

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003431.D
 Acq On : 10 Dec 2015 02:18
 Operator : UM/IZ
 Sample : PB87153BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Quant Time: Dec 10 03:42:26 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	74878	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	340787	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	202675	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	458766	20.00	ng	0.00
75) Chrysene-d12	21.32	240	431393	20.00	ng	0.00
86) Perylene-d12	23.57	264	363420	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	596170	141.55	ng	0.00
7) Phenol-d6	6.90	99	802558	137.23	ng	0.00
23) Nitrobenzene-d5	8.88	82	469433	85.41	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	280407	138.53	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1179395	79.28	ng	0.00
78) Terphenyl-d14	19.76	244	1494745	81.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.22	88	54058	30.93	ng	# 100
3) Pyridine	3.60	79	167530	34.22	ng	88
4) n-Nitrosodimethylamine	3.52	42	63686	40.63	ng	88
6) Aniline	7.05	93	302341	39.27	ng	96
8) 2-Chlorophenol	7.29	128	234975	44.06	ng	95
9) Benzaldehyde	6.86	77	104933	36.59	ng	97
10) Phenol	6.92	94	285059	45.94	ng	# 72
11) bis(2-Chloroethyl)ether	7.15	93	197285	39.29	ng	97
12) 1,3-Dichlorobenzene	7.61	146	226018	38.58	ng	99
13) 1,4-Dichlorobenzene	7.76	146	231932	38.40	ng	97
14) 1,2-Dichlorobenzene	8.07	146	224958	39.00	ng	97
15) Benzyl Alcohol	7.96	79	194433	48.05	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	204064	38.05	ng	91
17) 2-Methylphenol	8.16	107	199172	45.91	ng	97
18) Hexachloroethane	8.80	117	81840	39.43	ng	91
19) n-Nitroso-di-n-propylamine	8.53	70	157212	40.98	ng	# 88
20) 3+4-Methylphenols	8.49	107	274308	45.70	ng	97
22) Acetophenone	8.55	105	321605	38.50	ng	# 89
24) Nitrobenzene	8.92	77	237726	40.01	ng	90
25) Isophorone	9.45	82	453334	40.78	ng	98
26) 2-Nitrophenol	9.63	139	123136	40.97	ng	# 92
27) 2,4-Dimethylphenol	9.69	122	234383	44.78	ng	94
28) bis(2-Chloroethoxy)methane	9.93	93	283478	42.44	ng	98
29) 2,4-Dichlorophenol	10.16	162	233913	46.92	ng	97
30) 1,2,4-Trichlorobenzene	10.38	180	218369	39.23	ng	99
31) Naphthalene	10.56	128	711967	39.92	ng	100
32) Benzoic acid	9.84	122	144088	44.79	ng	98
33) 4-Chloroaniline	10.67	127	236099	32.07	ng	# 95
34) Hexachlorobutadiene	10.85	225	127607	38.66	ng	97
35) Caprolactam	11.45	113	43840	26.60	ng	# 70
36) 4-Chloro-3-methylphenol	11.80	107	257702	45.84	ng	90
37) 2-Methylnaphthalene	12.18	142	533013	43.58	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.56	216	247445	37.98	ng	# 100
40) Hexachlorocyclopentadiene	12.53	237	295281	81.25	ng	99

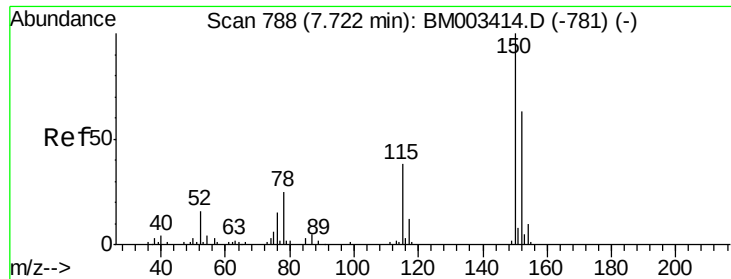
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003431.D
 Acq On : 10 Dec 2015 02:18
 Operator : UM/IZ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.80	196	186930	43.99	ng	99
43) 2,4,5-Trichlorophenol	12.87	196	204620	45.81	ng #	90
45) 1,1'-Biphenyl	13.20	154	682017	37.95	ng	98
46) 2-Chloronaphthalene	13.25	162	518859	39.30	ng #	93
47) 2-Nitroaniline	13.45	65	146079	44.61	ng	96
48) Acenaphthylene	14.10	152	889606	40.42	ng	100
49) Dimethylphthalate	13.83	163	699681	41.89	ng	99
50) 2,6-Dinitrotoluene	13.96	165	154483	44.33	ng	92
51) Acenaphthene	14.44	154	512952	40.22	ng	100
52) 3-Nitroaniline	14.29	138	135132	37.89	ng	91
53) 2,4-Dinitrophenol	14.49	184	158129	80.28	ng #	79
54) Dibenzofuran	14.77	168	828924	45.00	ng	94
55) 4-Nitrophenol	14.60	139	276602	93.92	ng	82
56) 2,4-Dinitrotoluene	14.75	165	217386	48.08	ng #	71
57) Fluorene	15.43	166	643783	42.16	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.00	232	174425	50.80	ng #	100
59) Diethylphthalate	15.20	149	721988	44.03	ng	98
60) 4-Chlorophenyl-phenylether	15.42	204	310368	40.19	ng	93
61) 4-Nitroaniline	15.45	138	174104	47.81	ng #	74
62) Azobenzene	15.72	77	614077	47.77	ng	97
64) 4,6-Dinitro-2-methylphenol	15.51	198	111861	40.41	ng	82
65) n-Nitrosodiphenylamine	15.64	169	591320	40.77	ng	99
66) 4-Bromophenyl-phenylether	16.32	248	193467	39.11	ng #	86
67) Hexachlorobenzene	16.43	284	213444	40.16	ng #	84
68) Atrazine	16.59	200	211800	46.82	ng	98
69) Pentachlorophenol	16.77	266	261684	86.26	ng	98
70) Phenanthrene	17.16	178	1064195	41.34	ng	99
71) Anthracene	17.26	178	1074066	41.99	ng	99
72) Carbazole	17.53	167	1008962	45.28	ng	100
73) Di-n-butylphthalate	18.09	149	1222356	46.92	ng	99
74) Fluoranthene	19.19	202	1200814	45.23	ng	97
76) Benzidine	19.37	184	759470	54.95	ng	99
77) Pyrene	19.55	202	1235571	40.84	ng	99
79) Butylbenzylphthalate	20.45	149	539622	46.32	ng	94
80) Benzo(a)anthracene	21.30	228	1100020	42.53	ng	100
81) 3,3'-Dichlorobenzidine	21.23	252	280226	34.03	ng	99
82) Chrysene	21.35	228	991651	39.84	ng	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	731696	45.79	ng	99
84) Di-n-octyl phthalate	22.11	149	1235758	46.81	ng #	94
85) Indeno(1,2,3-cd)pyrene	25.85	276	965138	36.90	ng #	100
87) Benzo(b)fluoranthene	22.89	252	1002011	45.36	ng	98
88) Benzo(k)fluoranthene	22.94	252	902775	41.86	ng	99
89) Benzo(a)pyrene	23.47	252	904972	43.55	ng #	97
90) Dibenzo(a,h)anthracene	25.86	278	807584	39.81	ng	98
91) Benzo(g,h,i)perylene	26.55	276	809045	39.47	ng	99

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

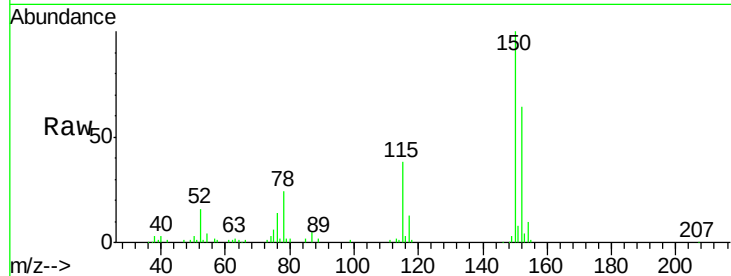


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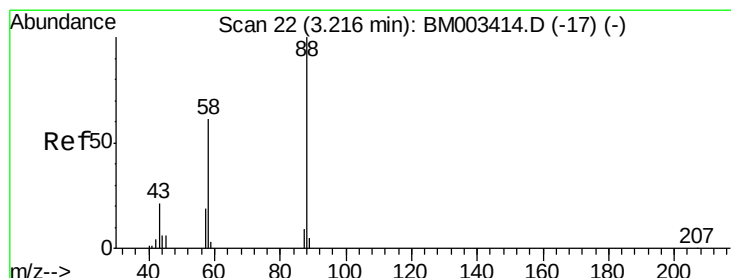
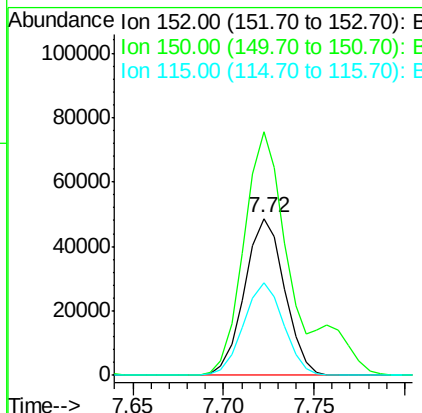
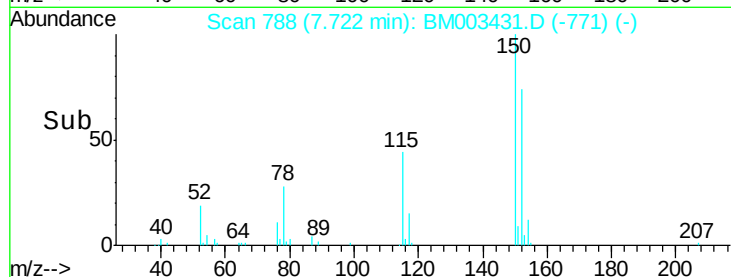
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion: 152 Resp: 74878
Ion Ratio Lower Upper
152 100
150 155.2 119.5 179.3
115 59.3 43.0 64.4



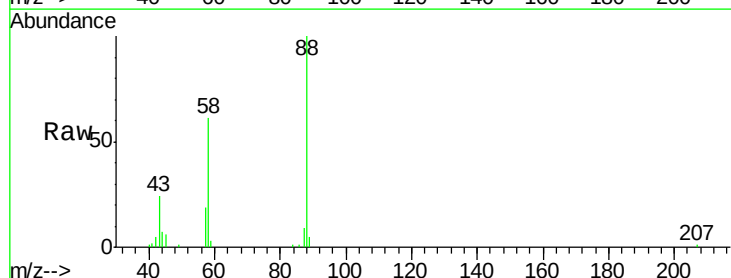
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



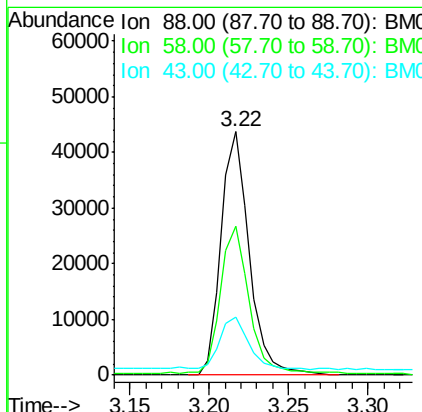
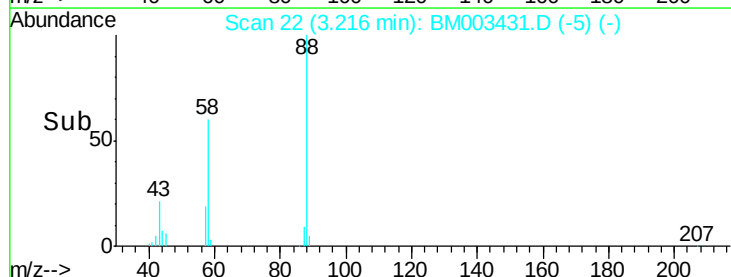
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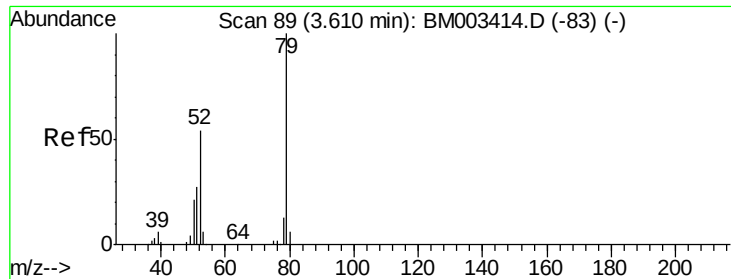
1,4-Dioxane
Concen: 30.93 ng
RT: 3.22 min Scan# 22
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion: 88 Resp: 54058
Ion Ratio Lower Upper
88 100
58 60.8 0.0 0.0#
43 23.5 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: 34.22 ng

RT: 3.60 min Scan# 88

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

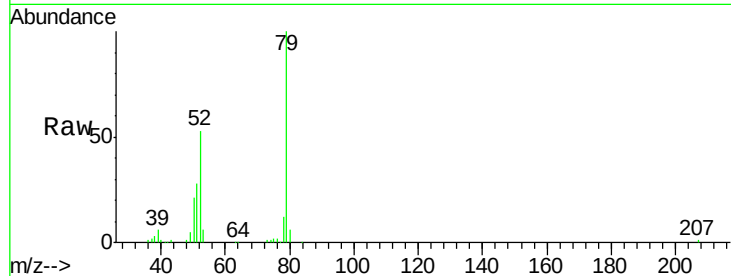
Tgt Ion: 79 Resp: 167530

Ion Ratio Lower Upper

79 100

52 53.5 51.1 76.7

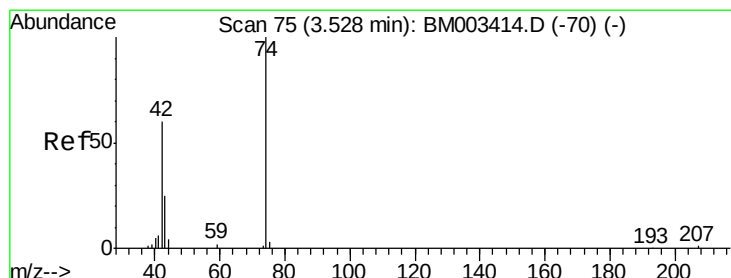
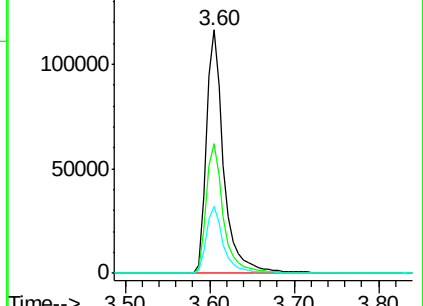
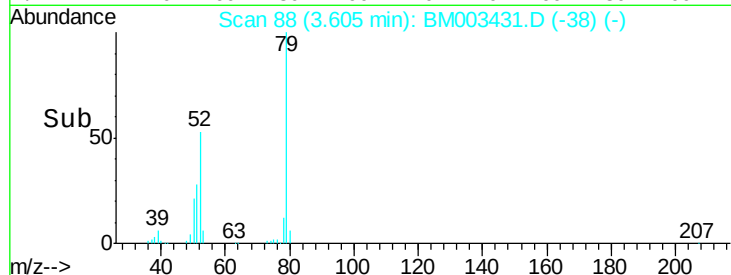
51 27.5 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM003431.D (-83) (-)

Ion 52.00 (51.70 to 52.70): BM003431.D (-83) (-)

Ion 51.00 (50.70 to 51.70): BM003431.D (-83) (-)



#4

n-Nitrosodimethylamine

Concen: 40.63 ng

RT: 3.52 min Scan# 74

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

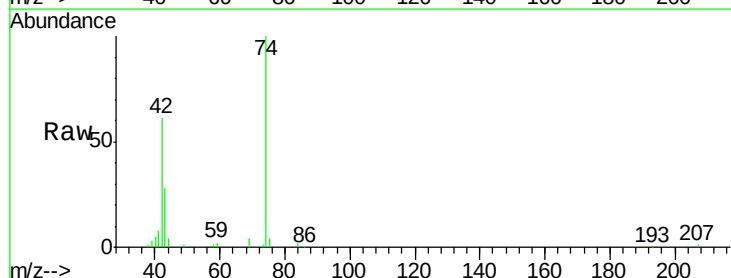
Tgt Ion: 42 Resp: 63686

Ion Ratio Lower Upper

42 100

74 164.9 119.3 178.9

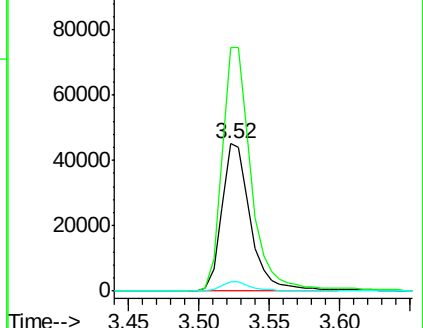
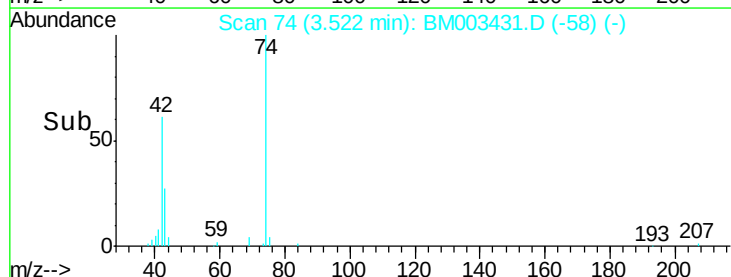
44 6.1 5.4 8.2

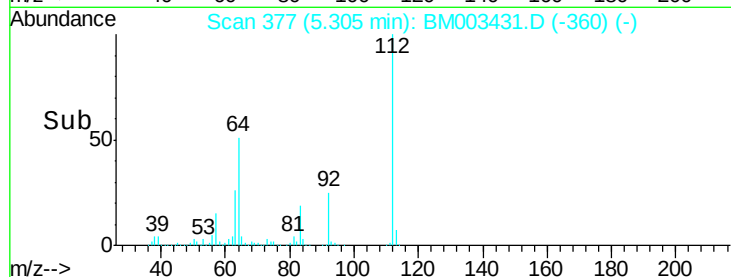
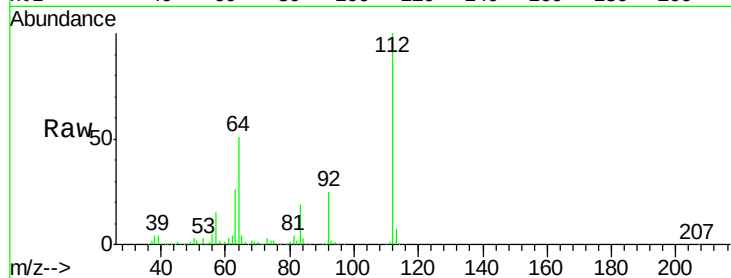
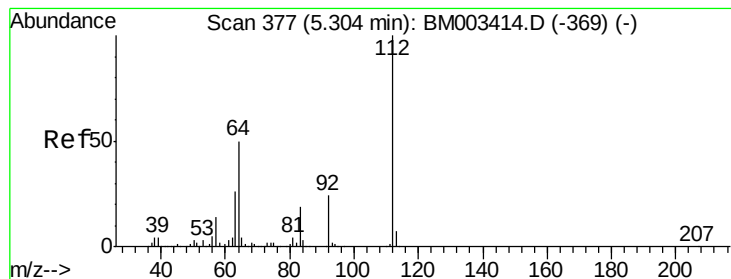


Abundance Ion 42.00 (41.70 to 42.70): BM003431.D (-58) (-)

Ion 74.00 (73.70 to 74.70): BM003431.D (-58) (-)

Ion 44.00 (43.70 to 44.70): BM003431.D (-58) (-)





#5

2-Fluorophenol

Concen: 141.55 ng

RT: 5.30 min Scan# 377

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

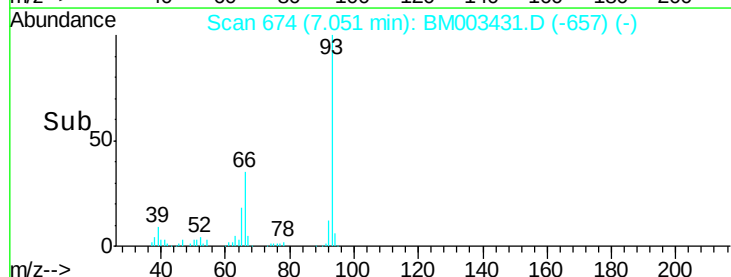
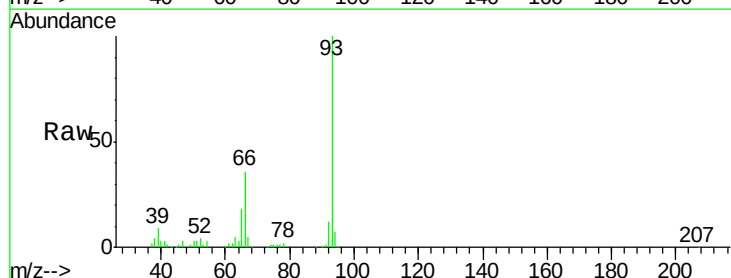
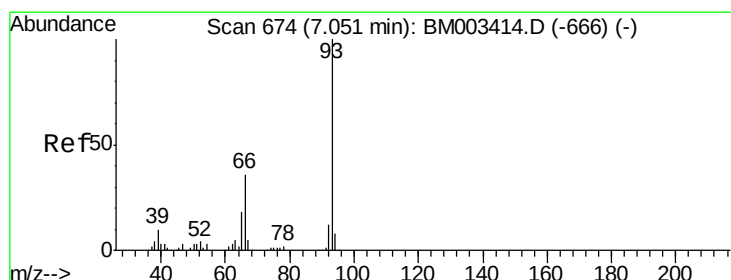
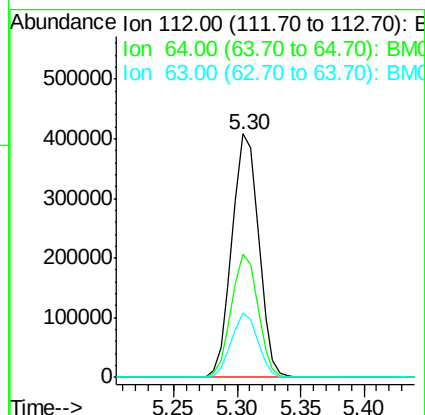
Tgt Ion: 112 Resp: 596170

Ion Ratio Lower Upper

112 100

64 50.7 38.6 57.8

63 26.3 19.3 28.9



#6

Aniline

Concen: 39.27 ng

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

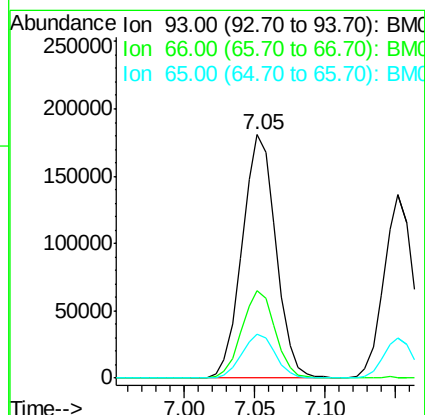
Tgt Ion: 93 Resp: 302341

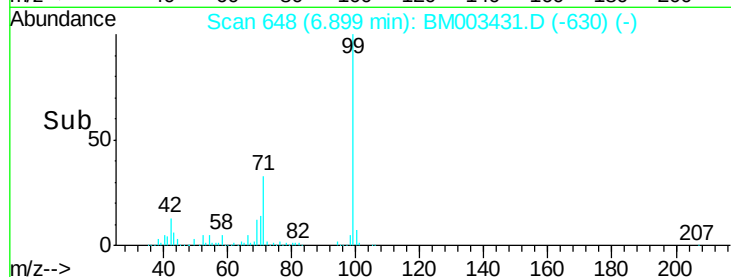
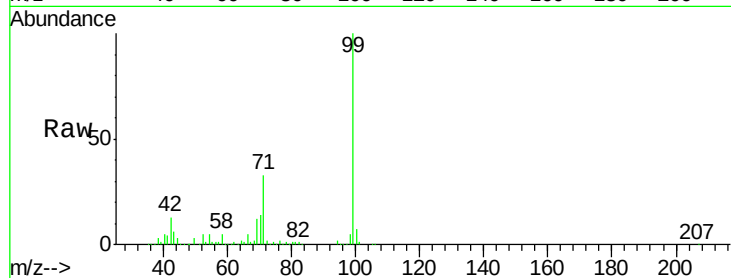
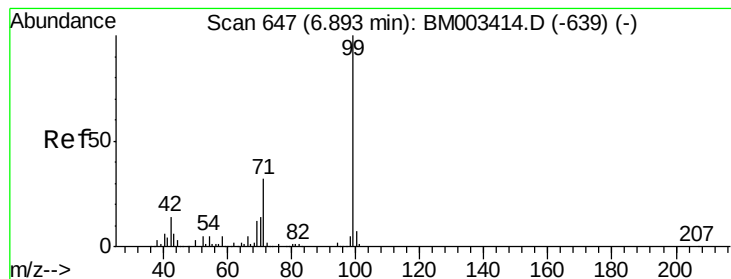
Ion Ratio Lower Upper

93 100

66 35.8 30.8 46.2

65 17.9 16.0 24.0





#7

Phenol-d6

Concen: 137.23 ng

RT: 6.90 min Scan# 648

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

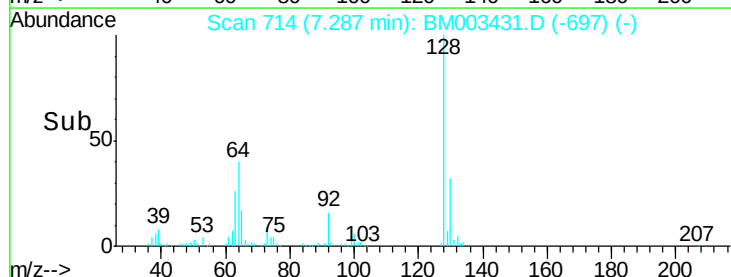
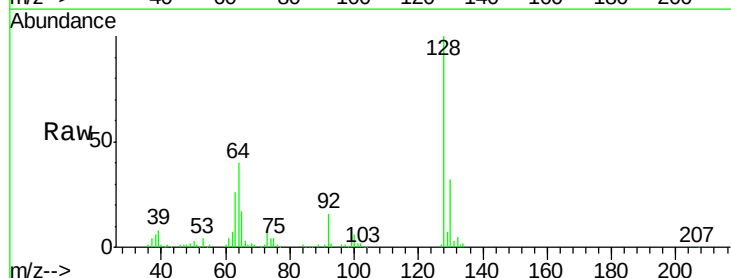
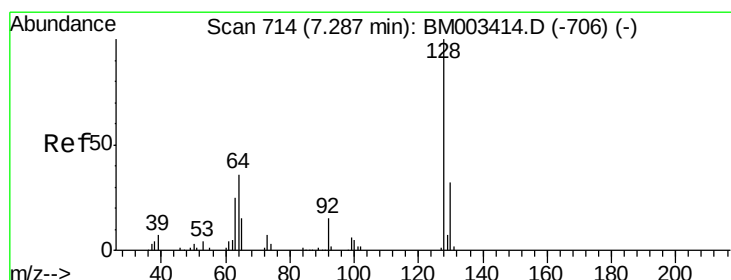
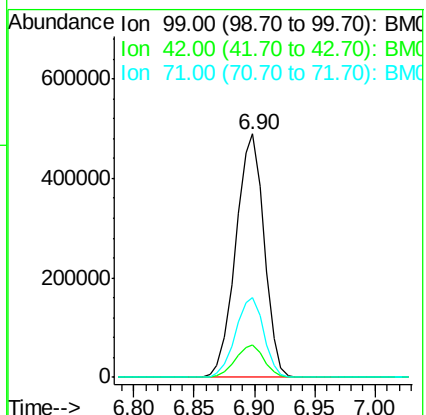
Tgt Ion: 99 Resp: 802558

Ion Ratio Lower Upper

99 100

42 13.1 11.0 16.4

71 32.7 23.4 35.2



#8

2-Chlorophenol

Concen: 44.06 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

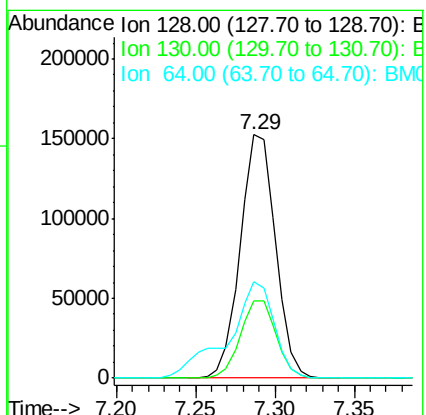
Tgt Ion: 128 Resp: 234975

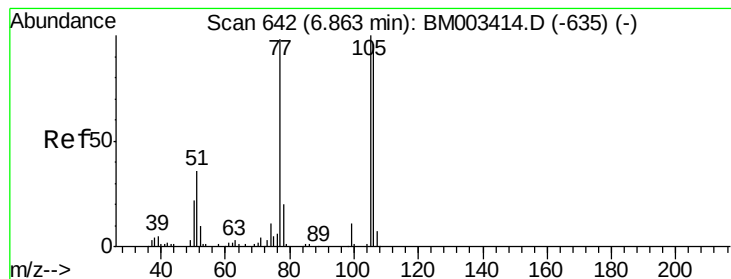
Ion Ratio Lower Upper

128 100

130 31.6 12.0 52.0

64 39.6 24.9 64.9





#9

Benzaldehyde

Concen: 36.59 ng

RT: 6.86 min Scan# 642

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

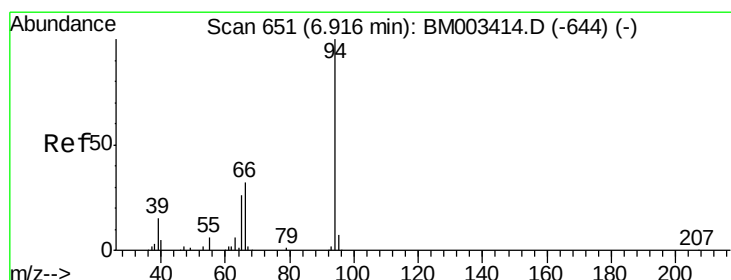
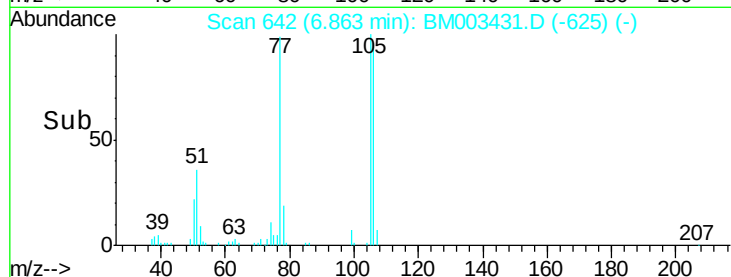
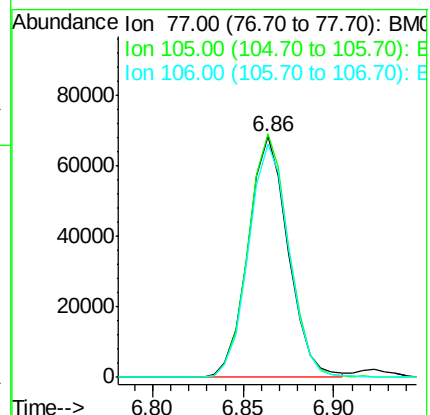
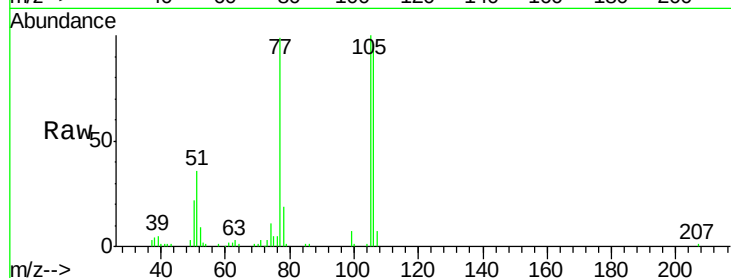
Tgt Ion: 77 Resp: 104933

