

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003422.D
 Acq On : 09 Dec 2015 20:54
 Operator : UM/IZ
 Sample : PB87163BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

Quant Time: Dec 10 00:24:57 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	7.72	152	64052	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	259844	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	129582	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	245029	20.00	ng	0.00
75) Chrysene-d12	21.32	240	239569	20.00	ng	0.00
86) Perylene-d12	23.57	264	246457	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	438073	121.60	ng	0.00
7) Phenol-d6	6.89	99	555991	111.14	ng	0.00
23) Nitrobenzene-d5	8.88	82	328704	78.43	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	140347	108.45	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	754795	79.36	ng	0.00
78) Terphenyl-d14	19.75	244	718659	70.74	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	48202	32.24	ng	# 100
3) Pyridine	3.60	79	140215	33.48	ng	87
4) n-Nitrosodimethylamine	3.52	42	50992	38.03	ng	89
6) Aniline	7.05	93	139250	21.15	ng	96
8) 2-Chlorophenol	7.29	128	169784	37.22	ng	95
9) Benzaldehyde	6.86	77	86043	35.08	ng	97
10) Phenol	6.92	94	197508	37.21	ng	# 73
11) bis(2-Chloroethyl)ether	7.15	93	148747	34.63	ng	97
12) 1,3-Dichlorobenzene	7.61	146	178173	35.56	ng	98
13) 1,4-Dichlorobenzene	7.76	146	182876	35.39	ng	97
14) 1,2-Dichlorobenzene	8.07	146	175430	35.56	ng	97
15) Benzyl Alcohol	7.96	79	129122	37.30	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	150512	32.81	ng	91
17) 2-Methylphenol	8.16	107	134652	36.28	ng	97
18) Hexachloroethane	8.80	117	62809	35.38	ng	90
19) n-Nitroso-di-n-propylamine	8.53	70	108065	32.93	ng	# 87
20) 3+4-Methylphenols	8.49	107	178563	34.78	ng	99
22) Acetophenone	8.54	105	227978	35.80	ng	# 90
24) Nitrobenzene	8.92	77	169070	37.31	ng	# 89
25) Isophorone	9.44	82	289662	34.17	ng	97
26) 2-Nitrophenol	9.63	139	81145	35.41	ng	94
27) 2,4-Dimethylphenol	9.69	122	151075	37.86	ng	96
28) bis(2-Chloroethoxy)methane	9.93	93	192126	37.72	ng	98
29) 2,4-Dichlorophenol	10.16	162	146913	38.65	ng	99
30) 1,2,4-Trichlorobenzene	10.38	180	158384	37.32	ng	98
31) Naphthalene	10.56	128	502507	36.96	ng	99
32) Benzoic acid	9.80	122	63672	29.59	ng	95
33) 4-Chloroaniline	10.67	127	47463	8.46	ng	# 96
34) Hexachlorobutadiene	10.85	225	93174	37.02	ng	97
35) Caprolactam	11.43	113	37433	29.79	ng	# 69
36) 4-Chloro-3-methylphenol	11.80	107	144677	33.75	ng	92
37) 2-Methylnaphthalene	12.18	142	351536	37.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	163309	39.20	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	204652	88.07	ng	99

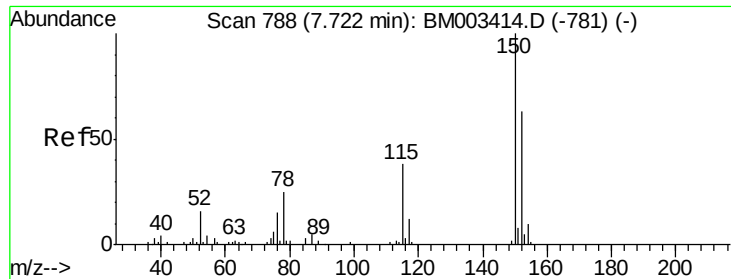
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003422.D
 Acq On : 09 Dec 2015 20:54
 Operator : UM/IZ
 Sample : PB87163BS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	104081	38.31	ng	98
43) 2,4,5-Trichlorophenol	12.87	196	110884	38.83	ng #	92
45) 1,1'-Biphenyl	13.20	154	427739	37.22	ng	99
46) 2-Chloronaphthalene	13.24	162	324865	38.49	ng #	93
47) 2-Nitroaniline	13.45	65	72670	34.71	ng	91
48) Acenaphthylene	14.09	152	523104	37.17	ng	100
49) Dimethylphthalate	13.83	163	378536	35.45	ng	99
50) 2,6-Dinitrotoluene	13.95	165	80333	36.06	ng	95
51) Acenaphthene	14.44	154	306137	37.54	ng	100
52) 3-Nitroaniline	14.28	138	35208	15.44	ng	90
53) 2,4-Dinitrophenol	14.49	184	70371	57.95	ng #	82
54) Dibenzofuran	14.77	168	475218	40.35	ng	94
55) 4-Nitrophenol	14.59	139	130404	69.26	ng	83
56) 2,4-Dinitrotoluene	14.74	165	106507	36.84	ng #	73
57) Fluorene	15.43	166	362866	37.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.00	232	87596	39.91	ng #	100
59) Diethylphthalate	15.20	149	364138	34.73	ng	98
60) 4-Chlorophenyl-phenylether	15.42	204	178212	36.10	ng	94
61) 4-Nitroaniline	15.44	138	78186	33.58	ng #	75
62) Azobenzene	15.71	77	325752	39.64	ng	97
64) 4,6-Dinitro-2-methylphenol	15.50	198	49457	33.45	ng	86
65) n-Nitrosodiphenylamine	15.63	169	309714	39.98	ng	98
66) 4-Bromophenyl-phenylether	16.32	248	101548	38.44	ng #	87
67) Hexachlorobenzene	16.43	284	110274	38.85	ng #	85
68) Atrazine	16.59	200	98192	40.64	ng	98
69) Pentachlorophenol	16.77	266	119433	73.71	ng	98
70) Phenanthrene	17.16	178	538360	39.15	ng	99
71) Anthracene	17.26	178	538653	39.43	ng	99
72) Carbazole	17.53	167	473978	39.82	ng	99
73) Di-n-butylphthalate	18.09	149	524089	37.67	ng	99
74) Fluoranthene	19.19	202	558596	39.39	ng	98
76) Benzidine	19.37	184	169423	22.08	ng	98
77) Pyrene	19.55	202	581882	34.63	ng	99
79) Butylbenzylphthalate	20.45	149	214171	33.10	ng	94
80) Benzo(a)anthracene	21.30	228	543384	37.83	ng	100
81) 3,3'-Dichlorobenzidine	21.23	252	98359	21.51	ng	99
82) Chrysene	21.35	228	497730	36.00	ng	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	311813	35.14	ng #	98
84) Di-n-octyl phthalate	22.11	149	571797	39.00	ng #	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	672820	46.32	ng #	100
87) Benzo(b)fluoranthene	22.89	252	573403	38.27	ng	97
88) Benzo(k)fluoranthene	22.94	252	534772	36.56	ng	100
89) Benzo(a)pyrene	23.47	252	547523	38.86	ng #	97
90) Dibenzo(a,h)anthracene	25.86	278	561741	40.83	ng	99
91) Benzo(g,h,i)perylene	26.55	276	567504	40.83	ng	99

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

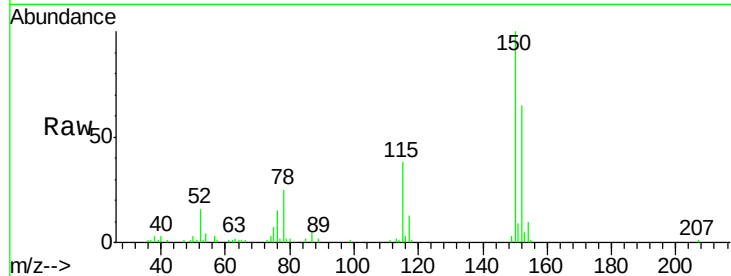


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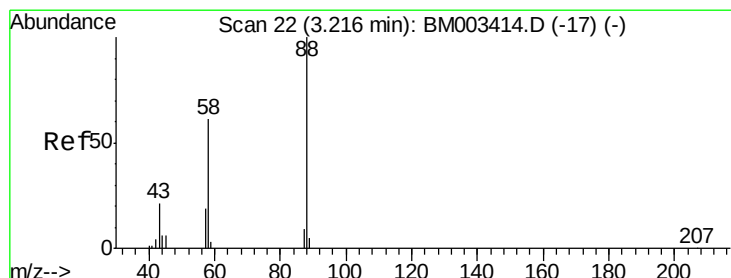
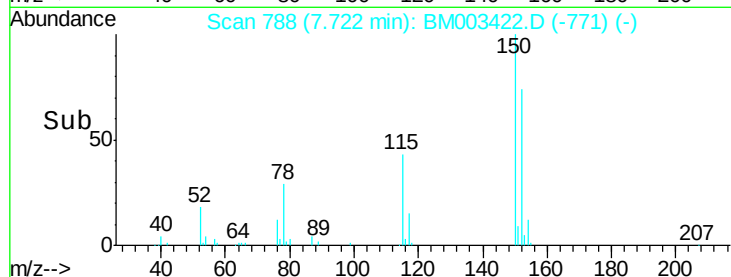
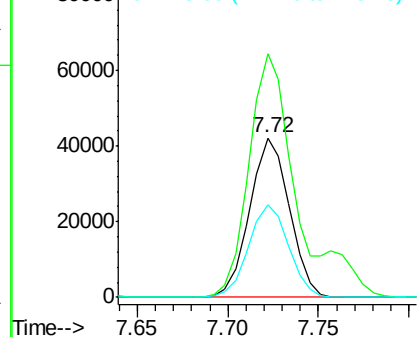
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Instrument :
BNA_M
ClientSampleId :
PB87163BS

Tgt Ion:152 Resp: 64052
Ion Ratio Lower Upper
152 100
150 152.7 119.5 179.3
115 58.4 43.0 64.4



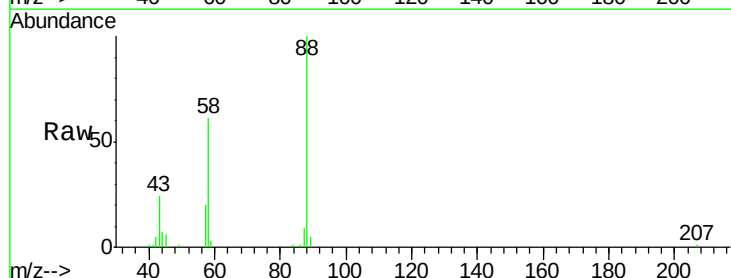
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



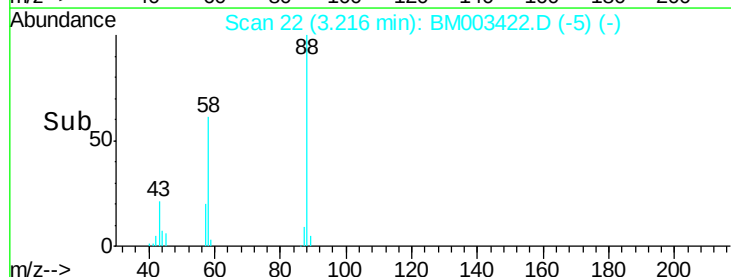
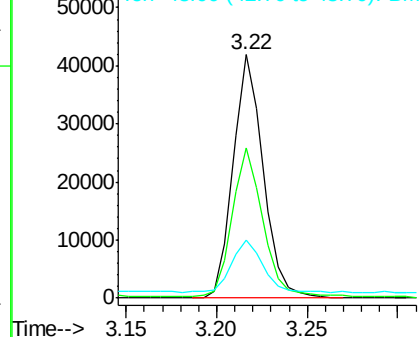
#2

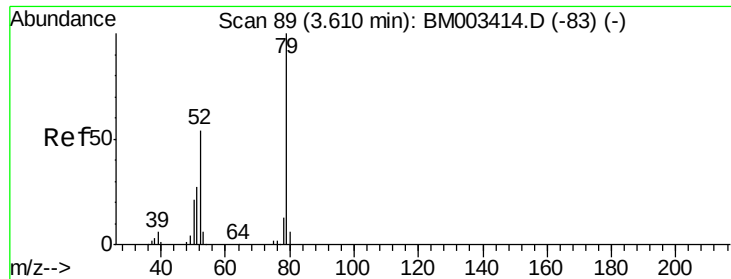
1,4-Dioxane
Concen: 32.24 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion: 88 Resp: 48202
Ion Ratio Lower Upper
88 100
58 61.2 0.0 0.0#
43 23.3 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: 33.48 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

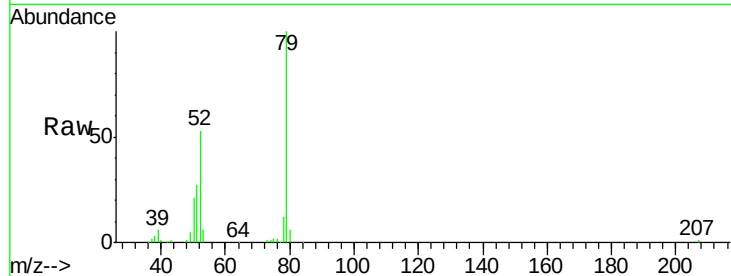
Tgt Ion: 79 Resp: 140215

Ion Ratio Lower Upper

79 100

52 53.3 51.1 76.7

51 26.7 26.1 39.1

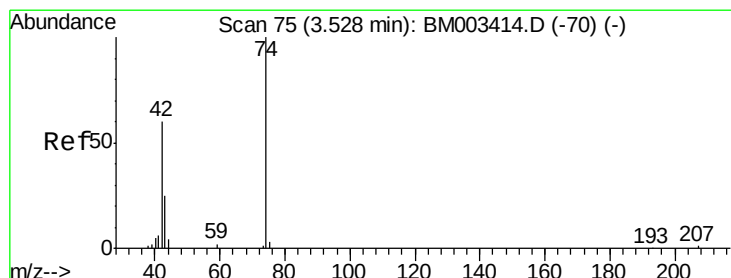
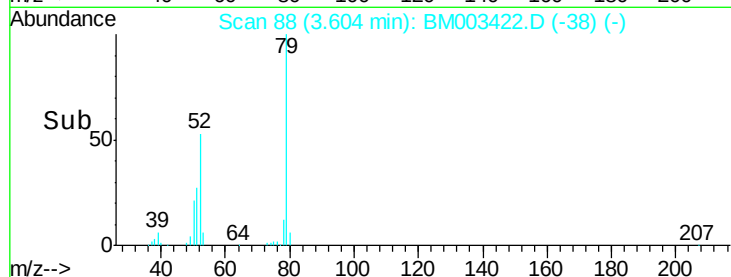
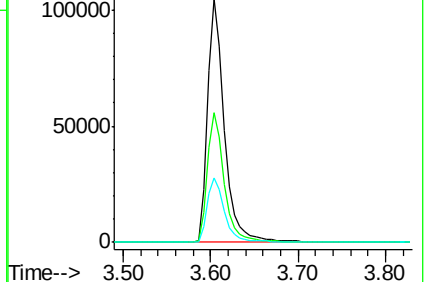


Abundance Ion 79.00 (78.70 to 79.70): BM003414.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003414.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003414.D (-83) (-)

3.60



#4

n-Nitrosodimethylamine

Concen: 38.03 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

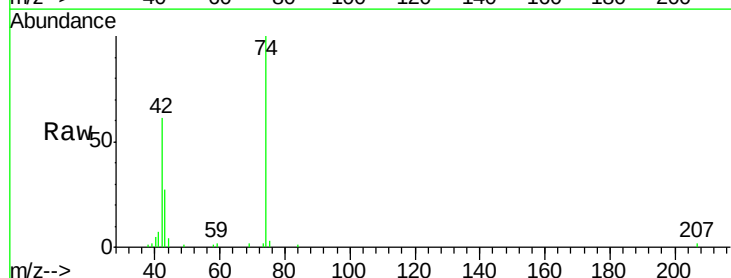
Tgt Ion: 42 Resp: 50992

Ion Ratio Lower Upper

42 100

74 164.0 119.3 178.9

44 6.2 5.4 8.2

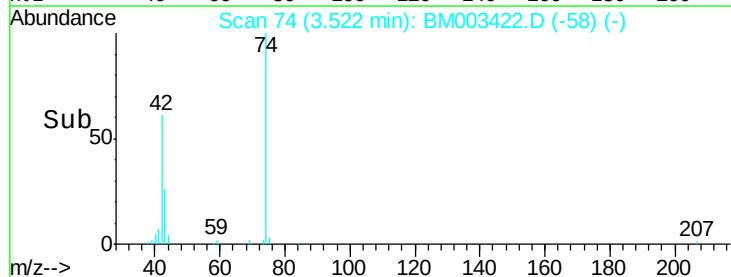
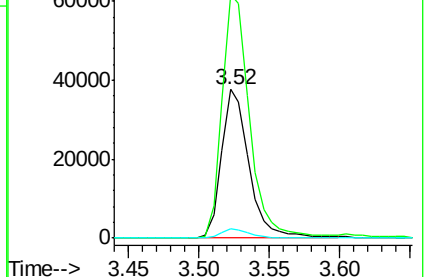


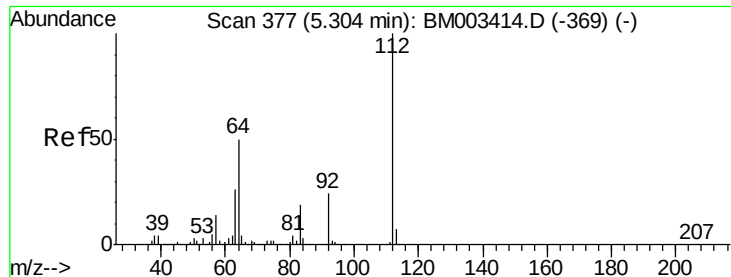
Abundance Ion 42.00 (41.70 to 42.70): BM003414.D (-70) (-)

Ion 74.00 (73.70 to 74.70): BM003414.D (-70) (-)

Ion 44.00 (43.70 to 44.70): BM003414.D (-70) (-)

3.52





#5

2-Fluorophenol

Concen: 121.60 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

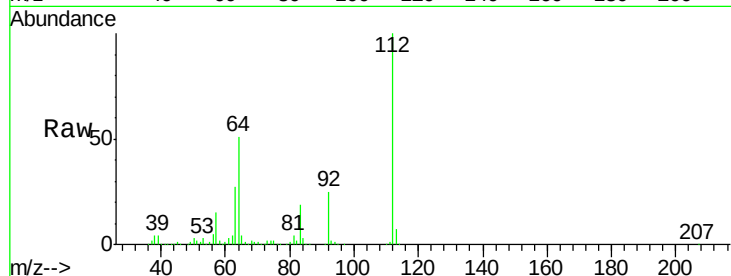
Tgt Ion: 112 Resp: 438073

Ion Ratio Lower Upper

112 100

64 50.9 38.6 57.8

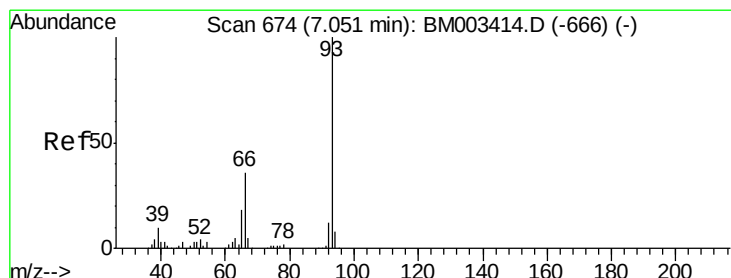
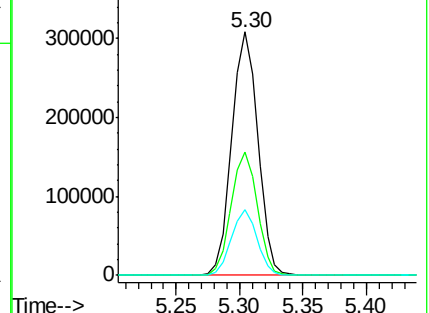
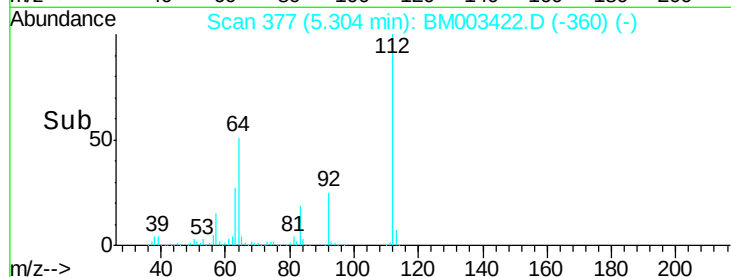
63 26.8 19.3 28.9



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 21.15 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

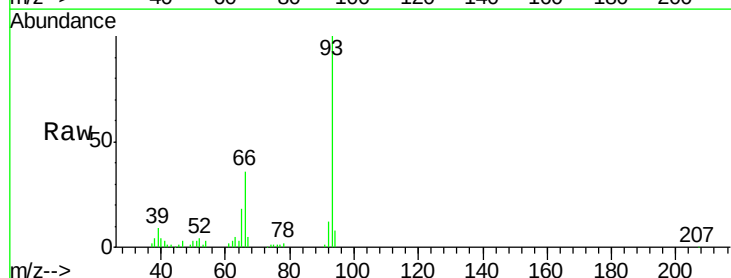
Tgt Ion: 93 Resp: 139250

Ion Ratio Lower Upper

93 100

66 36.2 30.8 46.2

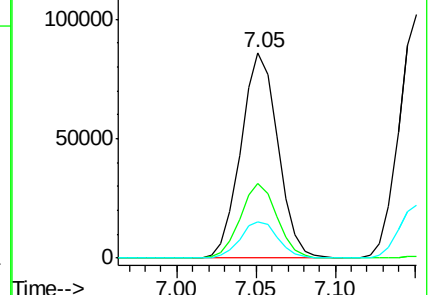
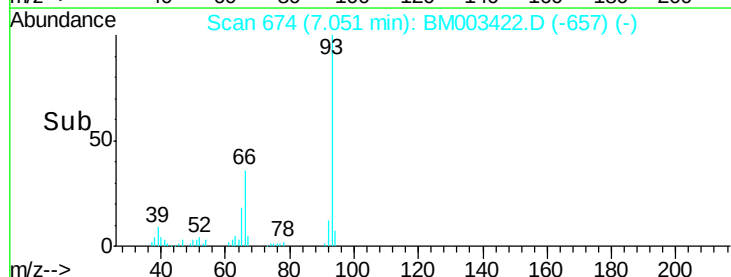
65 17.7 16.0 24.0

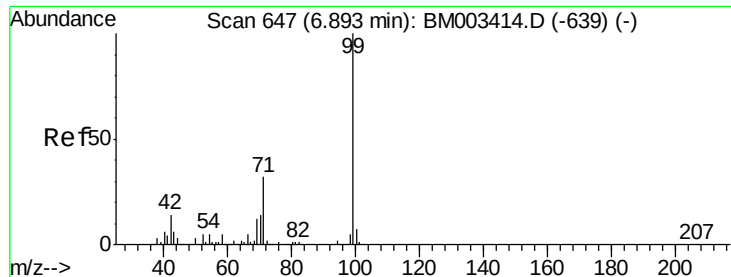


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

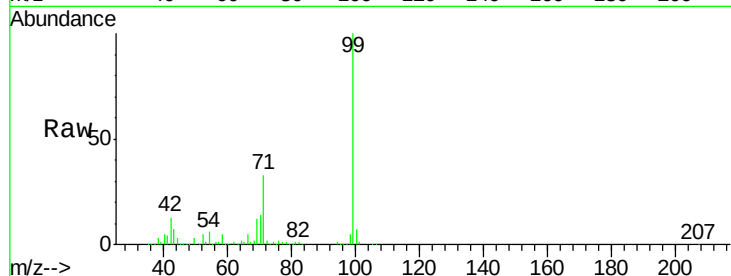
Tgt Ion: 99 Resp: 555991

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

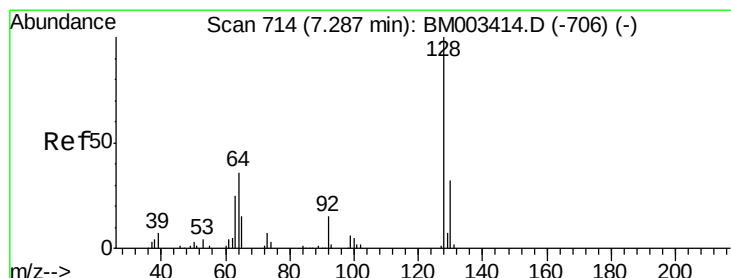
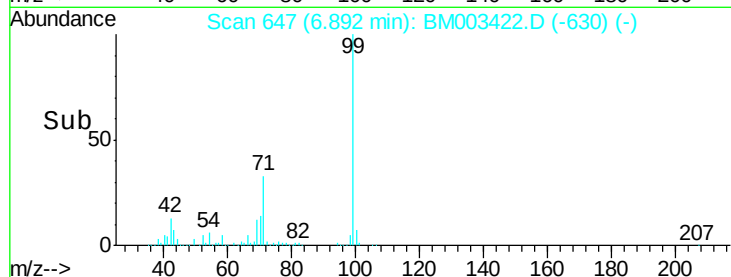
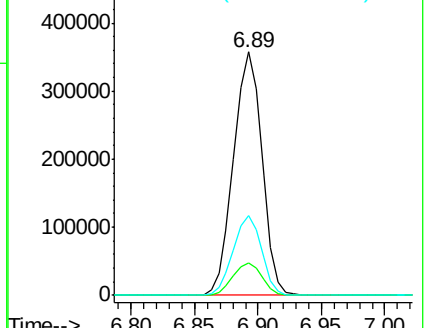
71 32.5 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BM003414.D (-639) (-)

Ion 42.00 (41.70 to 42.70): BM003414.D (-639) (-)

Ion 71.00 (70.70 to 71.70): BM003414.D (-639) (-)



#8

2-Chlorophenol

Concen: 37.22 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

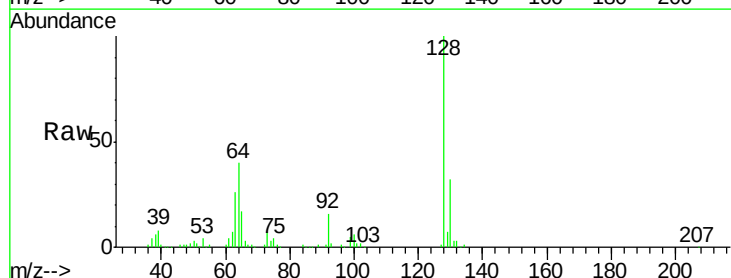
Tgt Ion: 128 Resp: 169784

Ion Ratio Lower Upper

128 100

130 32.3 12.0 52.0

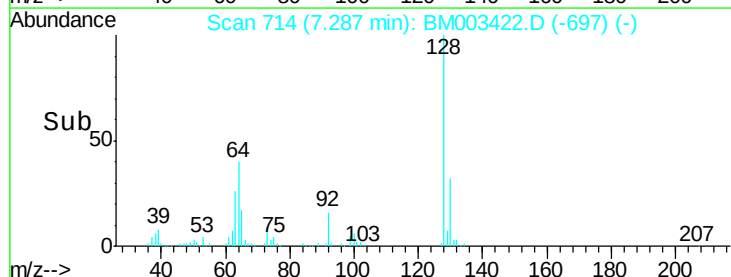
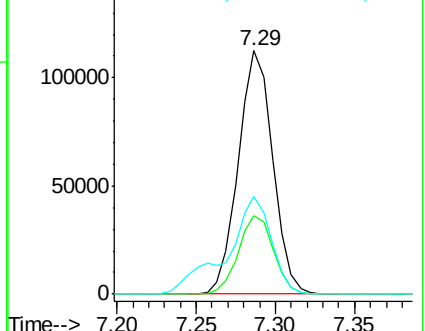
64 40.0 24.9 64.9

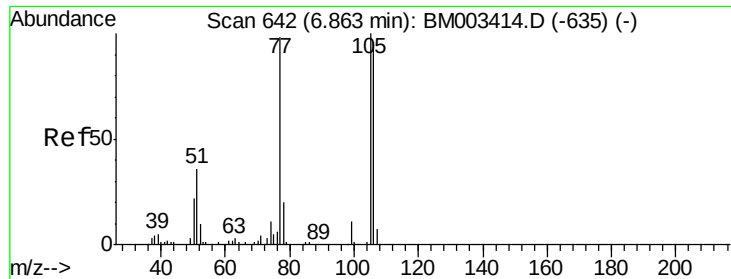


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

Ion 130.00 (129.70 to 130.70): BM003414.D (-706) (-)

Ion 64.00 (63.70 to 64.70): BM003414.D (-706) (-)





#9

Benzaldehyde

Concen: 35.08 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

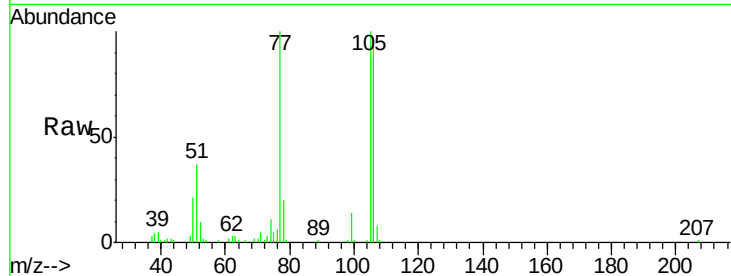
Tgt Ion: 77 Resp: 86043

Ion Ratio Lower Upper

77 100

105 100.0 78.8 118.8

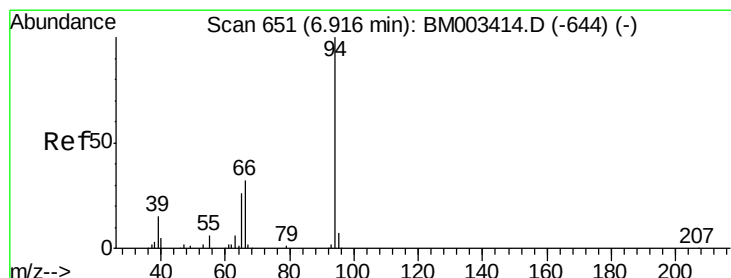
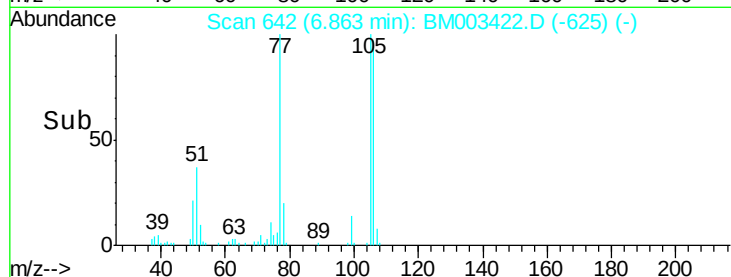
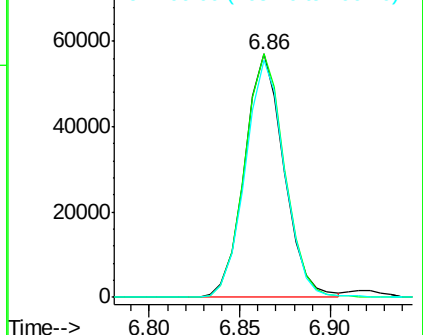
106 97.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM003414.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM003414.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM003414.D (-635) (-)



