

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003423.D
 Acq On : 09 Dec 2015 21:30
 Operator : UM/IZ
 Sample : PB87163BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Quant Time: Dec 10 00:26:10 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	62502	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	254644	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	126481	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	242149	20.00	ng	0.00
75) Chrysene-d12	21.32	240	246113	20.00	ng	0.00
86) Perylene-d12	23.57	264	246258	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	388162	110.41	ng	0.00
7) Phenol-d6	6.89	99	490819	100.54	ng	0.00
23) Nitrobenzene-d5	8.88	82	288058	70.14	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	124778	98.78	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	670150	72.19	ng	0.00
78) Terphenyl-d14	19.76	244	664031	63.63	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.22	88	43694	29.95	ng	# 100
3) Pyridine	3.60	79	123754	30.29	ng	88
4) n-Nitrosodimethylamine	3.52	42	44472	33.99	ng	88
6) Aniline	7.05	93	127391	19.82	ng	95
8) 2-Chlorophenol	7.29	128	149673	33.62	ng	94
9) Benzaldehyde	6.86	77	75327	31.47	ng	95
10) Phenol	6.92	94	174488	33.69	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	130823	31.22	ng	97
12) 1,3-Dichlorobenzene	7.61	146	157604	32.23	ng	97
13) 1,4-Dichlorobenzene	7.76	146	160254	31.78	ng	96
14) 1,2-Dichlorobenzene	8.07	146	154377	32.06	ng	97
15) Benzyl Alcohol	7.96	79	113768	33.68	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	132192	29.53	ng	90
17) 2-Methylphenol	8.16	107	117890	32.55	ng	97
18) Hexachloroethane	8.80	117	55689	32.14	ng	91
19) n-Nitroso-di-n-propylamine	8.53	70	94793	29.60	ng	# 87
20) 3+4-Methylphenols	8.49	107	156311	31.20	ng	96
22) Acetophenone	8.54	105	201568	32.30	ng	# 90
24) Nitrobenzene	8.92	77	147872	33.30	ng	90
25) Isophorone	9.44	82	255081	30.71	ng	98
26) 2-Nitrophenol	9.63	139	71675	31.91	ng	94
27) 2,4-Dimethylphenol	9.69	122	131956	33.74	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	168885	33.83	ng	99
29) 2,4-Dichlorophenol	10.16	162	129253	34.70	ng	99
30) 1,2,4-Trichlorobenzene	10.38	180	140115	33.69	ng	98
31) Naphthalene	10.56	128	441929	33.17	ng	99
32) Benzoic acid	9.80	122	54426	26.35	ng	97
33) 4-Chloroaniline	10.67	127	49112	8.93	ng	96
34) Hexachlorobutadiene	10.85	225	82741	33.55	ng	98
35) Caprolactam	11.43	113	32853	26.68	ng	# 75
36) 4-Chloro-3-methylphenol	11.80	107	126661	30.15	ng	89
37) 2-Methylnaphthalene	12.18	142	310952	34.02	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	145765	35.85	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	180697	79.67	ng	98

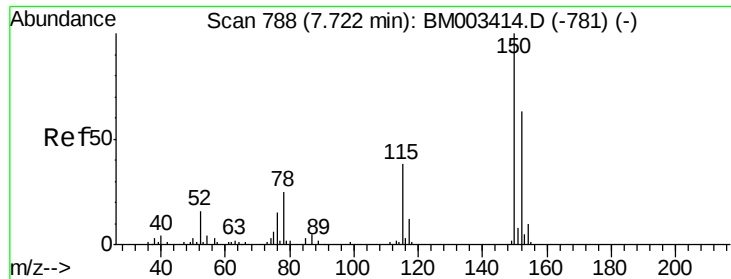
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	91136	34.36	ng	98
43) 2,4,5-Trichlorophenol	12.86	196	97841	35.10	ng	# 88
45) 1,1'-Biphenyl	13.20	154	380860	33.96	ng	98
46) 2-Chloronaphthalene	13.24	162	287674	34.92	ng	# 93
47) 2-Nitroaniline	13.45	65	64693	31.66	ng	95
48) Acenaphthylene	14.09	152	459301	33.44	ng	99
49) Dimethylphthalate	13.83	163	330098	31.67	ng	99
50) 2,6-Dinitrotoluene	13.95	165	70499	32.42	ng	94
51) Acenaphthene	14.44	154	269344	33.84	ng	100
52) 3-Nitroaniline	14.28	138	34097	15.32	ng	88
53) 2,4-Dinitrophenol	14.49	184	58702	50.51	ng	# 80
54) Dibenzofuran	14.77	168	421075	36.63	ng	95
55) 4-Nitrophenol	14.59	139	115587	62.89	ng	81
56) 2,4-Dinitrotoluene	14.74	165	92976	32.95	ng	# 73
57) Fluorene	15.42	166	321428	33.73	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	79340	37.03	ng	# 100
59) Diethylphthalate	15.20	149	319524	31.22	ng	98
60) 4-Chlorophenyl-phenylether	15.42	204	158264	32.84	ng	95
61) 4-Nitroaniline	15.44	138	68590	30.18	ng	# 76
62) Azobenzene	15.71	77	287537	35.84	ng	98
64) 4,6-Dinitro-2-methylphenol	15.50	198	42958	29.40	ng	83
65) n-Nitrosodiphenylamine	15.63	169	274289	35.83	ng	99
66) 4-Bromophenyl-phenylether	16.32	248	89206	34.17	ng	# 87
67) Hexachlorobenzene	16.43	284	97748	34.85	ng	# 81
68) Atrazine	16.59	200	85958	36.00	ng	97
69) Pentachlorophenol	16.77	266	105543	65.91	ng	98
70) Phenanthrene	17.16	178	478351	35.20	ng	99
71) Anthracene	17.26	178	475663	35.23	ng	99
72) Carbazole	17.53	167	426113	36.23	ng	99
73) Di-n-butylphthalate	18.09	149	468863	34.10	ng	99
74) Fluoranthene	19.19	202	500106	35.69	ng	97
76) Benzidine	19.37	184	158791	20.14	ng	98
77) Pyrene	19.55	202	531778	30.81	ng	100
79) Butylbenzylphthalate	20.46	149	197987	29.79	ng	96
80) Benzo(a)anthracene	21.30	228	501687	34.00	ng	100
81) 3,3'-Dichlorobenzidine	21.24	252	92172	19.62	ng	98
82) Chrysene	21.35	228	457199	32.19	ng	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	289403	31.75	ng	99
84) Di-n-octyl phthalate	22.11	149	520709	34.57	ng	# 94
85) Indeno(1,2,3-cd)pyrene	25.85	276	592717	39.72	ng	# 100
87) Benzo(b)fluoranthene	22.89	252	508245	33.95	ng	98
88) Benzo(k)fluoranthene	22.94	252	492937	33.73	ng	99
89) Benzo(a)pyrene	23.47	252	489945	34.80	ng	# 97
90) Dibenzo(a,h)anthracene	25.86	278	501355	36.47	ng	99
91) Benzo(g,h,i)perylene	26.54	276	501193	36.09	ng	99

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

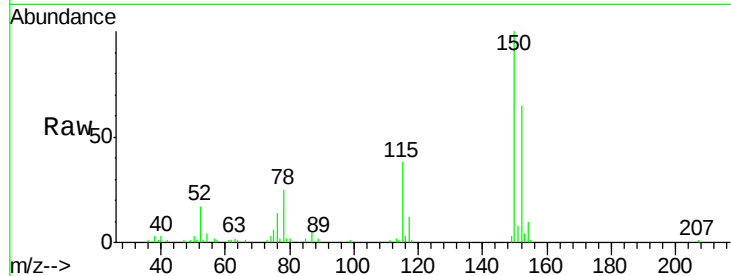


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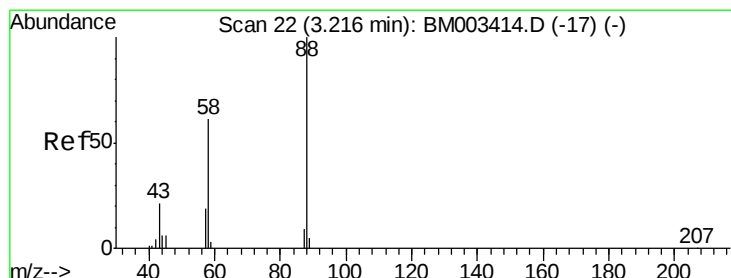
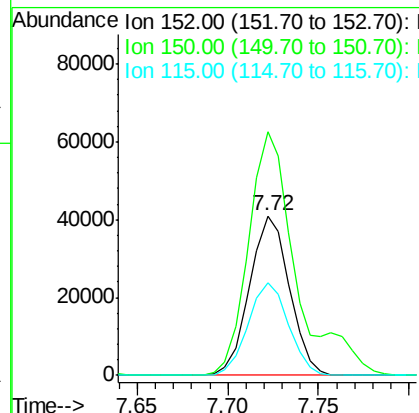
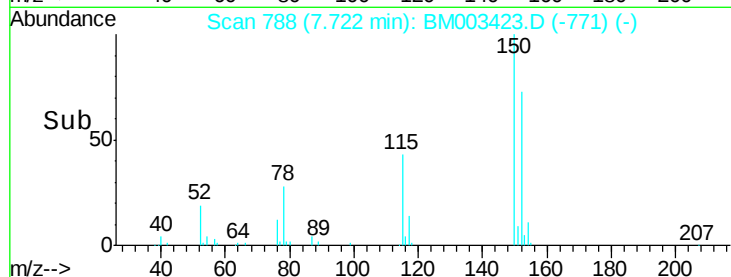
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Instrument :
BNA_M
ClientSampleId :
PB87163BSD

Tgt Ion:152 Resp: 62502
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 58.3 43.0 64.4



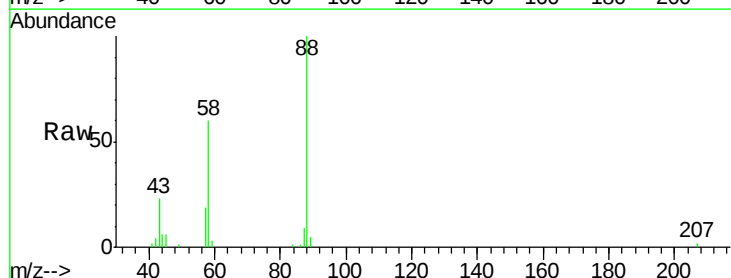
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



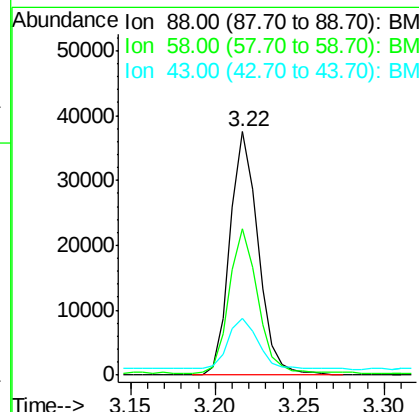
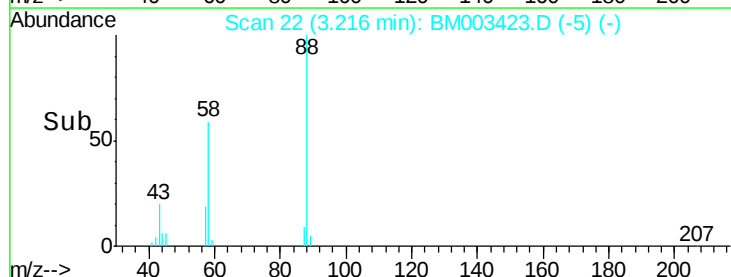
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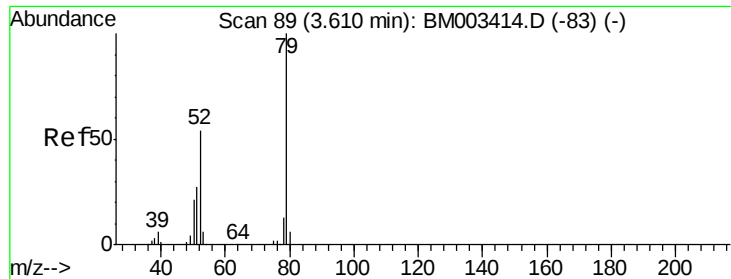
1,4-Dioxane
Concen: 29.95 ng
RT: 3.22 min Scan# 22
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion: 88 Resp: 43694
Ion Ratio Lower Upper
88 100
58 59.9 0.0 0.0#
43 22.2 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: 30.29 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

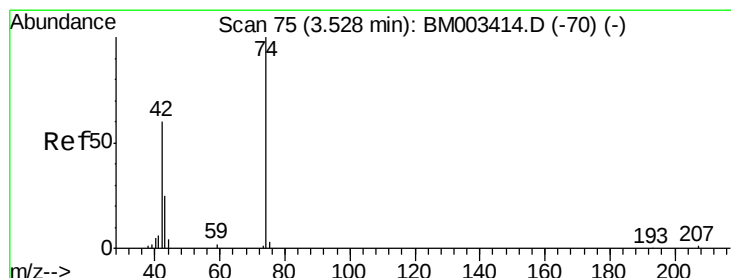
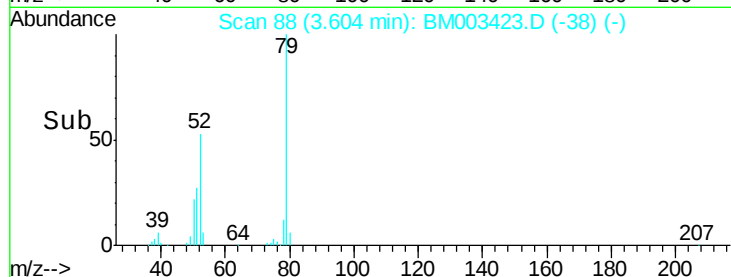
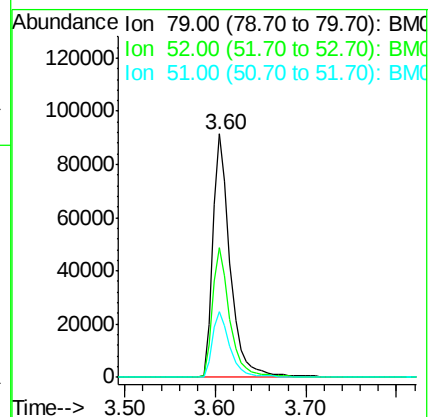
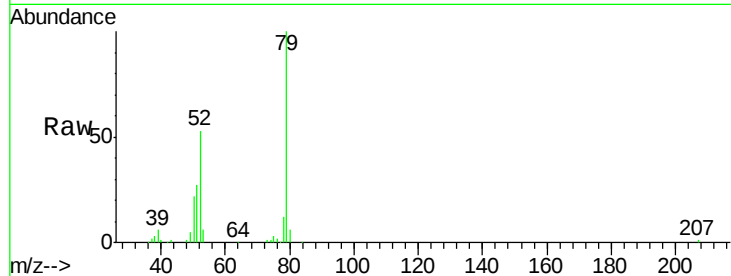
Tgt Ion: 79 Resp: 123754

Ion Ratio Lower Upper

79 100

52 53.3 51.1 76.7

51 27.2 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 33.99 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

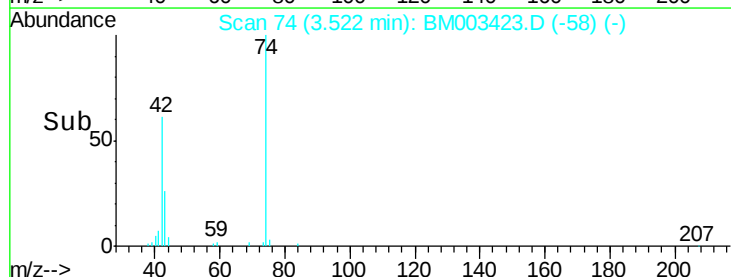
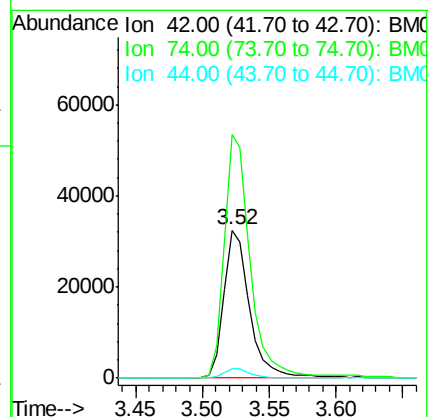
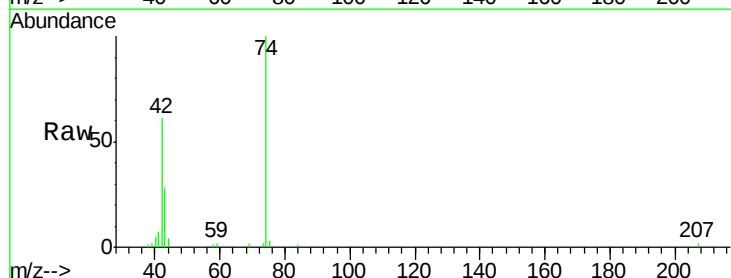
Tgt Ion: 42 Resp: 44472

Ion Ratio Lower Upper

42 100

74 164.3 119.3 178.9

44 6.5 5.4 8.2





#5

2-Fluorophenol

Concen: 110.41 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

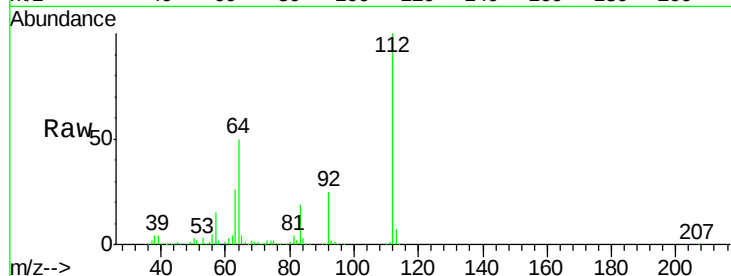
Tgt Ion: 112 Resp: 388162

Ion Ratio Lower Upper

112 100

64 50.5 38.6 57.8

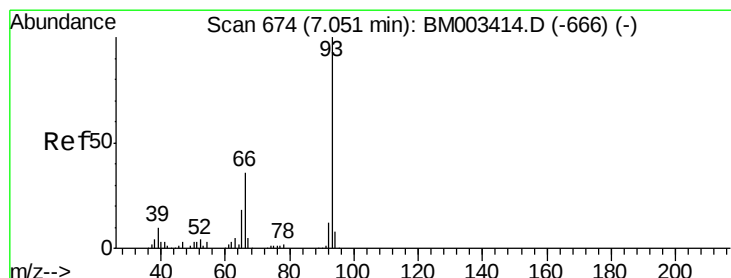
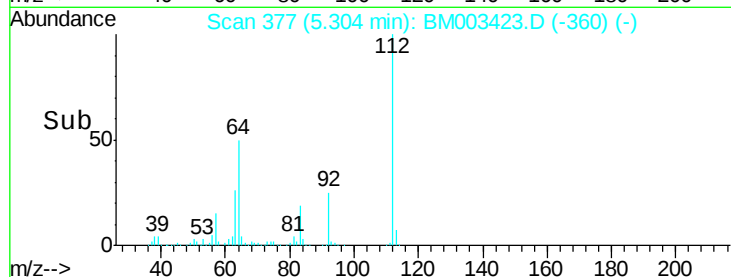
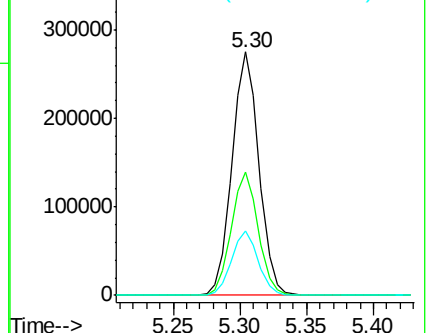
63 26.2 19.3 28.9



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: 19.82 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

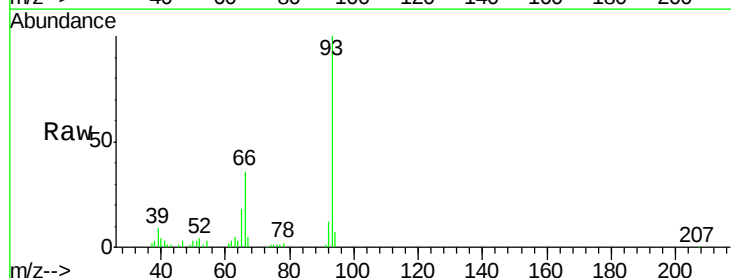
Tgt Ion: 93 Resp: 127391

Ion Ratio Lower Upper

93 100

66 35.6 30.8 46.2

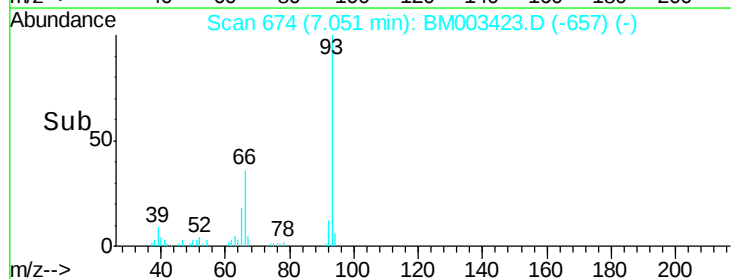
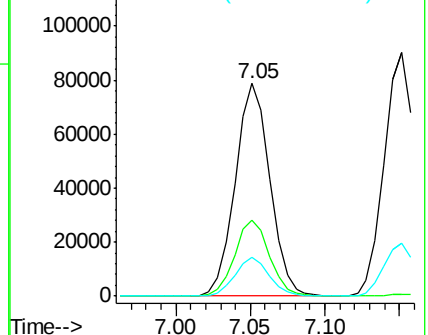
65 18.2 16.0 24.0

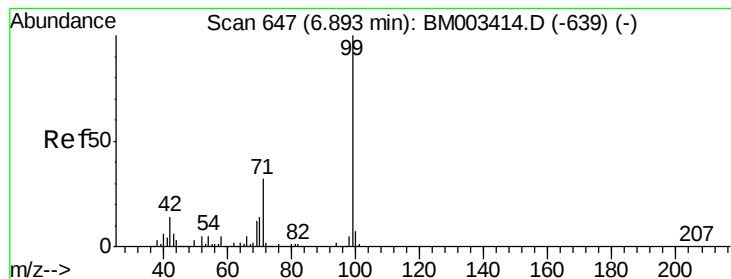


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 100.54 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

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ClientSampleId :

PB87163BSD

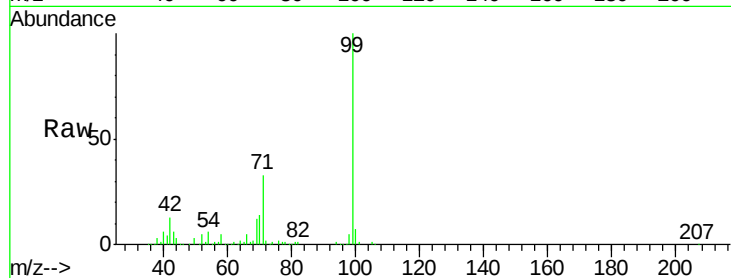
Tgt Ion: 99 Resp: 490819

Ion Ratio Lower Upper

99 100

42 13.3 11.0 16.4

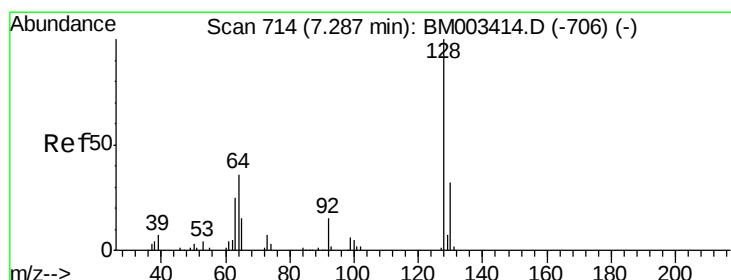
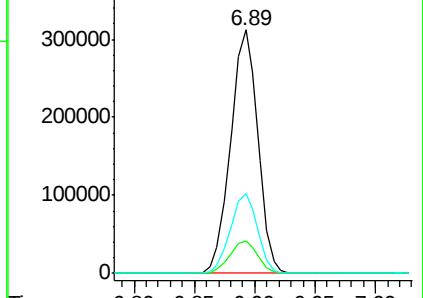
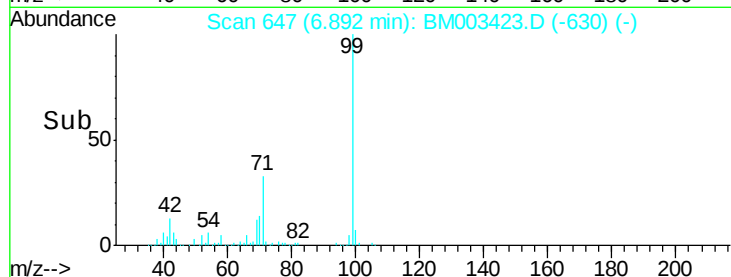
71 32.9 23.4 35.2



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: 33.62 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

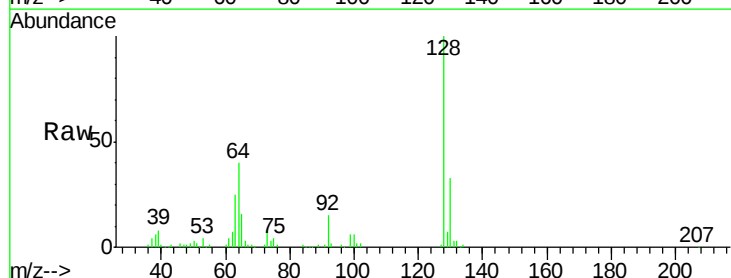
Tgt Ion: 128 Resp: 149673

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

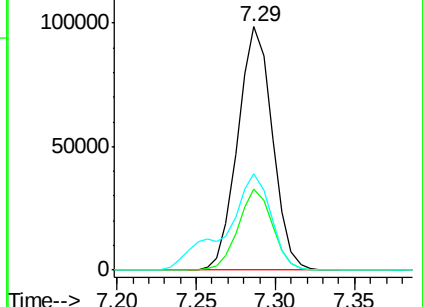
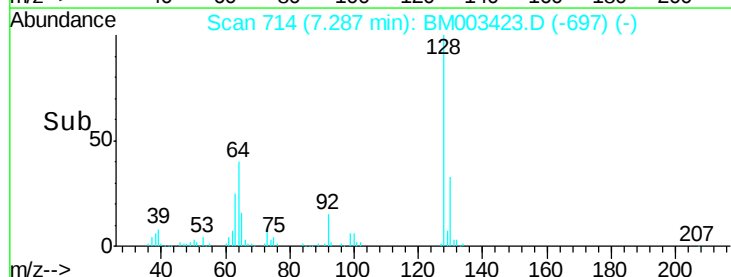
64 39.8 24.9 64.9

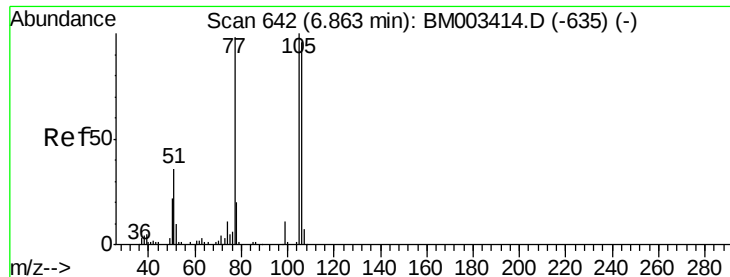


Abundance Ion 128.00 (127.70 to 128.70): BM003414.D (-706) (-)

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: 31.47 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

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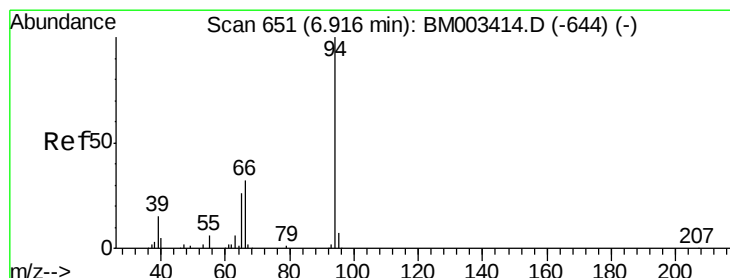
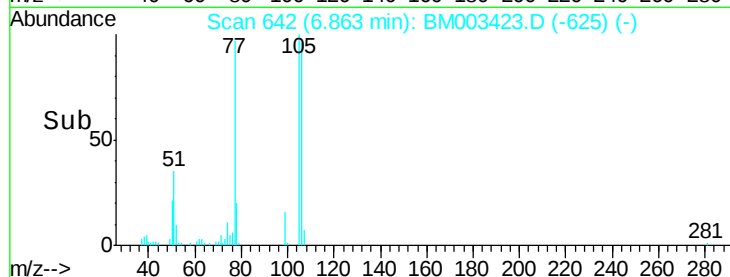
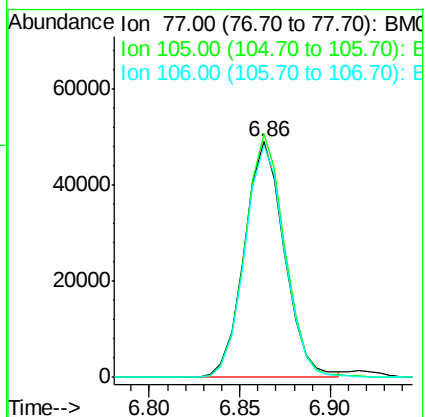
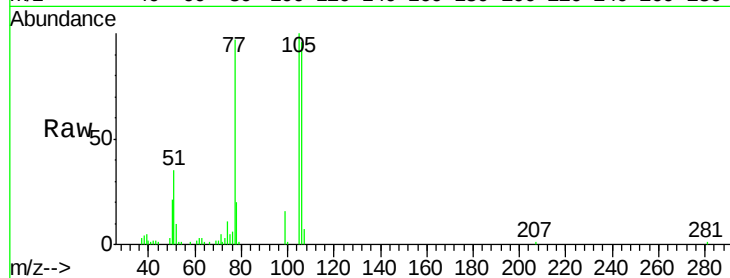
Tgt Ion: 77 Resp: 75327

