

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010174.D
 Acq On : 24 May 2017 11:15
 Operator : SJ/MA
 Sample : PB99196BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

Quant Time: May 25 05:23:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	121506	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	422101	20.00	ng	-0.02
38) Acenaphthene-d10	14.59	164	278587	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	678726	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1088412	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1229141	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	964398	143.33	ng	-0.02
7) Phenol-d6	7.15	99	1199318	138.52	ng	-0.02
23) Nitrobenzene-d5	9.14	82	810896	103.65	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	648022	153.15	ng	-0.02
44) 2-Fluorobiphenyl	13.21	172	2133251	98.44	ng	-0.02
78) Terphenyl-d14	19.93	244	3925851	82.02	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.43	88	110665	35.80	ng	# 100
3) Pyridine	3.85	79	303473	36.67	ng	89
4) n-Nitrosodimethylamine	3.76	42	158542	52.96	ng	# 76
6) Aniline	7.30	93	347146	32.36	ng	93
8) 2-Chlorophenol	7.53	128	315381	43.08	ng	96
9) Benzaldehyde	7.12	77	90614	16.81	ng	90
10) Phenol	7.17	94	408352	44.76	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	272372	40.05	ng	99
12) 1,3-Dichlorobenzene	7.83	146	367866	39.54	ng	# 90
13) 1,4-Dichlorobenzene	7.99	146	379640	39.73	ng	96
14) 1,2-Dichlorobenzene	8.30	146	364634	39.75	ng	97
15) Benzyl Alcohol	8.22	79	312077	47.64	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.48	45	226078	33.81	ng	73
17) 2-Methylphenol	8.41	107	260310	40.10	ng	# 84
18) Hexachloroethane	9.02	117	128129	41.36	ng	# 73
19) n-Nitroso-di-n-propylamine	8.76	70	263118	43.06	ng	92
20) 3+4-Methylphenols	8.75	107	354476	40.43	ng	87
22) Acetophenone	8.79	105	476070	44.00	ng	# 97
24) Nitrobenzene	9.19	77	396301	49.17	ng	94
25) Isophorone	9.69	82	628766	46.51	ng	# 94
26) 2-Nitrophenol	9.89	139	152551	44.90	ng	# 58
27) 2,4-Dimethylphenol	9.94	122	277960	45.31	ng	# 77
28) bis(2-Chloroethoxy)methane	10.17	93	356052	41.50	ng	100
29) 2,4-Dichlorophenol	10.41	162	344469	48.77	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	409380	44.80	ng	98
31) Naphthalene	10.81	128	912970	40.43	ng	99
32) Benzoic acid	10.07	122	186818	44.69	ng	# 82
33) 4-Chloroaniline	10.95	127	129913	14.93	ng	# 85
34) Hexachlorobutadiene	11.06	225	282903	46.41	ng	97
35) Caprolactam	11.76	113	88578	43.71	ng	# 79
36) 4-Chloro-3-methylphenol	12.06	107	344909	45.09	ng	# 83
37) 2-Methylnaphthalene	12.41	142	727432	44.74	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	482614	45.05	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	694640	112.30	ng	98

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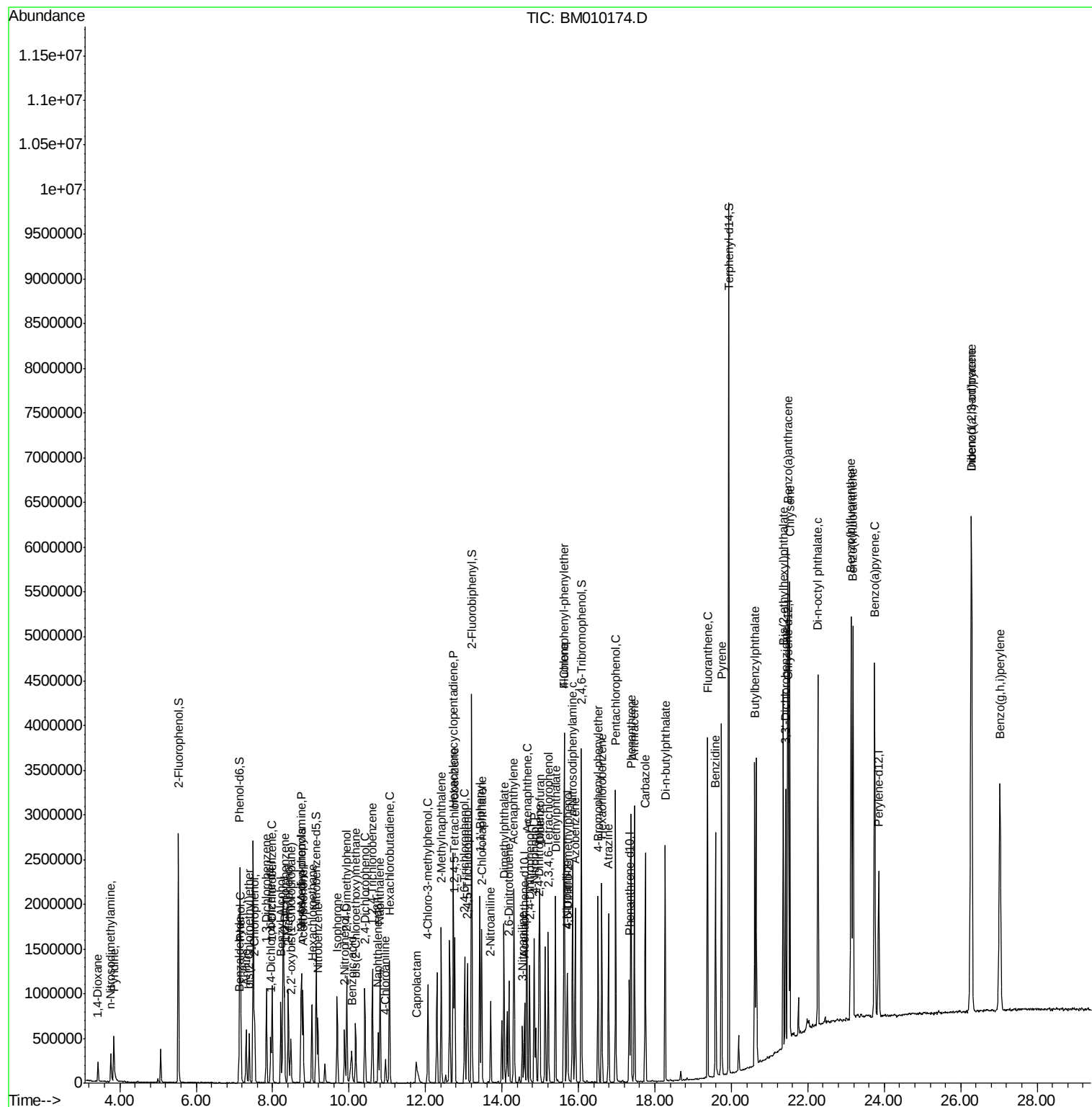
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42) 2,4,6-Trichlorophenol	13.02	196	313742	49.72	nq	98
43) 2,4,5-Trichlorophenol	13.10	196	329803	47.30	nq	# 95
45) 1,1'-Biphenyl	13.42	154	1003377	43.80	nq	100
46) 2-Chloronaphthalene	13.47	162	795771	42.90	nq	96
47) 2-Nitroaniline	13.70	65	226041	47.39	nq	# 79
48) Acenaphthylene	14.32	152	1213369	44.24	nq	99
49) Dimethylphthalate	14.05	163	1035983	41.69	nq	# 98
50) 2,6-Dinitrotoluene	14.19	165	220656	46.76	nq	88
51) Acenaphthene	14.65	154	745836	43.74	nq	98
52) 3-Nitroaniline	14.53	138	127566	29.09	nq	# 63
53) 2,4-Dinitrophenol	14.72	184	280238	88.64	nq	# 87
54) Dibenzofuran	14.99	168	1274104	47.52	nq	96
55) 4-Nitrophenol	14.84	139	327746	92.86	nq	# 27
56) 2,4-Dinitrotoluene	14.96	165	310041	46.44	nq	# 88
57) Fluorene	15.63	166	1048201	44.96	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	325620	54.83	nq	# 100
59) Diethylphthalate	15.40	149	988182	42.06	nq	97
60) 4-Chlorophenyl-phenylether	15.62	204	587028	44.84	nq	99
61) 4-Nitroaniline	15.70	138	183851	41.29	nq	# 24
62) Azobenzene	15.92	77	989895	57.30	nq	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	191065	46.08	nq	82
65) n-Nitrosodiphenylamine	15.84	169	909244	44.70	nq	99
66) 4-Bromophenyl-phenylether	16.52	248	397248	45.72	nq	95
67) Hexachlorobenzene	16.61	284	444371	42.10	nq	96
68) Atrazine	16.79	200	381429	49.46	nq	97
69) Pentachlorophenol	16.97	266	563601	97.20	nq	97
70) Phenanthrene	17.37	178	1726551	45.47	nq	99
71) Anthracene	17.46	178	1766552	46.88	nq	99
72) Carbazole	17.75	167	1546821	46.36	nq	99
73) Di-n-butylphthalate	18.27	149	1661479	42.00	nq	# 97
74) Fluoranthene	19.38	202	2261256	45.86	nq	97
76) Benzidine	19.58	184	1522697	75.85	nq	98
77) Pyrene	19.74	202	2361952	40.48	nq	99
79) Butylbenzylphthalate	20.62	149	847477	39.23	nq	# 86
80) Benzo(a)anthracene	21.47	228	2741031	45.70	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	783529	32.47	nq	# 98
82) Chrysene	21.53	228	2463673	43.30	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1263103	39.10	nq	# 98
84) Di-n-octyl phthalate	22.27	149	2362335	40.85	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4343480	52.06	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	3364307	46.77	nq	# 93
88) Benzo(k)fluoranthene	23.18	252	3119209	44.26	nq	# 95
89) Benzo(a)pyrene	23.75	252	3206212	46.77	nq	# 96
90) Dibenzo(a,h)anthracene	26.28	278	3685206	48.08	nq	# 92
91) Benzo(g,h,i)perylene	27.03	276	3557108	47.36	nq	# 87