Ion Ratio Lower Upper

77 100

105 101.2 78.8 118.8

106 97.0 73.7 113.7



#10

Phenol

Concen: 45.94 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

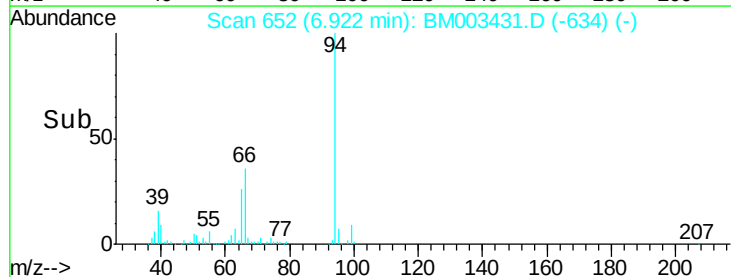
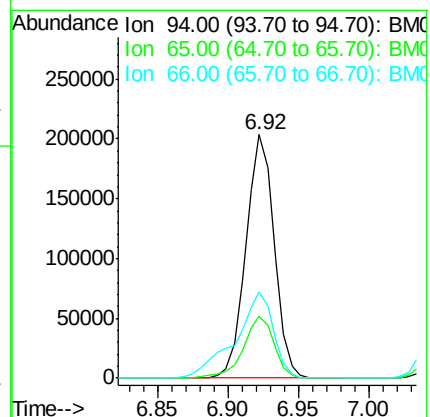
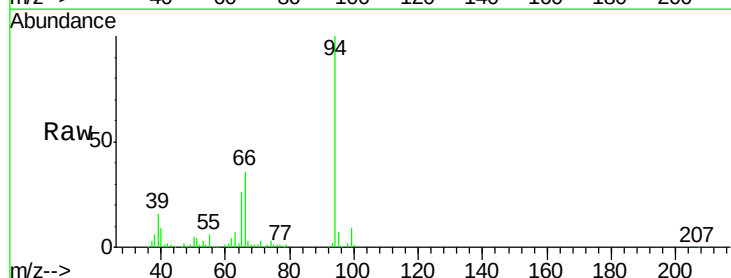
Tgt Ion: 94 Resp: 285059

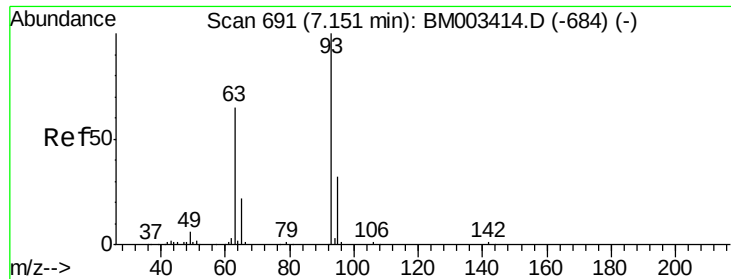
Ion Ratio Lower Upper

94 100

65 25.6 18.8 58.8

66 35.5 39.9 79.9#

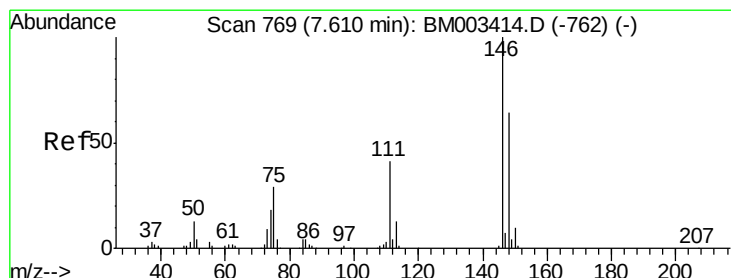
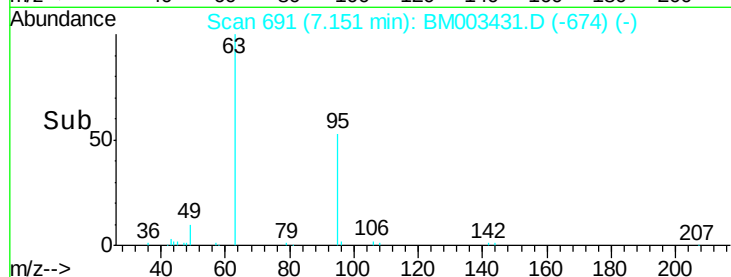
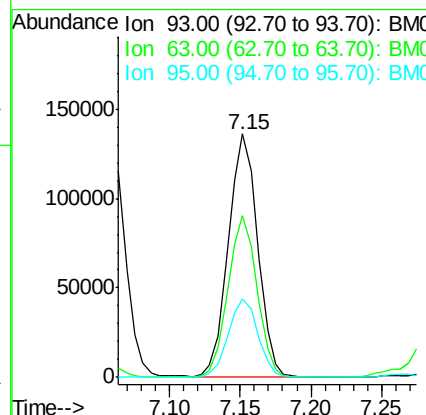
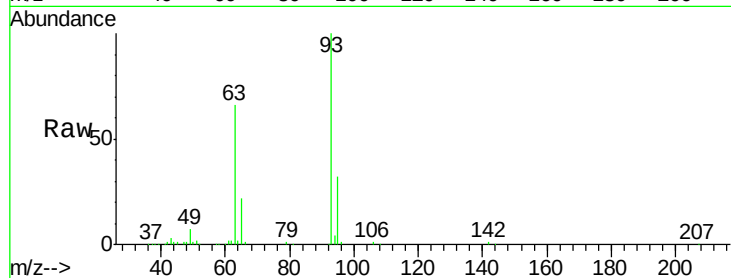




#11
bis(2-Chloroethyl)ether
Concen: 39.29 ng
RT: 7.15 min Scan# 691
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

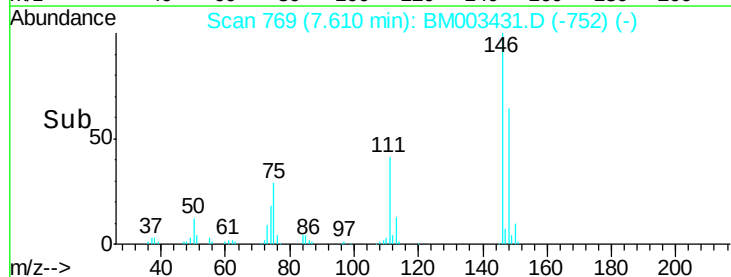
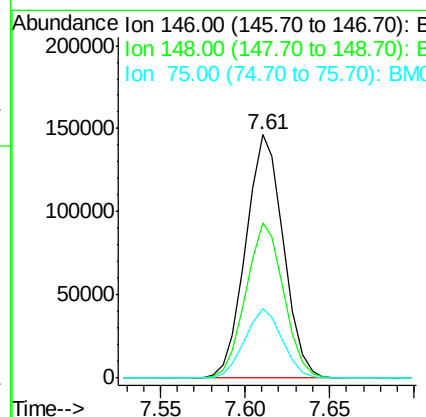
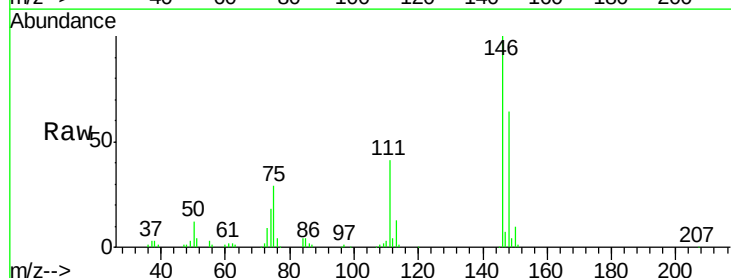
Instrument :
BNA_M
ClientSampleId :
PB87153BS

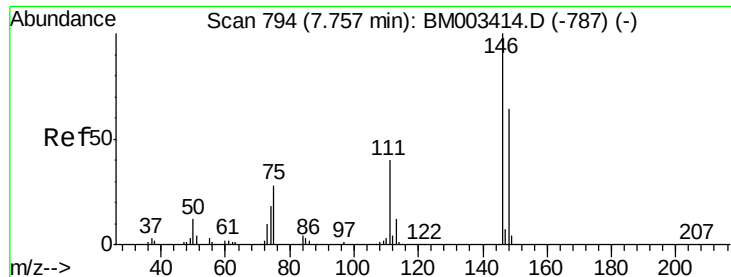
Tgt Ion	Ratio	Lower	Upper
93	100		
63	66.4	49.5	89.5
95	32.5	13.5	53.5



#12
1,3-Dichlorobenzene
Concen: 38.58 ng
RT: 7.61 min Scan# 769
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	50.9	76.3
75	28.5	21.4	32.2

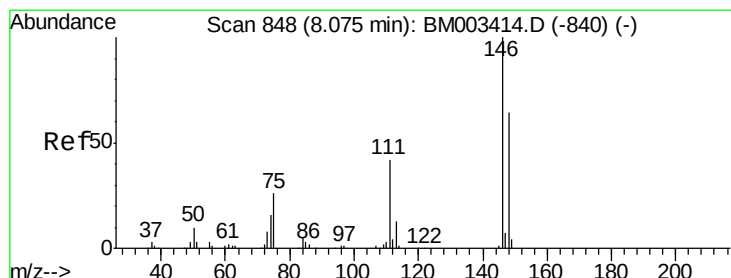
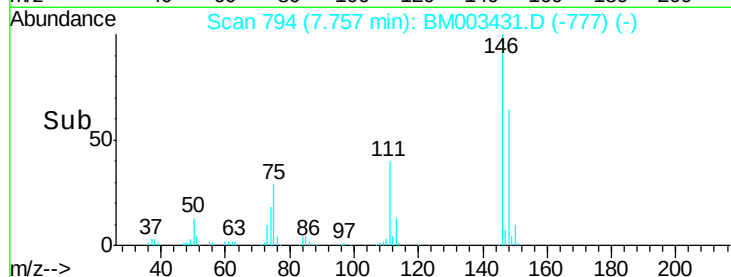
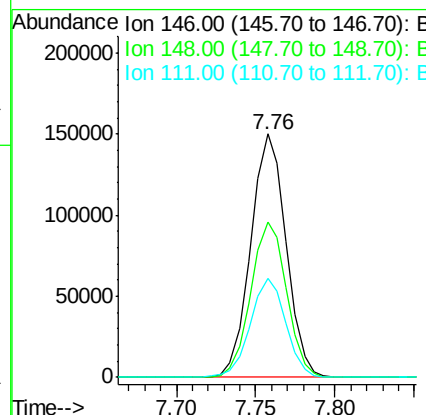
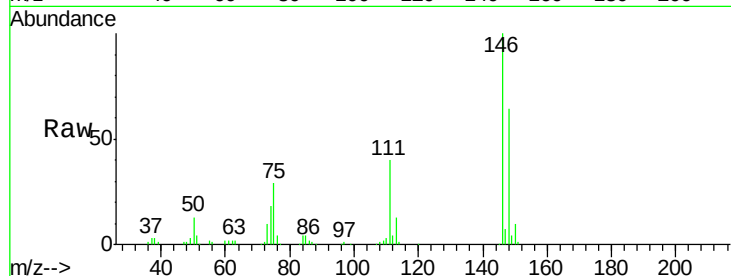




#13
 1,4-Dichlorobenzene
 Concen: 38.40 ng
 RT: 7.76 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

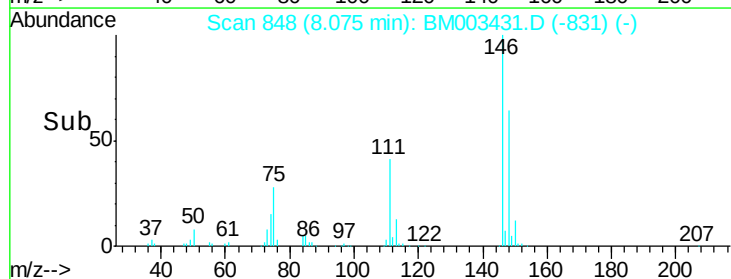
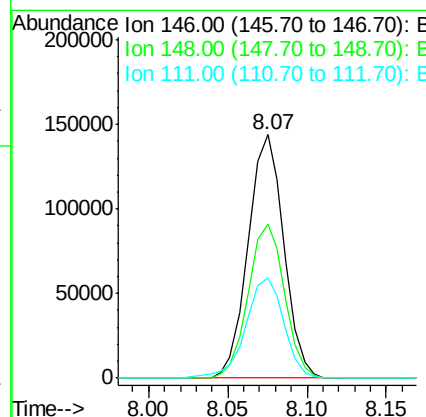
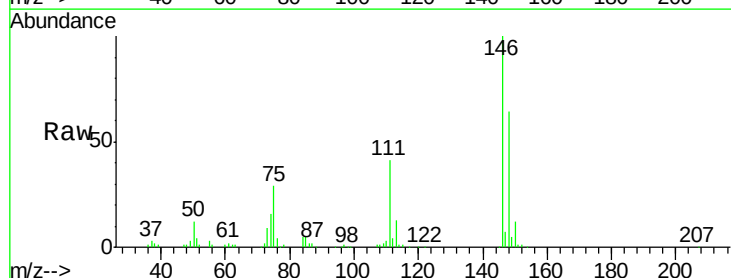
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

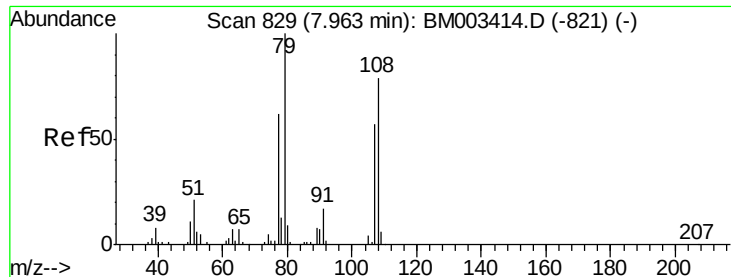
Tgt Ion:146 Resp: 231932
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.9 77.9
 111 40.5 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 39.00 ng
 RT: 8.07 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:146 Resp: 224958
 Ion Ratio Lower Upper
 146 100
 148 63.5 52.3 78.5
 111 41.4 30.6 45.8





#15

Benzyl Alcohol

Concen: 48.05 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

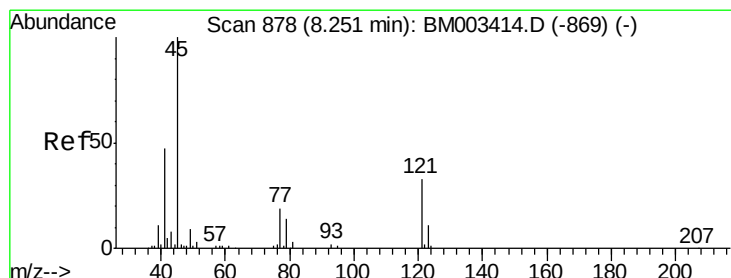
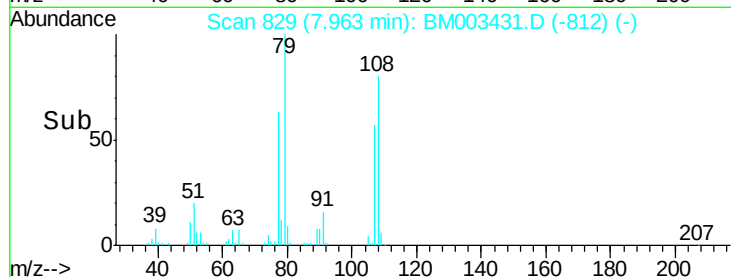
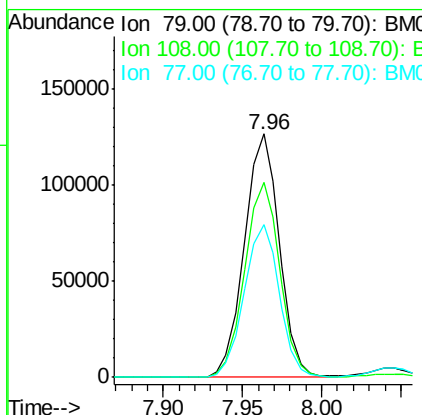
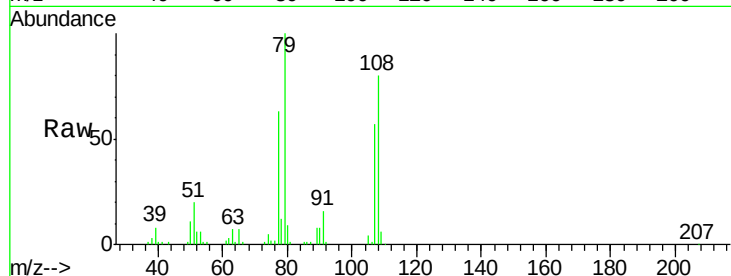
Tgt Ion: 79 Resp: 194433

Ion Ratio Lower Upper

79 100

108 80.1 65.0 97.4

77 62.9 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 38.05 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

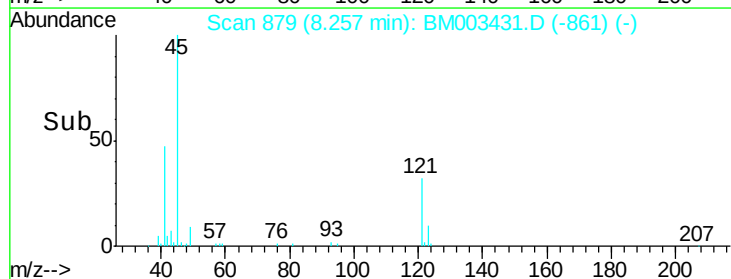
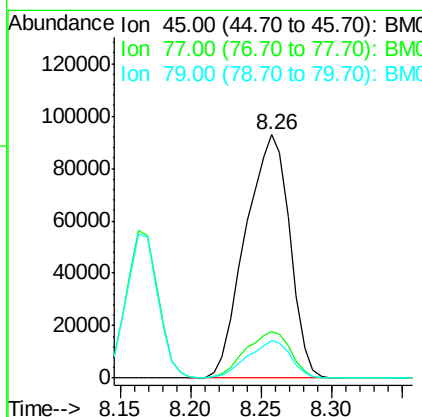
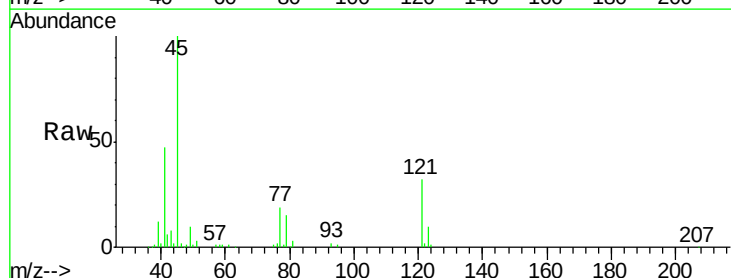
Tgt Ion: 45 Resp: 204064

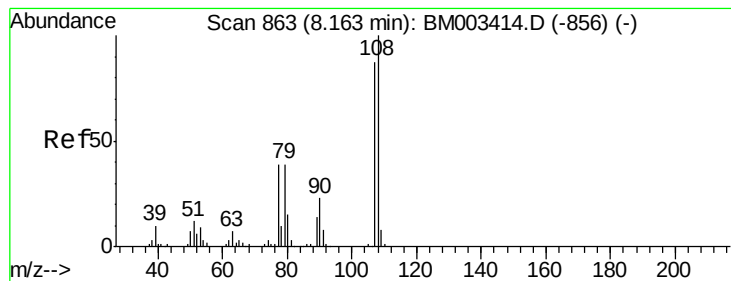
Ion Ratio Lower Upper

45 100

77 19.1 0.0 35.2

79 15.2 0.0 32.0





#17

2-Methylphenol

Concen: 45.91 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion:107 Resp: 199172

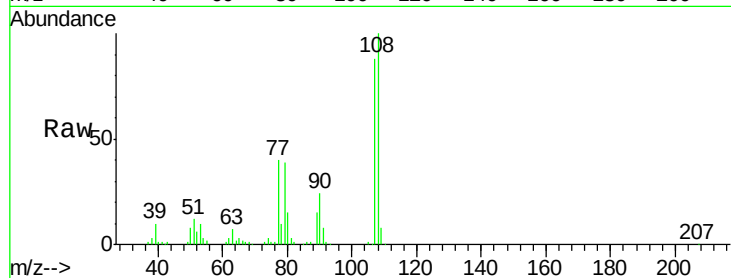
Ion Ratio Lower Upper

107 100

108 113.2 89.8 134.8

77 45.3 32.6 48.8

79 43.9 32.8 49.2

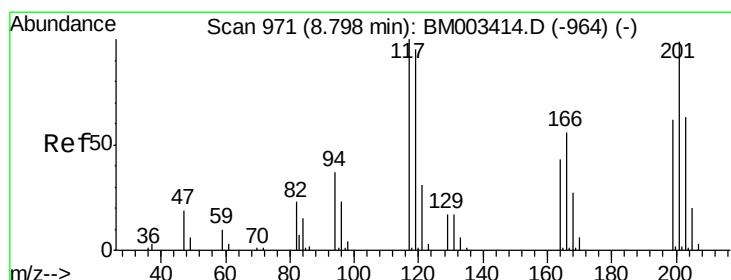
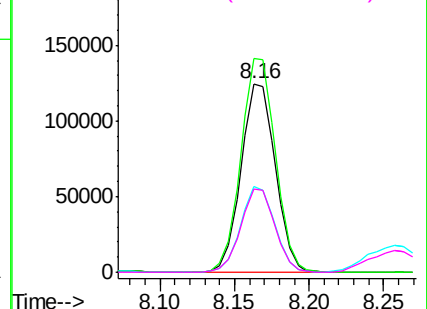
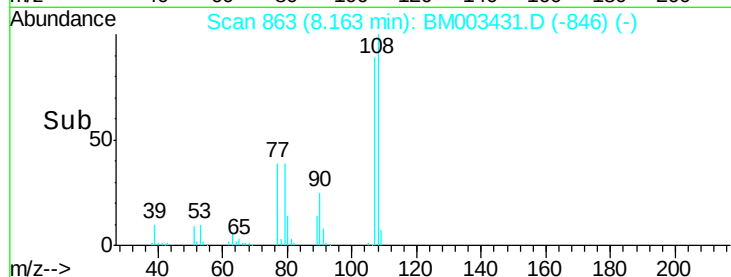


Abundance Ion 107.00 (106.70 to 107.70): E

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: 39.43 ng

RT: 8.80 min Scan# 971

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

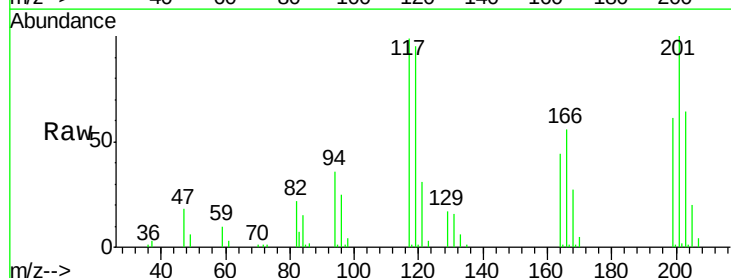
Tgt Ion:117 Resp: 81840

Ion Ratio Lower Upper

117 100

119 95.6 79.2 118.8

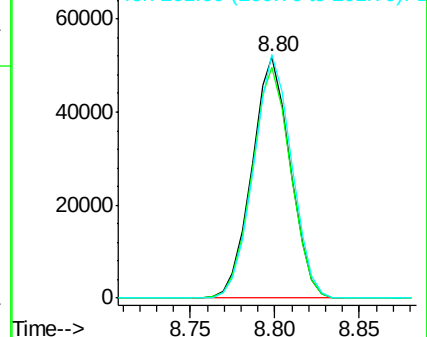
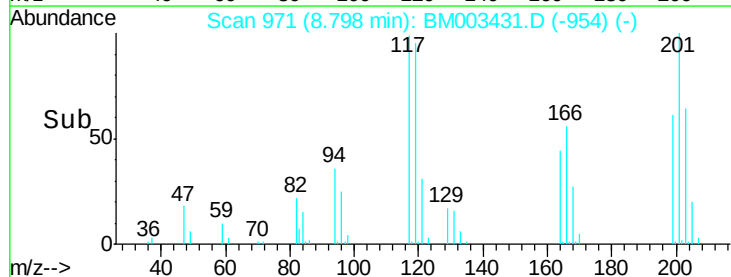
201 100.9 69.8 104.6

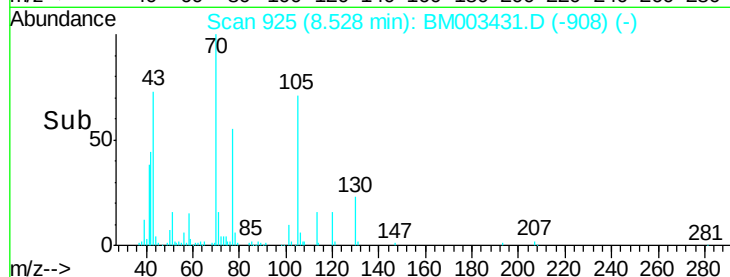
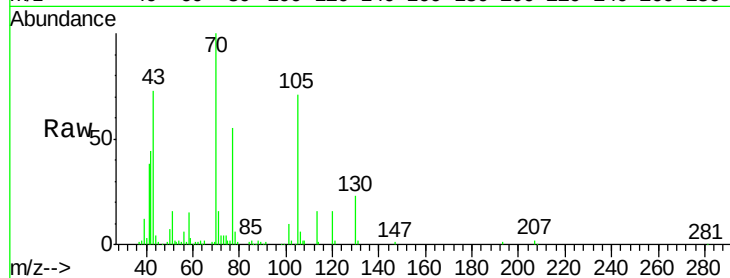
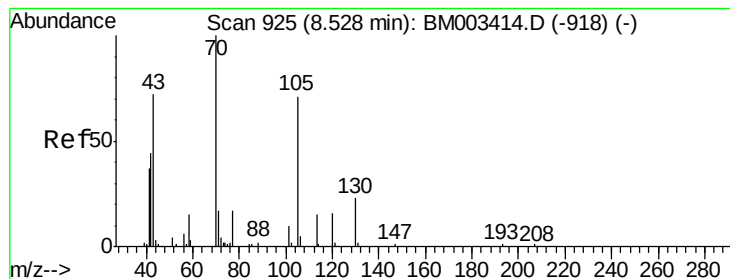


Abundance Ion 117.00 (116.70 to 117.70): E

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: 40.98 ng

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

Tgt Ion: 70 Resp: 157212

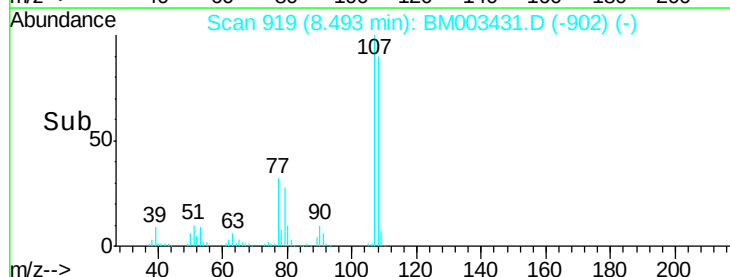
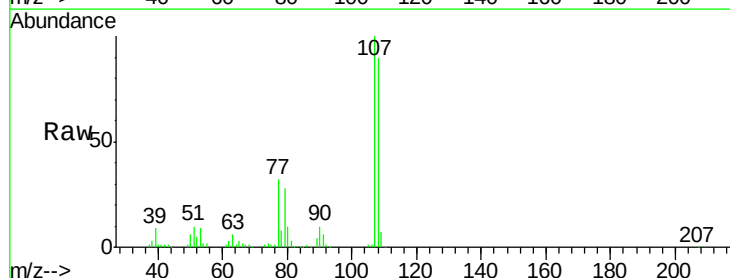
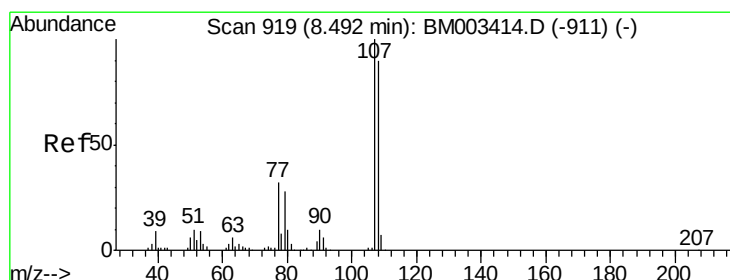
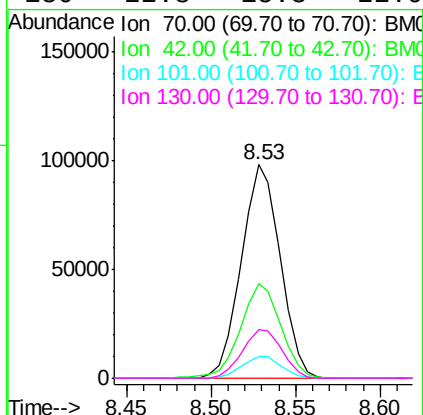
Ion Ratio Lower Upper

70 100

42 44.4 44.5 66.7#

101 10.1 7.4 11.2

130 22.8 15.3 22.9



#20

3+4-Methylphenols

Concen: 45.70 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Tgt Ion: 107 Resp: 274308

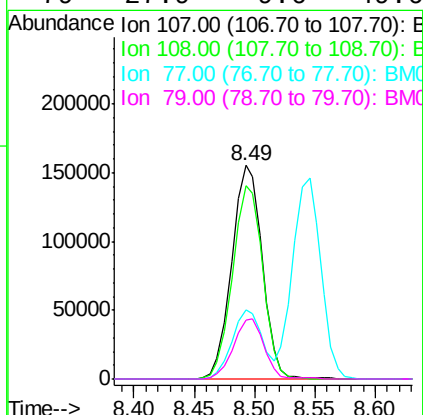
Ion Ratio Lower Upper

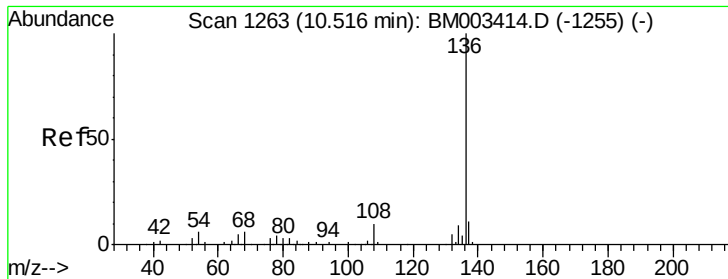
107 100

108 90.4 73.2 113.2

77 32.4 10.7 50.7

79 27.9 9.6 49.6

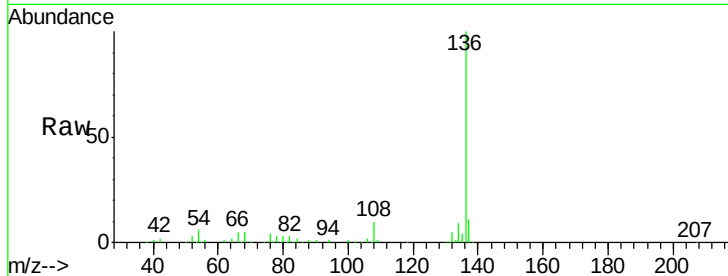




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.52 min Scan# 1263
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion:	136	Resp:	340787
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	5.8	4.6	6.8
68	5.5	3.7	5.5