Ion Ratio Lower Upper

77 100

105 103.3 78.8 118.8

106 98.7 73.7 113.7



#10

Phenol

Concen: 33.69 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

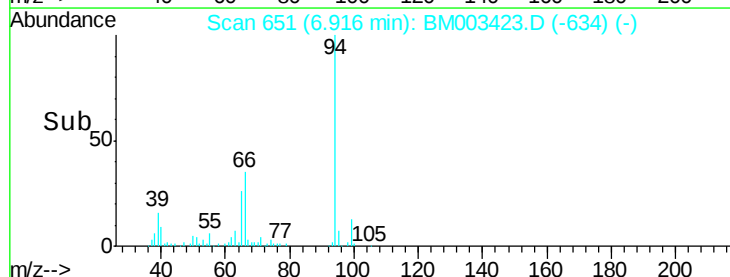
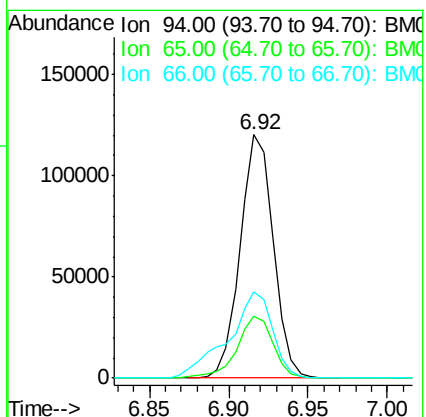
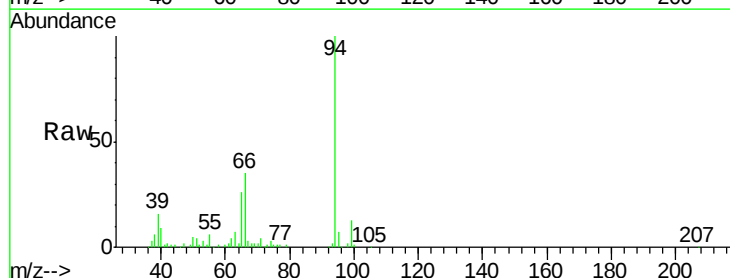
Tgt Ion: 94 Resp: 174488

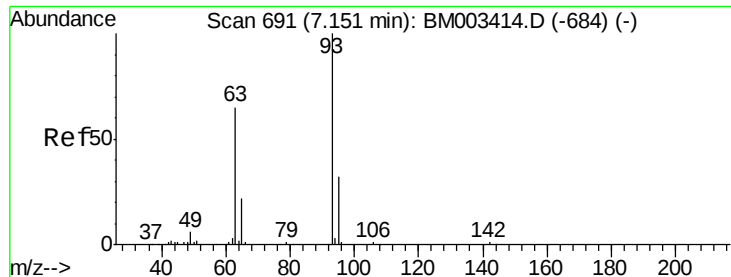
Ion Ratio Lower Upper

94 100

65 25.5 18.8 58.8

66 35.5 39.9 79.9#

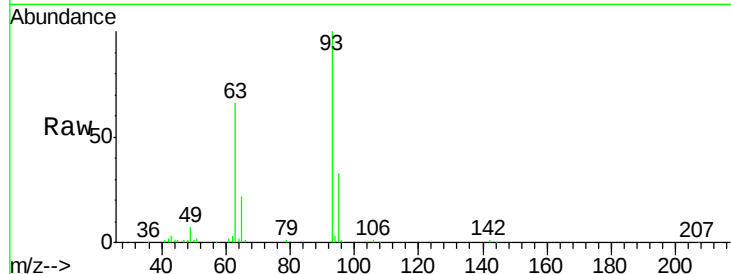




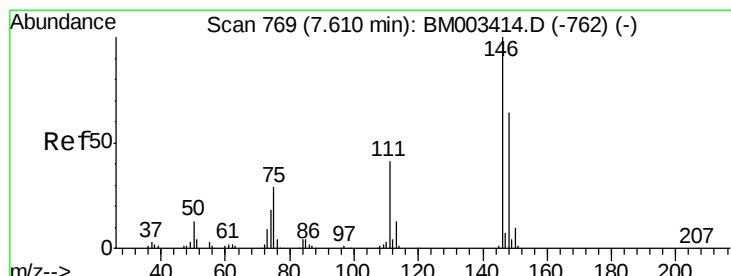
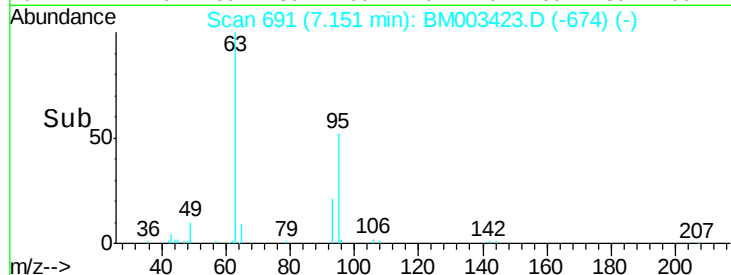
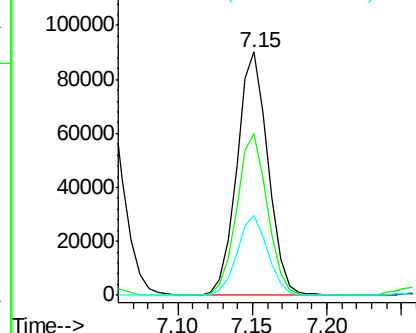
#11
 bis(2-Chloroethyl)ether
 Concen: 31.22 ng
 RT: 7.15 min Scan# 691
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion: 93 Resp: 130823
 Ion Ratio Lower Upper
 93 100
 63 66.5 49.5 89.5
 95 32.5 13.5 53.5

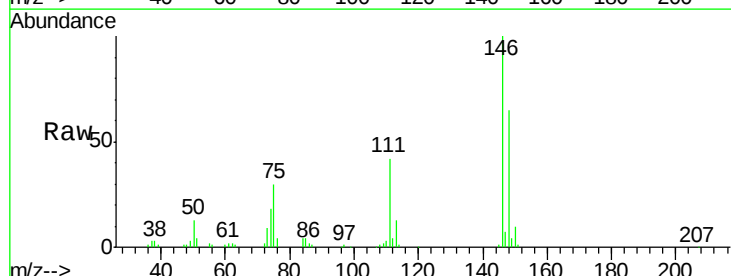


Abundance Ion 93.00 (92.70 to 93.70): BM003414.D (-684) (-)
 Ion 63.00 (62.70 to 63.70): BM003414.D (-684) (-)
 Ion 95.00 (94.70 to 95.70): BM003414.D (-684) (-)

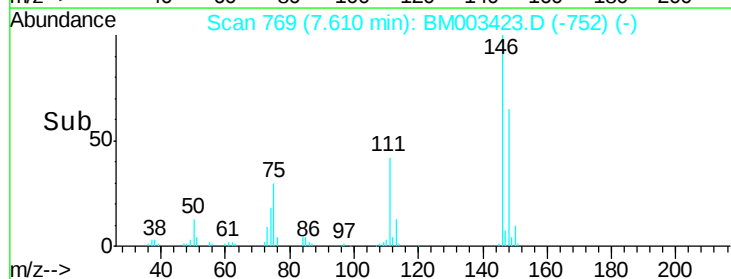
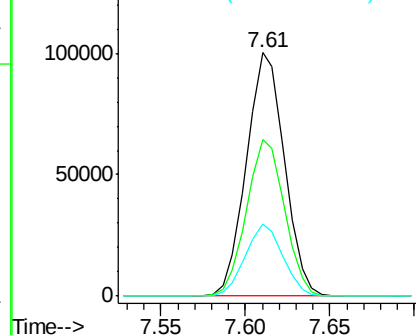


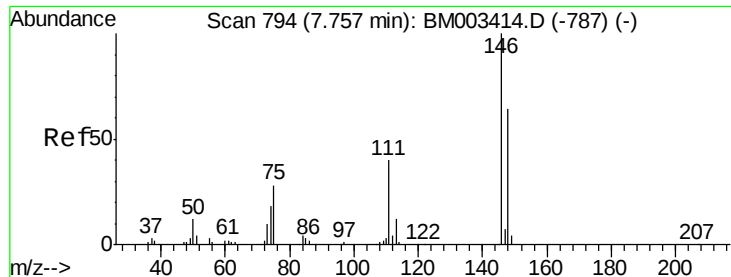
#12
 1,3-Dichlorobenzene
 Concen: 32.23 ng
 RT: 7.61 min Scan# 769
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion: 146 Resp: 157604
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.9 76.3
 75 29.8 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) (-)

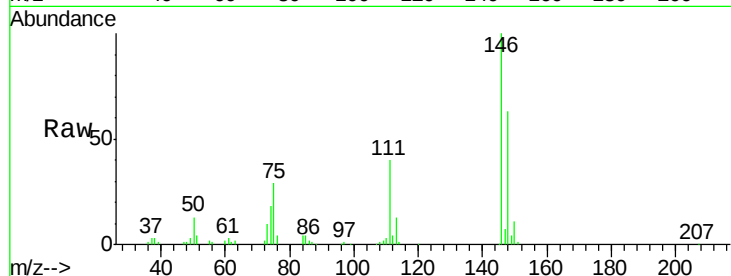




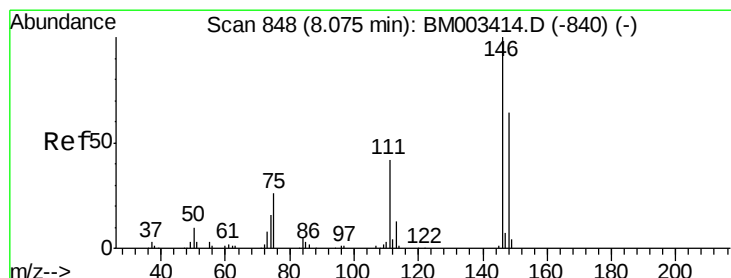
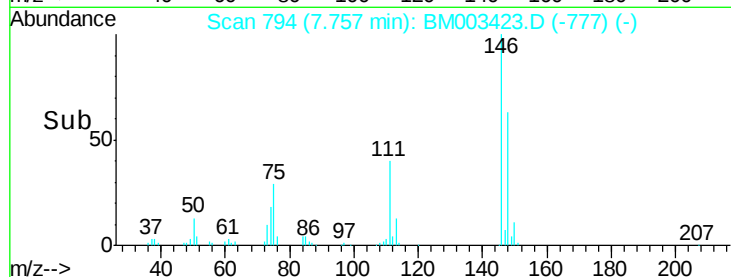
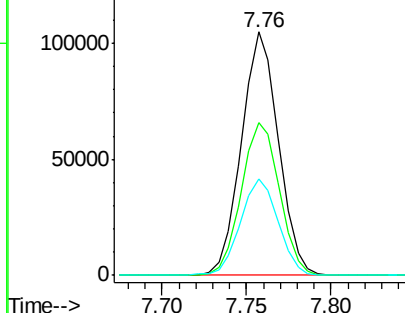
#13
 1,4-Dichlorobenzene
 Concen: 31.78 ng
 RT: 7.76 min Scan# 794
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:146 Resp: 160254
 Ion Ratio Lower Upper
 146 100
 148 62.6 51.9 77.9
 111 39.8 29.2 43.8

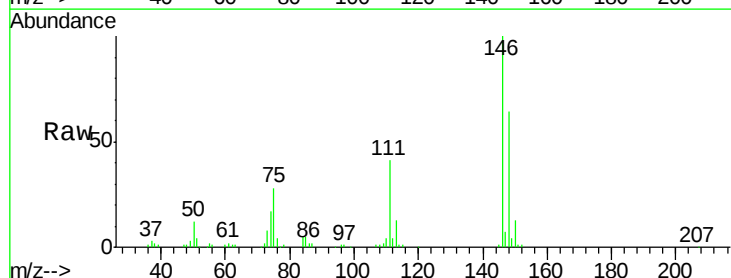


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

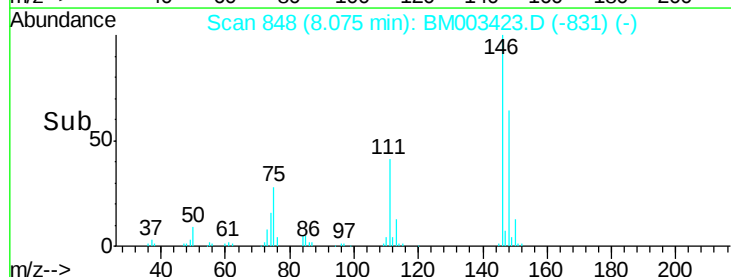
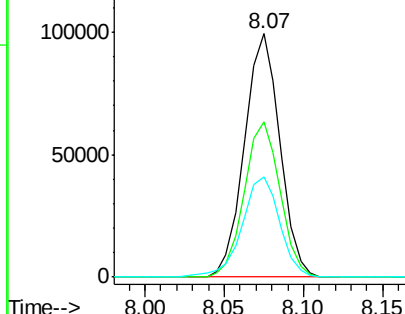


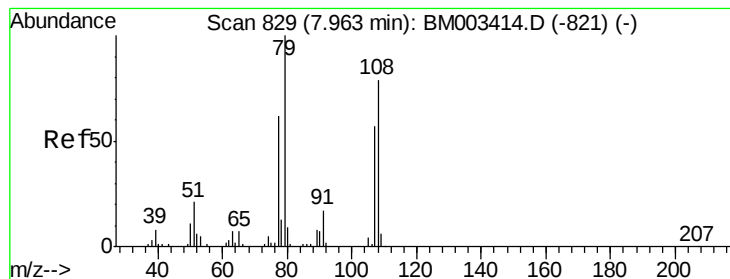
#14
 1,2-Dichlorobenzene
 Concen: 32.06 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:146 Resp: 154377
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.3 78.5
 111 41.4 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 33.68 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

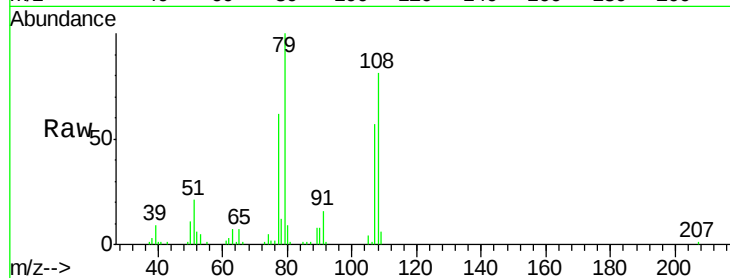
Tgt Ion: 79 Resp: 113768

Ion Ratio Lower Upper

79 100

108 81.3 65.0 97.4

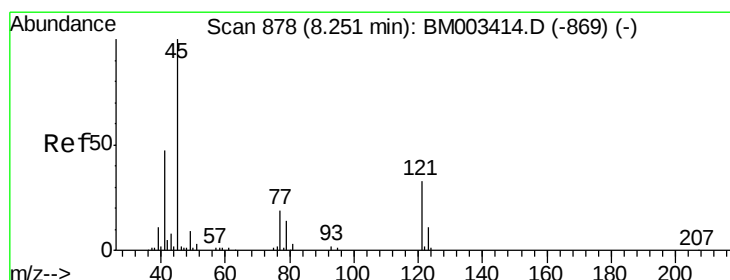
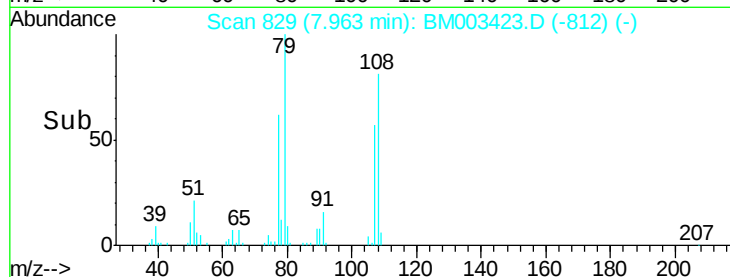
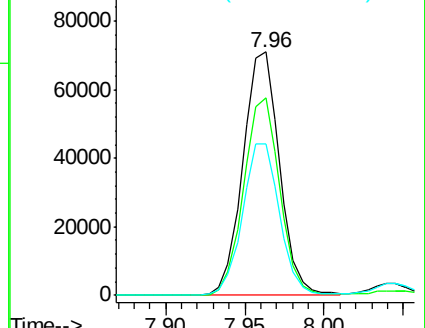
77 62.4 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM003414.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM003414.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM003414.D (-821) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.53 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

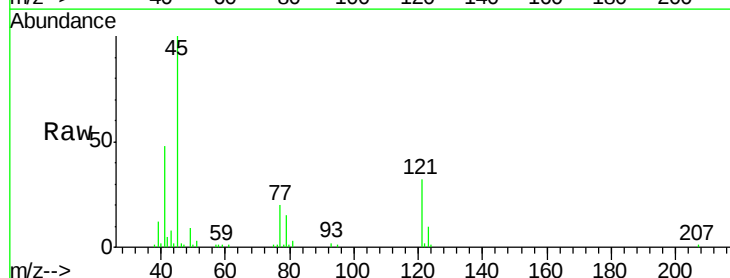
Tgt Ion: 45 Resp: 132192

Ion Ratio Lower Upper

45 100

77 19.7 0.0 35.2

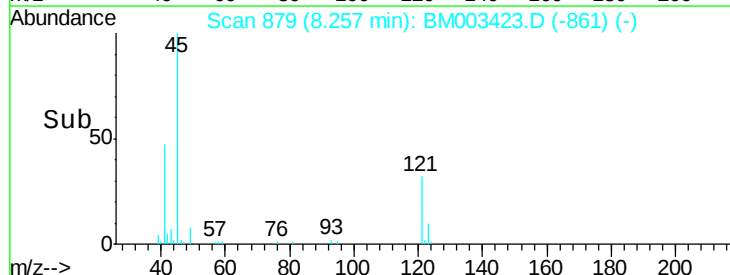
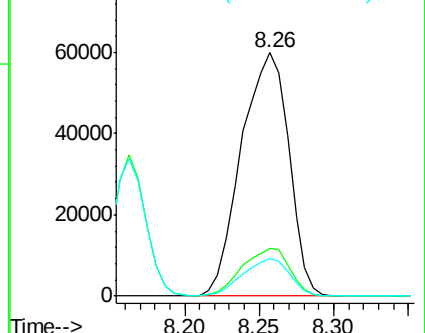
79 15.3 0.0 32.0

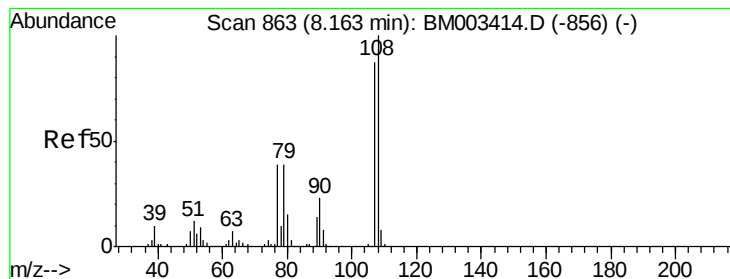


Abundance Ion 45.00 (44.70 to 45.70): BM003414.D (-869) (-)

Ion 77.00 (76.70 to 77.70): BM003414.D (-869) (-)

Ion 79.00 (78.70 to 79.70): BM003414.D (-869) (-)





#17

2-Methylphenol

Concen: 32.55 ng

RT: 8.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

Tgt Ion:107 Resp: 117890

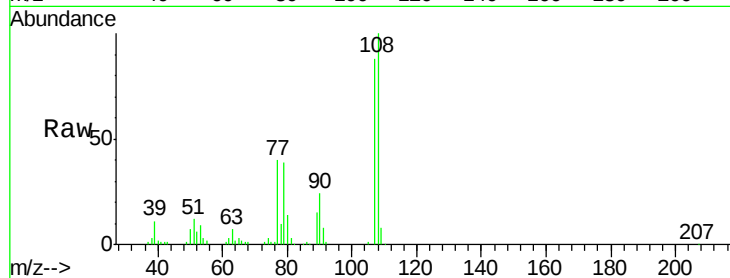
Ion Ratio Lower Upper

107 100

108 113.7 89.8 134.8

77 45.3 32.6 48.8

79 44.0 32.8 49.2

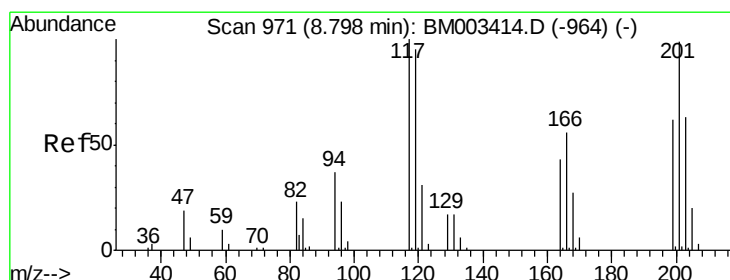
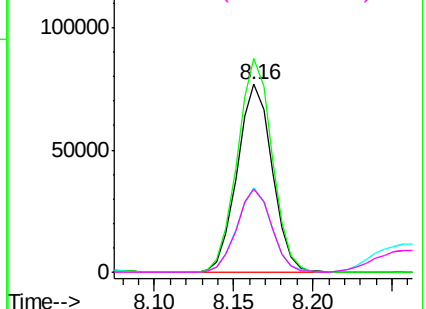
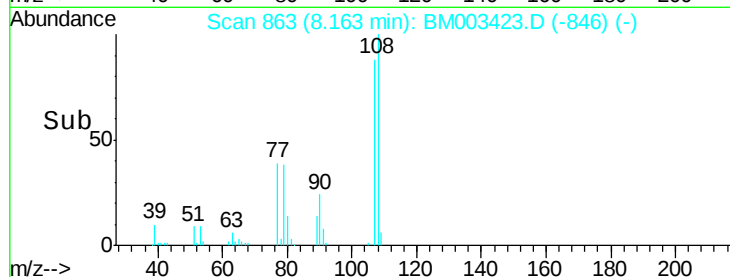


Abundance Ion 107.00 (106.70 to 107.70): E

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: 32.14 ng

RT: 8.80 min Scan# 971

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

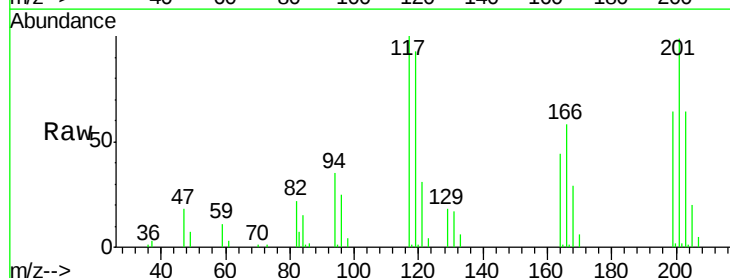
Tgt Ion:117 Resp: 55689

Ion Ratio Lower Upper

117 100

119 92.7 79.2 118.8

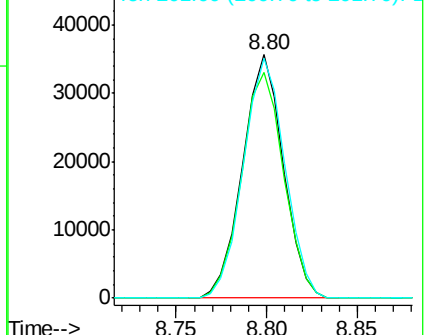
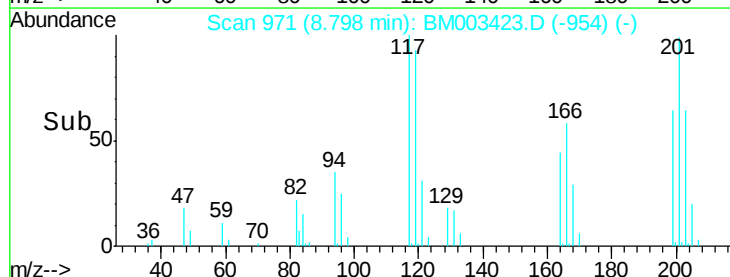
201 98.6 69.8 104.6

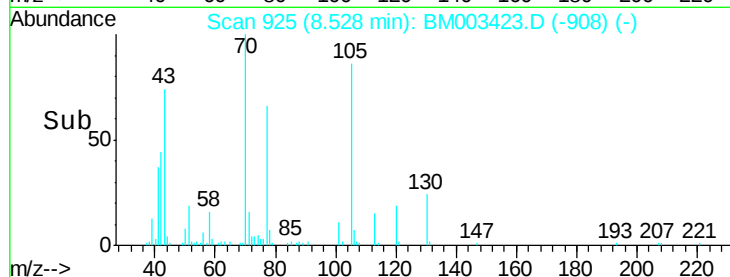
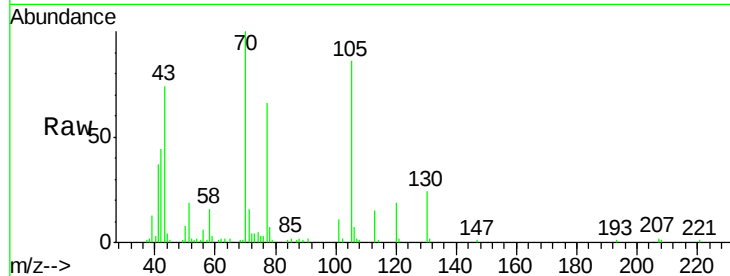
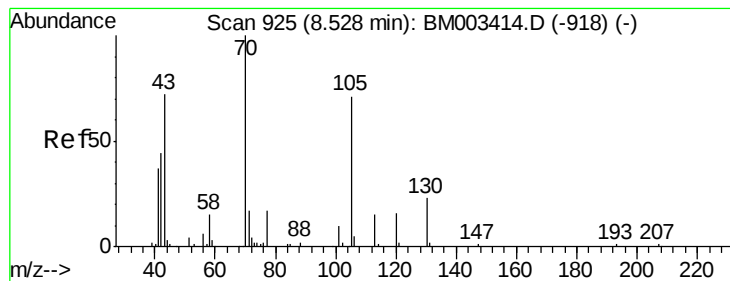


Abundance Ion 117.00 (116.70 to 117.70): E

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: 29.60 ng

RT: 8.53 min Scan# 925

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

Tgt Ion: 70 Resp: 94793

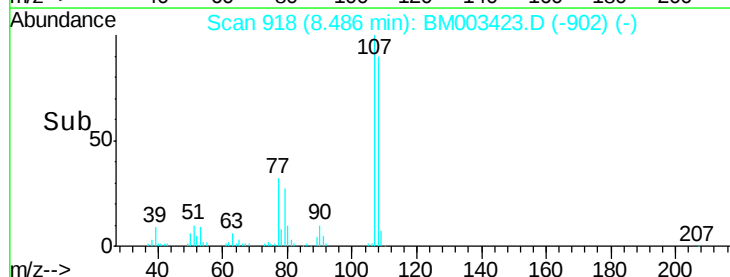
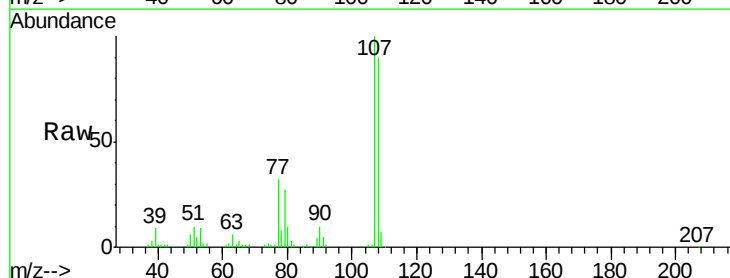
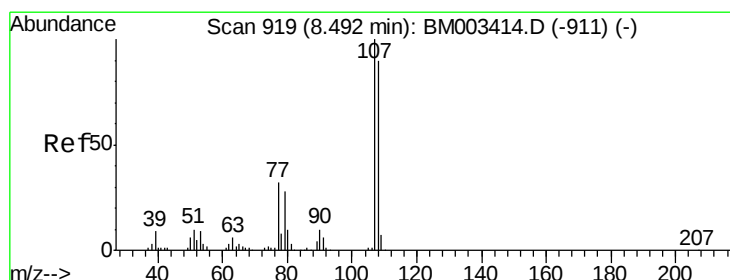
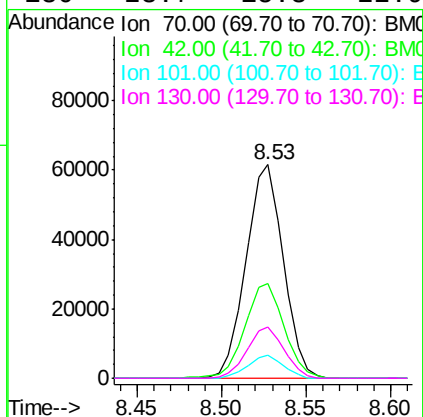
Ion Ratio Lower Upper

70 100

42 44.3 44.5 66.7#

101 10.5 7.4 11.2

130 23.7 15.3 22.9#



#20

3+4-Methylphenols

Concen: 31.20 ng

RT: 8.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Tgt Ion: 107 Resp: 156311

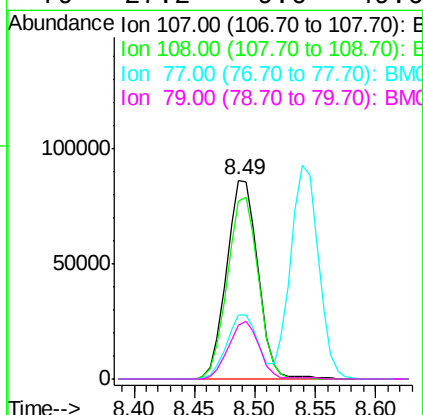
Ion Ratio Lower Upper

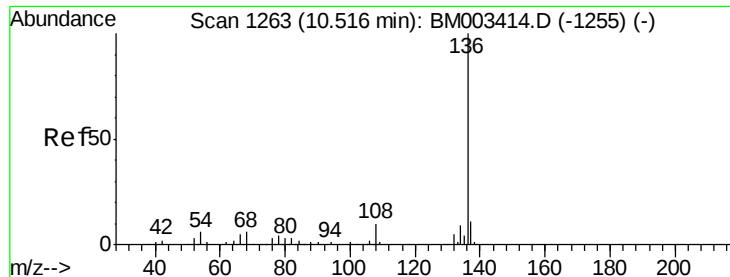
107 100

108 89.5 73.2 113.2

77 32.0 10.7 50.7

79 27.2 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: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

