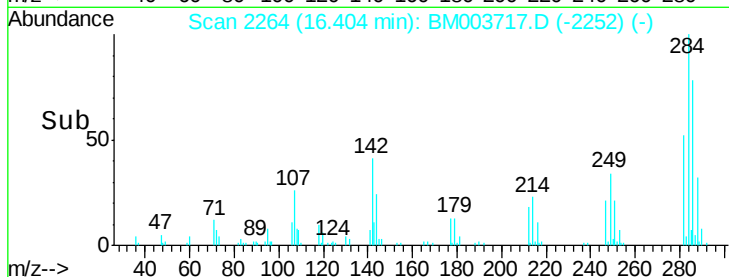
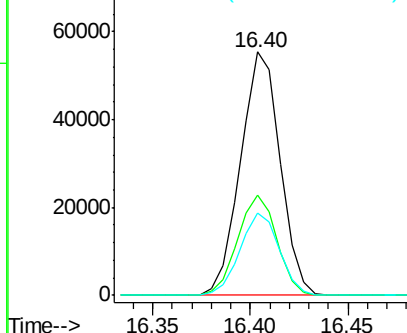
#67
Hexachlorobenzene
Concen: 43.97 ng
RT: 16.40 min Scan# 2264
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion: 284 Resp: 77644
Ion Ratio Lower Upper
284 100
142 41.1 20.4 30.6#
249 34.1 23.8 35.6

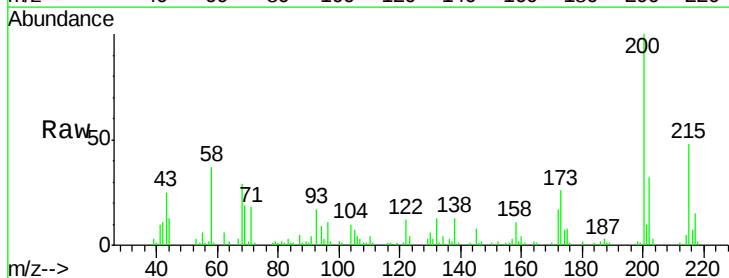


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

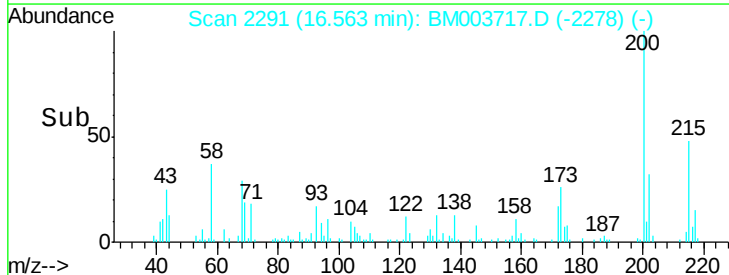
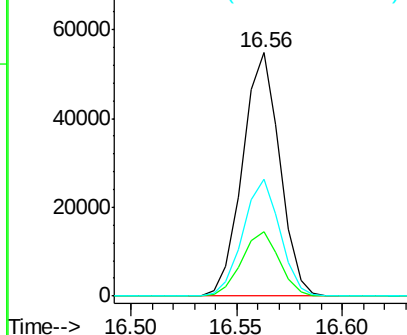


#68
Atrazine
Concen: 44.53 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion: 200 Resp: 66931
Ion Ratio Lower Upper
200 100
173 26.4 4.8 44.8
215 47.8 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

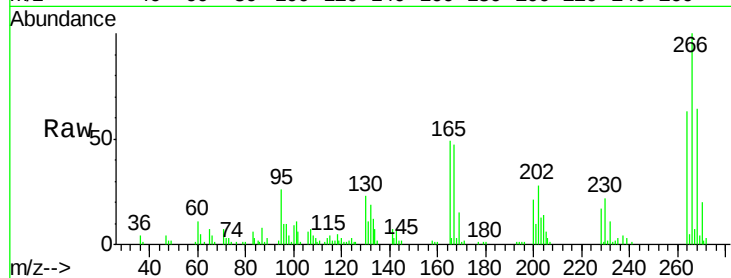




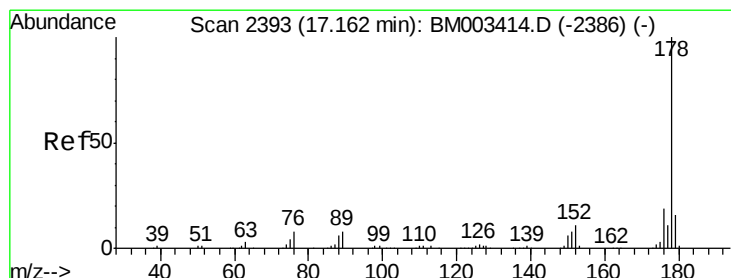
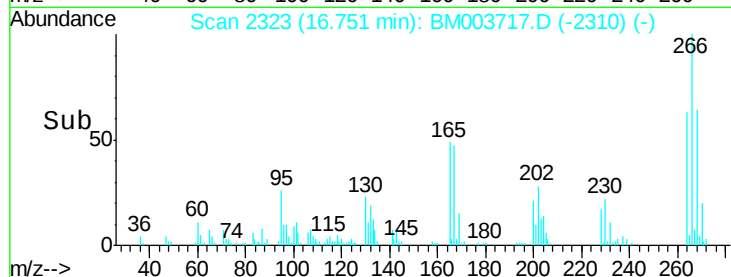
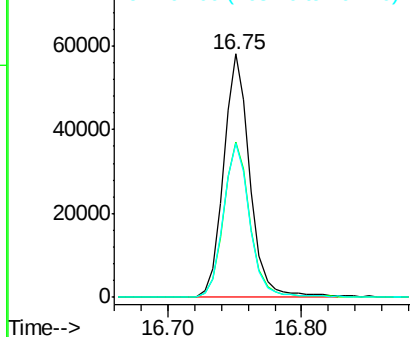
#69
 Pentachlorophenol
 Concen: 79.69 ng
 RT: 16.75 min Scan# 2323
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.9	52.0	78.0
264	63.2	49.0	73.4

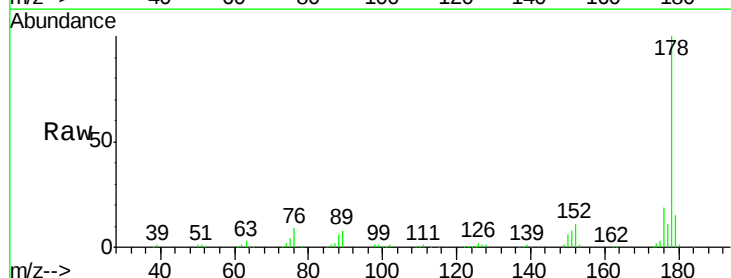


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

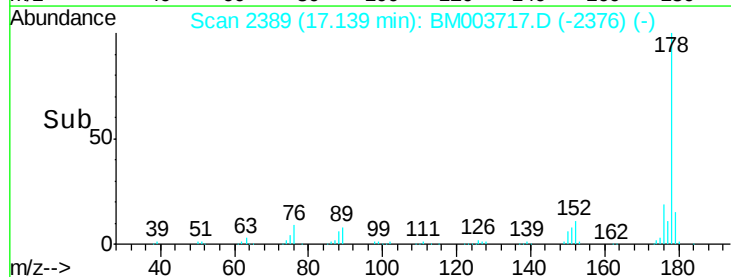
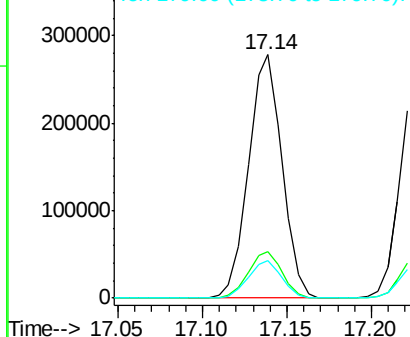