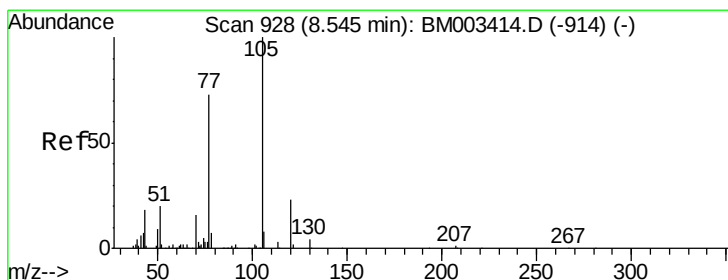
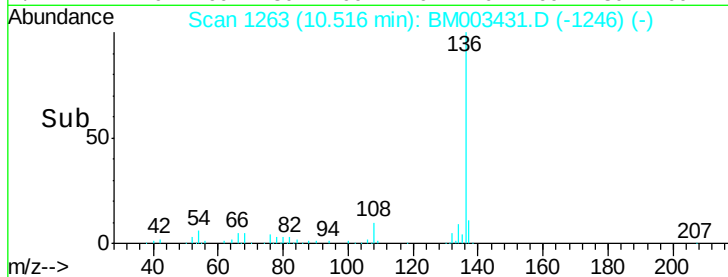
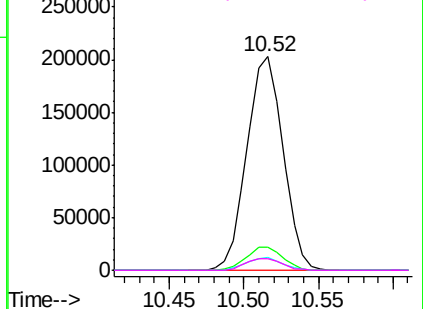
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

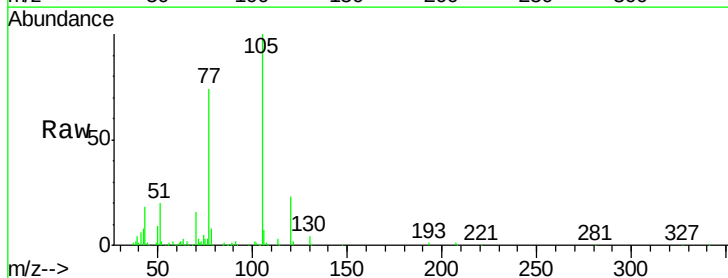
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 38.50 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion:	105	Resp:	321605
Ion	Ratio	Lower	Upper
105	100		
71	2.6	0.6	1.0#
51	19.6	21.6	32.4#
120	23.0	16.1	24.1



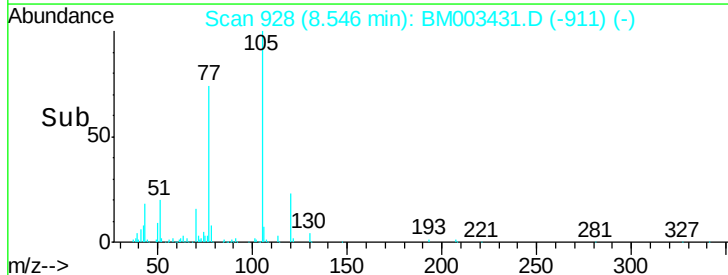
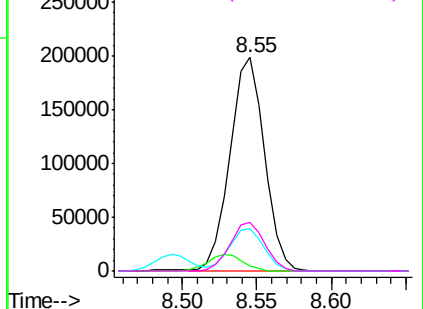
Abundance

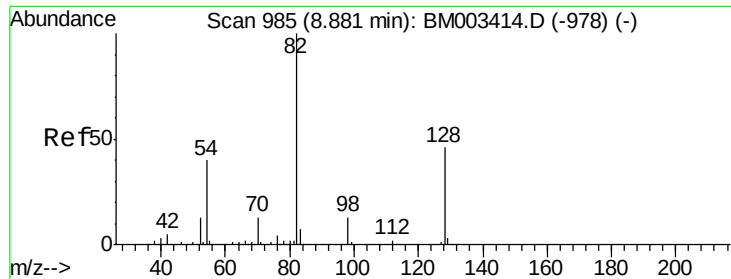
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

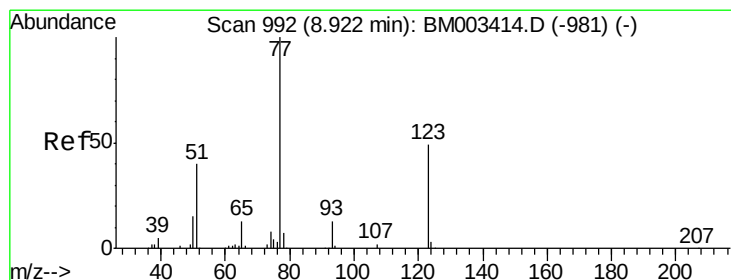
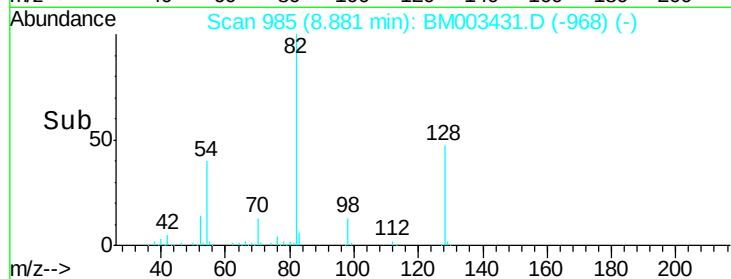
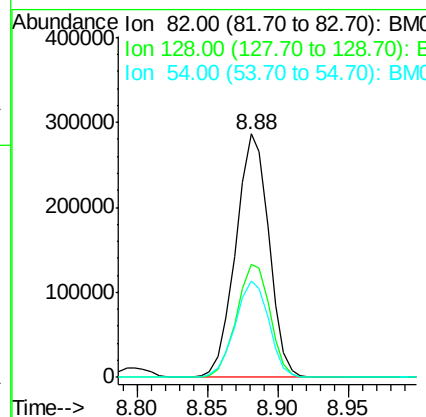
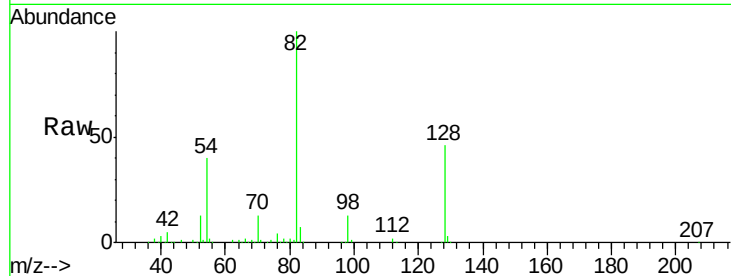




#23
 Nitrobenzene-d5
 Concen: 85.41 ng
 RT: 8.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

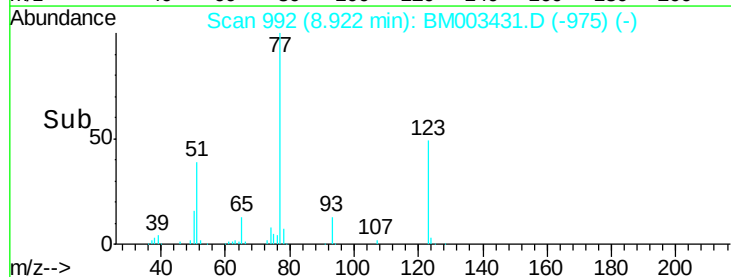
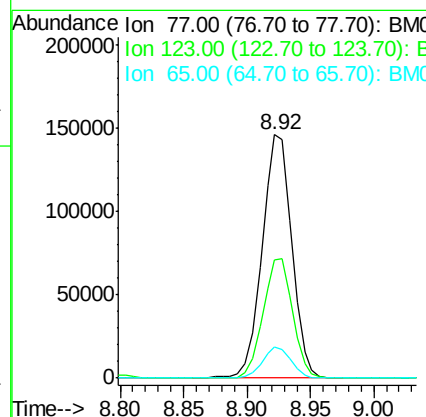
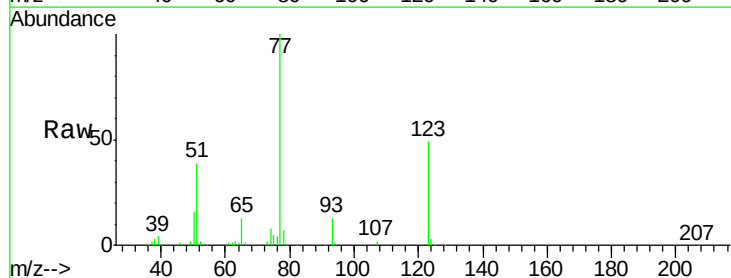
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

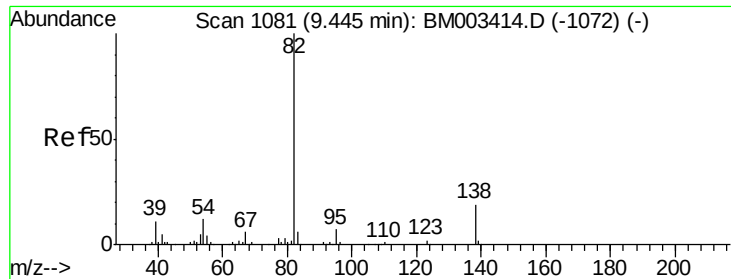
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.2	32.8	49.2
54	39.8	40.6	60.8#



#24
 Nitrobenzene
 Concen: 40.01 ng
 RT: 8.92 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.7	32.6	49.0
65	12.5	10.9	16.3

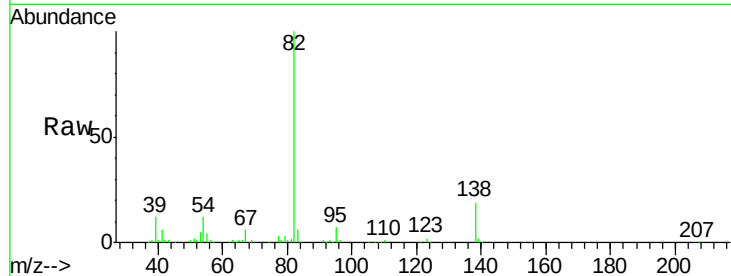




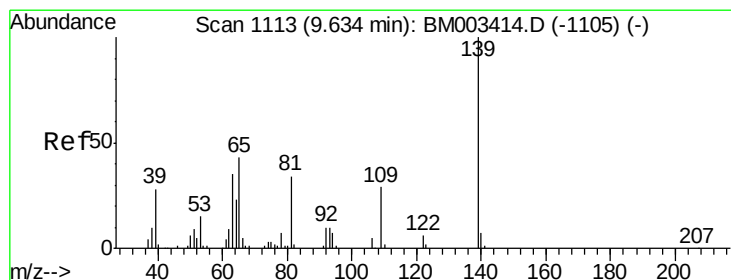
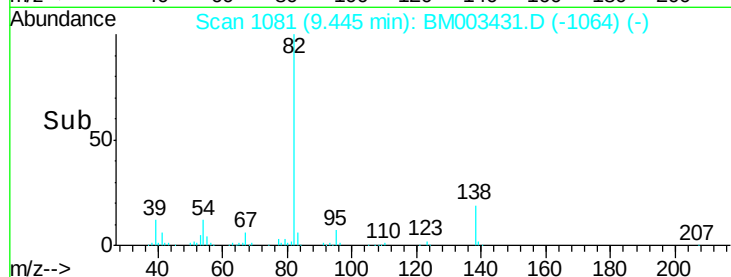
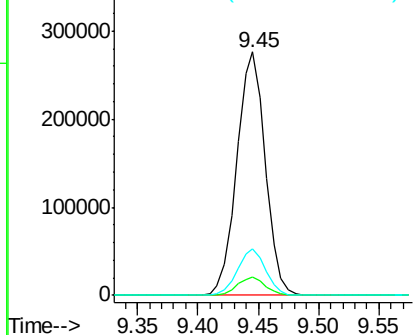
#25
Isophorone
Concen: 40.78 ng
RT: 9.45 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion: 82 Resp: 453334
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 19.0 16.3 24.5

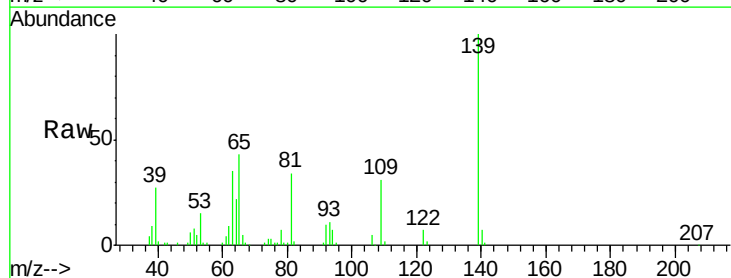


Abundance Ion 82.00 (81.70 to 82.70): BM003431.D (-1072) (-)
Ion 95.00 (94.70 to 95.70): BM003431.D (-1072) (-)
Ion 138.00 (137.70 to 138.70): BM003431.D (-1072) (-)

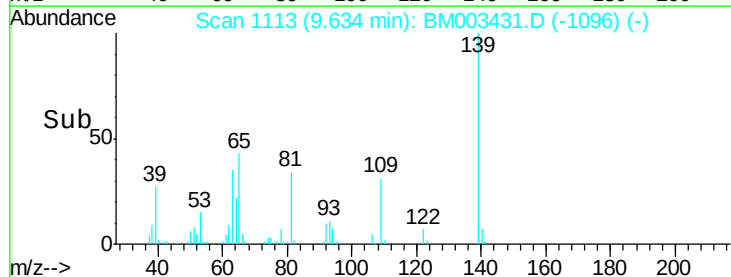
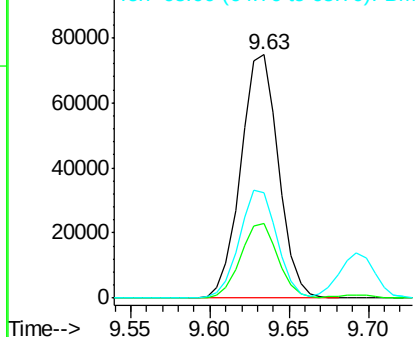


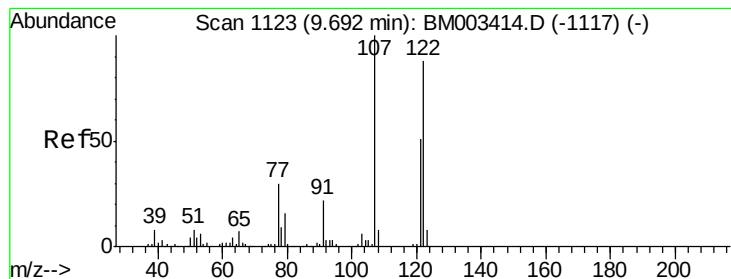
#26
2-Nitrophenol
Concen: 40.97 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion: 139 Resp: 123136
Ion Ratio Lower Upper
139 100
109 30.6 20.1 30.1#
65 43.2 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): BM003431.D (-1105) (-)
Ion 109.00 (108.70 to 109.70): BM003431.D (-1105) (-)
Ion 65.00 (64.70 to 65.70): BM003431.D (-1105) (-)





#27

2,4-Dimethylphenol

Concen: 44.78 ng

RT: 9.69 min Scan# 1123

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

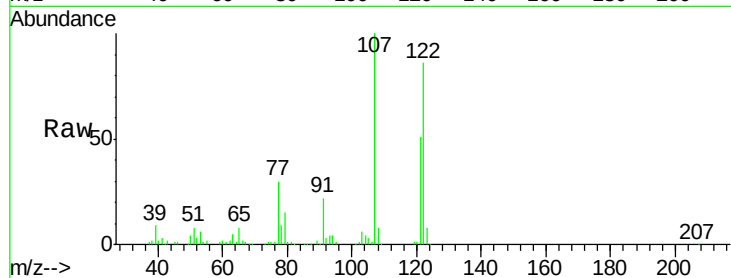
Tgt Ion:122 Resp: 234383

Ion Ratio Lower Upper

122 100

107 115.7 84.7 127.1

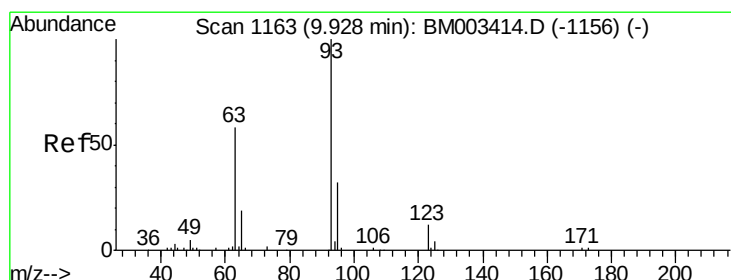
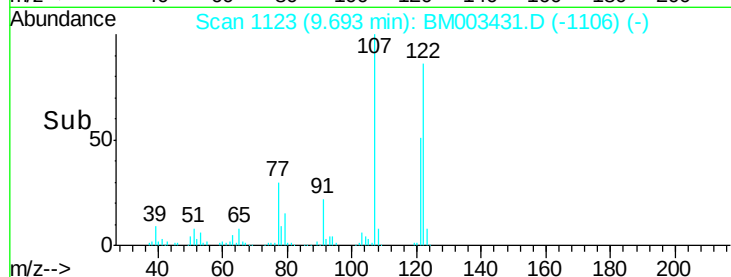
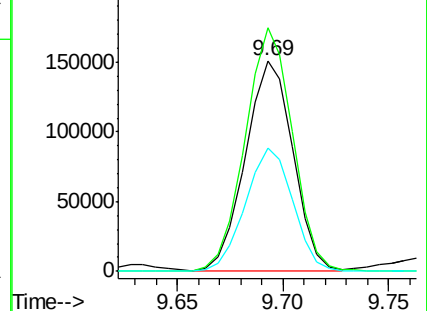
121 58.8 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 42.44 ng

RT: 9.93 min Scan# 1163

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

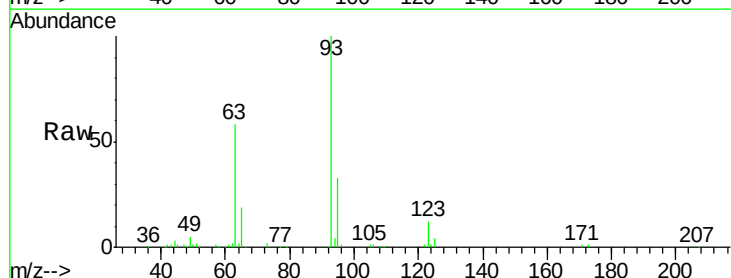
Tgt Ion: 93 Resp: 283478

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

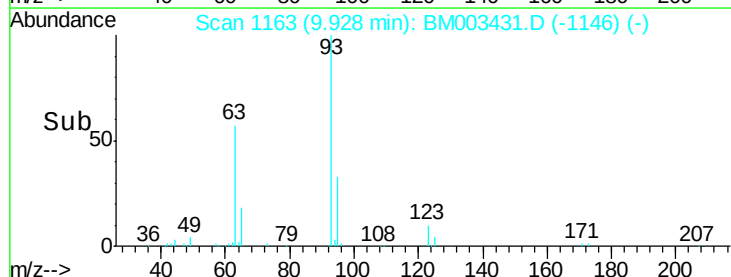
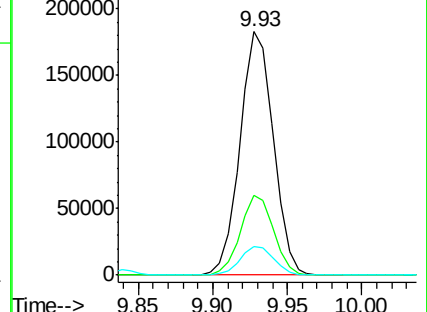
123 11.8 8.6 13.0

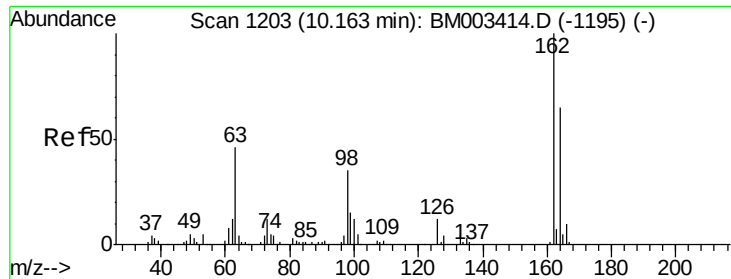


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

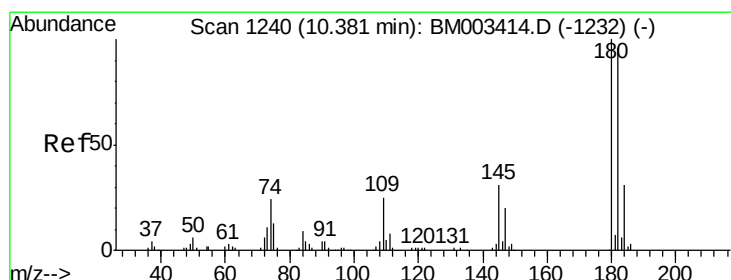
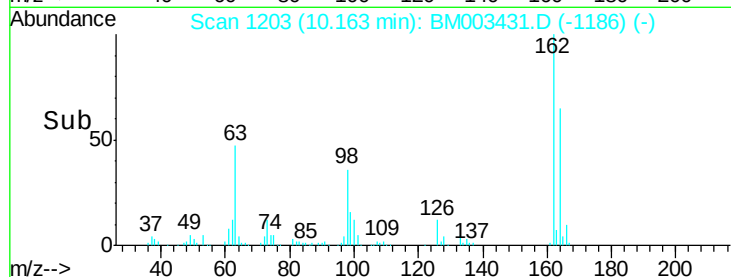
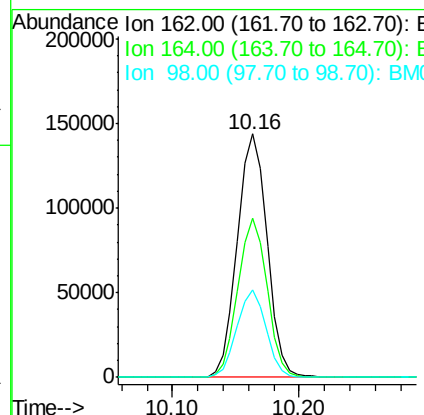
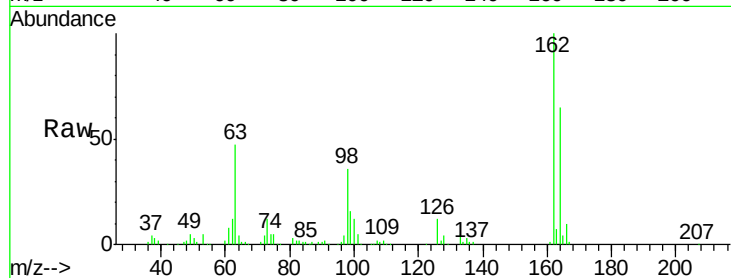




#29
 2,4-Dichlorophenol
 Concen: 46.92 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

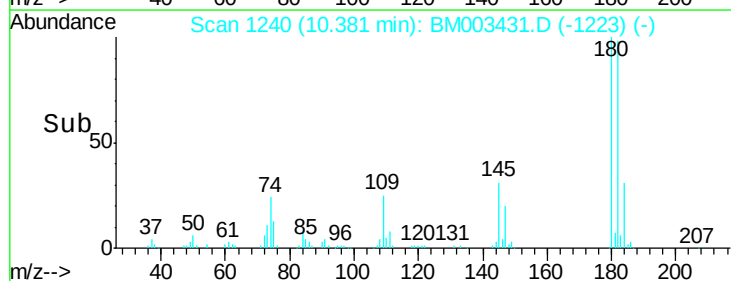
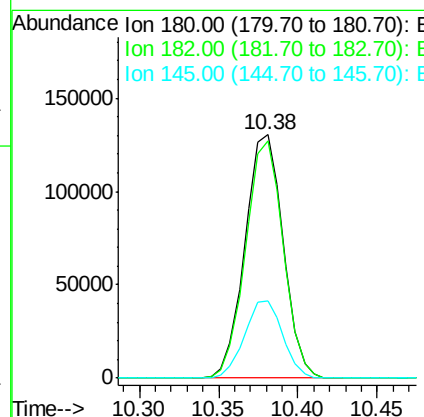
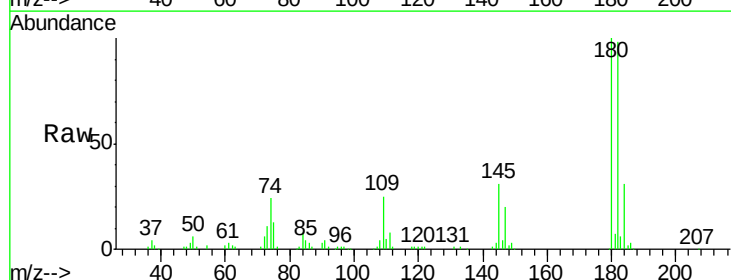
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

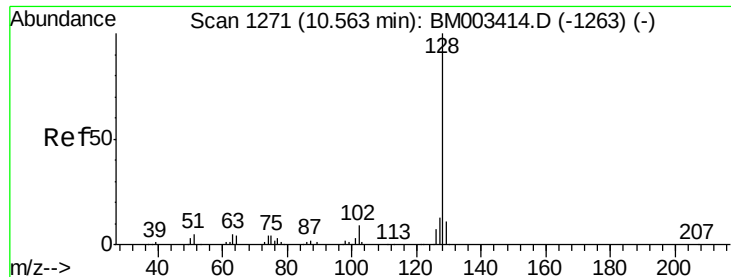
Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.1	42.8	82.8
98	35.9	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 39.23 ng
 RT: 10.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	77.6	116.4
145	31.5	23.4	35.2

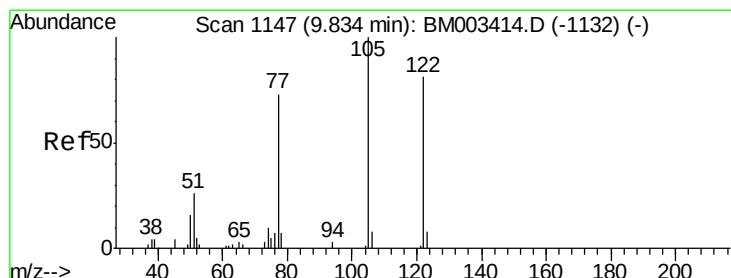
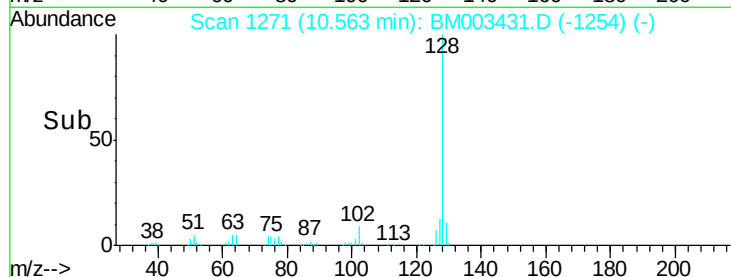
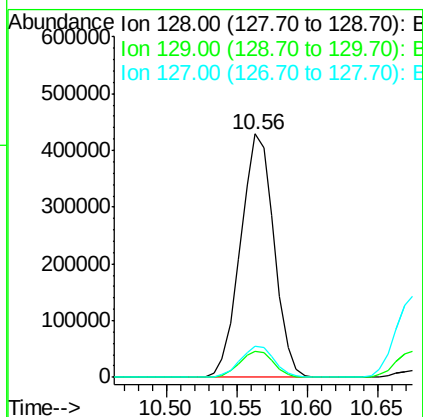
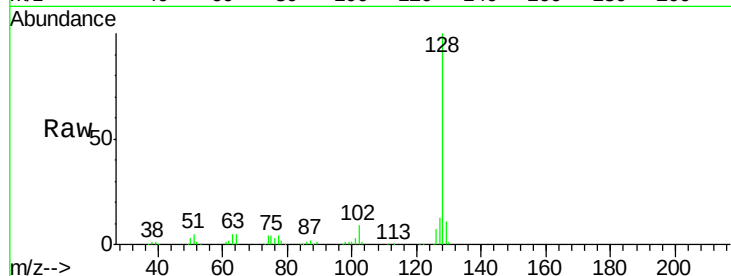




#31
Naphthalene
Concen: 39.92 ng
RT: 10.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

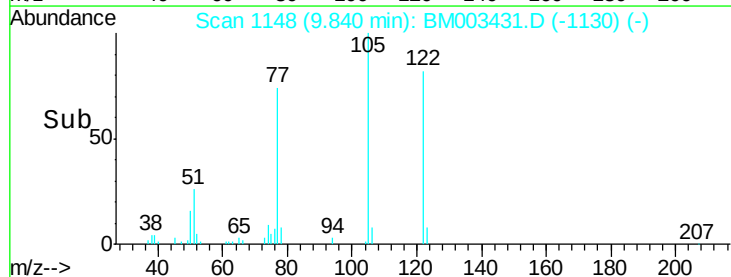
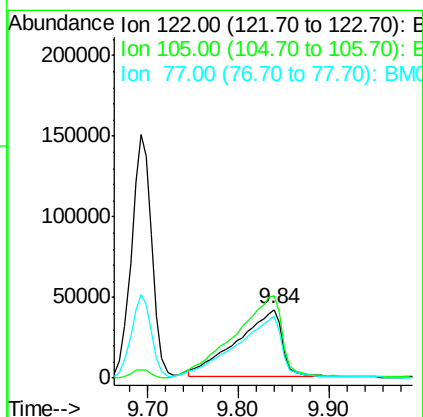
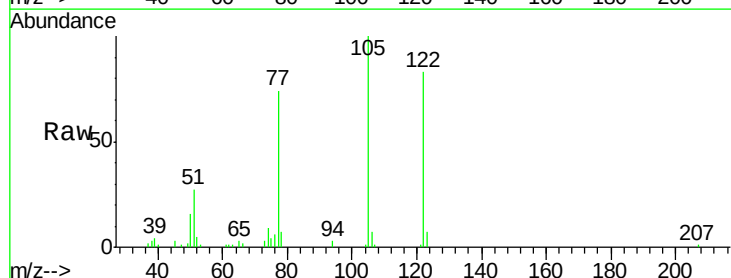
Instrument :
BNA_M
ClientSampleId :
PB87153BS

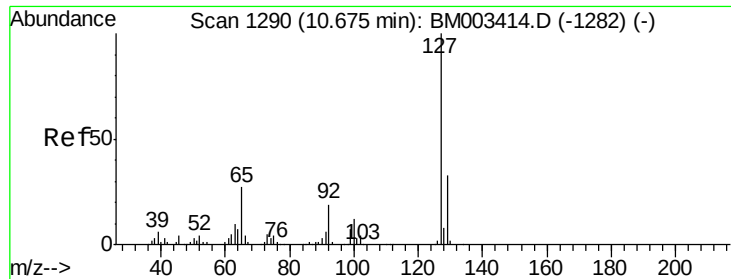
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	12.9	10.4	15.6