Tgt Ion:136 Resp: 254644

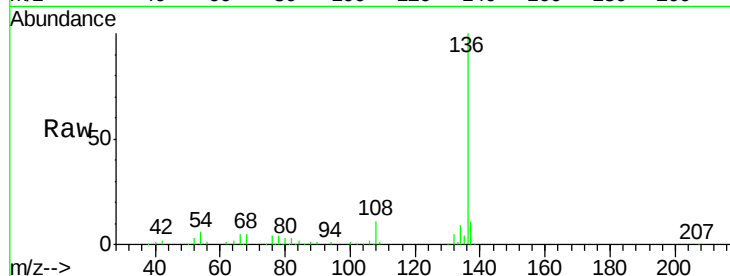
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.9 4.6 6.8

68 5.5 3.7 5.5

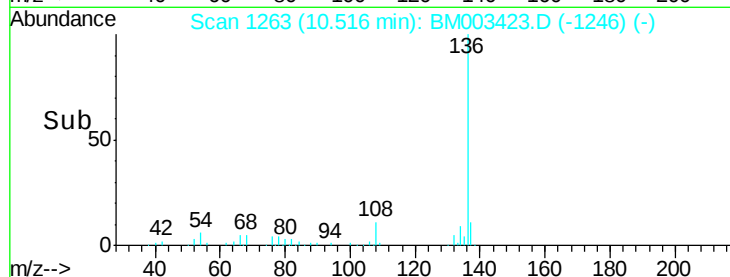


Abundance Ion 136.00 (135.70 to 136.70): E

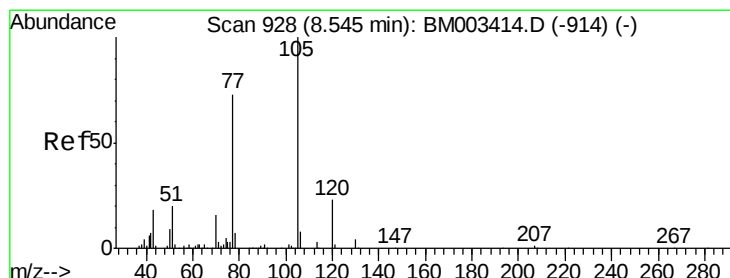
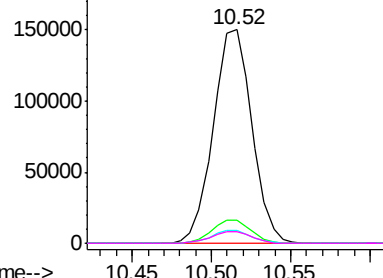
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->



#22

Acetophenone

Concen: 32.30 ng

RT: 8.54 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Tgt Ion:105 Resp: 201568

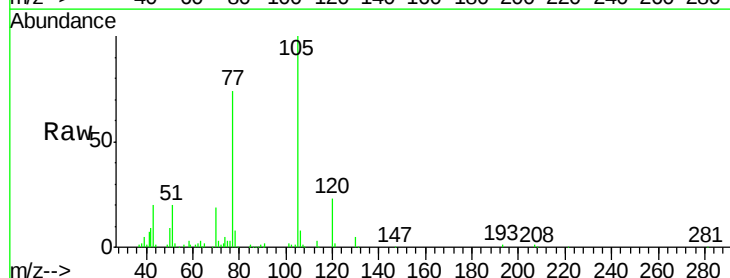
Ion Ratio Lower Upper

105 100

71 3.0 0.6 1.0#

51 20.1 21.6 32.4#

120 22.9 16.1 24.1

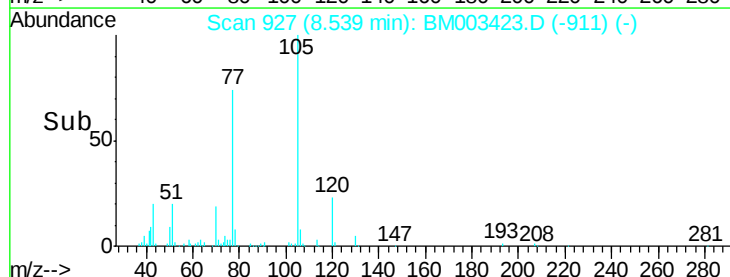


Abundance Ion 105.00 (104.70 to 105.70): E

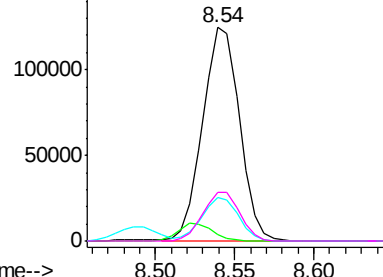
Ion 71.00 (70.70 to 71.70): BM

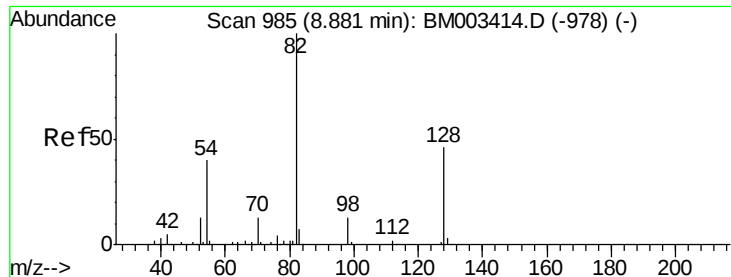
Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

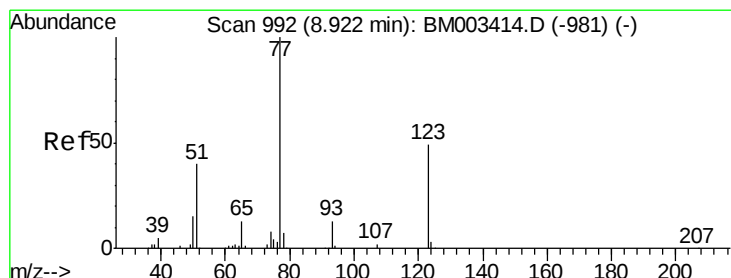
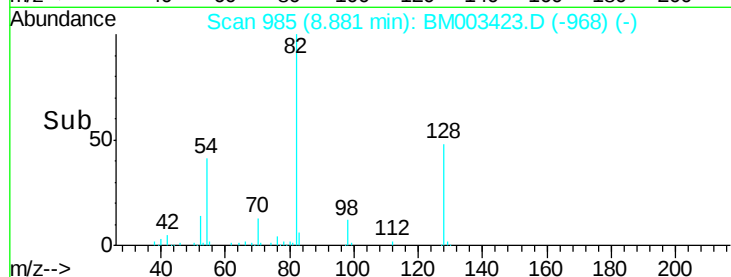
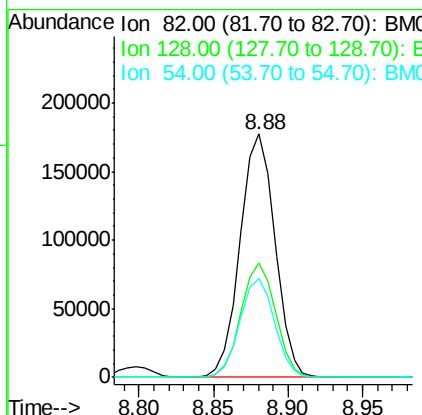
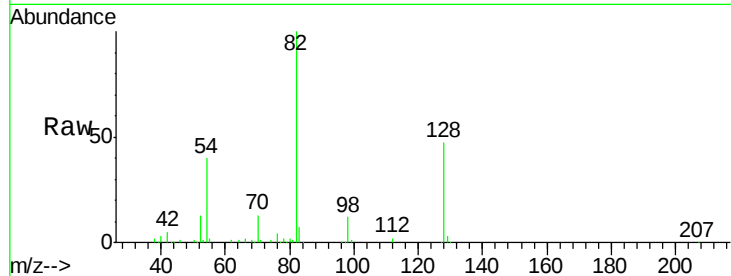




#23
Nitrobenzene-d5
Concen: 70.14 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

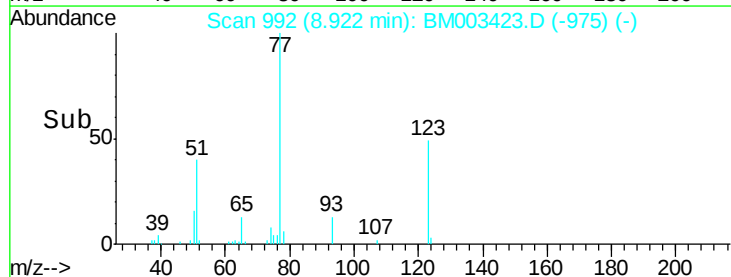
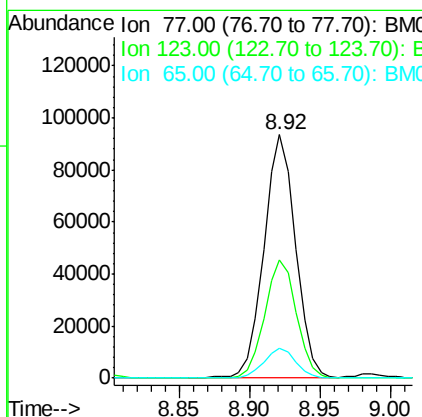
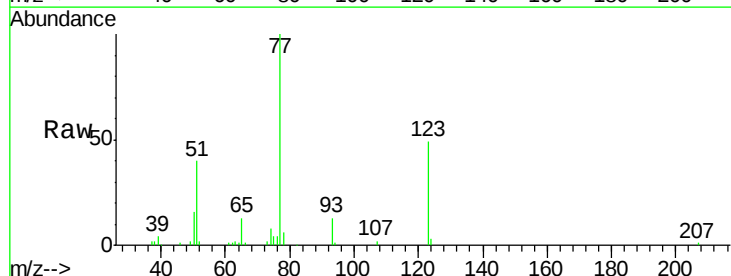
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

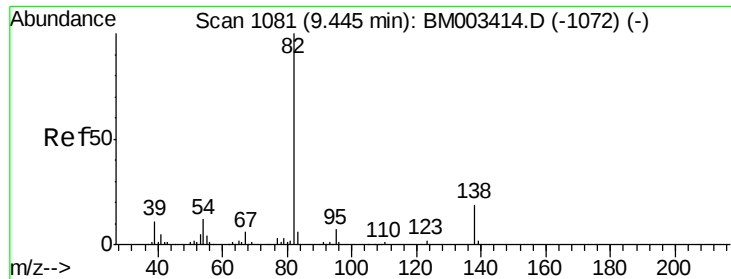
Tgt Ion: 82 Resp: 288058
Ion Ratio Lower Upper
82 100
128 47.1 32.8 49.2
54 40.5 40.6 60.8#



#24
Nitrobenzene
Concen: 33.30 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion: 77 Resp: 147872
Ion Ratio Lower Upper
77 100
123 48.6 32.6 49.0
65 12.5 10.9 16.3





#25

Isophorone

Concen: 30.71 ng

RT: 9.44 min Scan# 1080

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

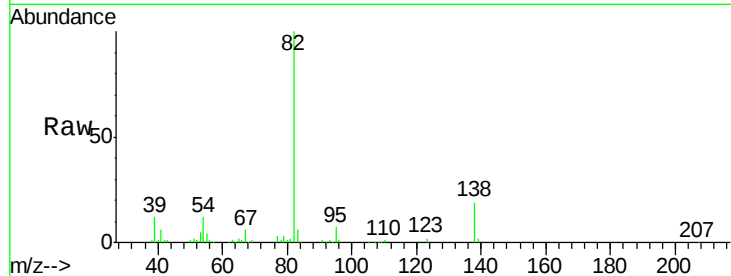
Tgt Ion: 82 Resp: 255081

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.6

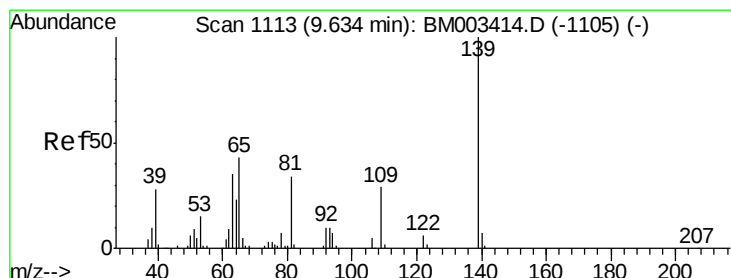
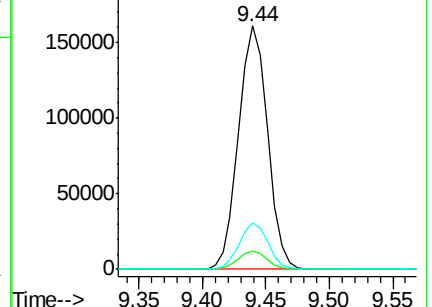
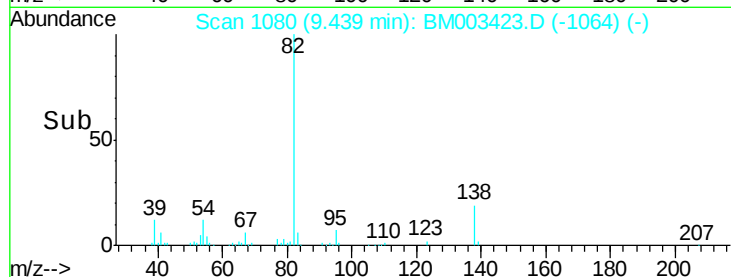
138 19.2 16.3 24.5



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

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

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



#26

2-Nitrophenol

Concen: 31.91 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

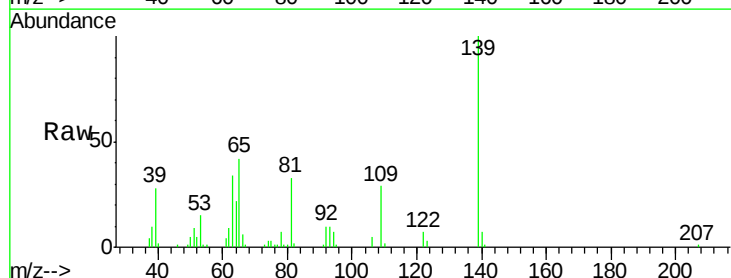
Tgt Ion: 139 Resp: 71675

Ion Ratio Lower Upper

139 100

109 29.1 20.1 30.1

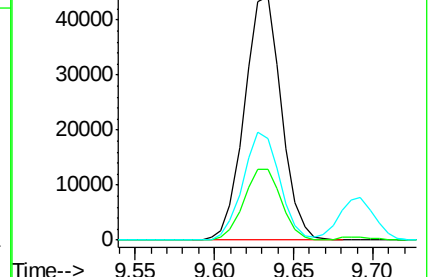
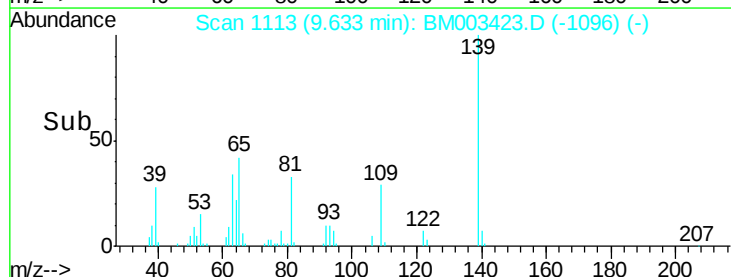
65 41.9 31.5 47.3

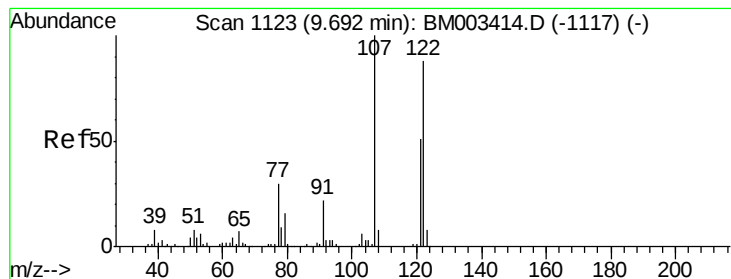


Abundance Ion 139.00 (138.70 to 139.70): BM003414.D (-1105) (-)

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

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

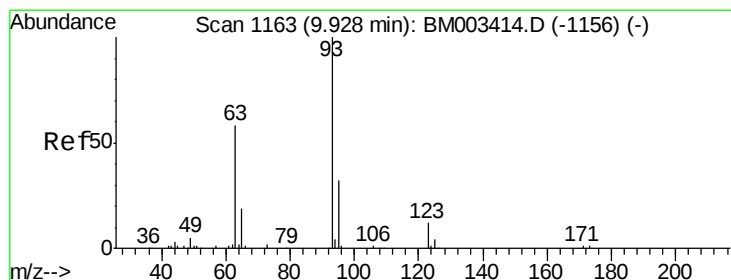
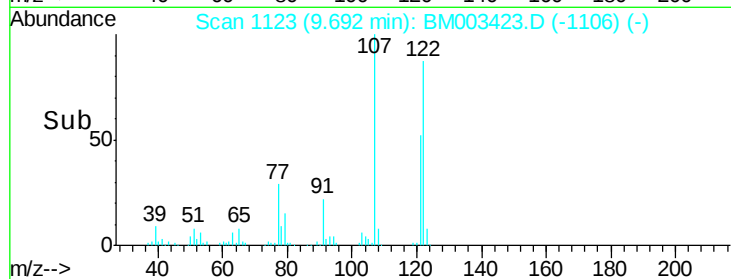
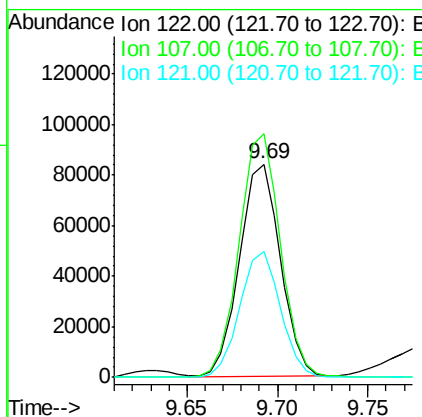
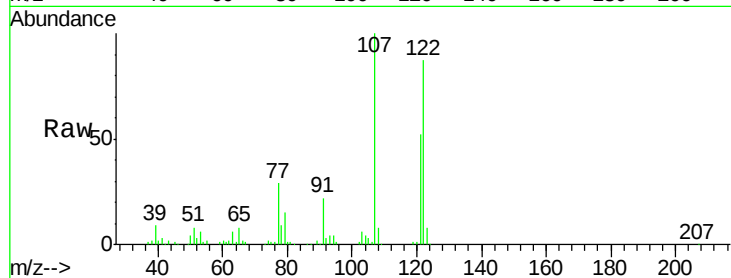




#27
 2,4-Dimethylphenol
 Concen: 33.74 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

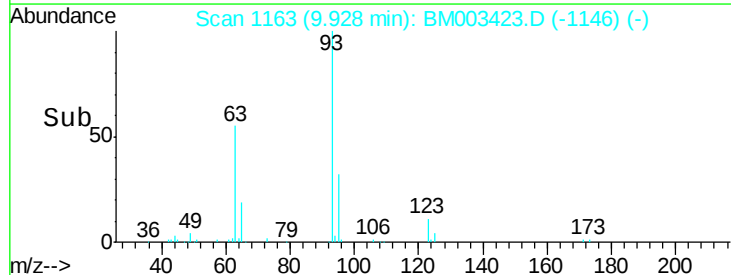
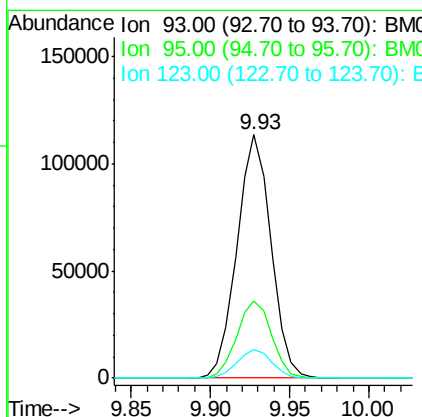
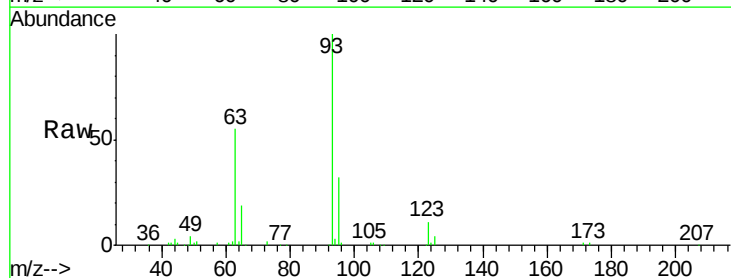
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

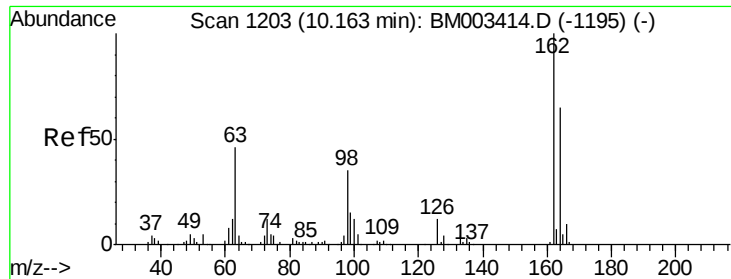
Tgt Ion:122 Resp: 131956
 Ion Ratio Lower Upper
 122 100
 107 114.4 84.7 127.1
 121 59.2 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 33.83 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion: 93 Resp: 168885
 Ion Ratio Lower Upper
 93 100
 95 31.9 25.5 38.3
 123 11.5 8.6 13.0

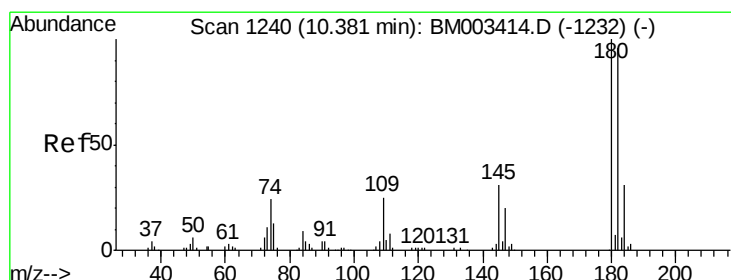
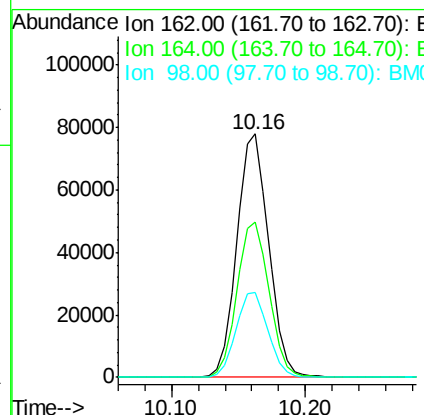
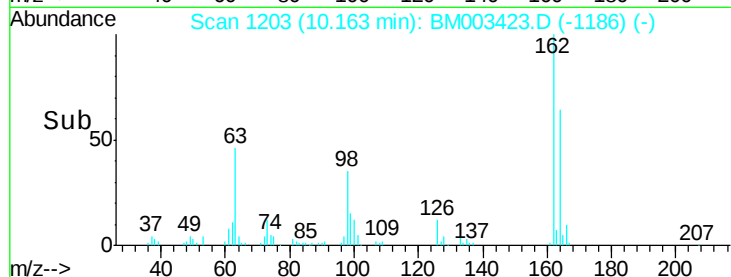
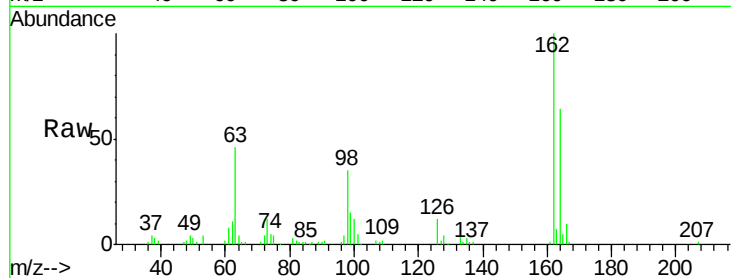




#29
 2,4-Dichlorophenol
 Concen: 34.70 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

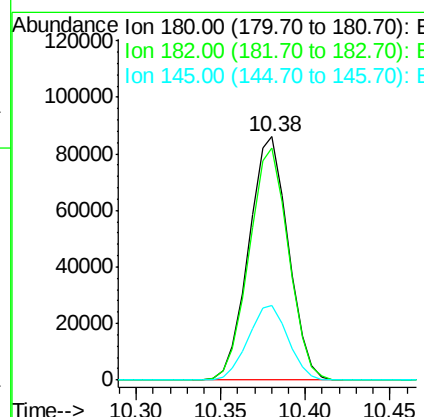
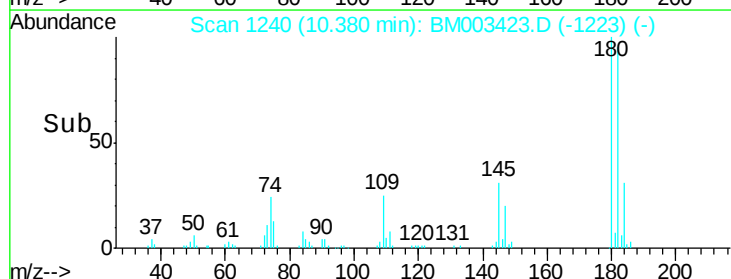
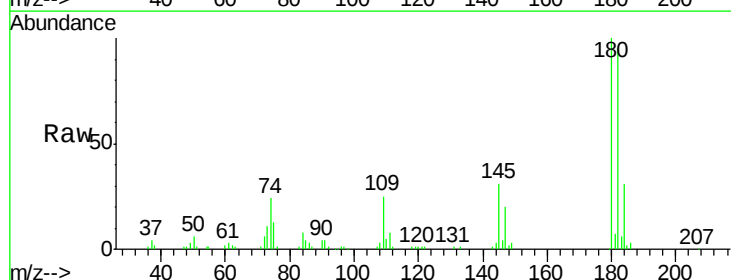
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.0	42.8	82.8
98	35.0	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 33.69 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.6	116.4
145	30.9	23.4	35.2





#31

Naphthalene

Concen: 33.17 ng

RT: 10.56 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

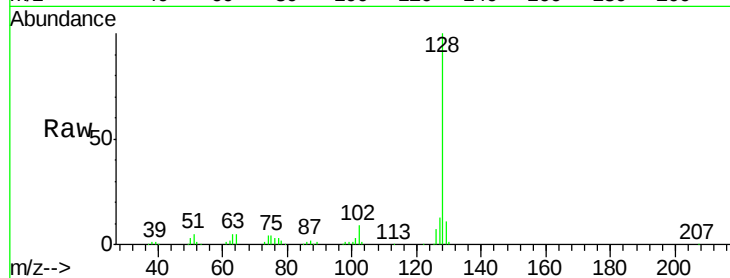
Tgt Ion:128 Resp: 441929

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

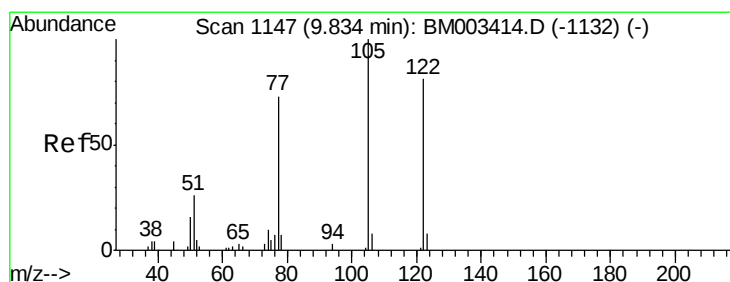
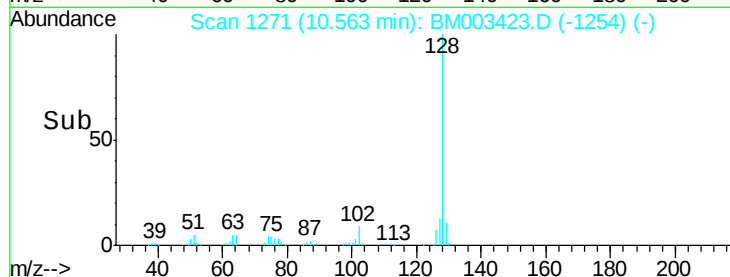
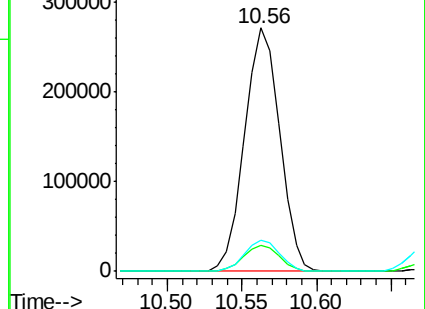
127 12.8 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 26.35 ng

RT: 9.80 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

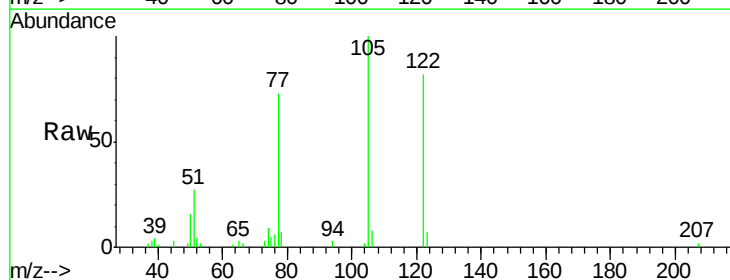
Tgt Ion:122 Resp: 54426

Ion Ratio Lower Upper

122 100

105 122.4 99.9 139.9

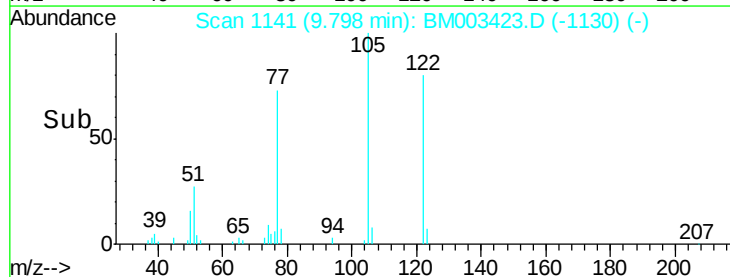
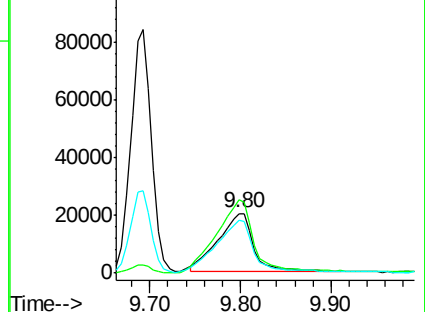
77 89.6 73.7 113.7