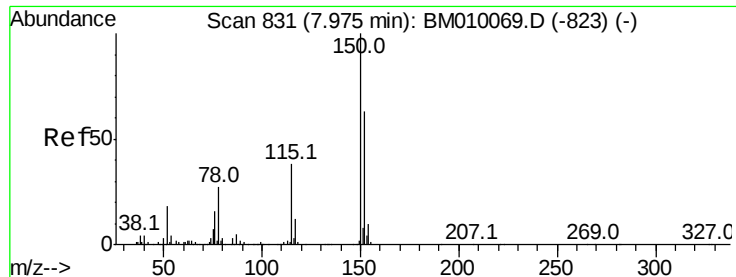
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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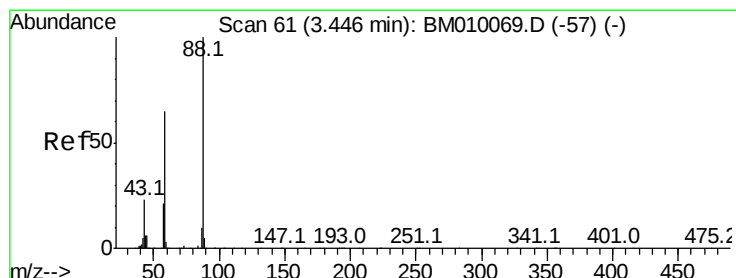
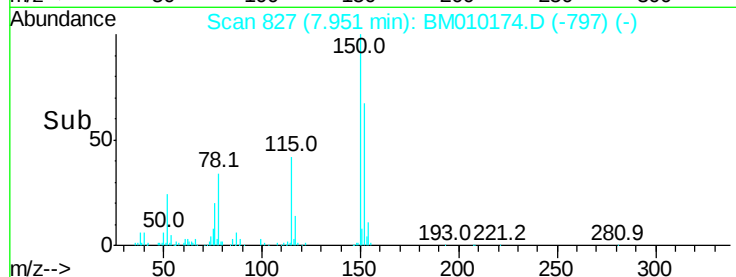
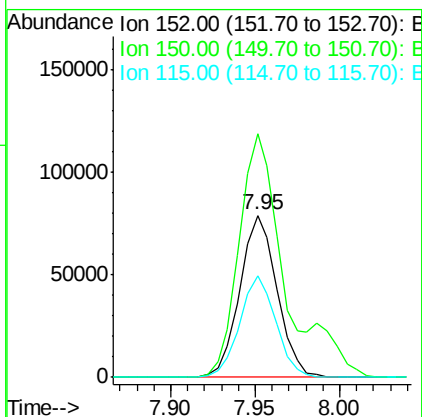
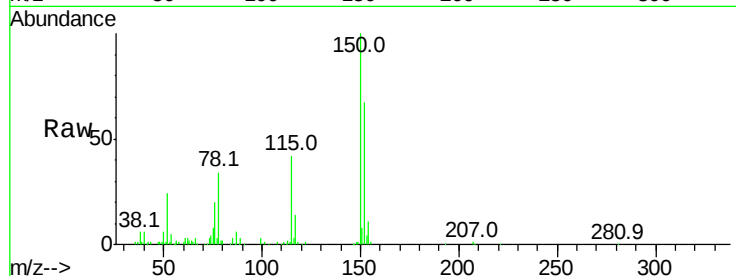


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Instrument :
BNA_M
ClientSampleId :
PB99196BS

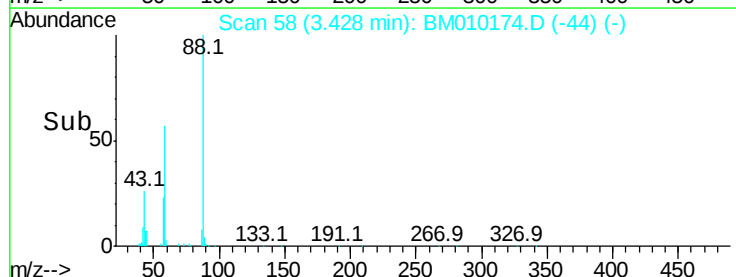
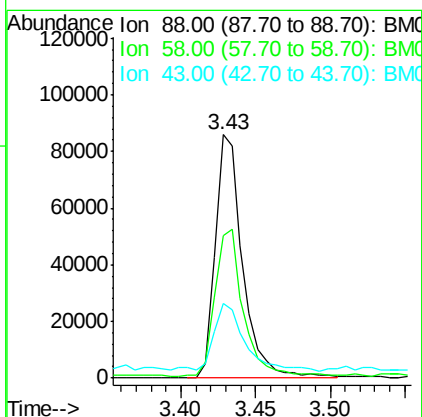
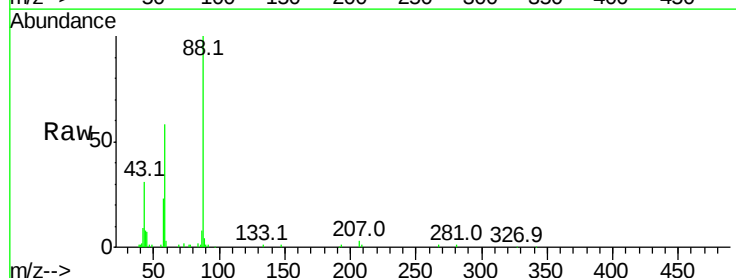
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.3	119.5	179.3
115	62.8	43.0	64.4

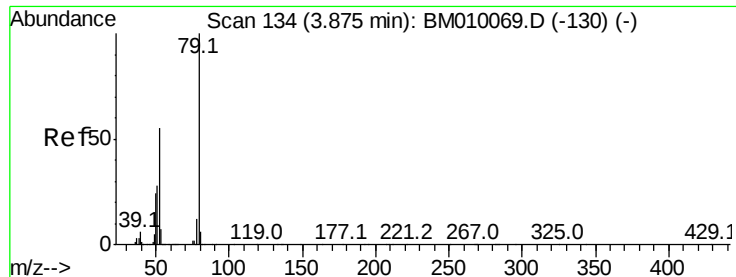


#2

1,4-Dioxane
Concen: 35.80 ng
RT: 3.43 min Scan# 58
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.9	0.0	0.0#
43	31.2	0.0	0.0#





#3

Pvridine

Concen: 36.67 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

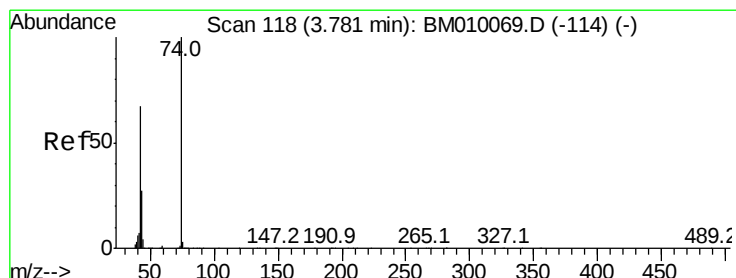
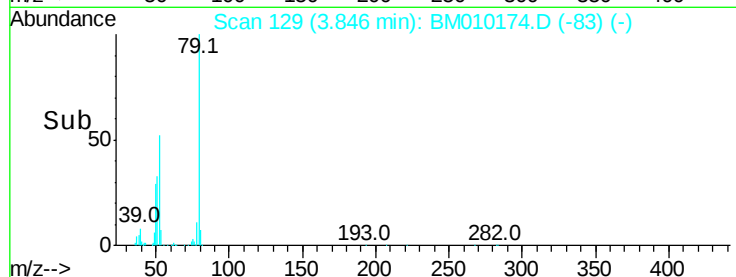
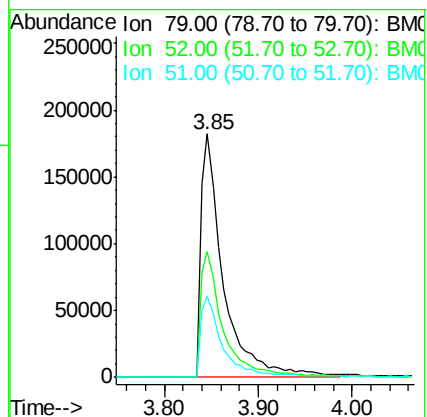
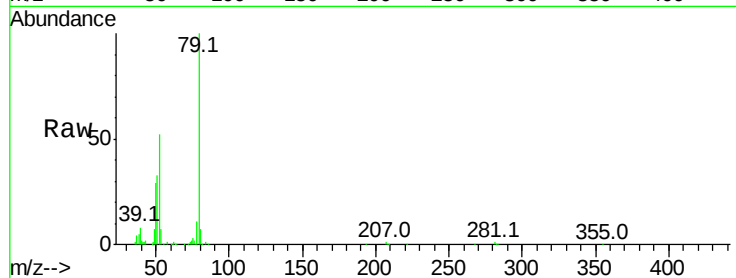
Tot Ion: 79 Resp: 303473

Ion Ratio Lower Upper

79 100

52 51.5 51.1 76.7

51 33.3 26.1 39.1



#4

n-Nitrosodimethylamine

Concen: 52.96 ng

RT: 3.76 min Scan# 115

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

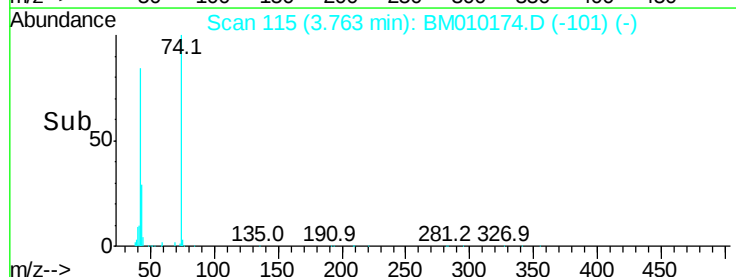
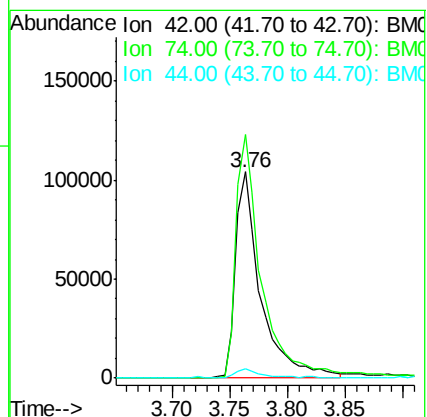
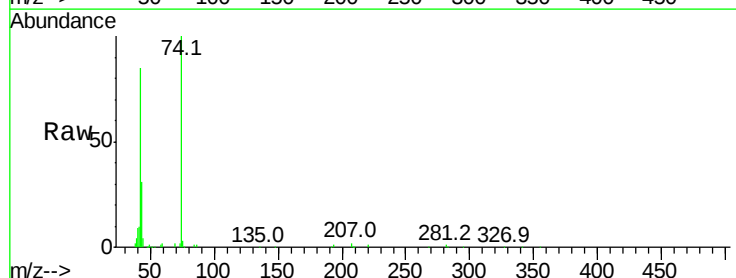
Tgt Ion: 42 Resp: 158542

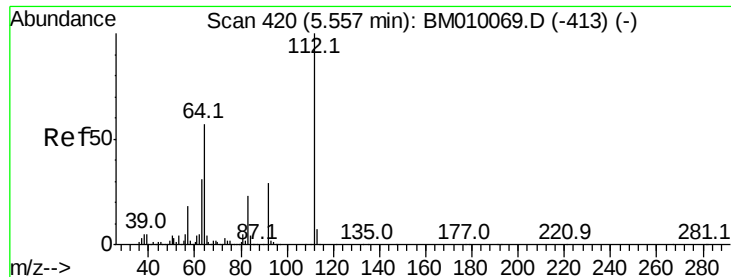
Ion Ratio Lower Upper

42 100

74 117.9 119.3 178.9#

44 4.2 5.4 8.2#





#5

2-Fluorophenol

Concen: 143.33 ng

RT: 5.53 min Scan# 416

Delta R.T. -0.02 min

Lab File: BM010174.D

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Instrument :

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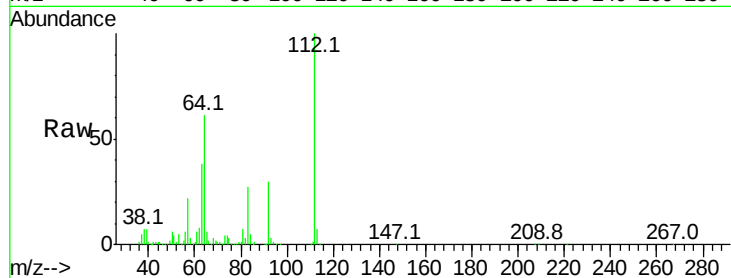
Tot Ion:112 Resp: 964398