#32
Benzoic acid
Concen: 44.79 ng
RT: 9.84 min Scan# 1148
Delta R.T. 0.01 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	99.9	139.9
77	89.7	73.7	113.7

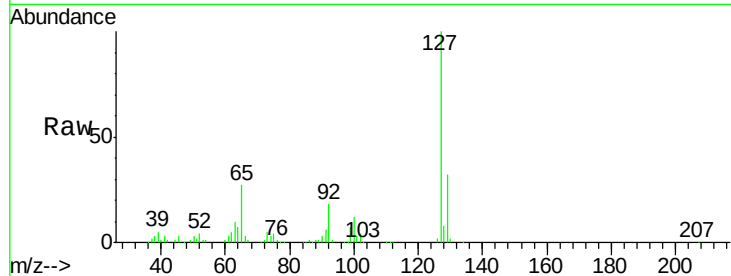




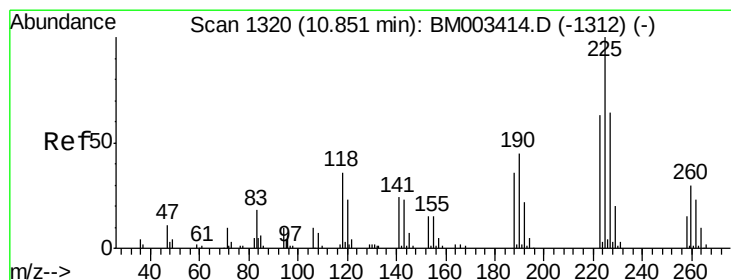
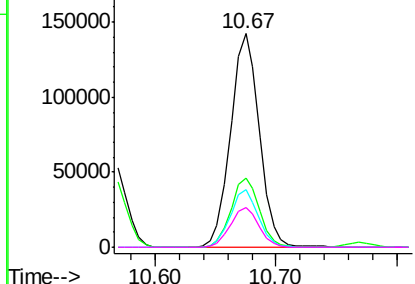
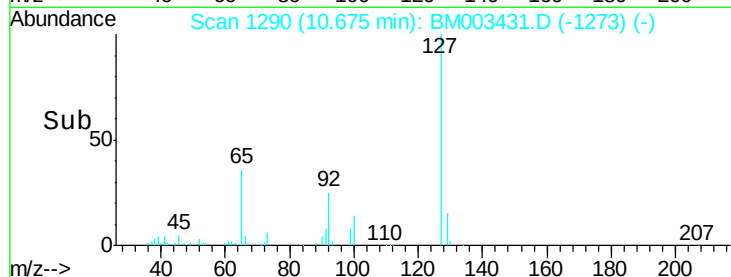
#33
4-Chloroaniline
Concen: 32.07 ng
RT: 10.67 min Scan# 1290
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion:	127	Resp:	236099
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.3	37.9
65	26.7	17.6	26.4
92	18.4	13.1	19.7

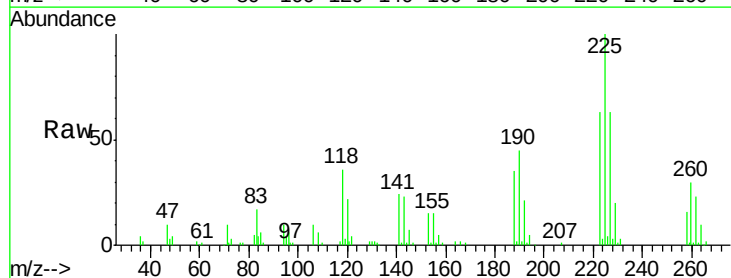


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

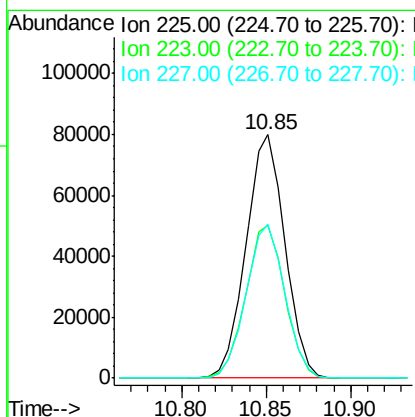
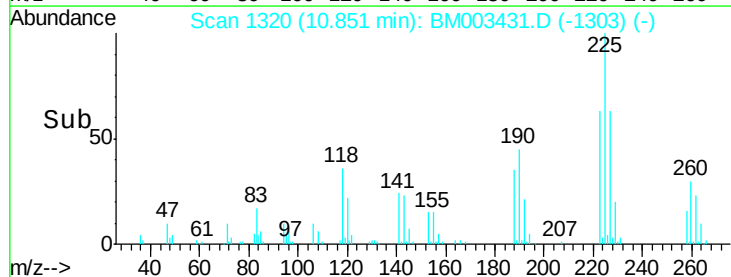


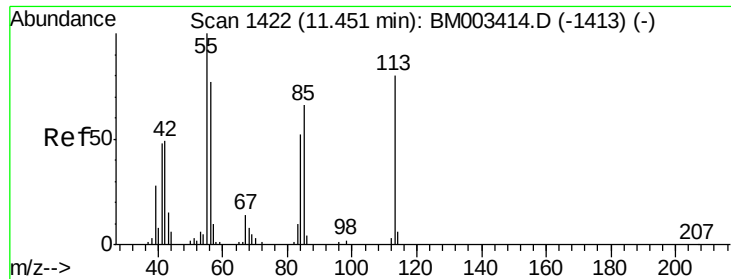
#34
Hexachlorobutadiene
Concen: 38.66 ng
RT: 10.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion:	225	Resp:	127607
Ion	Ratio	Lower	Upper
225	100		
223	63.0	47.9	71.9
227	63.4	50.1	75.1



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

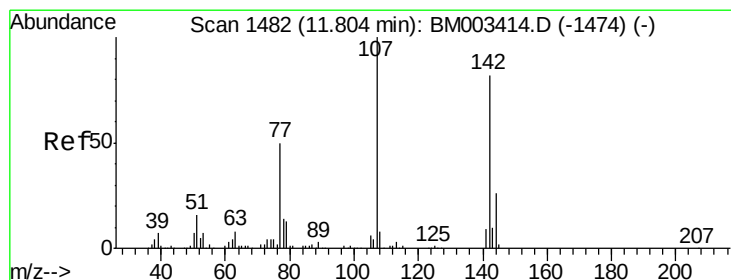
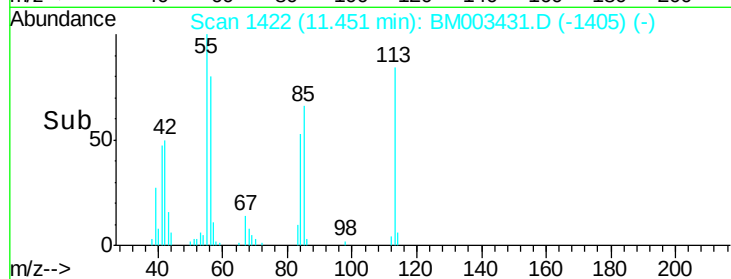
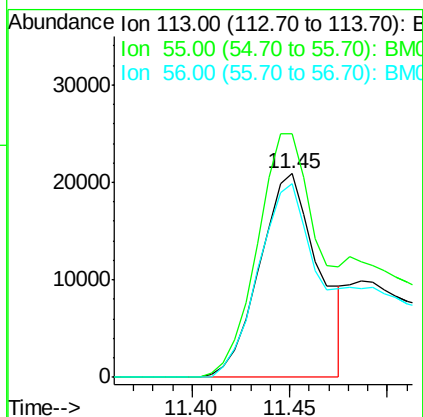
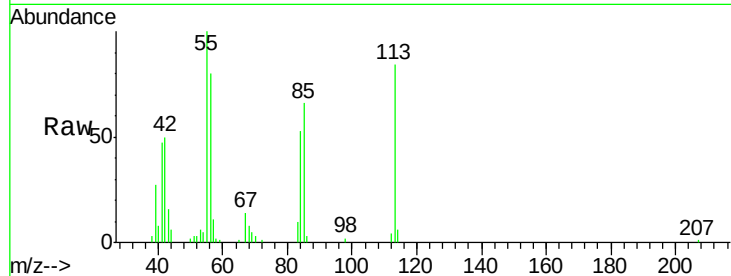




#35
 Caprolactam
 Concen: 26.60 ng
 RT: 11.45 min Scan# 1422
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

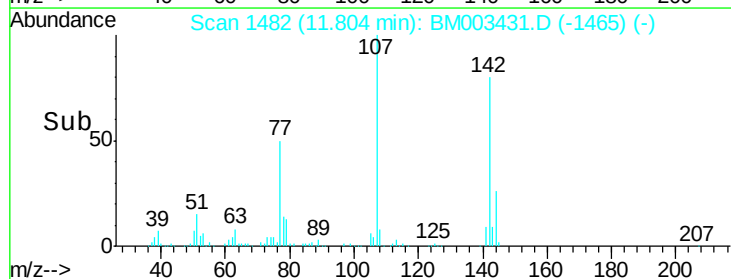
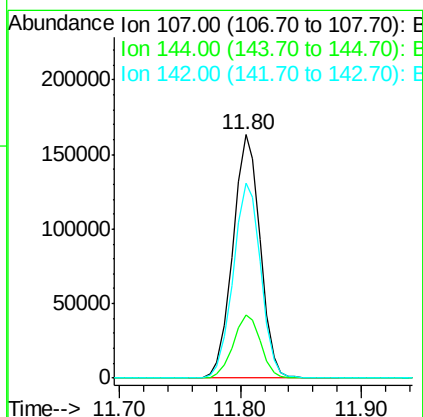
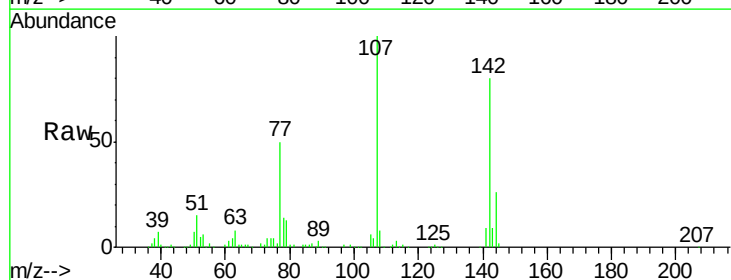
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

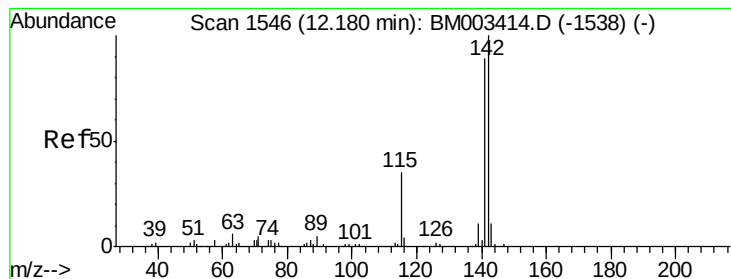
Tgt Ion:113 Resp: 43840
 Ion Ratio Lower Upper
 113 100
 55 119.7 145.9 185.9#
 56 95.2 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 45.84 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:107 Resp: 257702
 Ion Ratio Lower Upper
 107 100
 144 26.1 23.3 34.9
 142 79.9 72.6 109.0





#37

2-Methylnaphthalene

Concen: 43.58 ng

RT: 12.18 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

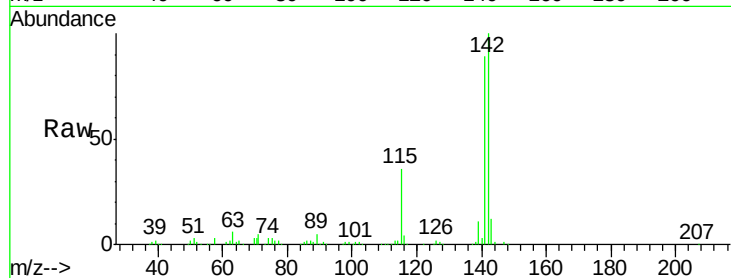
Tgt Ion:142 Resp: 533013

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

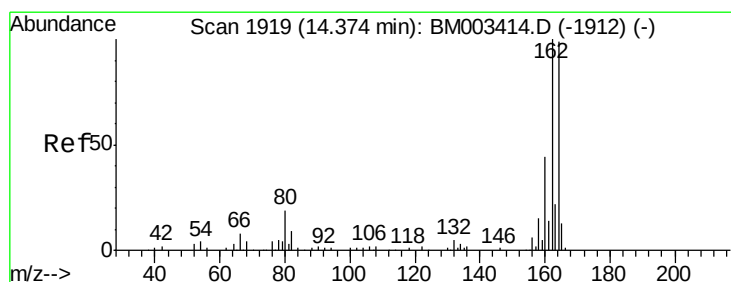
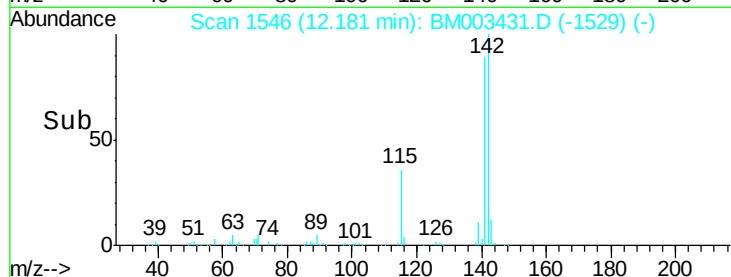
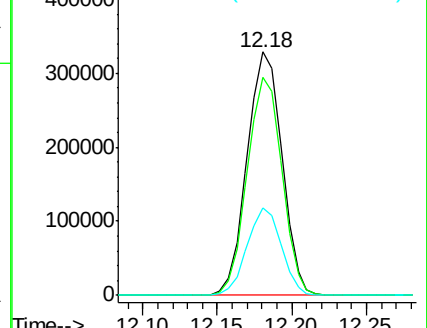
115 35.7 25.4 38.0



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: BM003431.D

Acq: 10 Dec 2015 02:18

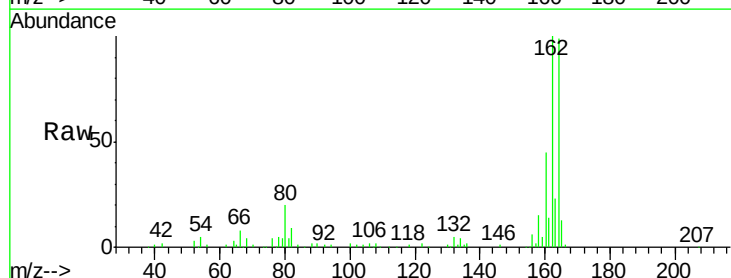
Tgt Ion:164 Resp: 202675

Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

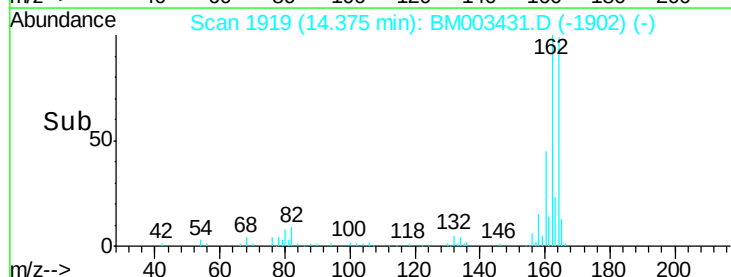
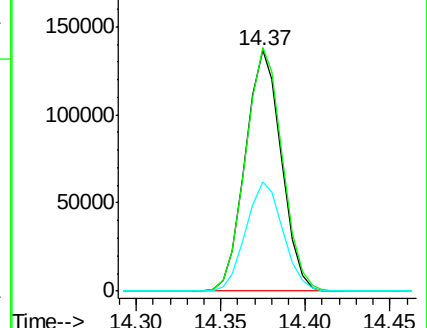
160 45.2 35.8 53.6

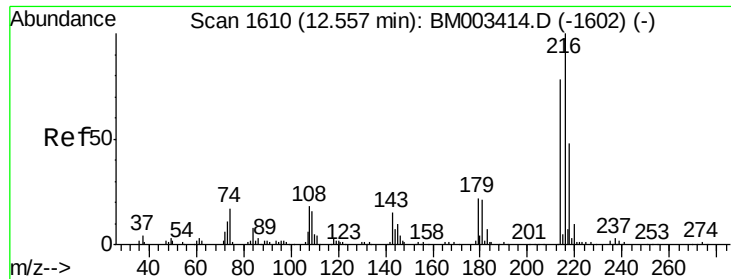


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

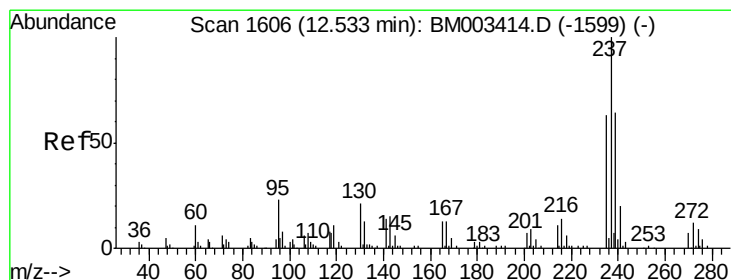
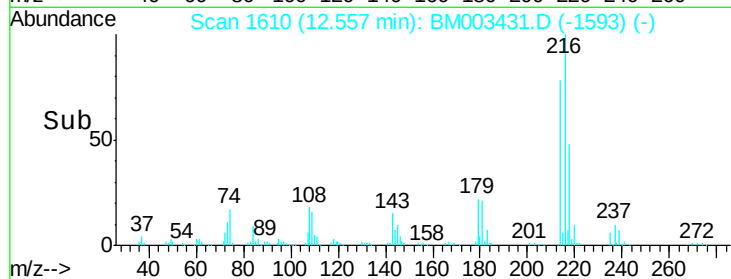
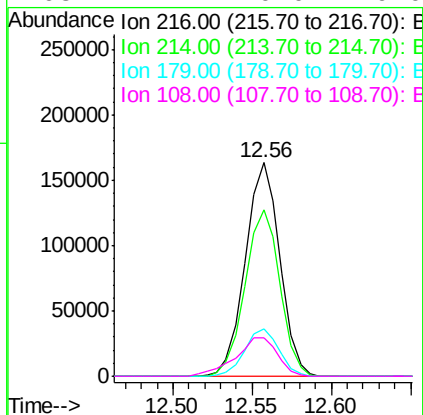
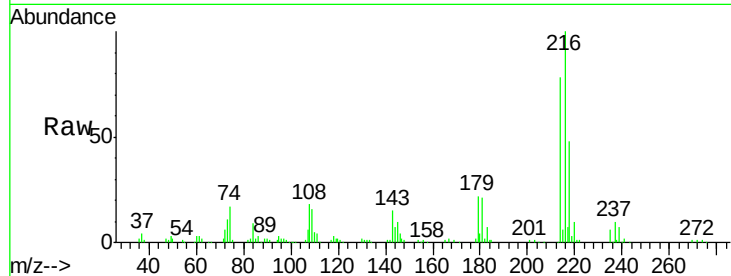




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 37.98 ng
 RT: 12.56 min Scan# 1610
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

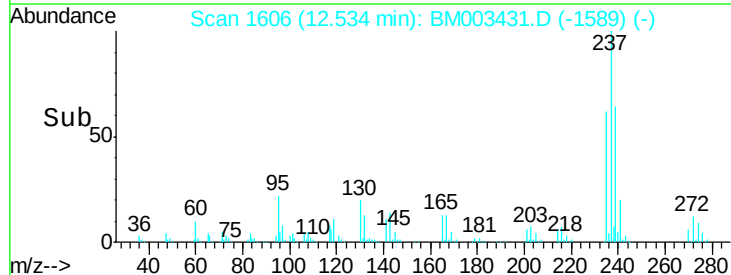
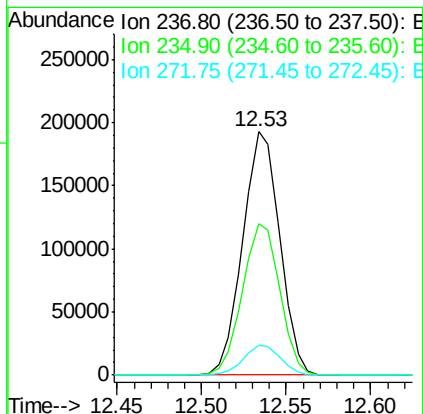
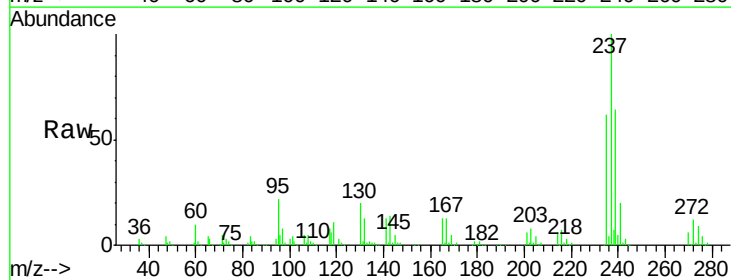
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

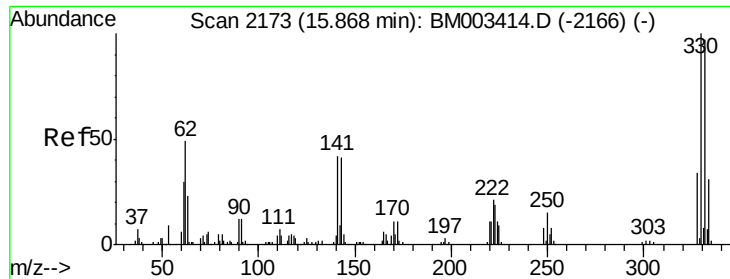
Tgt Ion:	216	Resp:	247445
Ion	Ratio	Lower	Upper
216	100		
214	78.6	0.0	0.0#
179	22.0	0.0	0.0#
108	22.1	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 81.25 ng
 RT: 12.53 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:	237	Resp:	295281
Ion	Ratio	Lower	Upper
237	100		
235	62.4	42.0	82.0
272	12.3	0.0	33.4

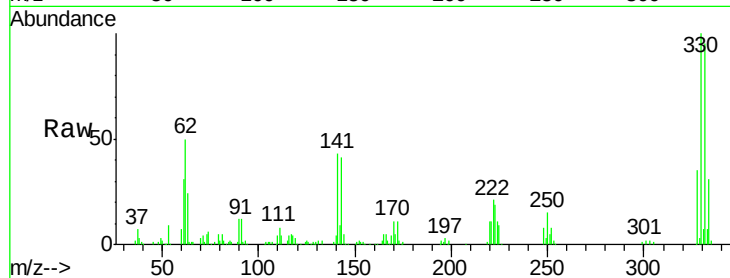




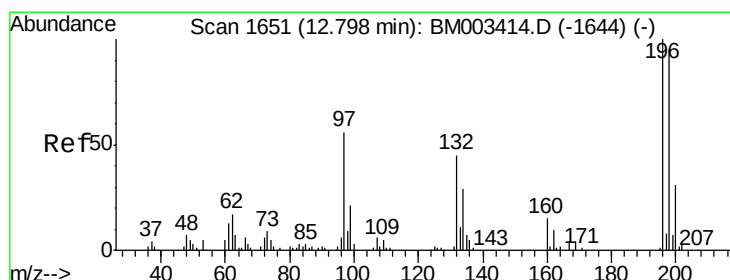
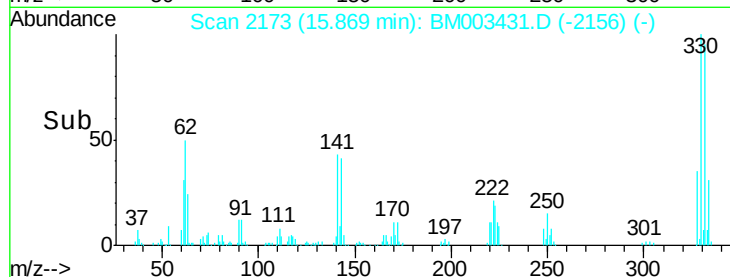
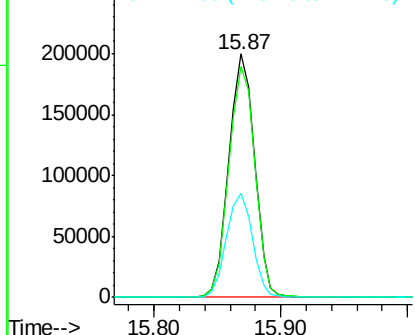
#41
 2,4,6-Tribromophenol
 Concen: 138.53 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:330 Resp: 280407
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 43.1 0.0 0.0#

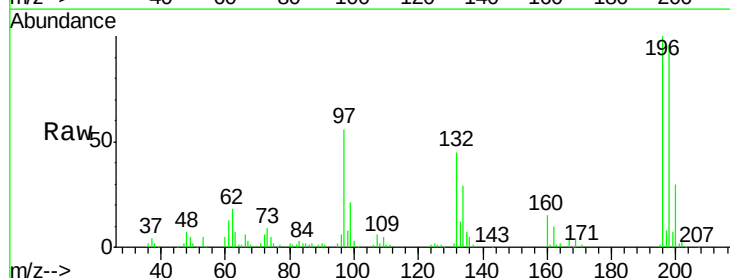


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

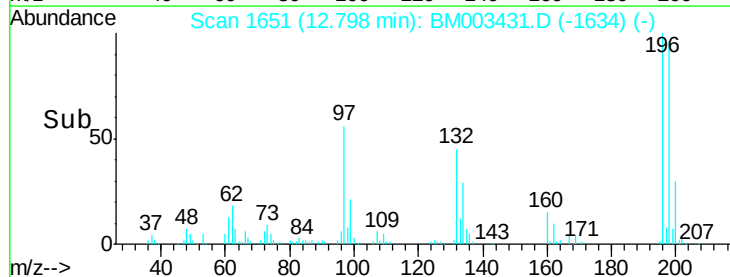
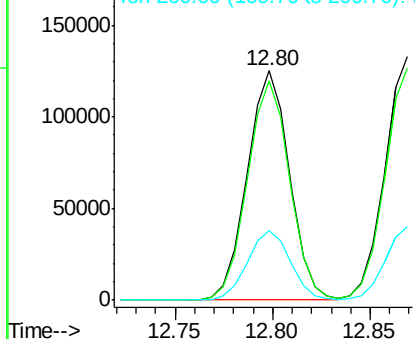


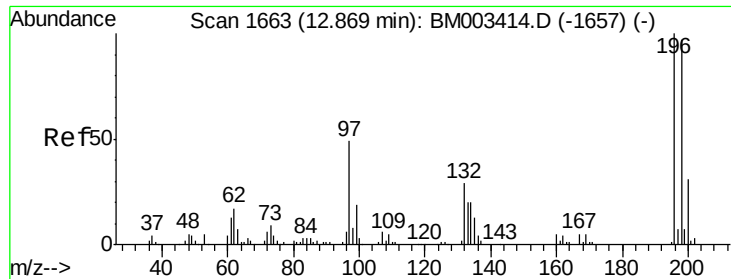
#42
 2,4,6-Trichlorophenol
 Concen: 43.99 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:196 Resp: 186930
 Ion Ratio Lower Upper
 196 100
 198 95.6 76.3 114.5
 200 30.2 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

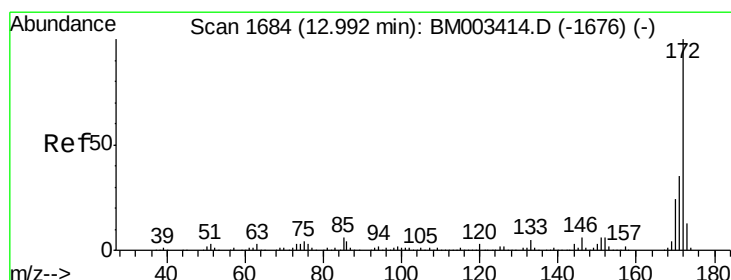
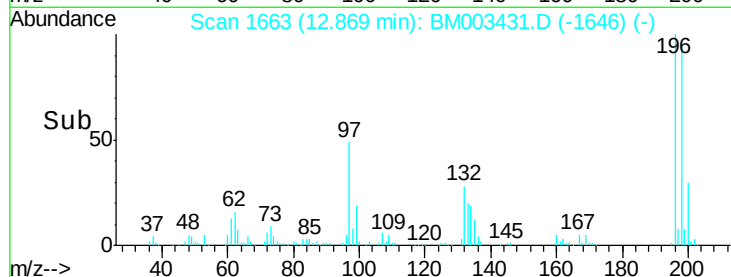
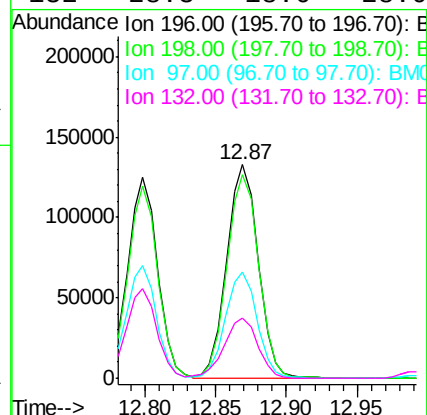
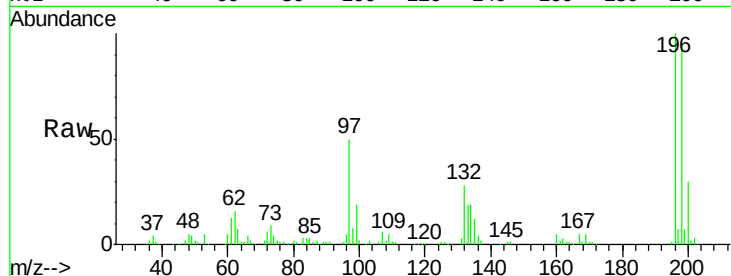




#43
 2,4,5-Trichlorophenol
 Concen: 45.81 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

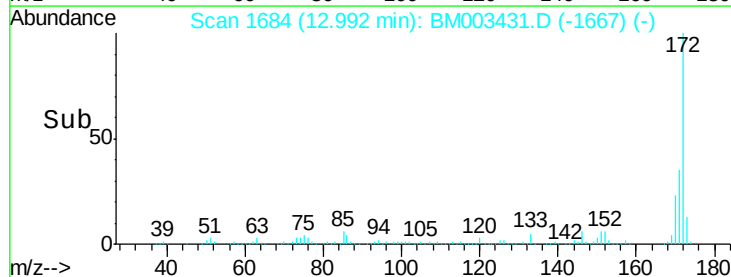
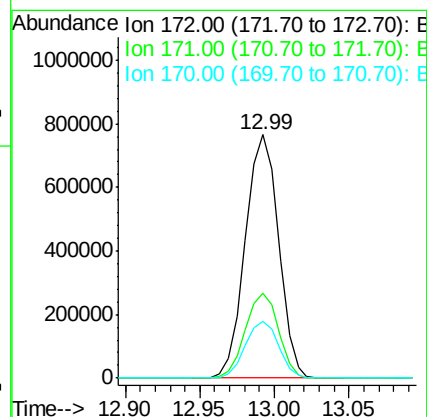
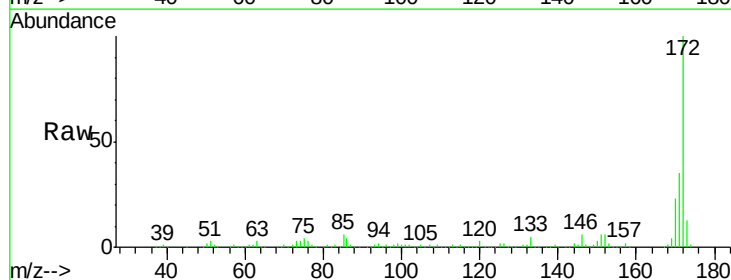
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