#10

Phenol

Concen: 37.21 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

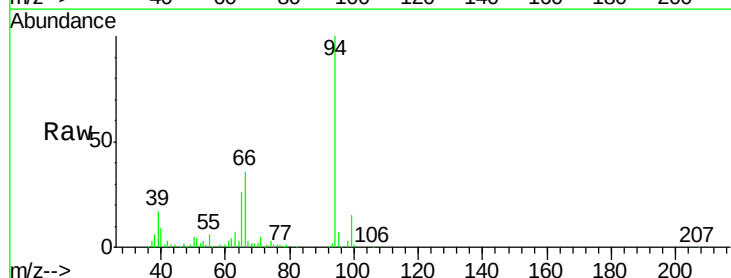
Tgt Ion: 94 Resp: 197508

Ion Ratio Lower Upper

94 100

65 26.3 18.8 58.8

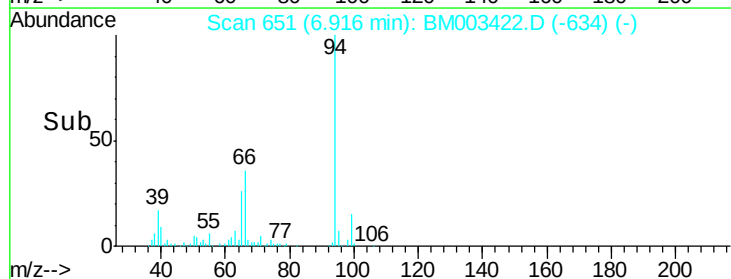
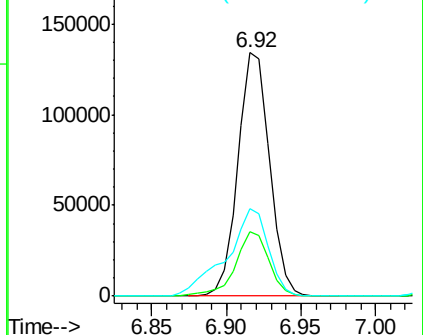
66 36.0 39.9 79.9#

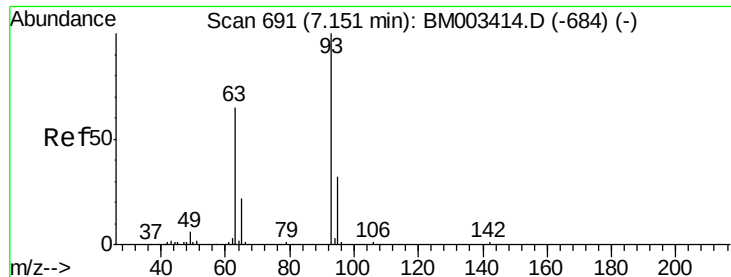


Abundance Ion 94.00 (93.70 to 94.70): BM003414.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM003414.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM003414.D (-644) (-)

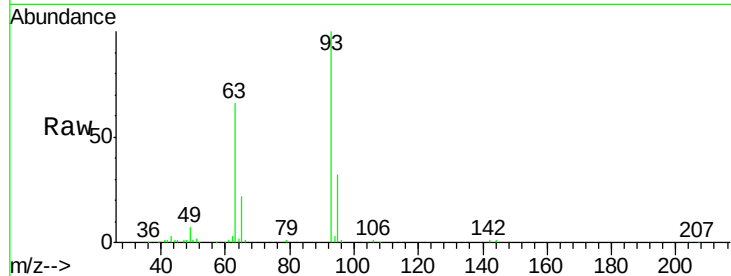




#11
bis(2-Chloroethyl)ether
Concen: 34.63 ng
RT: 7.15 min Scan# 691
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Instrument :
BNA_M
ClientSampleId :
PB87163BS

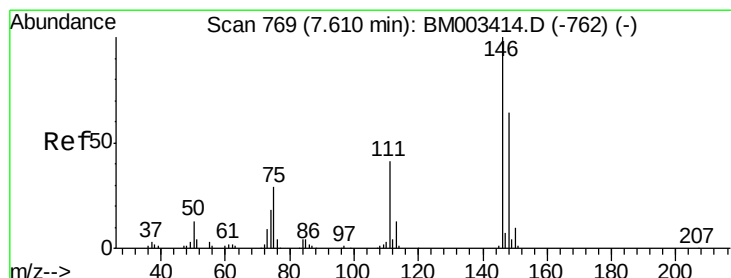
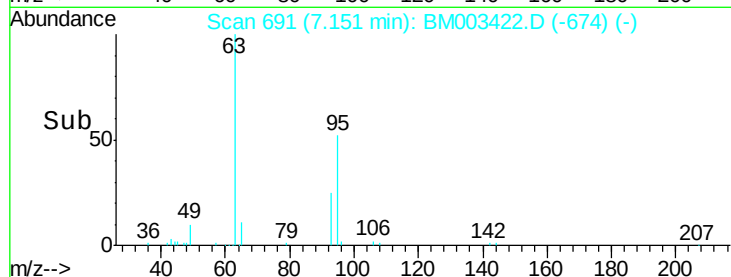
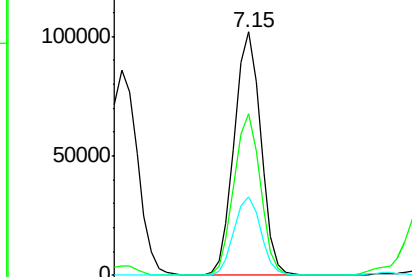
Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.5	49.5	89.5
95	32.3	13.5	53.5



Abundance Ion 93.00 (92.70 to 93.70): BM003414.D (-684) (-)

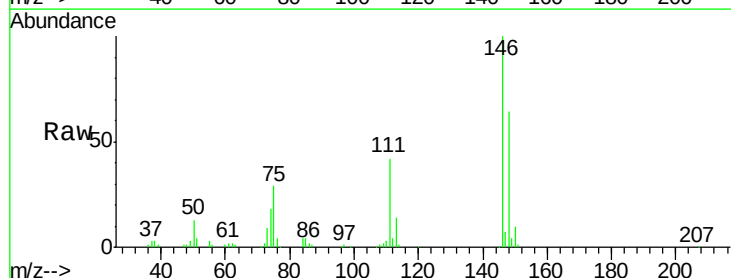
Ion 63.00 (62.70 to 63.70): BM003414.D (-684) (-)

Ion 95.00 (94.70 to 95.70): BM003414.D (-684) (-)



#12
1,3-Dichlorobenzene
Concen: 35.56 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

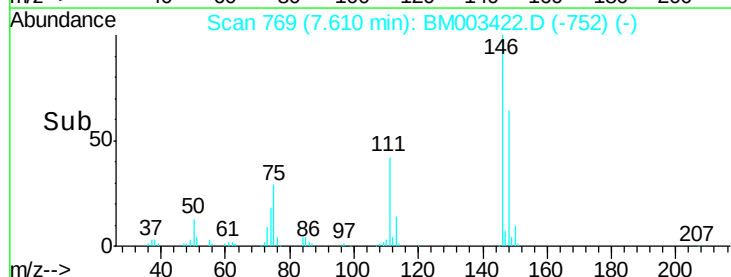
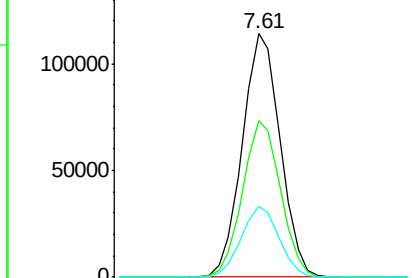
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.9	76.3
75	28.9	21.4	32.2

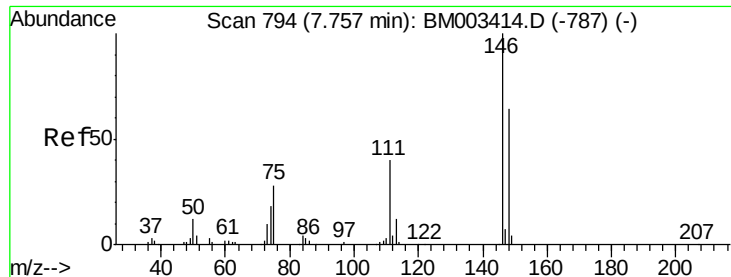


Abundance Ion 146.00 (145.70 to 146.70): BM003414.D (-762) (-)

Ion 148.00 (147.70 to 148.70): BM003414.D (-762) (-)

Ion 75.00 (74.70 to 75.70): BM003414.D (-762) (-)

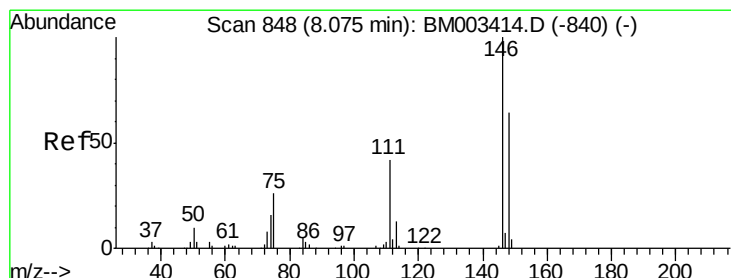
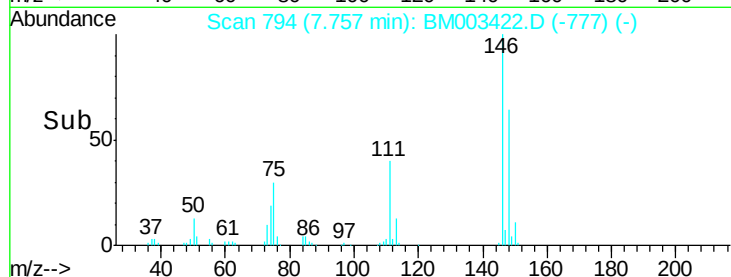
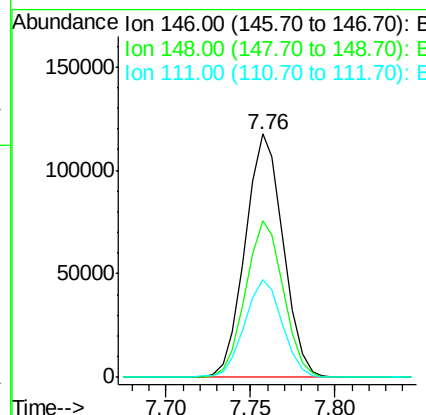
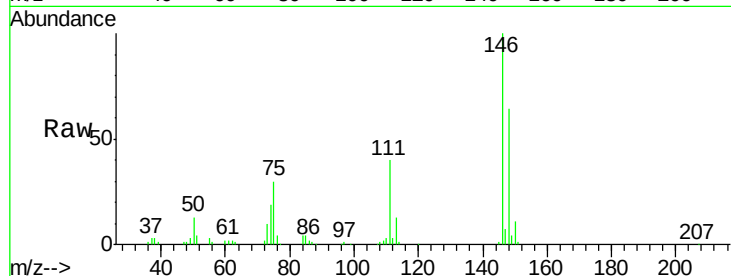




#13
 1,4-Dichlorobenzene
 Concen: 35.39 ng
 RT: 7.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

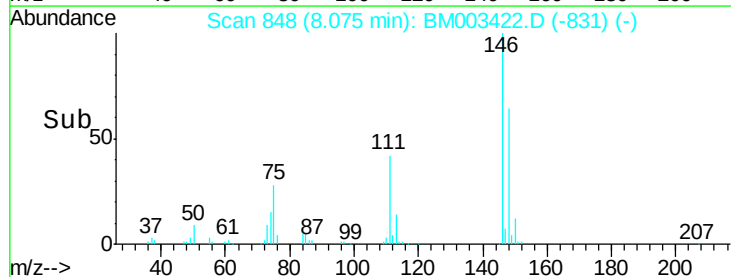
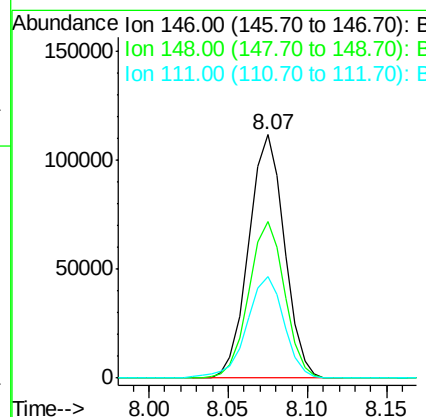
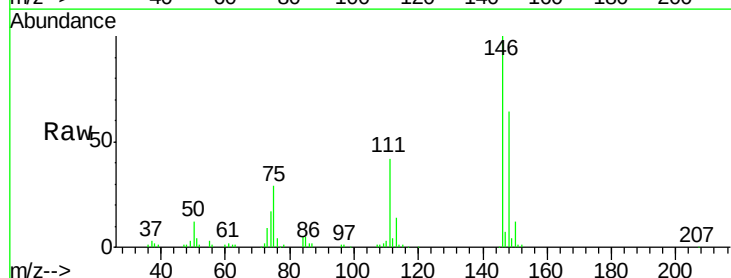
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

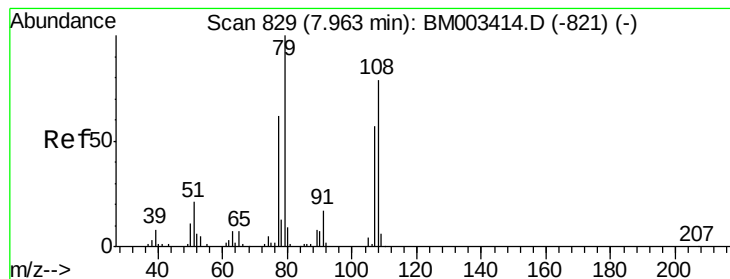
Tgt Ion:146 Resp: 182876
 Ion Ratio Lower Upper
 146 100
 148 64.1 51.9 77.9
 111 40.2 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 35.56 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:146 Resp: 175430
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.3 78.5
 111 41.5 30.6 45.8





#15

Benzyl Alcohol

Concen: 37.30 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

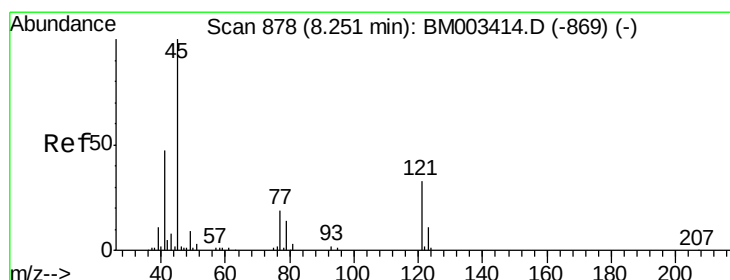
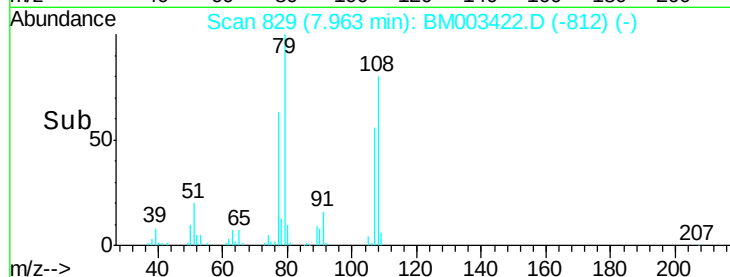
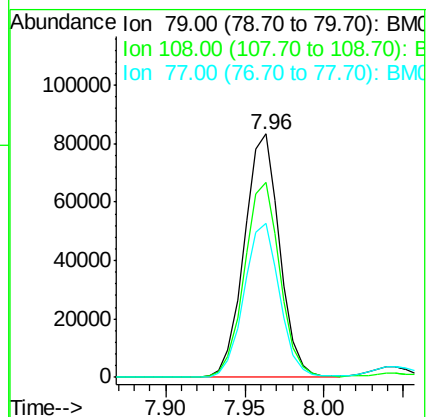
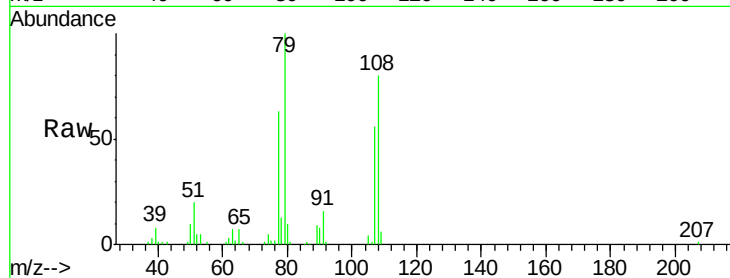
Tgt Ion: 79 Resp: 129122

Ion Ratio Lower Upper

79 100

108 79.9 65.0 97.4

77 63.3 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.81 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

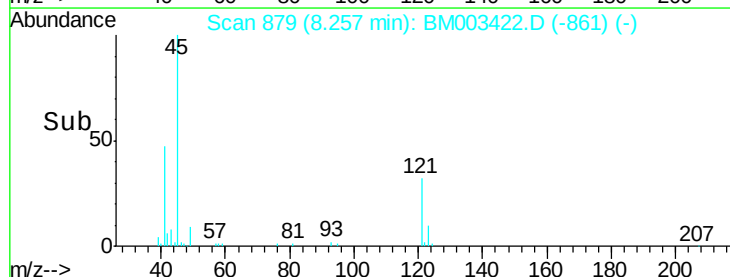
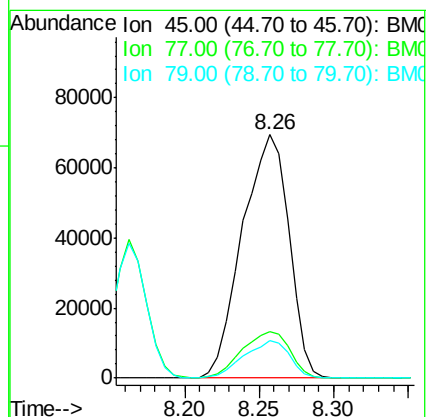
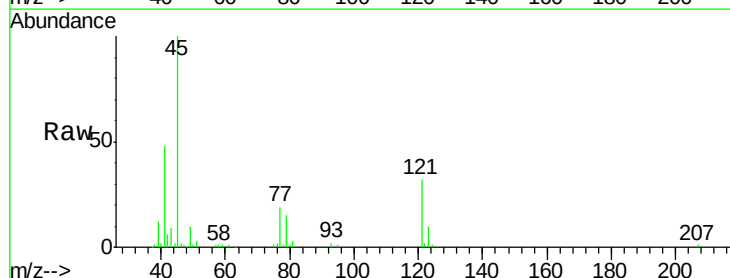
Tgt Ion: 45 Resp: 150512

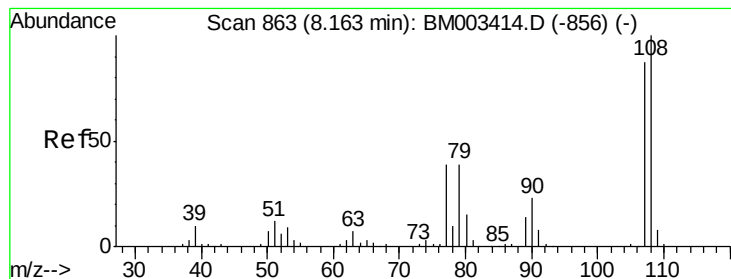
Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.2

79 15.2 0.0 32.0





#17

2-Methylphenol

Concen: 36.28 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

Tgt Ion:107 Resp: 134652

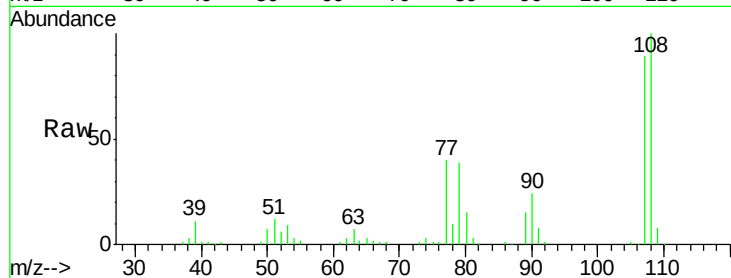
Ion Ratio Lower Upper

107 100

108 112.7 89.8 134.8

77 45.0 32.6 48.8

79 43.7 32.8 49.2

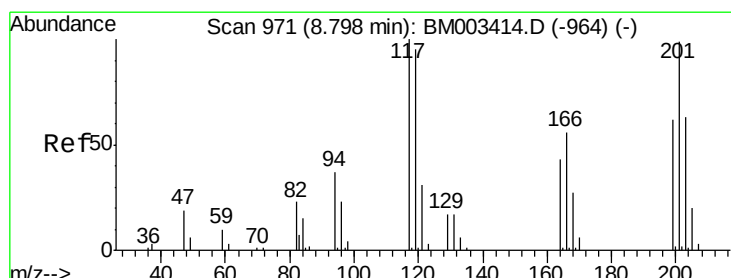
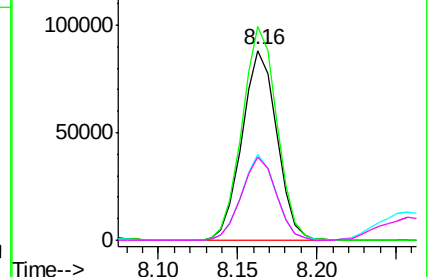
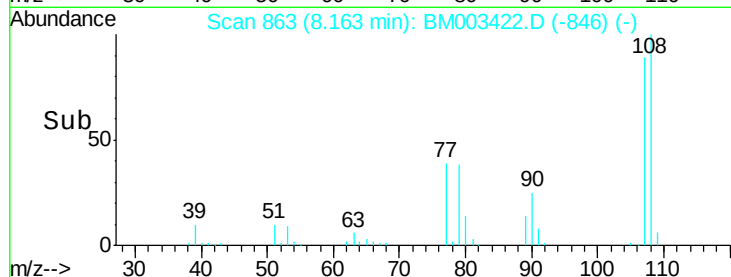


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 35.38 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

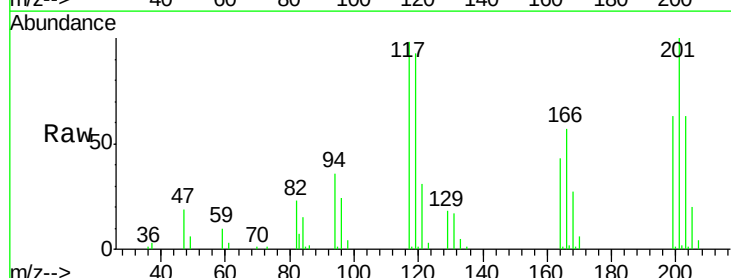
Tgt Ion:117 Resp: 62809

Ion Ratio Lower Upper

117 100

119 95.5 79.2 118.8

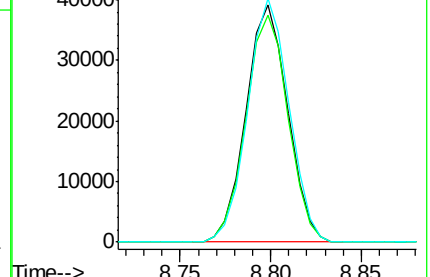
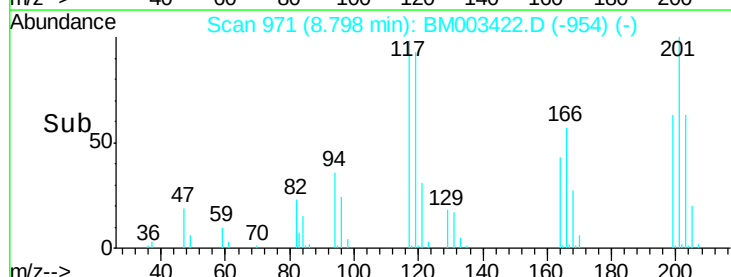
201 102.4 69.8 104.6

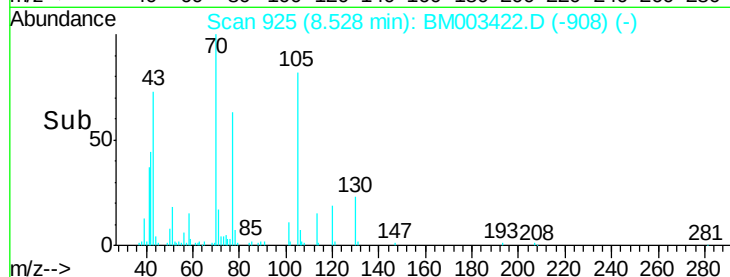
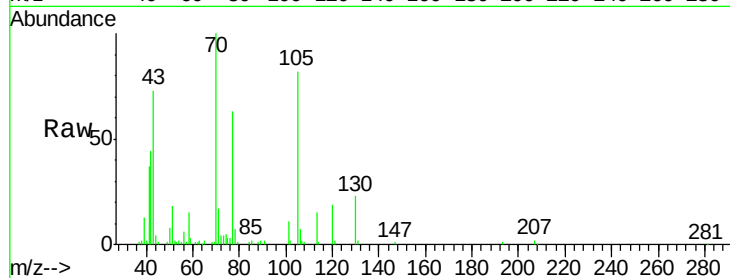
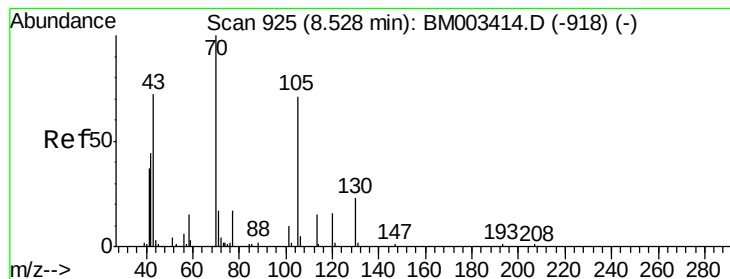


Abundance Ion 117.00 (116.70 to 117.70): E

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: 32.93 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

Tgt Ion: 70 Resp: 108065

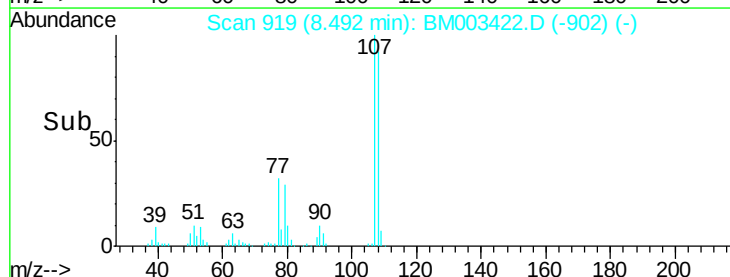
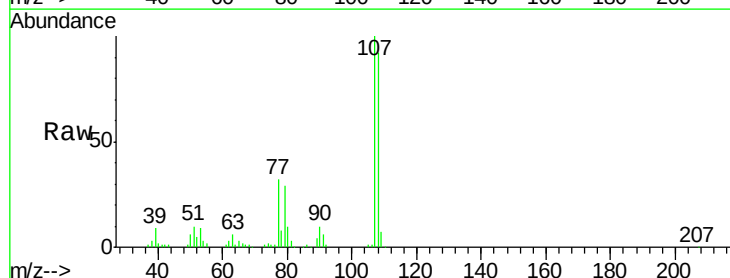
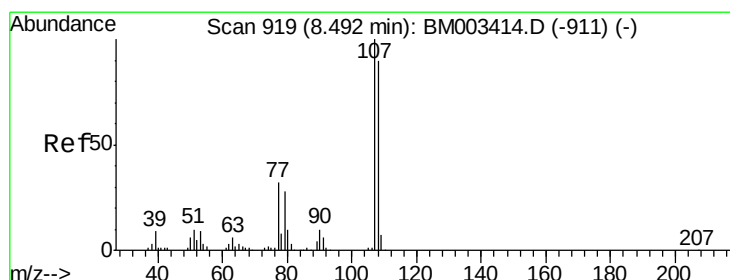
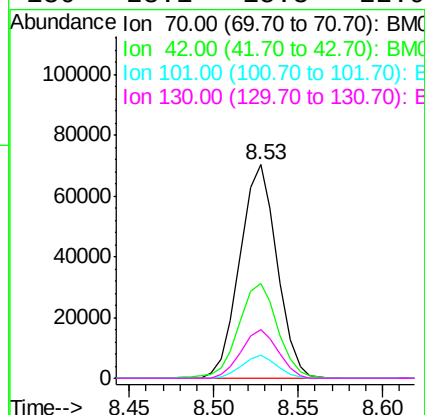
Ion Ratio Lower Upper

70 100

42 44.5 44.5 66.7#

101 10.6 7.4 11.2

130 23.1 15.3 22.9#



#20

3+4-Methylphenols

Concen: 34.78 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Tgt Ion: 107 Resp: 178563

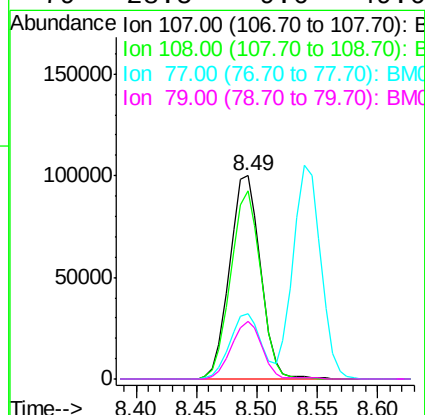
Ion Ratio Lower Upper

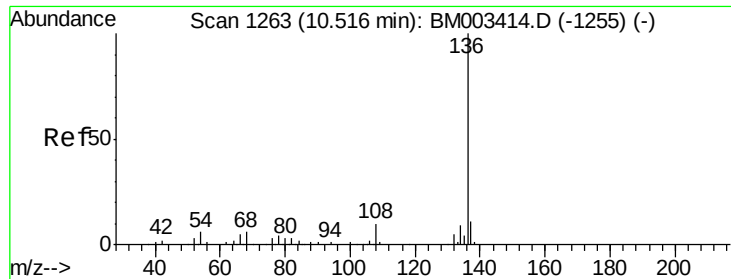
107 100

108 92.4 73.2 113.2

77 32.2 10.7 50.7

79 28.5 9.6 49.6

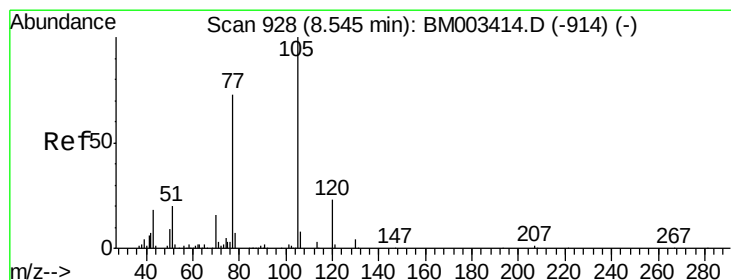
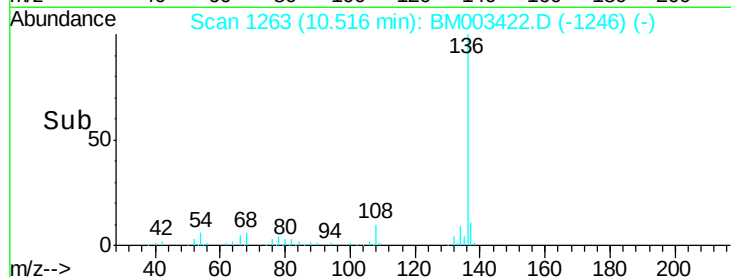
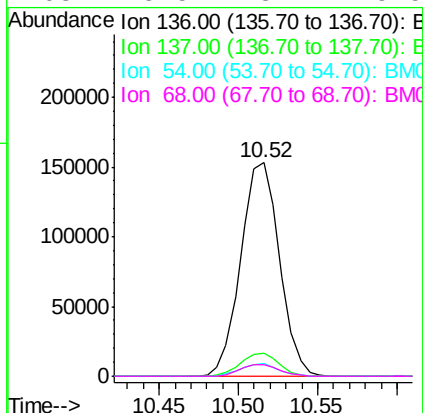
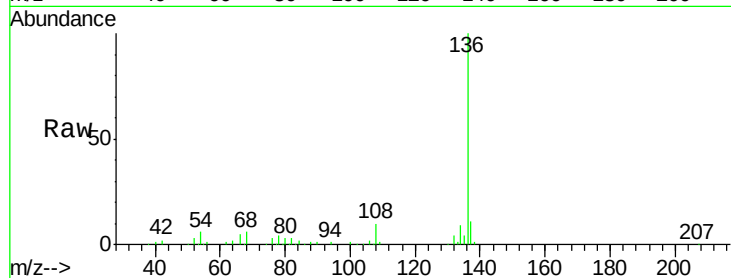