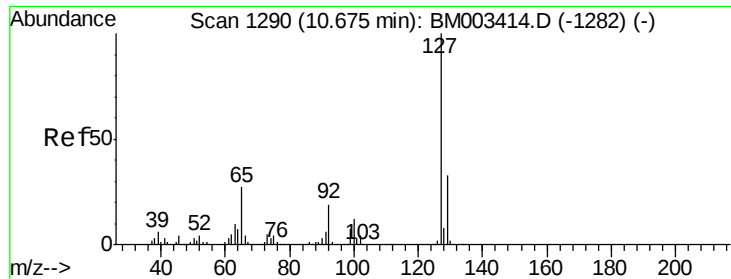


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

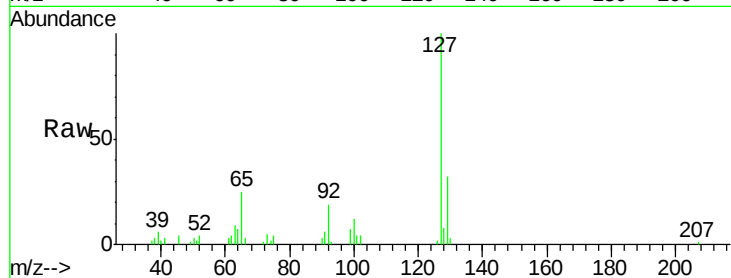




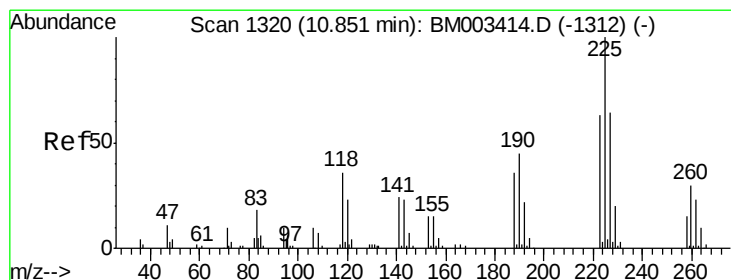
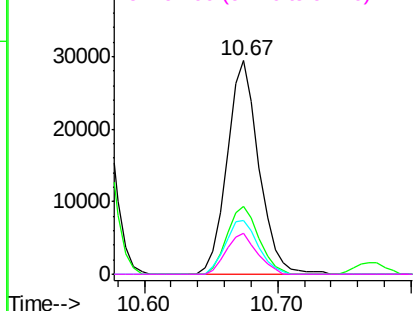
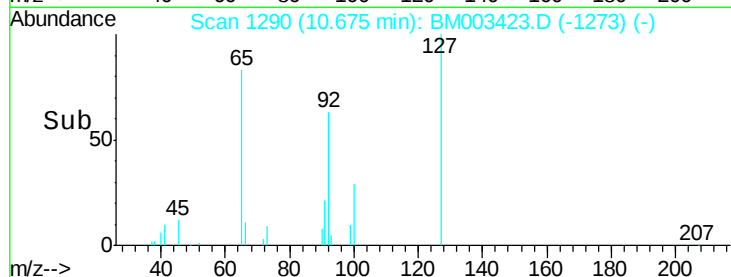
#33
4-Chloroaniline
Concen: 8.93 ng
RT: 10.67 min Scan# 1290
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Instrument :
BNA_M
ClientSampleId :
PB87163BSD

Tgt Ion:	127	Resp:	49112
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.3	37.9
65	25.1	17.6	26.4
92	19.0	13.1	19.7

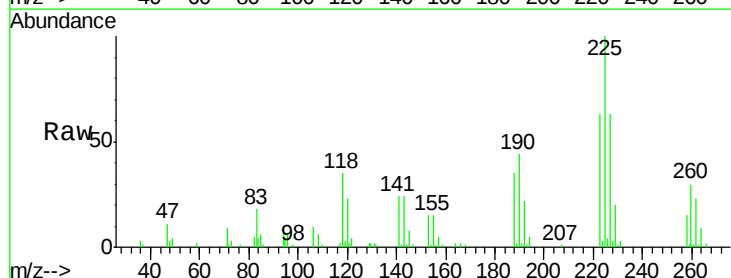


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

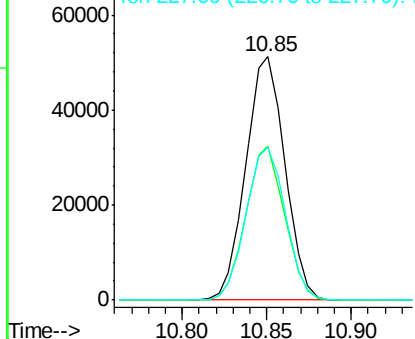
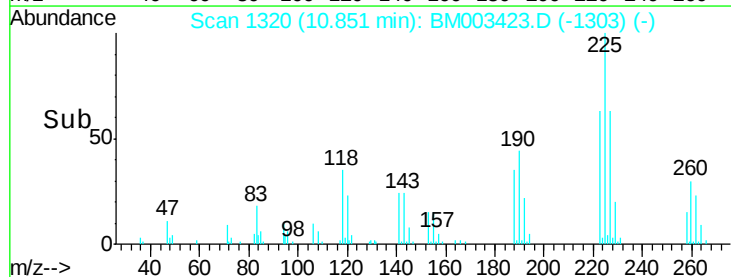


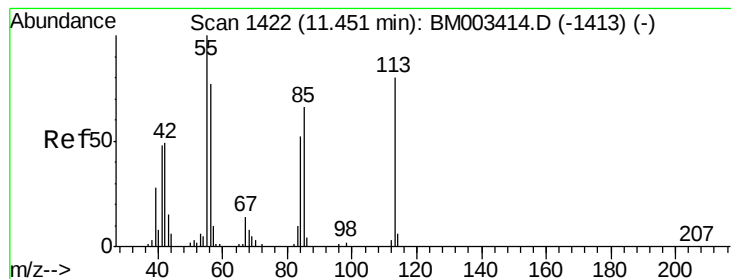
#34
Hexachlorobutadiene
Concen: 33.55 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:	225	Resp:	82741
Ion	Ratio	Lower	Upper
225	100		
223	63.4	47.9	71.9
227	62.7	50.1	75.1



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.68 ng

RT: 11.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

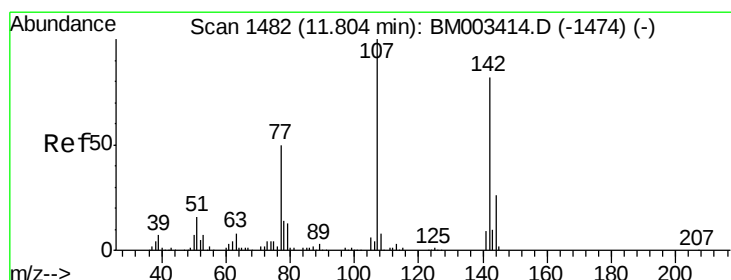
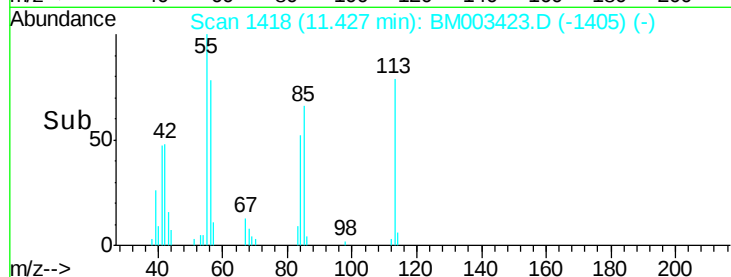
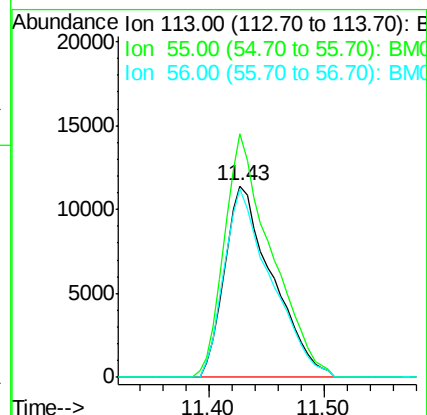
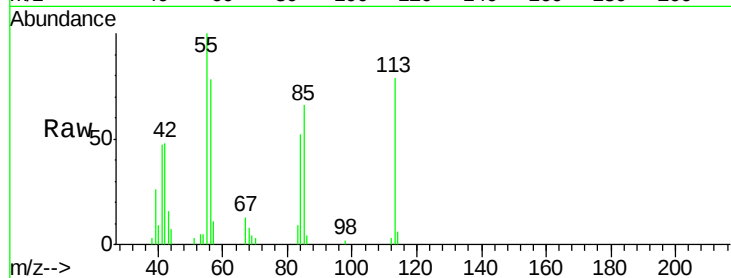
Tgt Ion:113 Resp: 32853

Ion Ratio Lower Upper

113 100

55 127.4 145.9 185.9#

56 98.8 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 30.15 ng

RT: 11.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

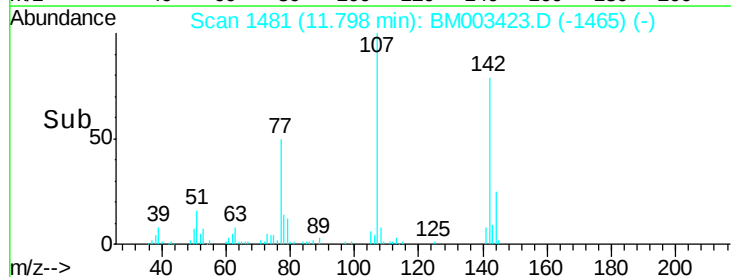
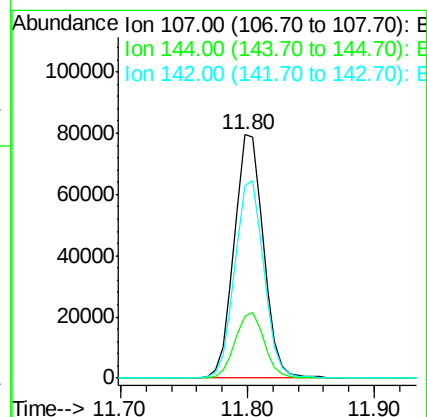
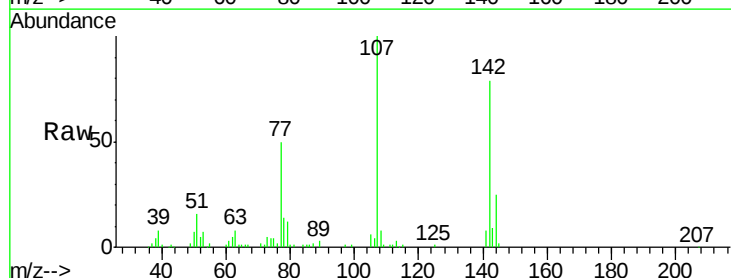
Tgt Ion:107 Resp: 126661

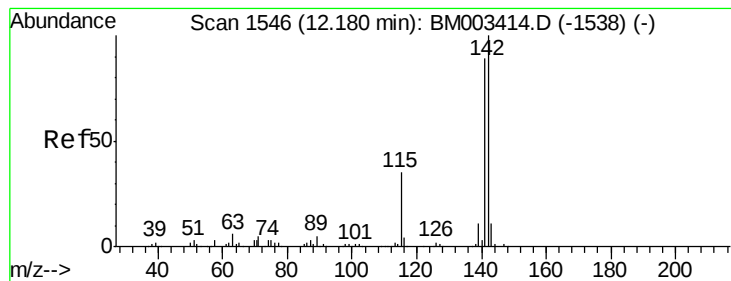
Ion Ratio Lower Upper

107 100

144 25.3 23.3 34.9

142 79.0 72.6 109.0





#37

2-Methylnaphthalene

Concen: 34.02 ng

RT: 12.18 min Scan# 1546

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

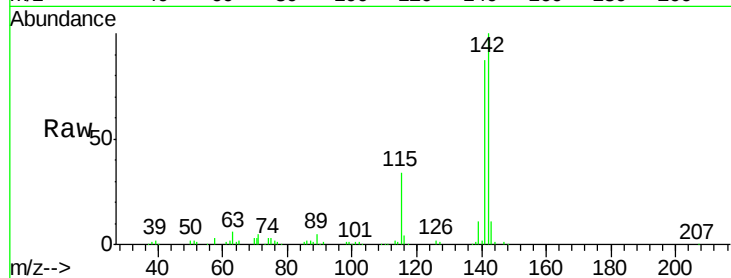
Tgt Ion:142 Resp: 310952

Ion Ratio Lower Upper

142 100

141 87.5 71.9 107.9

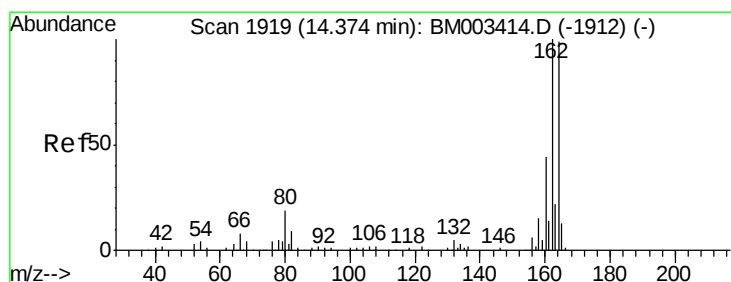
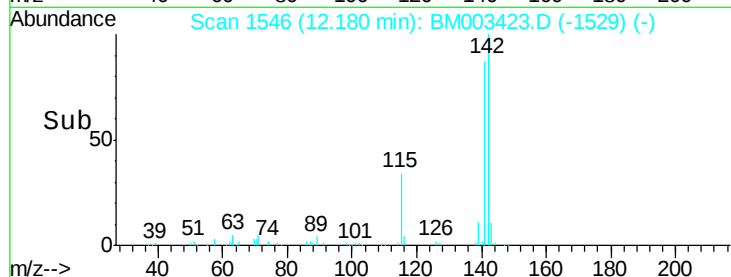
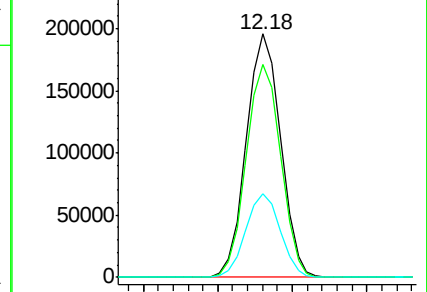
115 34.5 25.4 38.0



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: BM003423.D

Acq: 09 Dec 2015 21:30

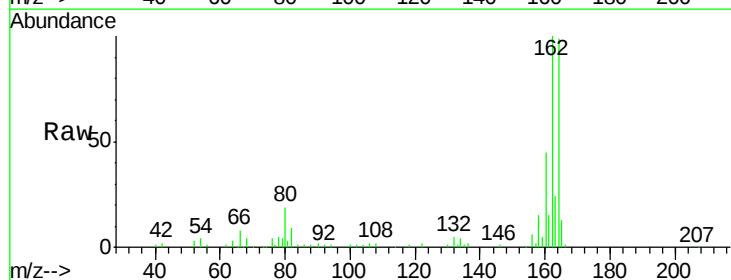
Tgt Ion:164 Resp: 126481

Ion Ratio Lower Upper

164 100

162 101.4 82.4 123.6

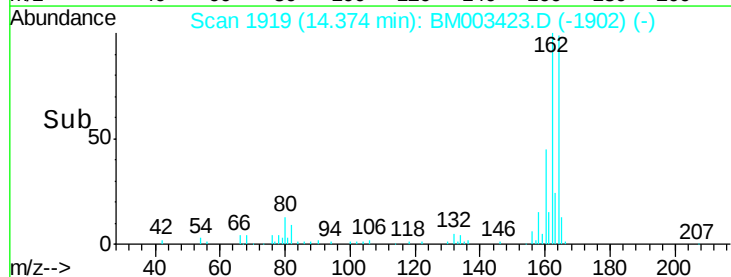
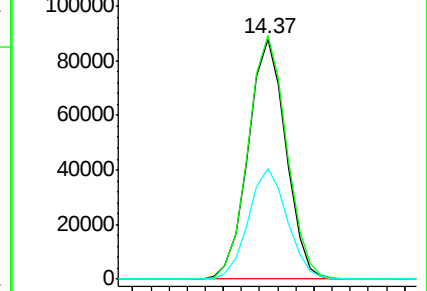
160 46.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

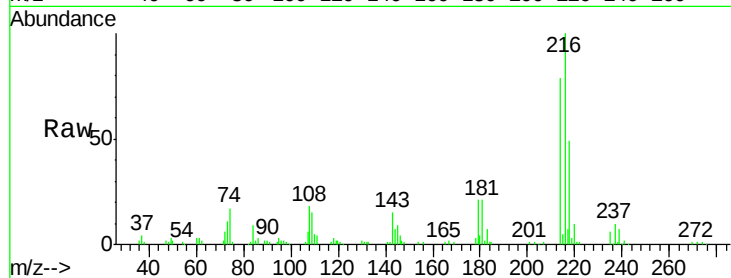




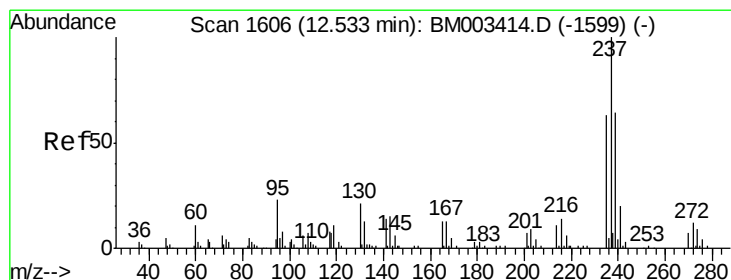
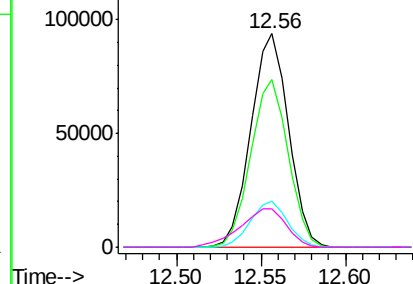
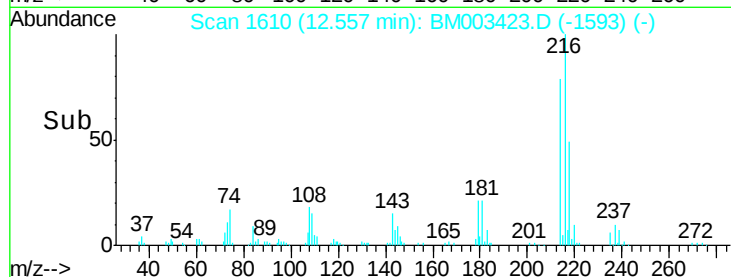
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 35.85 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:	216	Resp:	145765
Ion	Ratio	Lower	Upper
216	100		
214	77.9	0.0	0.0#
179	21.4	0.0	0.0#
108	22.0	0.0	0.0#

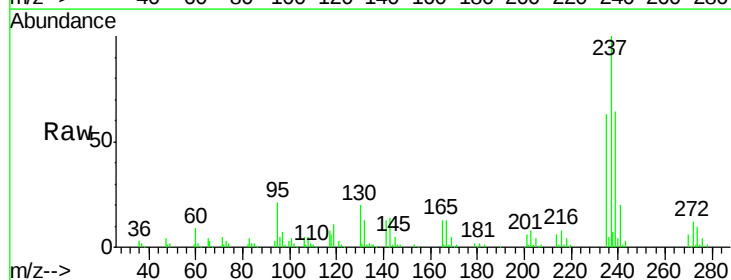


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

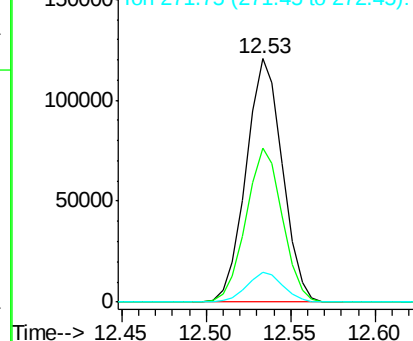
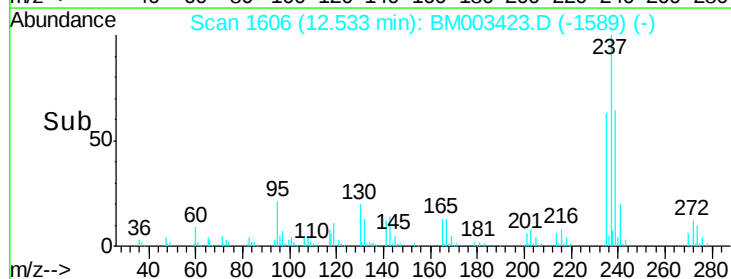


#40
 Hexachlorocyclopentadiene
 Concen: 79.67 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:	237	Resp:	180697
Ion	Ratio	Lower	Upper
237	100		
235	63.3	42.0	82.0
272	12.4	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

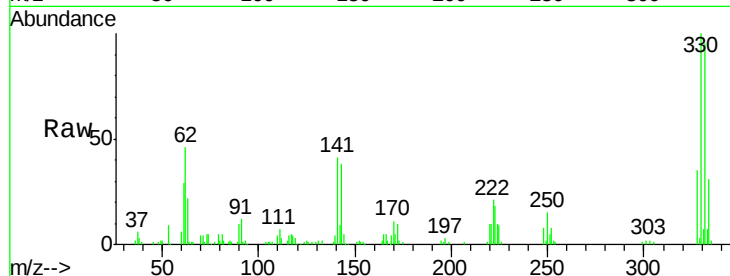




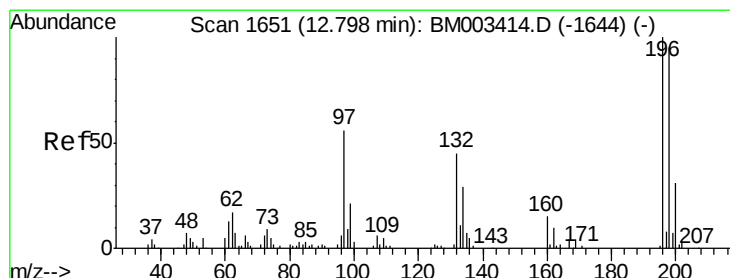
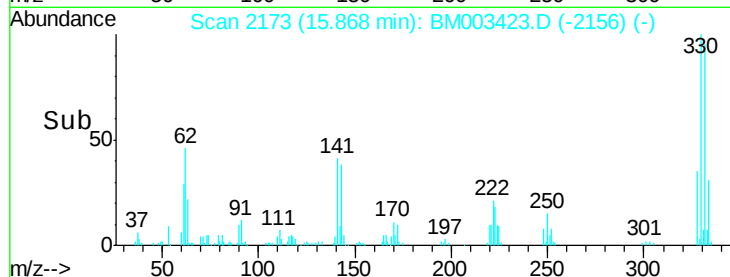
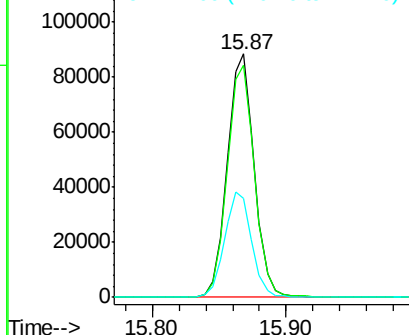
#41
 2,4,6-Tribromophenol
 Concen: 98.78 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:330 Resp: 124778
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 43.5 0.0 0.0#

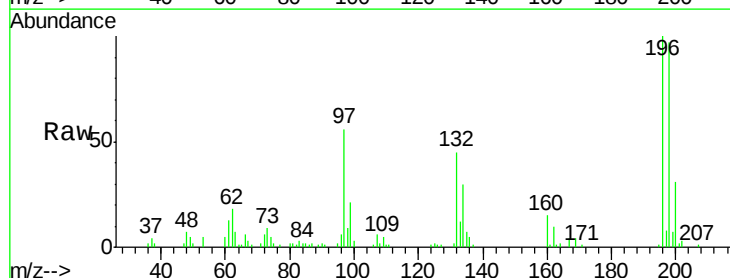


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

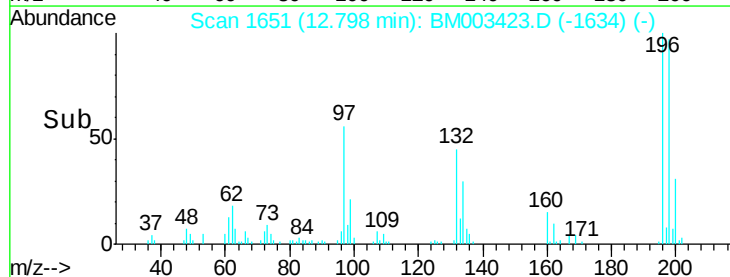
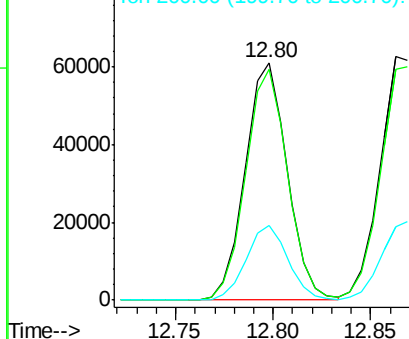


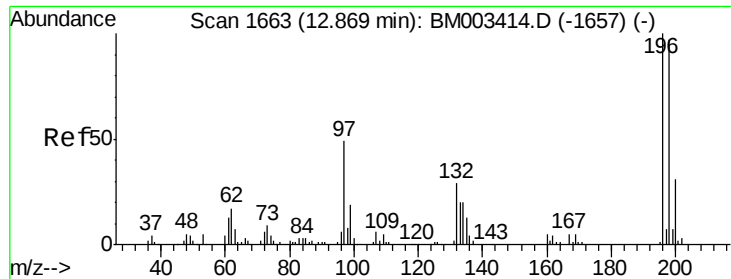
#42
 2,4,6-Trichlorophenol
 Concen: 34.36 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:196 Resp: 91136
 Ion Ratio Lower Upper
 196 100
 198 97.2 76.3 114.5
 200 31.2 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

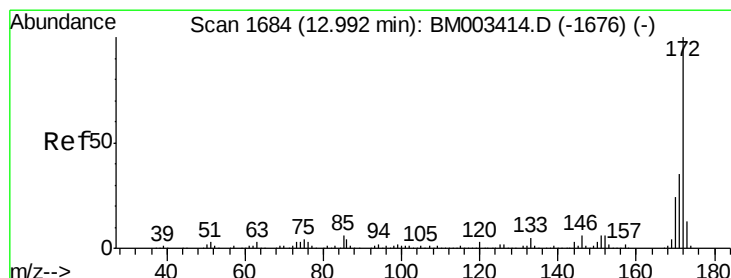
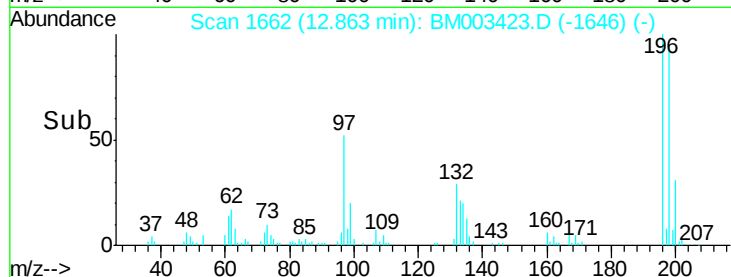
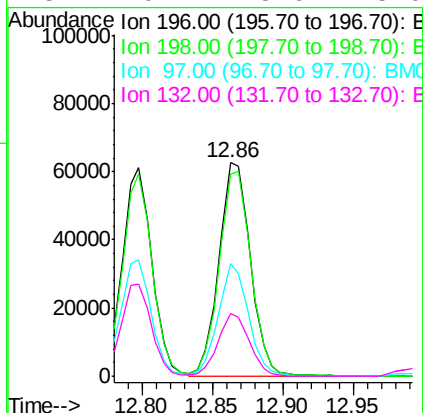
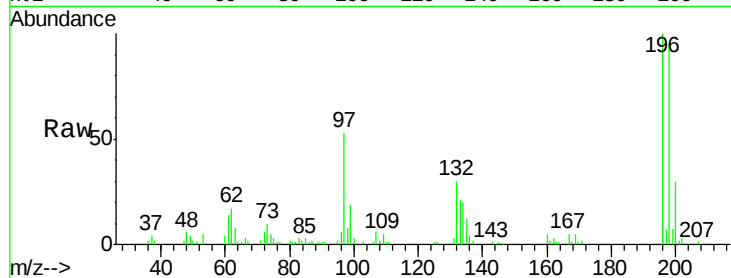




#43
 2,4,5-Trichlorophenol
 Concen: 35.10 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

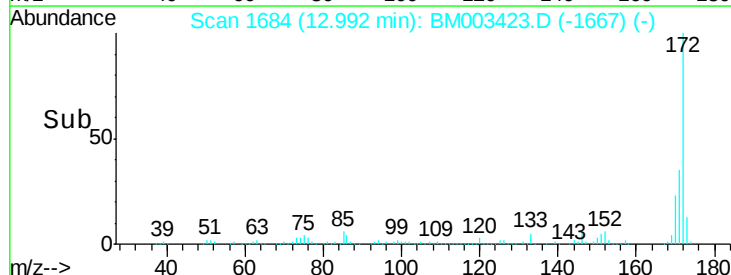
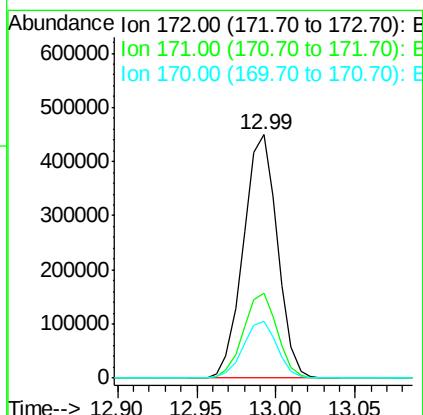
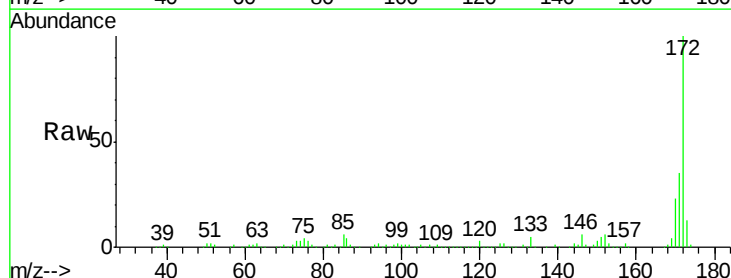
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