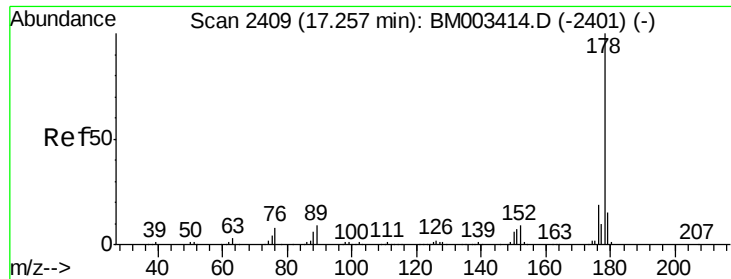
#70
 Phenanthrene
 Concen: 44.86 ng
 RT: 17.14 min Scan# 2389
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	15.2	12.1	18.1



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

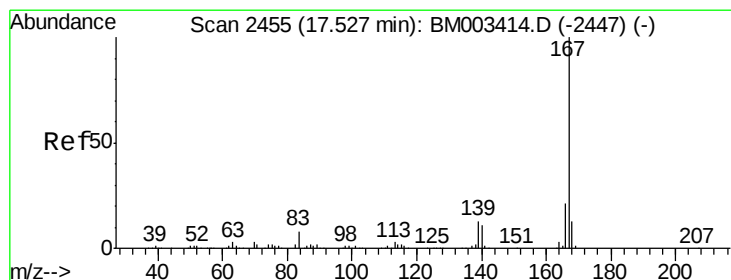
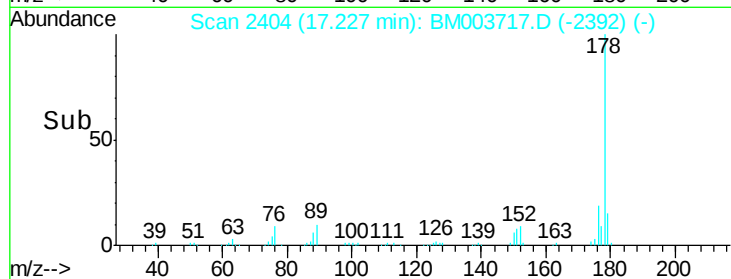
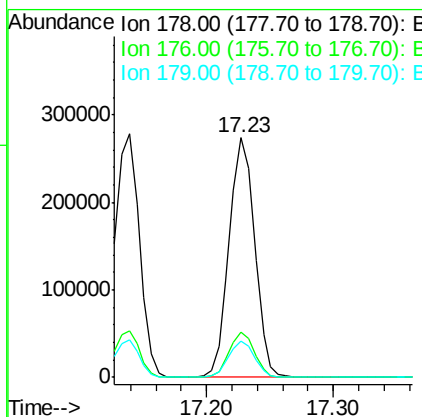
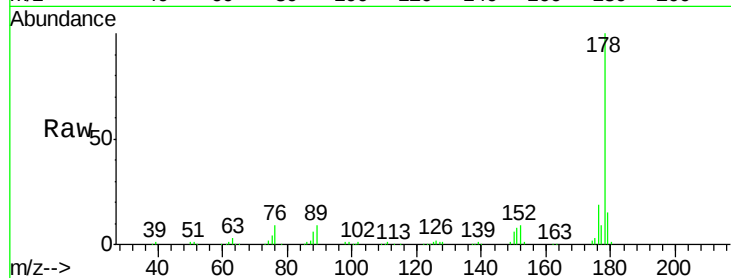




#71
 Anthracene
 Concen: 45.12 ng
 RT: 17.23 min Scan# 2404
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

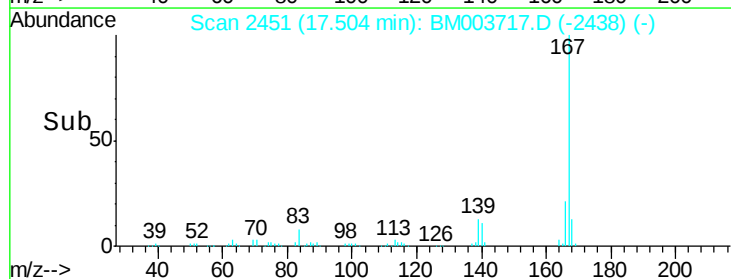
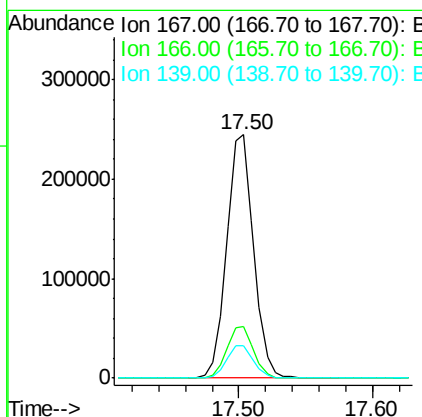
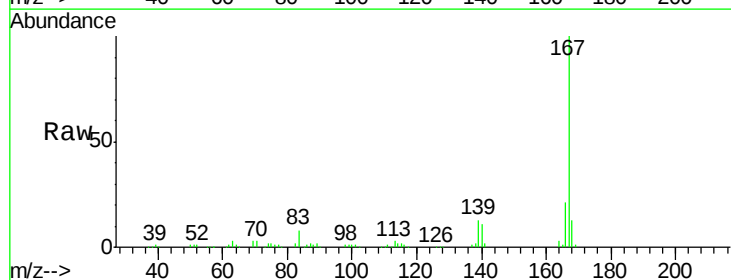
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

Tgt Ion:178 Resp: 383437
 Ion Ratio Lower Upper
 178 100
 176 18.6 14.6 22.0
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 46.56 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion:167 Resp: 344764
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 13.3 10.8 16.2

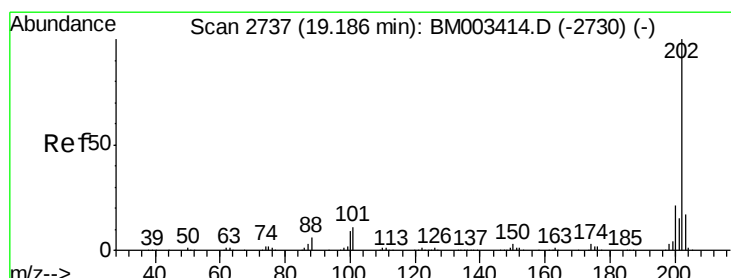
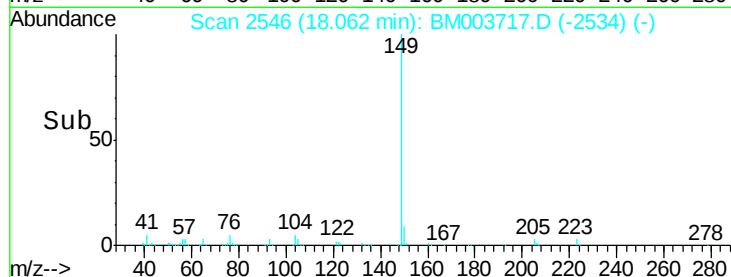
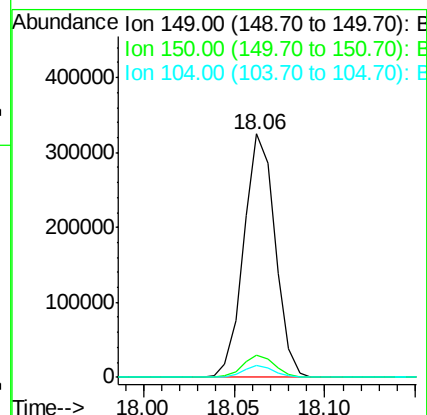
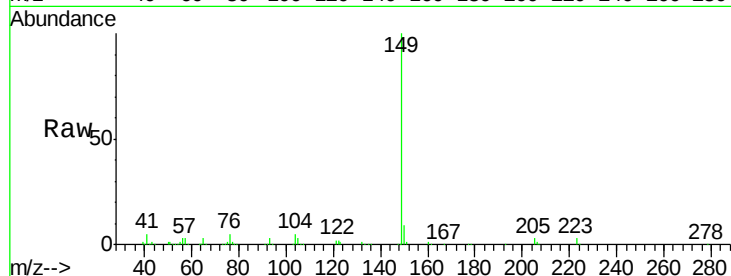