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

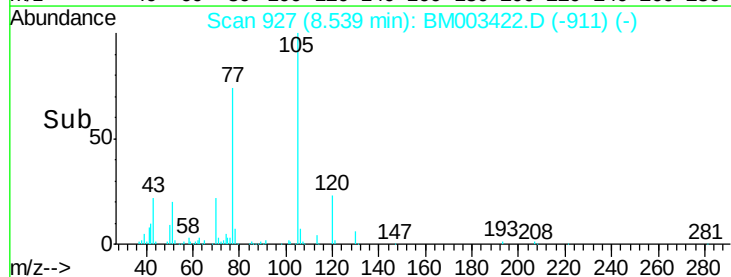
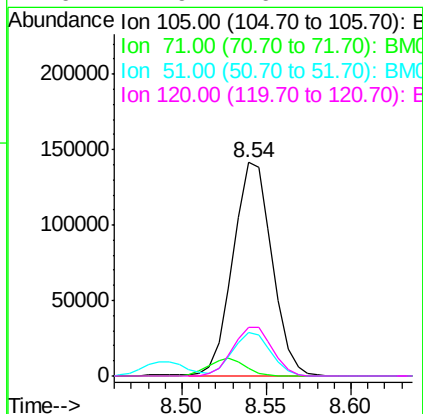
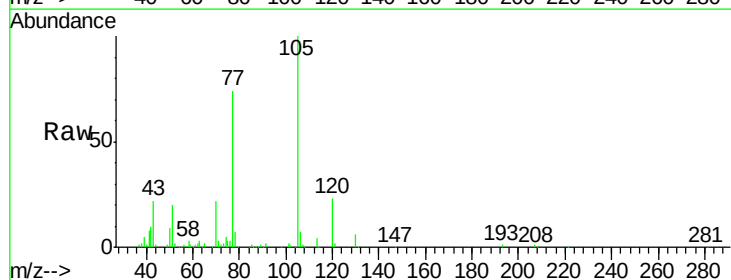
Instrument :
BNA_M
ClientSampleId :
PB87163BS

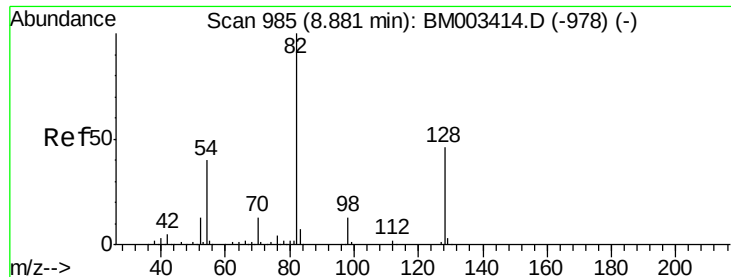
Tgt Ion:	136	Resp:	259844
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.8	4.6	6.8
68	5.5	3.7	5.5#



#22
Acetophenone
Concen: 35.80 ng
RT: 8.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion:	105	Resp:	227978
Ion	Ratio	Lower	Upper
105	100		
71	3.5	0.6	1.0#
51	20.4	21.6	32.4#
120	22.9	16.1	24.1

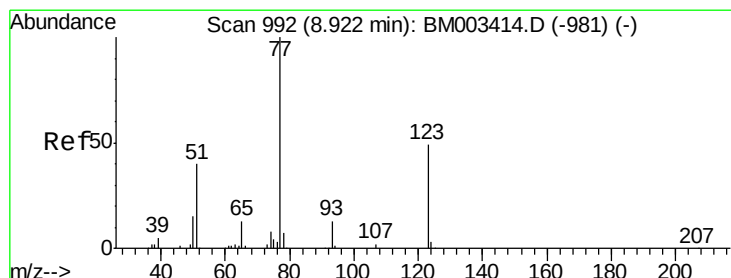
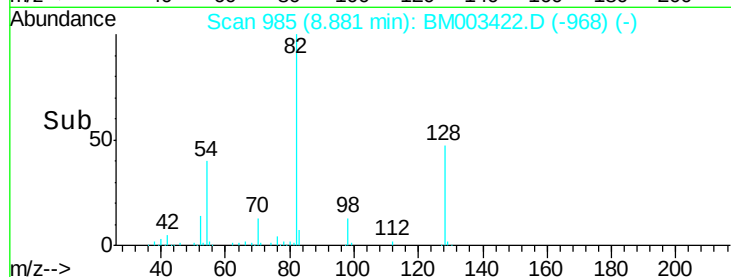
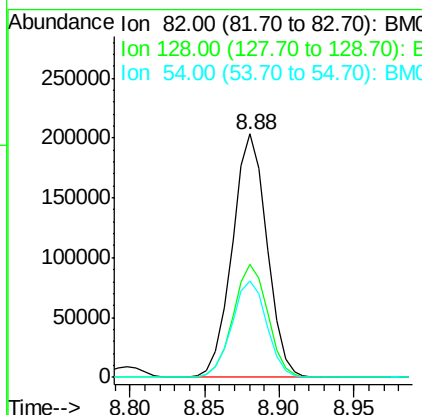
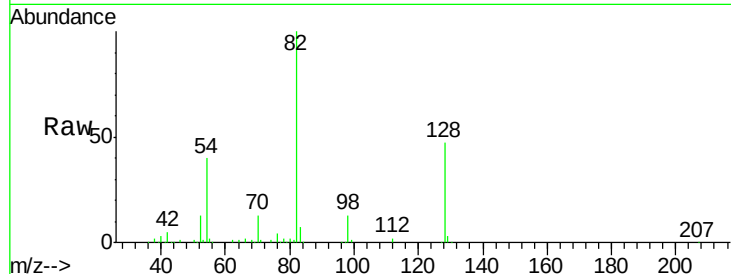




#23
 Nitrobenzene-d5
 Concen: 78.43 ng
 RT: 8.88 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

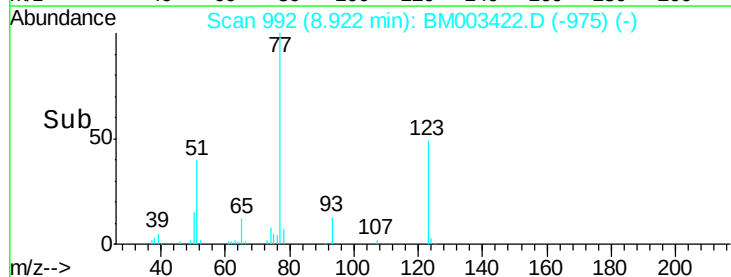
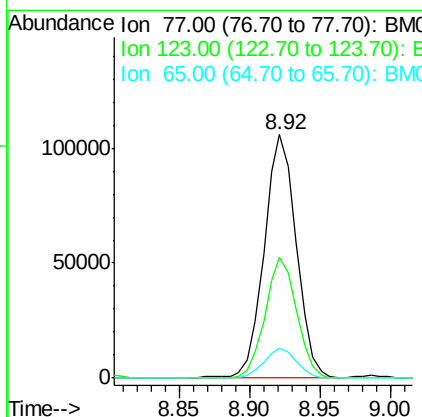
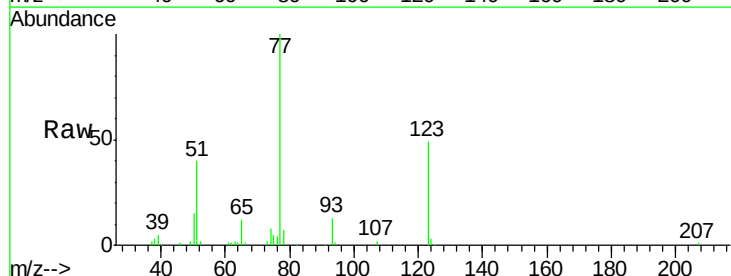
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

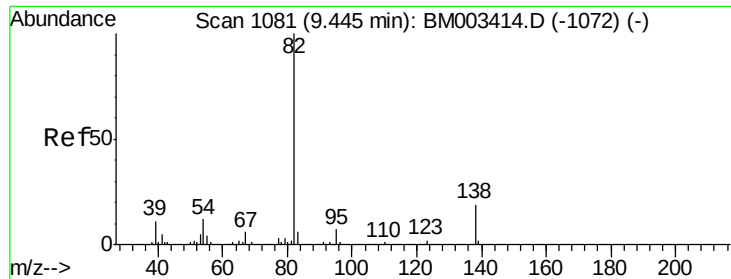
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	32.8	49.2
54	39.7	40.6	60.8#



#24
 Nitrobenzene
 Concen: 37.31 ng
 RT: 8.92 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	32.6	49.0#
65	12.2	10.9	16.3





#25

Isophorone

Concen: 34.17 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

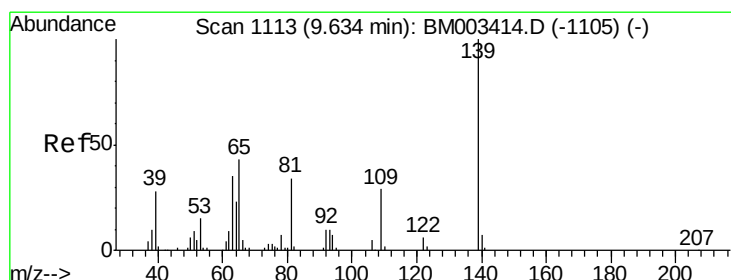
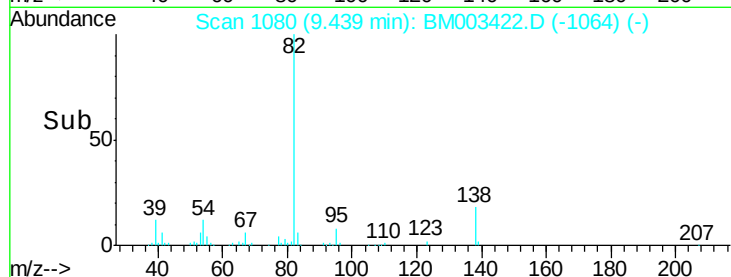
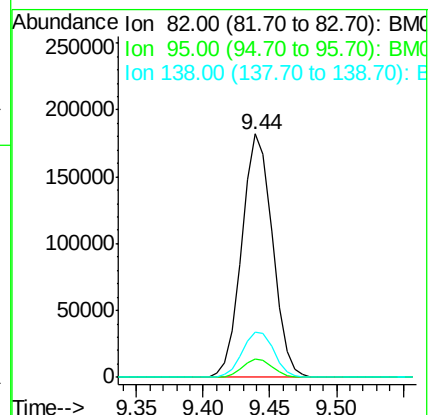
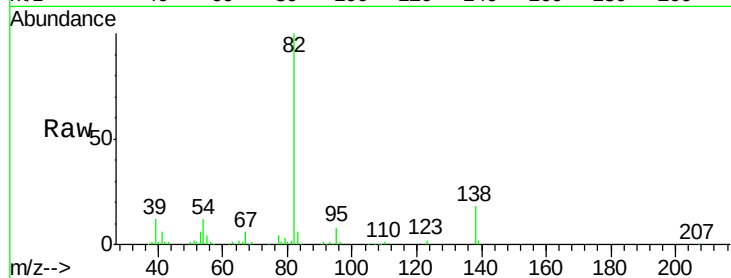
Tgt Ion: 82 Resp: 289662

Ion Ratio Lower Upper

82 100

95 7.6 5.8 8.6

138 18.5 16.3 24.5



#26

2-Nitrophenol

Concen: 35.41 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

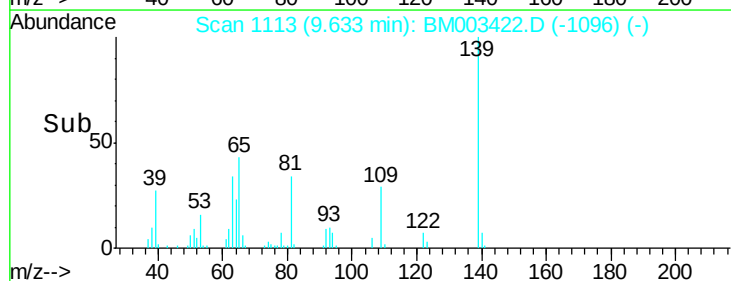
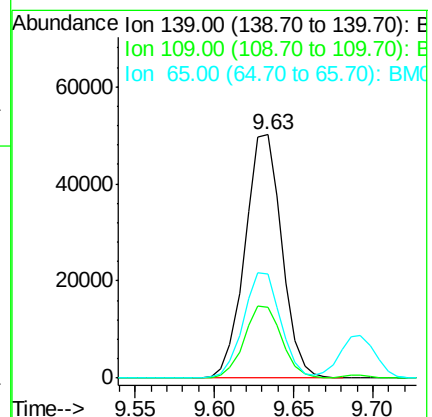
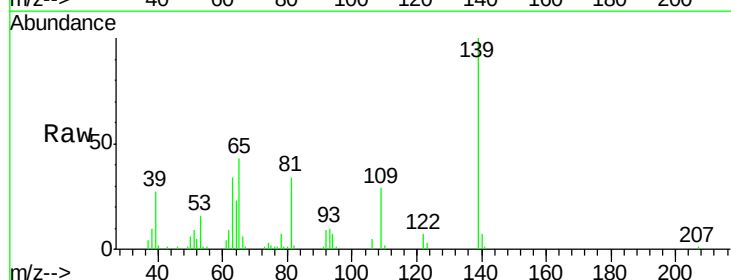
Tgt Ion: 139 Resp: 81145

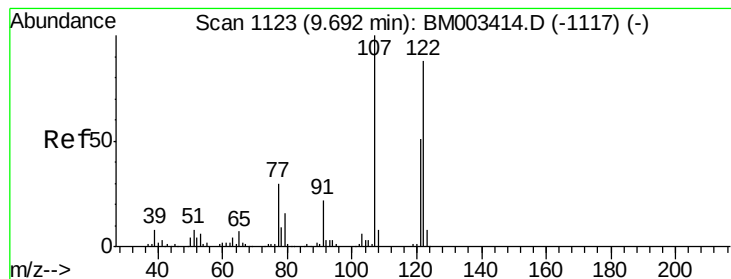
Ion Ratio Lower Upper

139 100

109 28.9 20.1 30.1

65 42.7 31.5 47.3





#27

2,4-Dimethylphenol

Concen: 37.86 ng

RT: 9.69 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

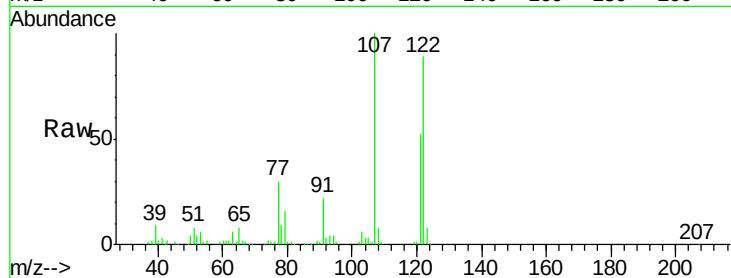
Tgt Ion:122 Resp: 151075

Ion Ratio Lower Upper

122 100

107 112.4 84.7 127.1

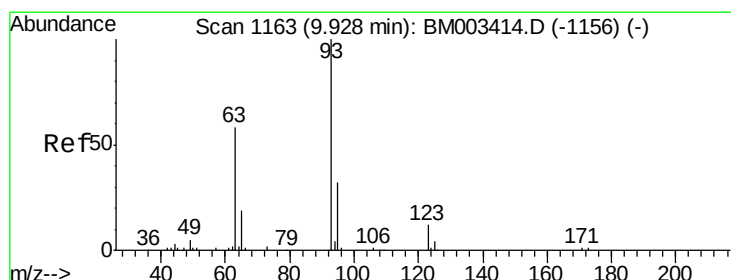
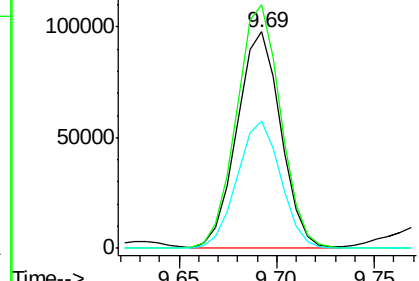
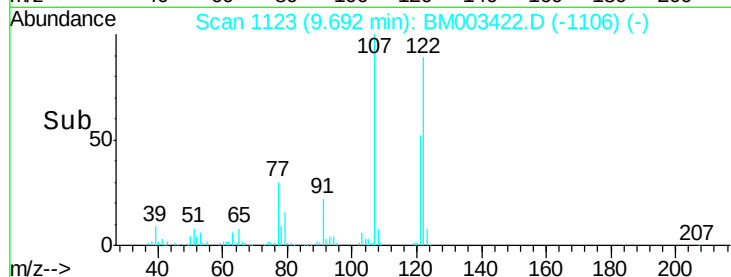
121 58.5 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.72 ng

RT: 9.93 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

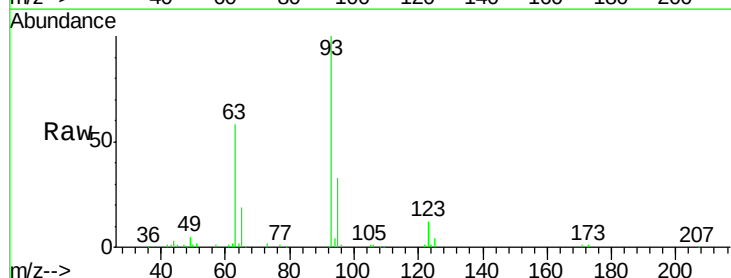
Tgt Ion: 93 Resp: 192126

Ion Ratio Lower Upper

93 100

95 32.7 25.5 38.3

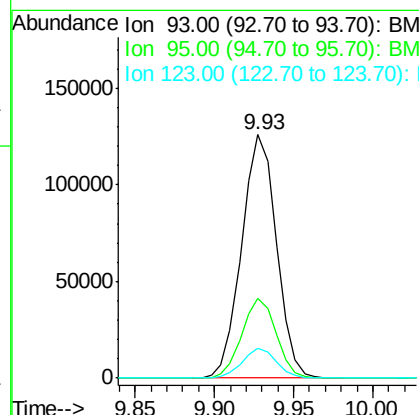
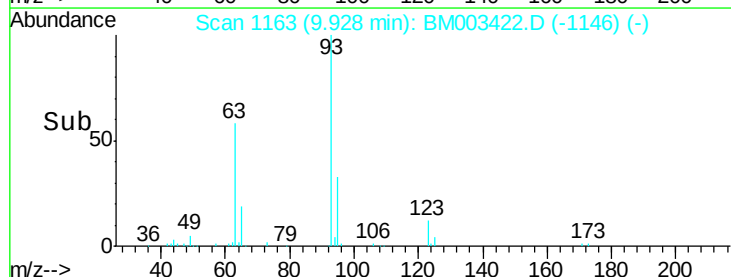
123 12.0 8.6 13.0

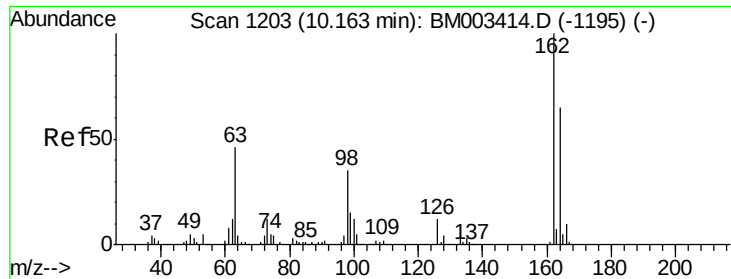


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

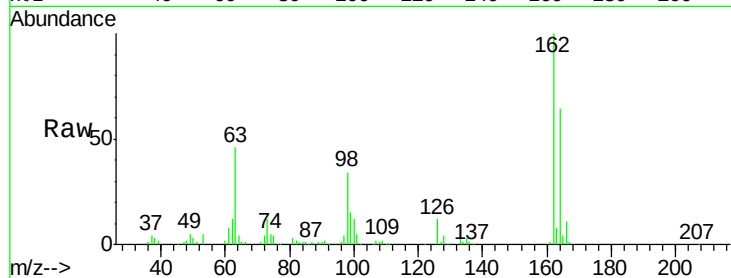




#29
 2,4-Dichlorophenol
 Concen: 38.65 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	42.8	82.8
98	34.0	14.5	54.5

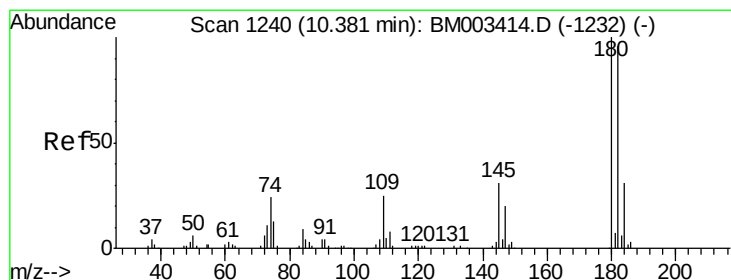
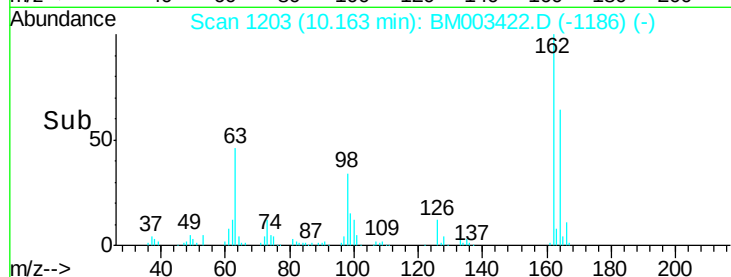
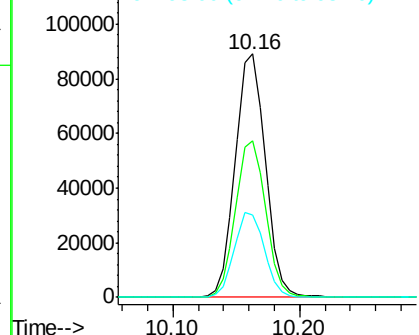


Abundance

Ion 162.00 (161.70 to 162.70): E

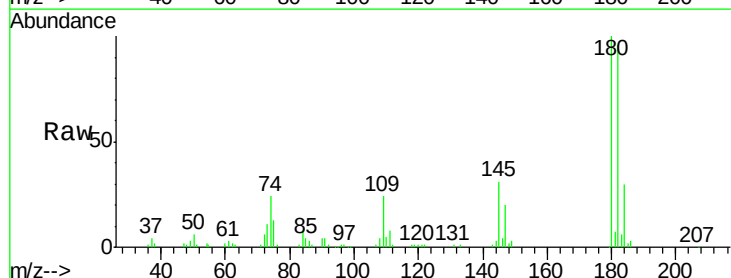
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30
 1,2,4-Trichlorobenzene
 Concen: 37.32 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.6	116.4
145	31.2	23.4	35.2

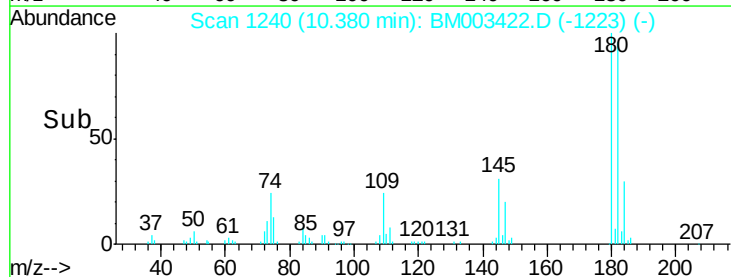
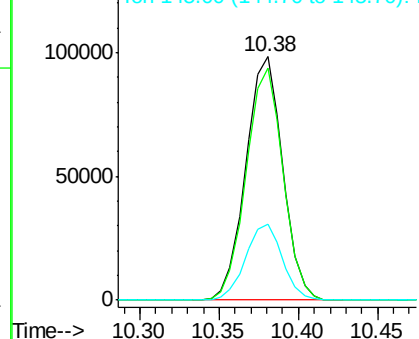


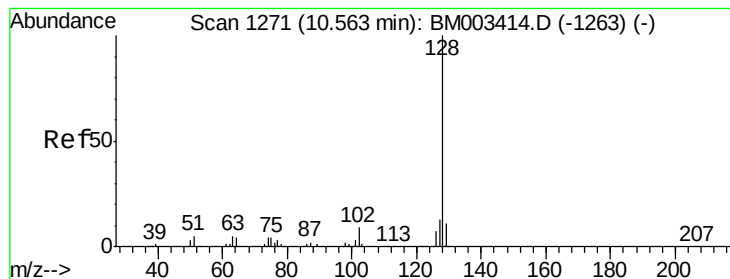
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 36.96 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

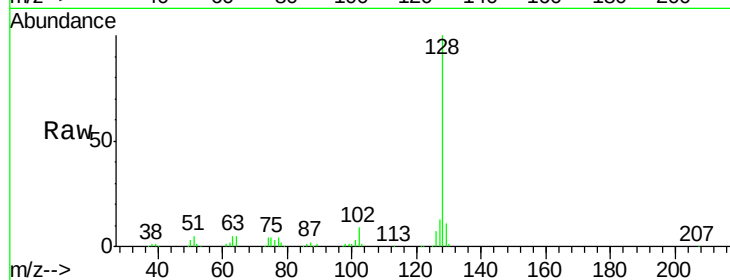
Tgt Ion:128 Resp: 502507

Ion Ratio Lower Upper

128 100

129 10.7 8.9 13.3

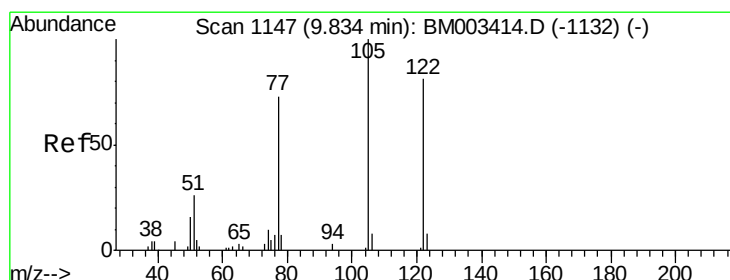
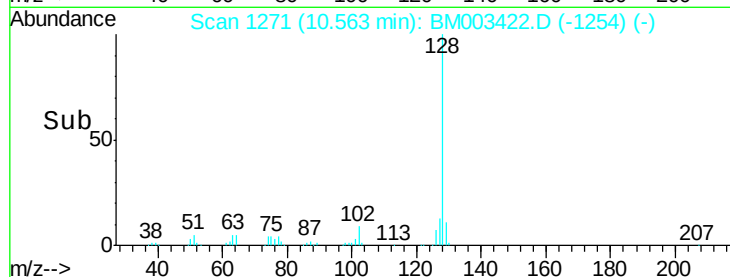
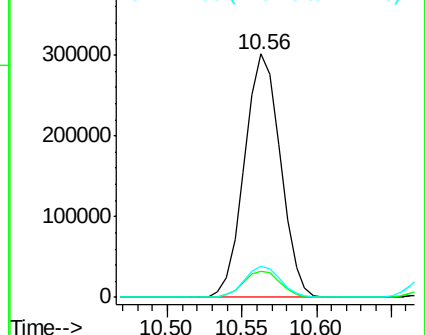
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 29.59 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.03 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

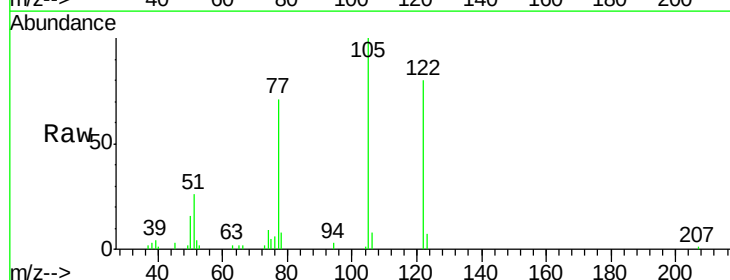
Tgt Ion:122 Resp: 63672

Ion Ratio Lower Upper

122 100

105 124.9 99.9 139.9

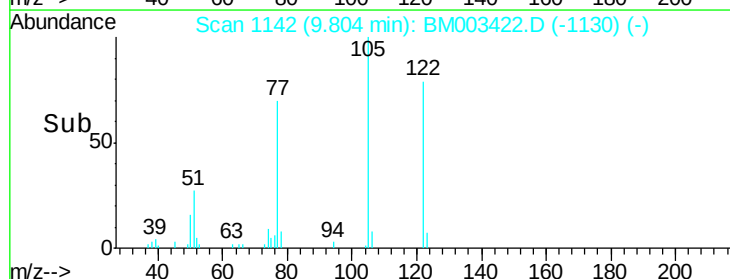
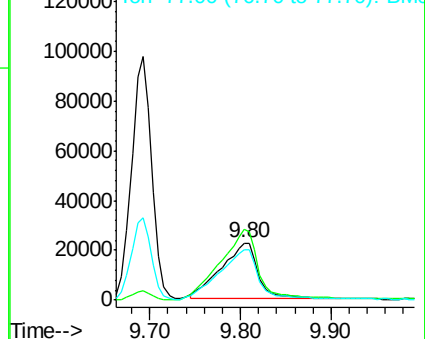
77 88.4 73.7 113.7