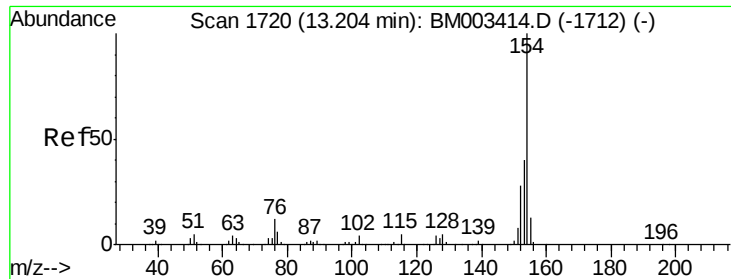
Tgt Ion:196 Resp: 97841
 Ion Ratio Lower Upper
 196 100
 198 95.0 79.4 119.0
 97 52.5 26.8 40.2#
 132 29.7 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 72.19 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:172 Resp: 670150
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 23.5 18.8 28.2

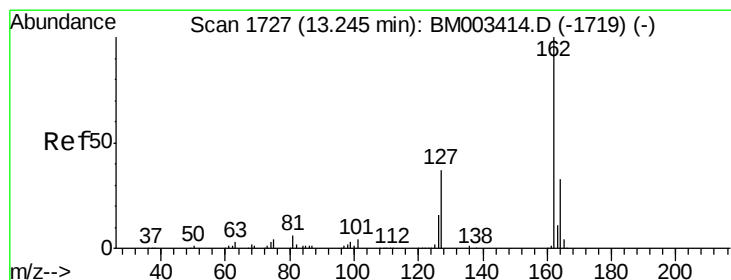
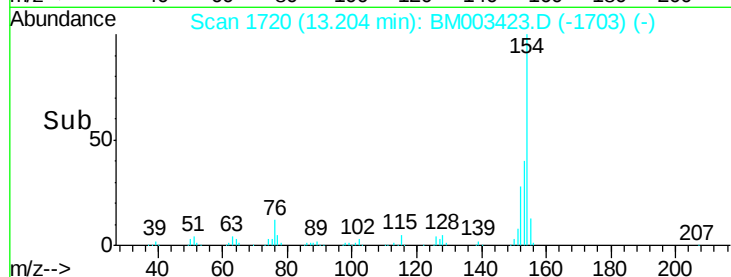
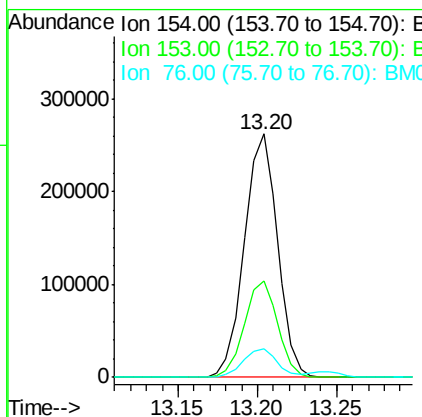
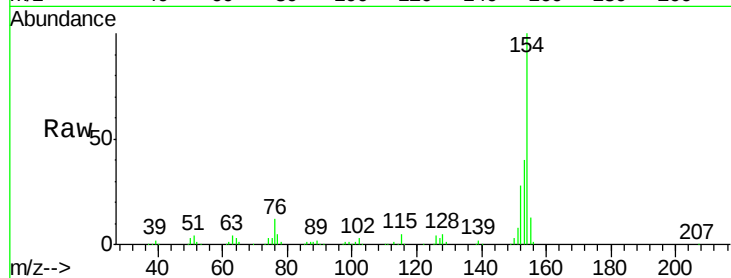




#45
 1,1'-Biphenyl
 Concen: 33.96 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

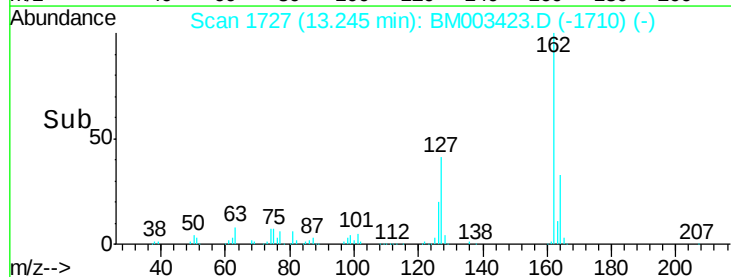
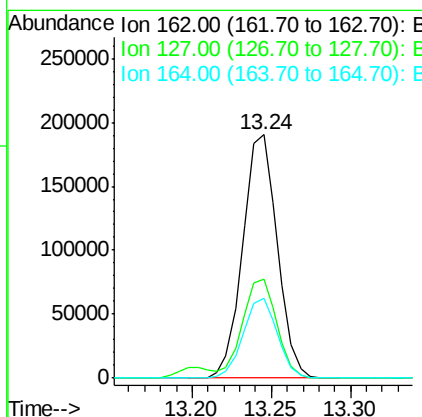
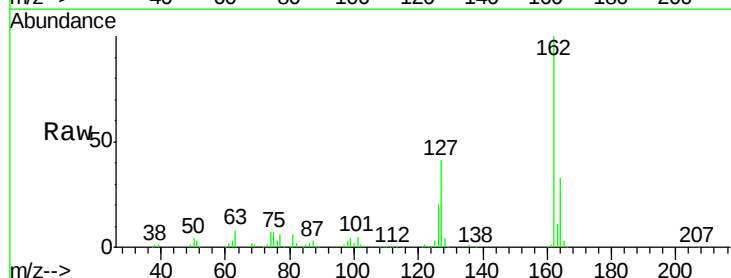
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

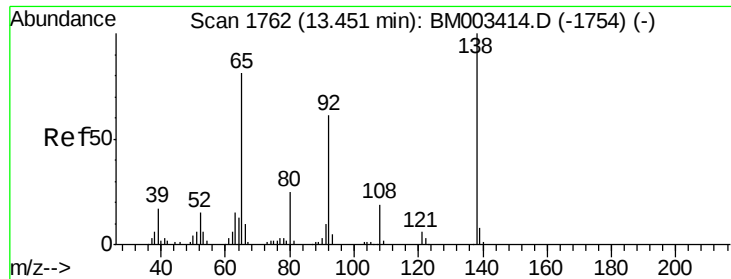
Tgt Ion:154 Resp: 380860
 Ion Ratio Lower Upper
 154 100
 153 39.7 20.7 60.7
 76 11.6 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 34.92 ng
 RT: 13.24 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:162 Resp: 287674
 Ion Ratio Lower Upper
 162 100
 127 40.5 26.9 40.3#
 164 32.6 26.8 40.2

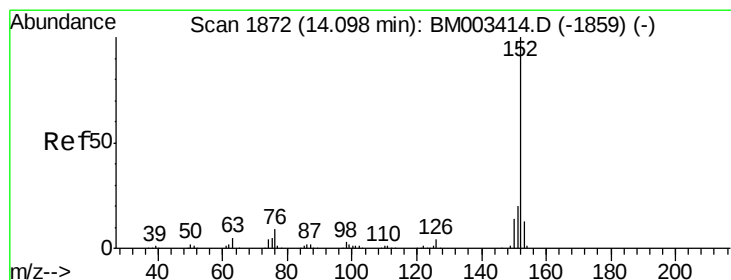
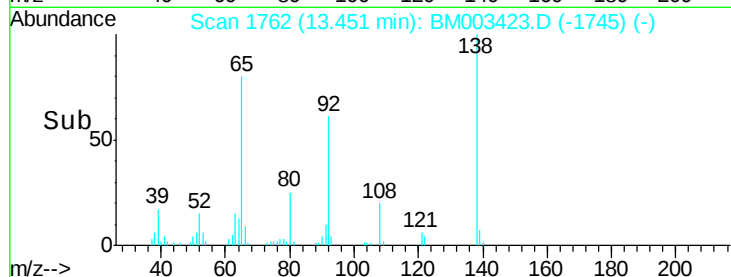
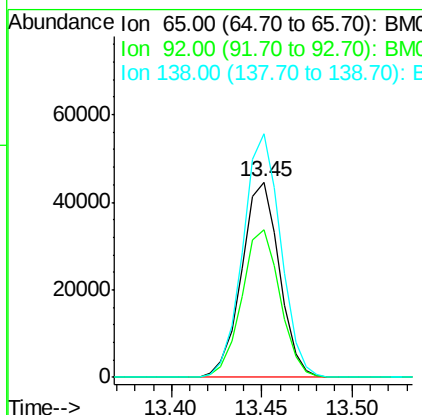
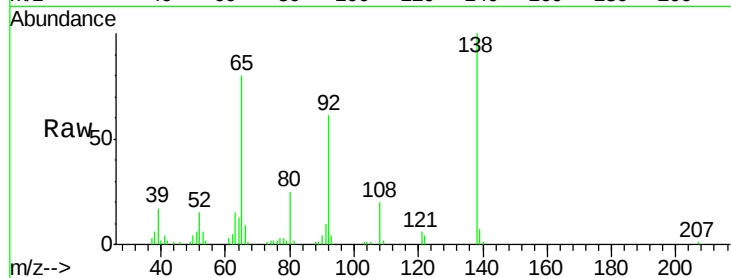




#47
2-Nitroaniline
Concen: 31.66 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

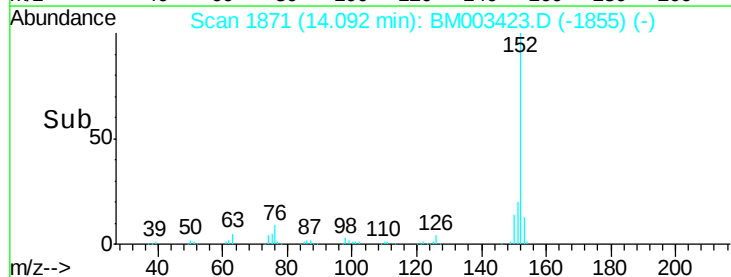
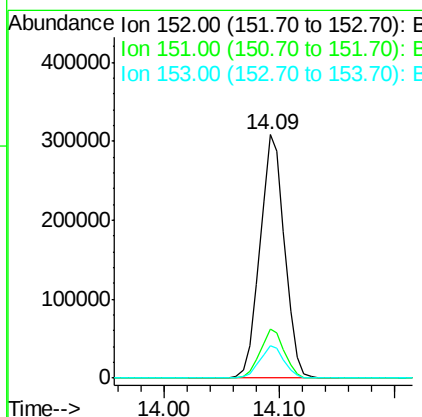
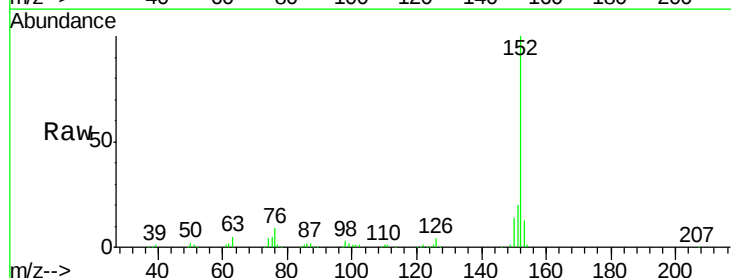
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

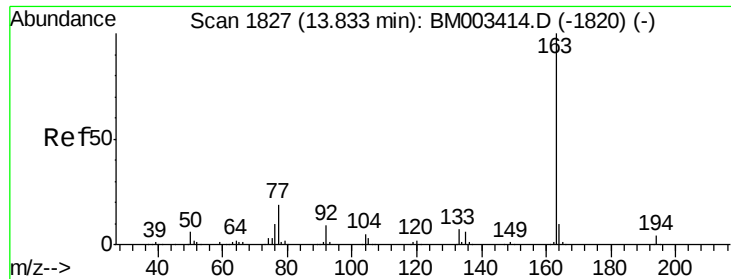
Tgt Ion: 65 Resp: 64693
Ion Ratio Lower Upper
65 100
92 75.6 59.1 88.7
138 124.6 93.9 140.9



#48
Acenaphthylene
Concen: 33.44 ng
RT: 14.09 min Scan# 1871
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion: 152 Resp: 459301
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.2 10.6 16.0





#49

Dimethylphthalate

Concen: 31.67 ng

RT: 13.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

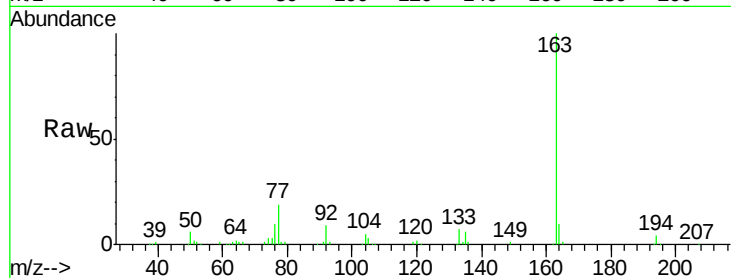
Tgt Ion:163 Resp: 330098

Ion Ratio Lower Upper

163 100

194 4.0 2.7 4.1

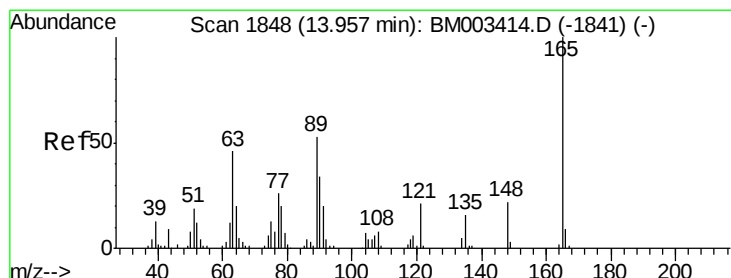
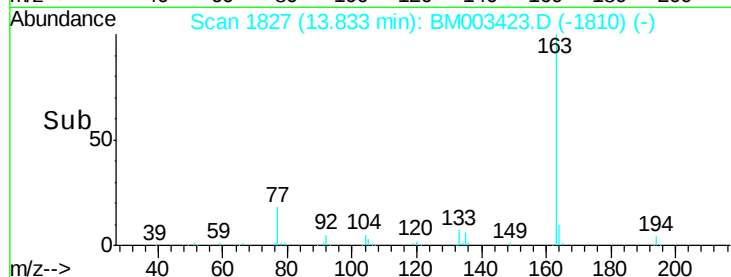
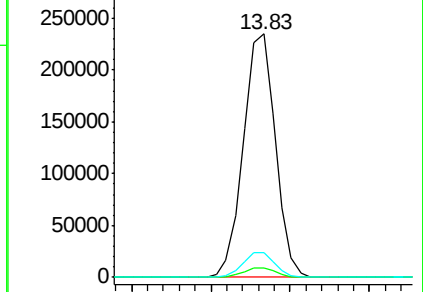
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 32.42 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

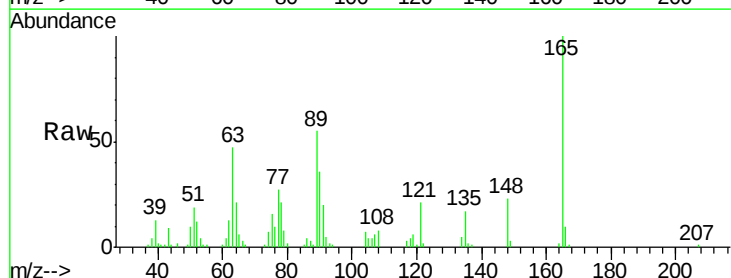
Tgt Ion:165 Resp: 70499

Ion Ratio Lower Upper

165 100

63 46.8 44.1 66.1

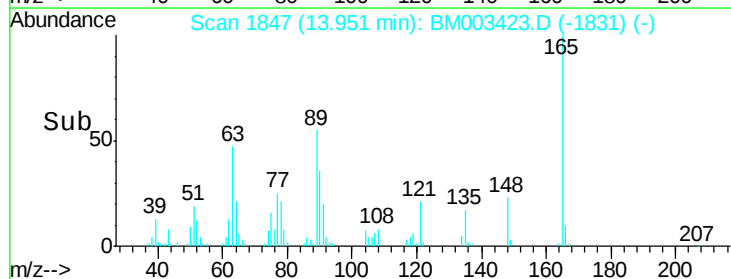
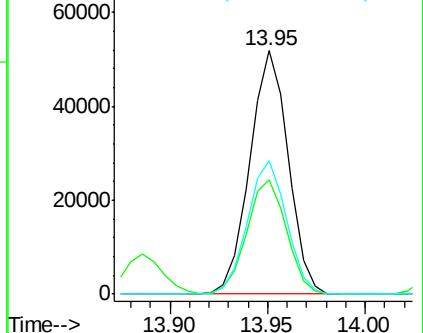
89 54.6 44.3 66.5

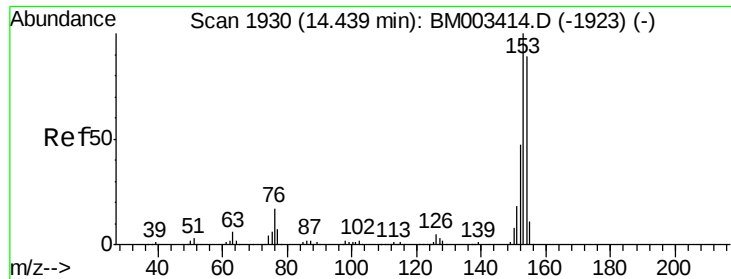


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 33.84 ng

RT: 14.44 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

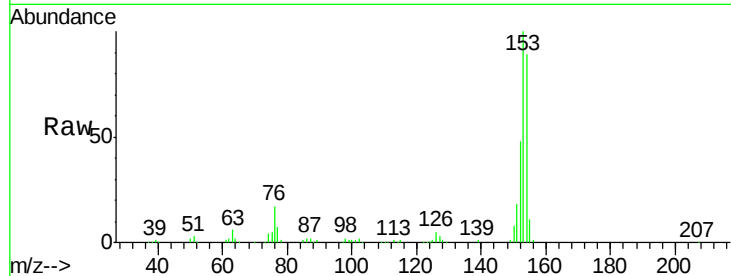
Tgt Ion:154 Resp: 269344

Ion Ratio Lower Upper

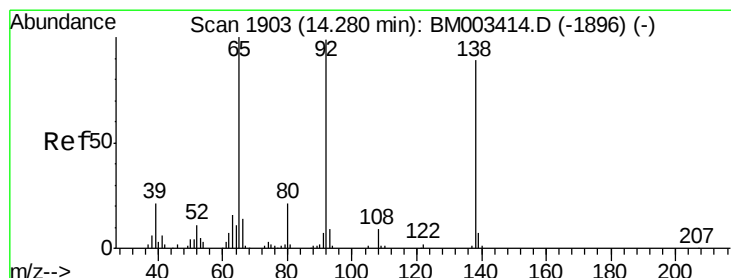
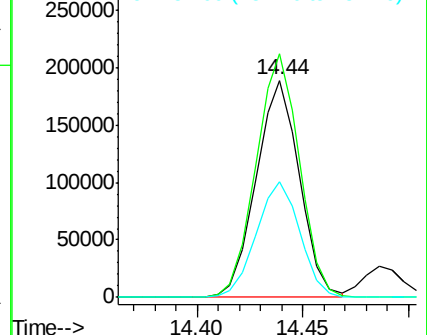
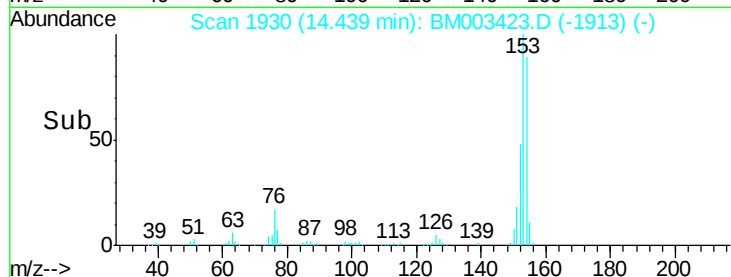
154 100

153 112.1 90.0 135.0

152 53.4 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: 15.32 ng

RT: 14.28 min Scan# 1903

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

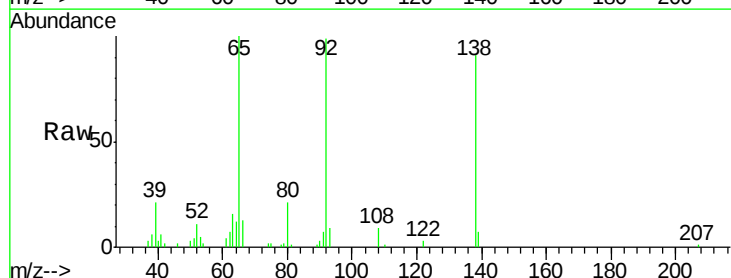
Tgt Ion:138 Resp: 34097

Ion Ratio Lower Upper

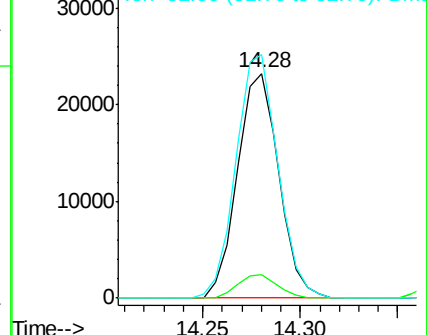
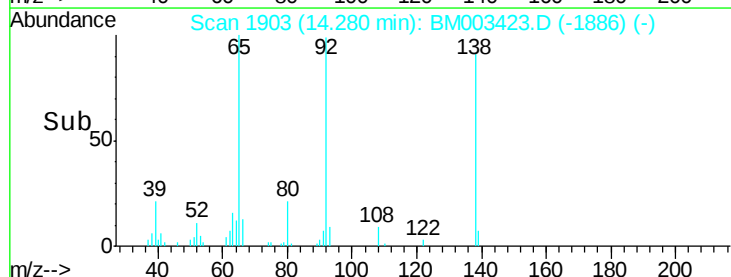
138 100

108 10.3 7.3 10.9

92 108.3 76.6 114.8



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

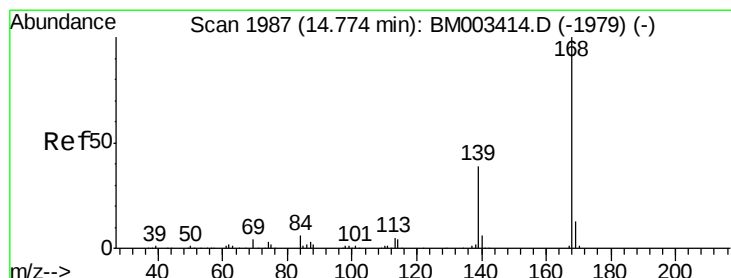
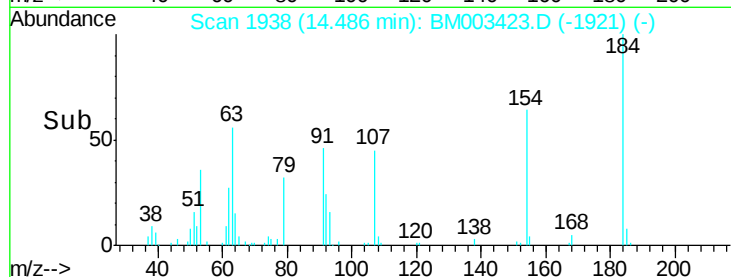
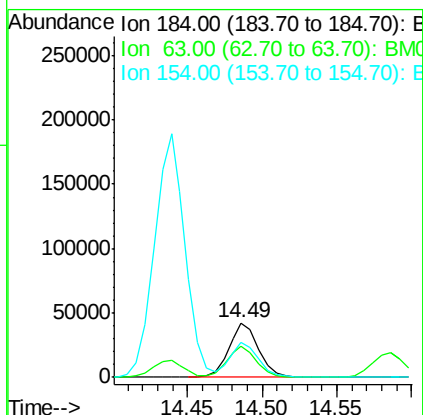
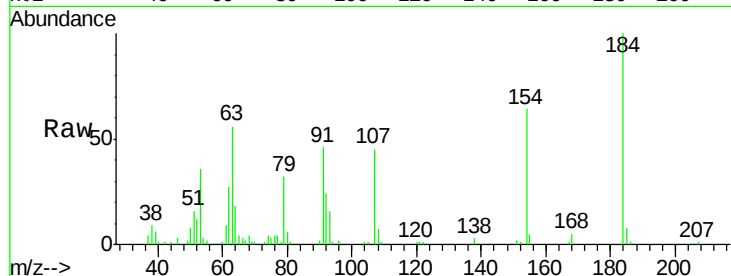




#53
2,4-Dinitrophenol
Concen: 50.51 ng
RT: 14.49 min Scan# 1938
Delta R.T. 0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

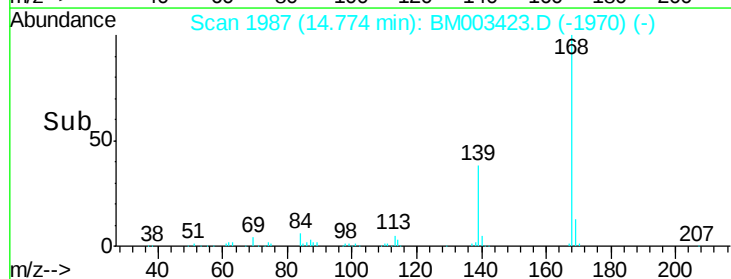
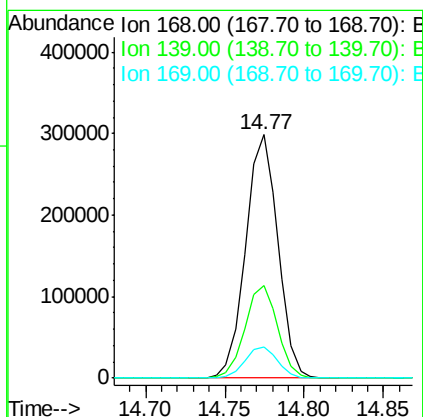
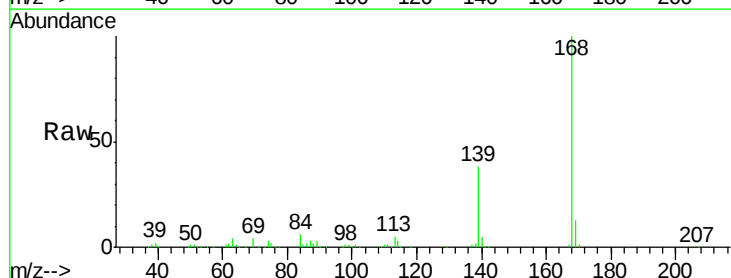
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

Tgt Ion:184 Resp: 58702
Ion Ratio Lower Upper
184 100
63 56.0 69.2 103.8#
154 64.0 53.3 79.9



#54
Dibenzofuran
Concen: 36.63 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:168 Resp: 421075
Ion Ratio Lower Upper
168 100
139 37.8 27.3 40.9
169 13.0 10.6 16.0

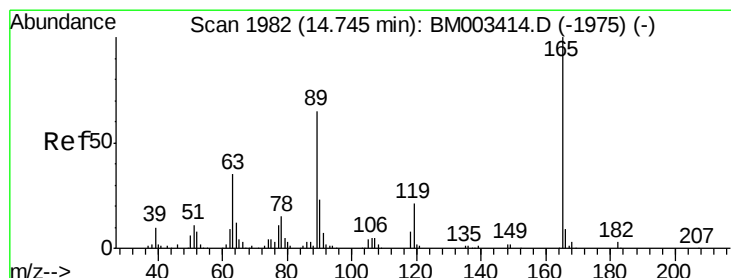
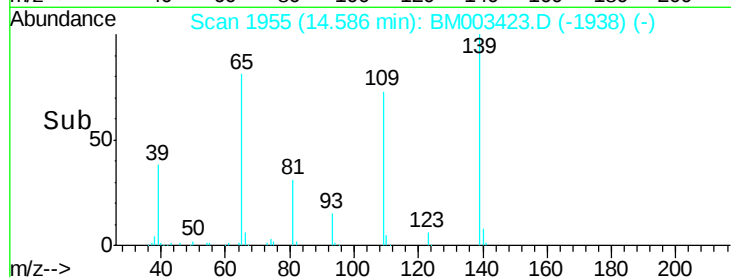
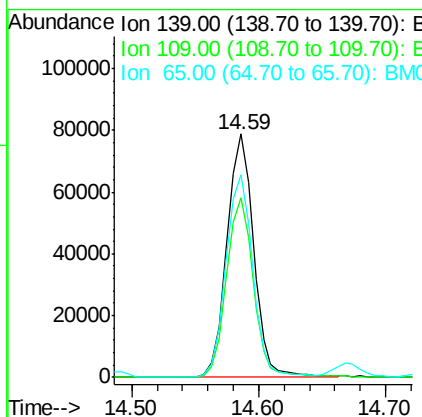
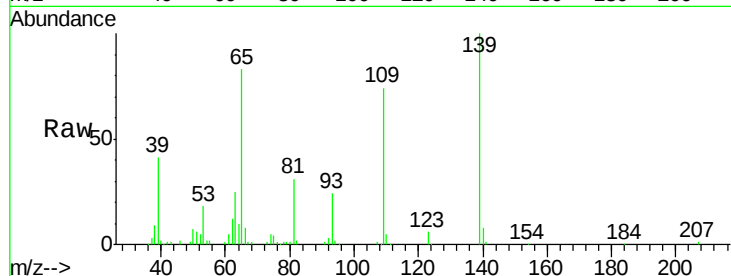




#55
4-Nitrophenol
Concen: 62.89 ng
RT: 14.59 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