#73
Di-n-butylphthalate
Concen: 45.17 ng
RT: 18.06 min Scan# 2546
Delta R.T. -0.03 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

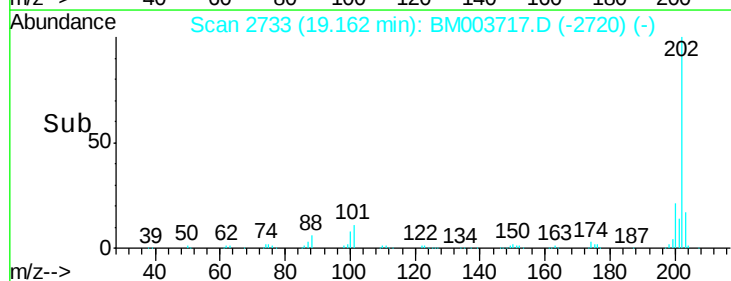
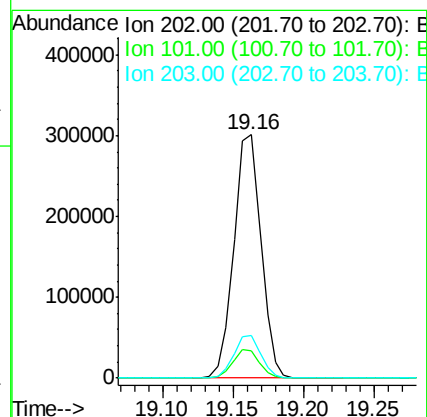
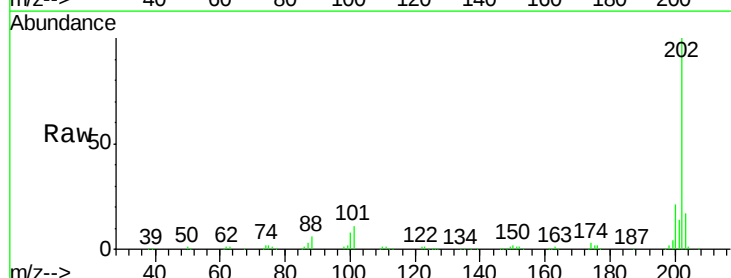
Instrument :
BNA_M
ClientSampleId :
PB87460BS

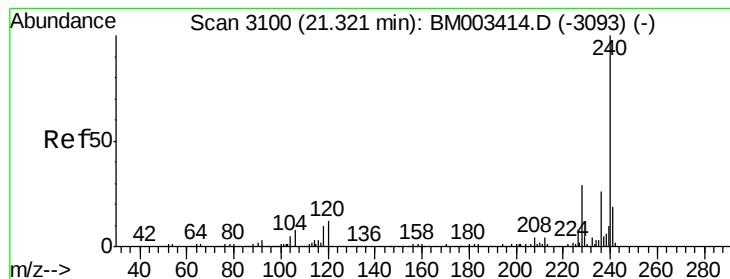
Tgt Ion:149 Resp: 390934
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.2 3.7 5.5



#74
Fluoranthene
Concen: 45.85 ng
RT: 19.16 min Scan# 2733
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:202 Resp: 404457
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.7
203 17.4 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.03 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

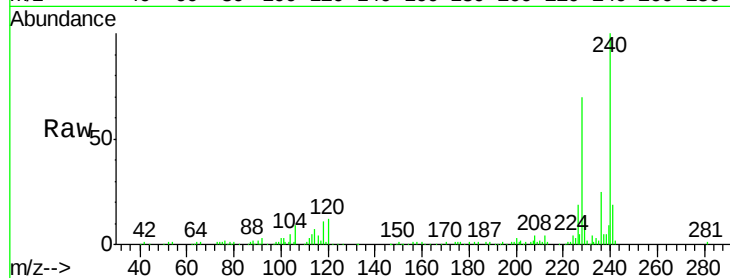
Tgt Ion:240 Resp: 146221

Ion Ratio Lower Upper

240 100

120 12.3 8.2 12.2#

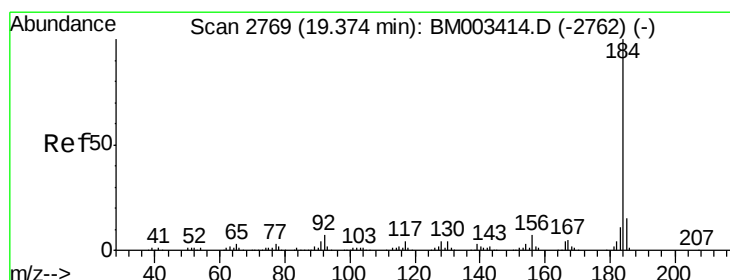
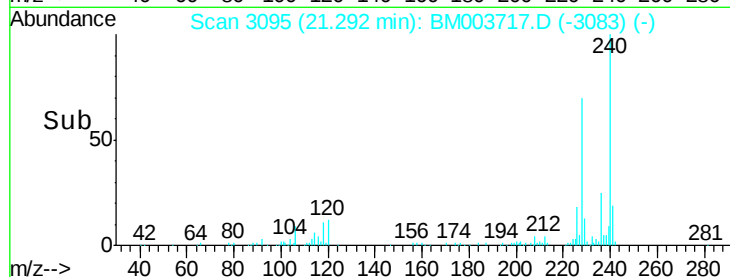
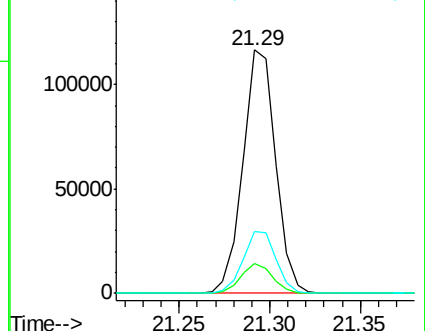
236 25.5 20.0 30.0



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: 25.79 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

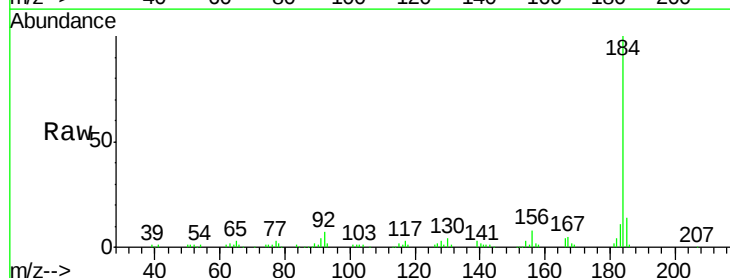
Tgt Ion:184 Resp: 120787

Ion Ratio Lower Upper

184 100

185 14.4 11.3 16.9

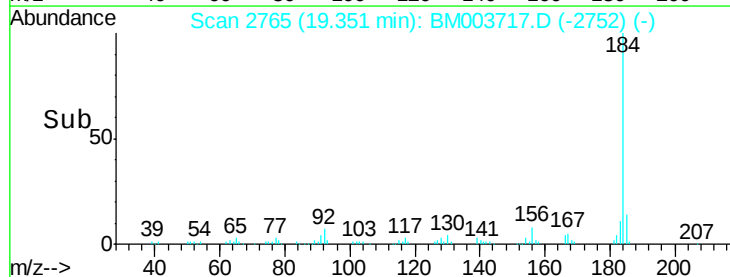
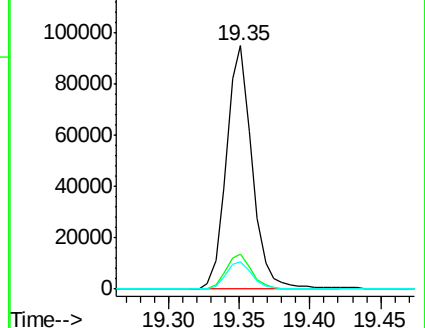
183 11.1 8.9 13.3