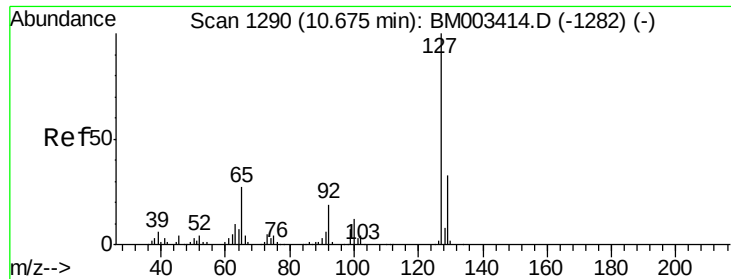


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

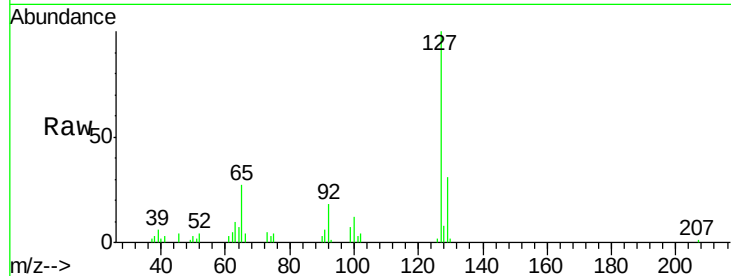




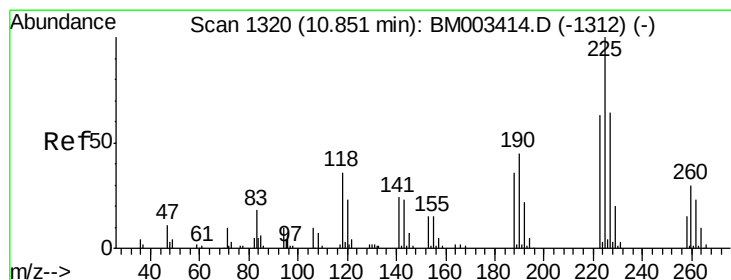
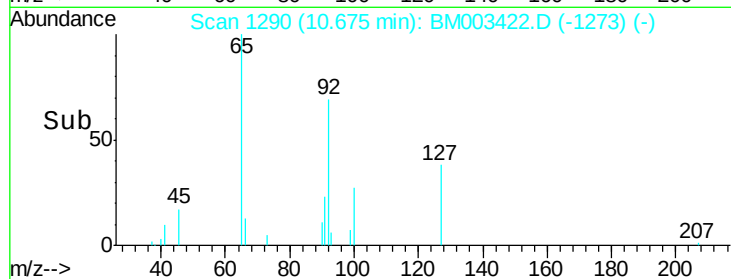
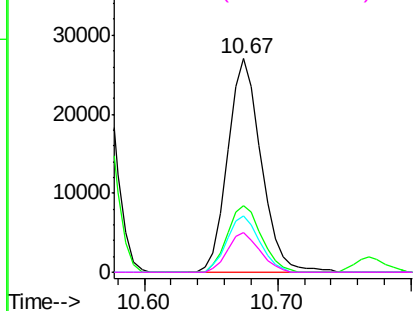
#33
4-Chloroaniline
Concen: 8.46 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Instrument :
BNA_M
ClientSampleId :
PB87163BS

Tgt Ion:	127	Resp:	47463
Ion	Ratio	Lower	Upper
127	100		
129	31.2	25.3	37.9
65	26.6	17.6	26.4
92	18.4	13.1	19.7

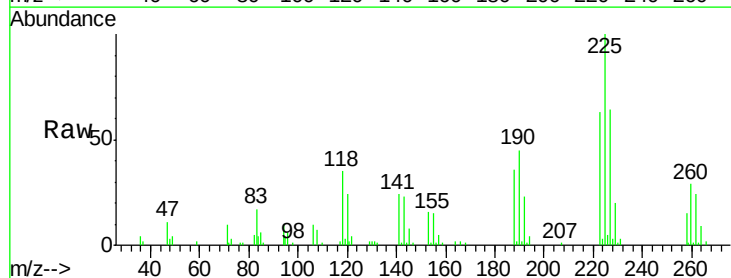


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

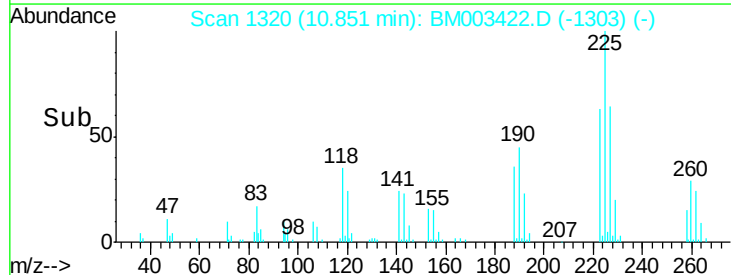
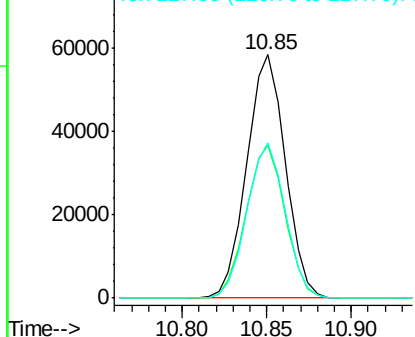


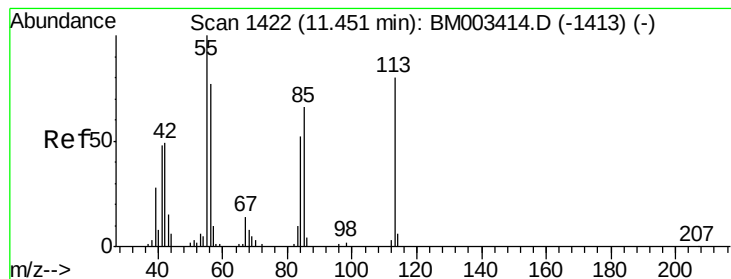
#34
Hexachlorobutadiene
Concen: 37.02 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion:	225	Resp:	93174
Ion	Ratio	Lower	Upper
225	100		
223	62.6	47.9	71.9
227	63.9	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: 29.79 ng

RT: 11.43 min Scan# 1419

Delta R.T. -0.02 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

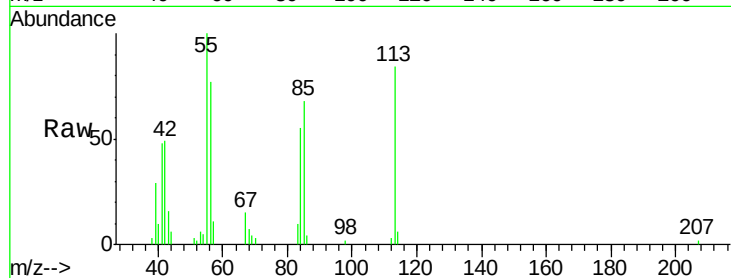
Tgt Ion:113 Resp: 37433

Ion Ratio Lower Upper

113 100

55 119.2 145.9 185.9#

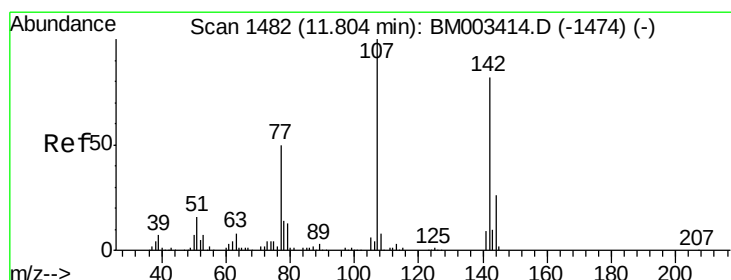
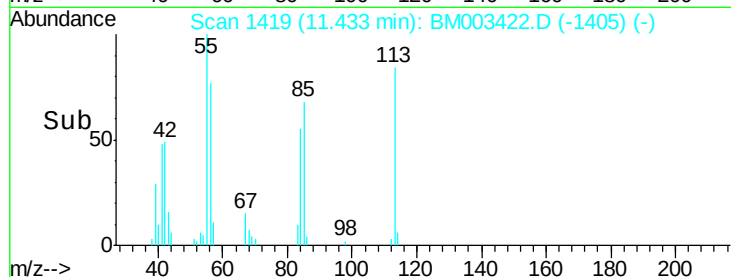
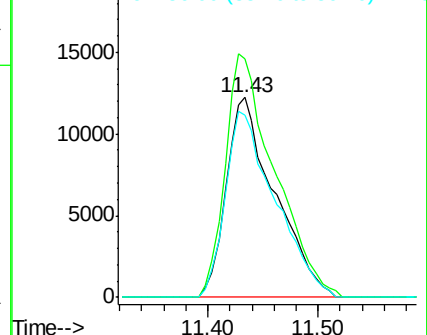
56 91.5 101.0 141.0#



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: 33.75 ng

RT: 11.80 min Scan# 1482

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

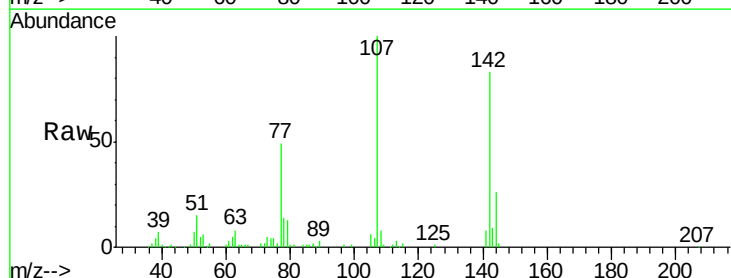
Tgt Ion:107 Resp: 144677

Ion Ratio Lower Upper

107 100

144 26.5 23.3 34.9

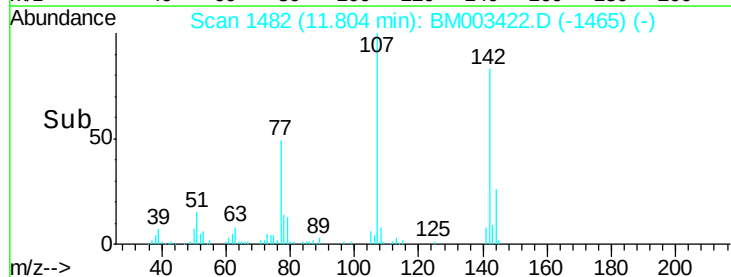
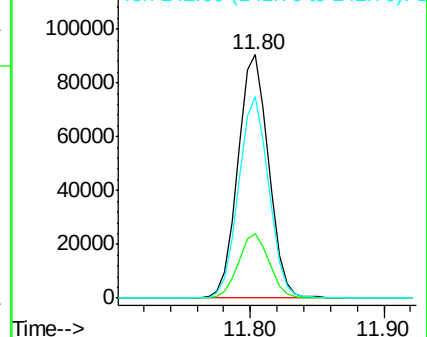
142 82.6 72.6 109.0

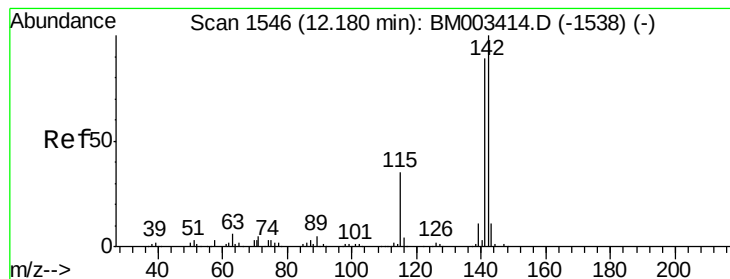


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 37.69 ng

RT: 12.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampled :

PB87163BS

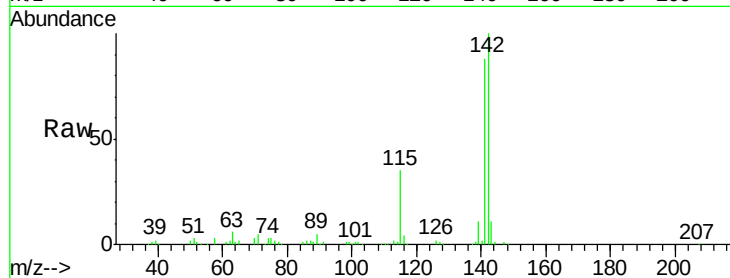
Tgt Ion:142 Resp: 351536

Ion Ratio Lower Upper

142 100

141 88.5 71.9 107.9

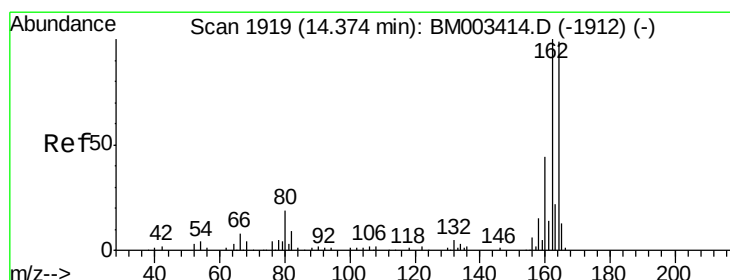
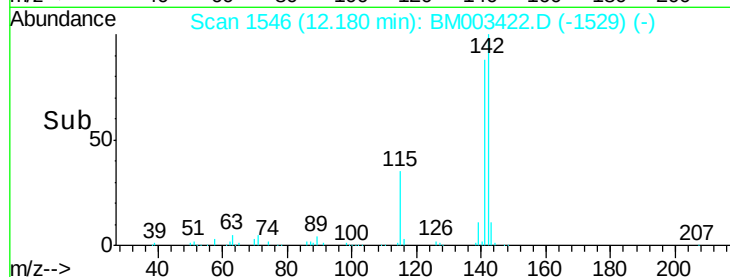
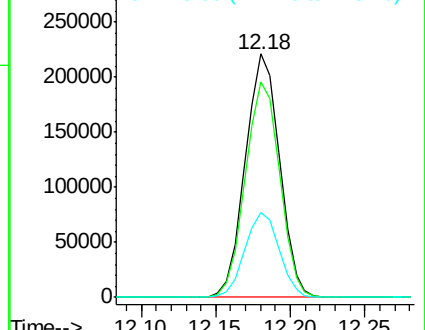
115 34.8 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

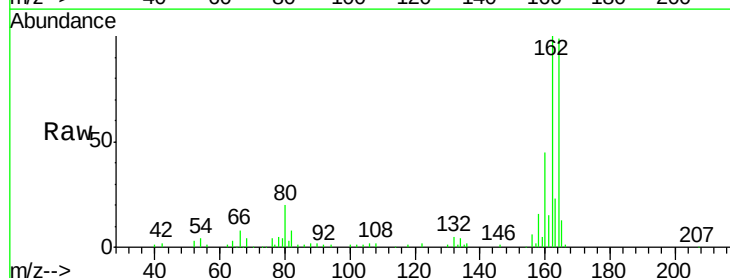
Tgt Ion:164 Resp: 129582

Ion Ratio Lower Upper

164 100

162 100.7 82.4 123.6

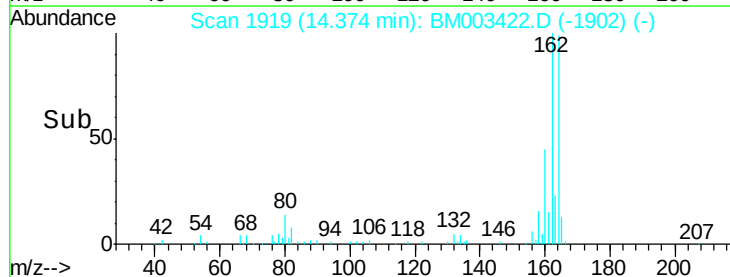
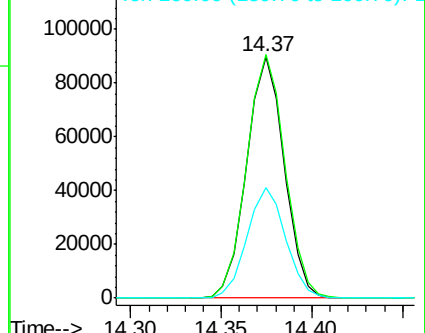
160 45.5 35.8 53.6

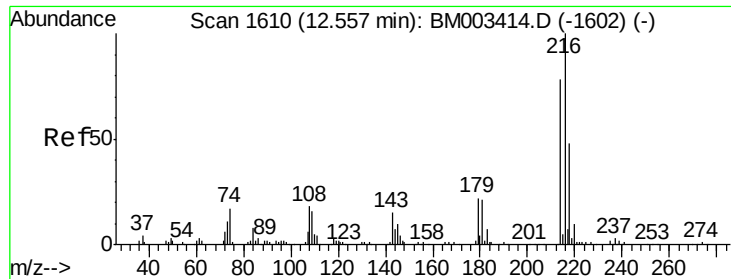


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

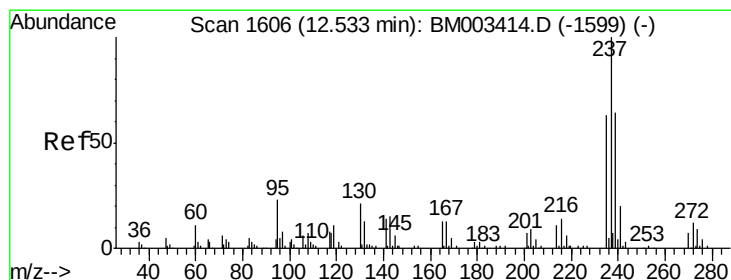
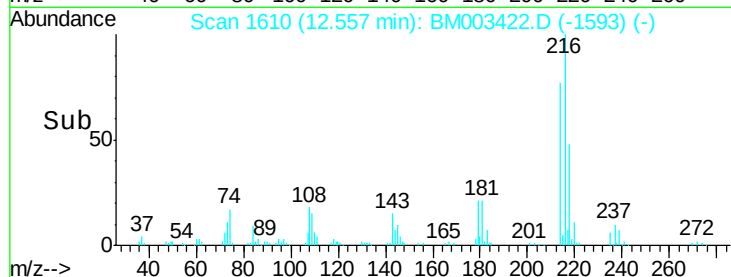
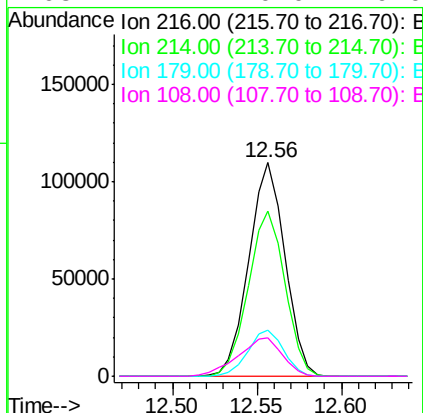
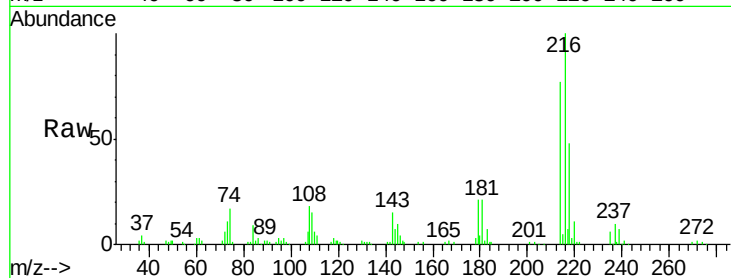




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.20 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

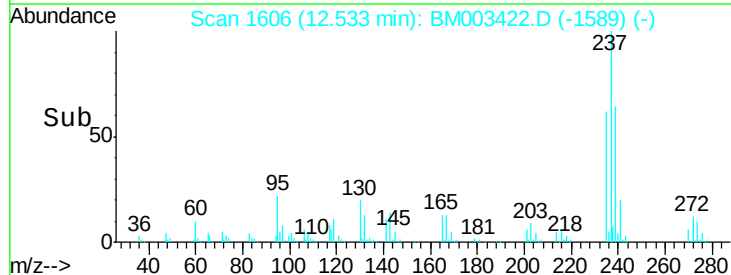
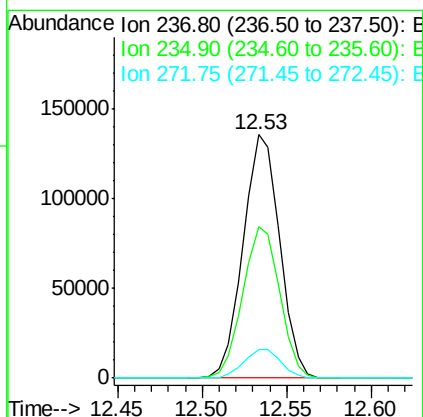
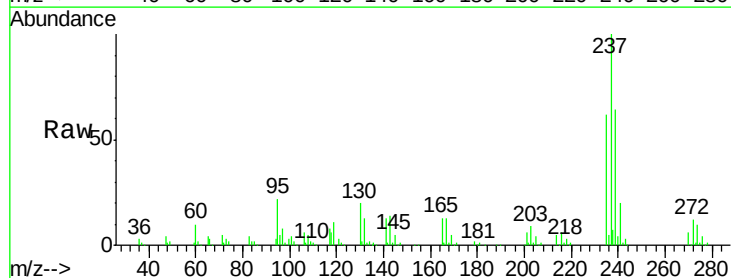
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

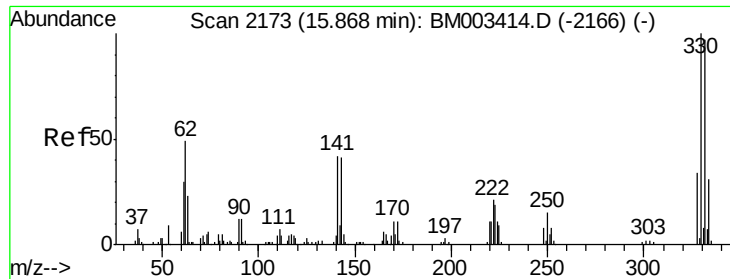
Tgt Ion:	216	Resp:	163309
Ion	Ratio	Lower	Upper
216	100		
214	78.4	0.0	0.0#
179	21.4	0.0	0.0#
108	22.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 88.07 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:	237	Resp:	204652
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.0	82.0
272	12.0	0.0	33.4

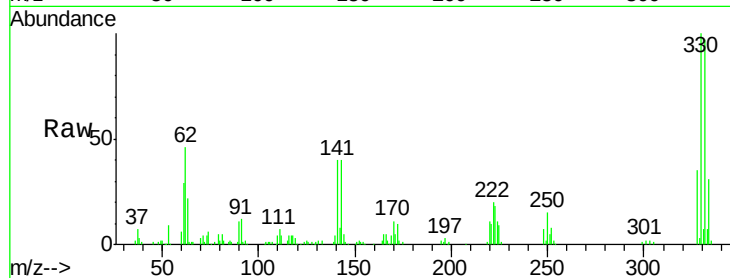




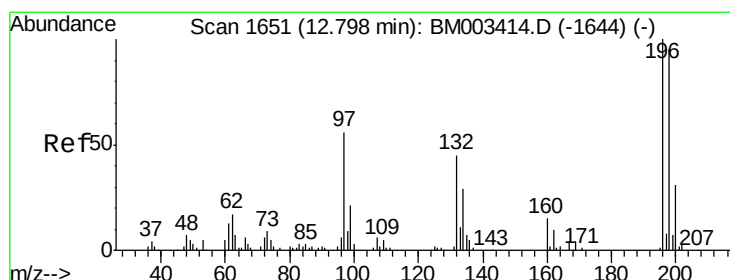
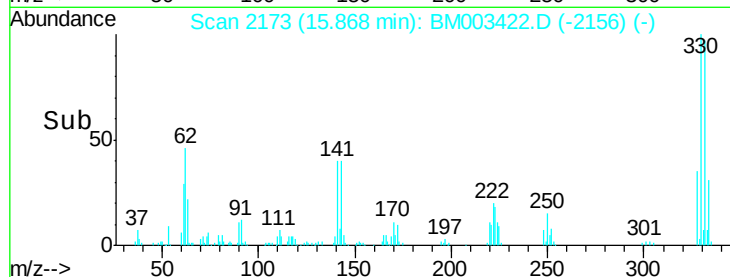
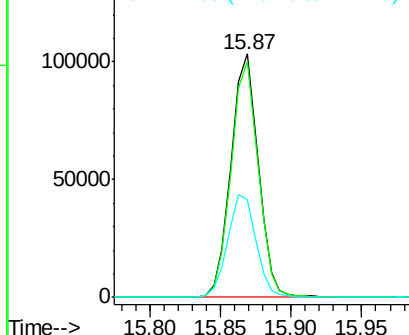
#41
 2,4,6-Tribromophenol
 Concen: 108.45 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

Tgt Ion:330 Resp: 140347
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.6 0.0 0.0#

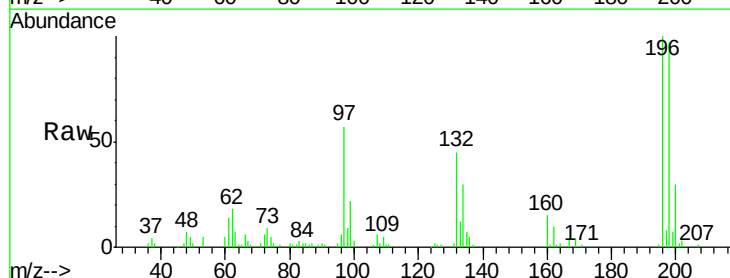


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

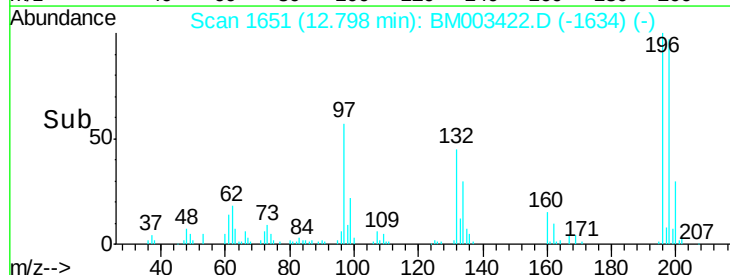
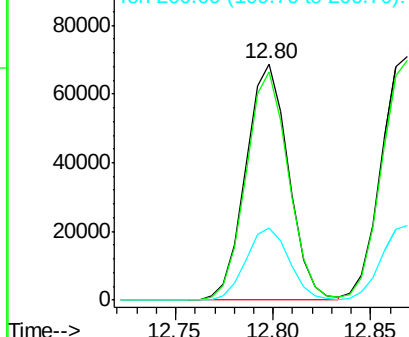


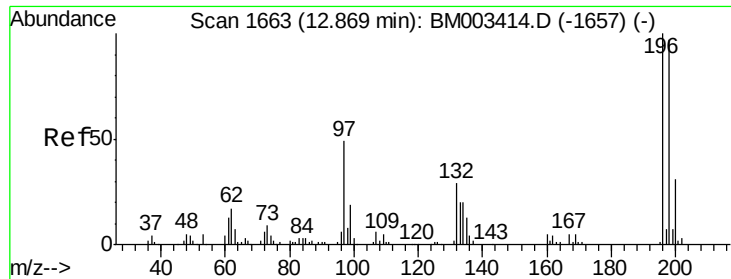
#42
 2,4,6-Trichlorophenol
 Concen: 38.31 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:196 Resp: 104081
 Ion Ratio Lower Upper
 196 100
 198 96.6 76.3 114.5
 200 30.4 25.6 38.4



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

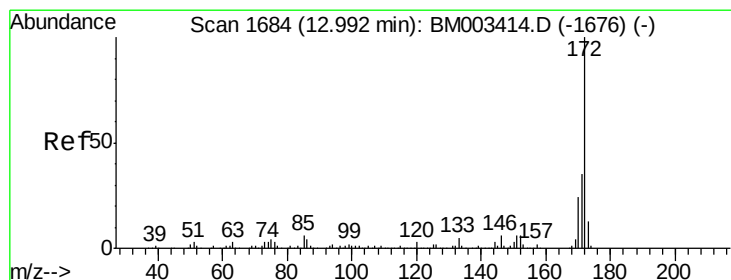
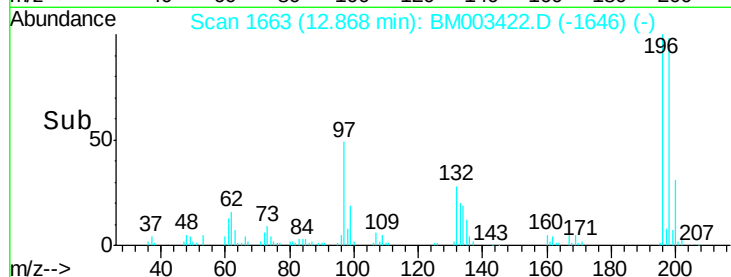
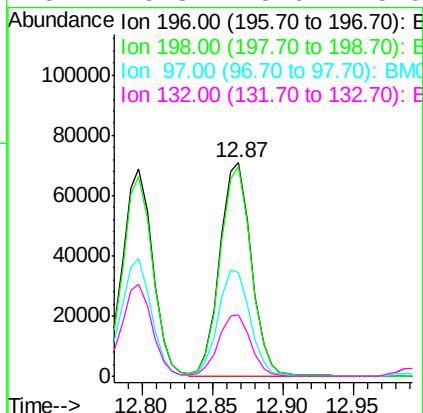
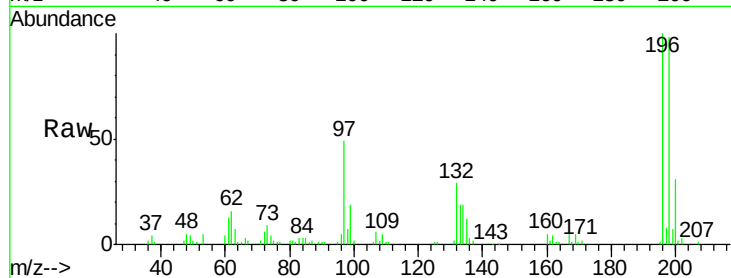




#43
 2,4,5-Trichlorophenol
 Concen: 38.83 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

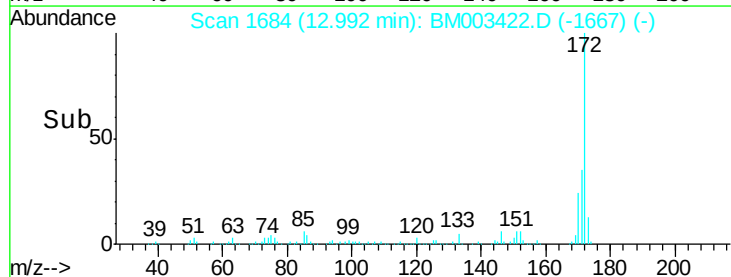
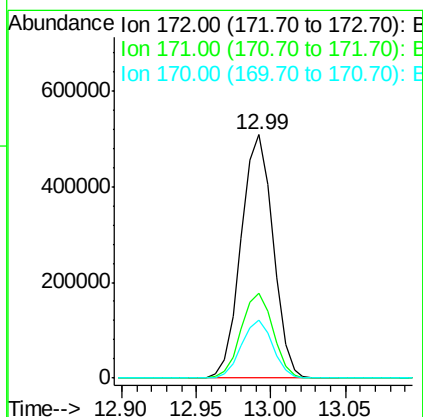
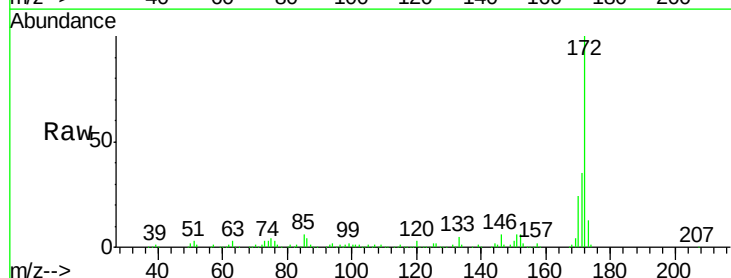
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

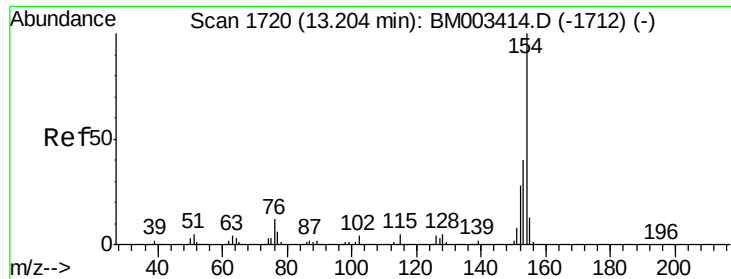
Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.3	79.4	119.0
97	48.8	26.8	40.2
132	28.8	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 79.36 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