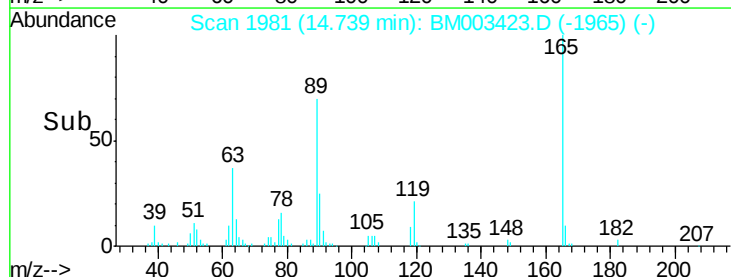
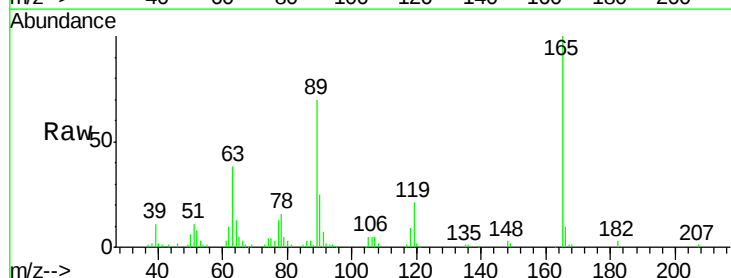
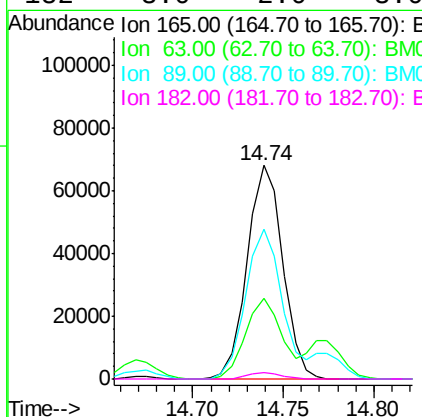
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

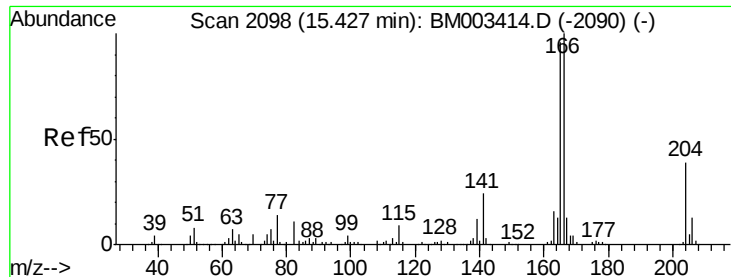
Tgt Ion:139 Resp: 115587
Ion Ratio Lower Upper
139 100
109 73.7 37.7 77.7
65 83.3 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 32.95 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:165 Resp: 92976
Ion Ratio Lower Upper
165 100
63 37.7 52.4 78.6#
89 70.2 72.4 108.6#
182 3.0 2.0 3.0





#57

Fluorene

Concen: 33.73 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

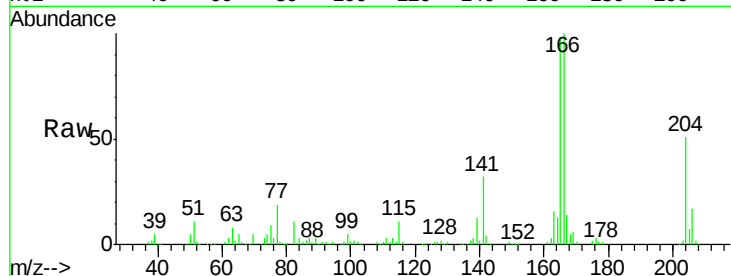
Tgt Ion:166 Resp: 321428

Ion Ratio Lower Upper

166 100

165 97.8 79.0 118.4

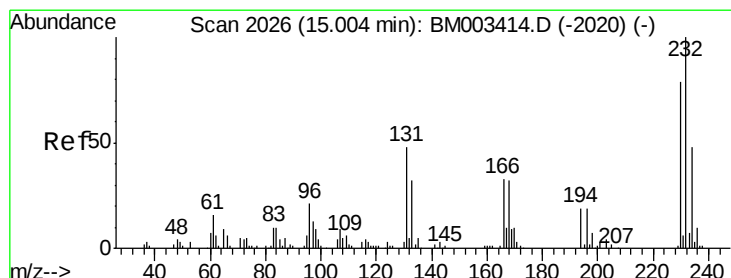
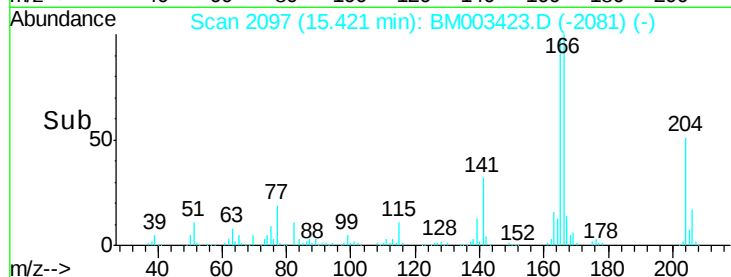
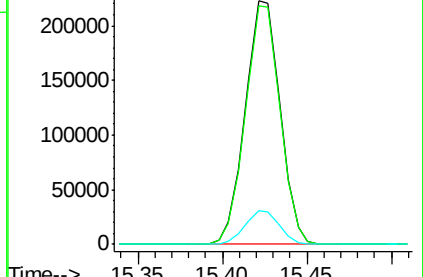
167 13.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 37.03 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Tgt Ion:232 Resp: 79340

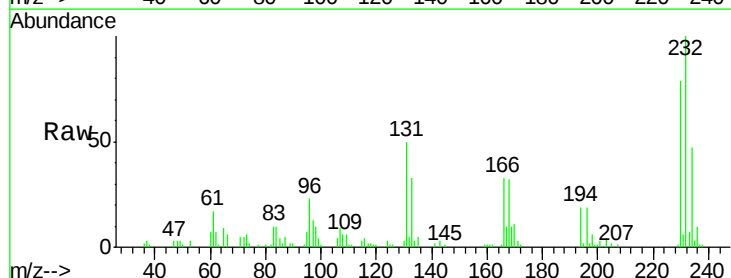
Ion Ratio Lower Upper

232 100

131 48.7 0.0 0.0#

130 2.4 0.0 0.0#

166 32.2 0.0 0.0#

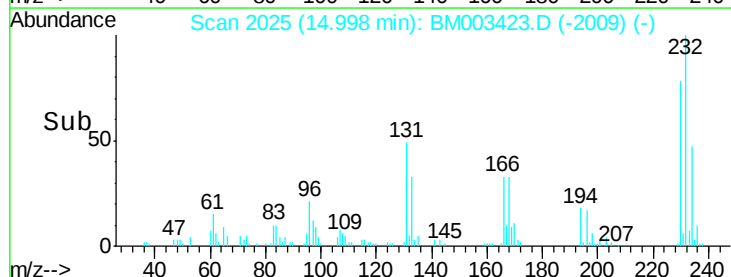
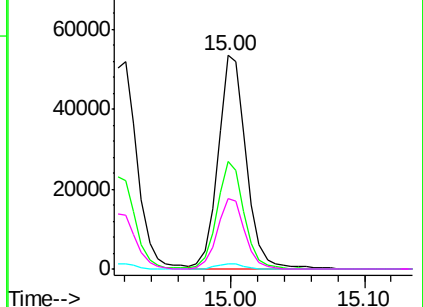


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

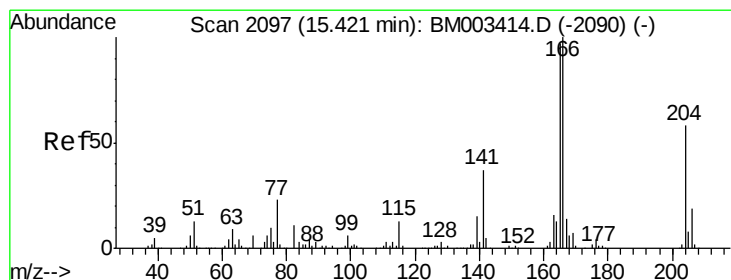
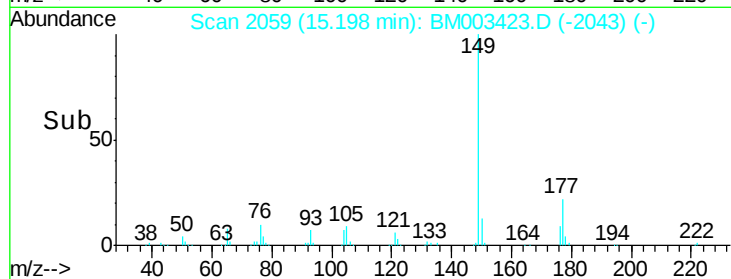
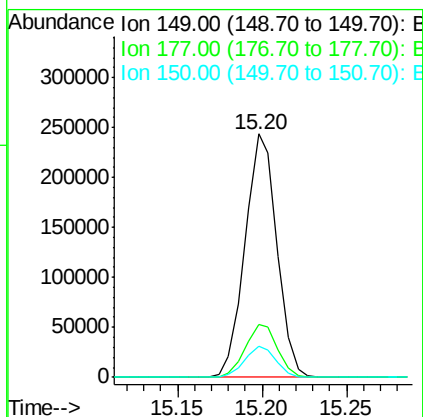
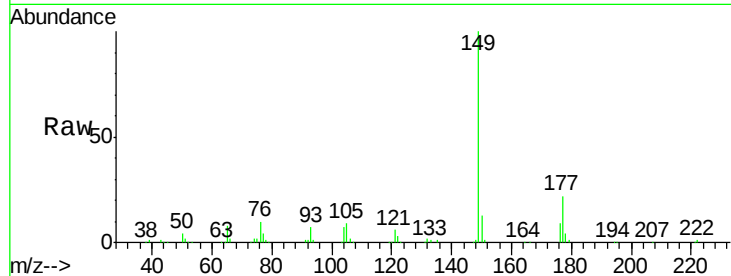




#59
Diethylphthalate
Concen: 31.22 ng
RT: 15.20 min Scan# 2059
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

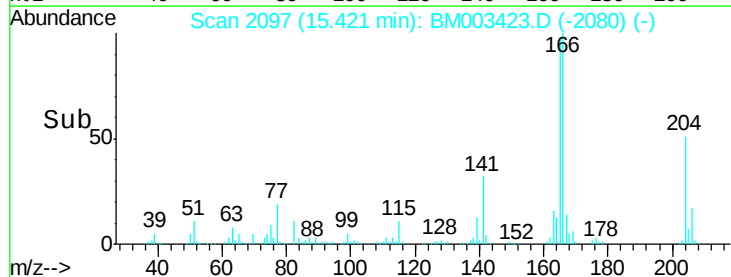
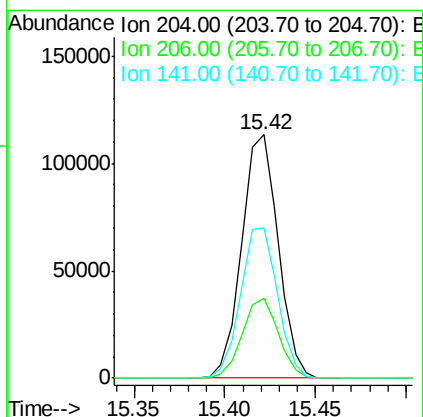
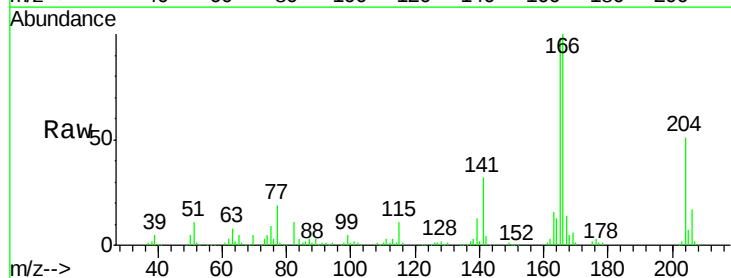
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

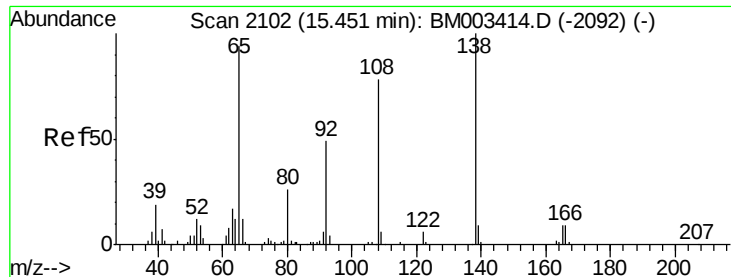
Tgt Ion:149 Resp: 319524
Ion Ratio Lower Upper
149 100
177 21.9 18.3 27.5
150 12.6 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 32.84 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:204 Resp: 158264
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 61.9 45.2 67.8

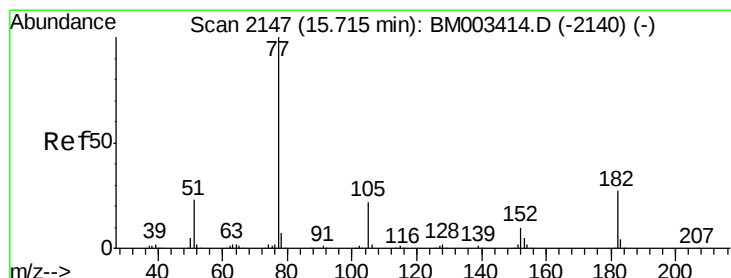
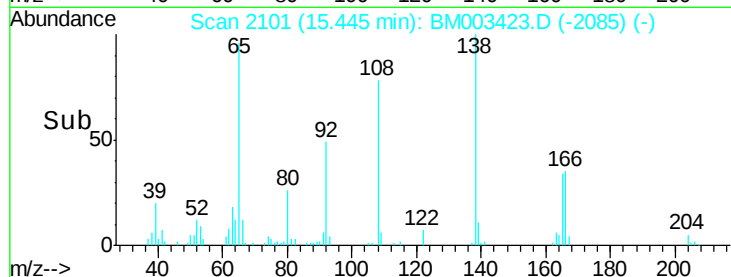
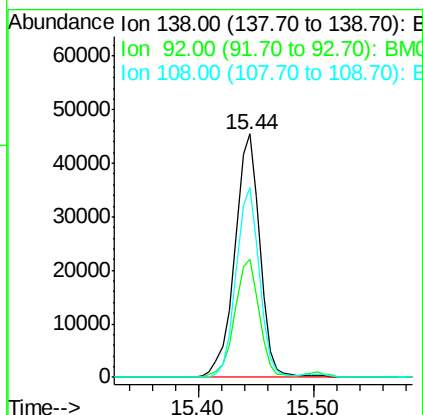
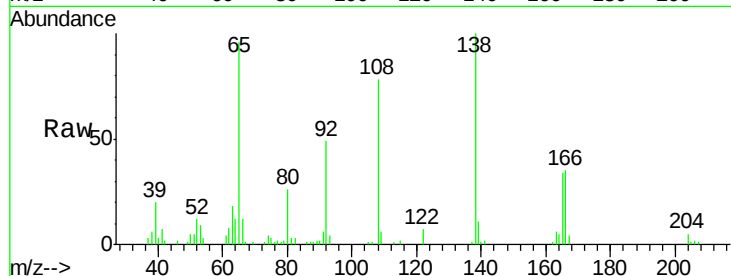




#61
4-Nitroaniline
Concen: 30.18 ng
RT: 15.44 min Scan# 2101
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

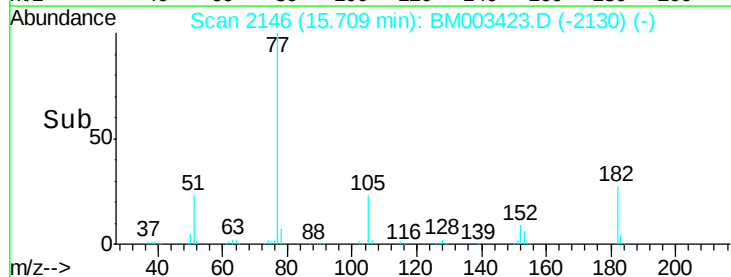
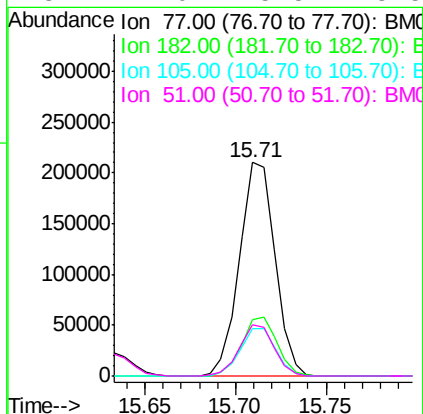
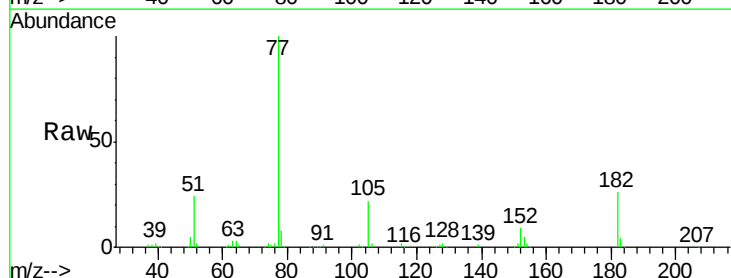
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

Tgt Ion: 138 Resp: 68590
Ion Ratio Lower Upper
138 100
92 48.6 16.7 56.7
108 77.8 37.6 77.6#



#62
Azobenzene
Concen: 35.84 ng
RT: 15.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion: 77 Resp: 287537
Ion Ratio Lower Upper
77 100
182 26.4 6.5 46.5
105 22.2 3.8 43.8
51 24.0 5.5 45.5

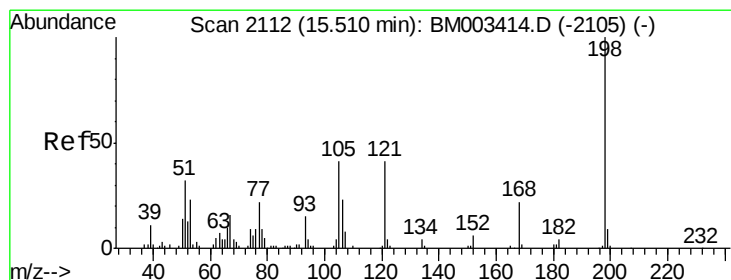
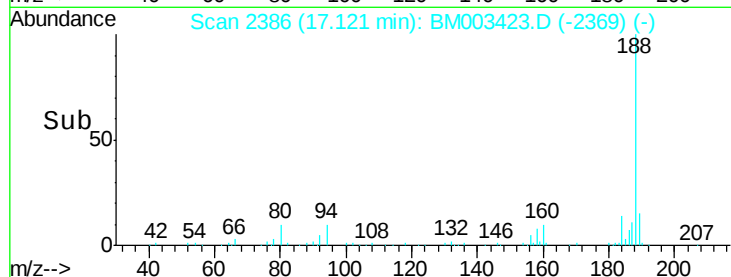
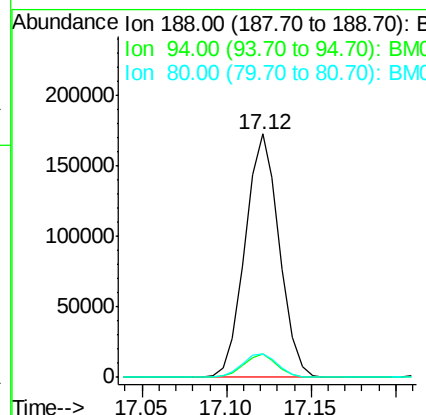
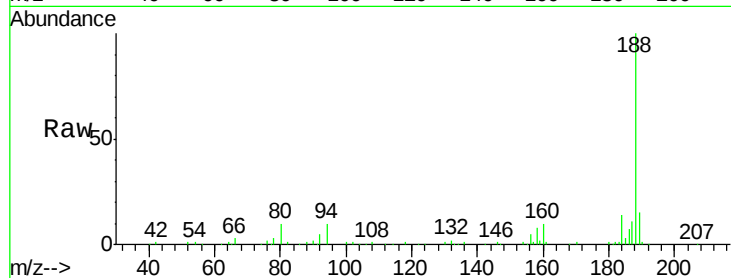




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

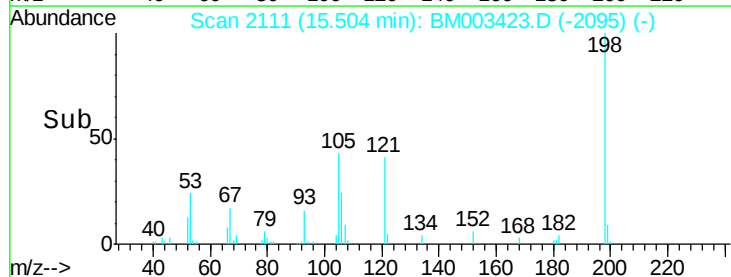
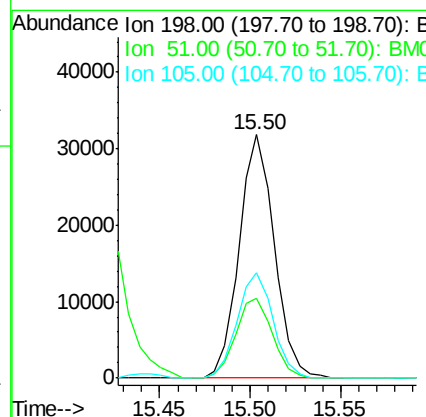
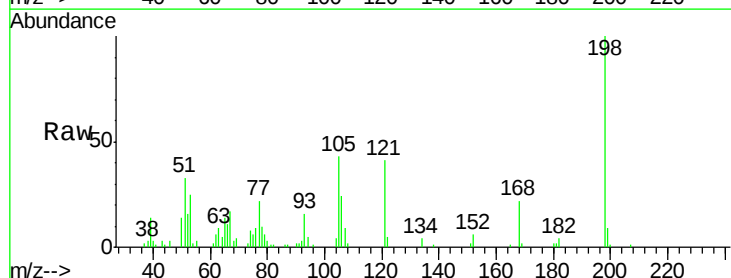
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

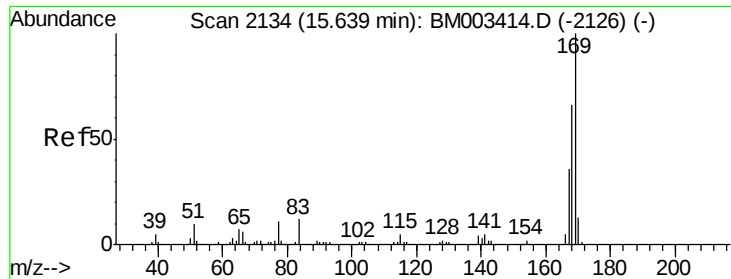
Tgt Ion:188 Resp: 242149
Ion Ratio Lower Upper
188 100
94 9.6 8.7 13.1
80 9.8 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 29.40 ng
RT: 15.50 min Scan# 2111
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:198 Resp: 42958
Ion Ratio Lower Upper
198 100
51 32.5 28.8 68.8
105 43.4 30.5 70.5

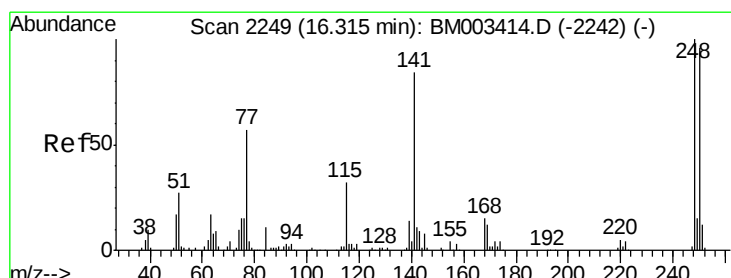
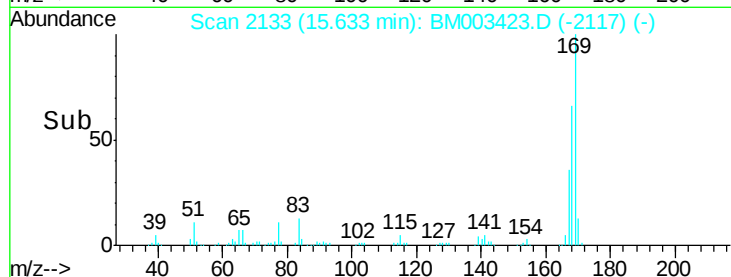
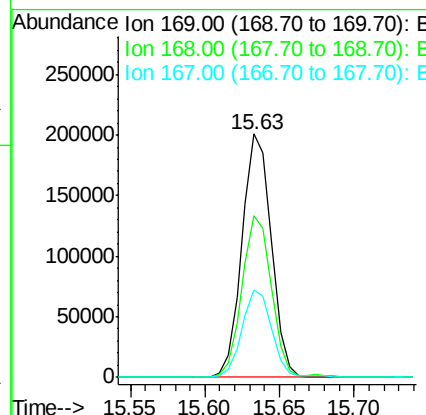
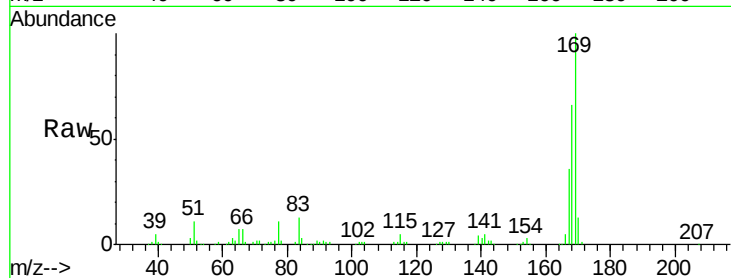




#65
 n-Nitrosodiphenylamine
 Concen: 35.83 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

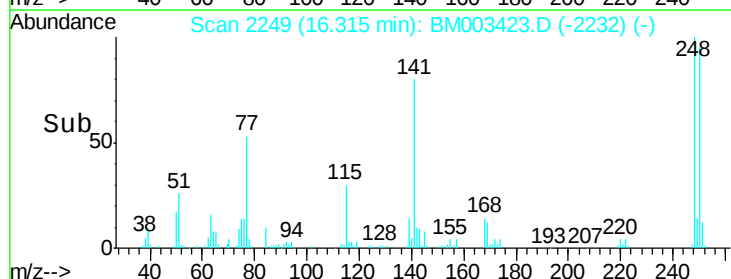
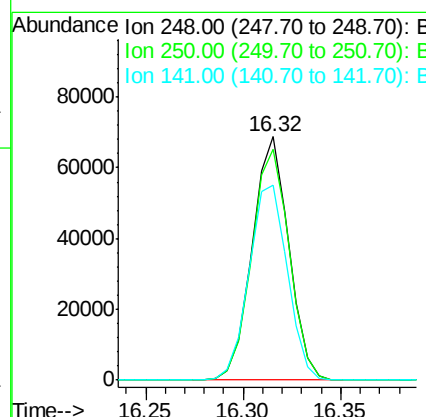
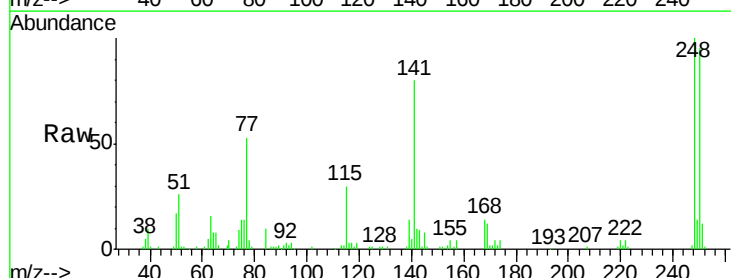
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

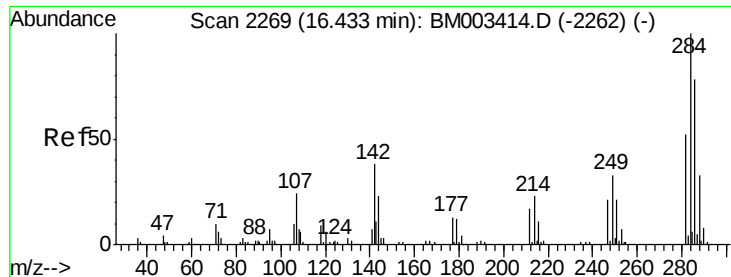
Tgt Ion:169 Resp: 274289
 Ion Ratio Lower Upper
 169 100
 168 66.3 53.9 80.9
 167 35.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 34.17 ng
 RT: 16.32 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:248 Resp: 89206
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.4 116.0
 141 80.1 45.2 67.8#





#67

Hexachlorobenzene

Concen: 34.85 ng

RT: 16.43 min Scan# 2268

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

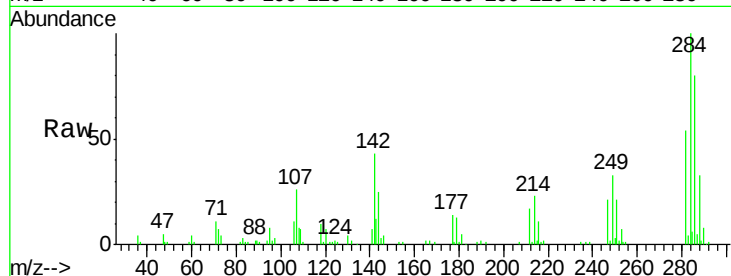
Tgt Ion:284 Resp: 97748

Ion Ratio Lower Upper

284 100

142 43.0 20.4 30.6#

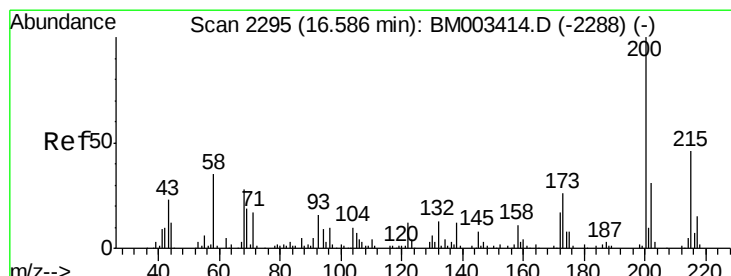
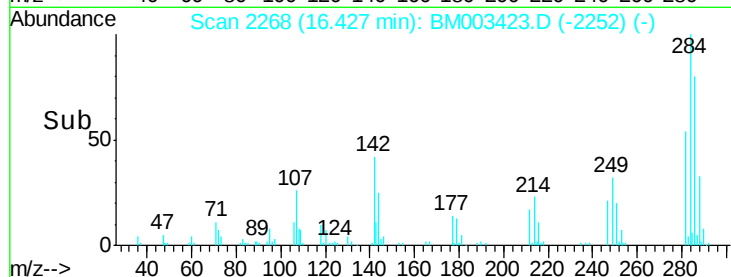
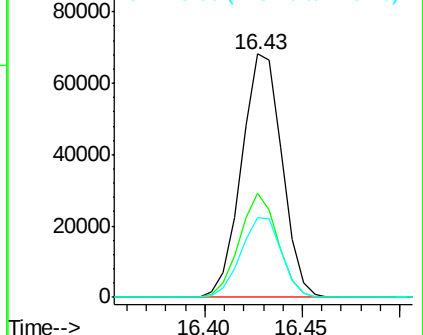
249 33.0 23.8 35.6