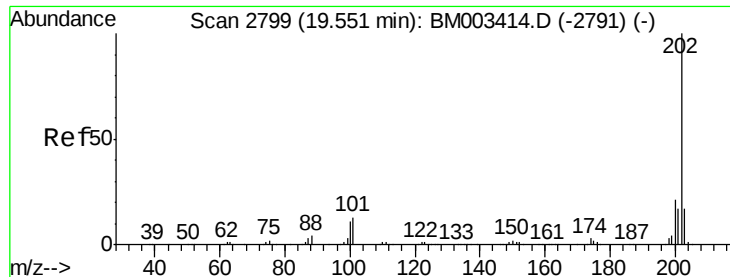


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

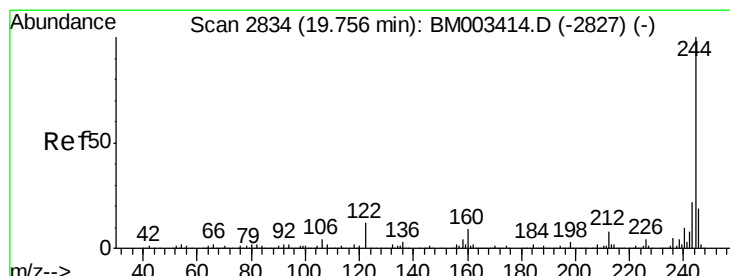
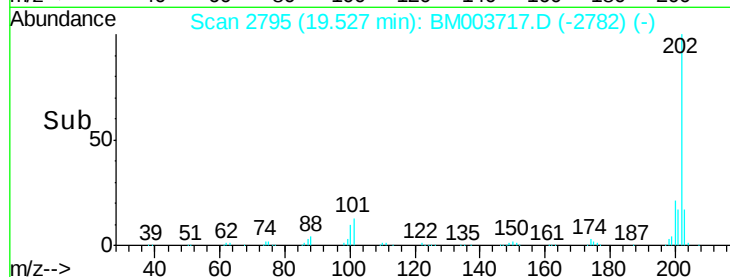
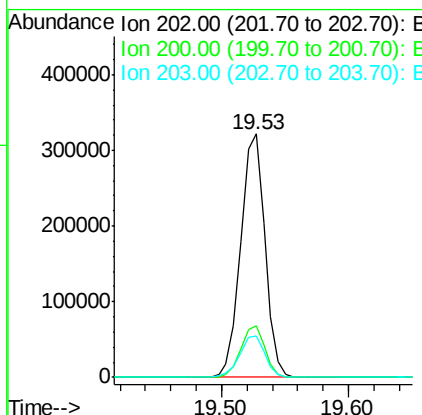
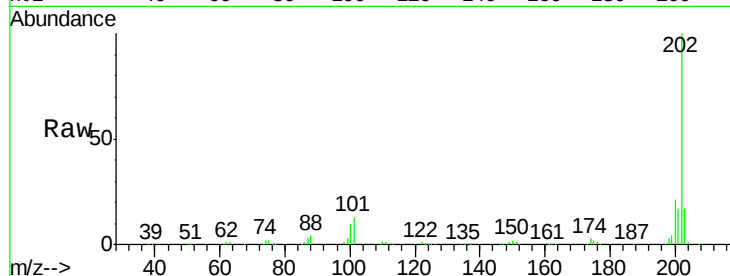




#77
 Pyrene
 Concen: 41.47 ng
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

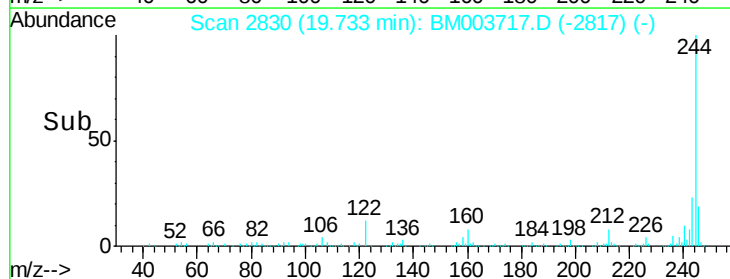
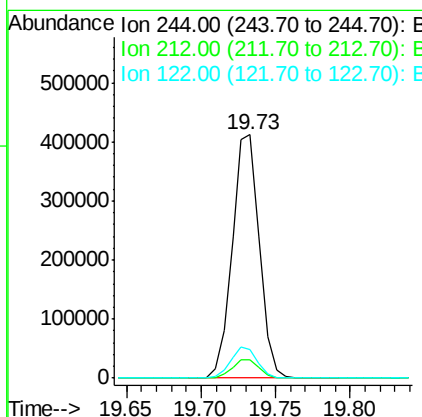
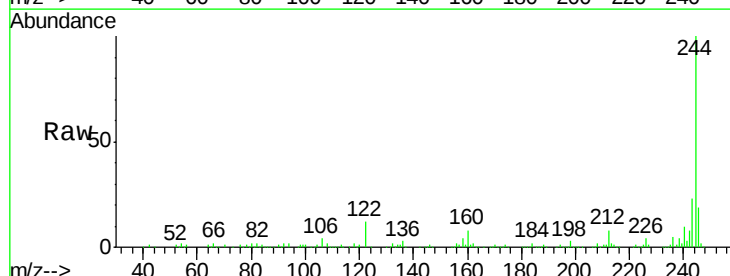
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

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



#78
 Terphenyl-d14
 Concen: 84.29 ng
 RT: 19.73 min Scan# 2830
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.5	6.2	9.4#

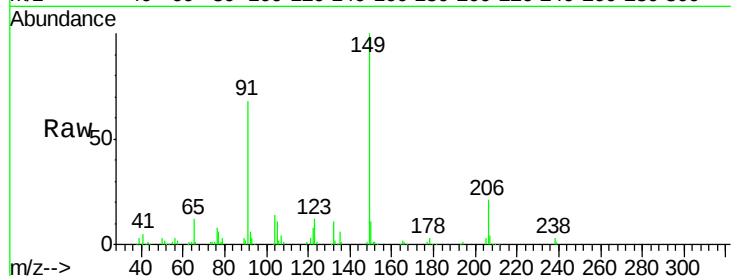




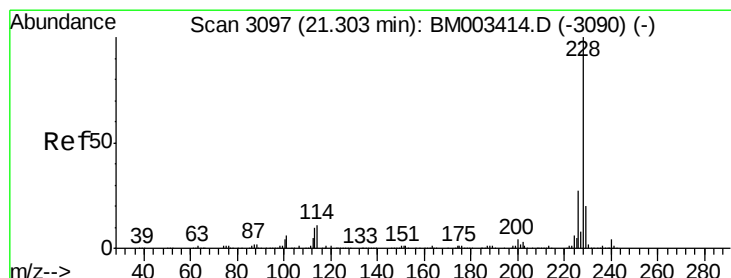
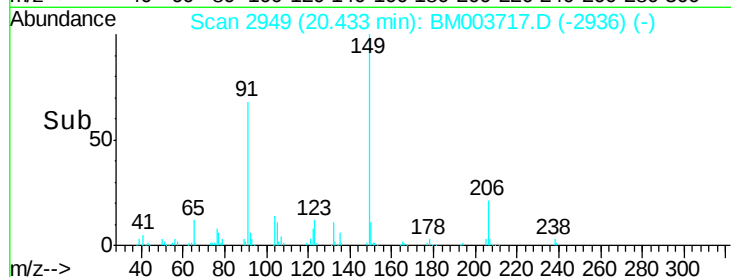
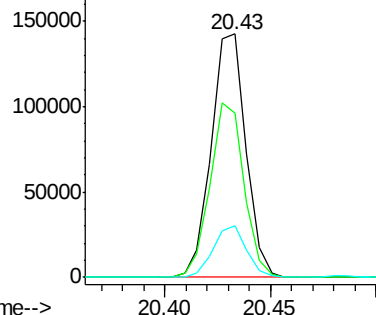
#79
Butylbenzylphthalate
Concen: 41.14 ng
RT: 20.43 min Scan# 2949
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Instrument :
BNA_M
ClientSampleId :
PB87460BS