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

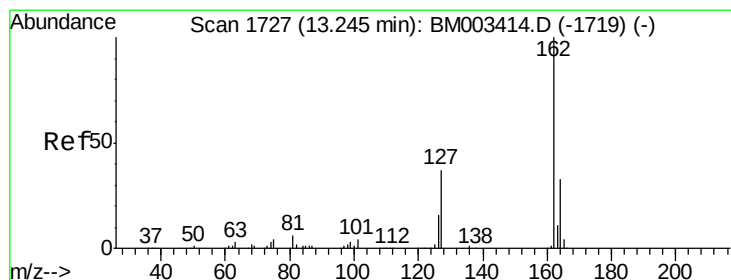
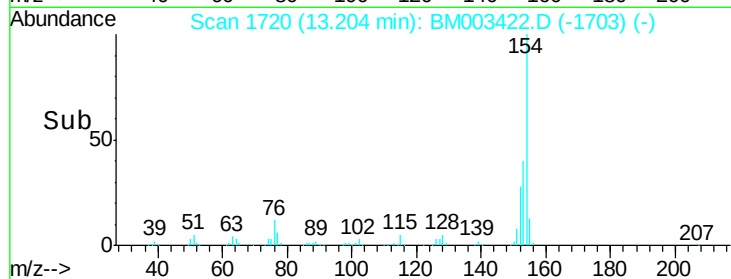
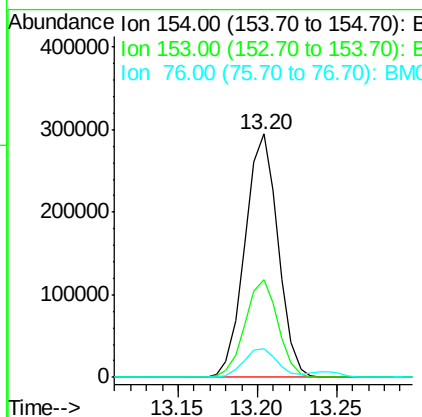
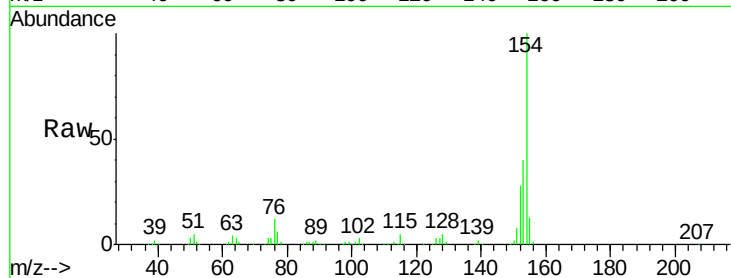




#45
 1,1'-Biphenyl
 Concen: 37.22 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

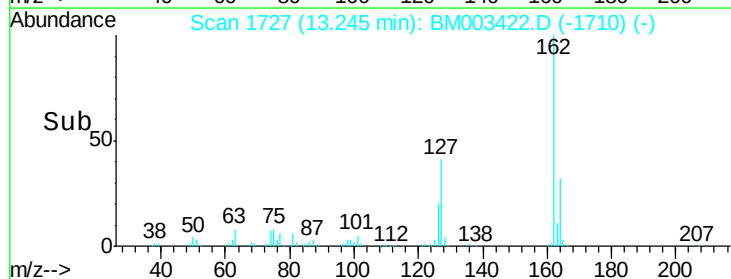
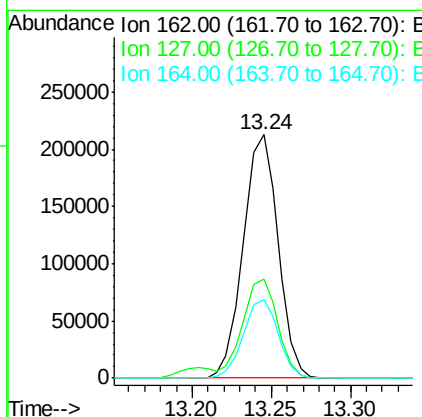
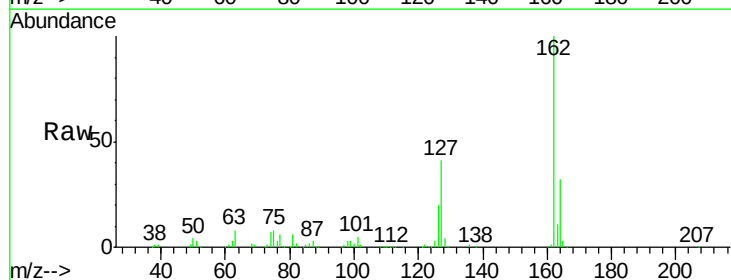
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

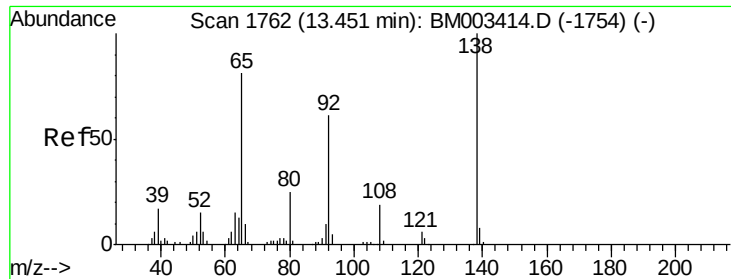
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.1	20.7	60.7
76	11.6	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 38.49 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.9	26.9	40.3#
164	32.5	26.8	40.2

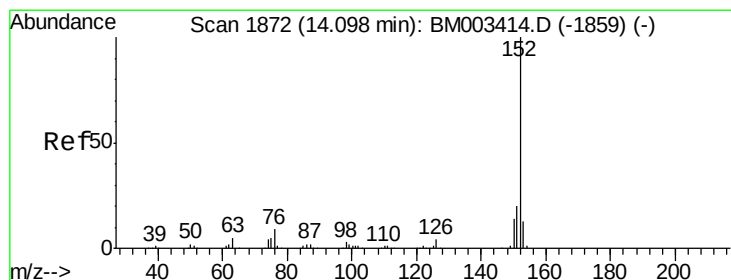
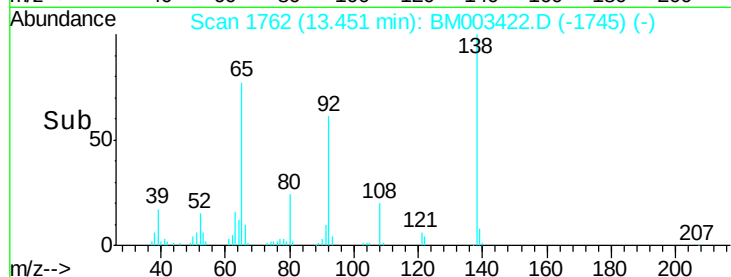
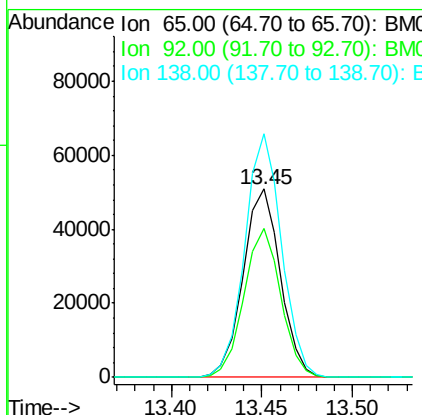
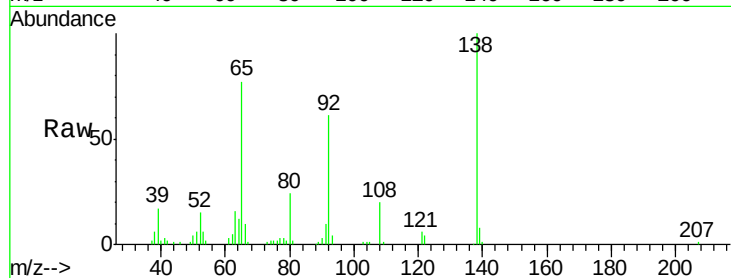




#47
2-Nitroaniline
Concen: 34.71 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

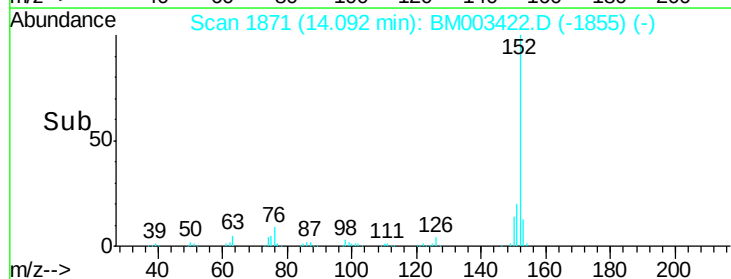
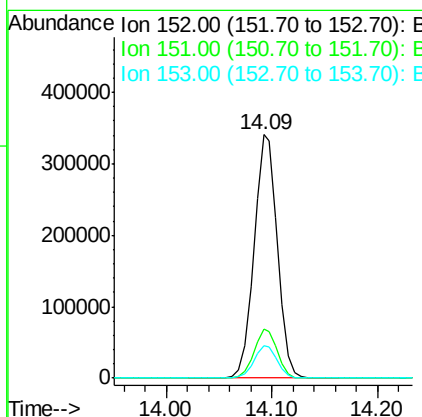
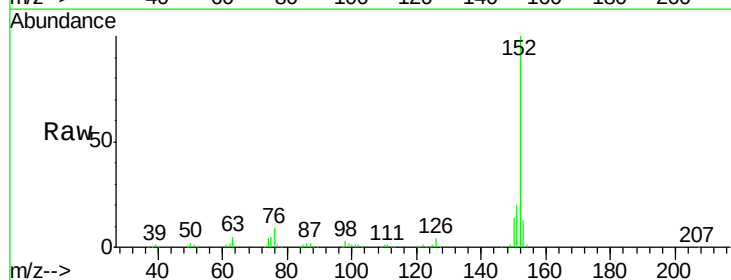
Instrument :
BNA_M
ClientSampleId :
PB87163BS

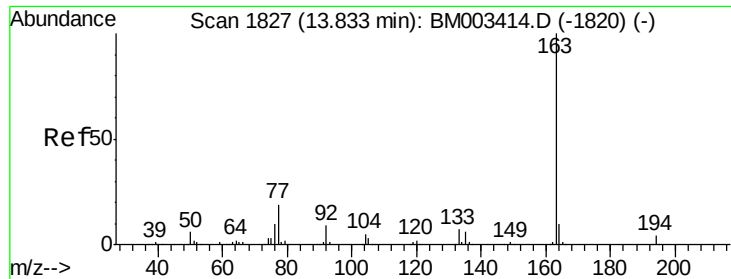
Tgt Ion: 65 Resp: 72670
Ion Ratio Lower Upper
65 100
92 78.8 59.1 88.7
138 129.3 93.9 140.9



#48
Acenaphthylene
Concen: 37.17 ng
RT: 14.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion: 152 Resp: 523104
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 35.45 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

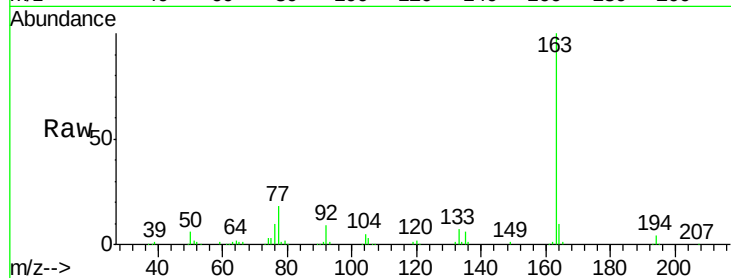
Tgt Ion:163 Resp: 378536

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

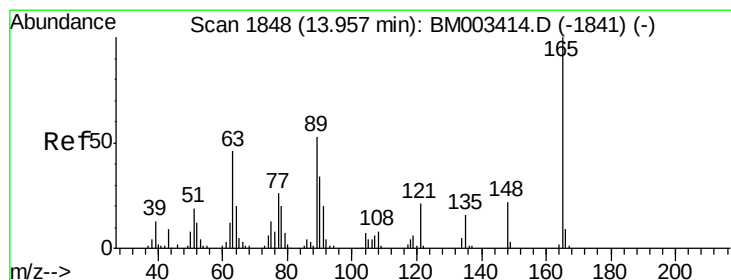
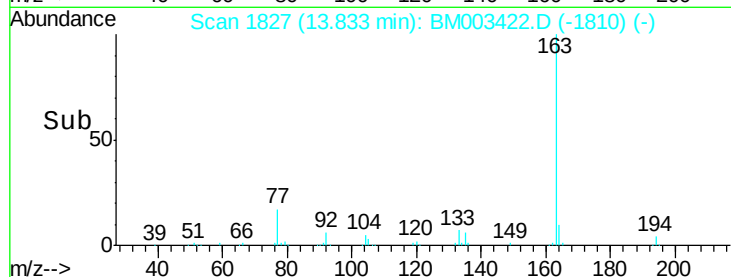
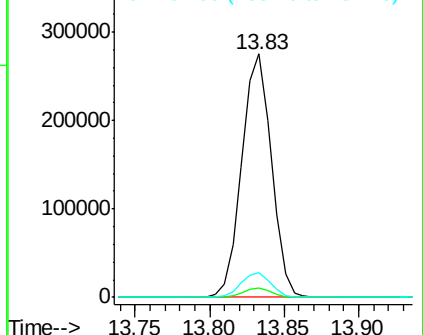
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 36.06 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

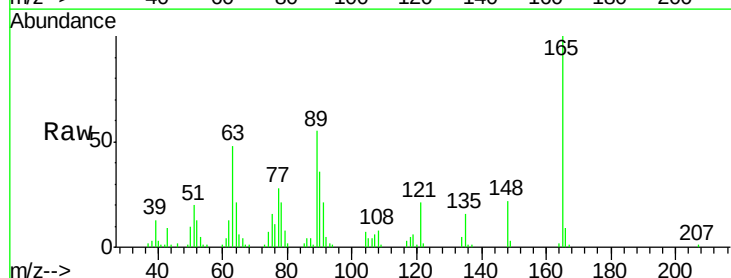
Tgt Ion:165 Resp: 80333

Ion Ratio Lower Upper

165 100

63 48.2 44.1 66.1

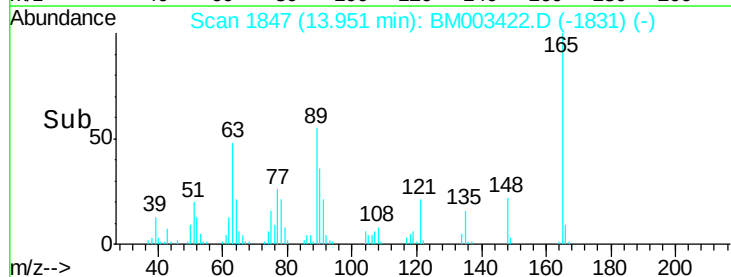
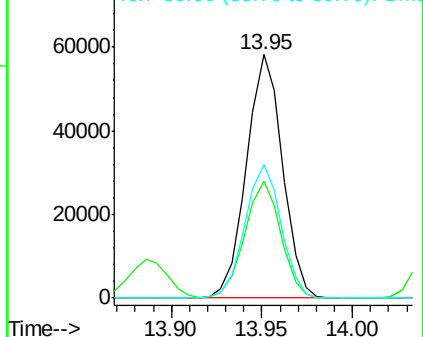
89 55.1 44.3 66.5

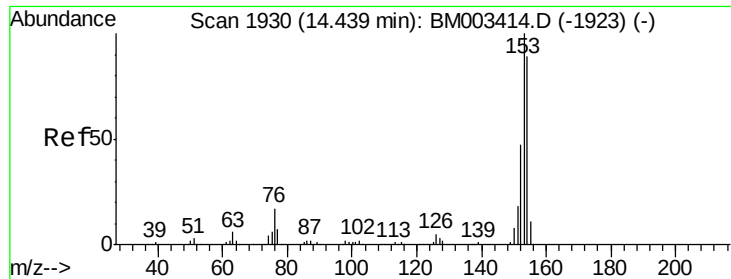


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM





#51

Acenaphthene

Concen: 37.54 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

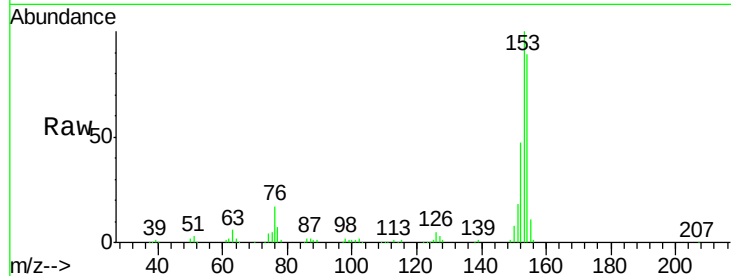
Tgt Ion:154 Resp: 306137

Ion Ratio Lower Upper

154 100

153 112.3 90.0 135.0

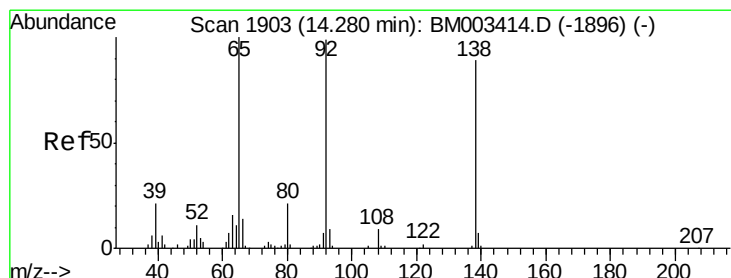
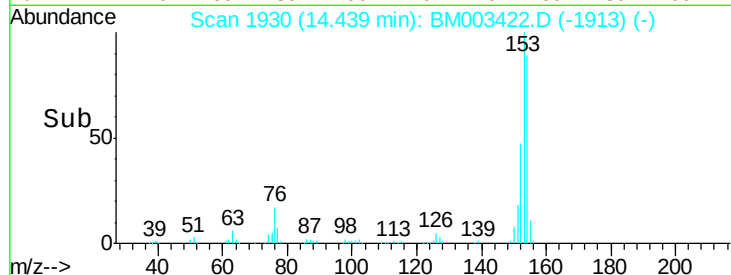
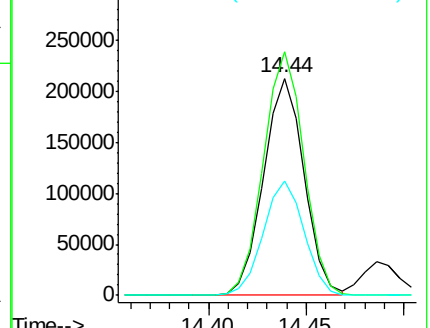
152 52.9 42.6 63.8



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: 15.44 ng

RT: 14.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

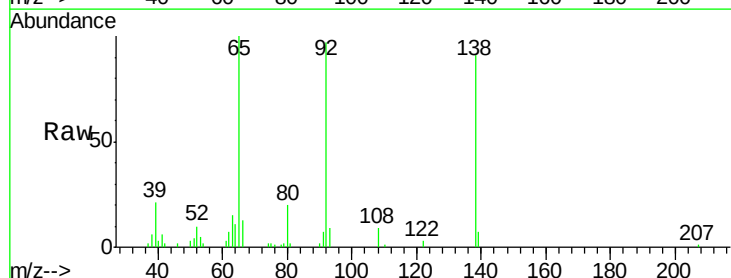
Tgt Ion:138 Resp: 35208

Ion Ratio Lower Upper

138 100

108 10.1 7.3 10.9

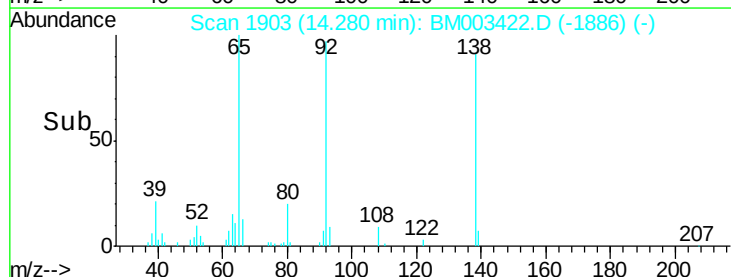
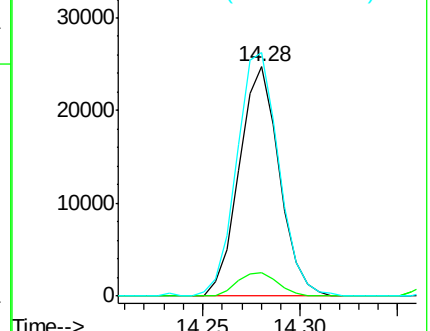
92 106.2 76.6 114.8

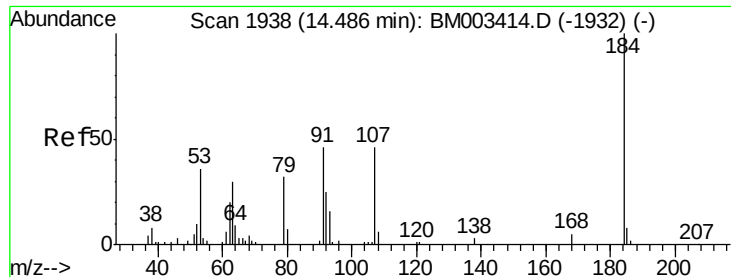


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

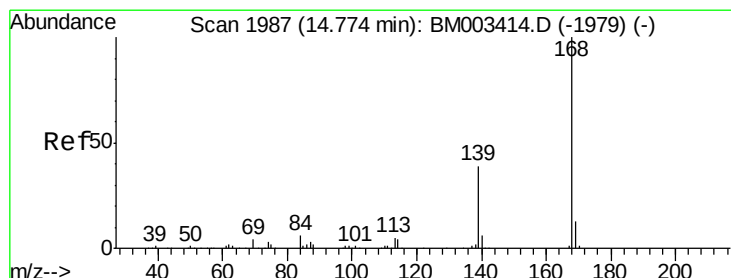
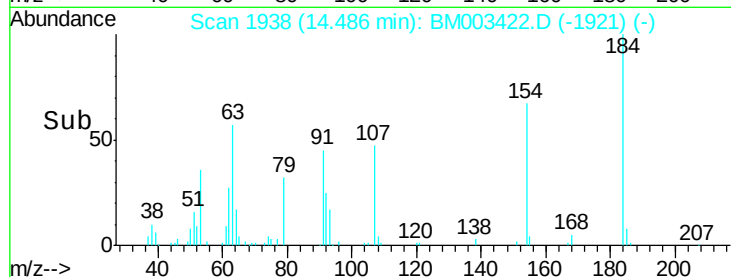
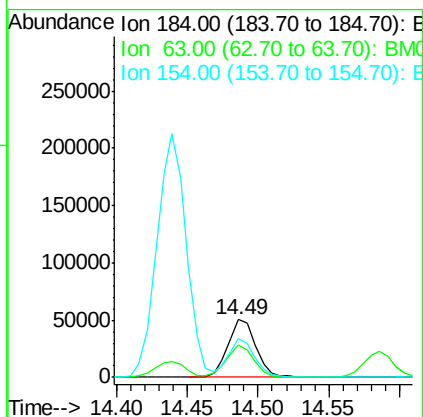
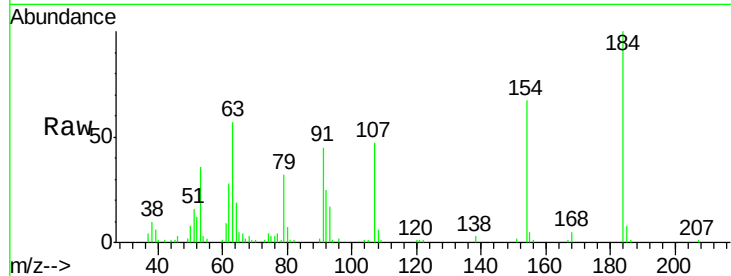




#53
 2,4-Dinitrophenol
 Concen: 57.95 ng
 RT: 14.49 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

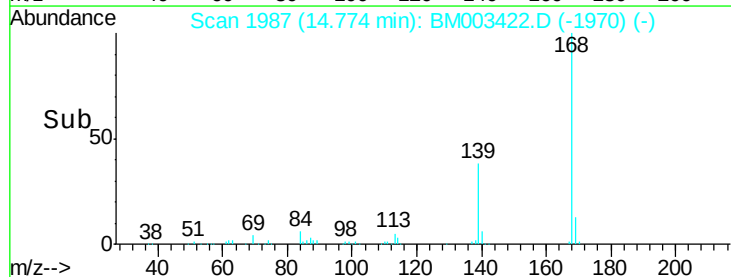
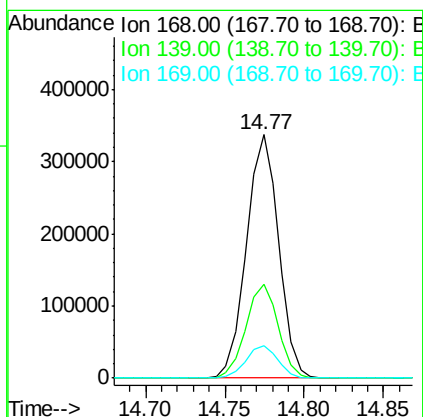
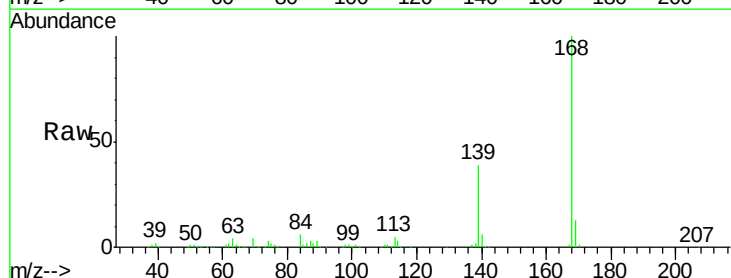
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

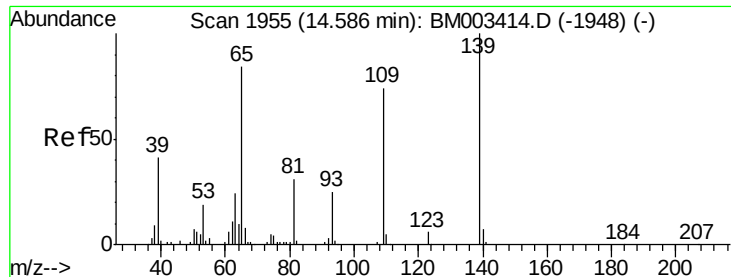
Tgt Ion:184 Resp: 70371
 Ion Ratio Lower Upper
 184 100
 63 57.2 69.2 103.8#
 154 66.6 53.3 79.9



#54
 Dibenzofuran
 Concen: 40.35 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:168 Resp: 475218
 Ion Ratio Lower Upper
 168 100
 139 38.6 27.3 40.9
 169 13.4 10.6 16.0

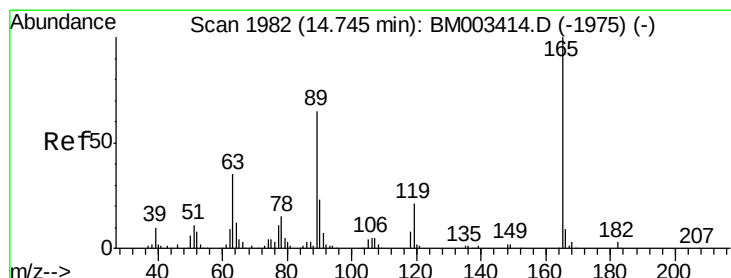
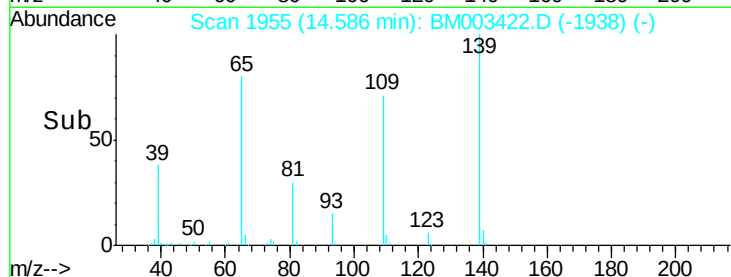
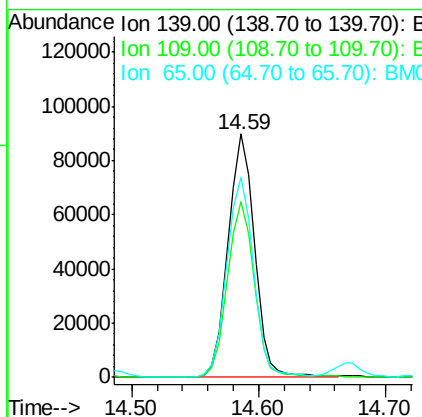
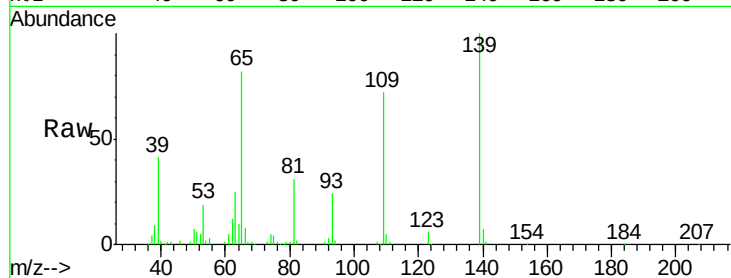




#55
4-Nitrophenol
Concen: 69.26 ng
RT: 14.59 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

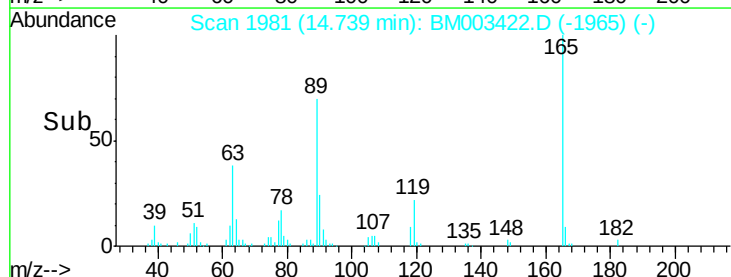
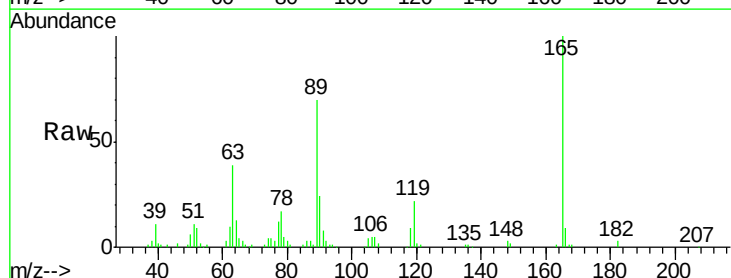
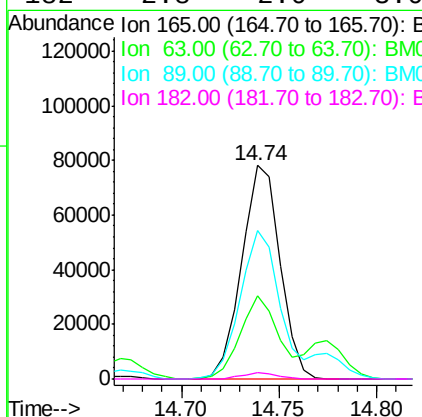
Instrument :
BNA_M
ClientSampleId :
PB87163BS