Ion Ratio Lower Upper

112 100

64 61.3 38.6 57.8#

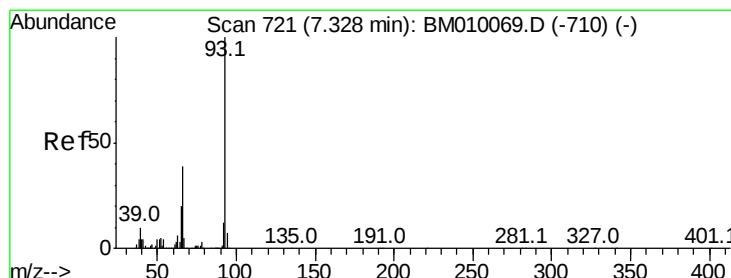
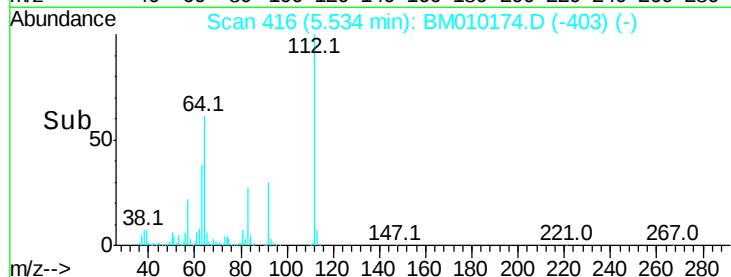
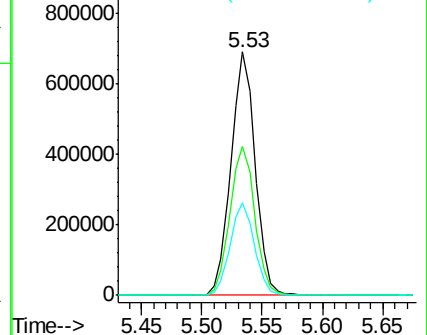
63 38.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 32.36 ng

RT: 7.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

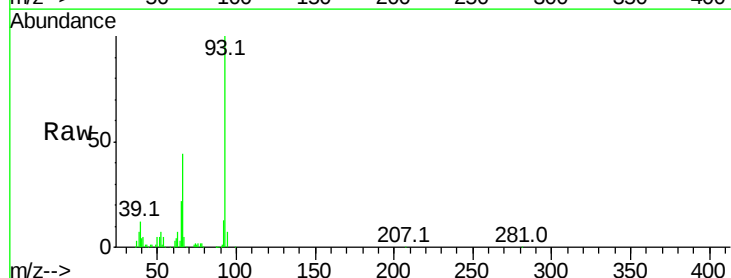
Tgt Ion: 93 Resp: 347146

Ion Ratio Lower Upper

93 100

66 44.2 30.8 46.2

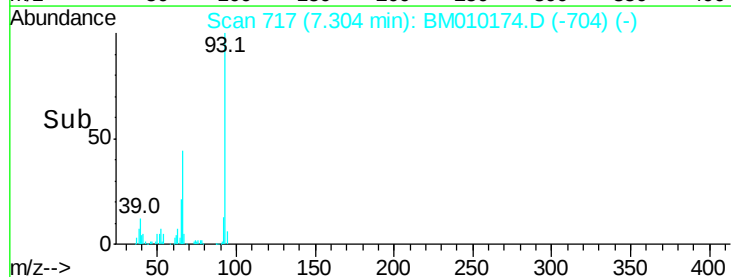
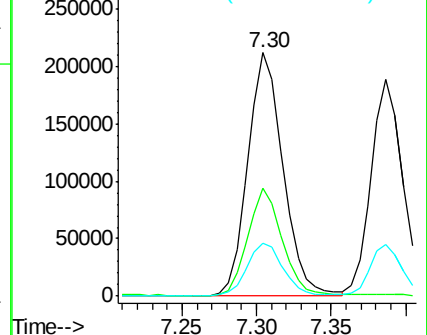
65 21.8 16.0 24.0

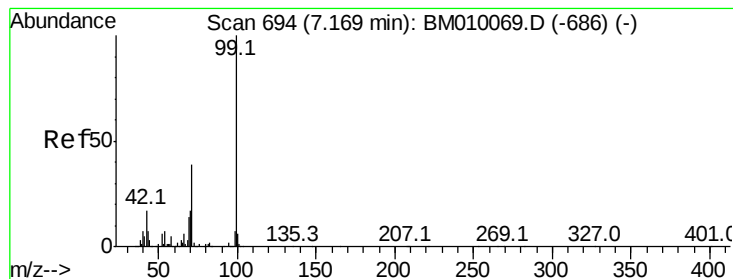


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 138.52 ng

RT: 7.15 min Scan# 690

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

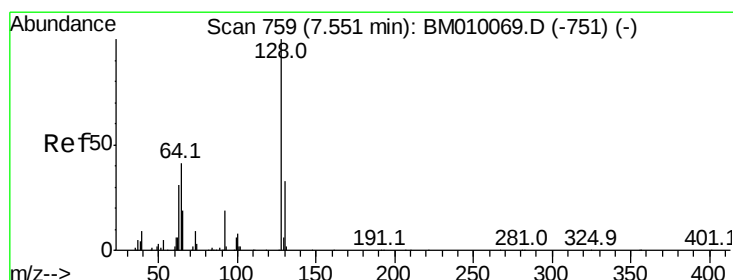
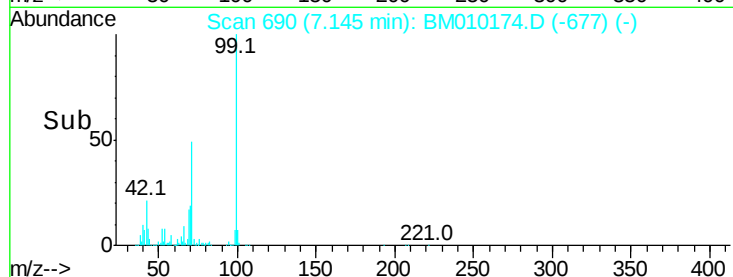
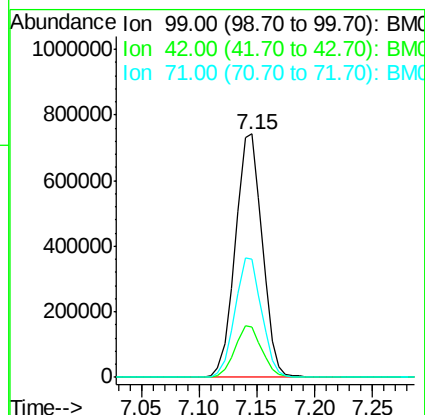
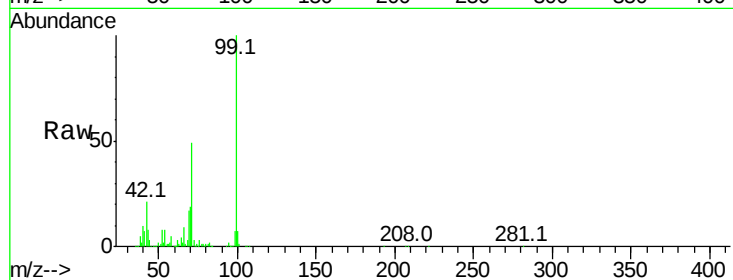
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Tot Ion: 99 Resp: 1199318

Ion	Ratio	Lower	Upper
99	100		
42	20.6	11.0	16.4#
71	48.7	23.4	35.2#



#8

2-Chlorophenol

Concen: 43.08 ng

RT: 7.53 min Scan# 755

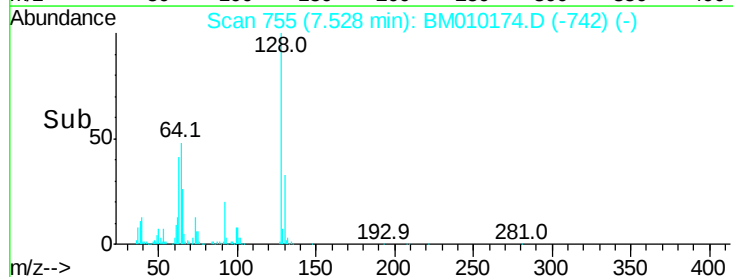
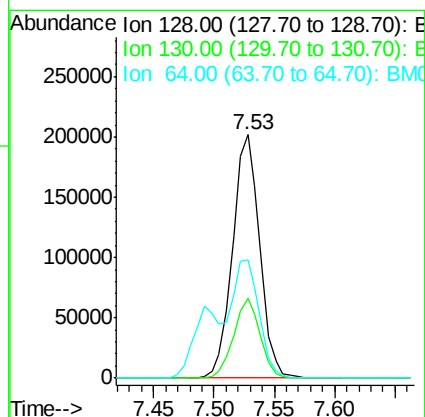
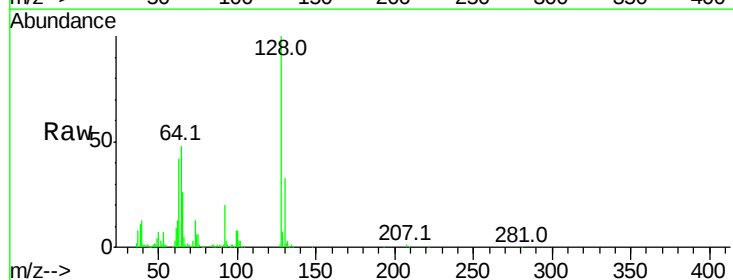
Delta R.T. -0.02 min

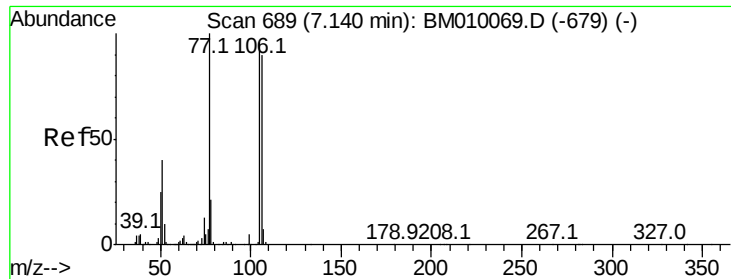
Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion: 128 Resp: 315381