Tgt Ion:149 Resp: 162467
Ion Ratio Lower Upper
149 100
91 67.7 50.1 75.1
206 21.1 16.2 24.2

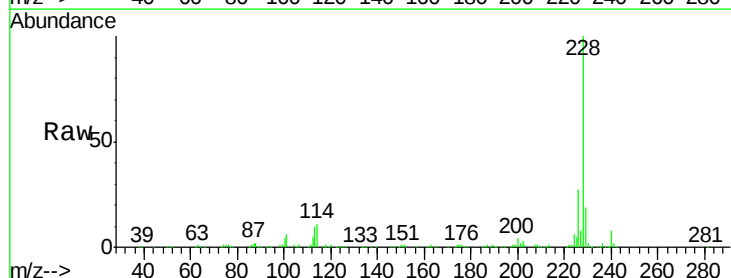


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM
Ion 206.00 (205.70 to 206.70): E

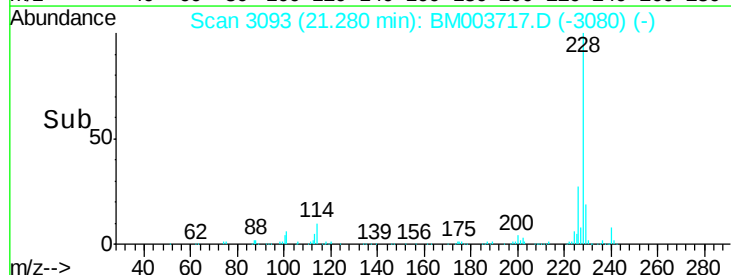
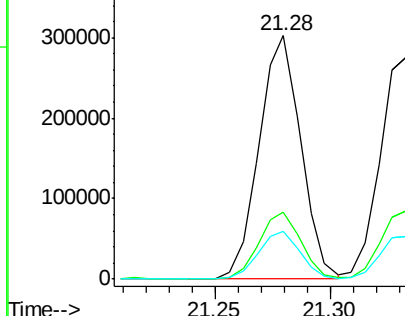


#80
Benzo(a)anthracene
Concen: 43.41 ng
RT: 21.28 min Scan# 3093
Delta R.T. -0.02 min
Lab File: BM003717.D
Acq: 22 Dec 2015 20:37

Tgt Ion:228 Resp: 380580
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 19.4 16.0 24.0



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

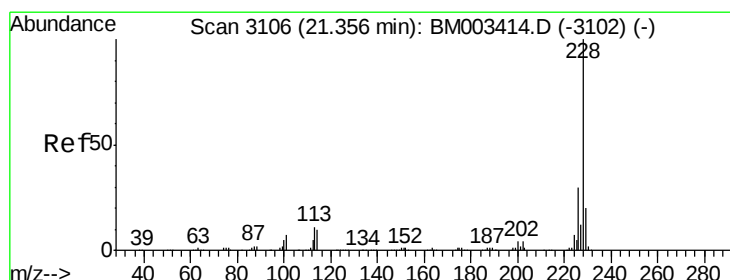
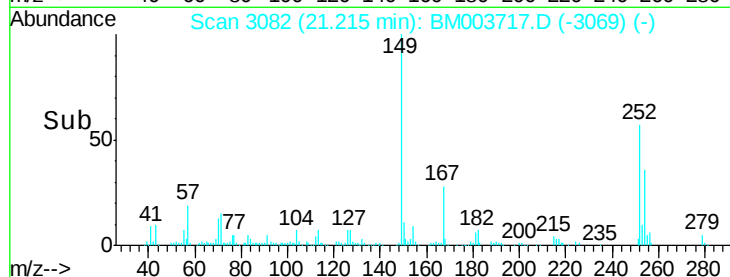
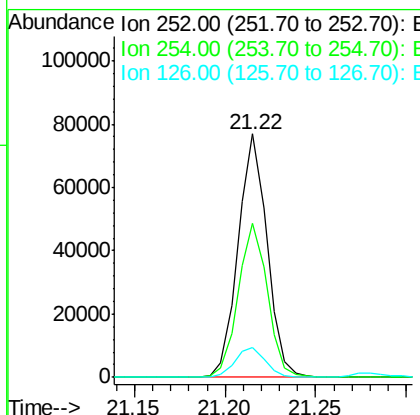
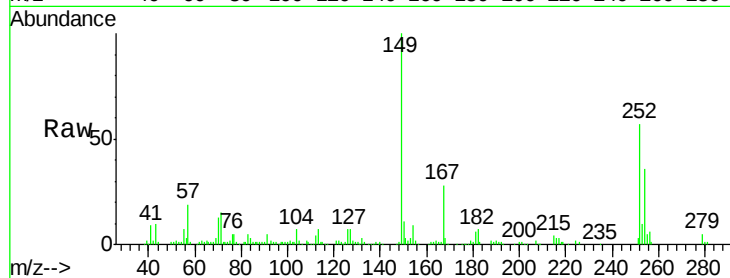




#81
 3,3'-Dichlorobenzidine
 Concen: 30.57 ng
 RT: 21.22 min Scan# 3082
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

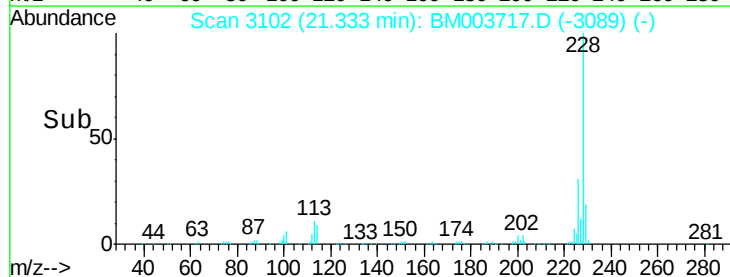
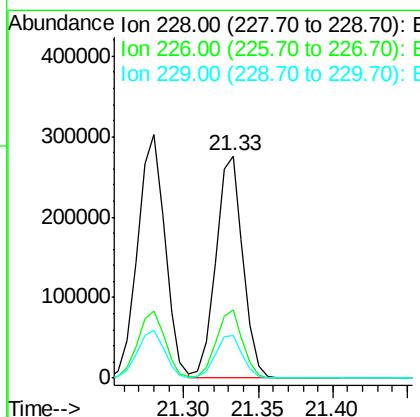
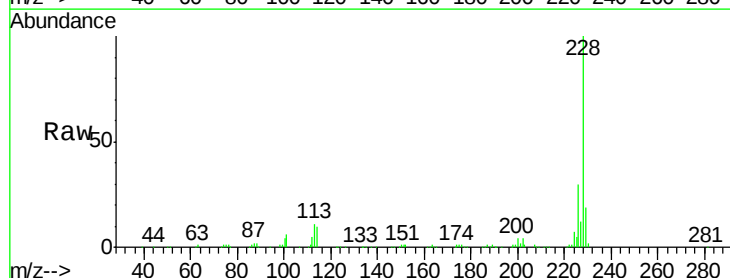
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