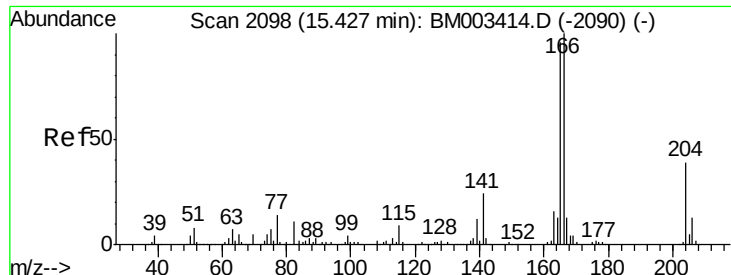
Tgt Ion:139 Resp: 130404
Ion Ratio Lower Upper
139 100
109 72.0 37.7 77.7
65 82.4 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 36.84 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion:165 Resp: 106507
Ion Ratio Lower Upper
165 100
63 38.7 52.4 78.6#
89 69.7 72.4 108.6#
182 2.8 2.0 3.0

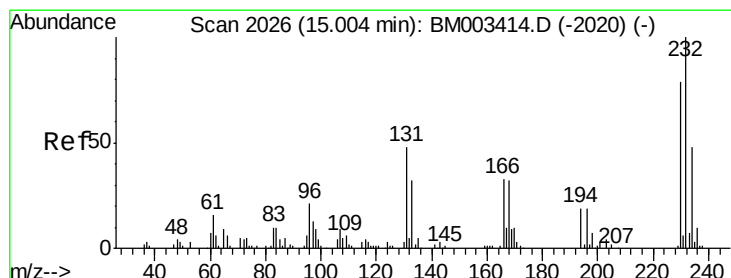
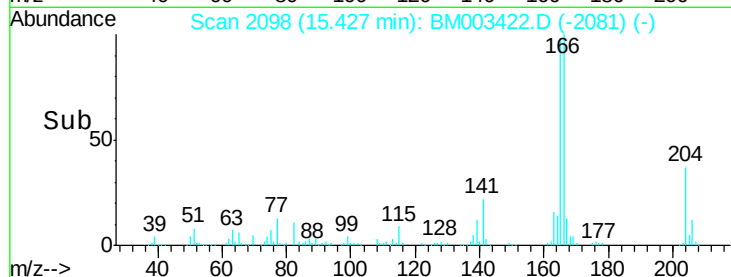
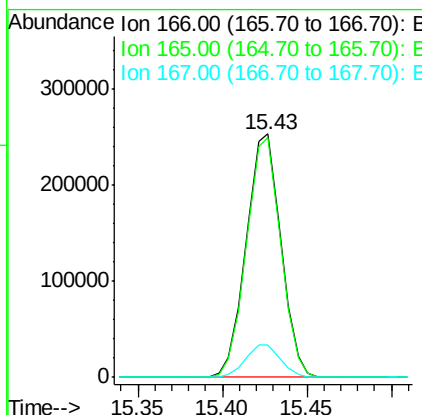
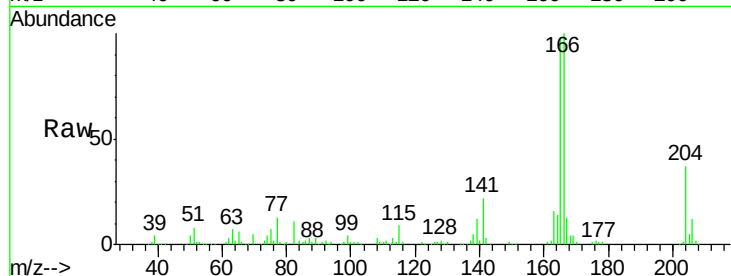




#57
Fluorene
 Concen: 37.16 ng
 RT: 15.43 min Scan# 2098
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

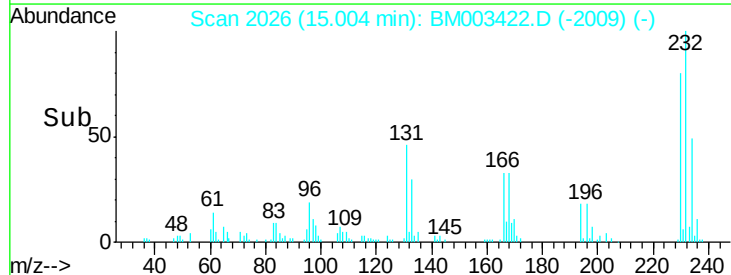
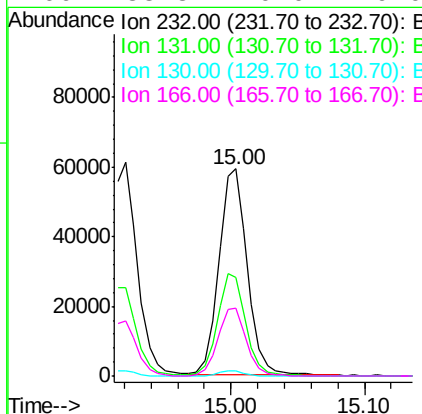
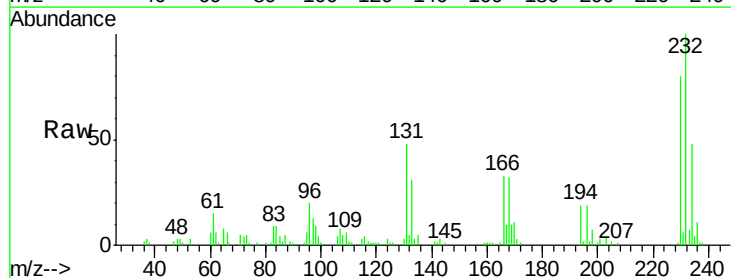
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

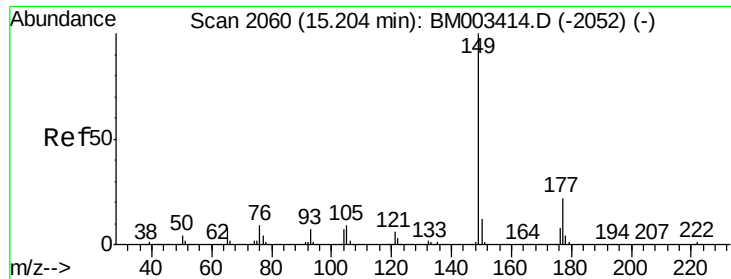
Tgt Ion:166 Resp: 362866
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.0 118.4
 167 13.3 10.3 15.5



#58
2,3,4,6-Tetrachlorophenol
 Concen: 39.91 ng
 RT: 15.00 min Scan# 2026
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:232 Resp: 87596
 Ion Ratio Lower Upper
 232 100
 131 50.0 0.0 0.0#
 130 2.4 0.0 0.0#
 166 33.3 0.0 0.0#





#59

Diethylphthalate

Concen: 34.73 ng

RT: 15.20 min Scan# 2059

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

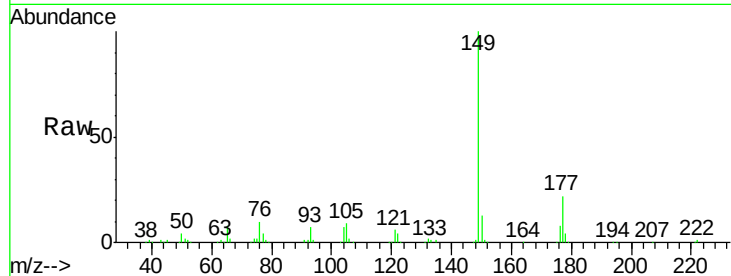
Tgt Ion:149 Resp: 364138

Ion Ratio Lower Upper

149 100

177 21.6 18.3 27.5

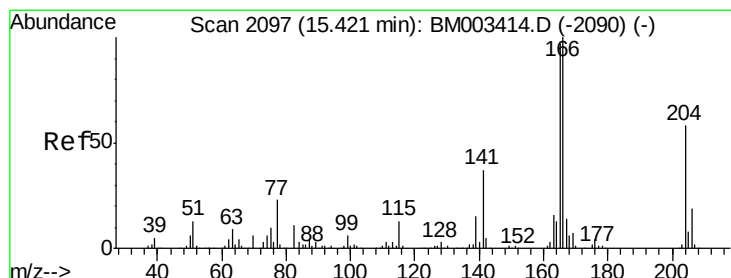
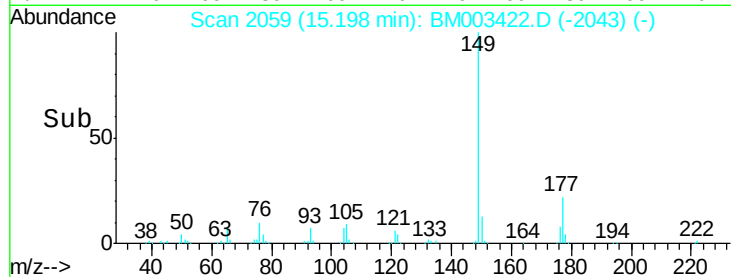
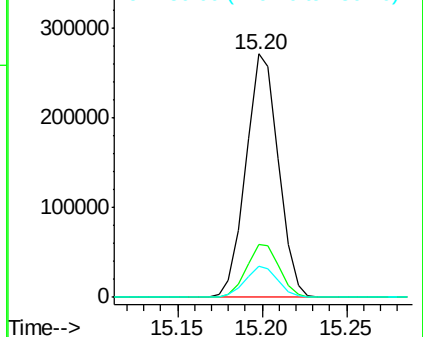
150 12.8 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 36.10 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

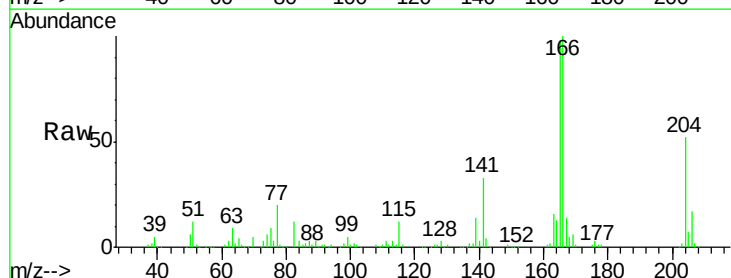
Tgt Ion:204 Resp: 178212

Ion Ratio Lower Upper

204 100

206 33.0 26.6 39.8

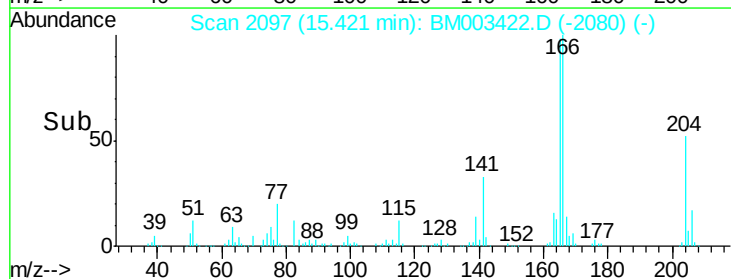
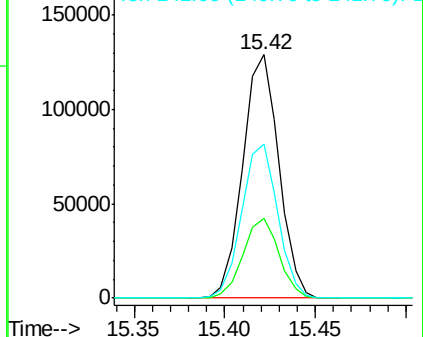
141 63.5 45.2 67.8

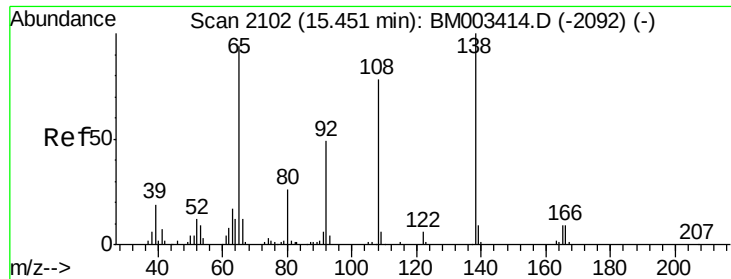


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

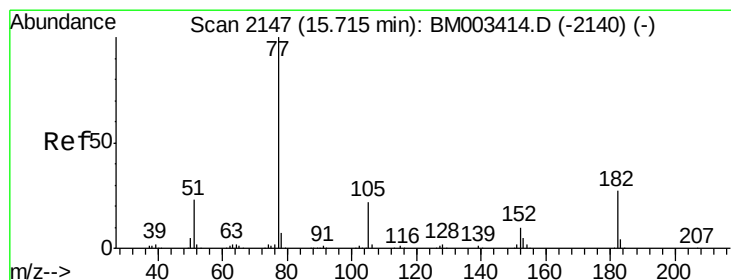
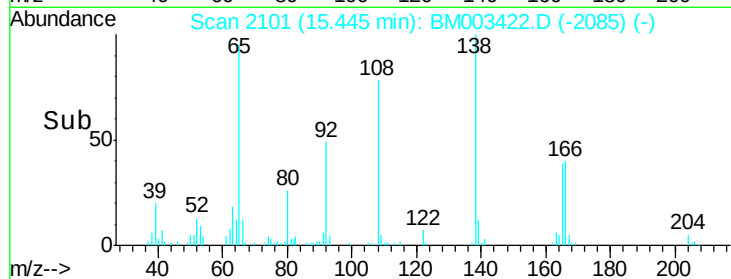
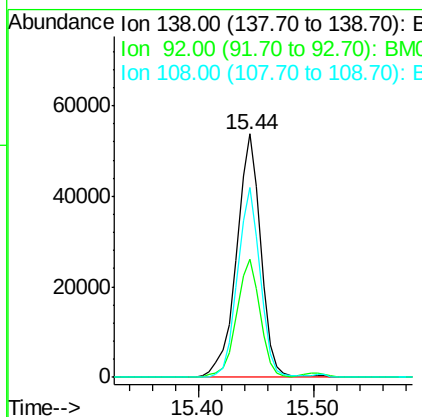
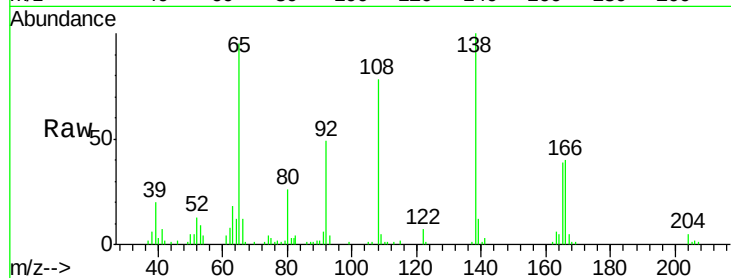




#61
4-Nitroaniline
Concen: 33.58 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

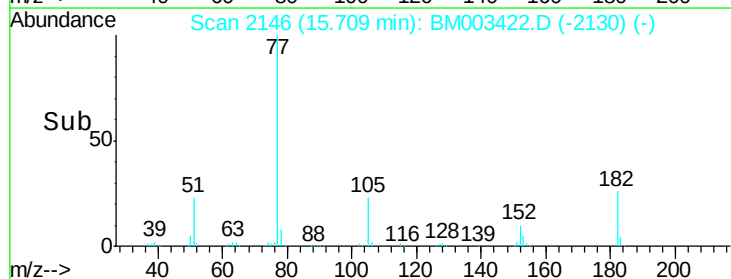
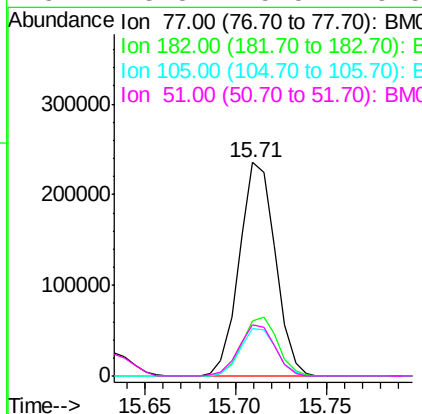
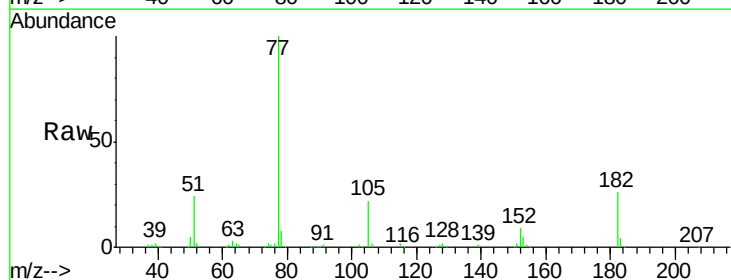
Instrument :
BNA_M
ClientSampleId :
PB87163BS

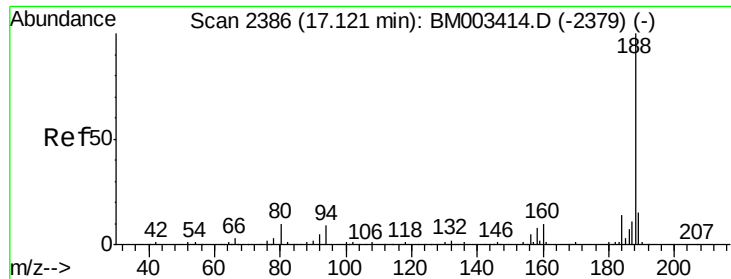
Tgt Ion: 138 Resp: 78186
Ion Ratio Lower Upper
138 100
92 48.7 16.7 56.7
108 77.8 37.6 77.6#



#62
Azobenzene
Concen: 39.64 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion: 77 Resp: 325752
Ion Ratio Lower Upper
77 100
182 25.6 6.5 46.5
105 22.3 3.8 43.8
51 23.8 5.5 45.5

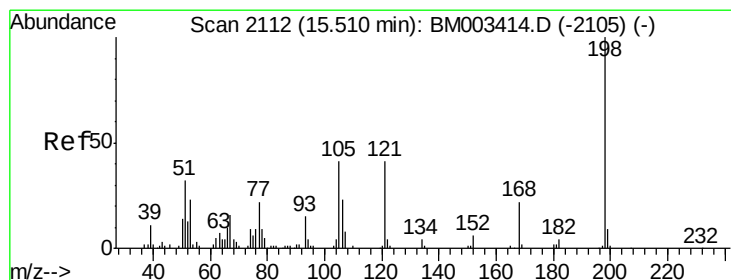
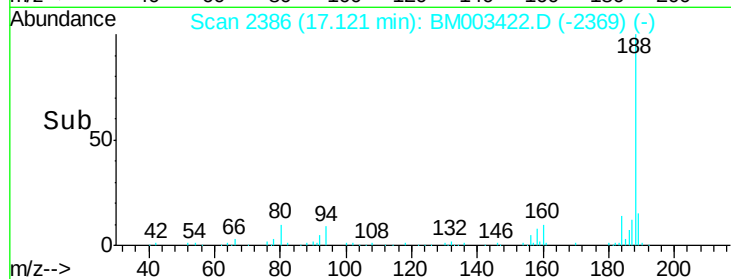
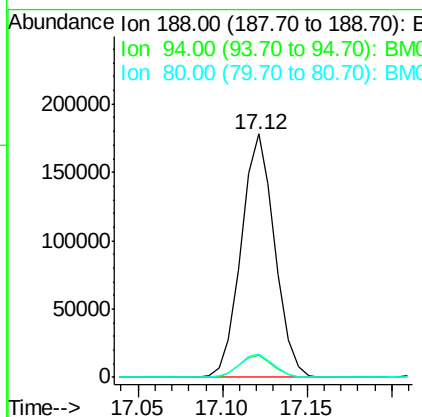
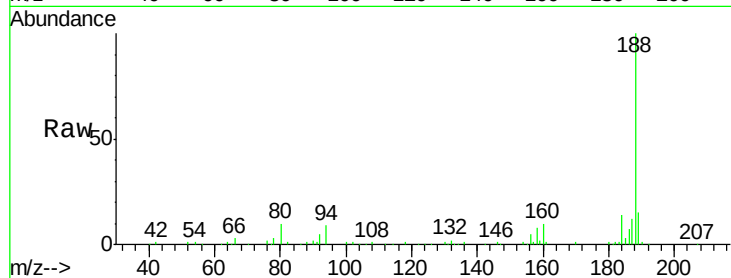




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

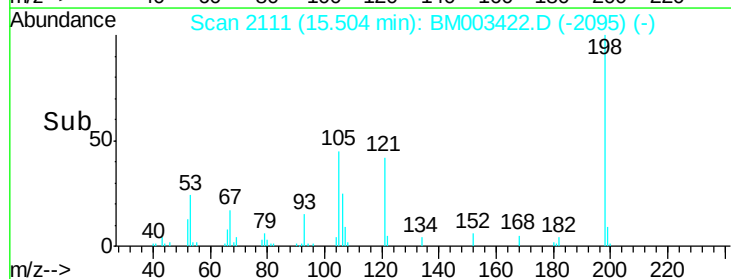
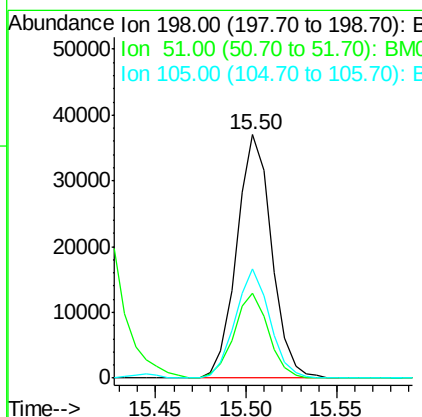
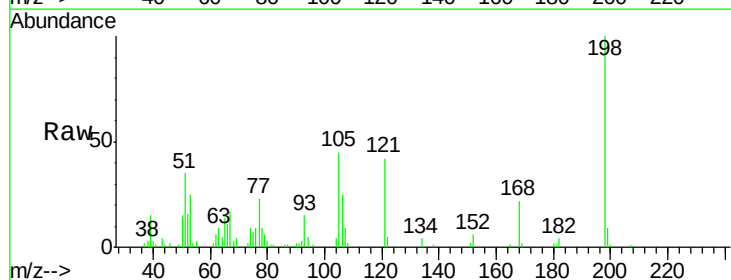
Instrument :
BNA_M
ClientSampleId :
PB87163BS

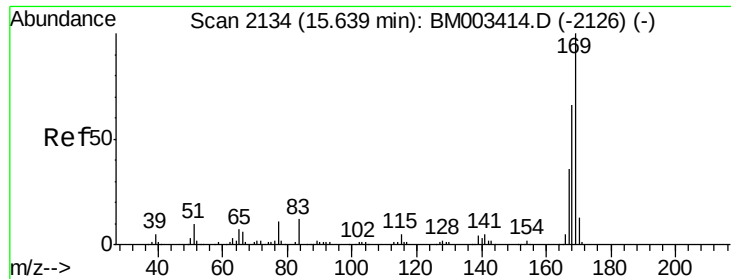
Tgt Ion:188 Resp: 245029
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.6 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 33.45 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003422.D
Acq: 09 Dec 2015 20:54

Tgt Ion:198 Resp: 49457
Ion Ratio Lower Upper
198 100
51 35.1 28.8 68.8
105 44.6 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 39.98 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

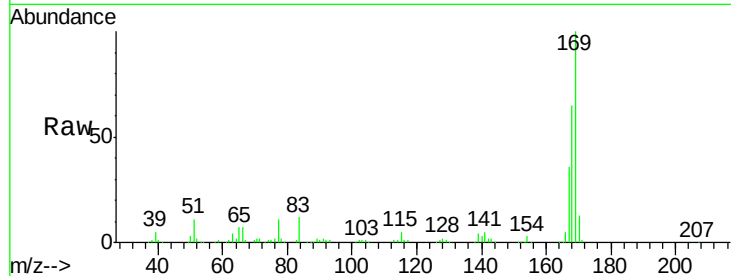
Tgt Ion:169 Resp: 309714

Ion Ratio Lower Upper

169 100

168 65.3 53.9 80.9

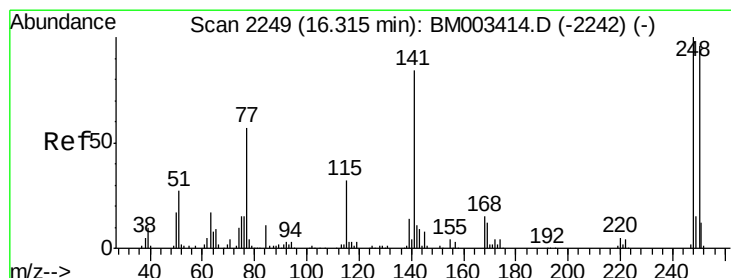
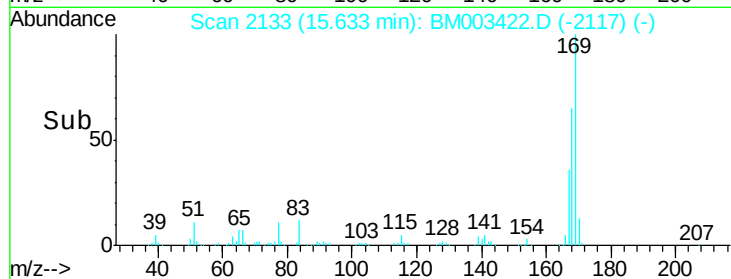
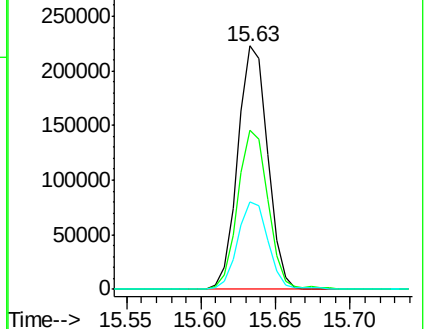
167 35.8 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 38.44 ng

RT: 16.32 min Scan# 2249

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

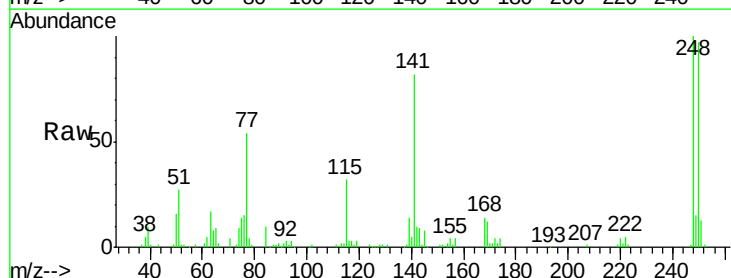
Tgt Ion:248 Resp: 101548

Ion Ratio Lower Upper

248 100

250 96.7 77.4 116.0

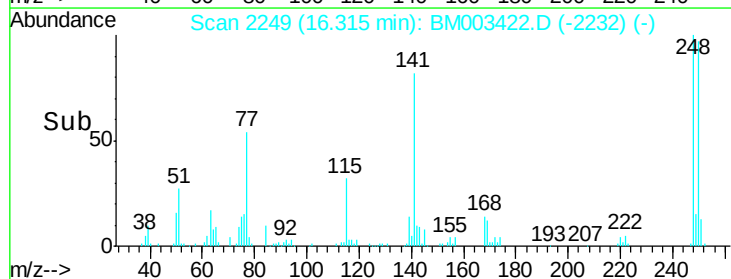
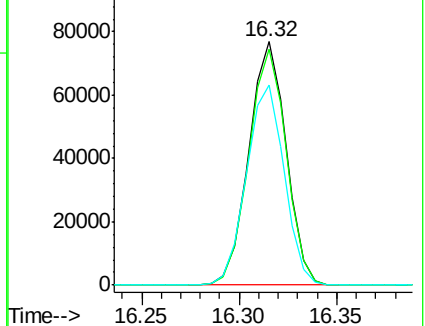
141 82.1 45.2 67.8#

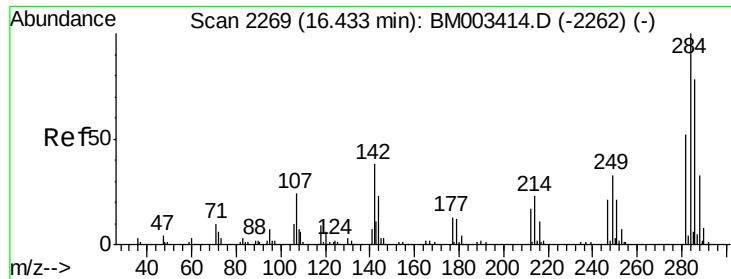


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 38.85 ng

RT: 16.43 min Scan# 2269

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

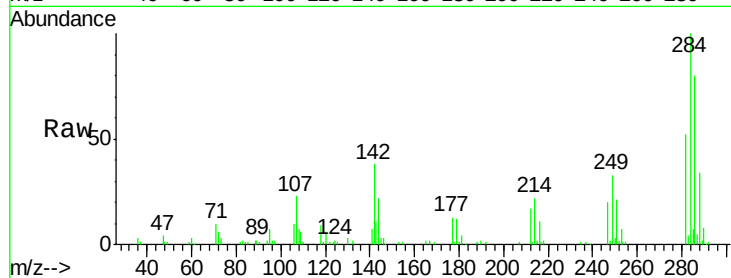
Tgt Ion:284 Resp: 110274

Ion Ratio Lower Upper

284 100

142 37.9 20.4 30.6#

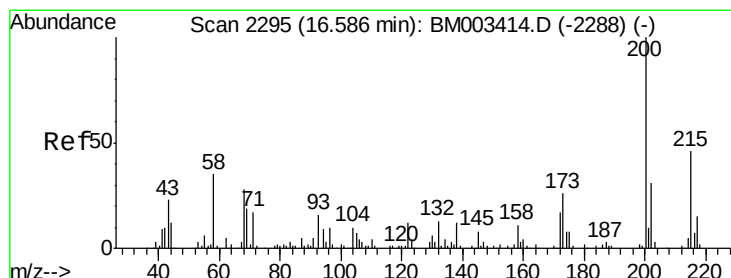
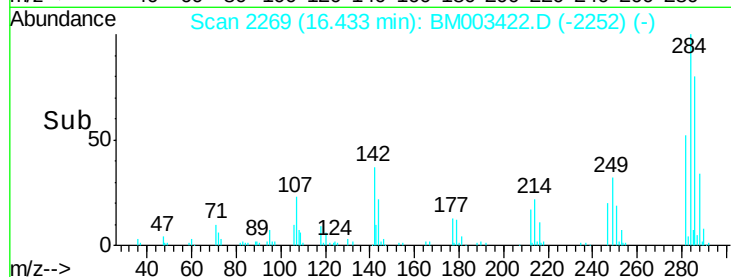
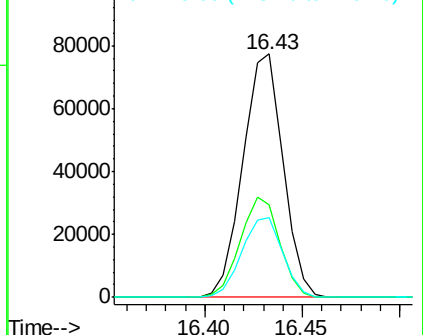
249 32.9 23.8 35.6



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: 40.64 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