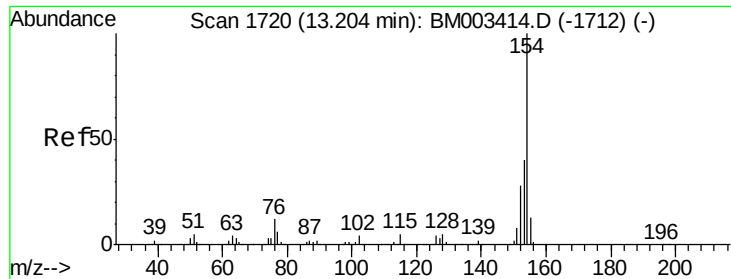
Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	79.4	119.0
97	49.6	26.8	40.2
132	28.3	18.6	28.0



#44
 2-Fluorobiphenyl
 Concen: 79.28 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

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

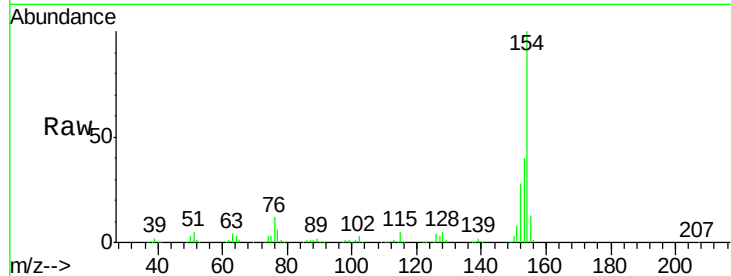




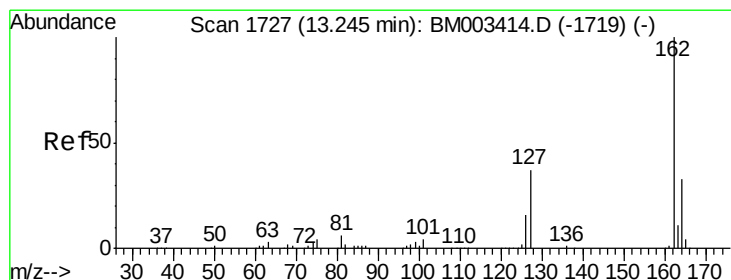
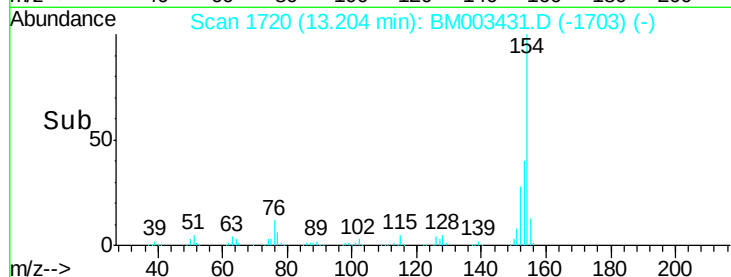
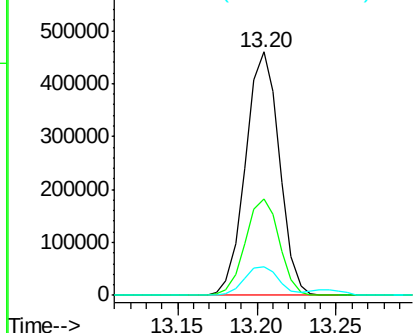
#45
 1,1'-Biphenyl
 Concen: 37.95 ng
 RT: 13.20 min Scan# 1720
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:154 Resp: 682017
 Ion Ratio Lower Upper
 154 100
 153 39.8 20.7 60.7
 76 11.9 0.0 30.9

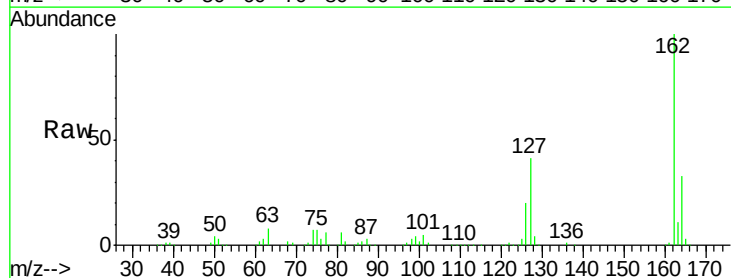


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

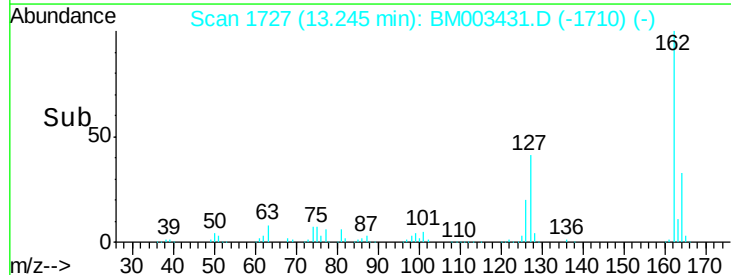
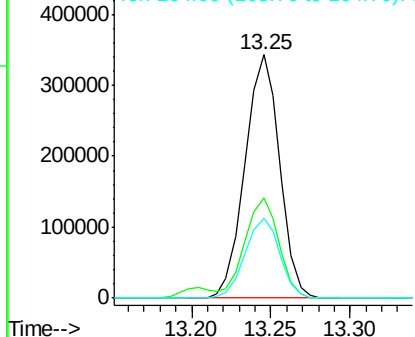


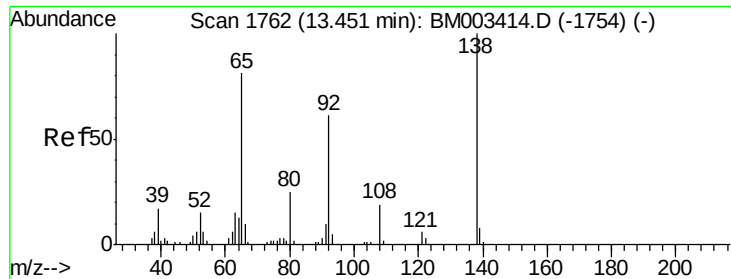
#46
 2-Chloronaphthalene
 Concen: 39.30 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:162 Resp: 518859
 Ion Ratio Lower Upper
 162 100
 127 41.4 26.9 40.3#
 164 32.9 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

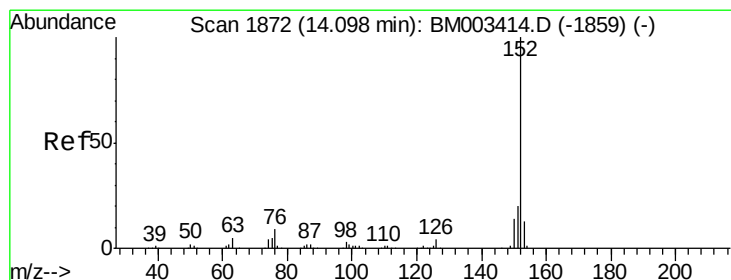
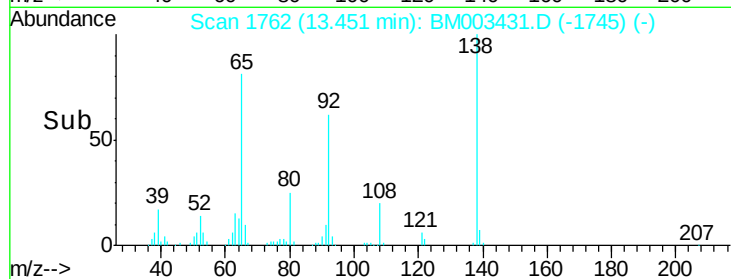
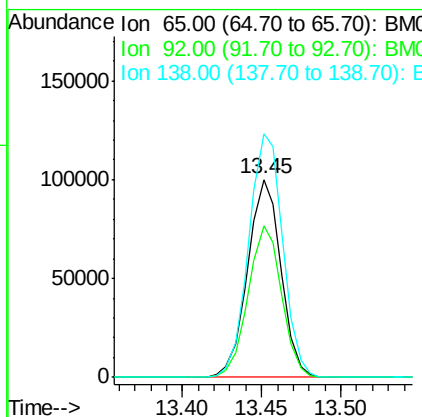
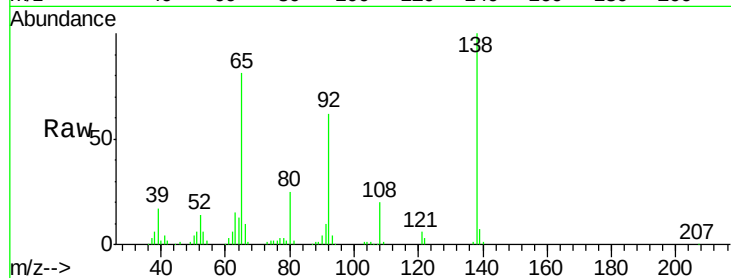




#47
2-Nitroaniline
Concen: 44.61 ng
RT: 13.45 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

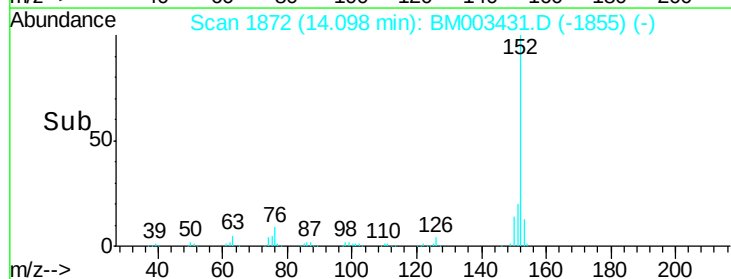
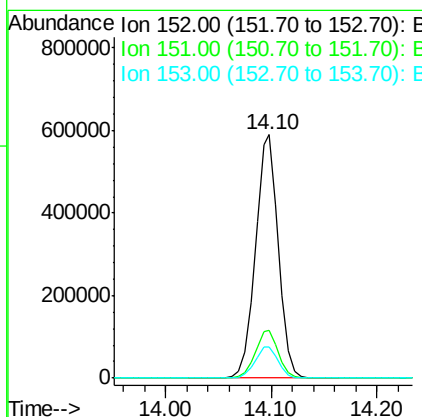
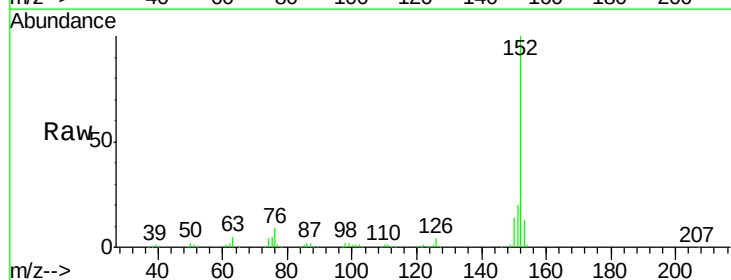
Instrument :
BNA_M
ClientSampleId :
PB87153BS

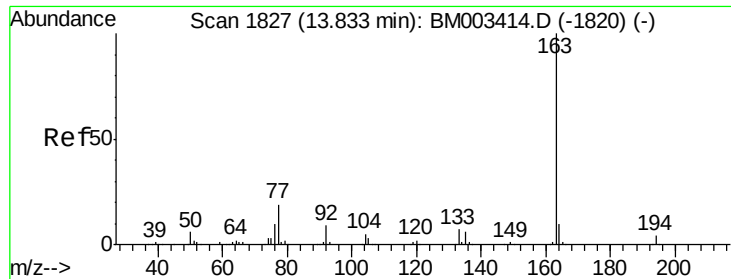
Tgt Ion: 65 Resp: 146079
Ion Ratio Lower Upper
65 100
92 76.4 59.1 88.7
138 123.1 93.9 140.9



#48
Acenaphthylene
Concen: 40.42 ng
RT: 14.10 min Scan# 1872
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion: 152 Resp: 889606
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 41.89 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

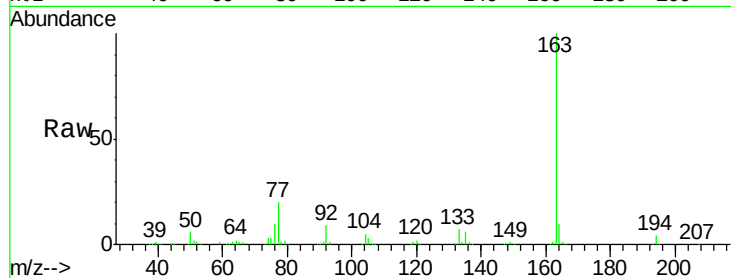
Tgt Ion:163 Resp: 699681

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

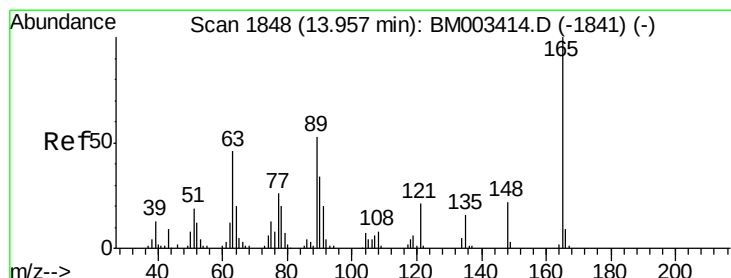
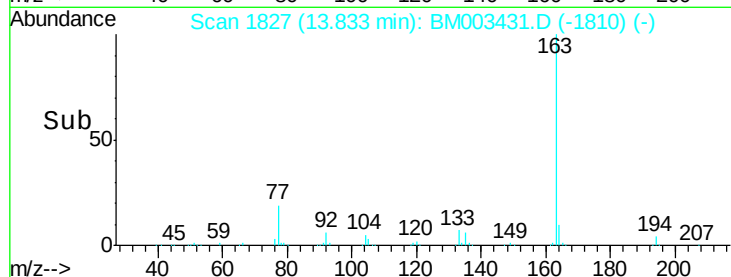
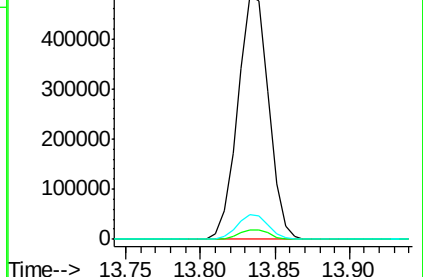
164 10.4 8.2 12.2



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: 44.33 ng

RT: 13.96 min Scan# 1848

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

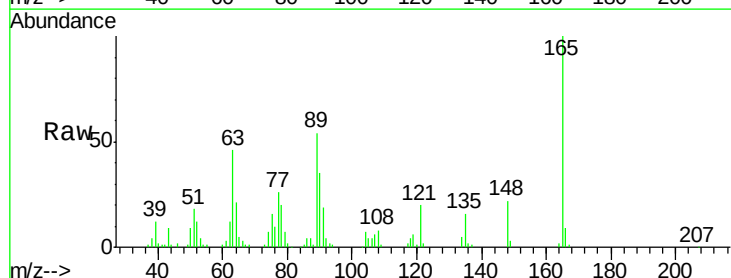
Tgt Ion:165 Resp: 154483

Ion Ratio Lower Upper

165 100

63 45.9 44.1 66.1

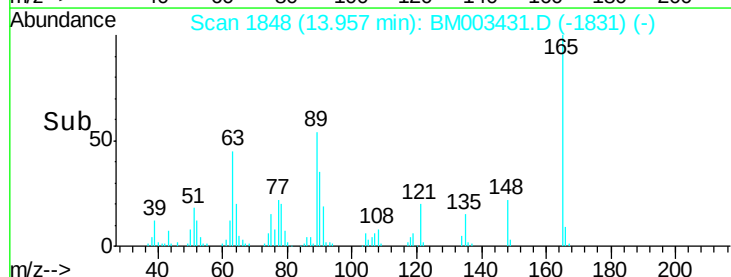
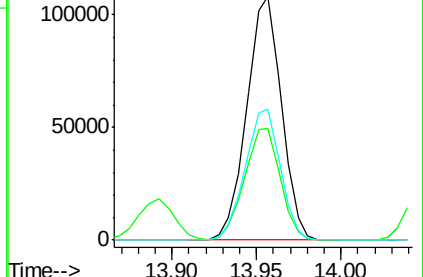
89 53.7 44.3 66.5

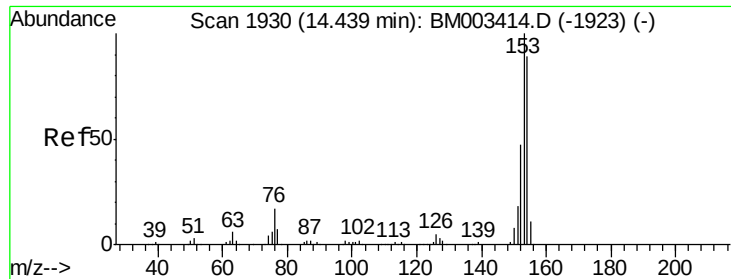


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.22 ng

RT: 14.44 min Scan# 1930

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

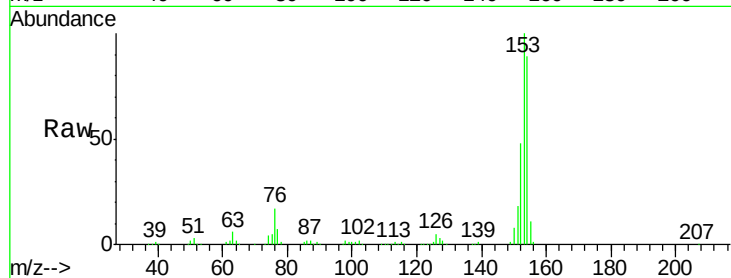
Tgt Ion:154 Resp: 512952

Ion Ratio Lower Upper

154 100

153 112.4 90.0 135.0

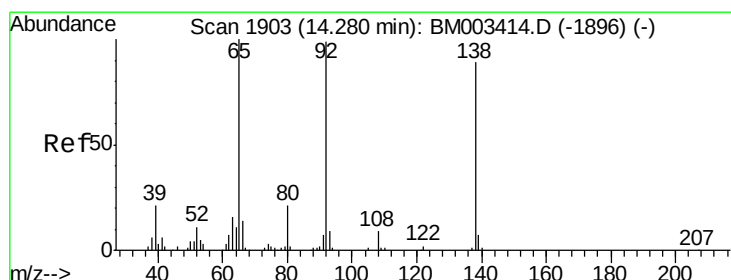
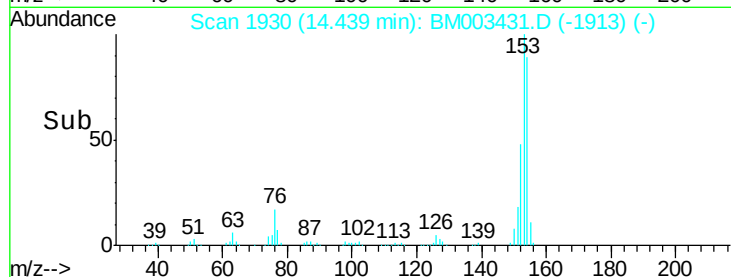
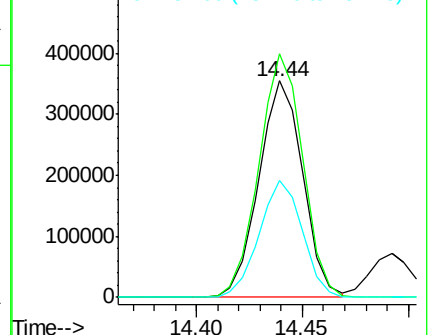
152 53.7 42.6 63.8



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: 37.89 ng

RT: 14.29 min Scan# 1904

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

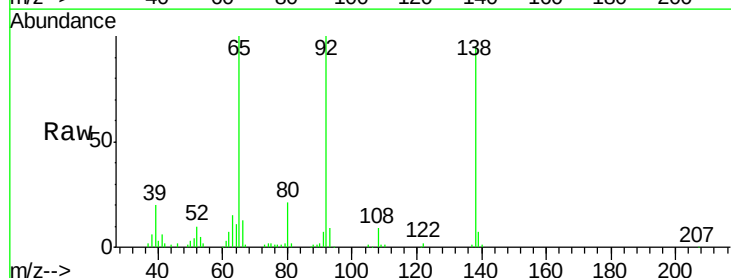
Tgt Ion:138 Resp: 135132

Ion Ratio Lower Upper

138 100

108 9.8 7.3 10.9

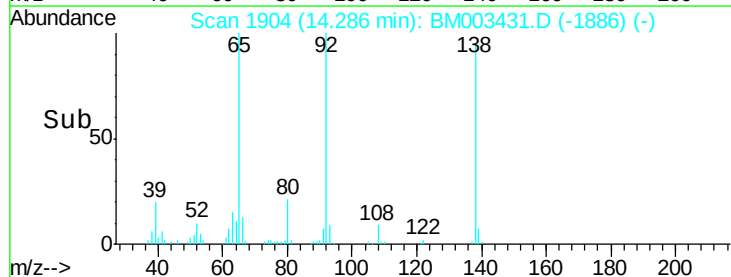
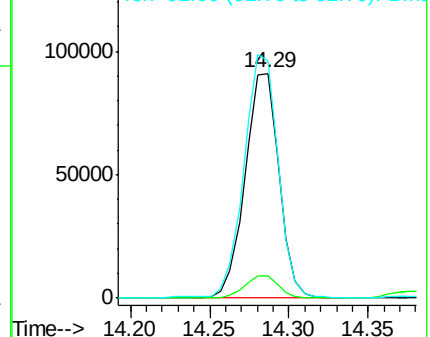
92 105.5 76.6 114.8

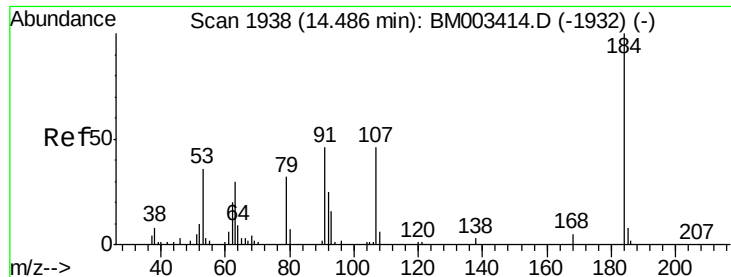


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

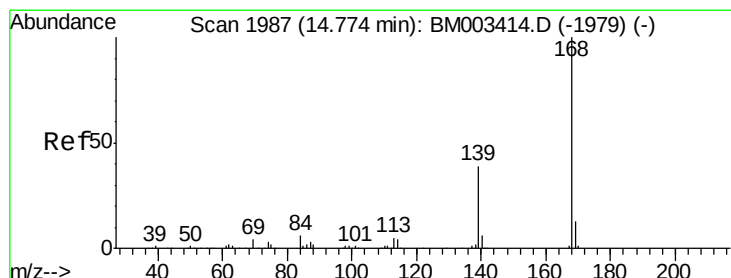
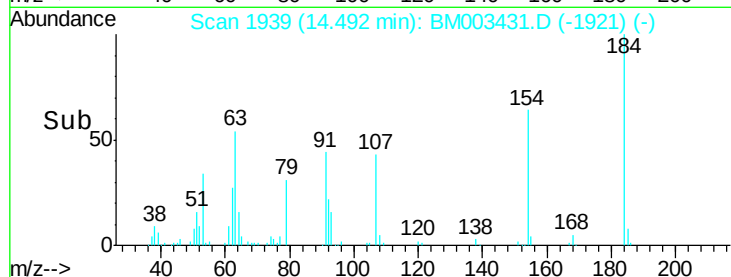
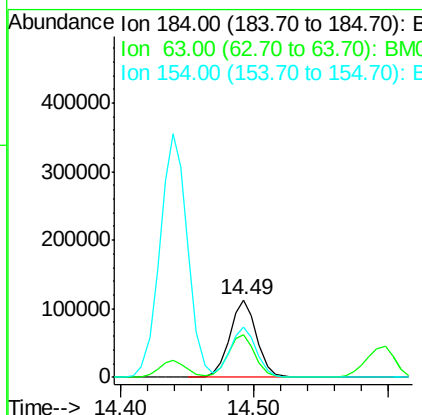
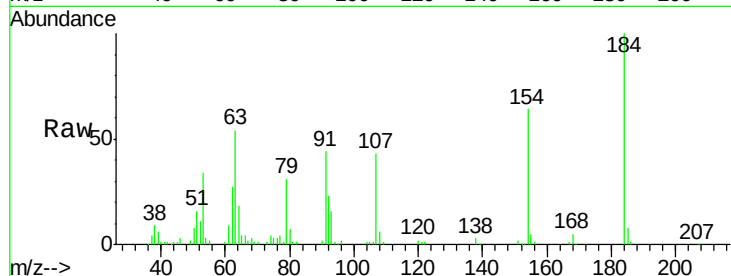




#53
 2,4-Dinitrophenol
 Concen: 80.28 ng
 RT: 14.49 min Scan# 1939
 Delta R.T. 0.01 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

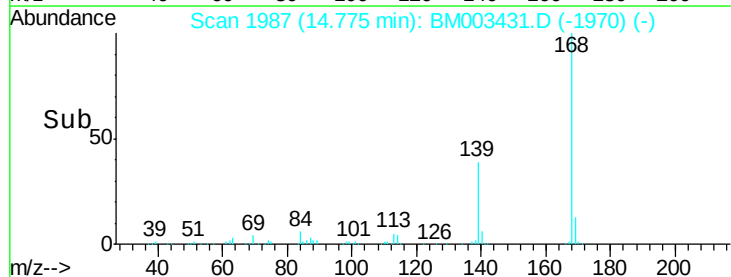
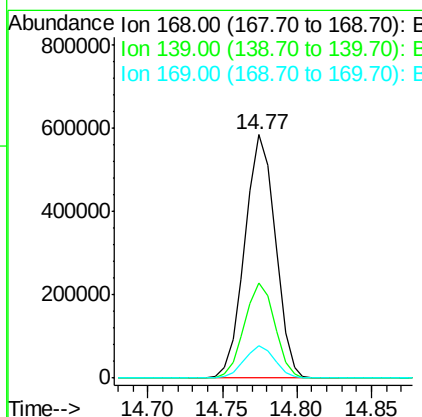
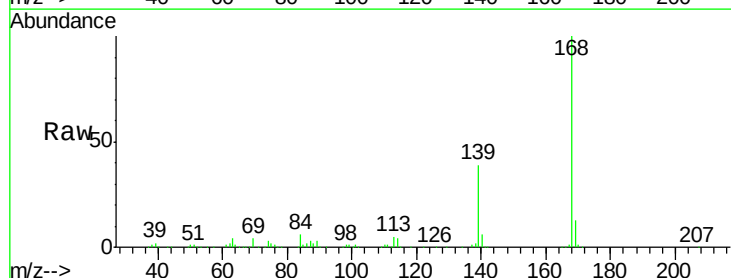
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

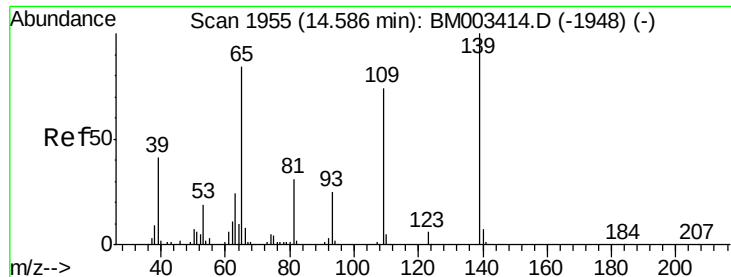
Tgt Ion:184 Resp: 158129
 Ion Ratio Lower Upper
 184 100
 63 54.4 69.2 103.8#
 154 64.4 53.3 79.9



#54
 Dibenzofuran
 Concen: 45.00 ng
 RT: 14.77 min Scan# 1987
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:168 Resp: 828924
 Ion Ratio Lower Upper
 168 100
 139 38.9 27.3 40.9
 169 13.3 10.6 16.0





#55

4-Nitrophenol

Concen: 93.92 ng

RT: 14.60 min Scan# 1957

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

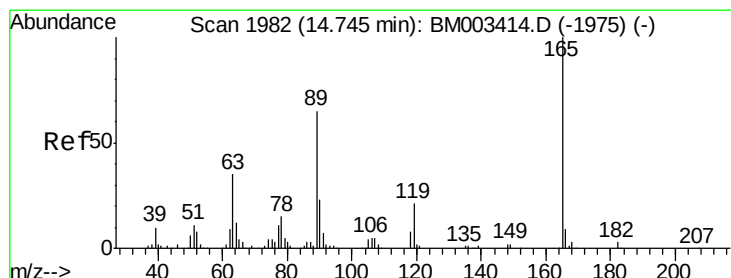
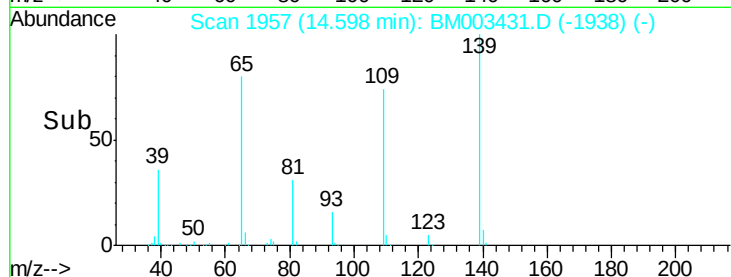
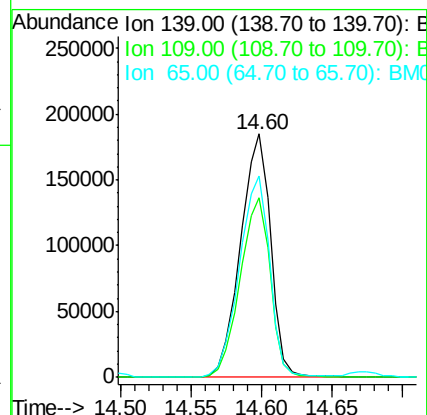
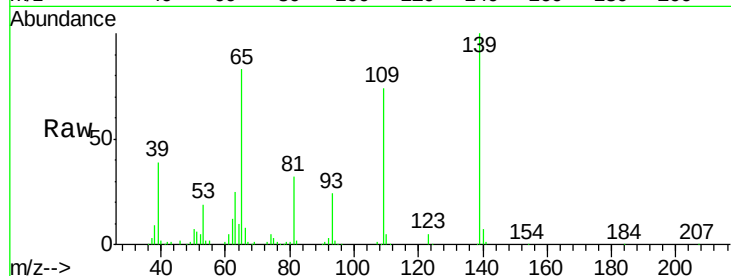
Tgt Ion:139 Resp: 276602