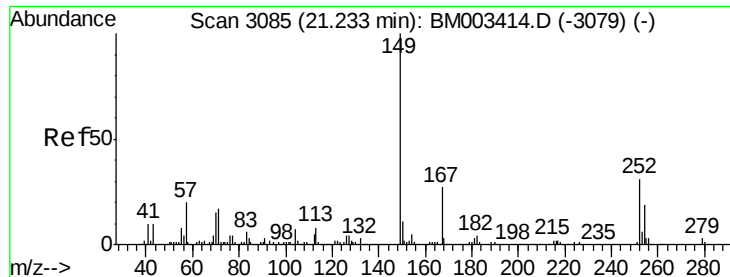
Tgt Ion: 252 Resp: 85326
 Ion Ratio Lower Upper
 252 100
 254 63.3 51.9 77.9
 126 12.3 9.8 14.8



#82
 Chrysene
 Concen: 41.45 ng
 RT: 21.33 min Scan# 3102
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion: 228 Resp: 349719
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.1 36.1
 229 19.2 15.5 23.3

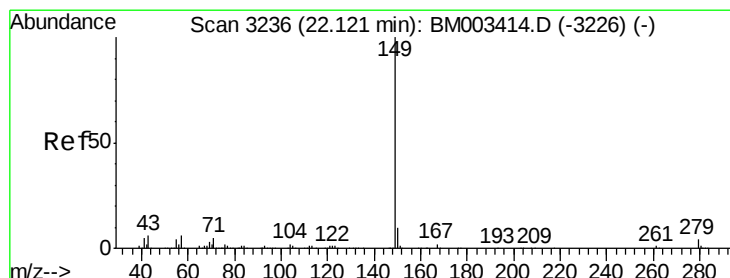
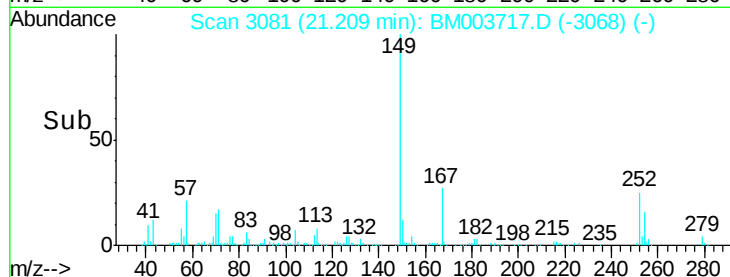
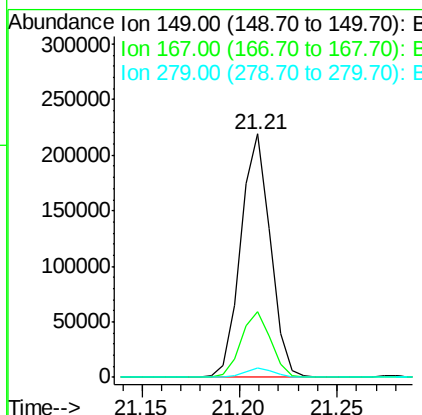
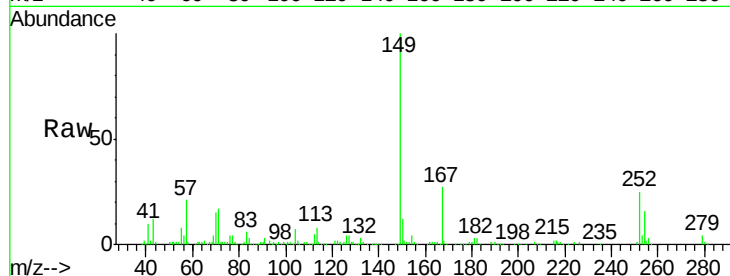




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.53 ng
 RT: 21.21 min Scan# 3081
 Delta R.T. -0.02 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

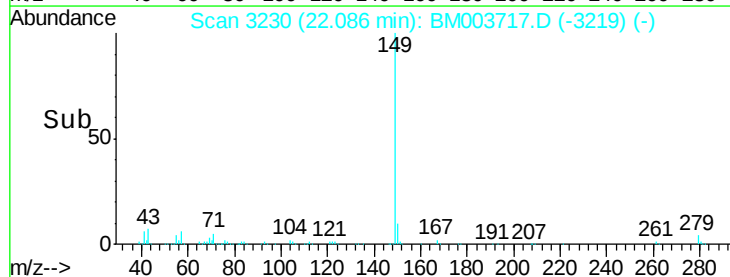
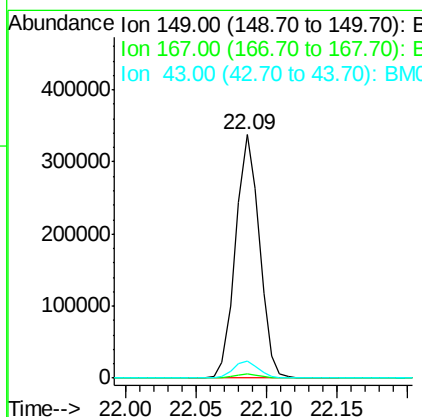
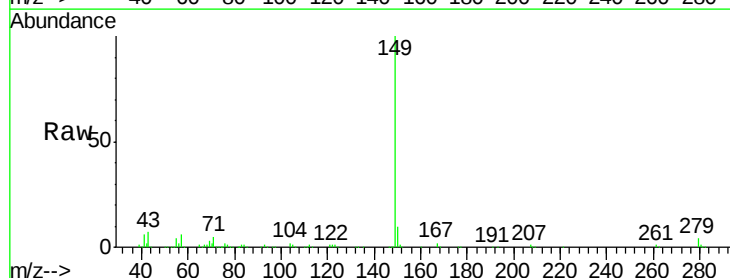
Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

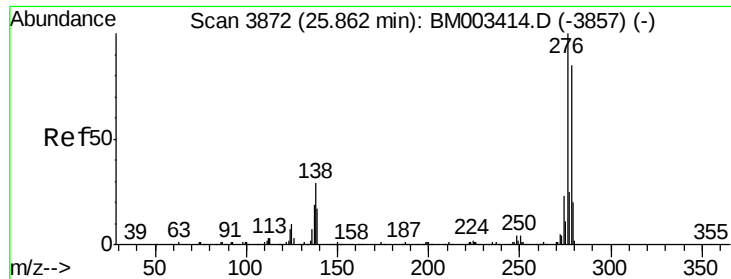
Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.4	33.6
279	3.8	3.4	5.0



#84
 Di-n-octyl phthalate
 Concen: 44.57 ng
 RT: 22.09 min Scan# 3230
 Delta R.T. -0.03 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.2	7.3	10.9#

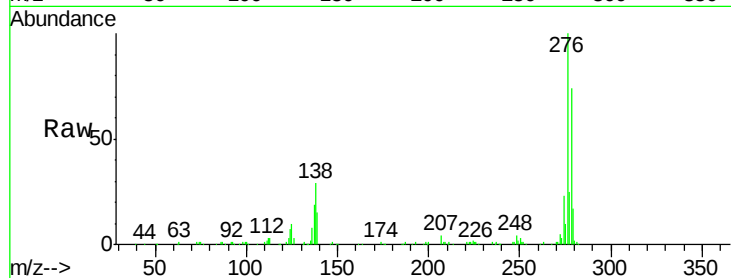




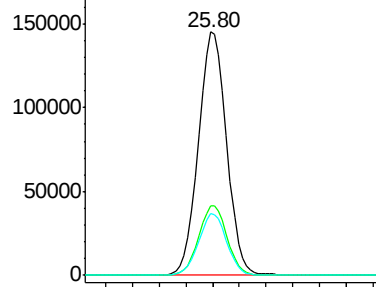
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 48.50 ng
 RT: 25.80 min Scan# 3861
 Delta R.T. -0.06 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