Ion	Ratio	Lower	Upper
128	100		
130	32.9	12.0	52.0
64	48.3	24.9	64.9





#9

Benzaldehyde

Concen: 16.81 ng

RT: 7.12 min Scan# 685

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

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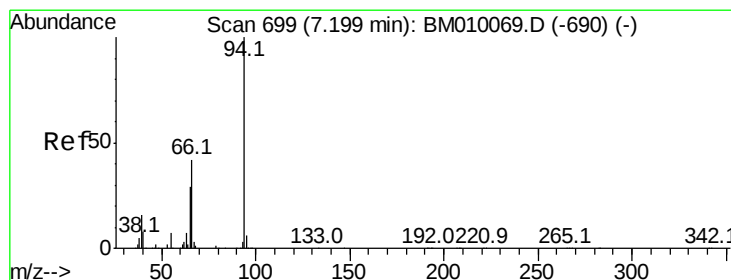
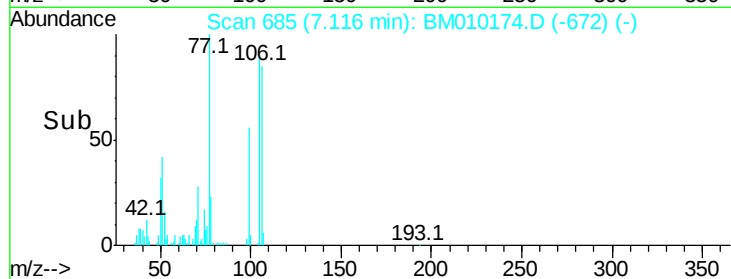
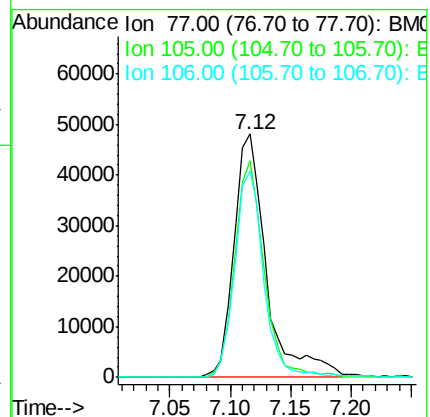
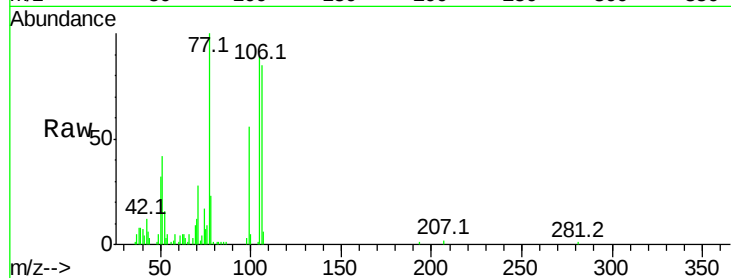
Tot Ion: 77 Resp: 90614

Ion Ratio Lower Upper

77 100

105 89.0 78.8 118.8

106 84.6 73.7 113.7



#10

Phenol

Concen: 44.76 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

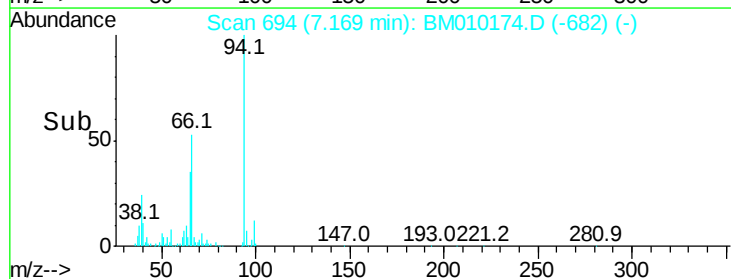
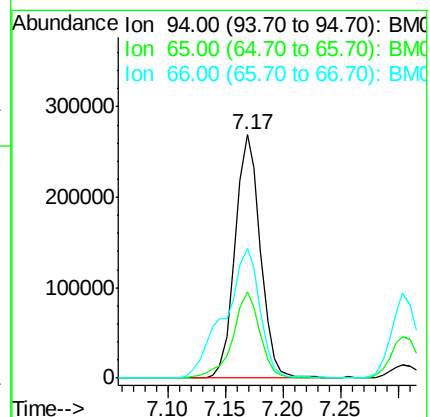
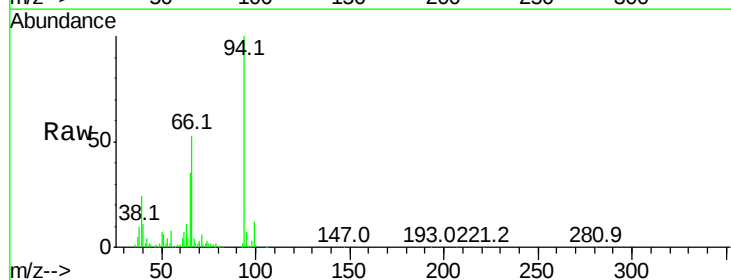
Tgt Ion: 94 Resp: 408352

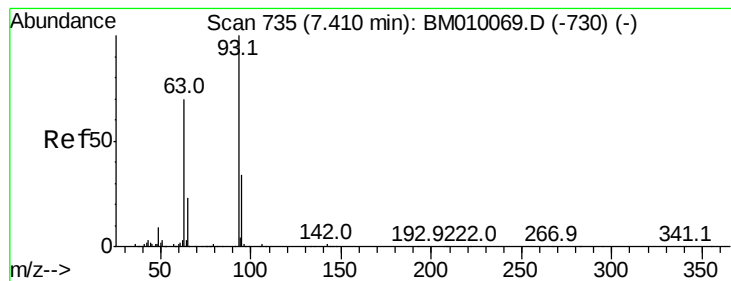
Ion Ratio Lower Upper

94 100

65 35.3 18.8 58.8

66 53.0 39.9 79.9





#11

bis(2-Chloroethyl)ether

Concen: 40.05 ng

RT: 7.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

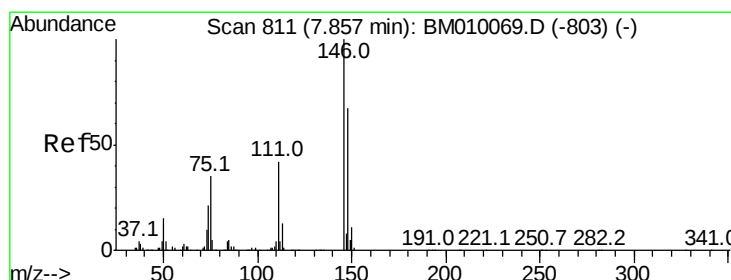
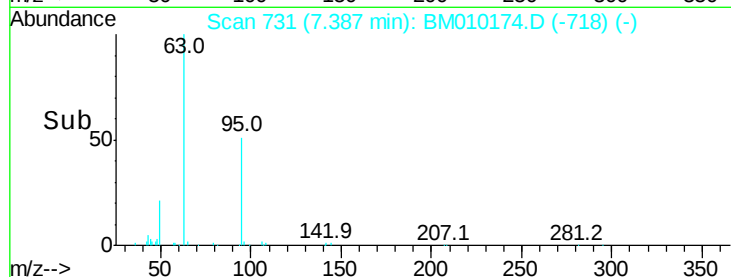
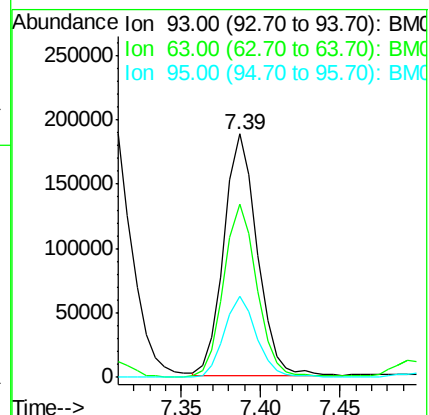
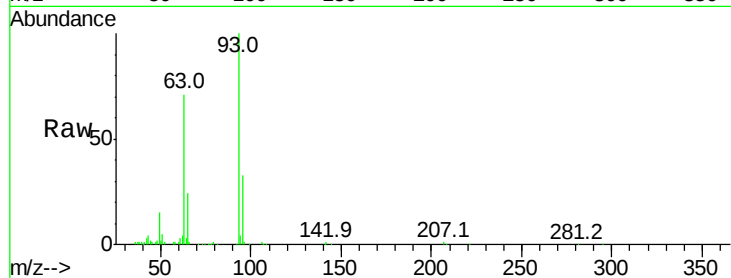
Tot Ion: 93 Resp: 272372

Ion Ratio Lower Upper

93 100

63 71.2 49.5 89.5

95 33.5 13.5 53.5



#12

1,3-Dichlorobenzene

Concen: 39.54 ng

RT: 7.83 min Scan# 807

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

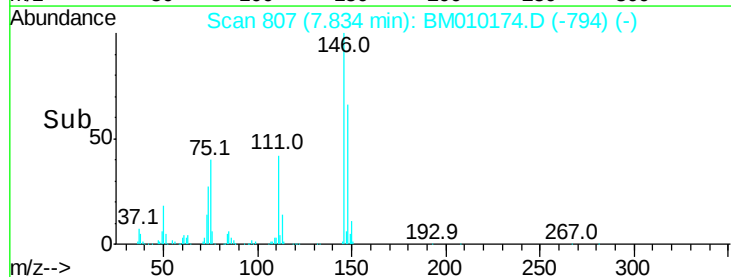
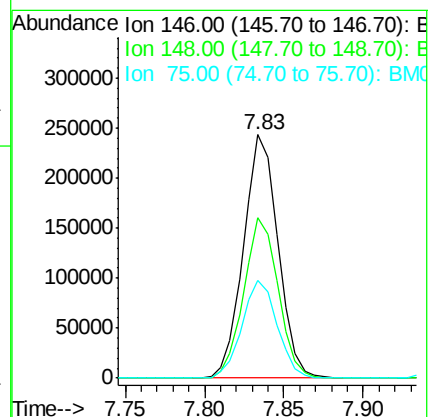
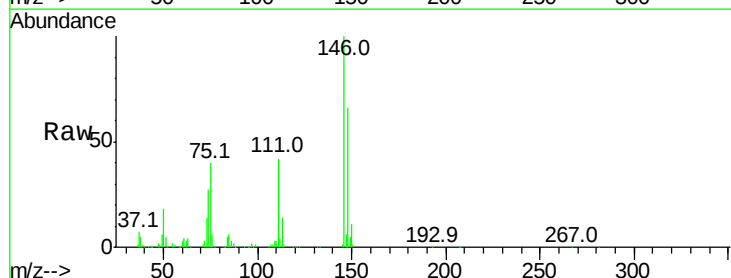
Tgt Ion: 146 Resp: 367866