Ion Ratio Lower Upper

139 100

109 73.9 37.7 77.7

65 82.6 49.9 89.9



#56

2,4-Dinitrotoluene

Concen: 48.08 ng

RT: 14.75 min Scan# 1982

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Tgt Ion:165 Resp: 217386

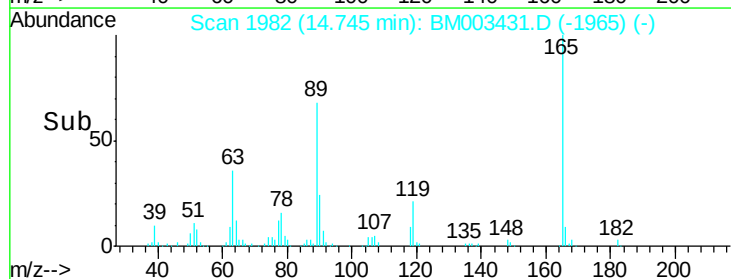
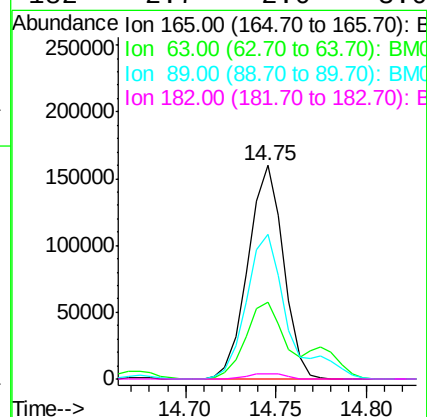
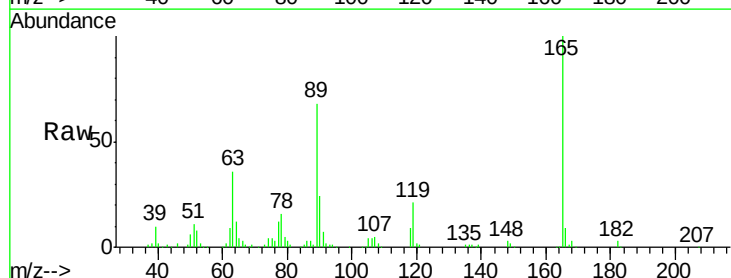
Ion Ratio Lower Upper

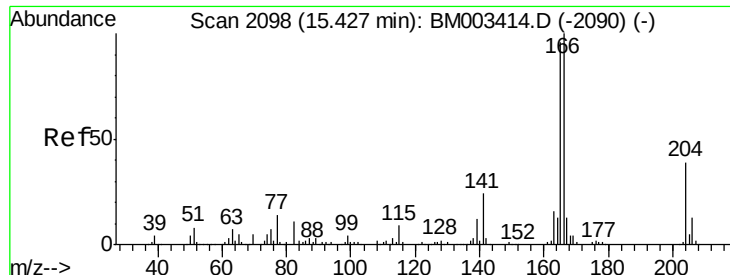
165 100

63 35.9 52.4 78.6#

89 67.8 72.4 108.6#

182 2.7 2.0 3.0





#57

Fluorene

Concen: 42.16 ng

RT: 15.43 min Scan# 2098

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

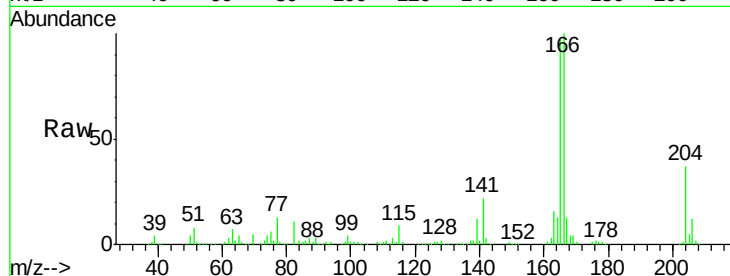
Tgt Ion:166 Resp: 643783

Ion Ratio Lower Upper

166 100

165 97.1 79.0 118.4

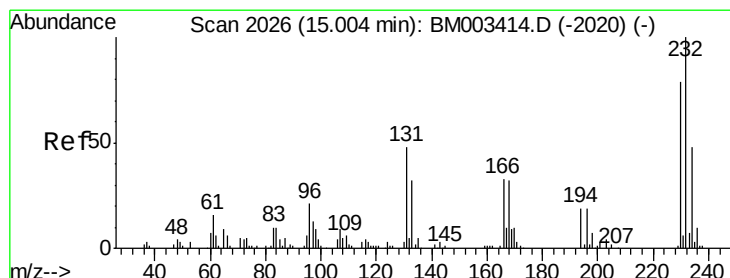
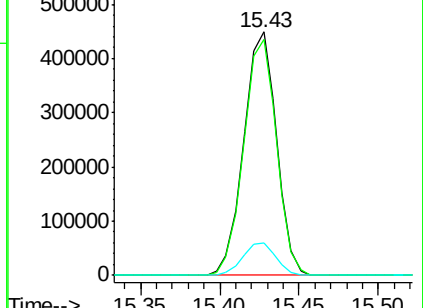
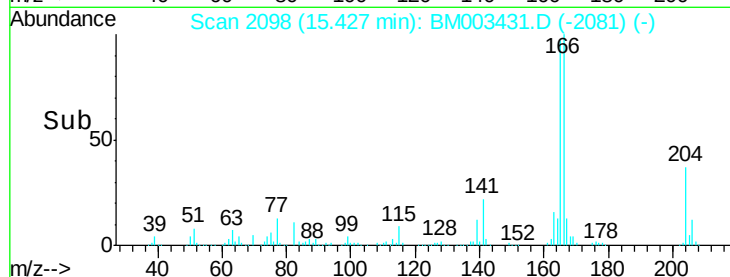
167 13.3 10.3 15.5



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: 50.80 ng

RT: 15.00 min Scan# 2026

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Tgt Ion:232 Resp: 174425

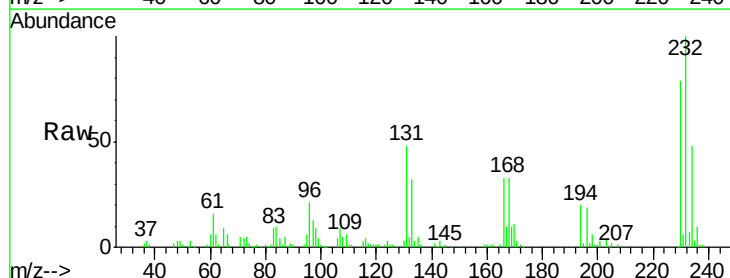
Ion Ratio Lower Upper

232 100

131 49.9 0.0 0.0#

130 2.5 0.0 0.0#

166 33.1 0.0 0.0#

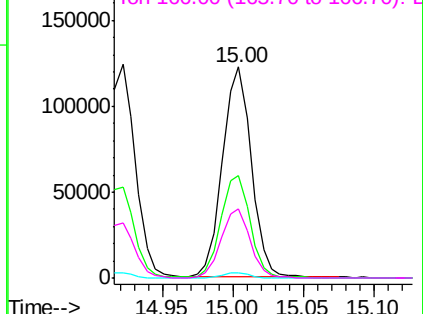
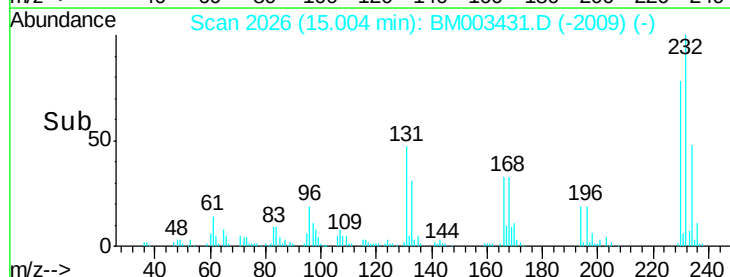


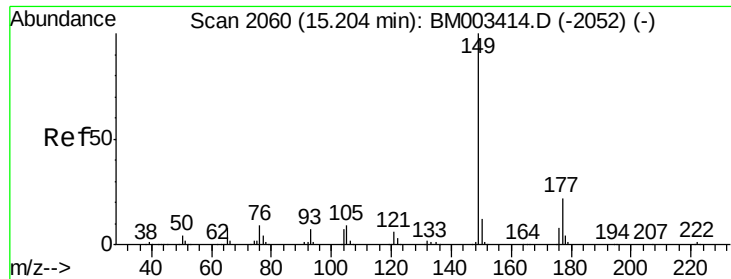
Abundance Ion 232.00 (231.70 to 232.70): E

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

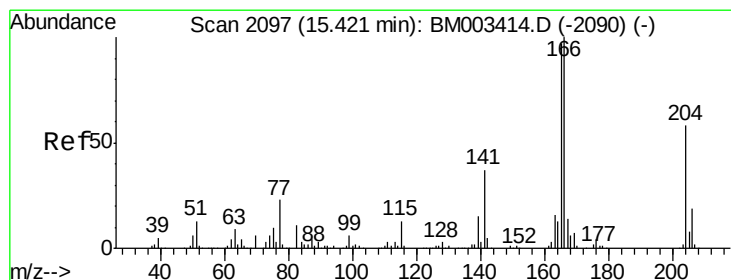
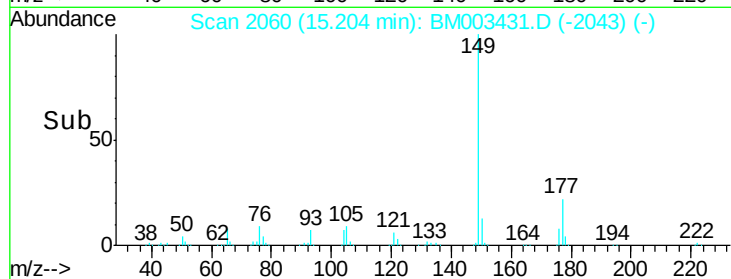
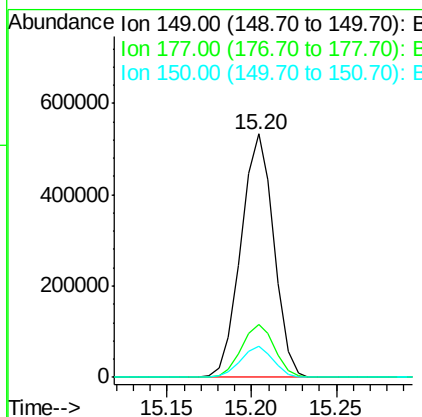
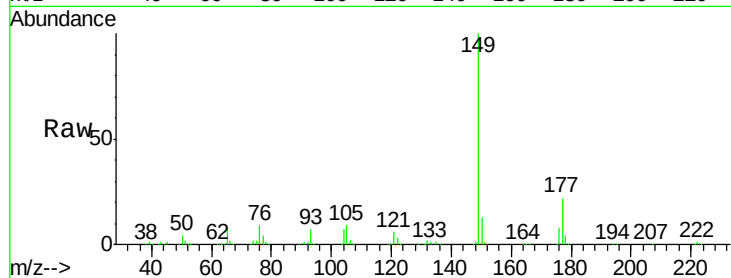




#59
Diethylphthalate
Concen: 44.03 ng
RT: 15.20 min Scan# 2060
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

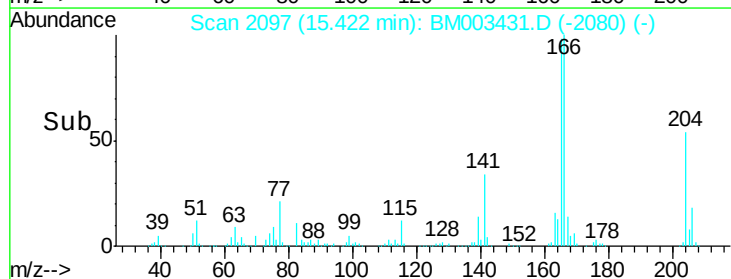
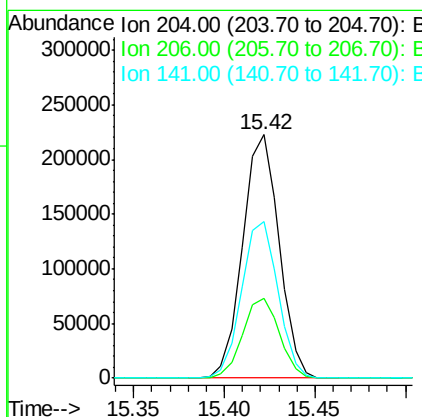
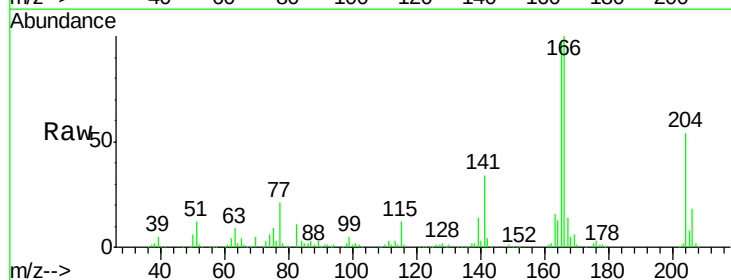
Instrument :
BNA_M
ClientSampleId :
PB87153BS

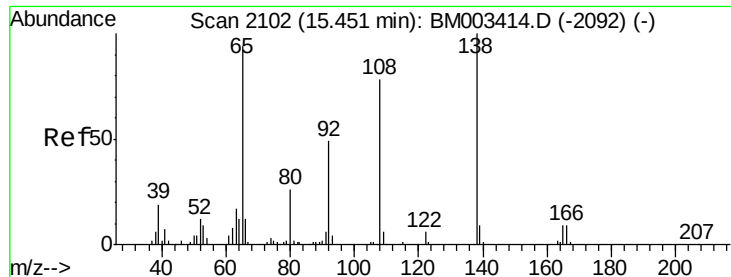
Tgt Ion:149 Resp: 721988
Ion Ratio Lower Upper
149 100
177 21.6 18.3 27.5
150 12.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 40.19 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion:204 Resp: 310368
Ion Ratio Lower Upper
204 100
206 32.8 26.6 39.8
141 64.2 45.2 67.8

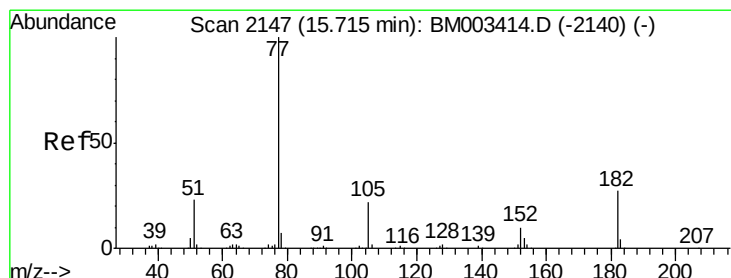
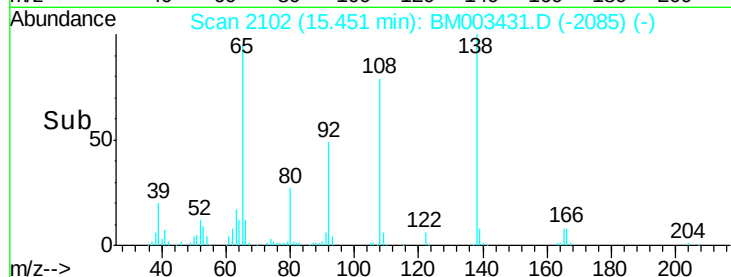
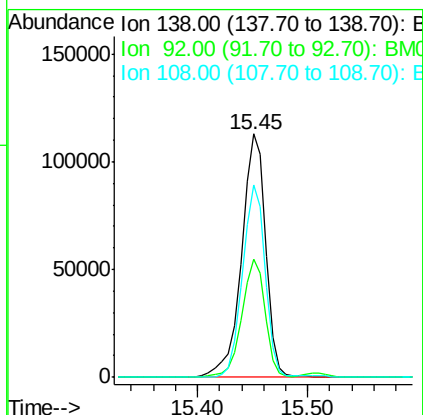
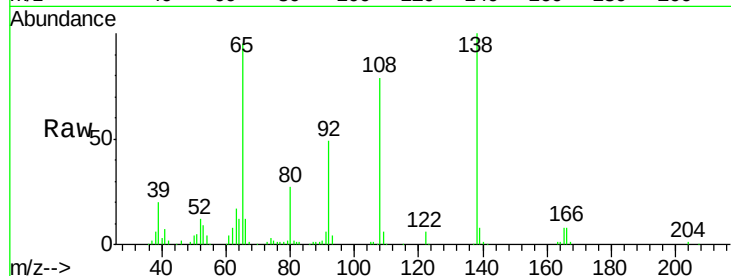




#61
4-Nitroaniline
Concen: 47.81 ng
RT: 15.45 min Scan# 2102
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

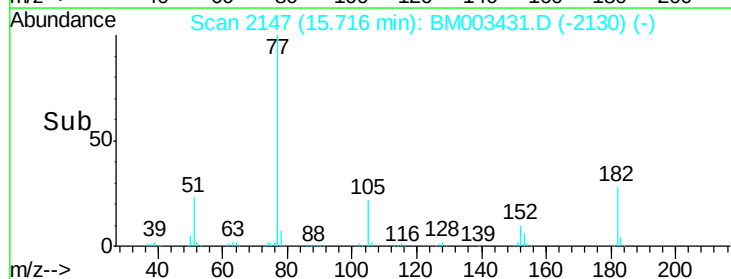
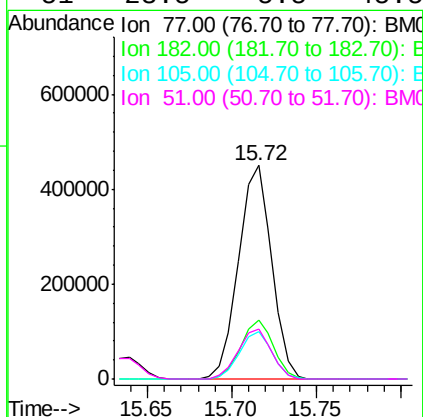
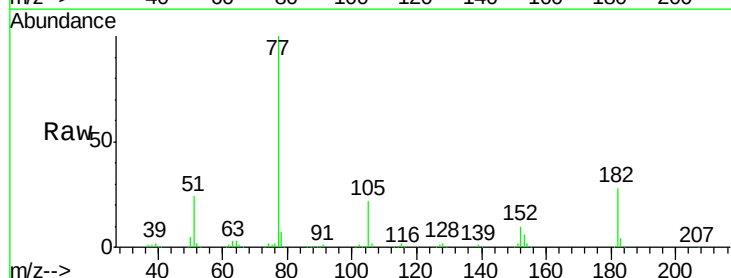
Instrument :
BNA_M
ClientSampleId :
PB87153BS

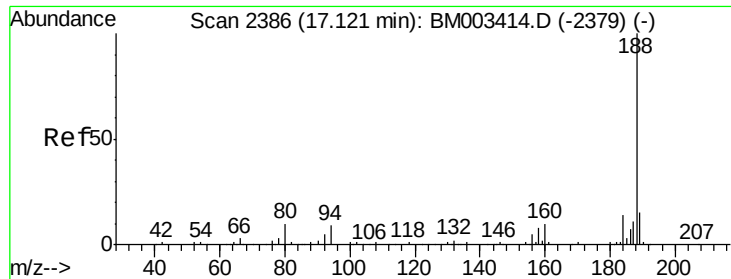
Tgt Ion: 138 Resp: 174104
Ion Ratio Lower Upper
138 100
92 48.8 16.7 56.7
108 78.9 37.6 77.6#



#62
Azobenzene
Concen: 47.77 ng
RT: 15.72 min Scan# 2147
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion: 77 Resp: 614077
Ion Ratio Lower Upper
77 100
182 27.6 6.5 46.5
105 22.2 3.8 43.8
51 23.5 5.5 45.5

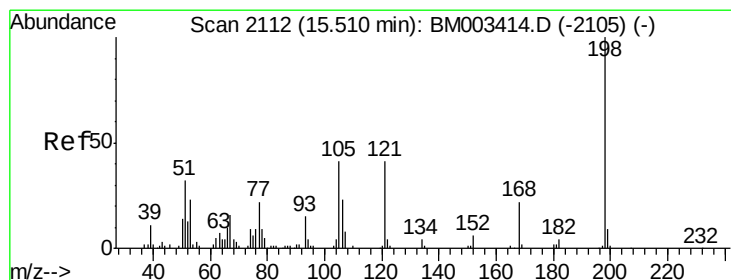
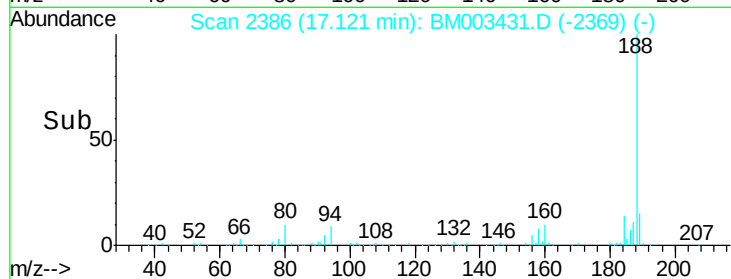
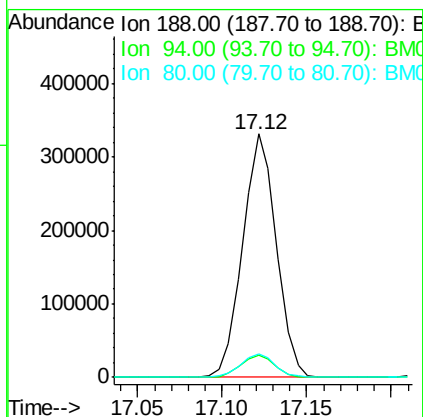
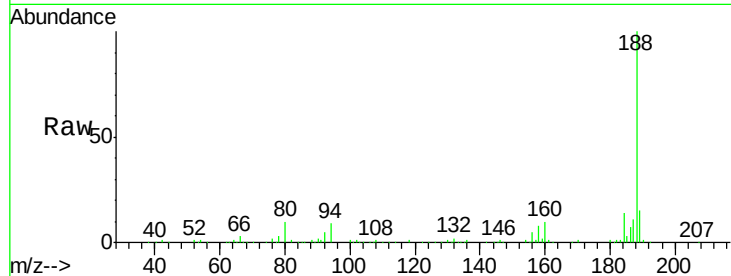




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

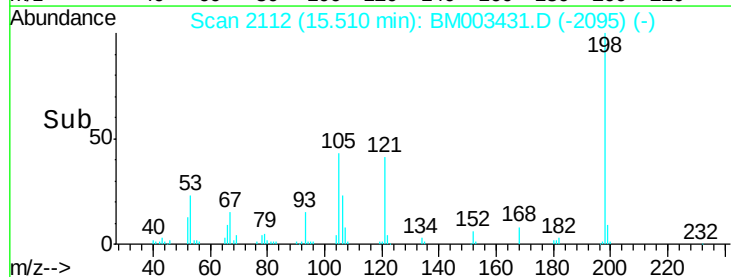
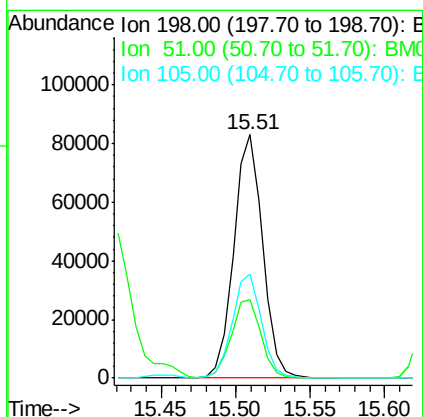
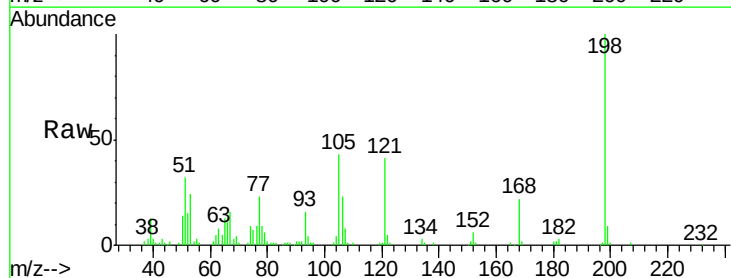
Instrument :
BNA_M
ClientSampleId :
PB87153BS

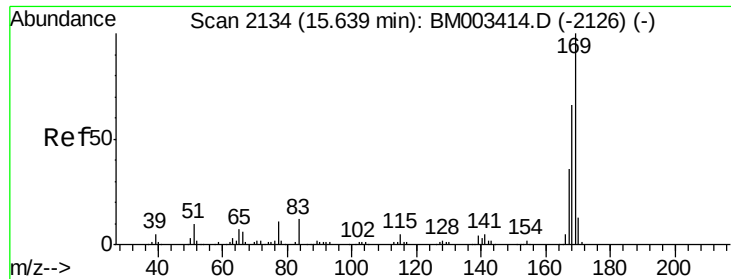
Tgt Ion:188 Resp: 458766
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 9.8 9.3 13.9



#64
4,6-Dinitro-2-methylphenol
Concen: 40.41 ng
RT: 15.51 min Scan# 2112
Delta R.T. 0.00 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion:198 Resp: 111861
Ion Ratio Lower Upper
198 100
51 32.2 28.8 68.8
105 42.6 30.5 70.5





#65

n-Nitrosodiphenylamine

Concen: 40.77 ng

RT: 15.64 min Scan# 2134

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

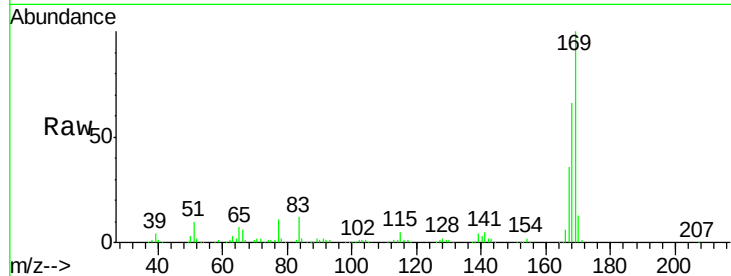
Tgt Ion:169 Resp: 591320

Ion Ratio Lower Upper

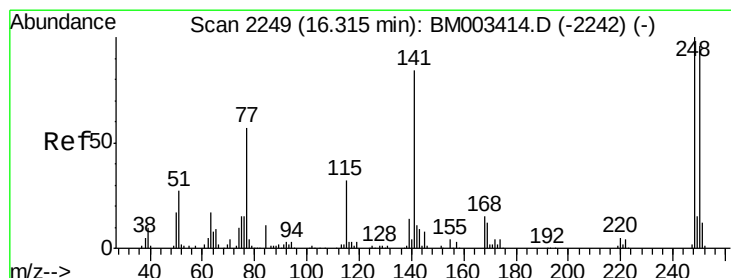
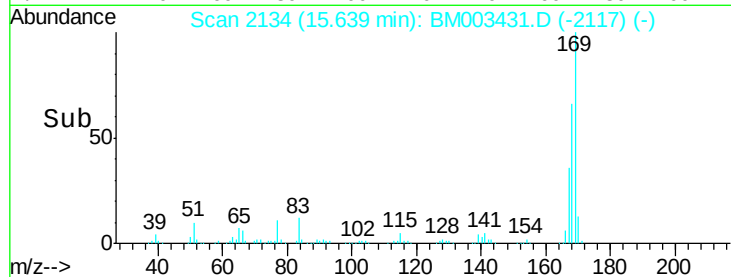
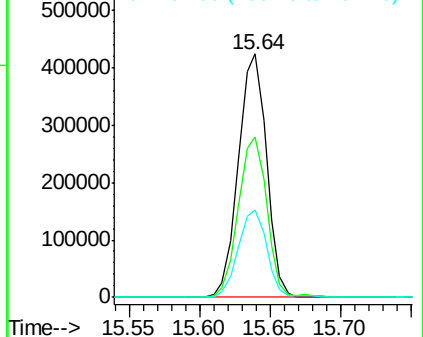
169 100

168 66.1 53.9 80.9

167 35.9 28.9 43.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.11 ng

RT: 16.32 min Scan# 2249

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

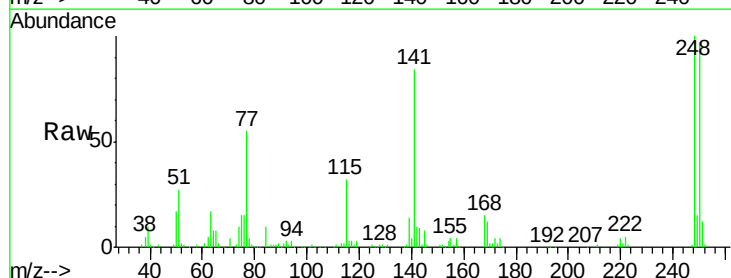
Tgt Ion:248 Resp: 193467

Ion Ratio Lower Upper

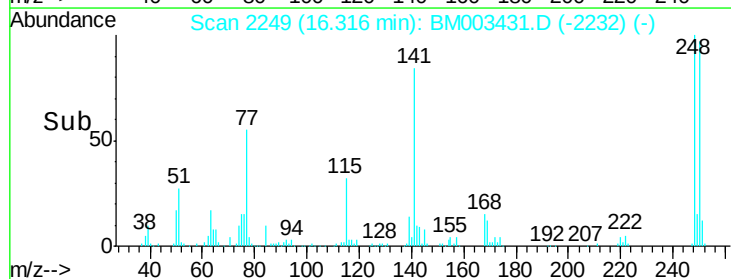
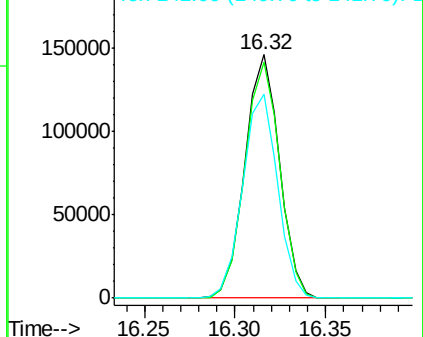
248 100

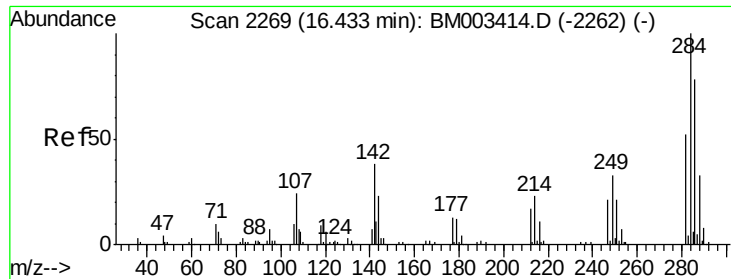
250 96.8 77.4 116.0

141 83.7 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.16 ng

RT: 16.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

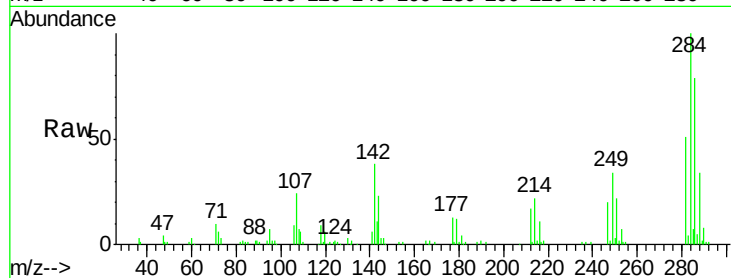
Tgt Ion:284 Resp: 213444

Ion Ratio Lower Upper

284 100

142 38.4 20.4 30.6#

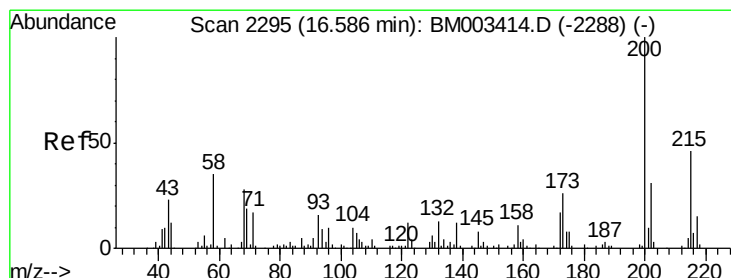
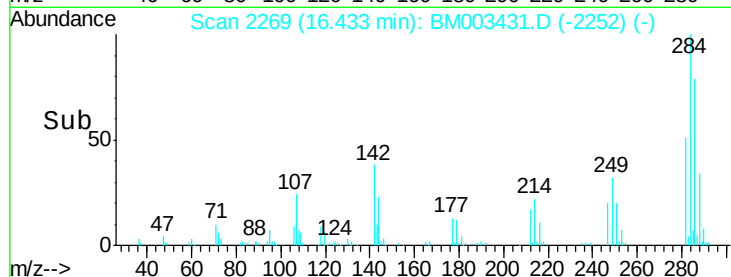
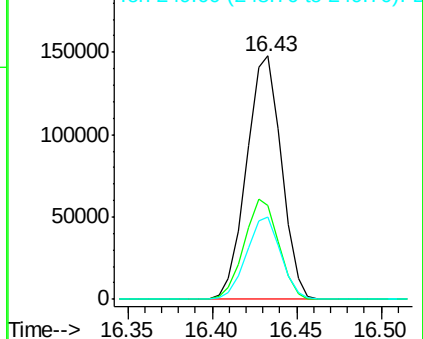
249 33.6 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.82 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