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: 36.00 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

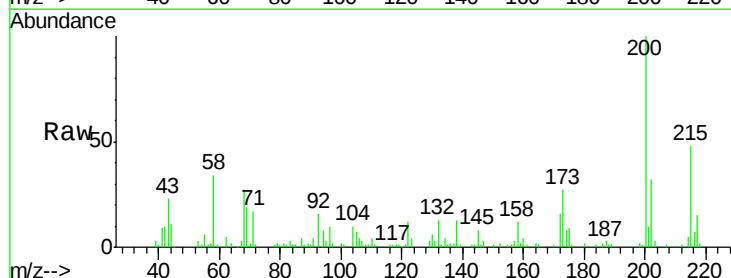
Tgt Ion:200 Resp: 85958

Ion Ratio Lower Upper

200 100

173 27.2 4.8 44.8

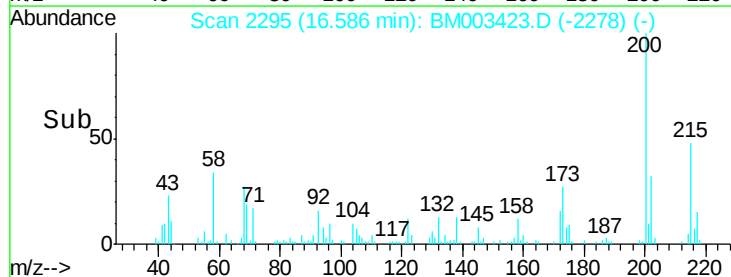
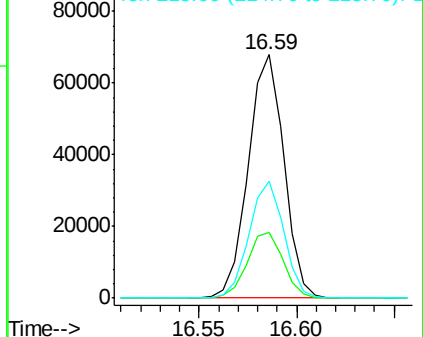
215 47.9 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

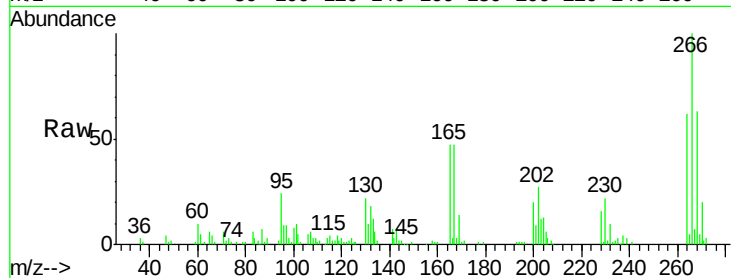




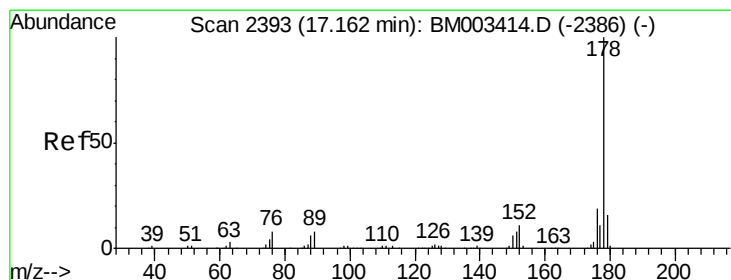
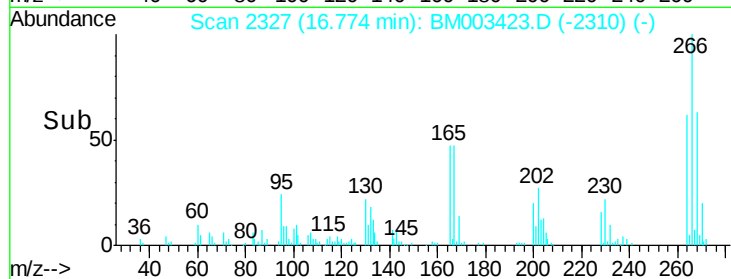
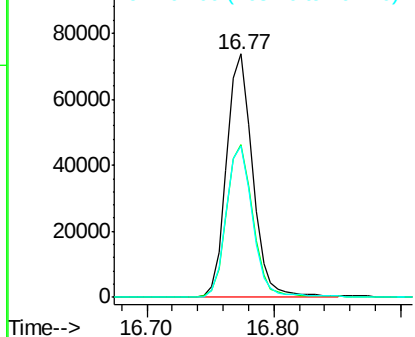
#69
 Pentachlorophenol
 Concen: 65.91 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:266 Resp: 105543
 Ion Ratio Lower Upper
 266 100
 268 62.9 52.0 78.0
 264 62.3 49.0 73.4

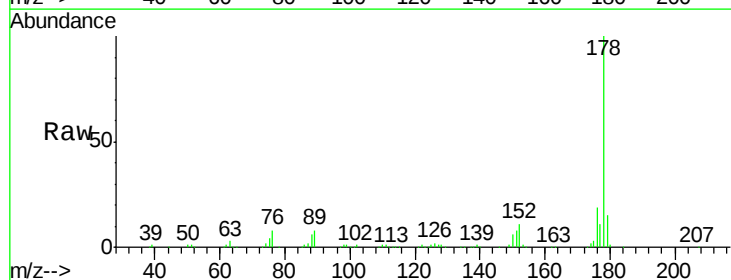


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

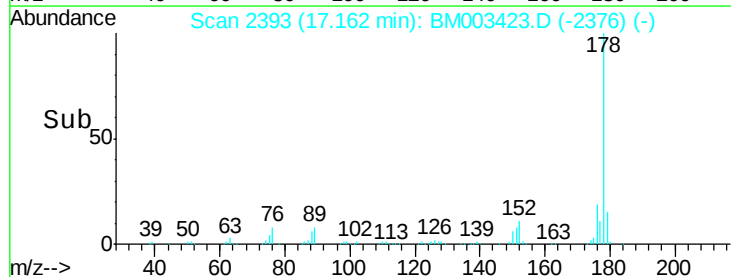
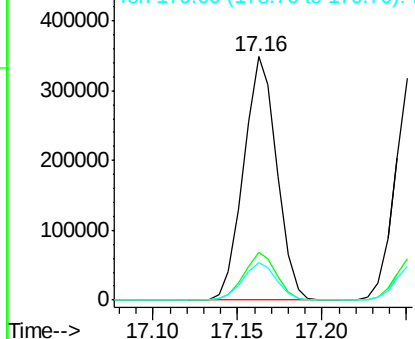


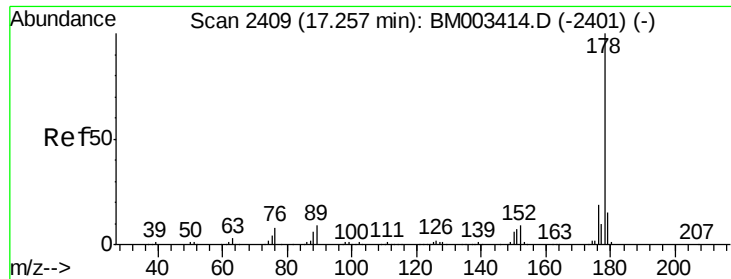
#70
 Phenanthrene
 Concen: 35.20 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:178 Resp: 478351
 Ion Ratio Lower Upper
 178 100
 176 19.5 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

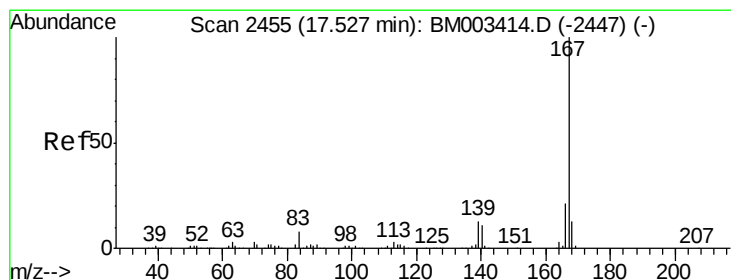
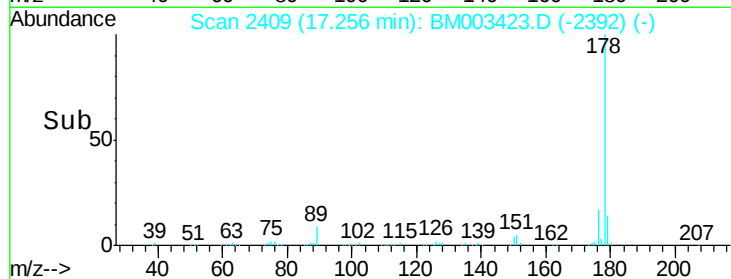
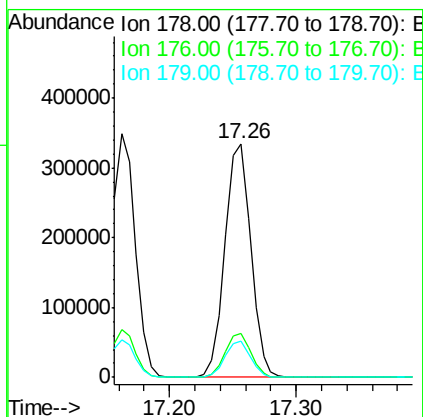
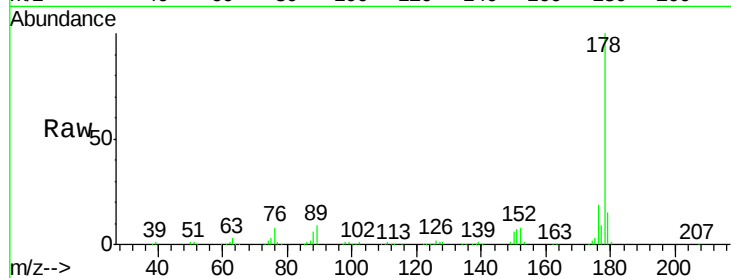




#71
 Anthracene
 Concen: 35.23 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

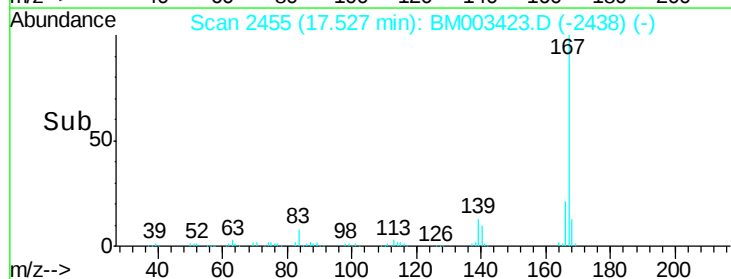
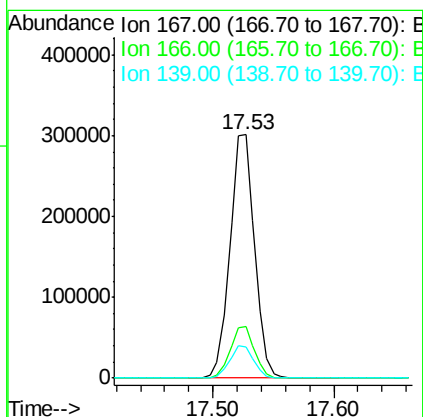
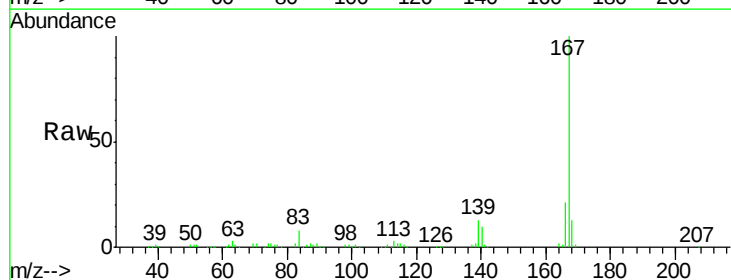
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:178 Resp: 475663
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 36.23 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:167 Resp: 426113
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.9 10.8 16.2

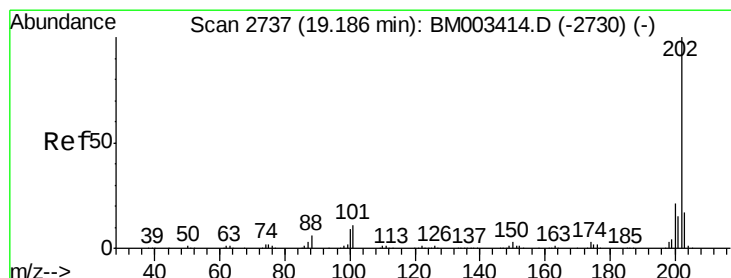
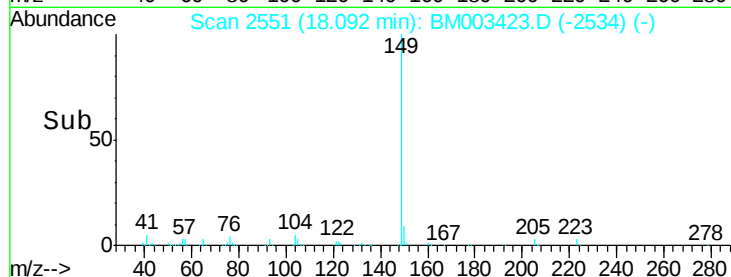
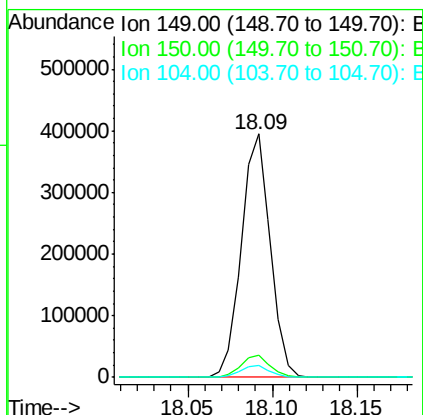
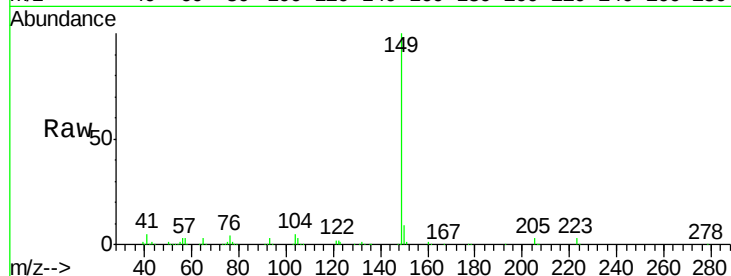




#73
Di-n-butylphthalate
Concen: 34.10 ng
RT: 18.09 min Scan# 2551
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

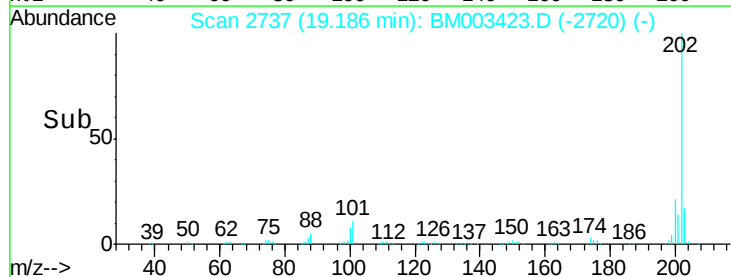
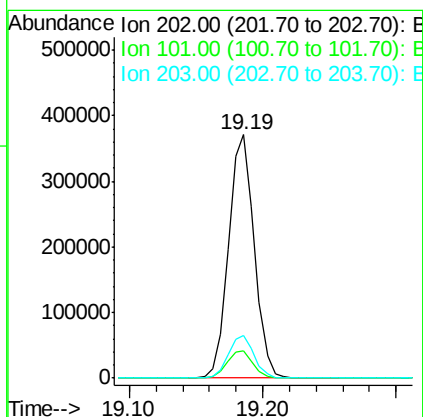
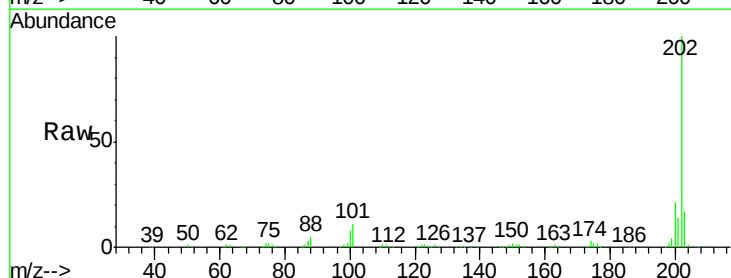
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

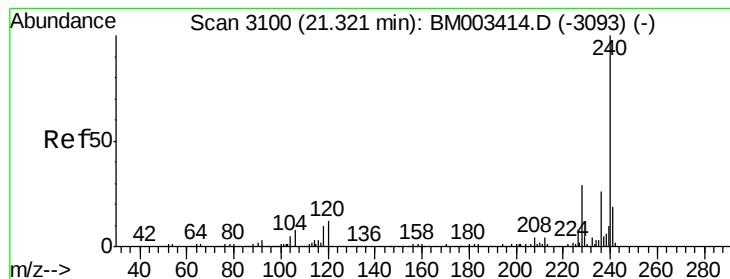
Tgt Ion:149 Resp: 468863
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 4.8 3.7 5.5



#74
Fluoranthene
Concen: 35.69 ng
RT: 19.19 min Scan# 2737
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:202 Resp: 500106
Ion Ratio Lower Upper
202 100
101 11.0 0.0 28.7
203 17.5 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

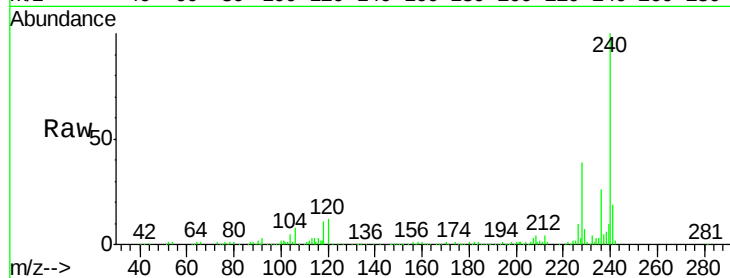
Tgt Ion:240 Resp: 246113

Ion Ratio Lower Upper

240 100

120 12.0 8.2 12.2

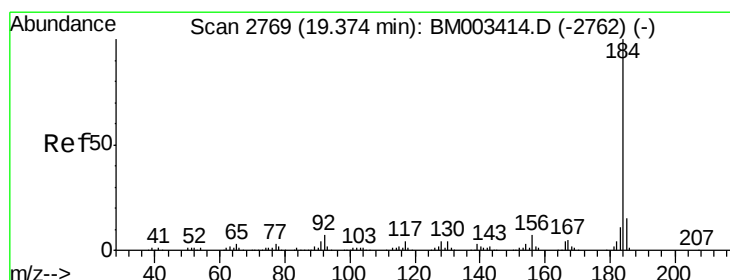
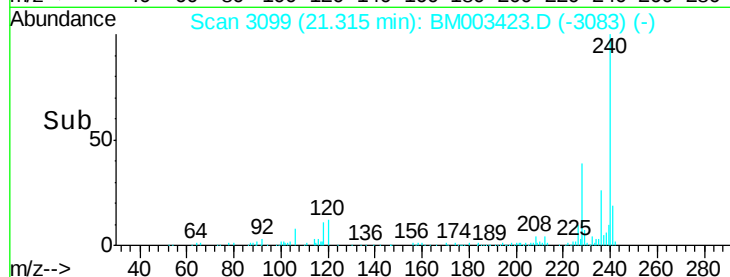
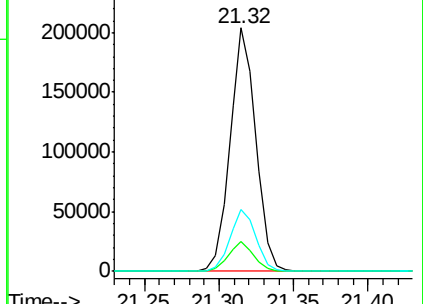
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 20.14 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

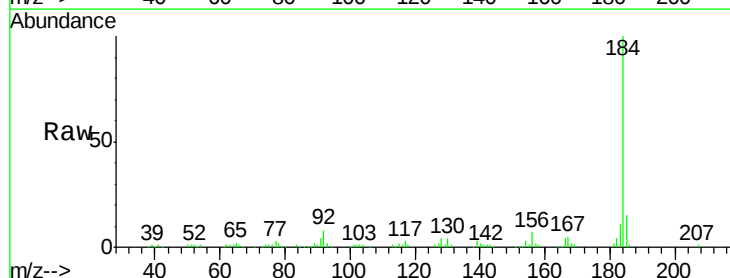
Tgt Ion:184 Resp: 158791

Ion Ratio Lower Upper

184 100

185 15.2 11.3 16.9

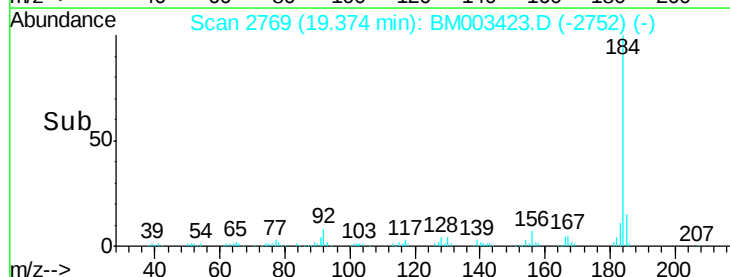
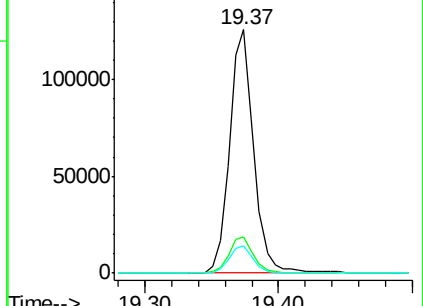
183 11.2 8.9 13.3

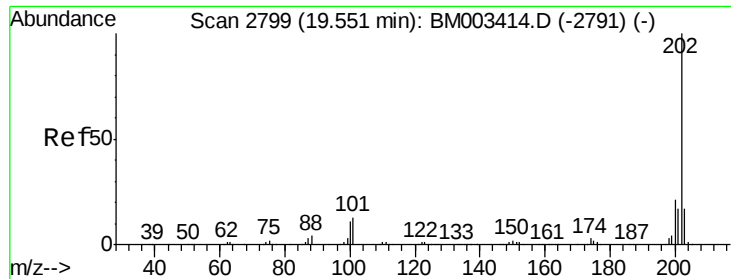


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

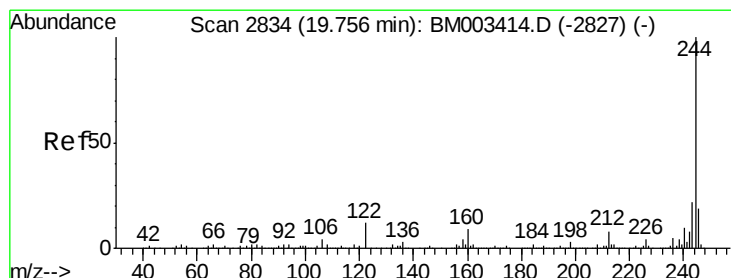
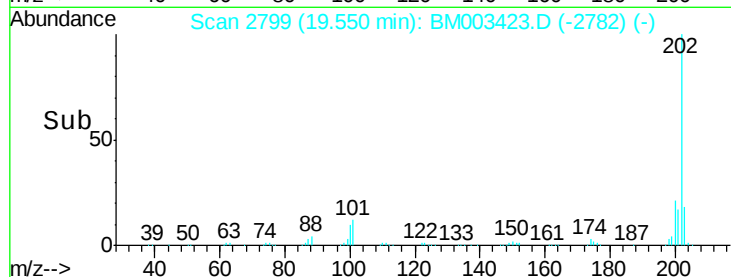
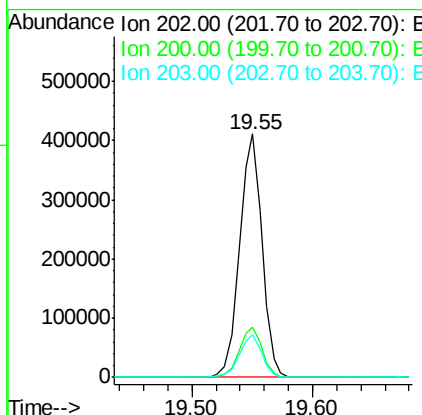
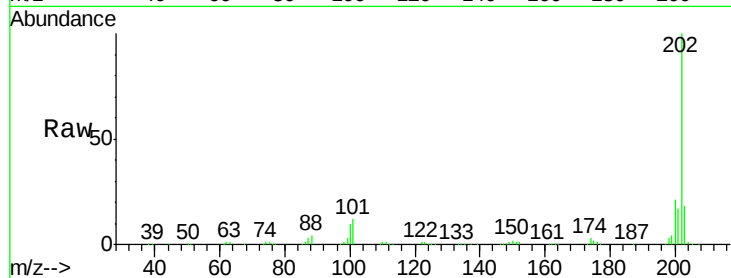




#77
 Pyrene
 Concen: 30.81 ng
 RT: 19.55 min Scan# 2799
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

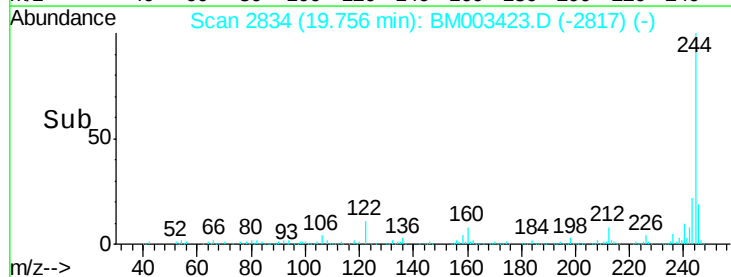
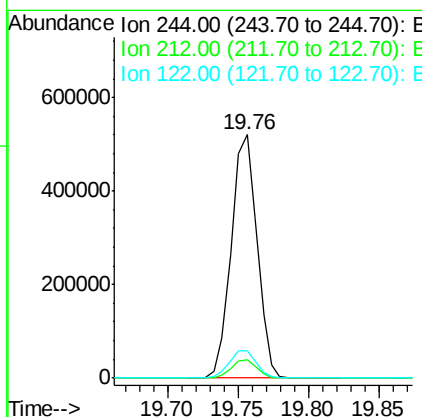
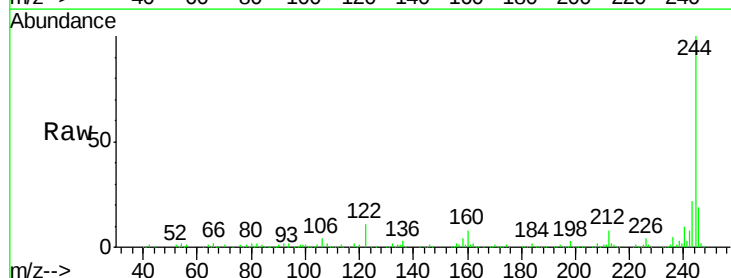
Instrument :
 BNA_M
 ClientSampleID :
 PB87163BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.9	25.3
203	17.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 63.63 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	11.3	6.2	9.4#

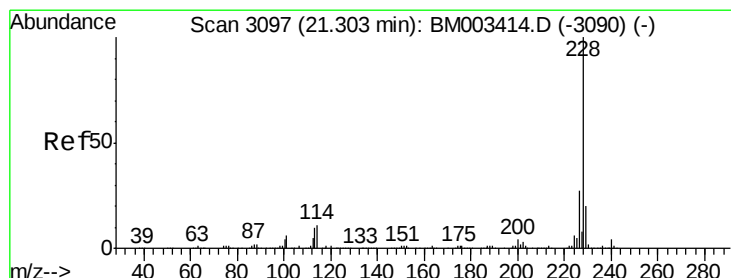
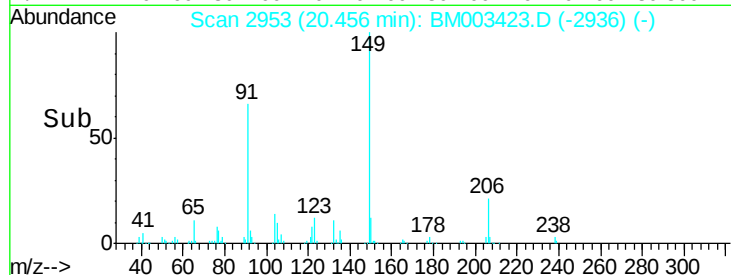
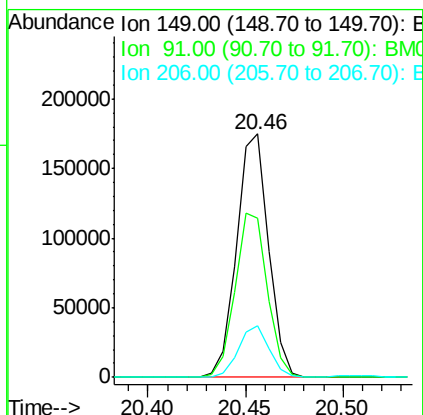
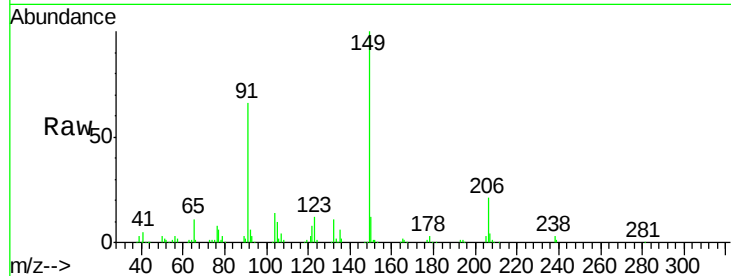




#79
Butylbenzylphthalate
Concen: 29.79 ng
RT: 20.46 min Scan# 2953
Delta R.T. 0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