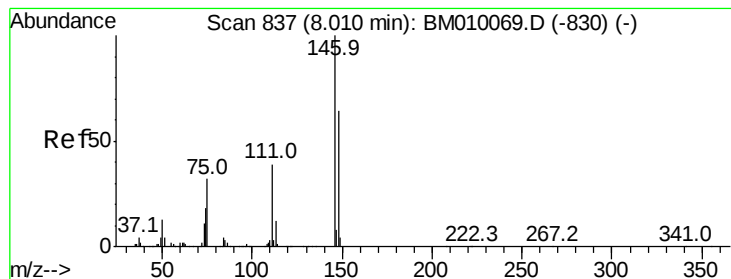
Ion Ratio Lower Upper

146 100

148 65.9 50.9 76.3

75 40.0 21.4 32.2





#13

1,4-Dichlorobenzene

Concen: 39.73 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

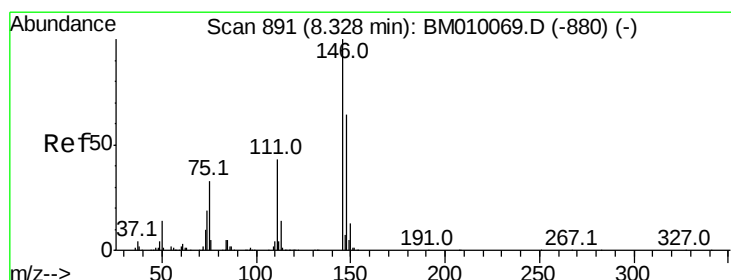
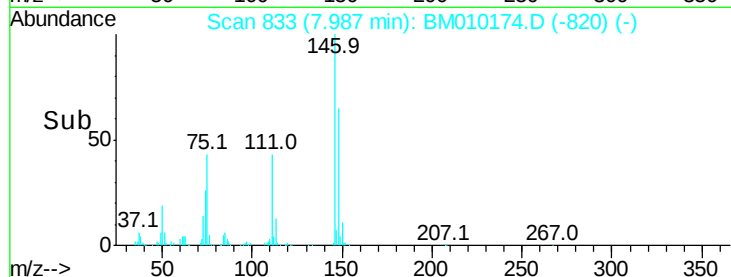
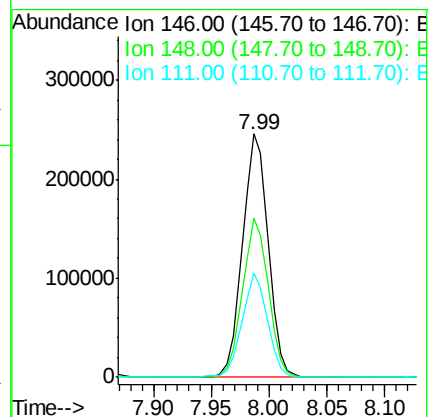
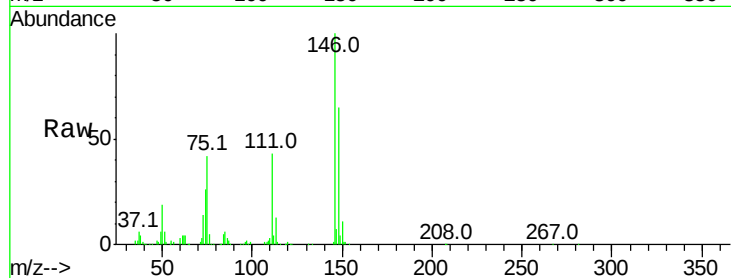
Tot Ion:146 Resp: 379640

Ion Ratio Lower Upper

146 100

148 65.5 51.9 77.9

111 42.6 29.2 43.8



#14

1,2-Dichlorobenzene

Concen: 39.75 ng

RT: 8.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

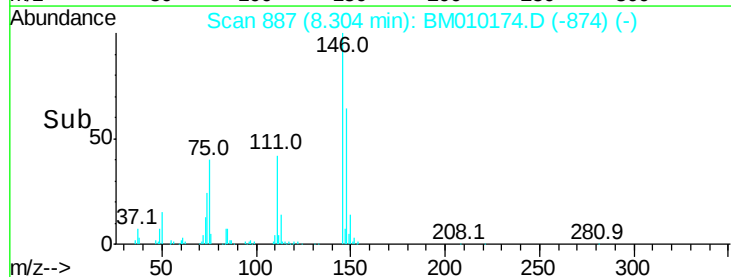
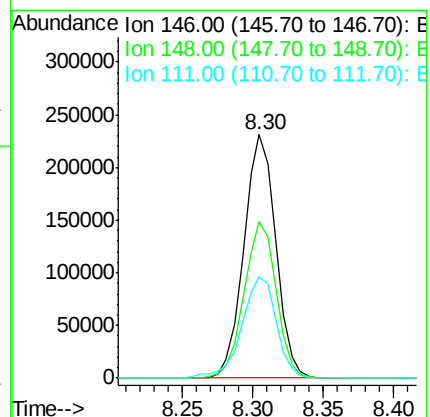
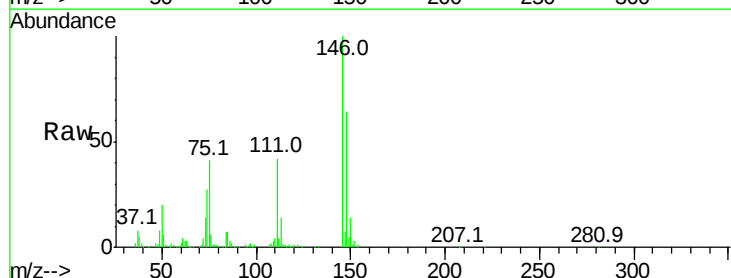
Tgt Ion:146 Resp: 364634

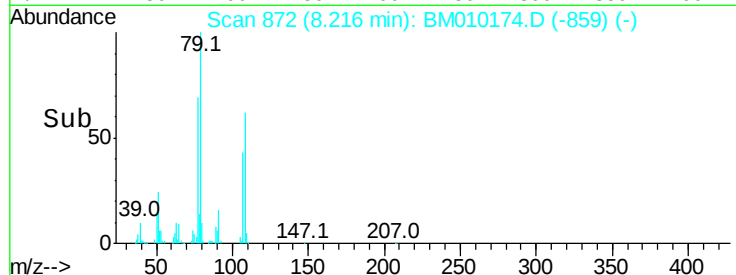
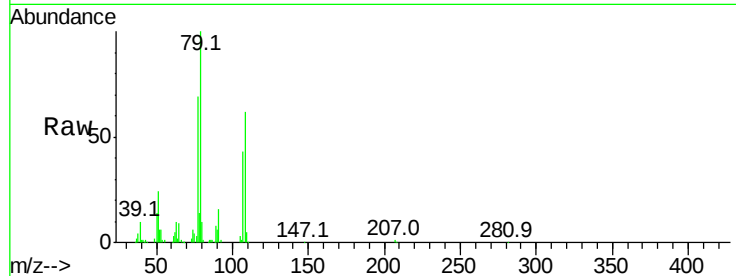
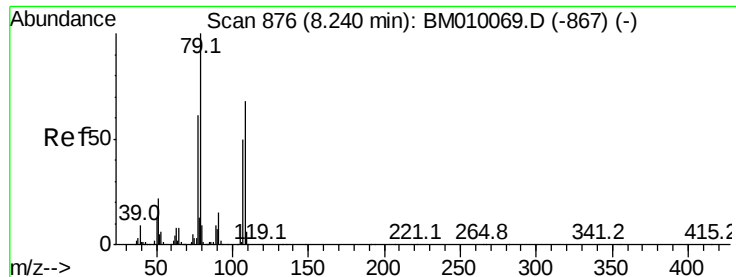
Ion Ratio Lower Upper

146 100

148 64.4 52.3 78.5

111 41.7 30.6 45.8





#15

Benzyl Alcohol

Concen: 47.64 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampled :

PB99196BS

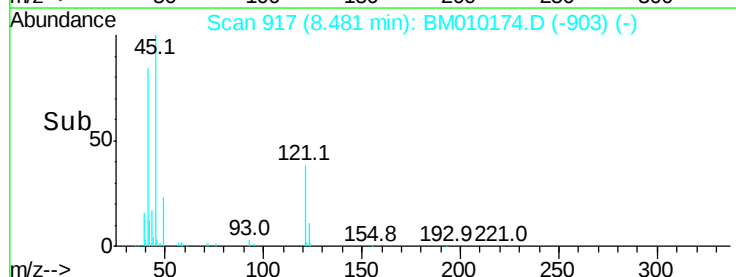
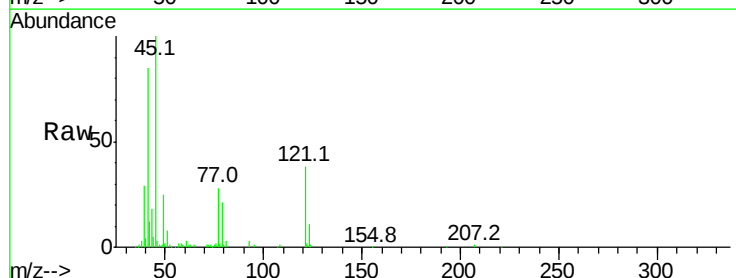
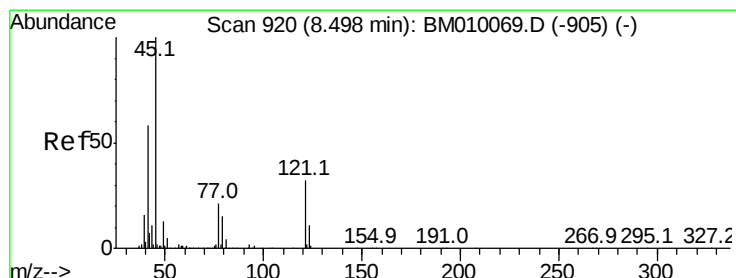
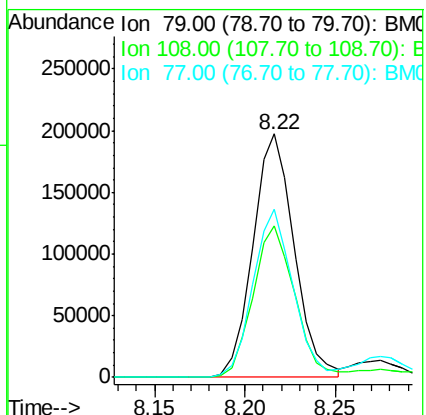
Tot Ion: 79 Resp: 312077

Ion Ratio Lower Upper

79 100

108 62.0 65.0 97.4#

77 68.8 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.81 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

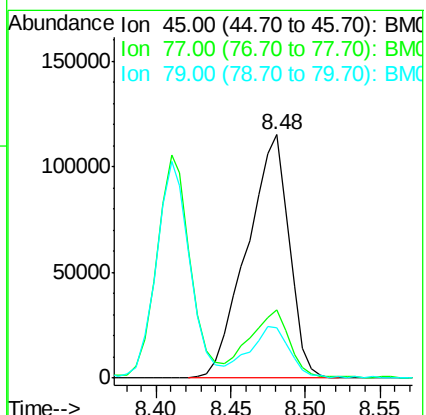
Tgt Ion: 45 Resp: 226078

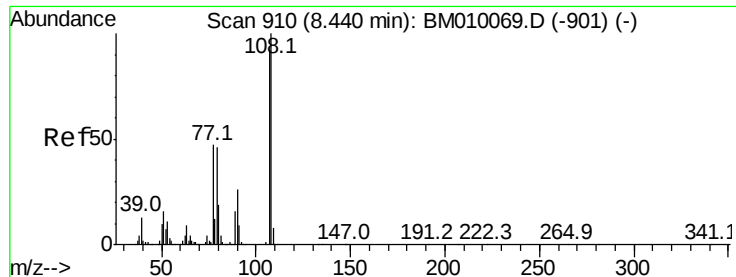
Ion Ratio Lower Upper

45 100

77 28.2 0.0 35.2

79 20.9 0.0 32.0

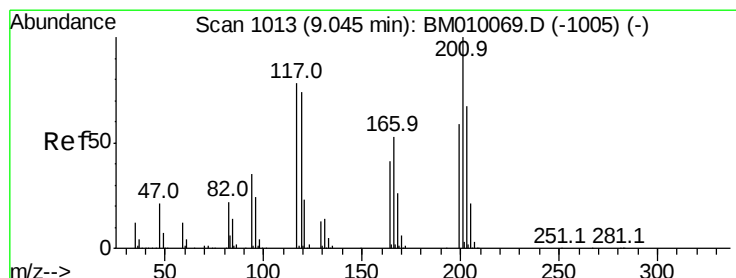
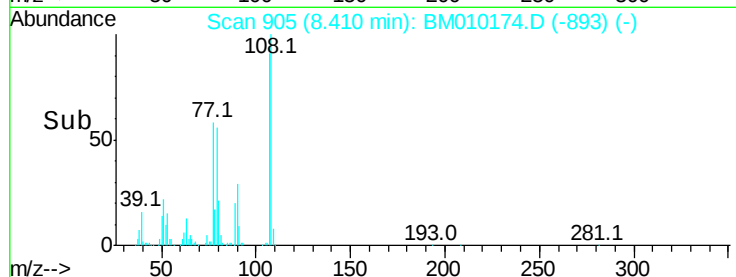
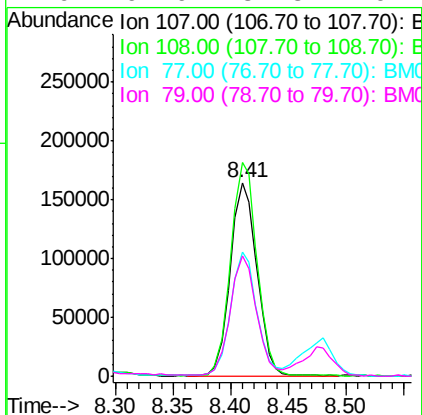
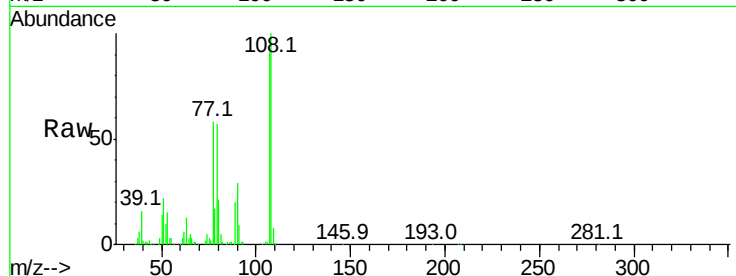