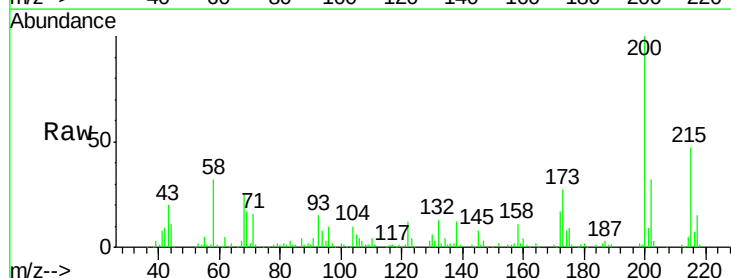
Tgt Ion:200 Resp: 211800

Ion Ratio Lower Upper

200 100

173 26.7 4.8 44.8

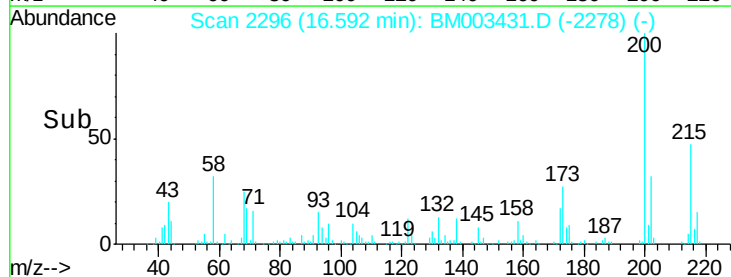
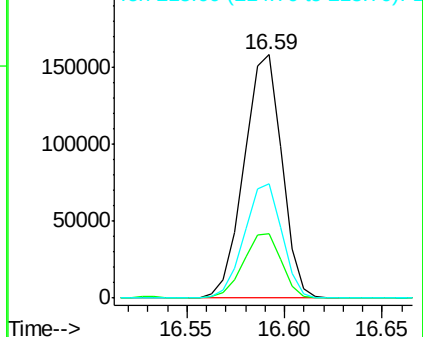
215 47.1 26.9 66.9

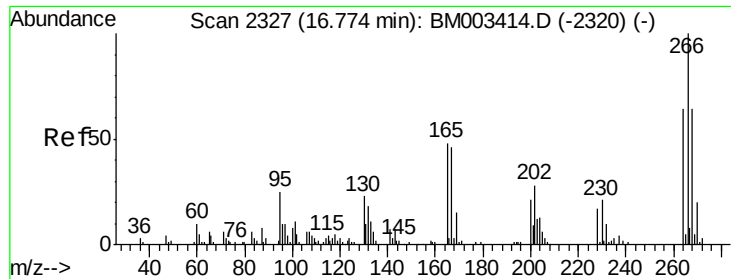


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

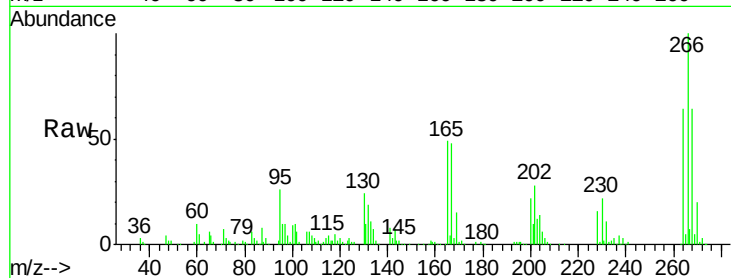




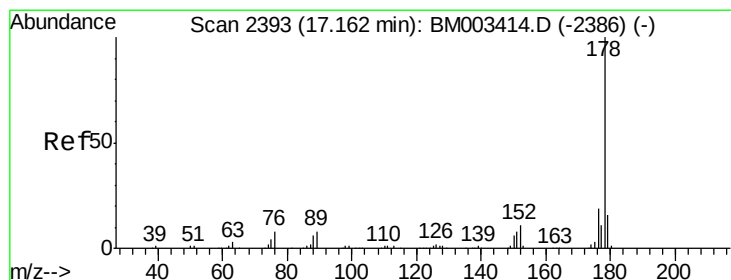
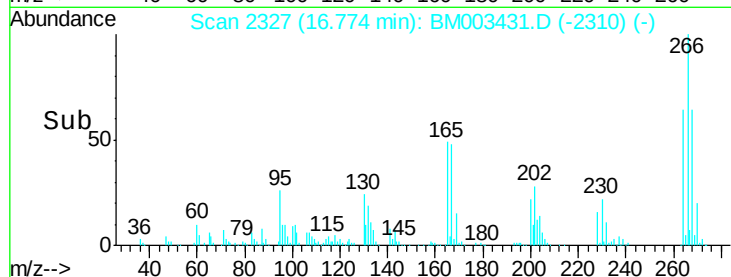
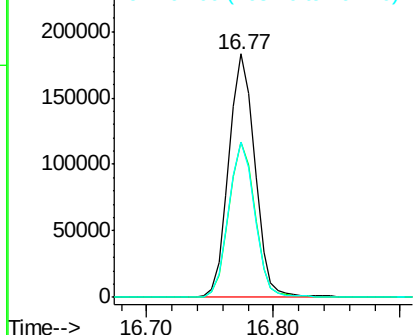
#69
 Pentachlorophenol
 Concen: 86.26 ng
 RT: 16.77 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Instrument :
 BNA_M
 ClientSampleID :
 PB87153BS

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	52.0	78.0
264	63.6	49.0	73.4

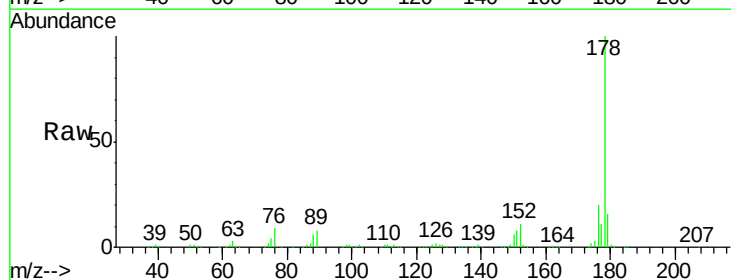


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

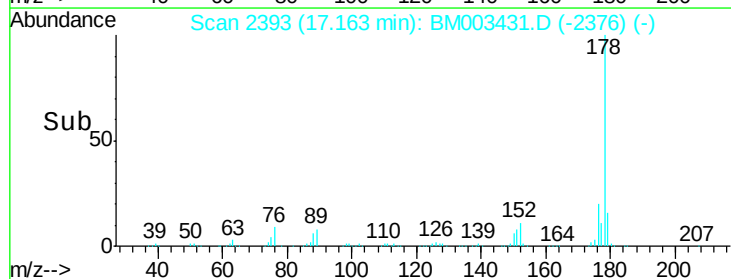
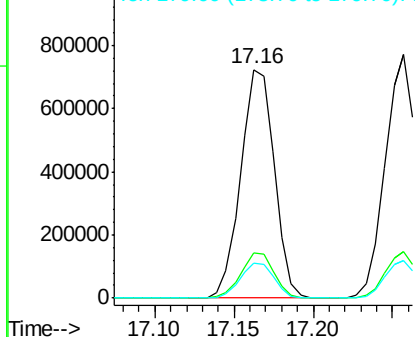


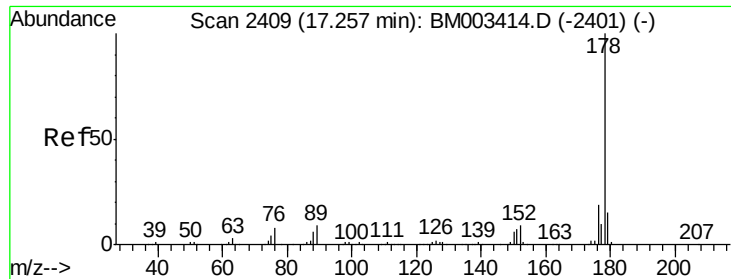
#70
 Phenanthrene
 Concen: 41.34 ng
 RT: 17.16 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.2	22.8
179	15.6	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

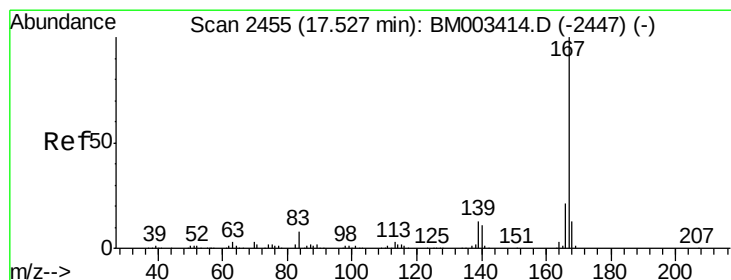
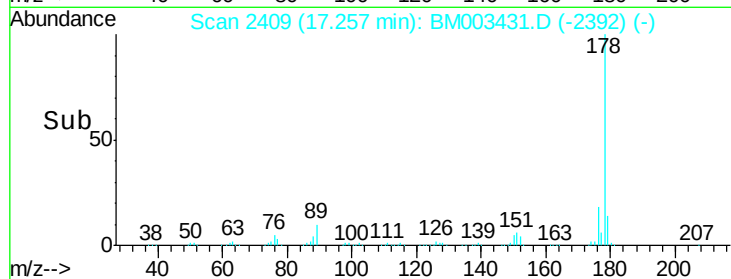
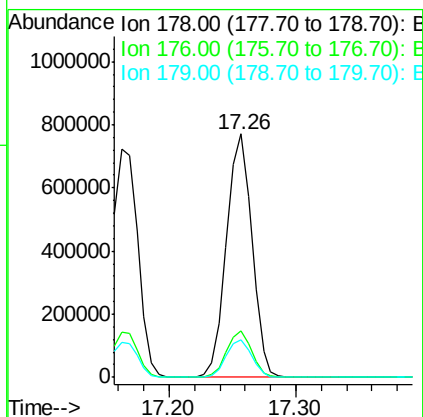
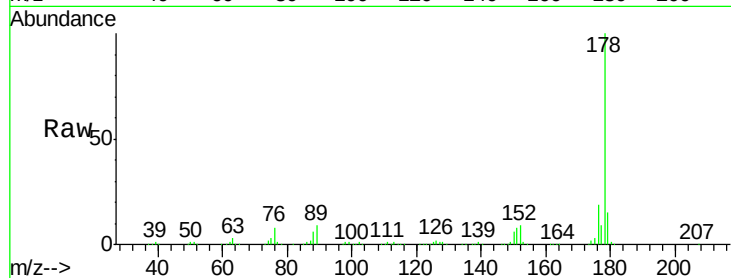




#71
 Anthracene
 Concen: 41.99 ng
 RT: 17.26 min Scan# 2409
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

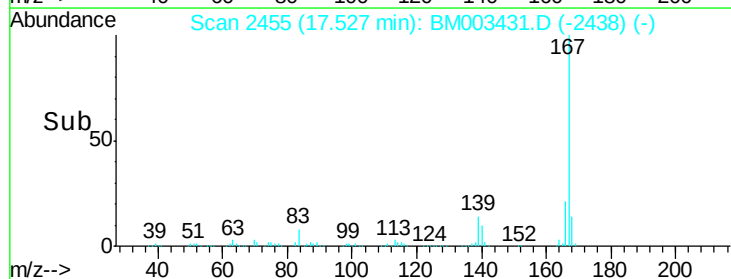
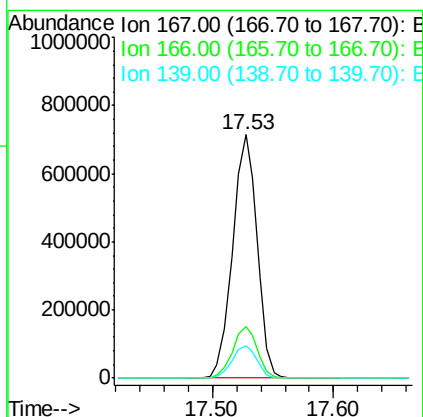
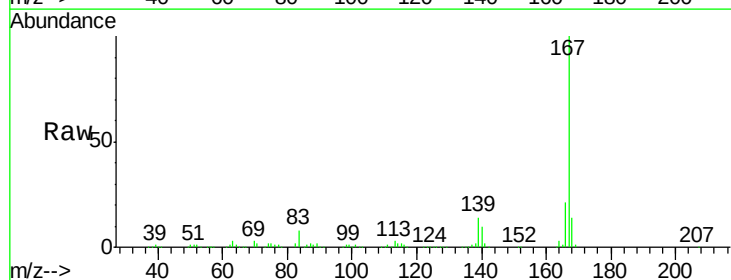
Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

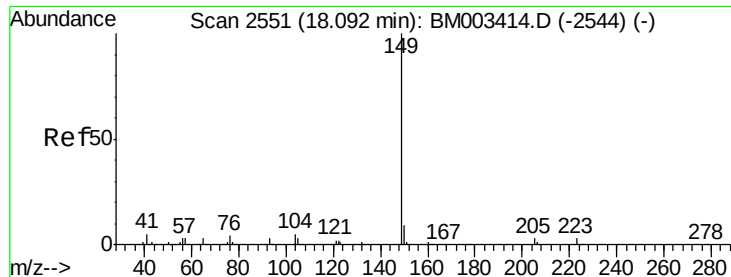
Tgt Ion:178 Resp: 1074066
 Ion Ratio Lower Upper
 178 100
 176 19.1 14.6 22.0
 179 15.3 12.6 19.0



#72
 Carbazole
 Concen: 45.28 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:167 Resp: 1008962
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.2 25.8
 139 13.6 10.8 16.2





#73

Di-n-butylphthalate

Concen: 46.92 ng

RT: 18.09 min Scan# 2551

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

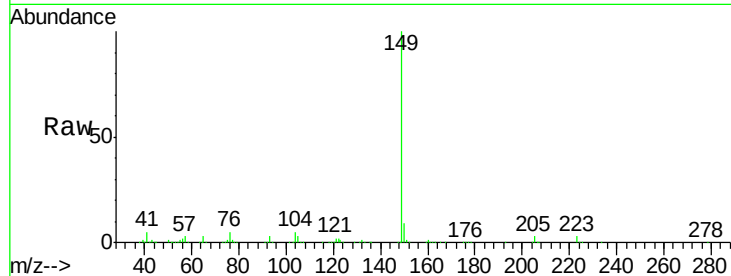
Tgt Ion:149 Resp: 1222356

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

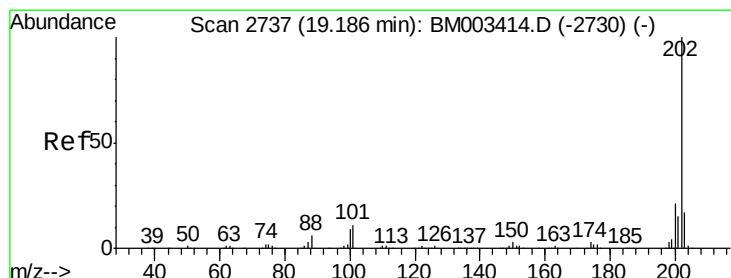
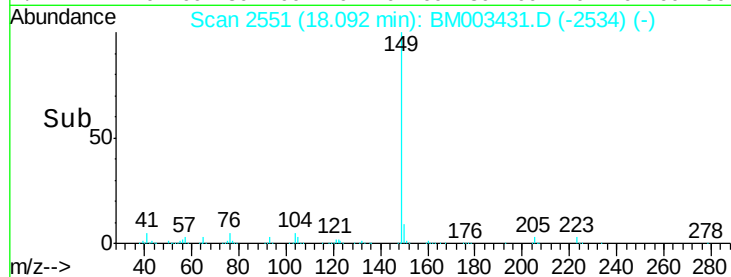
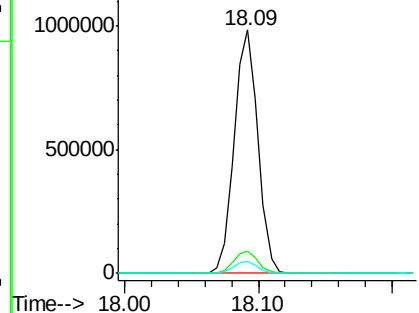
104 4.9 3.7 5.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 45.23 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

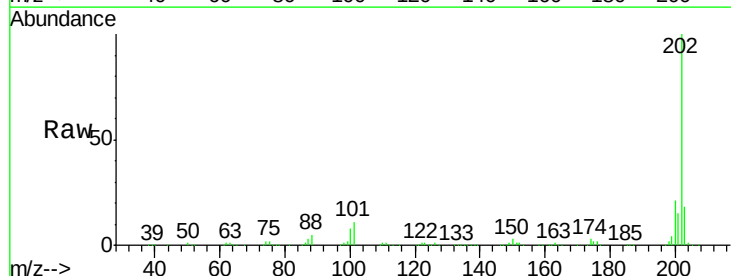
Tgt Ion:202 Resp: 1200814

Ion Ratio Lower Upper

202 100

101 11.0 0.0 28.7

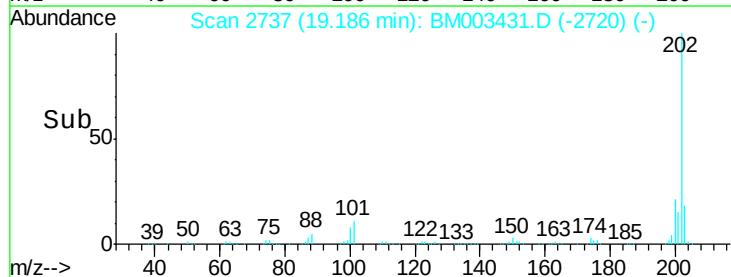
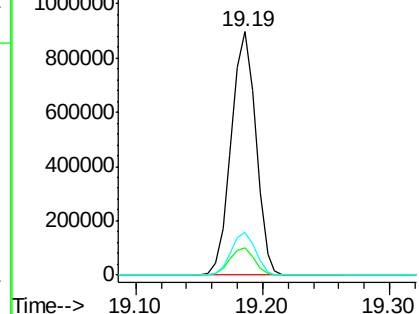
203 17.5 0.0 37.2

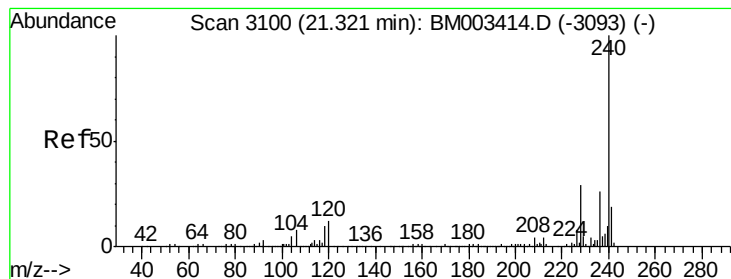


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

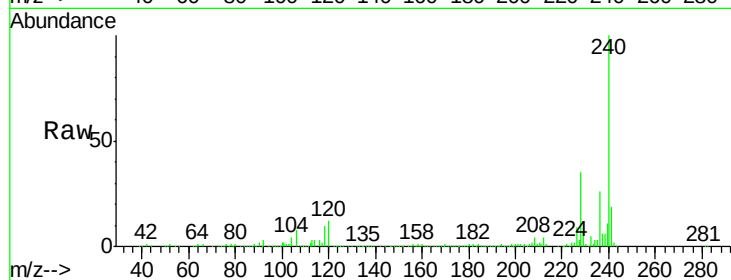
Tgt Ion:240 Resp: 431393

Ion Ratio Lower Upper

240 100

120 11.8 8.2 12.2

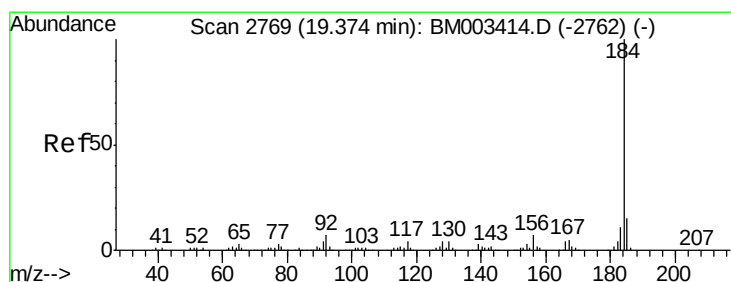
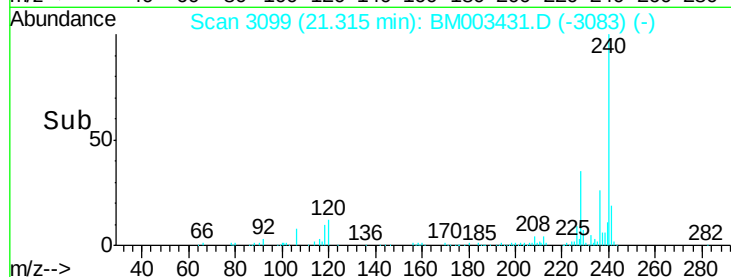
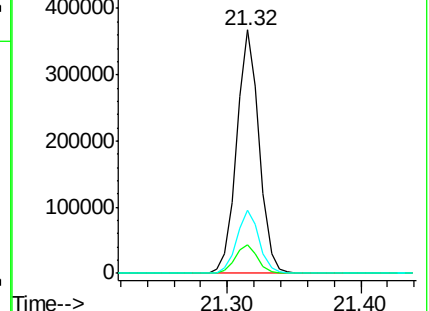
236 25.8 20.0 30.0



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: 54.95 ng

RT: 19.37 min Scan# 2769

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

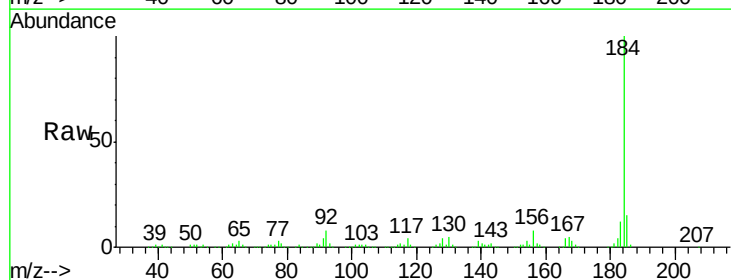
Tgt Ion:184 Resp: 759470

Ion Ratio Lower Upper

184 100

185 14.5 11.3 16.9

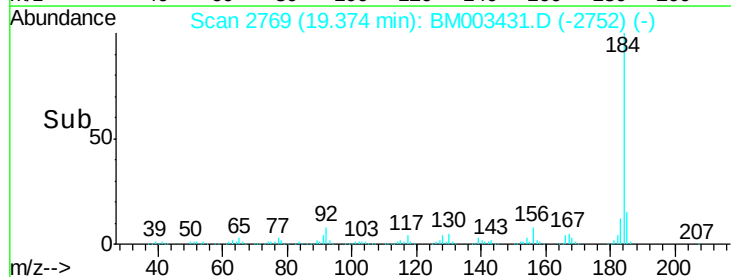
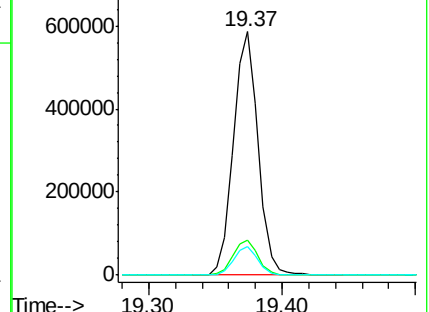
183 11.6 8.9 13.3

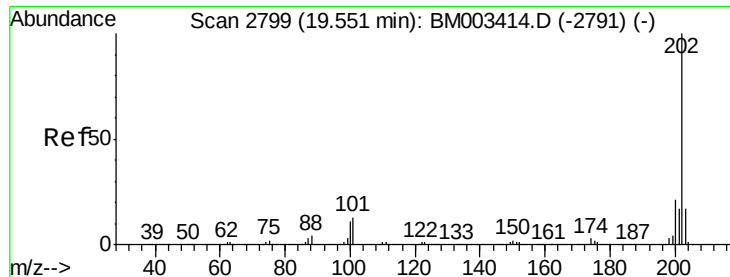


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 40.84 ng

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

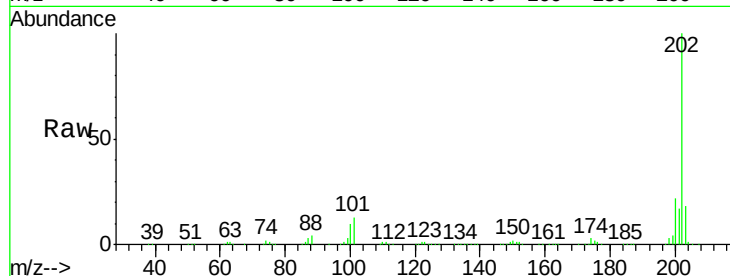
Tgt Ion:202 Resp: 1235571

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

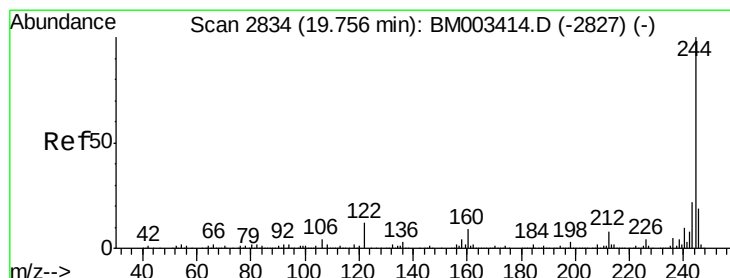
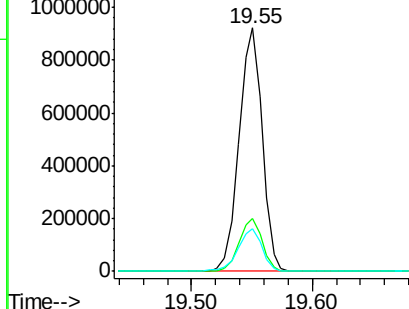
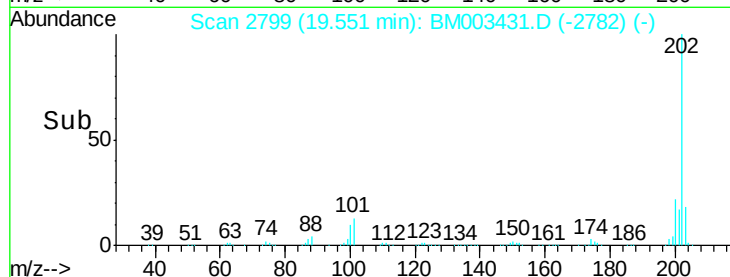
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.71 ng

RT: 19.76 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

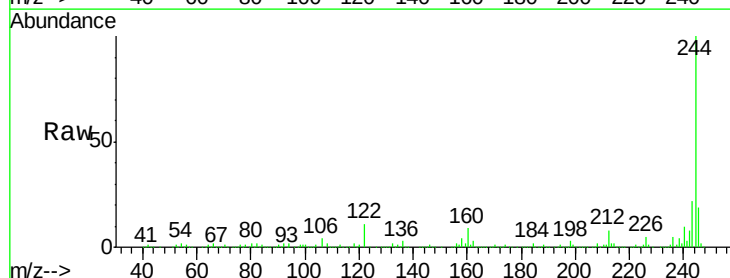
Tgt Ion:244 Resp: 1494745

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

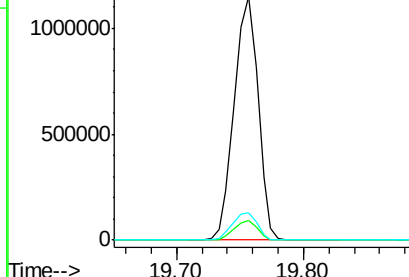
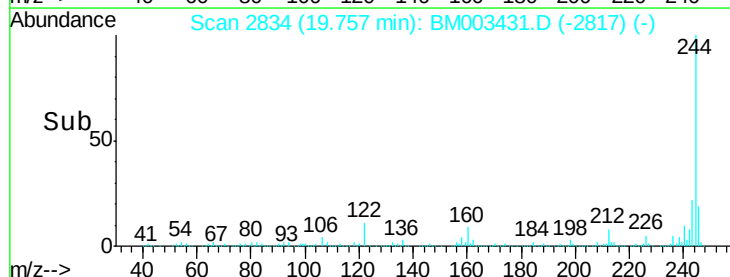
122 11.4 6.2 9.4#

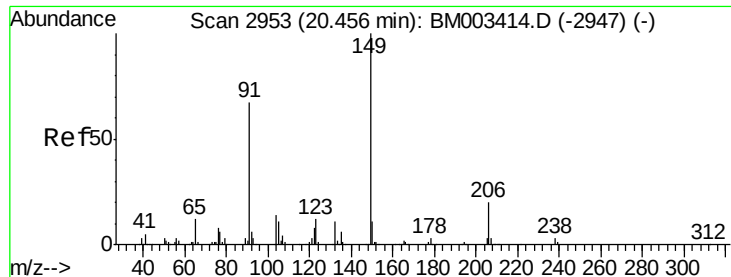


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

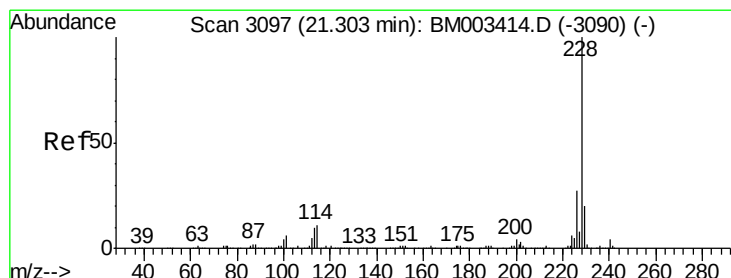
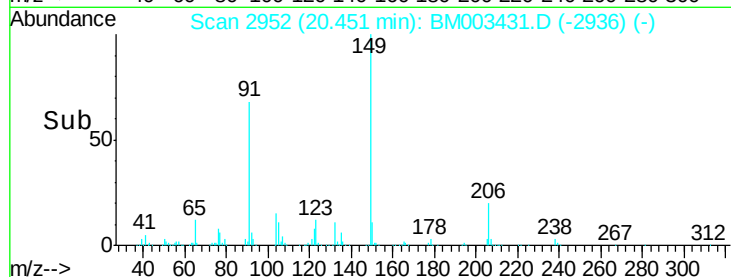
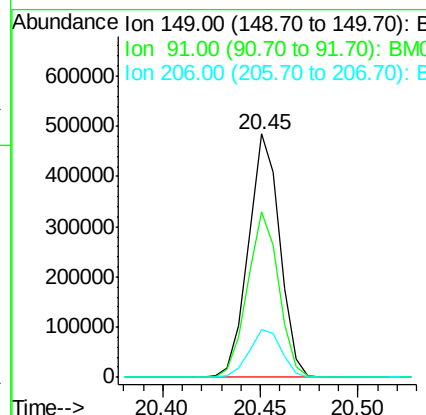
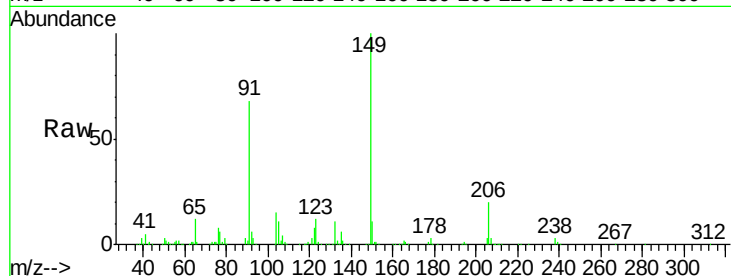