Instrument :
 BNA_M
 ClientSampleId :
 PB87460BS

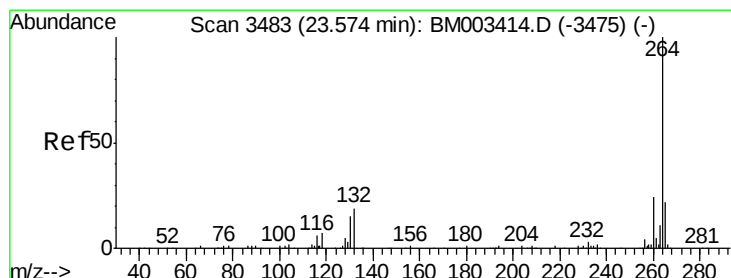
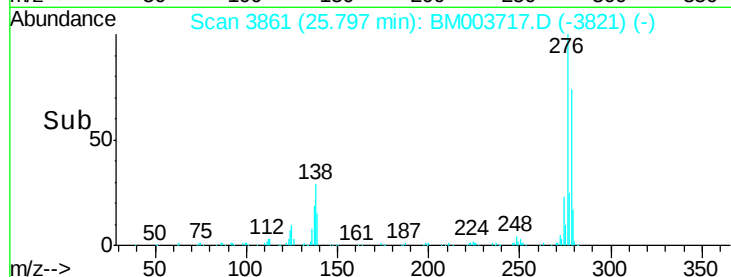
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.7	0.0	0.0#
277	25.0	0.0	0.0#



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

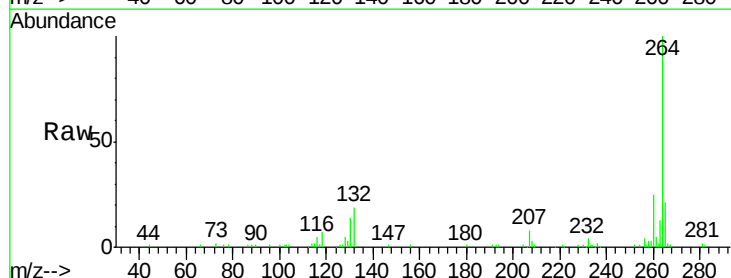


Time-->

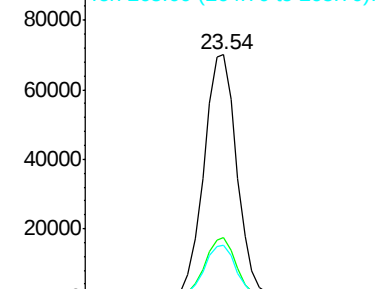


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.54 min Scan# 3477
 Delta R.T. -0.04 min
 Lab File: BM003717.D
 Acq: 22 Dec 2015 20:37

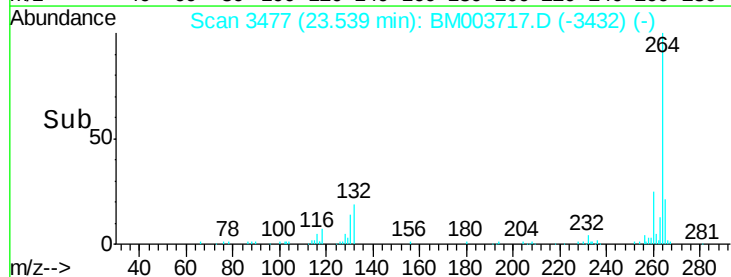
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	27.8
265	21.5	17.3	25.9

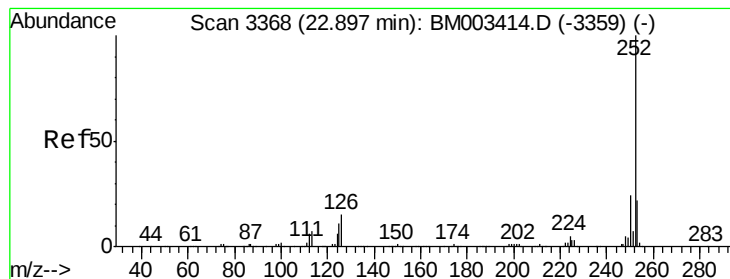


Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 44.45 ng

RT: 22.86 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

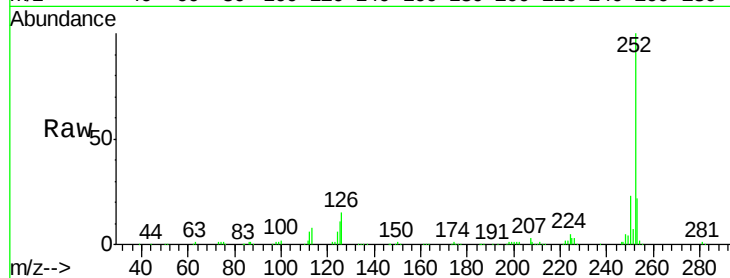
Instrument :

BNA_M

ClientSampleId :

PB87460BS

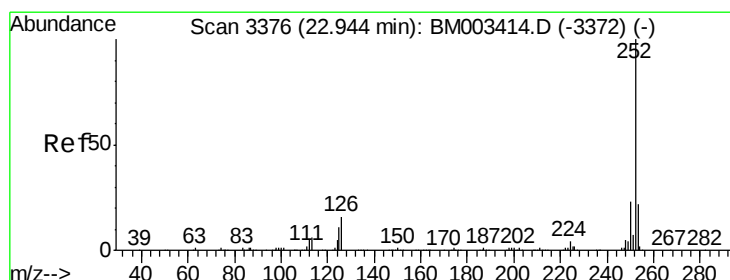
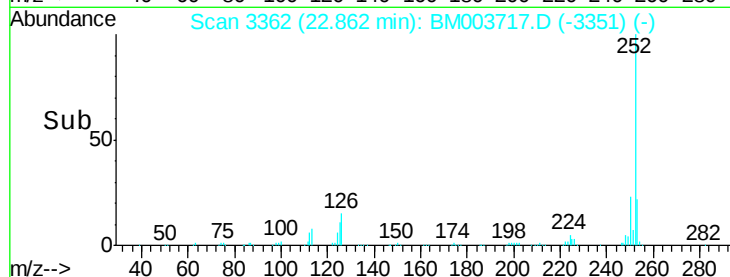
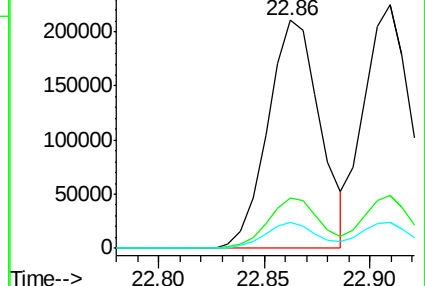
Tgt Ion:	252	Resp:	362732
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.0	27.0
125	11.3	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 43.89 ng

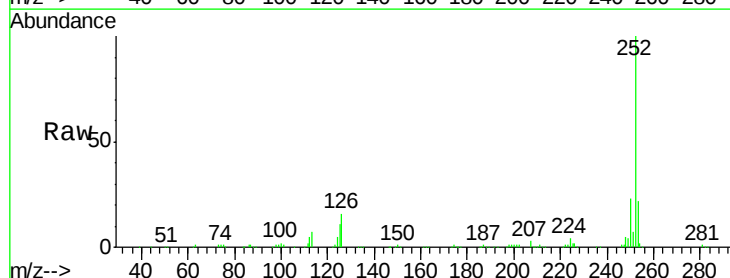
RT: 22.91 min Scan# 3370

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

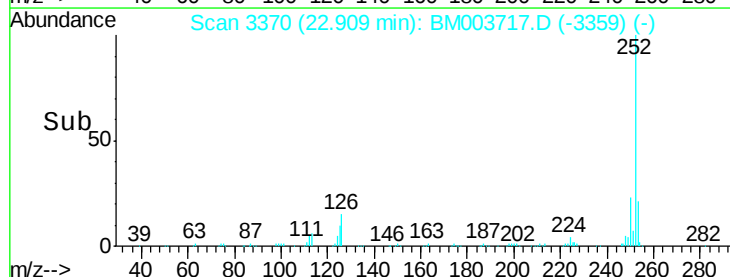
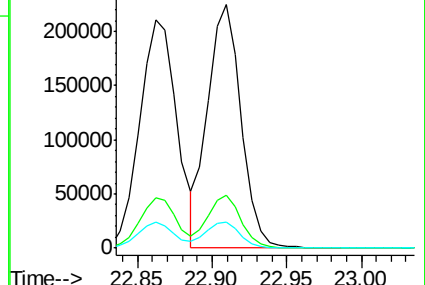
Tgt Ion:	252	Resp:	349639
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	10.9	8.1	12.1