#17
2-Methylphenol
Concen: 40.10 ng
RT: 8.41 min Scan# 905
Delta R.T. -0.03 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

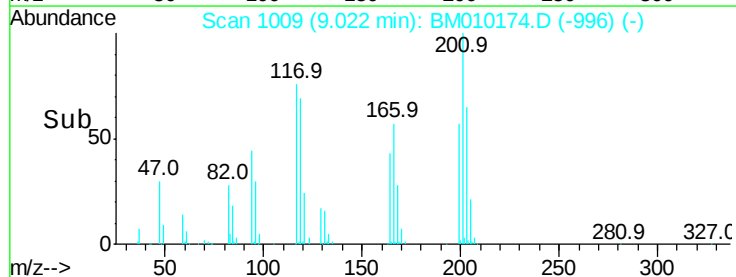
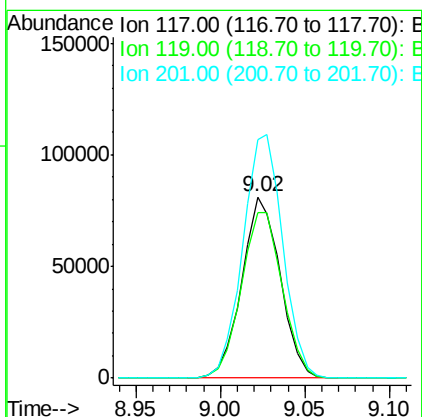
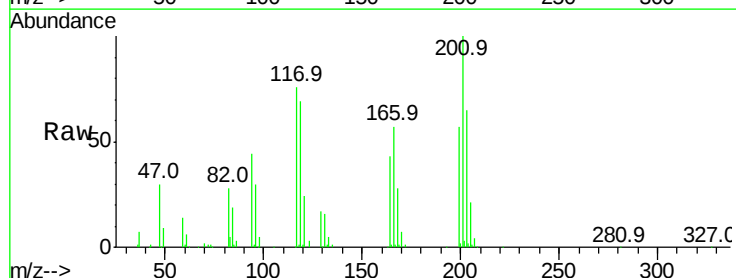
Instrument :
BNA_M
ClientSampleId :
PB99196BS

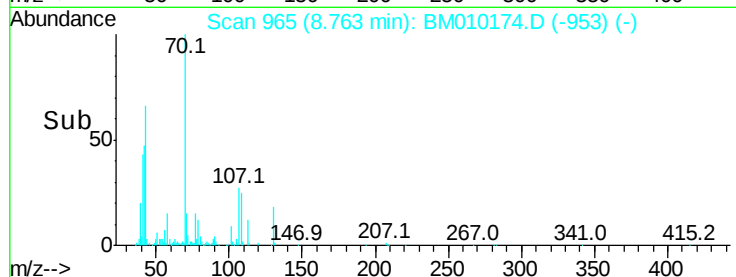
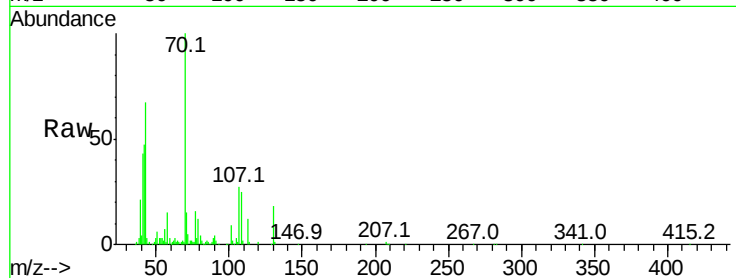
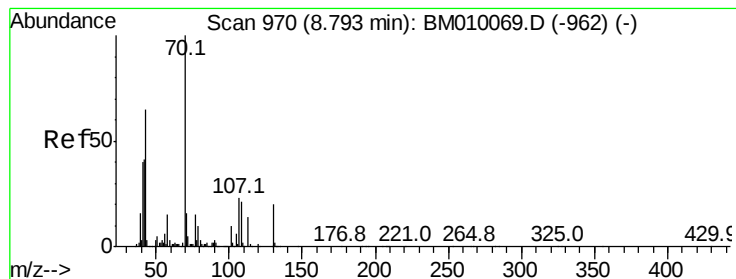
Tot Ion:	107	Resp:	260310
Ion	Ratio	Lower	Upper
107	100		
108	110.5	89.8	134.8
77	64.3	32.6	48.8#
79	62.6	32.8	49.2#



#18
Hexachloroethane
Concen: 41.36 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion:	117	Resp:	128129
Ion	Ratio	Lower	Upper
117	100		
119	90.9	79.2	118.8
201	131.7	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 43.06 ng

RT: 8.76 min Scan# 965

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

Tot Ion: 70 Resp: 263118

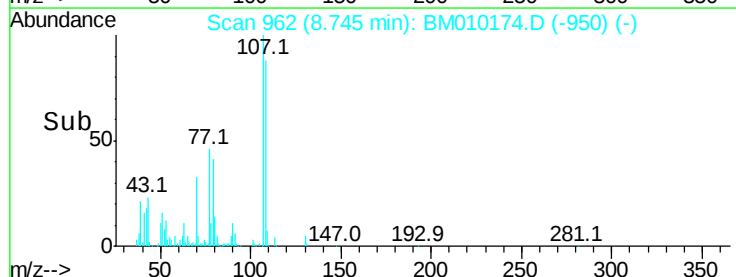
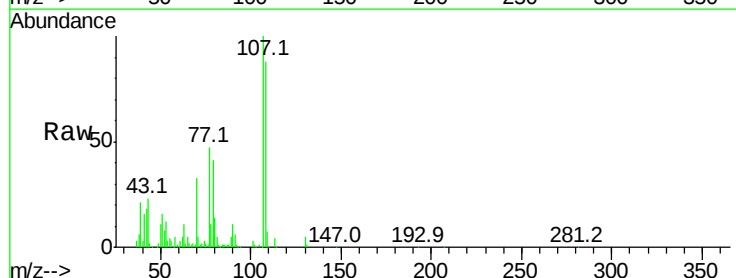
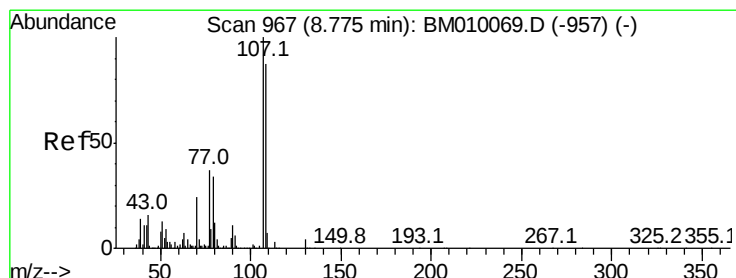
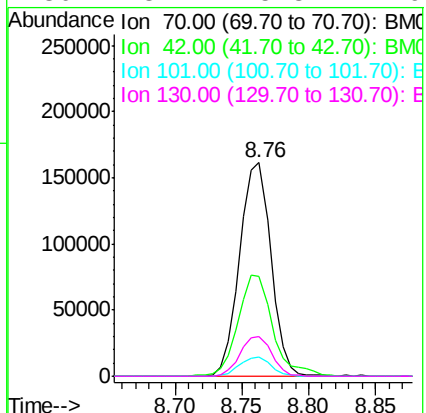
Ion Ratio Lower Upper

70 100

42 46.7 44.5 66.7

101 9.2 7.4 11.2

130 18.4 15.3 22.9



#20

3+4-Methylphenols

Concen: 40.43 ng

RT: 8.75 min Scan# 962

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion: 107 Resp: 354476

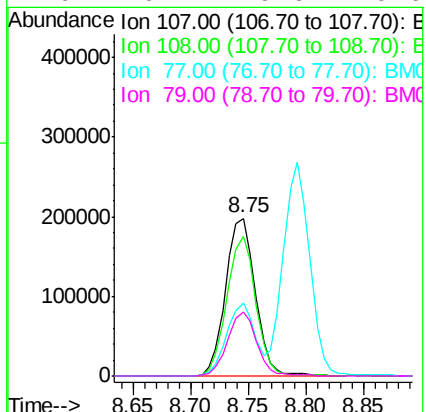
Ion Ratio Lower Upper

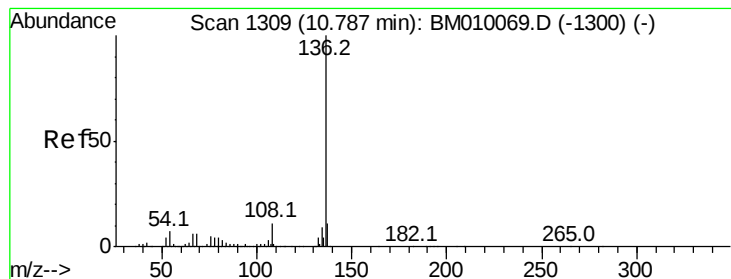
107 100

108 88.2 73.2 113.2

77 46.7 10.7 50.7

79 40.7 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.76 min Scan# 1305

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

Tot Ion:136 Resp: 422101

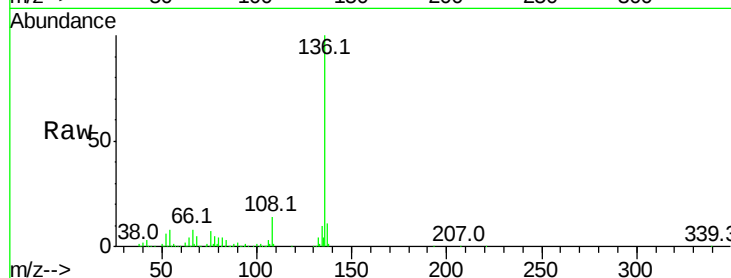
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.9 4.6 6.8#