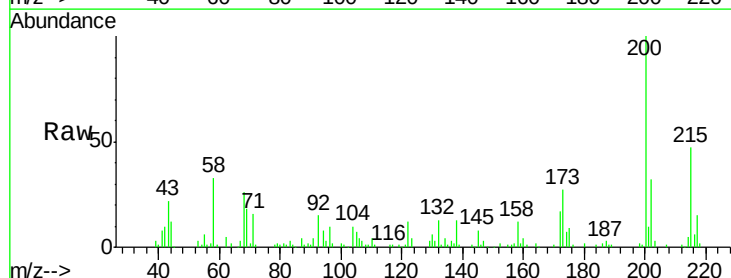
Tgt Ion:200 Resp: 98192

Ion Ratio Lower Upper

200 100

173 26.9 4.8 44.8

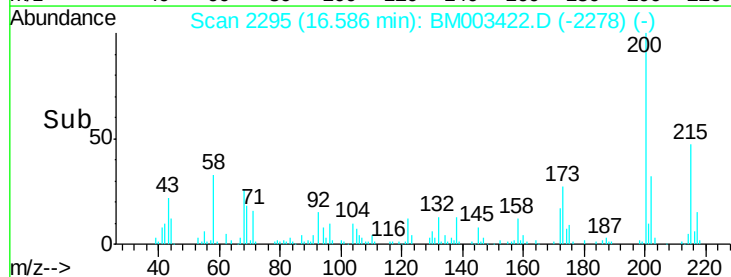
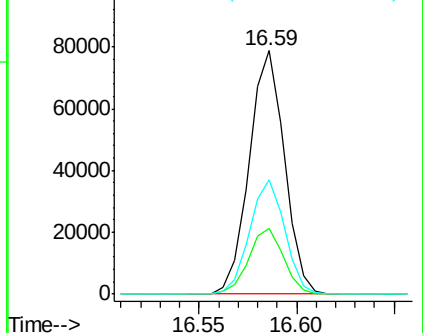
215 46.7 26.9 66.9

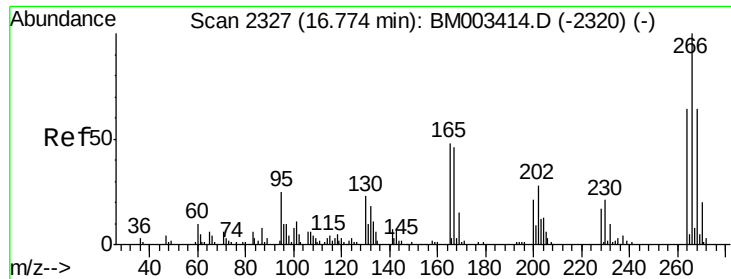


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 73.71 ng

RT: 16.77 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

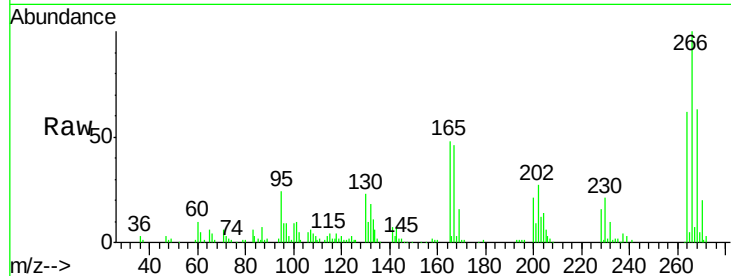
Tgt Ion:266 Resp: 119433

Ion Ratio Lower Upper

266 100

268 63.1 52.0 78.0

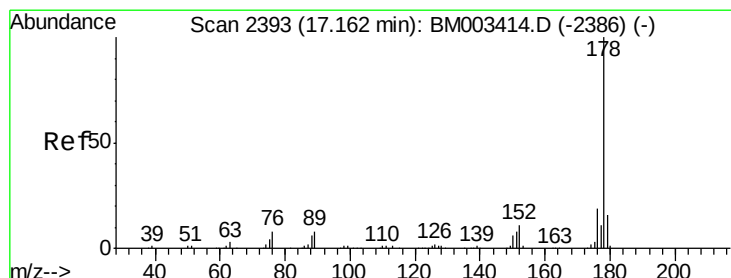
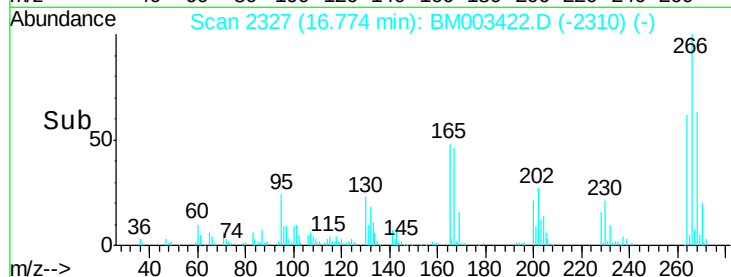
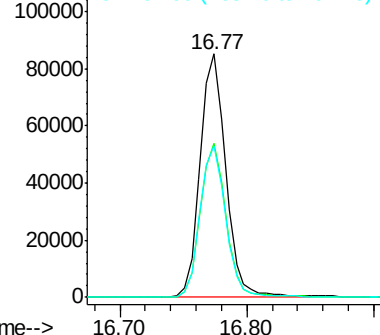
264 62.0 49.0 73.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 39.15 ng

RT: 17.16 min Scan# 2393

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

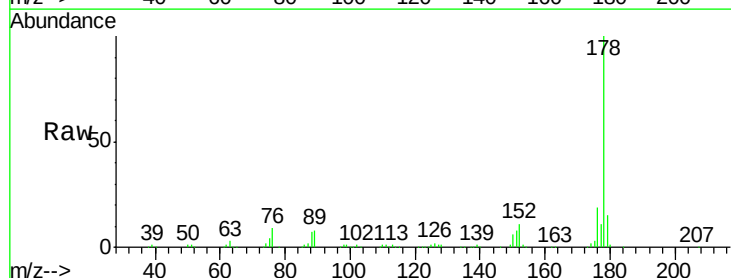
Tgt Ion:178 Resp: 538360

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

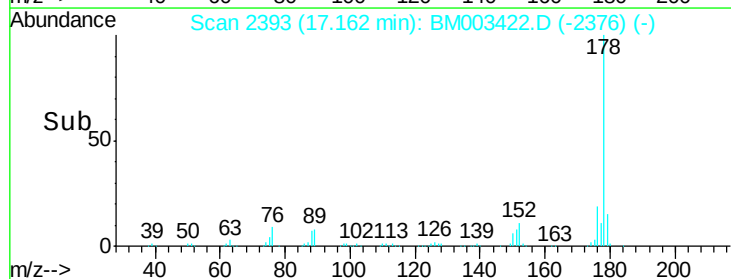
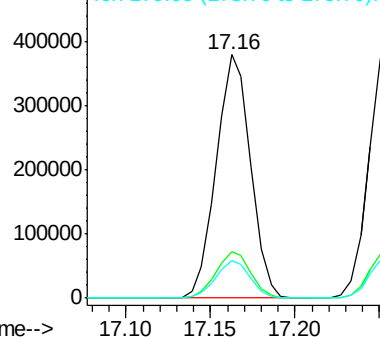
179 15.4 12.1 18.1

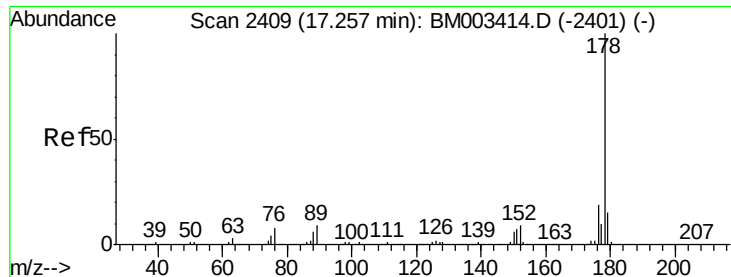


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

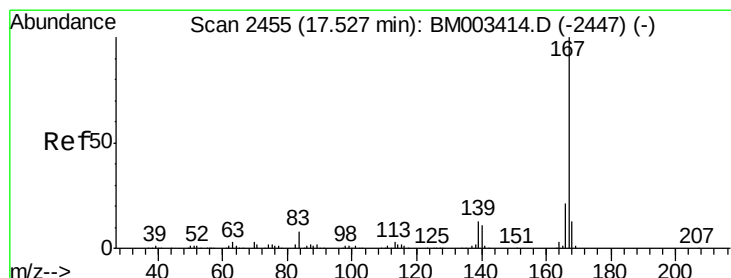
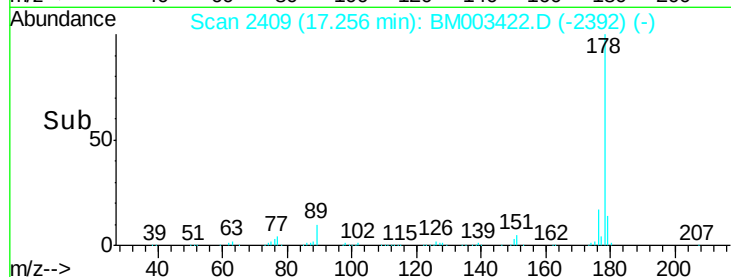
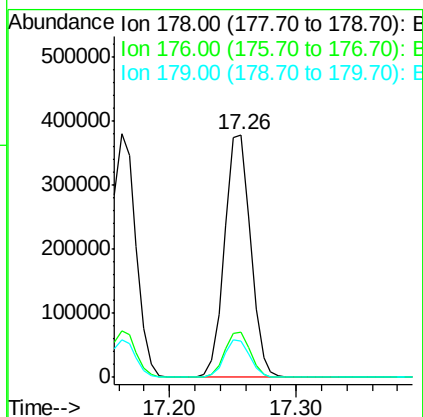
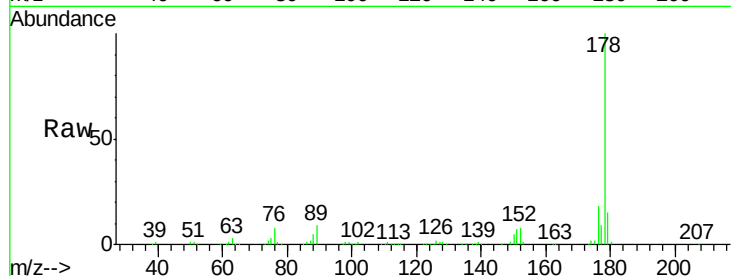




#71
 Anthracene
 Concen: 39.43 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

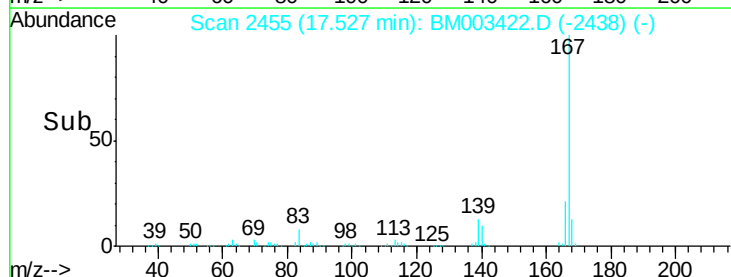
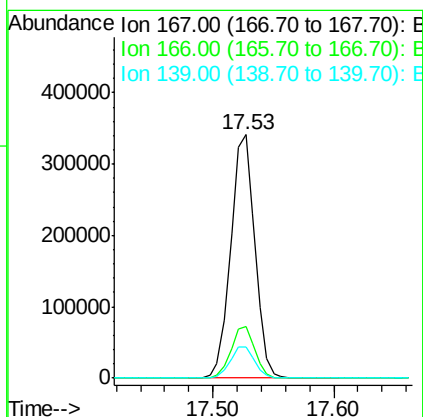
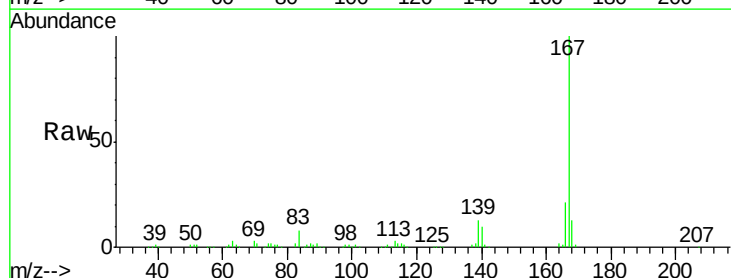
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

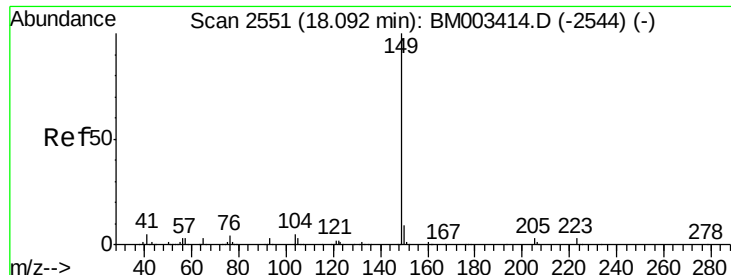
Tgt Ion:178 Resp: 538653
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 39.82 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:167 Resp: 473978
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.9 10.8 16.2





#73

Di-n-butylphthalate

Concen: 37.67 ng

RT: 18.09 min Scan# 2551

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

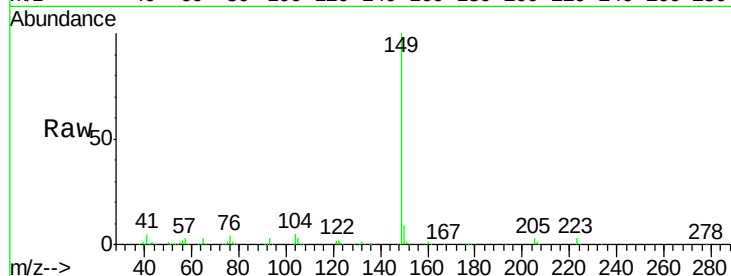
Tgt Ion:149 Resp: 524089

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

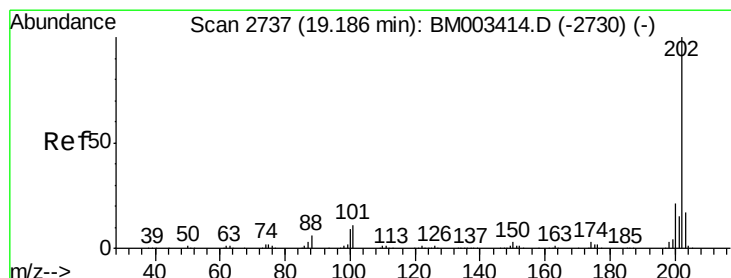
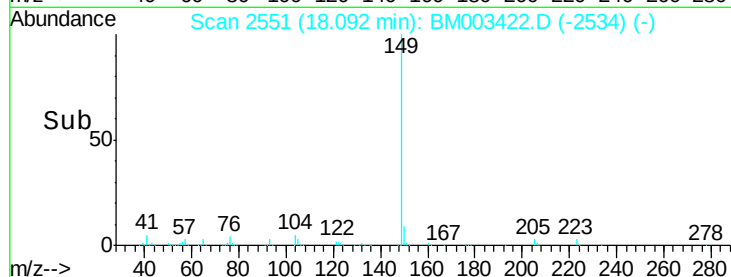
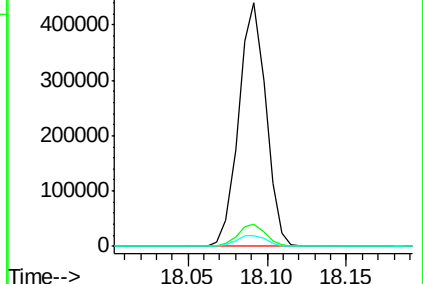
104 4.6 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 39.39 ng

RT: 19.19 min Scan# 2737

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

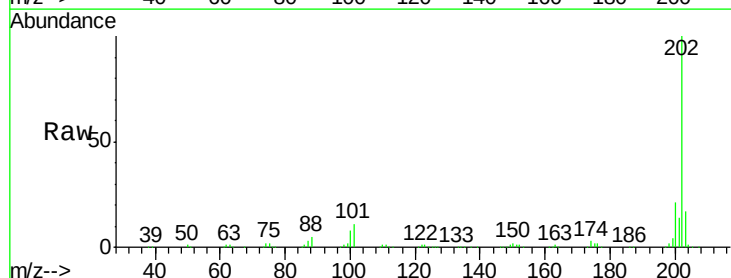
Tgt Ion:202 Resp: 558596

Ion Ratio Lower Upper

202 100

101 10.9 0.0 28.7

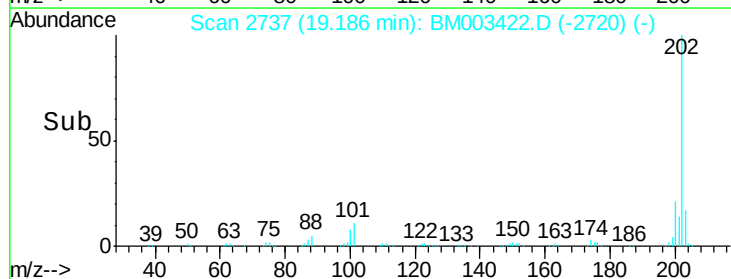
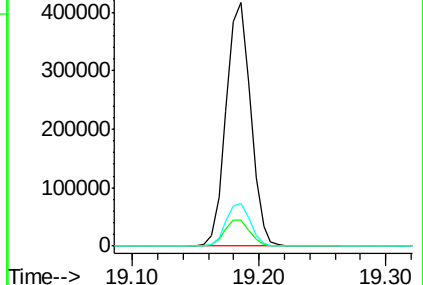
203 17.4 0.0 37.2

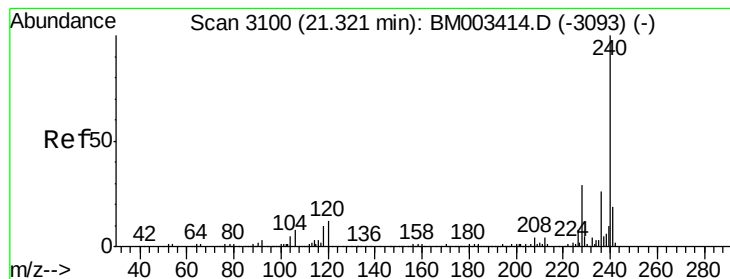


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

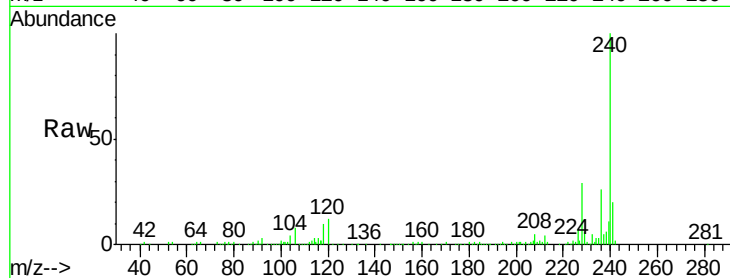
Tgt Ion:240 Resp: 239569

Ion Ratio Lower Upper

240 100

120 11.5 8.2 12.2

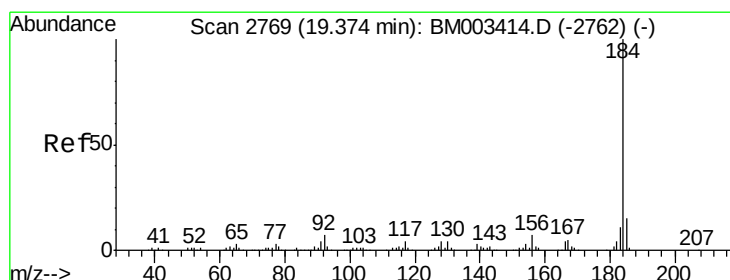
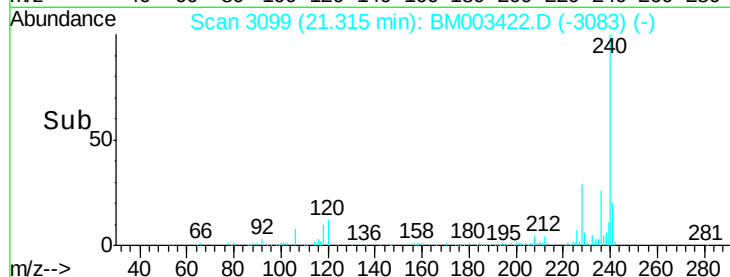
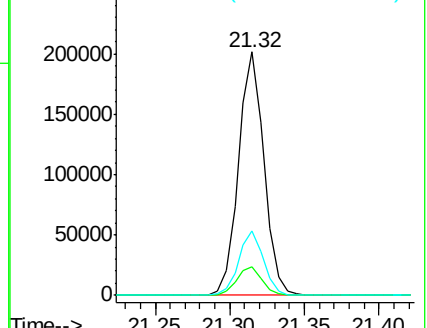
236 26.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.08 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

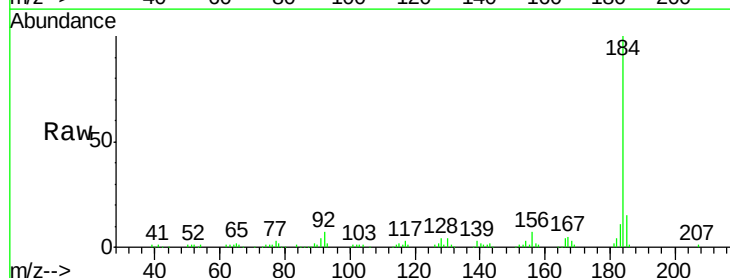
Tgt Ion:184 Resp: 169423

Ion Ratio Lower Upper

184 100

185 15.1 11.3 16.9

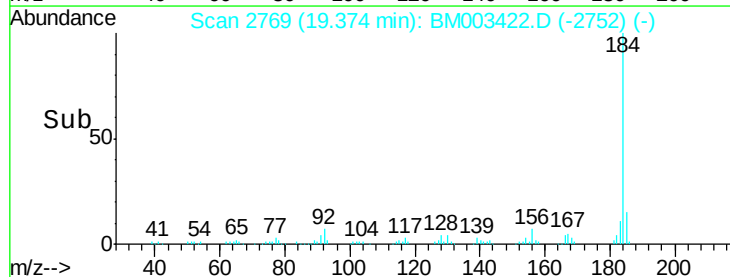
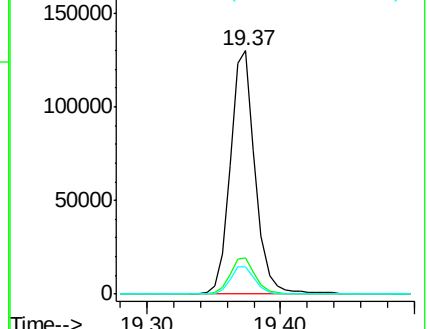
183 11.3 8.9 13.3

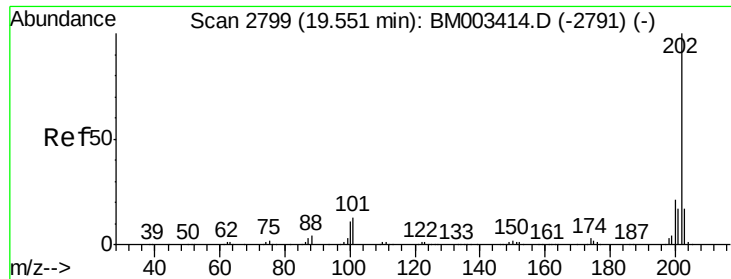


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

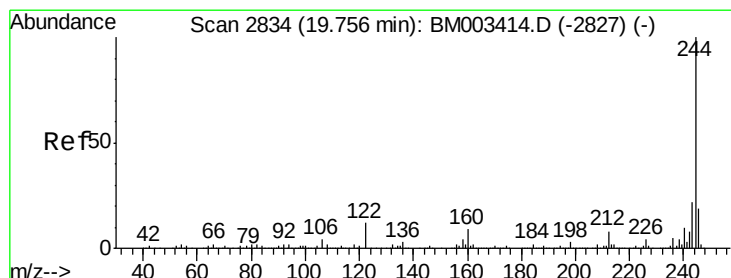
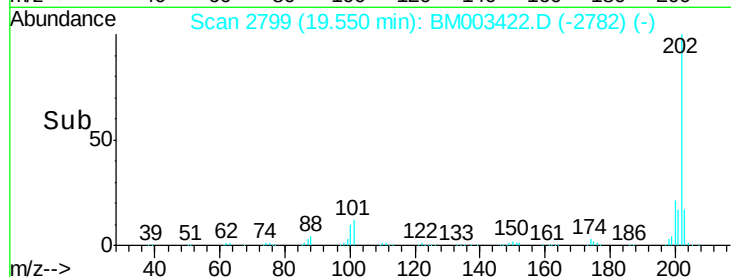
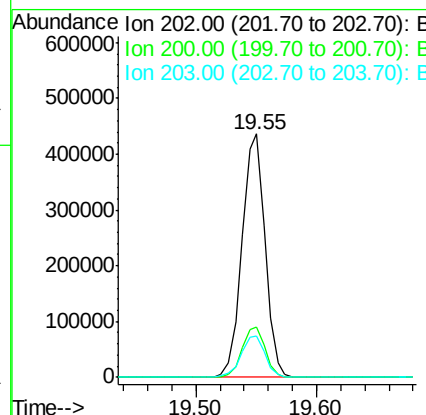
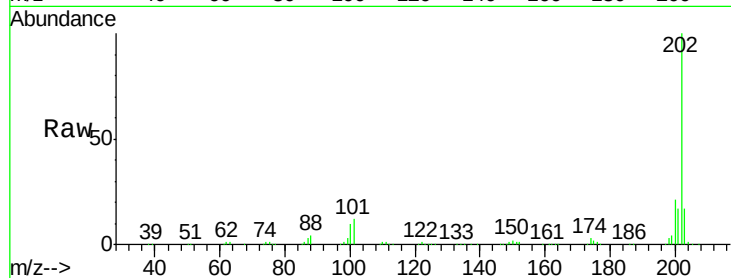




#77
 Pyrene
 Concen: 34.63 ng
 RT: 19.55 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

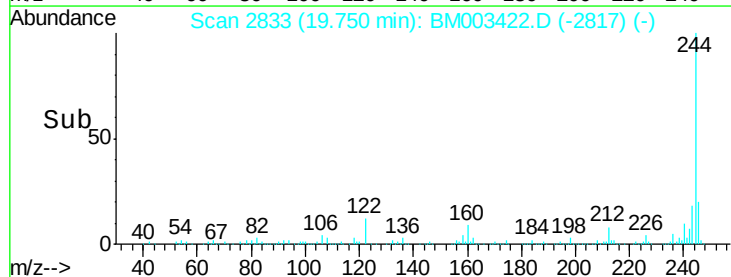
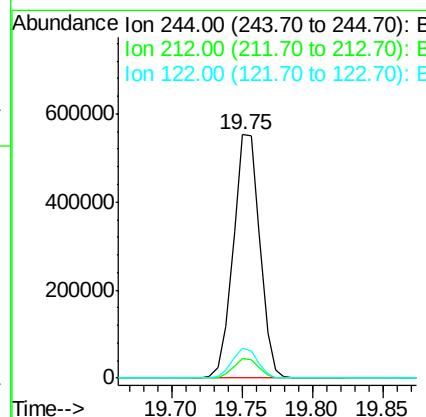
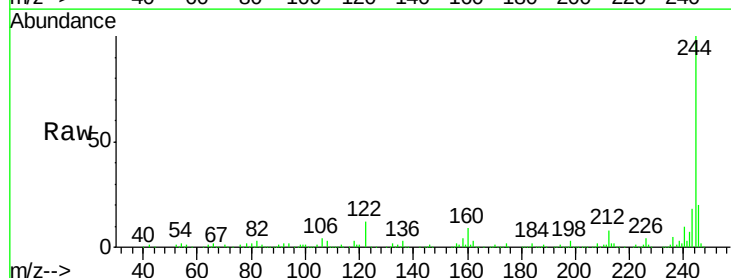
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

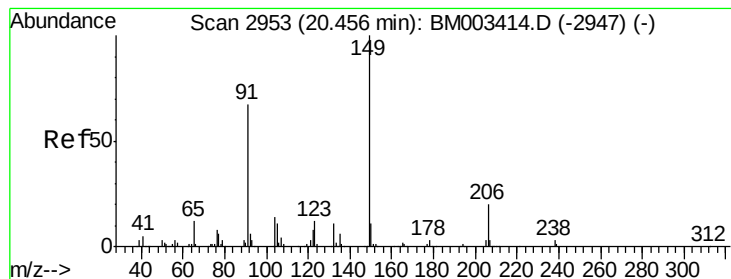
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.9	25.3
203	17.2	14.1	21.1



#78
 Terphenyl-d14
 Concen: 70.74 ng
 RT: 19.75 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	12.5	6.2	9.4#





#79

Butylbenzylphthalate

Concen: 33.10 ng

RT: 20.45 min Scan# 2952

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS

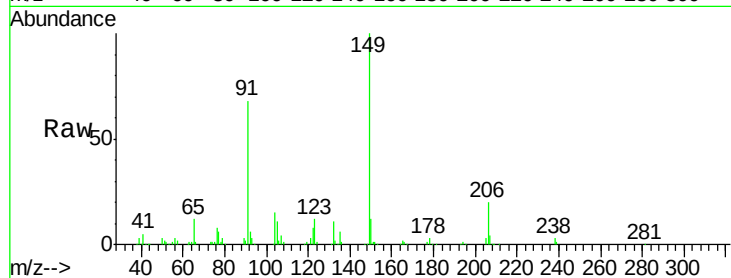
Tgt Ion:149 Resp: 214171

Ion Ratio Lower Upper

149 100

91 68.3 50.1 75.1

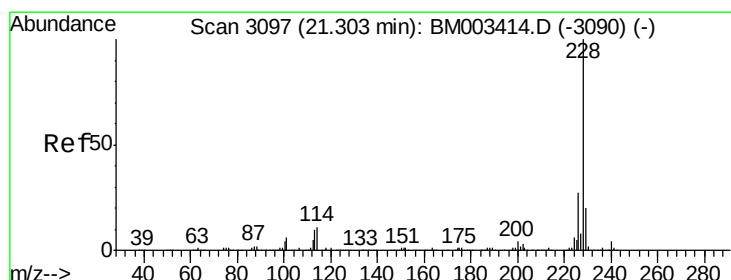
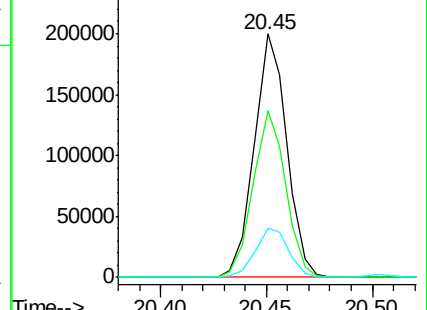
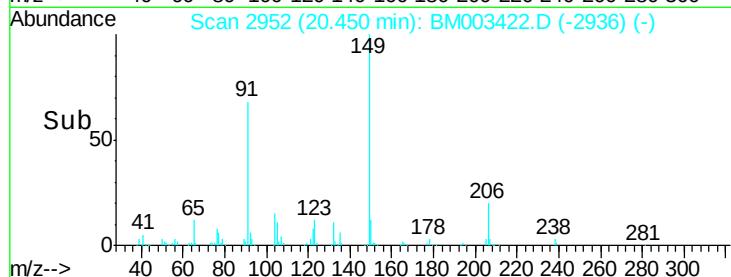
206 20.4 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.83 ng