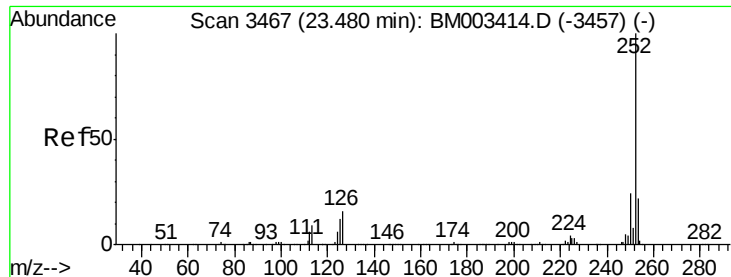


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 45.58 ng

RT: 23.44 min Scan# 3460

Delta R.T. -0.04 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS

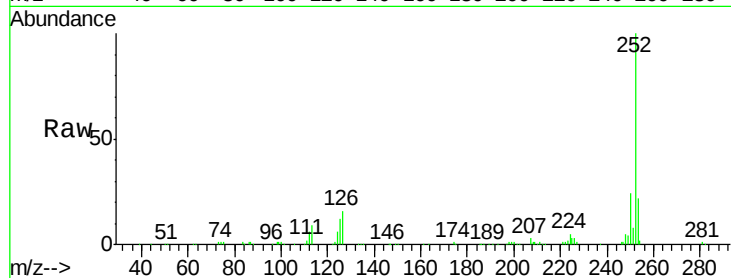
Tgt Ion:252 Resp: 349821

Ion Ratio Lower Upper

252 100

253 21.5 17.6 26.4

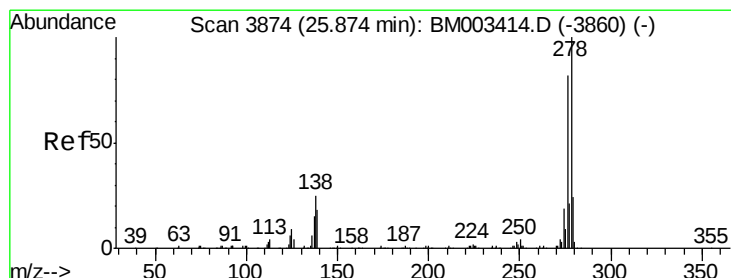
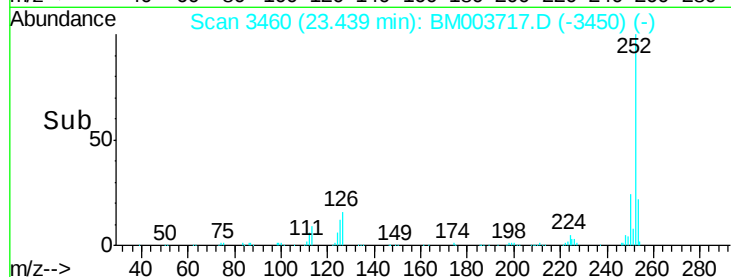
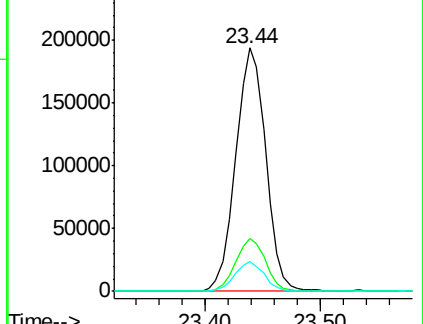
125 12.1 7.4 11.2#



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: 47.96 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.06 min

Lab File: BM003717.D

Acq: 22 Dec 2015 20:37

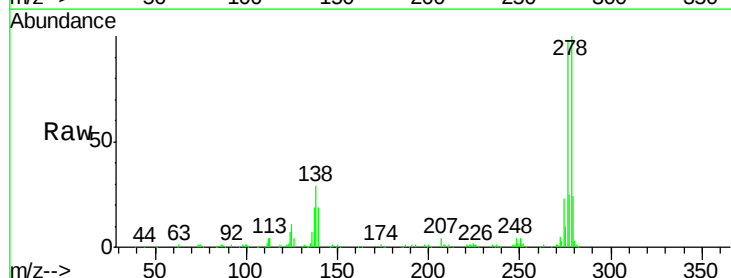
Tgt Ion:278 Resp: 359377

Ion Ratio Lower Upper

278 100

139 19.0 13.4 20.0

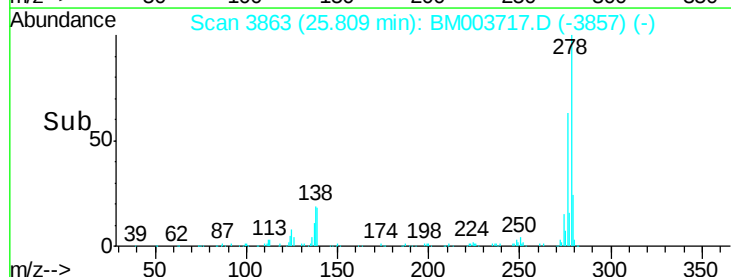
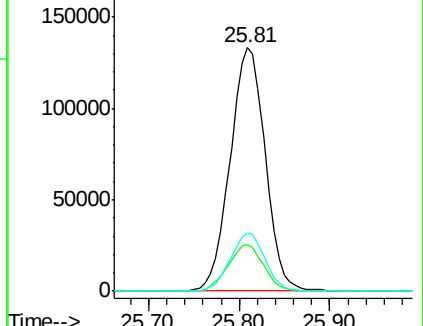
279 24.0 19.0 28.4

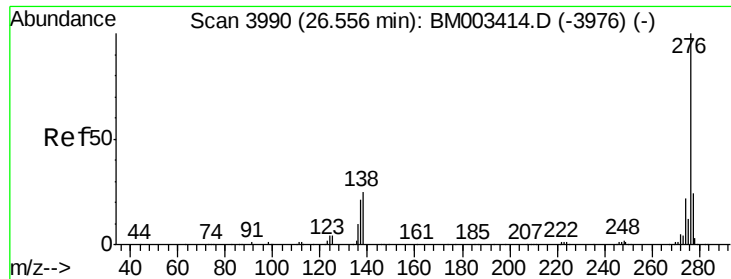


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.89 ng

RT: 26.50 min Scan# 3980

Delta R.T. -0.06 min

Lab File: BM003717.D

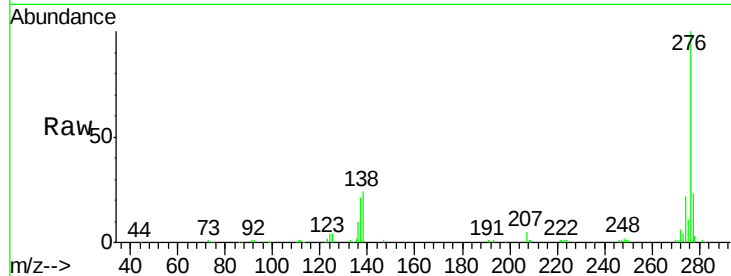
Acq: 22 Dec 2015 20:37

Instrument :

BNA_M

ClientSampleId :

PB87460BS



Tgt Ion:	276	Resp:	370126
Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.5	27.7
138	24.4	19.0	28.6