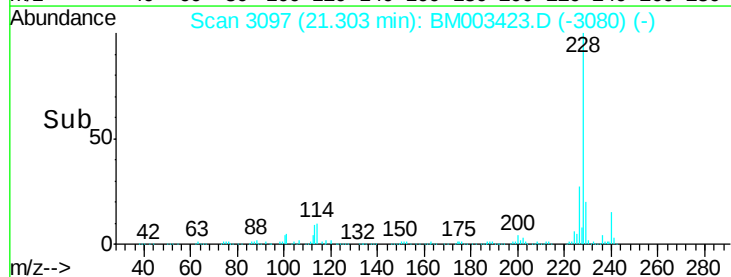
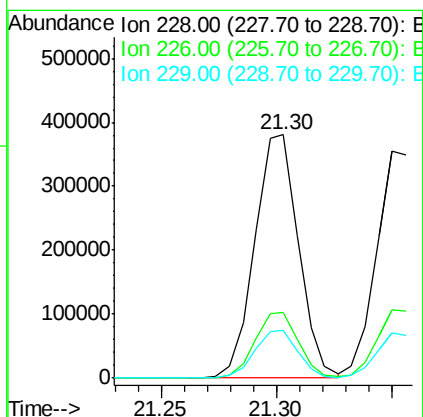
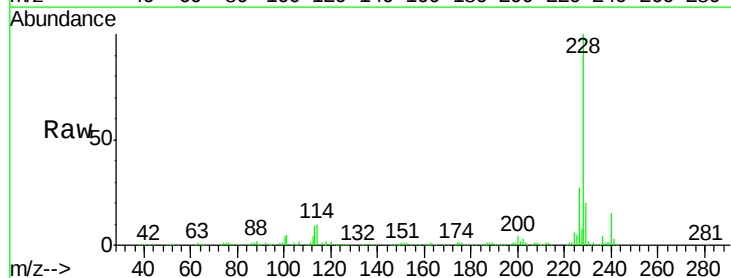
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

Tgt Ion:149 Resp: 197987
Ion Ratio Lower Upper
149 100
91 65.6 50.1 75.1
206 21.4 16.2 24.2



#80
Benzo(a)anthracene
Concen: 34.00 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:228 Resp: 501687
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.6 16.0 24.0

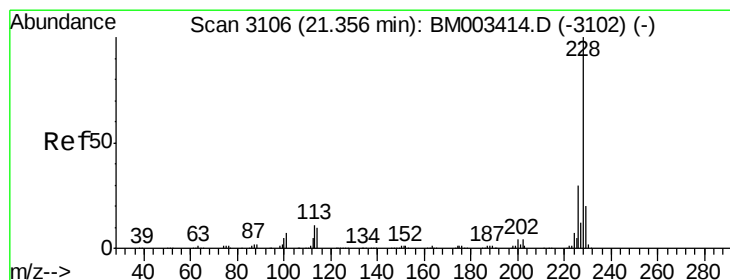
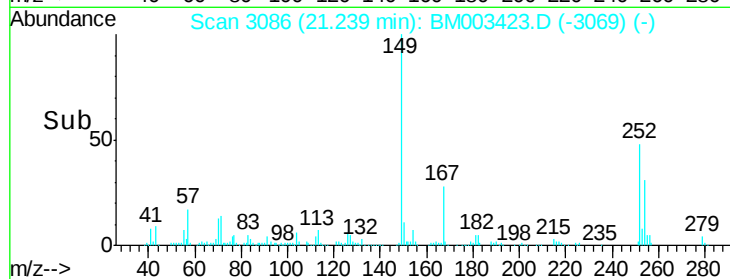
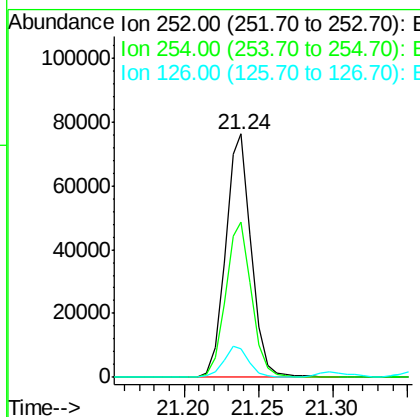
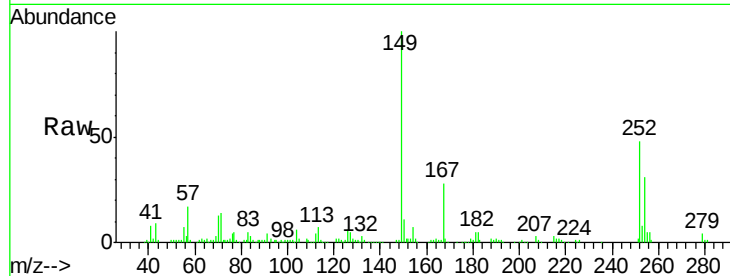




#81
 3,3'-Dichlorobenzidine
 Concen: 19.62 ng
 RT: 21.24 min Scan# 3086
 Delta R.T. -0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

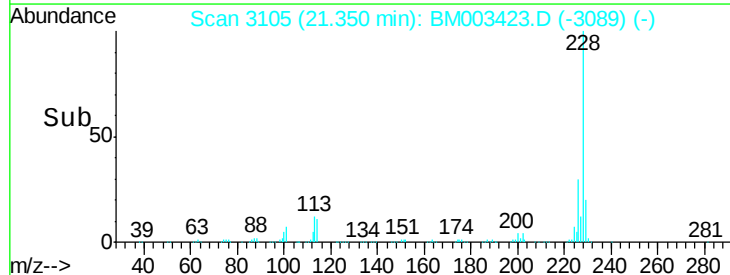
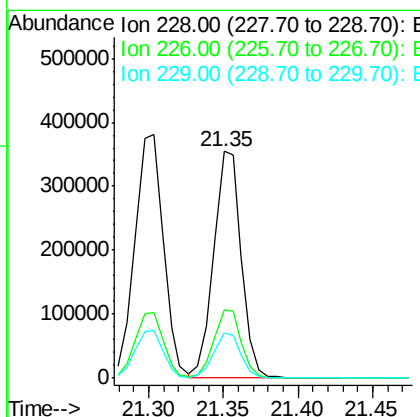
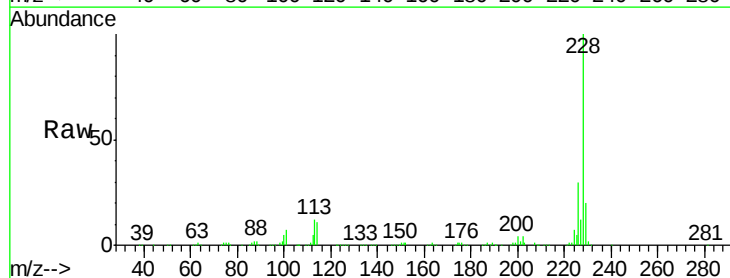
Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

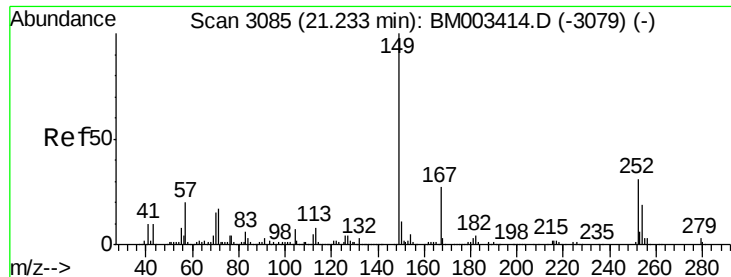
Tgt Ion:252 Resp: 92172
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.9 77.9
 126 11.7 9.8 14.8



#82
 Chrysene
 Concen: 32.19 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:228 Resp: 457199
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 19.8 15.5 23.3

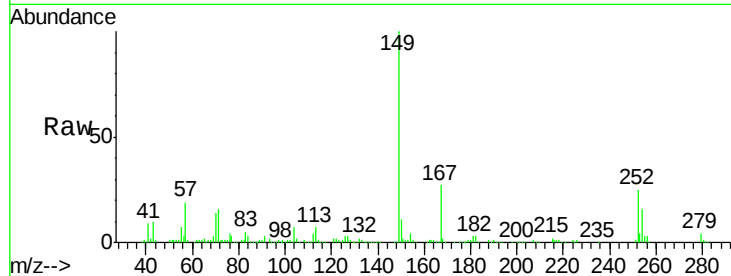




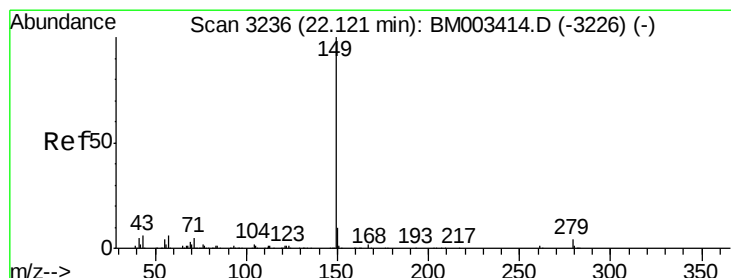
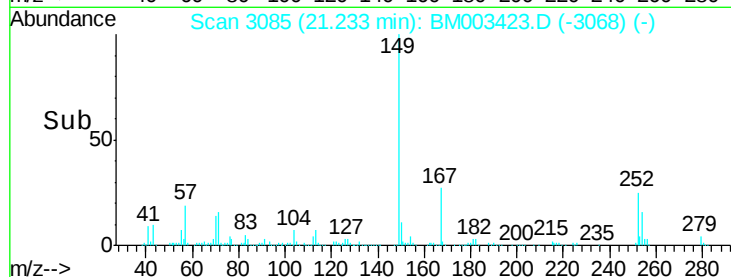
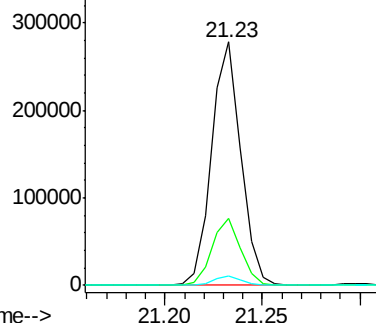
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.75 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. 0.00 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Instrument :
 BNA_M
 ClientSampleId :
 PB87163BSD

Tgt Ion:149 Resp: 289403
 Ion Ratio Lower Upper
 149 100
 167 27.3 22.4 33.6
 279 3.9 3.4 5.0

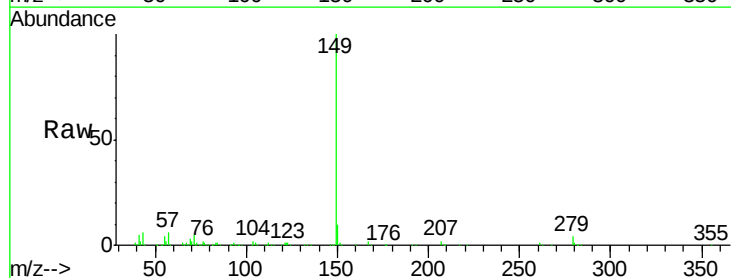


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

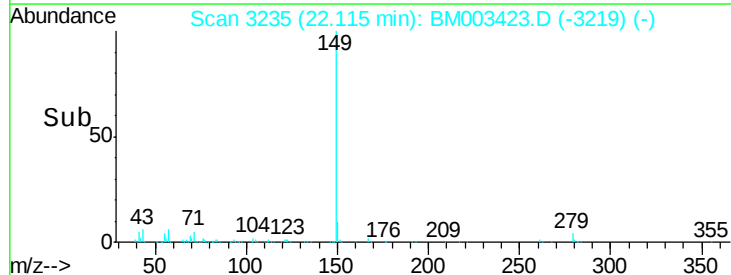
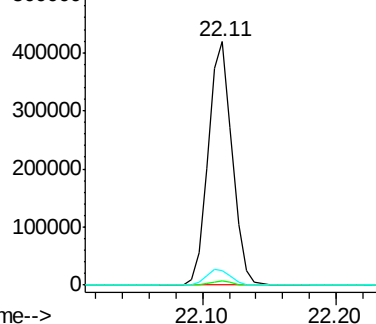


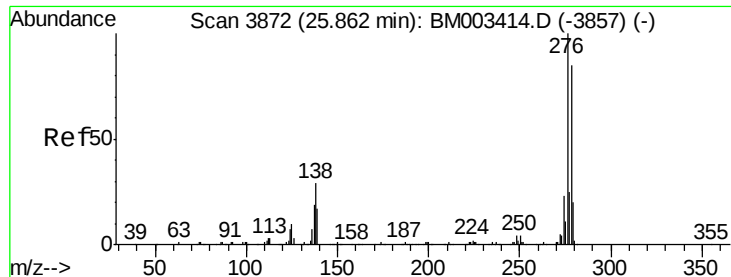
#84
 Di-n-octyl phthalate
 Concen: 34.57 ng
 RT: 22.11 min Scan# 3235
 Delta R.T. -0.01 min
 Lab File: BM003423.D
 Acq: 09 Dec 2015 21:30

Tgt Ion:149 Resp: 520709
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 6.7 7.3 10.9#



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.72 ng

RT: 25.85 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

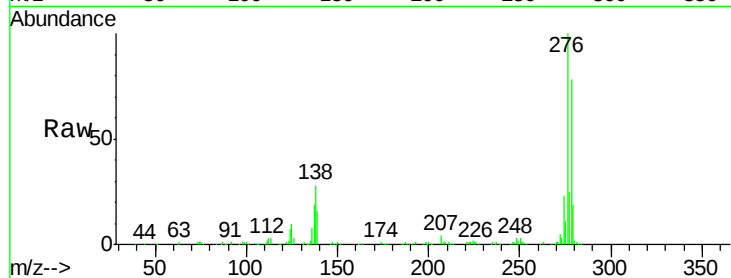
Tgt Ion:276 Resp: 592717

Ion Ratio Lower Upper

276 100

138 28.3 0.0 0.0#

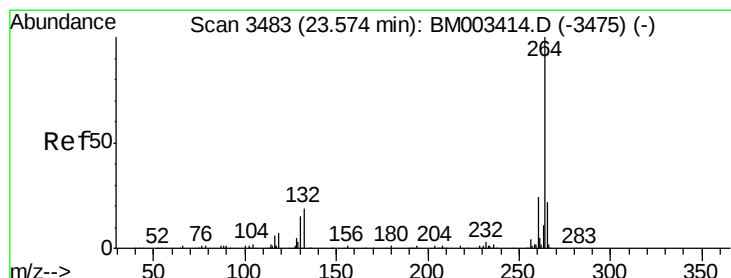
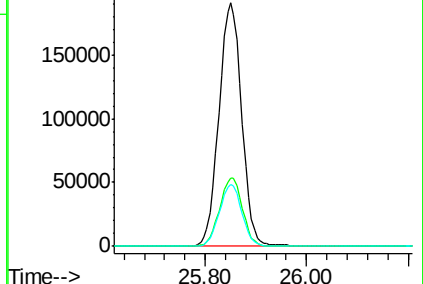
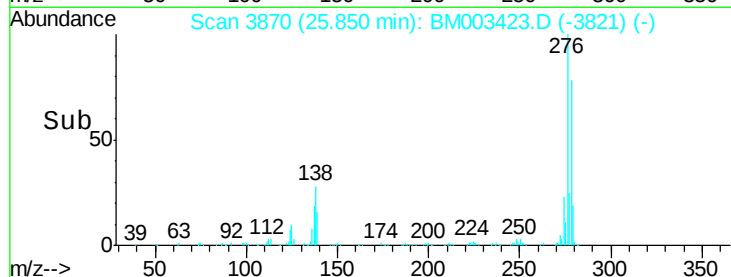
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

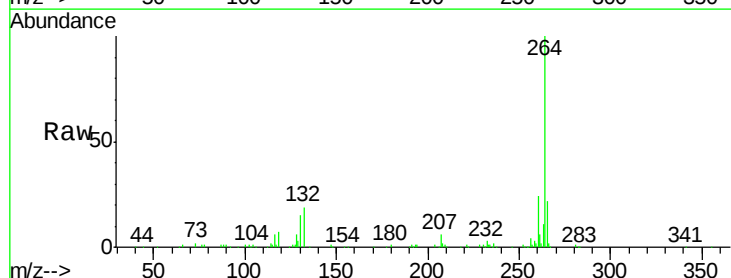
Tgt Ion:264 Resp: 246258

Ion Ratio Lower Upper

264 100

260 23.8 18.6 27.8

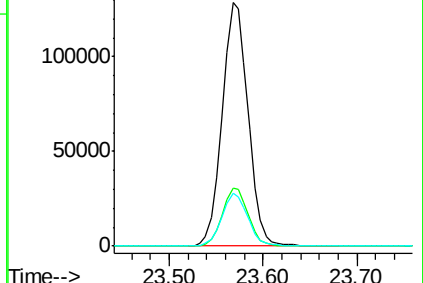
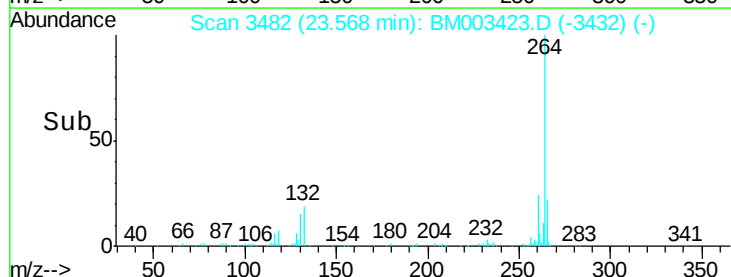
265 21.7 17.3 25.9

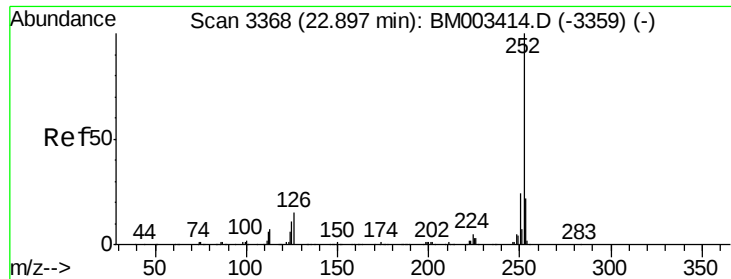


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

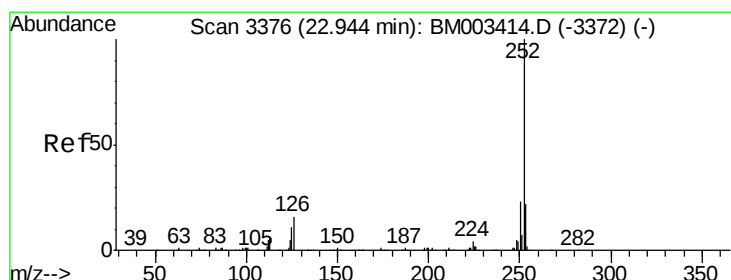
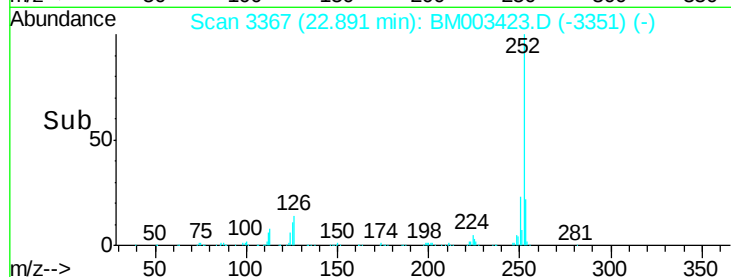
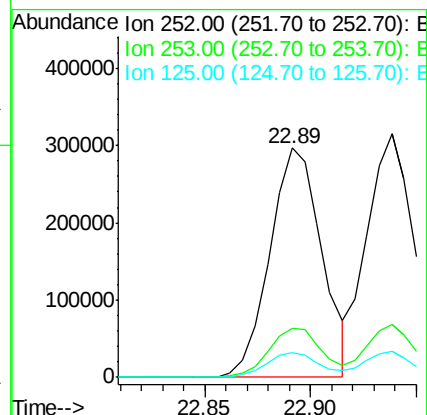
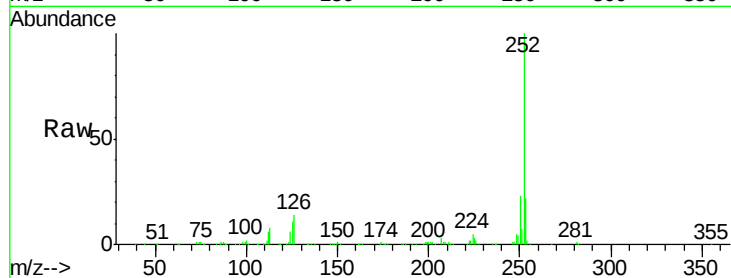




#87
Benzo(b)fluoranthene
Concen: 33.95 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

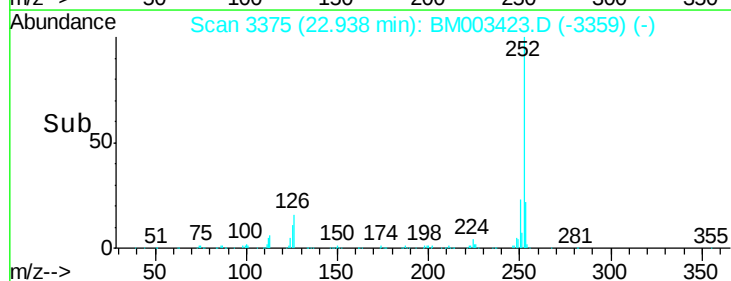
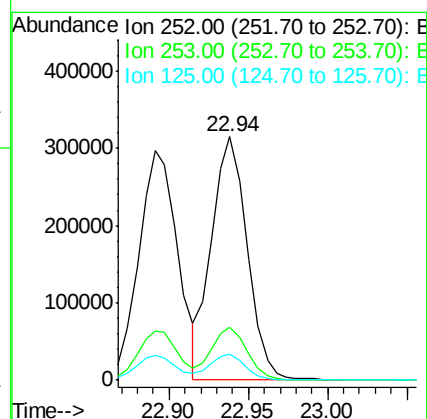
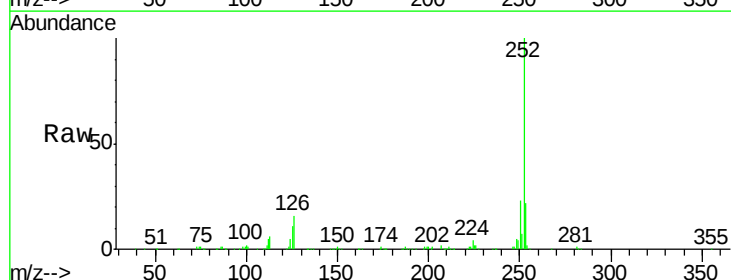
Instrument :
BNA_M
ClientSampleId :
PB87163BSD

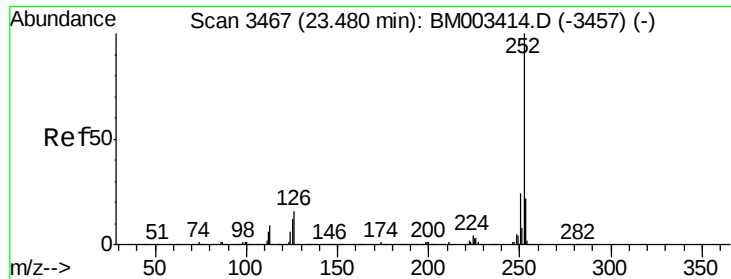
Tgt Ion:252 Resp: 508245
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 11.1 9.9 14.9



#88
Benzo(k)fluoranthene
Concen: 33.73 ng
RT: 22.94 min Scan# 3375
Delta R.T. -0.01 min
Lab File: BM003423.D
Acq: 09 Dec 2015 21:30

Tgt Ion:252 Resp: 492937
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 10.7 8.1 12.1





#89

Benzo(a)pyrene

Concen: 34.80 ng

RT: 23.47 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD

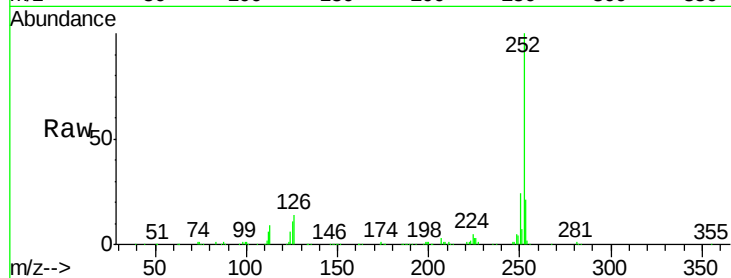
Tgt Ion:252 Resp: 489945

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

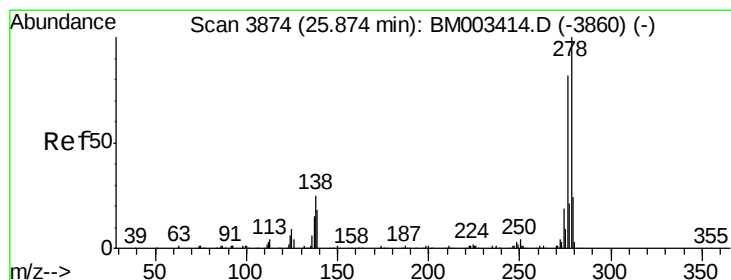
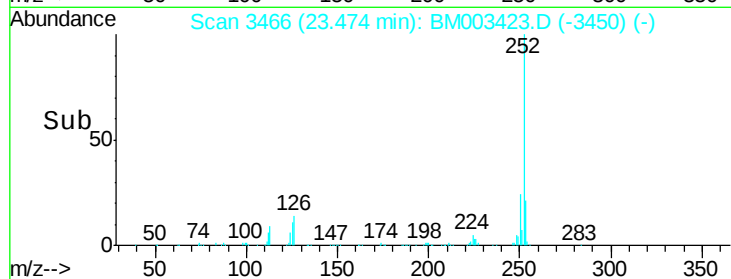
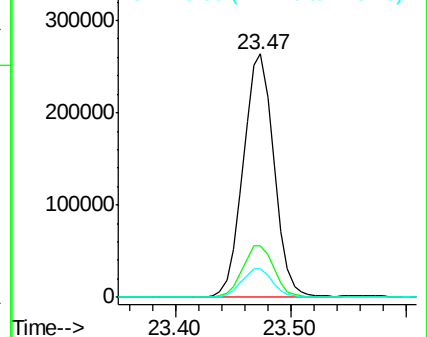
125 11.5 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 36.47 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM003423.D

Acq: 09 Dec 2015 21:30

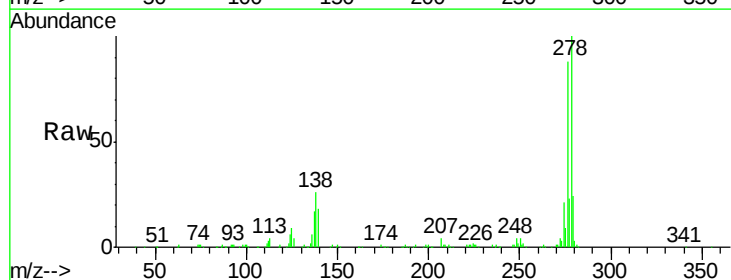
Tgt Ion:278 Resp: 501355

Ion Ratio Lower Upper

278 100

139 17.8 13.4 20.0

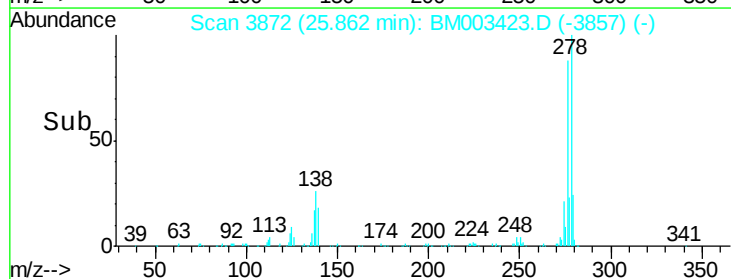
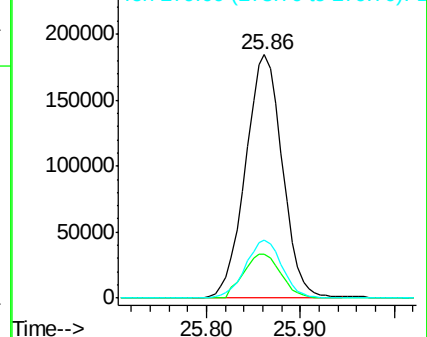
279 24.0 19.0 28.4

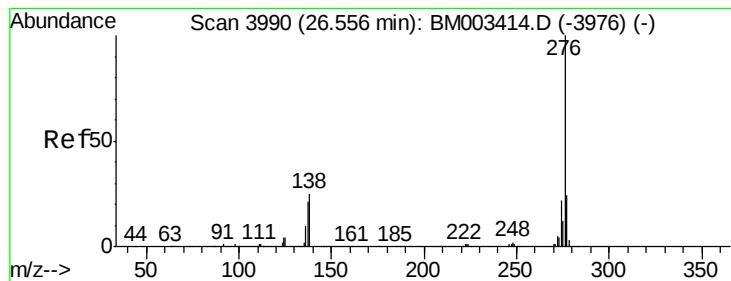


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 36.09 ng

RT: 26.54 min Scan# 3988

Delta R.T. -0.01 min

Lab File: BM003423.D

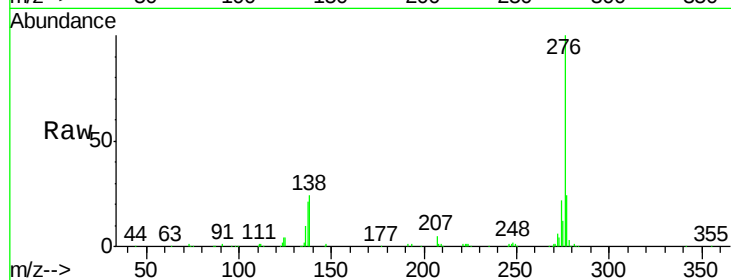
Acq: 09 Dec 2015 21:30

Instrument :

BNA_M

ClientSampleId :

PB87163BSD



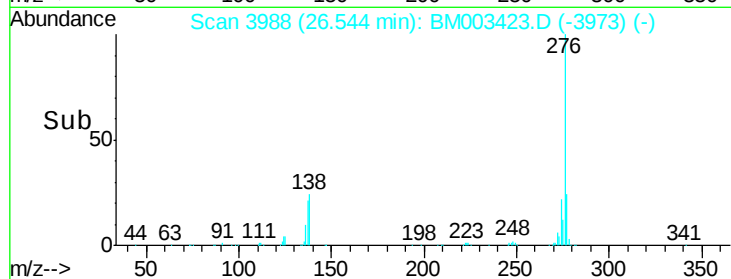
Tgt Ion: 276 Resp: 501193

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 24.4 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