RT: 21.30 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

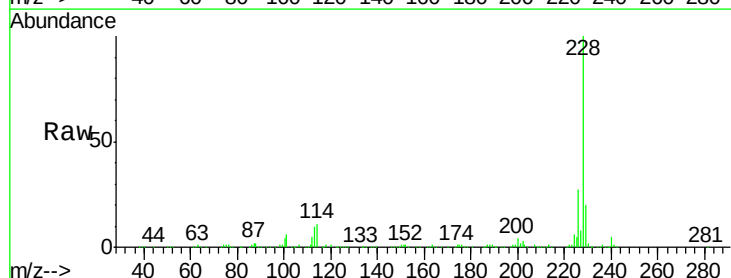
Tgt Ion:228 Resp: 543384

Ion Ratio Lower Upper

228 100

226 27.1 21.7 32.5

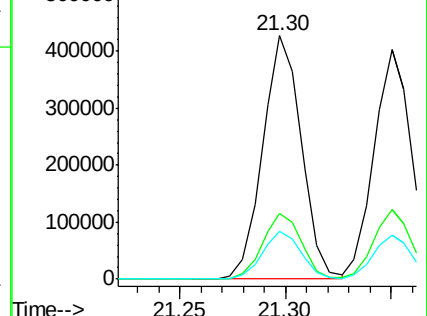
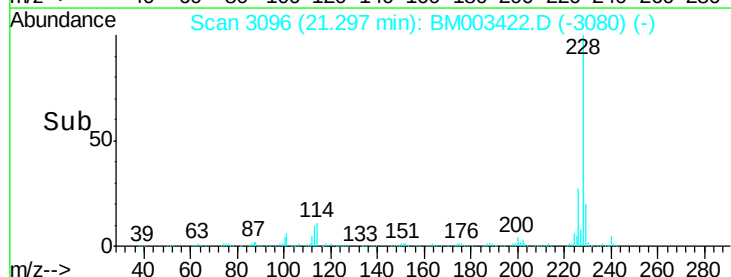
229 19.7 16.0 24.0

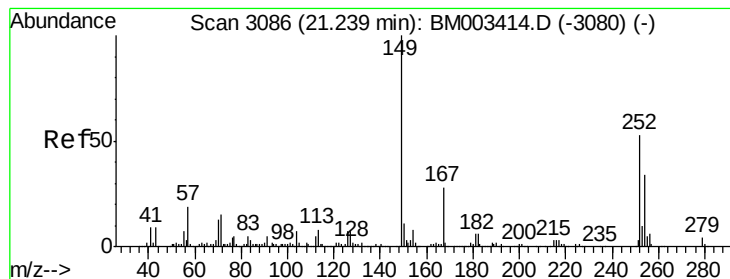


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

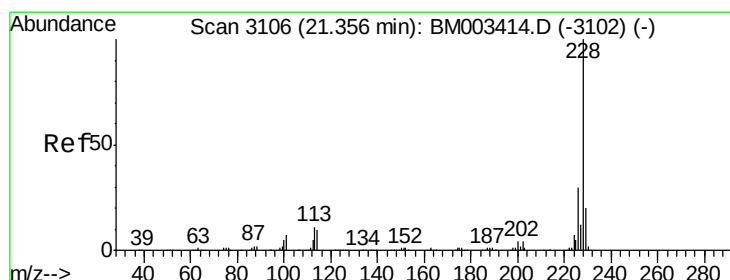
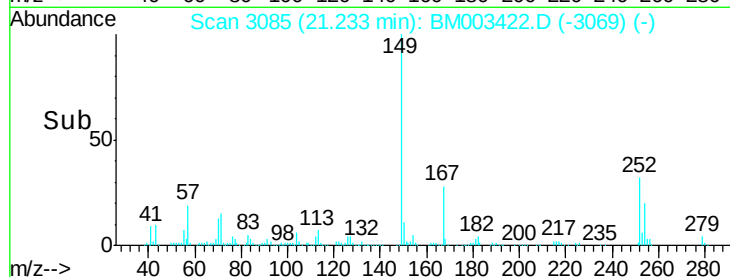
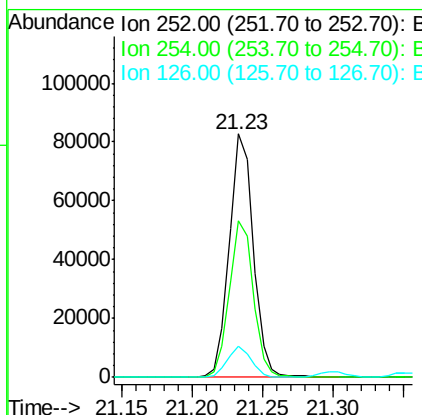
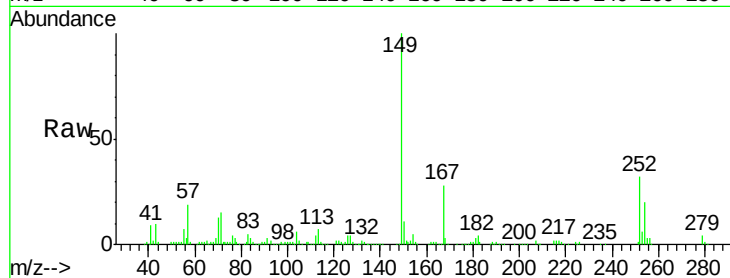




#81
 3,3'-Dichlorobenzidine
 Concen: 21.51 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

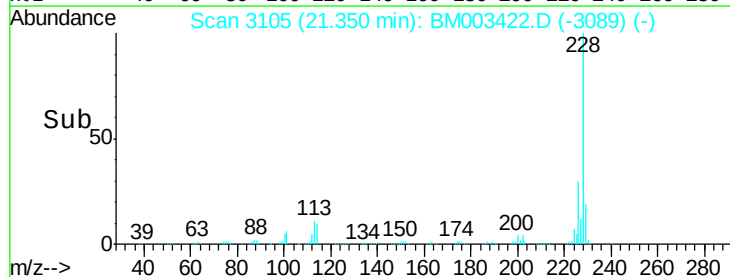
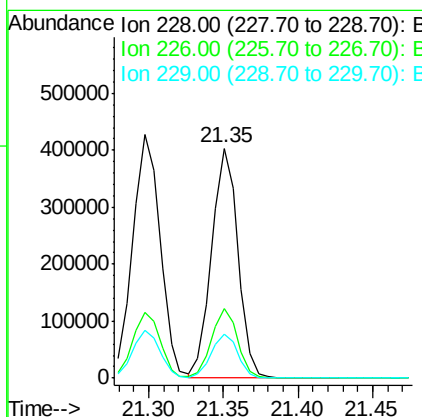
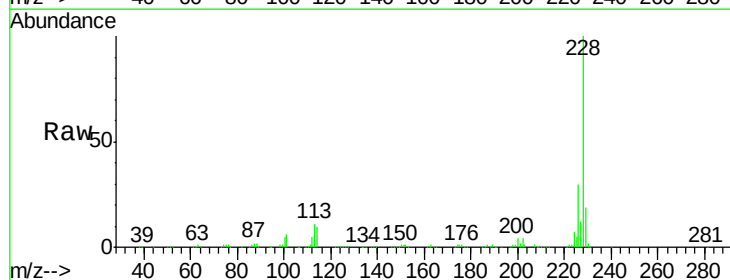
Instrument :
 BNA_M
 ClientSampleID :
 PB87163BS

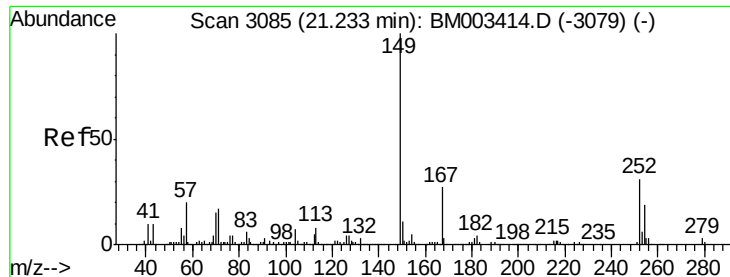
Tgt Ion:252 Resp: 98359
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.9 77.9
 126 12.7 9.8 14.8



#82
 Chrysene
 Concen: 36.00 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:228 Resp: 497730
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.1 36.1
 229 19.2 15.5 23.3

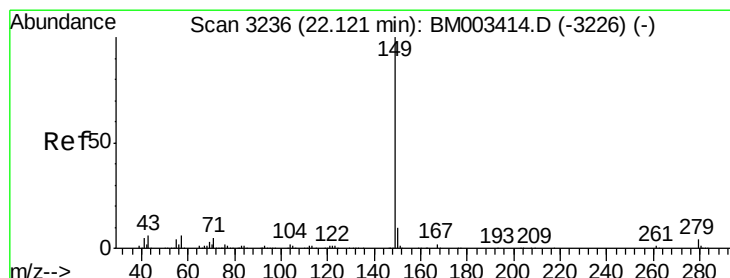
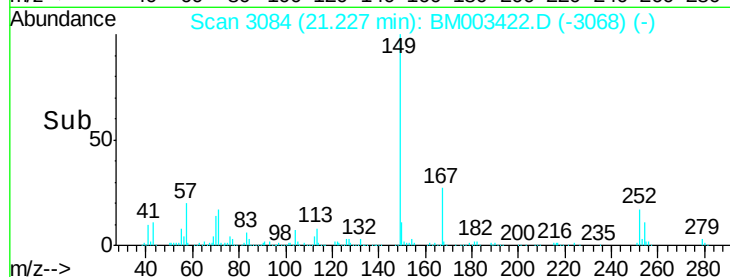
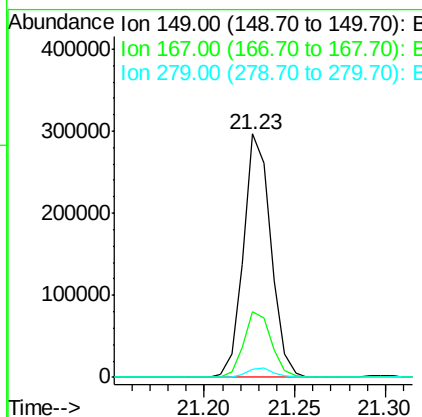
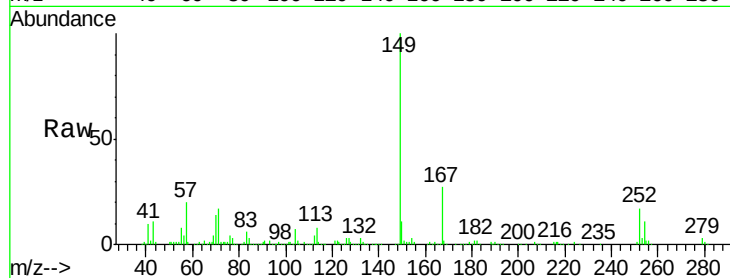




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 35.14 ng
 RT: 21.23 min Scan# 3084
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

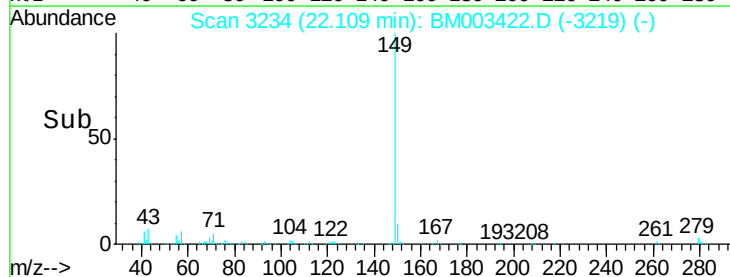
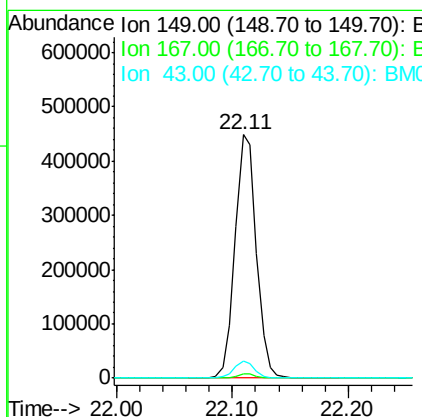
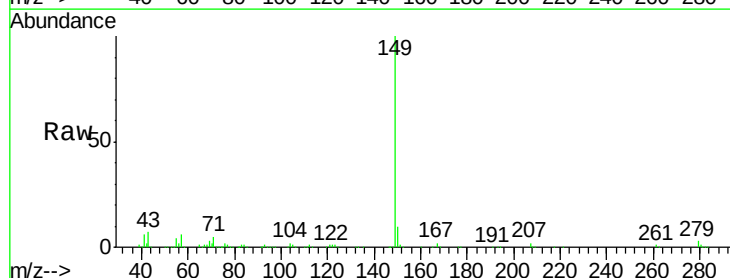
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

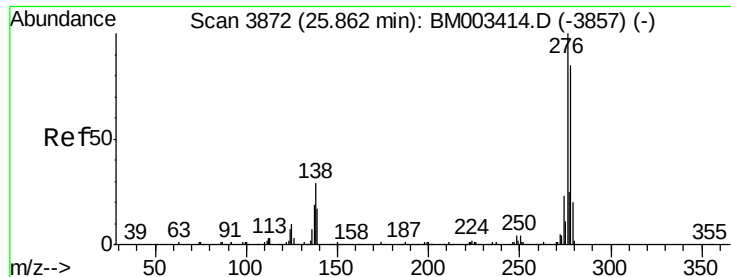
Tgt Ion:149 Resp: 311813
 Ion Ratio Lower Upper
 149 100
 167 26.8 22.4 33.6
 279 3.3 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 39.00 ng
 RT: 22.11 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:149 Resp: 571797
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 6.7 7.3 10.9#

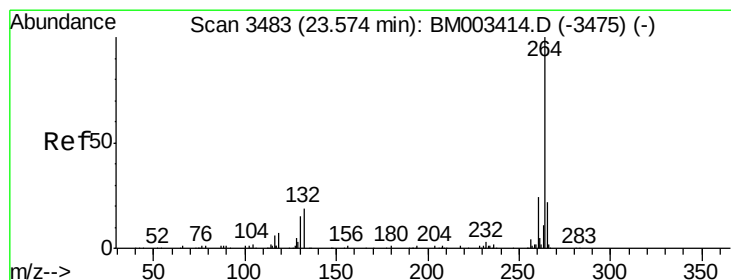
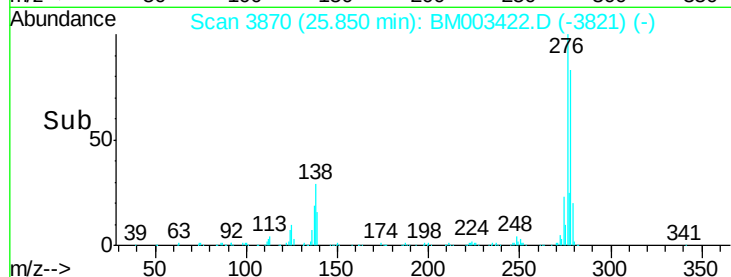
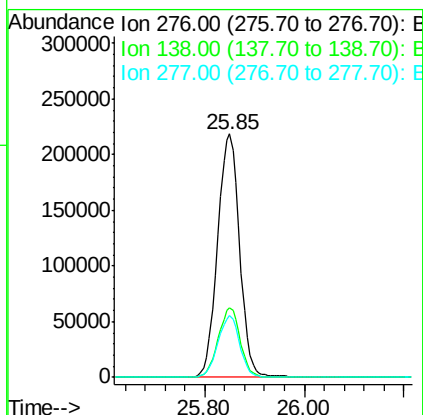
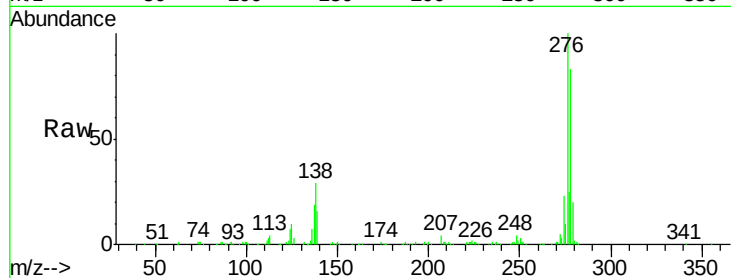




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.32 ng
 RT: 25.85 min Scan# 3870
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

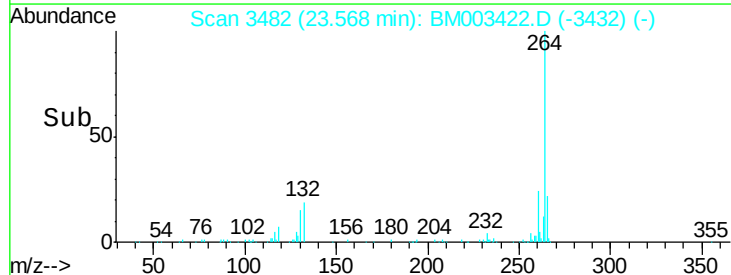
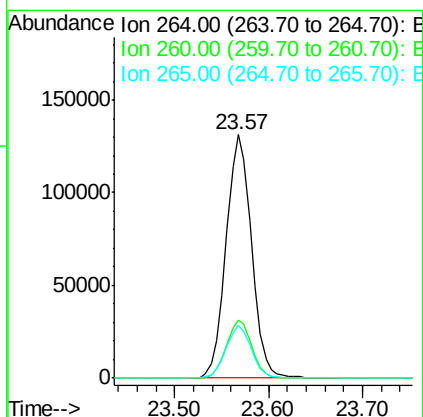
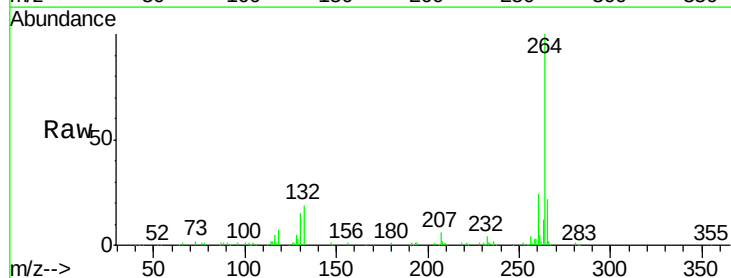
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BS

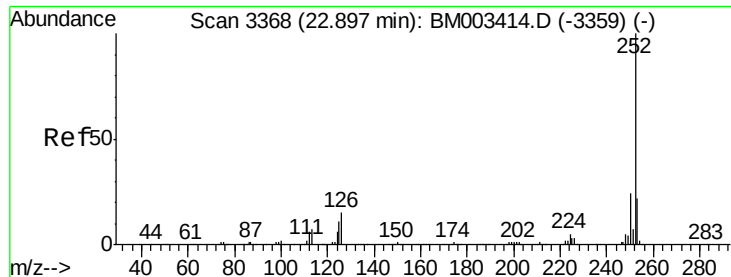
Tgt Ion:276 Resp: 672820
 Ion Ratio Lower Upper
 276 100
 138 28.3 0.0 0.0#
 277 25.0 0.0 0.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.57 min Scan# 3482
 Delta R.T. -0.01 min
 Lab File: BM003422.D
 Acq: 09 Dec 2015 20:54

Tgt Ion:264 Resp: 246457
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 38.27 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

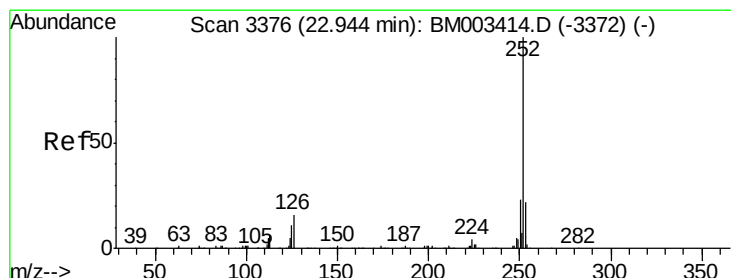
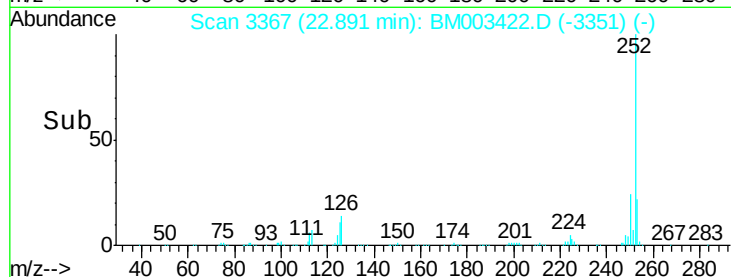
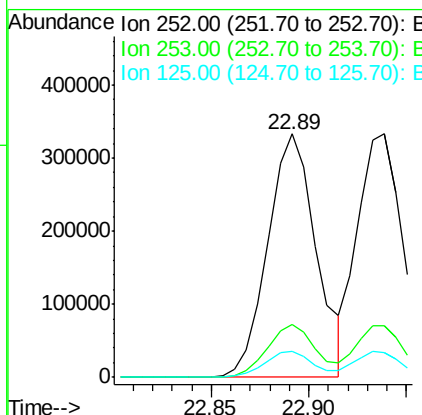
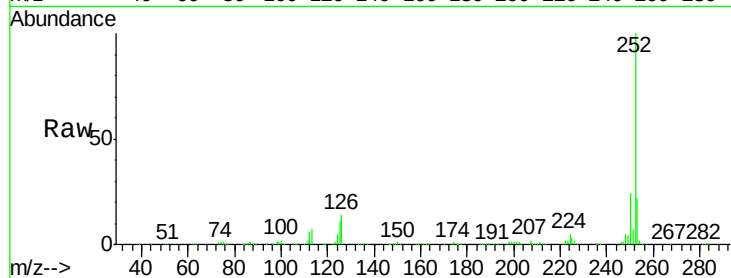
Instrument :

BNA_M

ClientSampleId :

PB87163BS

Tgt Ion:	252	Resp:	573403
Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	10.7	9.9	14.9



#88

Benzo(k)fluoranthene

Concen: 36.56 ng

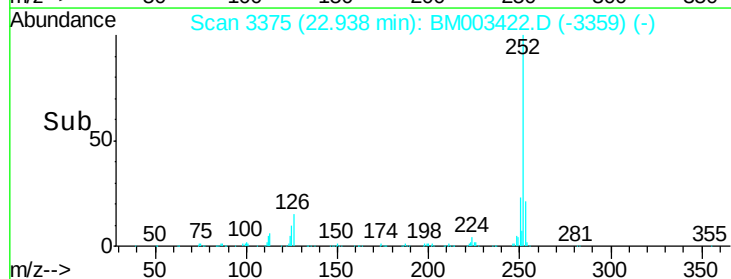
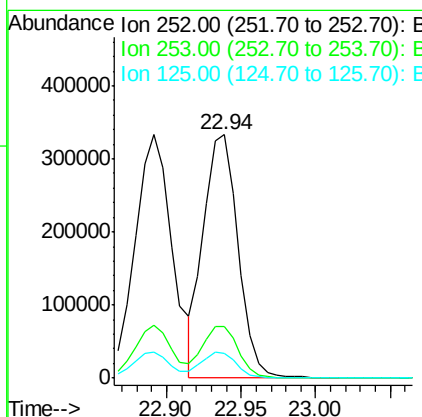
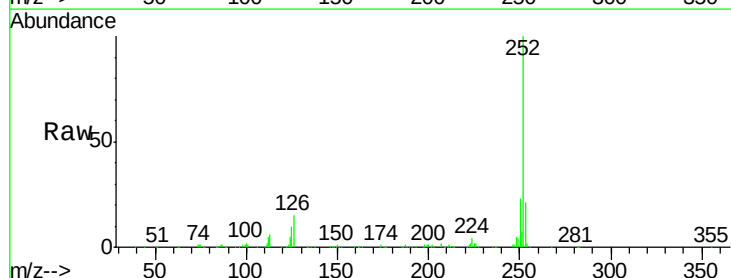
RT: 22.94 min Scan# 3375

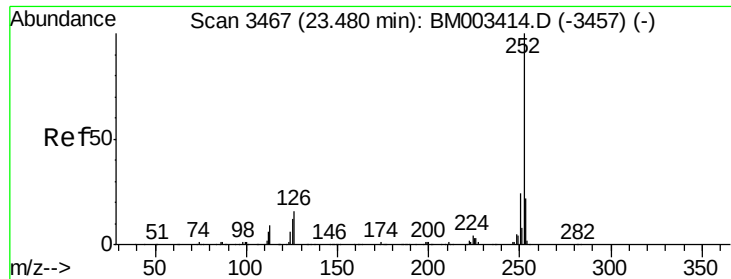
Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Tgt Ion:	252	Resp:	534772
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	10.3	8.1	12.1





#89

Benzo(a)pyrene

Concen: 38.86 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

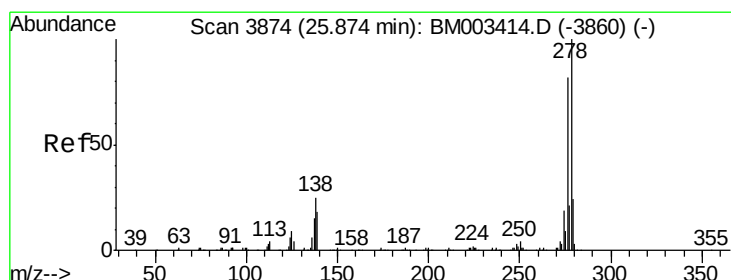
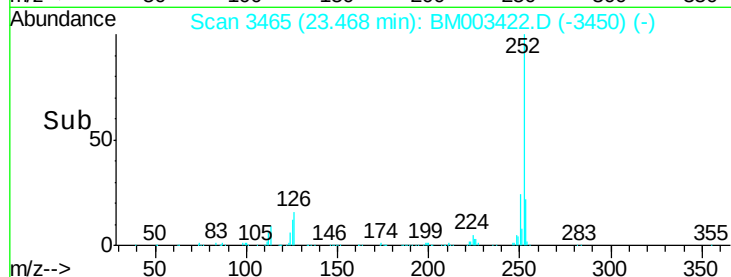
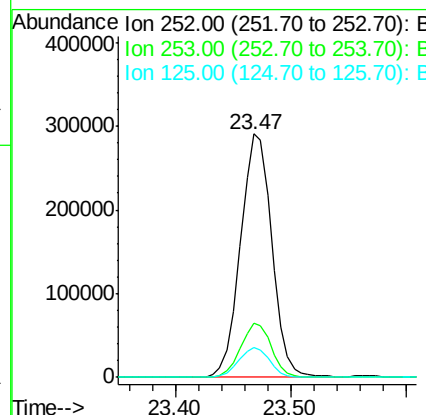
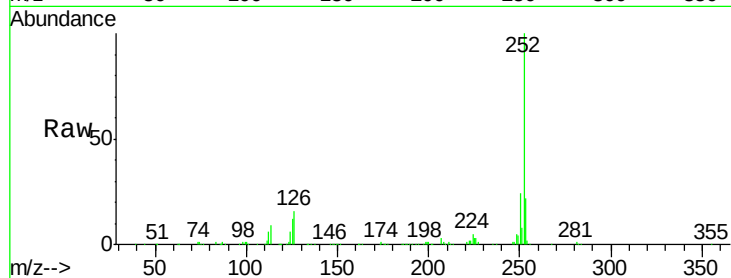
Instrument :

BNA_M

ClientSampleId :

PB87163BS

Tgt Ion:	252	Resp:	547523
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	12.3	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 40.83 ng

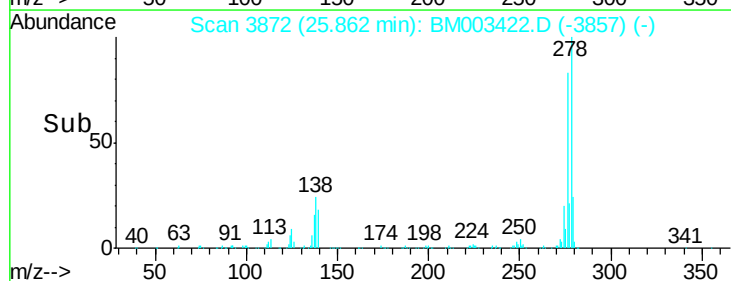
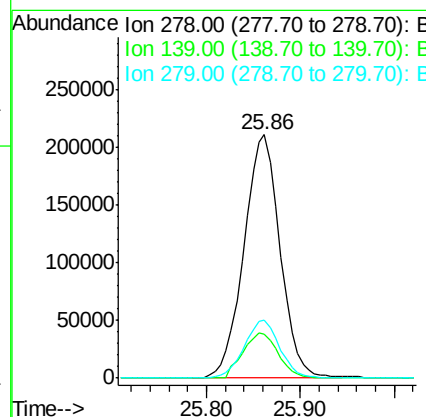
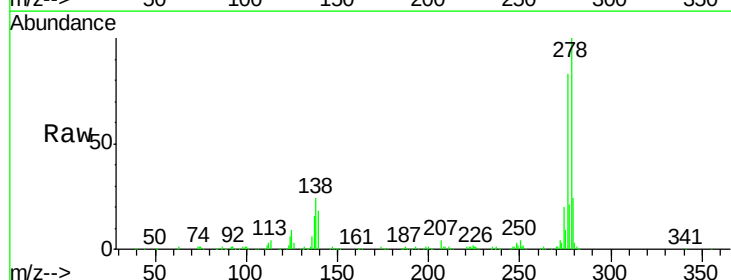
RT: 25.86 min Scan# 3872

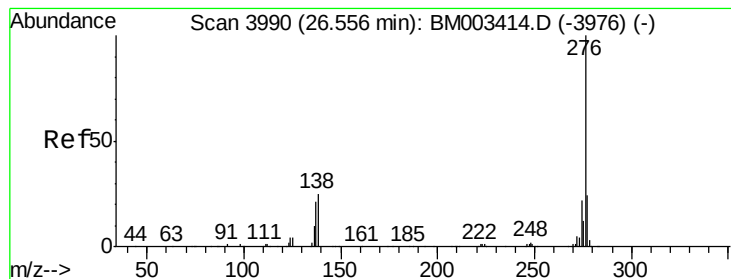
Delta R.T. -0.01 min

Lab File: BM003422.D

Acq: 09 Dec 2015 20:54

Tgt Ion:	278	Resp:	561741
Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.4	20.0
279	23.7	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 40.83 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003422.D

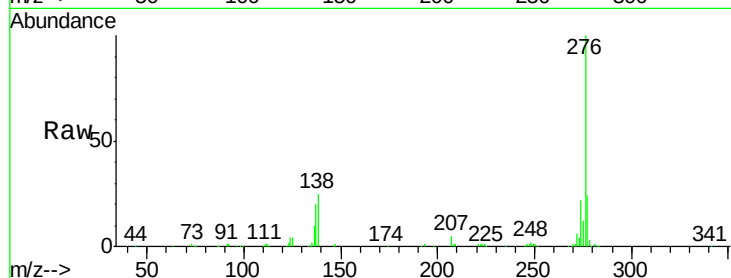
Acq: 09 Dec 2015 20:54

Instrument :

BNA_M

ClientSampleId :

PB87163BS



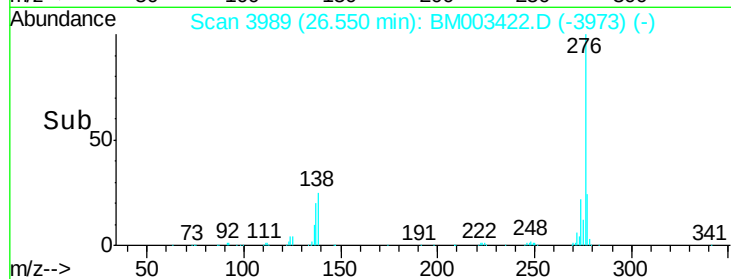
Tgt Ion: 276 Resp: 567504

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 24.5 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