#79
Butylbenzylphthalate
Concen: 46.32 ng
RT: 20.45 min Scan# 2952
Delta R.T. -0.01 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

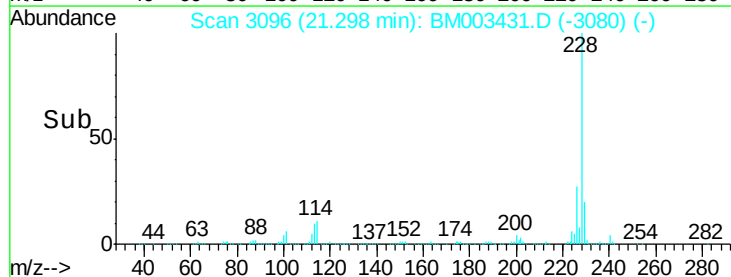
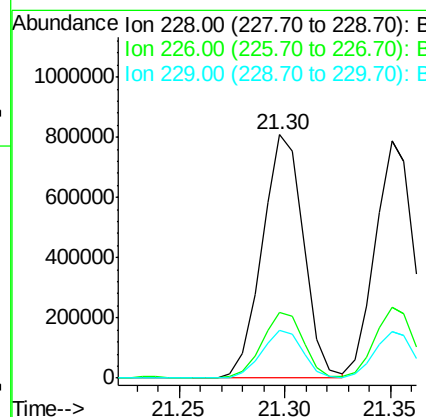
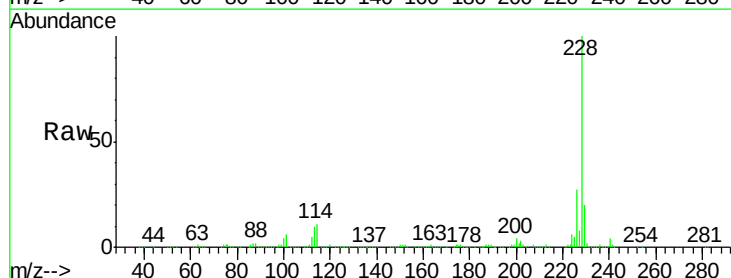
Instrument :
BNA_M
ClientSampleId :
PB87153BS

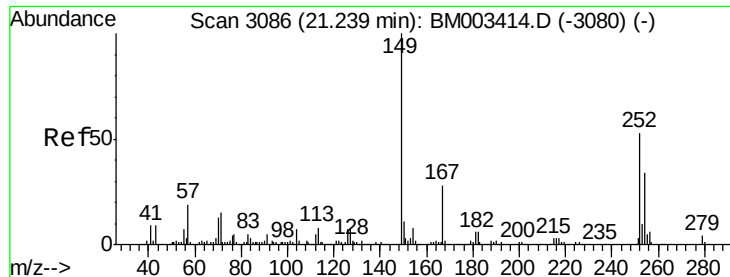
Tgt Ion:149 Resp: 539622
Ion Ratio Lower Upper
149 100
91 68.1 50.1 75.1
206 19.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 42.53 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003431.D
Acq: 10 Dec 2015 02:18

Tgt Ion:228 Resp: 1100020
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.8 16.0 24.0

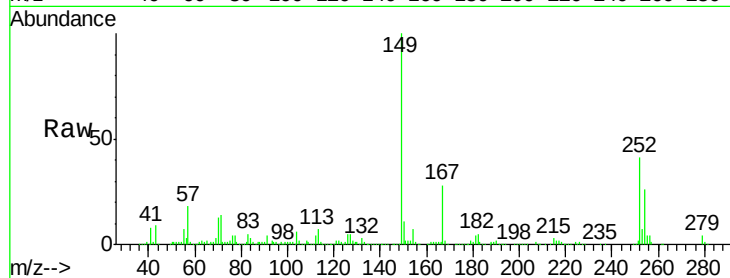




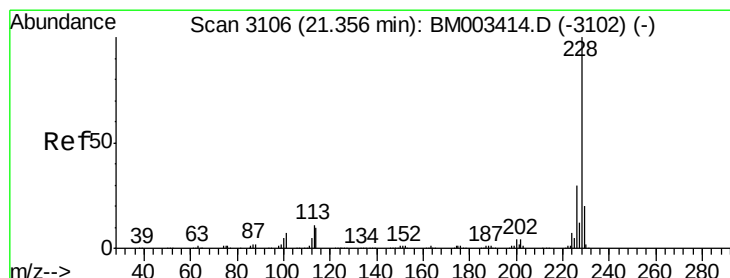
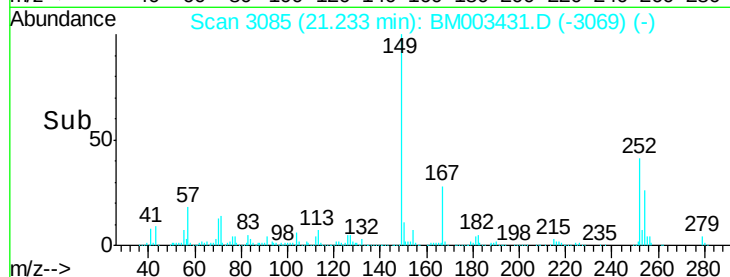
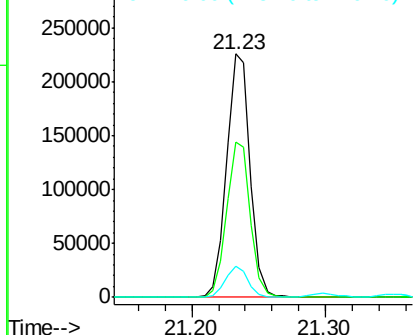
#81
 3,3'-Dichlorobenzidine
 Concen: 34.03 ng
 RT: 21.23 min Scan# 3085
 Delta R.T. -0.01 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Instrument :
 BNA_M
 ClientSampleId :
 PB87153BS

Tgt Ion:252 Resp: 280226
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.9 77.9
 126 12.6 9.8 14.8

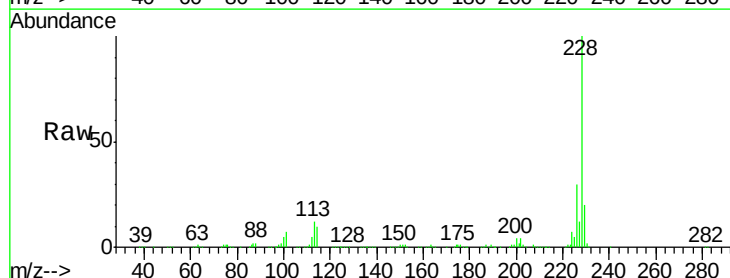


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

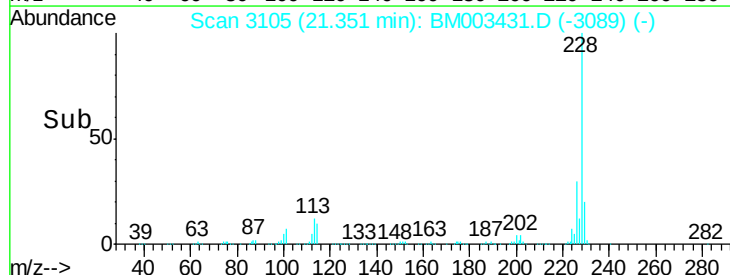
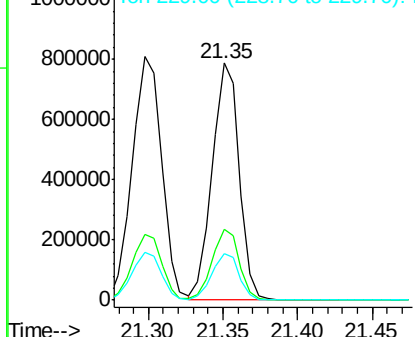


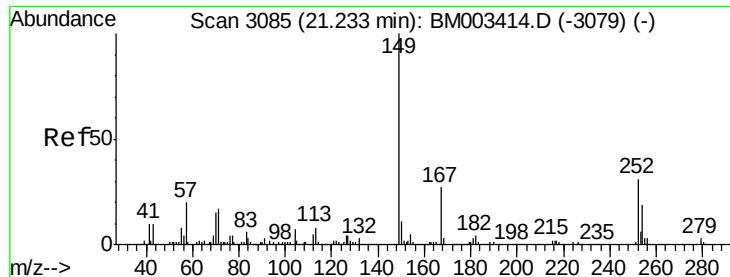
#82
 Chrysene
 Concen: 39.84 ng
 RT: 21.35 min Scan# 3105
 Delta R.T. -0.01 min
 Lab File: BM003431.D
 Acq: 10 Dec 2015 02:18

Tgt Ion:228 Resp: 991651
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.7 15.5 23.3



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 45.79 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.00 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

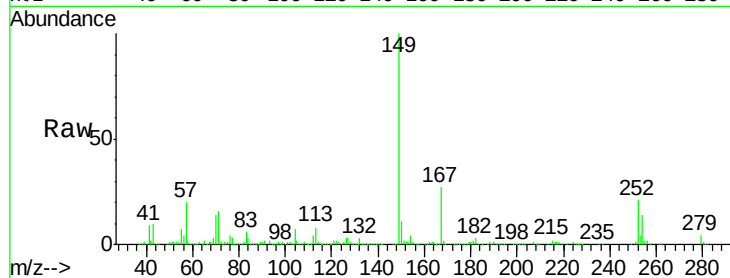
Tgt Ion:149 Resp: 731696

Ion Ratio Lower Upper

149 100

167 27.5 22.4 33.6

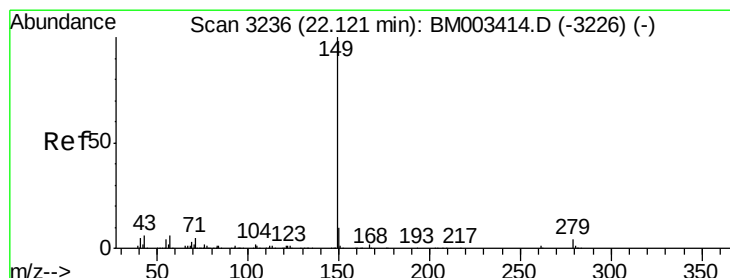
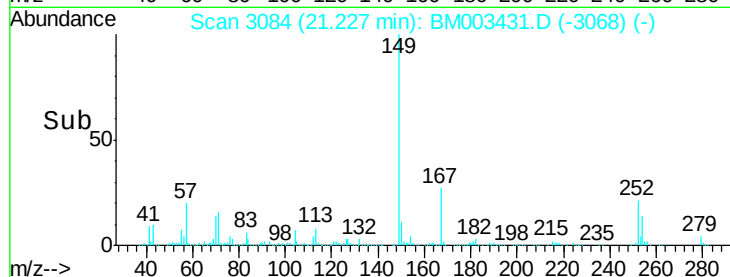
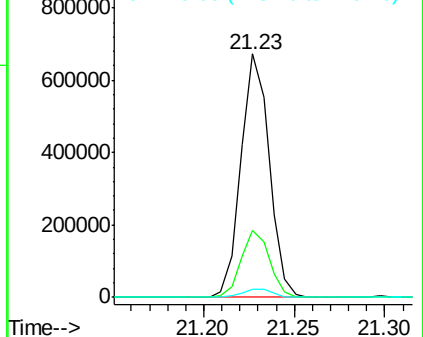
279 3.6 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 46.81 ng

RT: 22.11 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

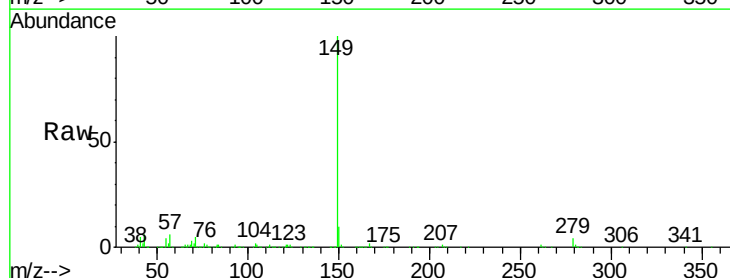
Tgt Ion:149 Resp: 1235758

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

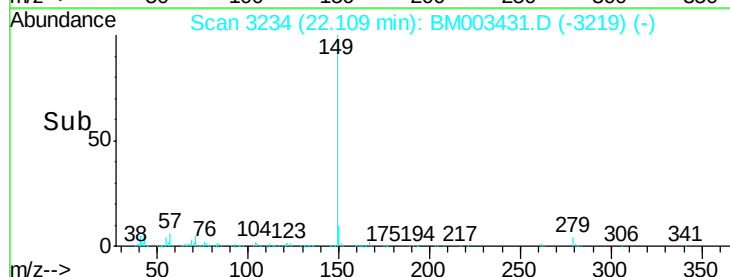
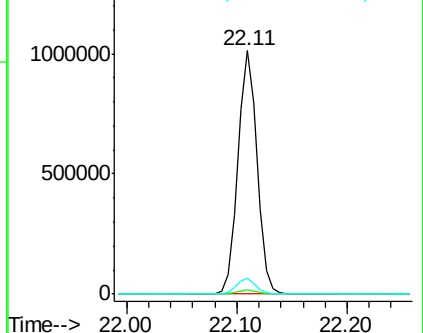
43 6.6 7.3 10.9#

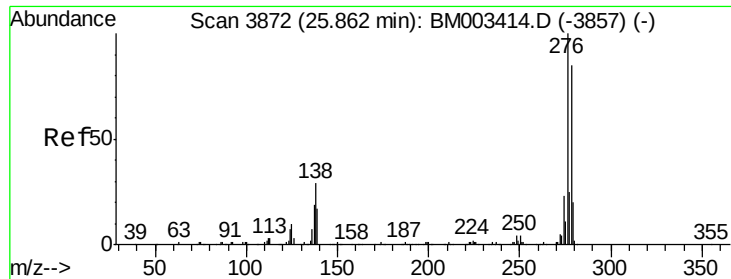


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Indeno(1,2,3-cd)pyrene

Concen: 36.90 ng

RT: 25.85 min Scan# 3870

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

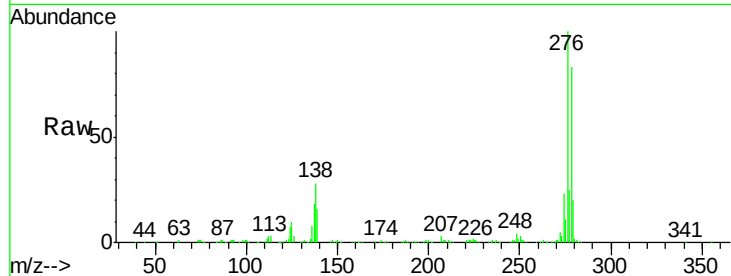
Tgt Ion:276 Resp: 965138

Ion Ratio Lower Upper

276 100

138 28.2 0.0 0.0#

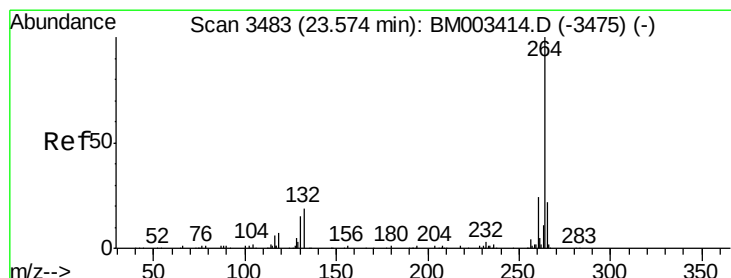
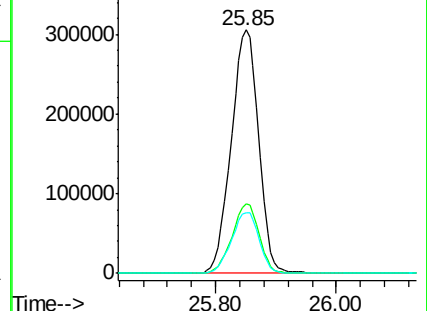
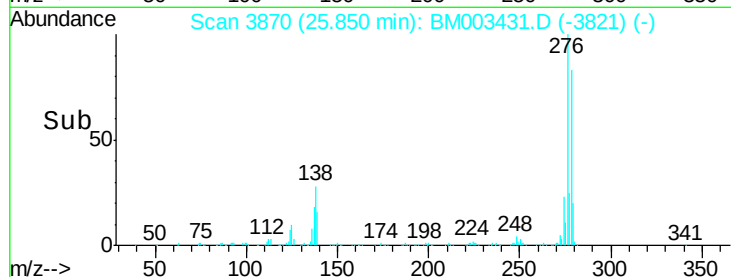
277 25.2 0.0 0.0#



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: BM003431.D

Acq: 10 Dec 2015 02:18

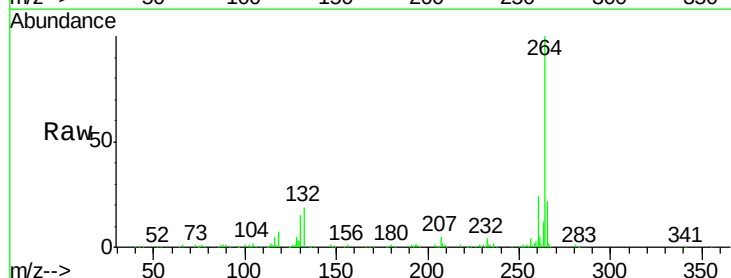
Tgt Ion:264 Resp: 363420

Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

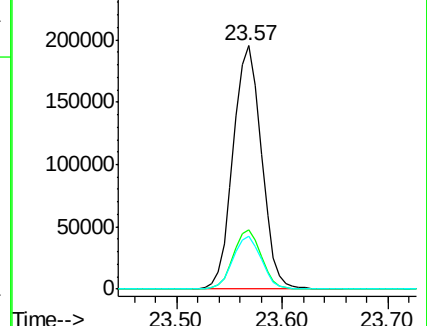
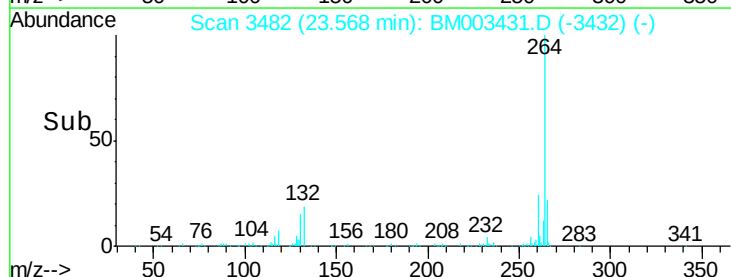
265 21.7 17.3 25.9

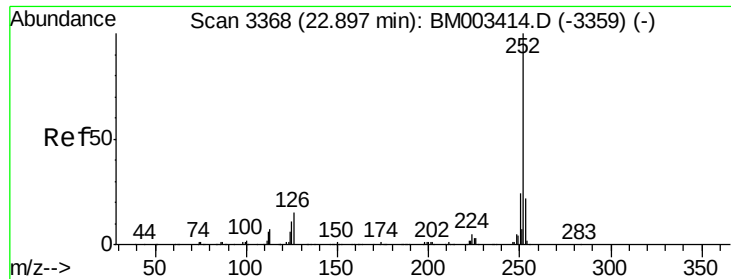


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 45.36 ng

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

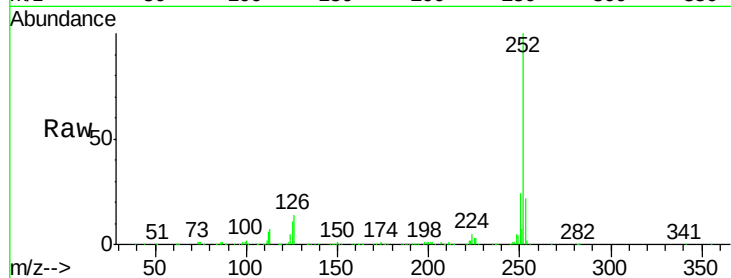
Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :
BNA_M
ClientSampleId :
PB87153BS

Tgt Ion:252 Resp: 1002011

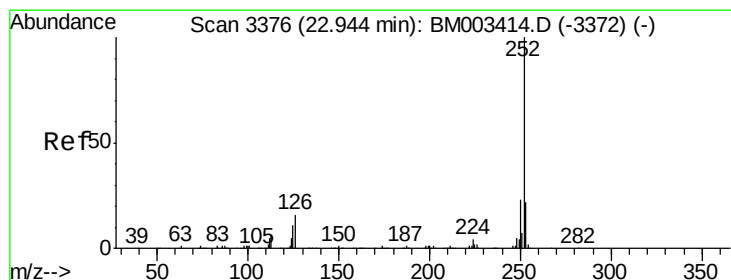
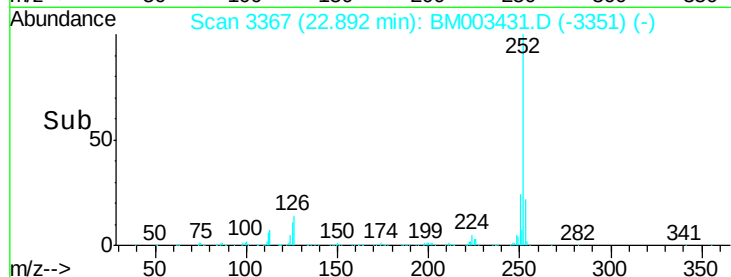
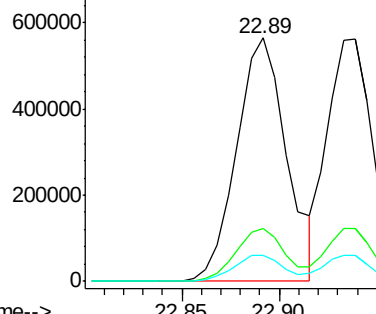
Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.0	27.0
125	10.6	9.9	14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 41.86 ng

RT: 22.94 min Scan# 3375

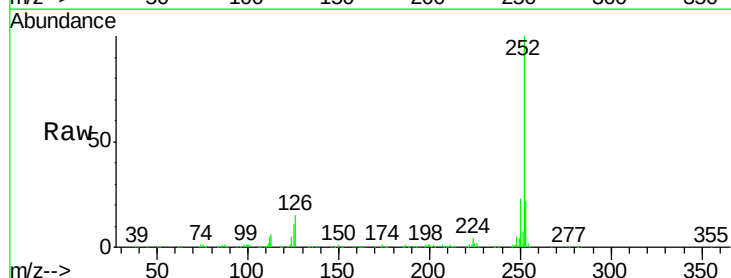
Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Tgt Ion:252 Resp: 902775

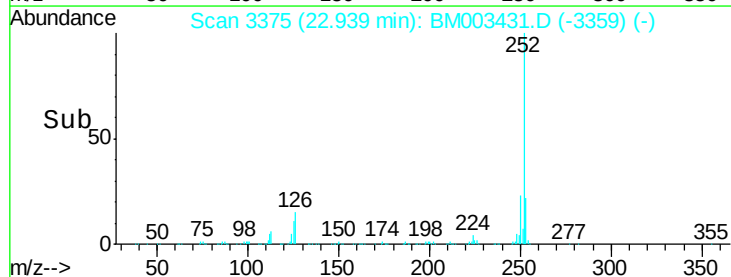
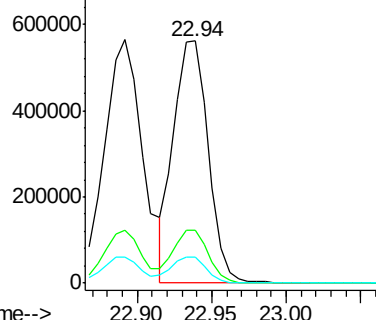
Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	10.5	8.1	12.1

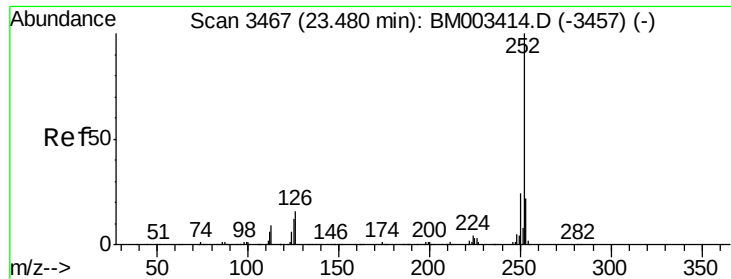


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 43.55 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS

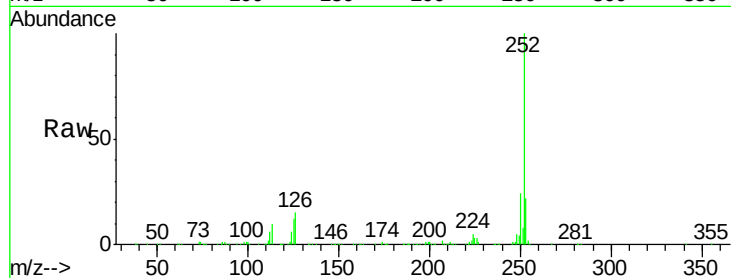
Tgt Ion:252 Resp: 904972

Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

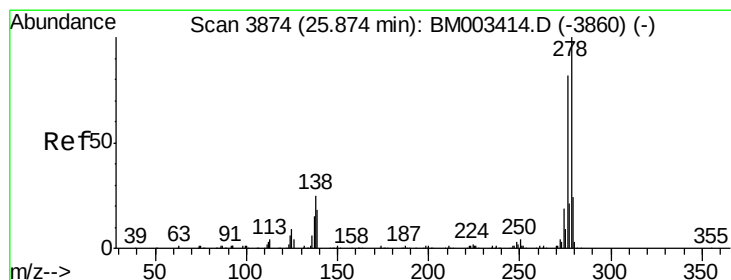
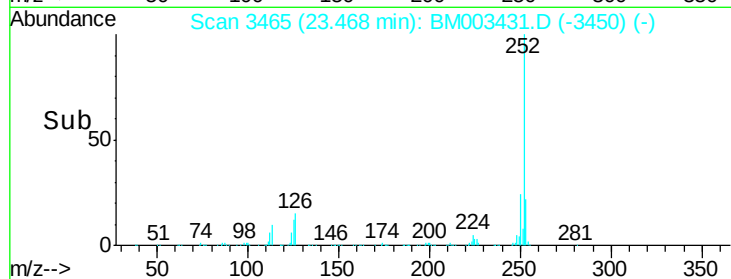
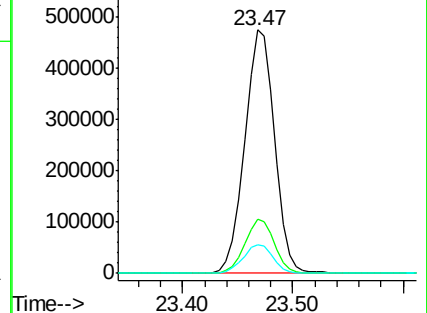
125 12.0 7.4 11.2#



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: 39.81 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.01 min

Lab File: BM003431.D

Acq: 10 Dec 2015 02:18

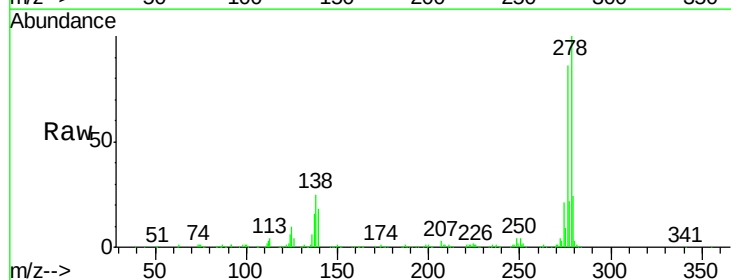
Tgt Ion:278 Resp: 807584

Ion Ratio Lower Upper

278 100

139 18.1 13.4 20.0

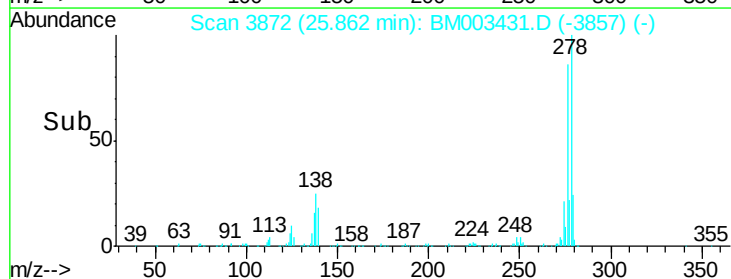
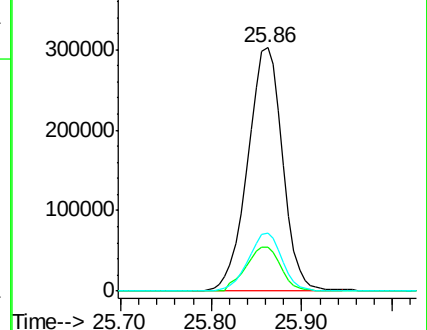
279 23.8 19.0 28.4

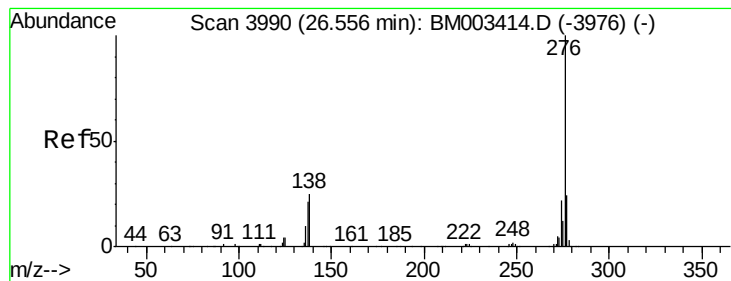


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.47 ng

RT: 26.55 min Scan# 3989

Delta R.T. -0.01 min

Lab File: BM003431.D

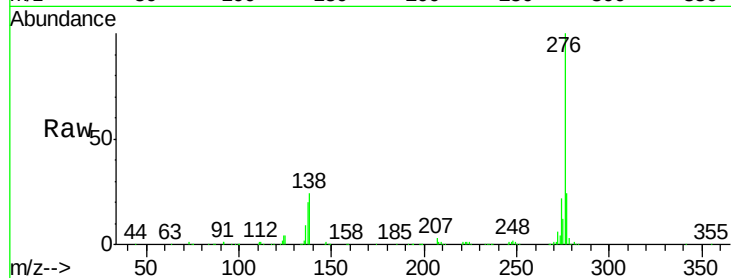
Acq: 10 Dec 2015 02:18

Instrument :

BNA_M

ClientSampleId :

PB87153BS



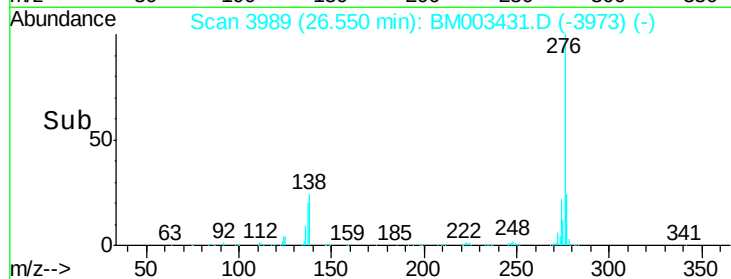
Tgt Ion: 276 Resp: 809045

Ion Ratio Lower Upper

276 100

277 23.6 18.5 27.7

138 23.8 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