68 4.6 3.7 5.5

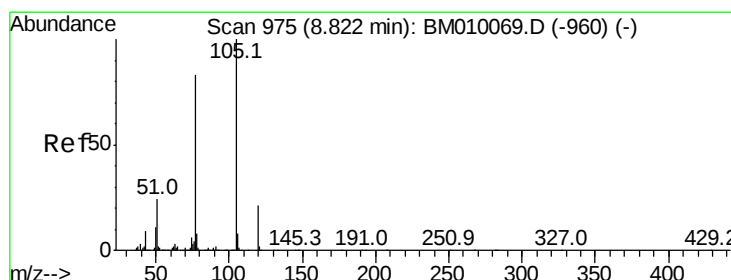
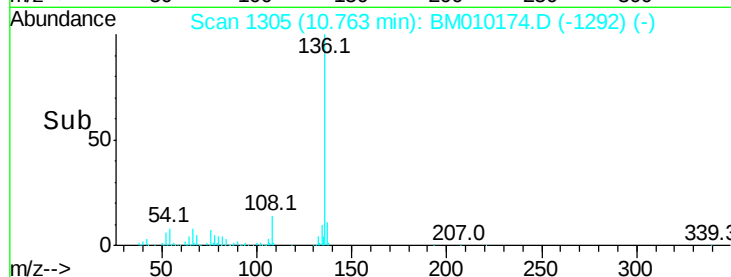
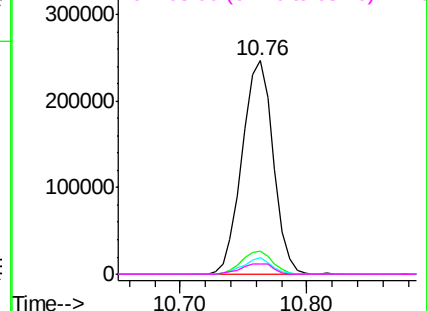


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 44.00 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:105 Resp: 476070

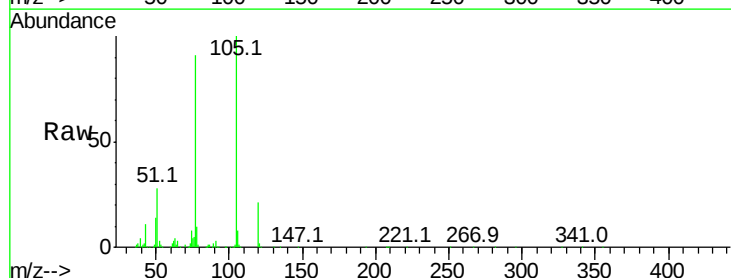
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 28.5 21.6 32.4

120 21.3 16.1 24.1

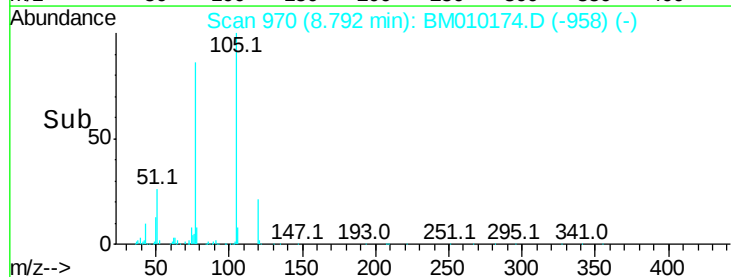
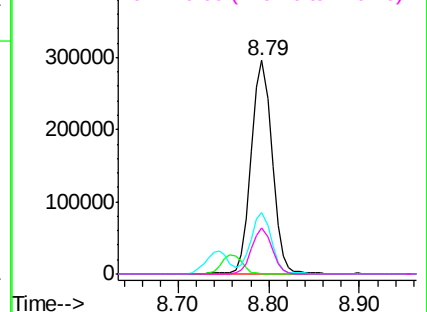


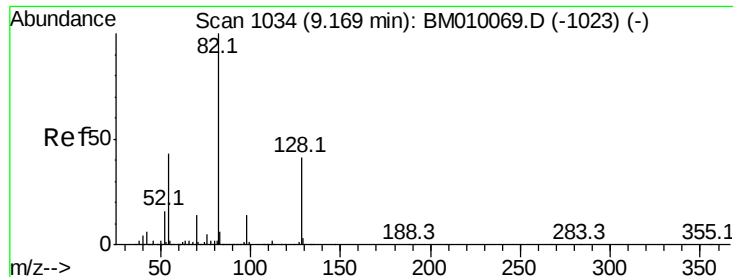
Abundance Ion 105.00 (104.70 to 105.70): E

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

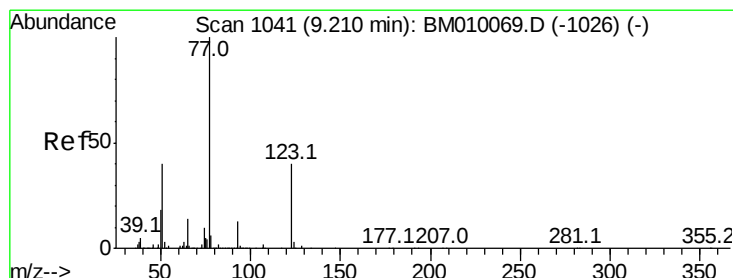
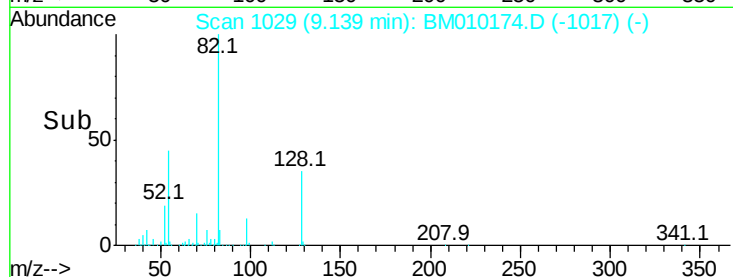
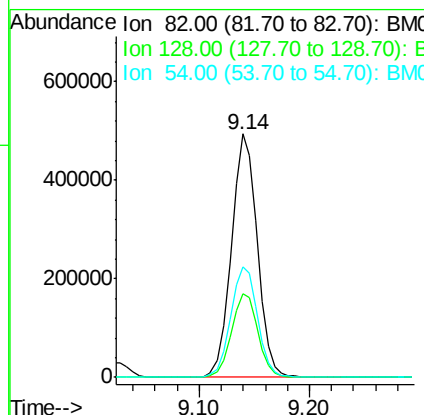
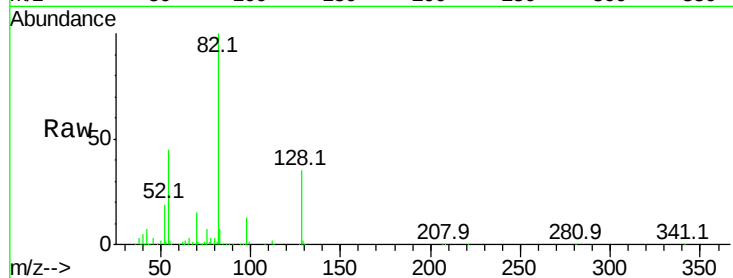




#23
 Nitrobenzene-d5
 Concen: 103.65 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.03 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

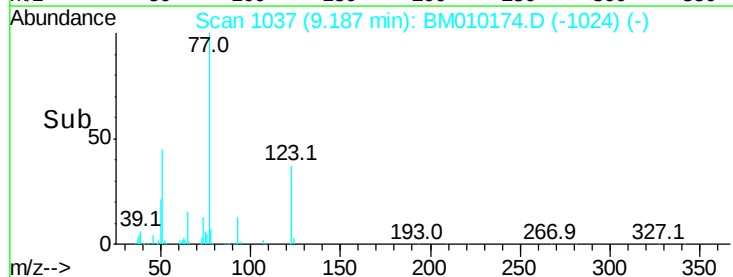
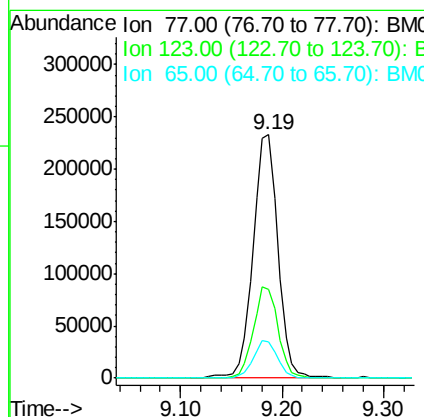
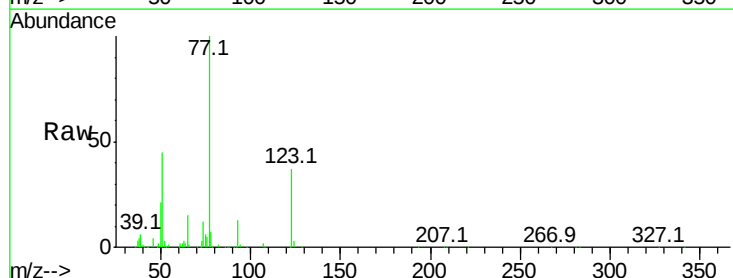
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

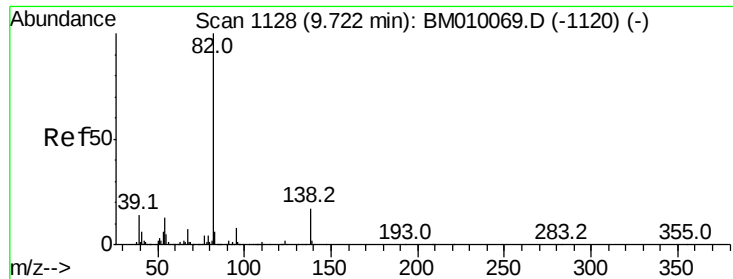
Tot Ion	82	Resp	810896
Ion Ratio	Lower	Upper	
82	100		
128	34.5	32.8	49.2
54	45.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 49.17 ng
 RT: 9.19 min Scan# 1037
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion	77	Resp	396301
Ion Ratio	Lower	Upper	
77	100		
123	36.5	32.6	49.0
65	14.8	10.9	16.3





#25

Isophorone

Concen: 46.51 ng

RT: 9.69 min Scan# 1122

Delta R.T. -0.04 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

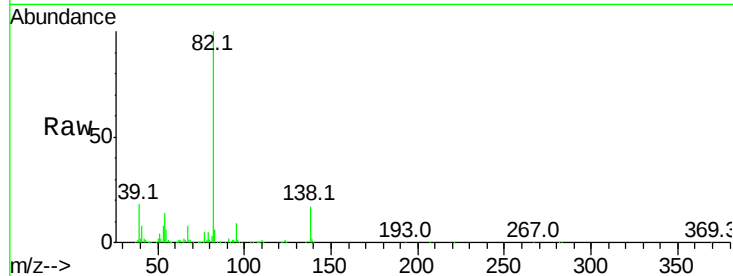
Tot Ion: 82 Resp: 628766

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

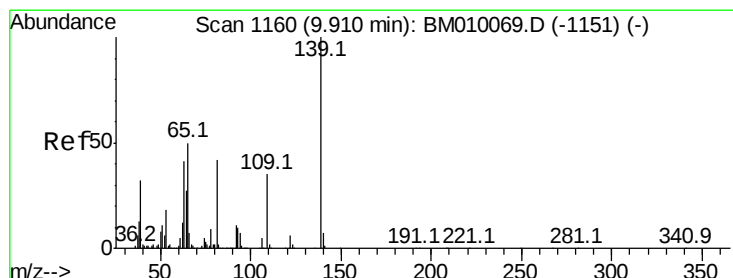
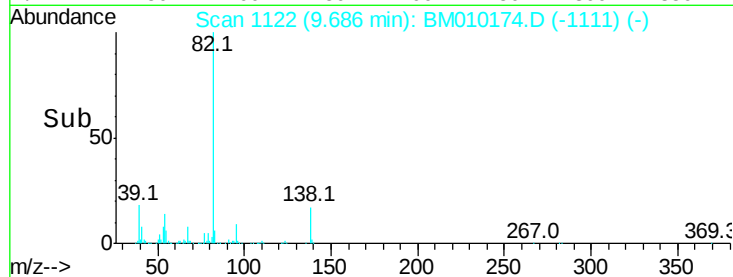
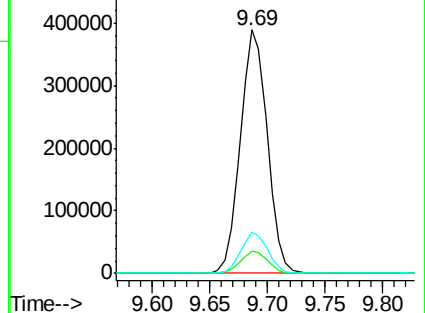
138 17.2 16.3 24.5



Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

Ion 95.00 (94.70 to 95.70): BM010069.D (-1120) (-)

Ion 138.00 (137.70 to 138.70): BM010069.D (-1120) (-)



#26

2-Nitrophenol

Concen: 44.90 ng

RT: 9.89 min Scan# 1156

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

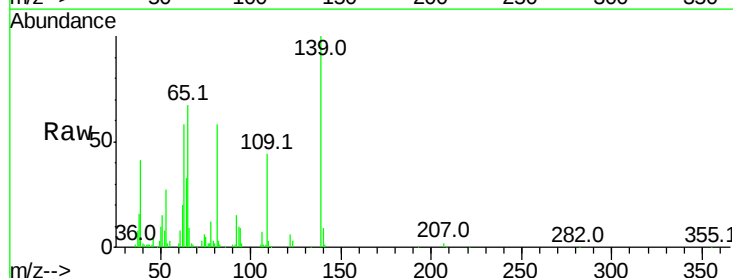
Tgt Ion: 139 Resp: 152551

Ion Ratio Lower Upper

139 100

109 43.6 20.1 30.1#

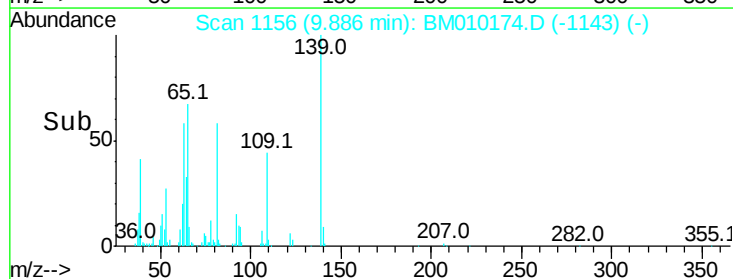
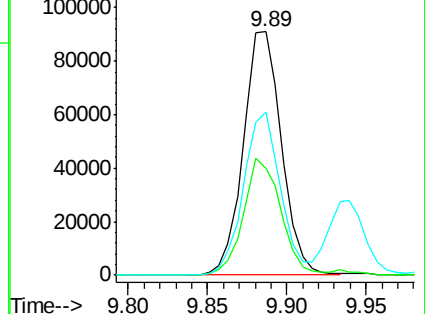
65 66.7 31.5 47.3#

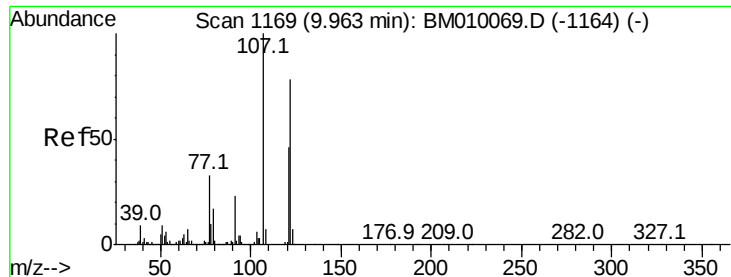


Abundance Ion 139.00 (138.70 to 139.70): BM010069.D (-1151) (-)

Ion 109.00 (108.70 to 109.70): BM010069.D (-1151) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-1151) (-)

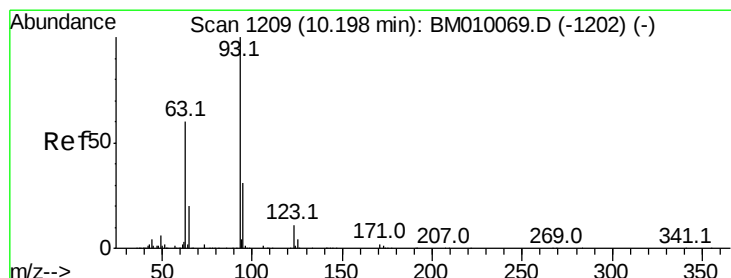
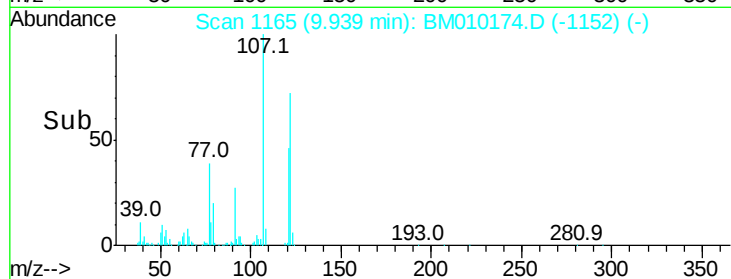
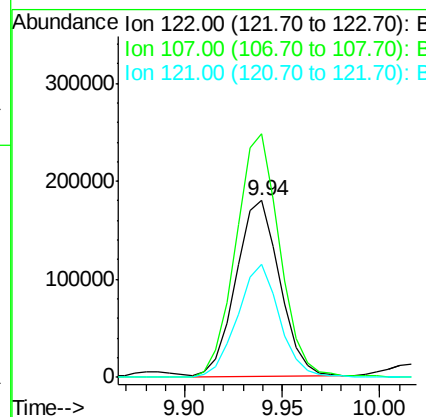
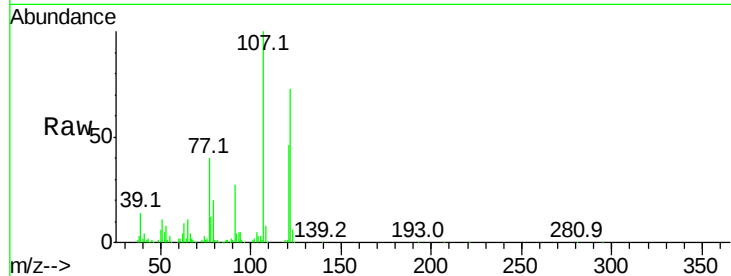




#27
2,4-Dimethylphenol
Concen: 45.31 ng
RT: 9.94 min Scan# 1165
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

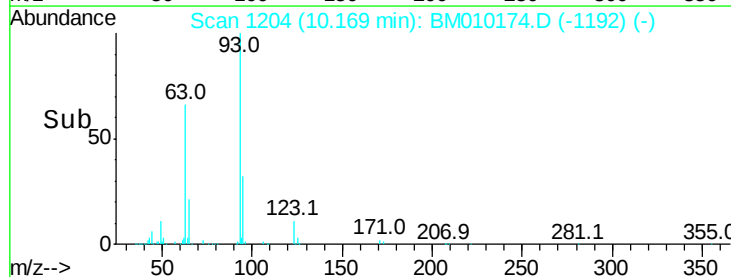
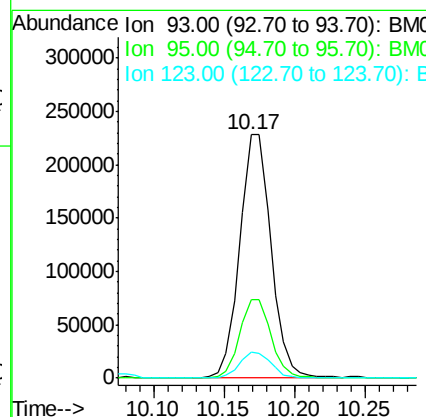
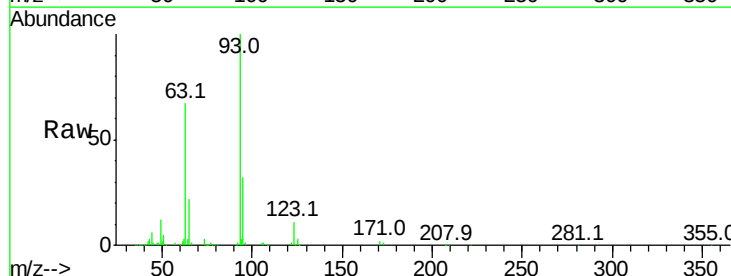
Instrument :
BNA_M
ClientSampleId :
PB99196BS

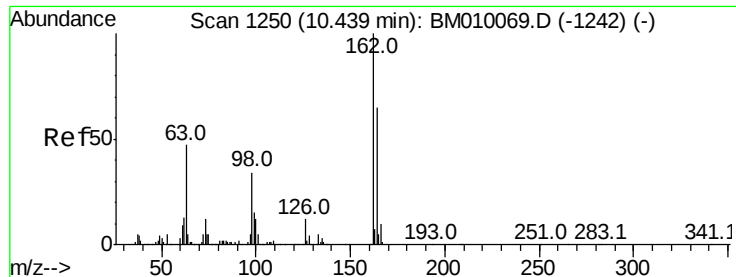
Tot Ion:122 Resp: 277960
Ion Ratio Lower Upper
122 100
107 137.8 84.7 127.1#
121 63.7 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 41.50 ng
RT: 10.17 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion: 93 Resp: 356052
Ion Ratio Lower Upper
93 100
95 32.0 25.5 38.3
123 10.8 8.6 13.0

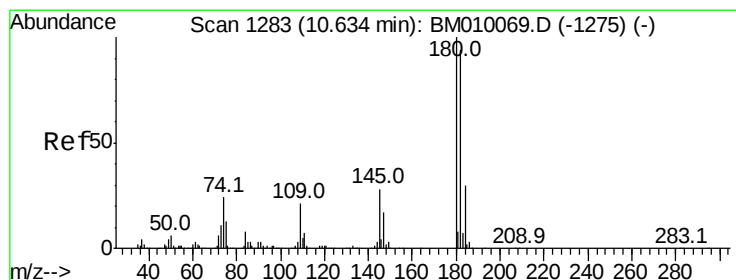
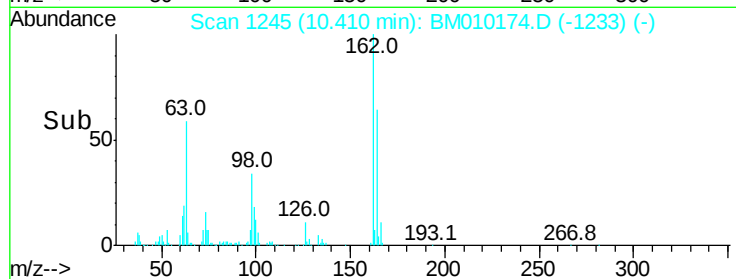
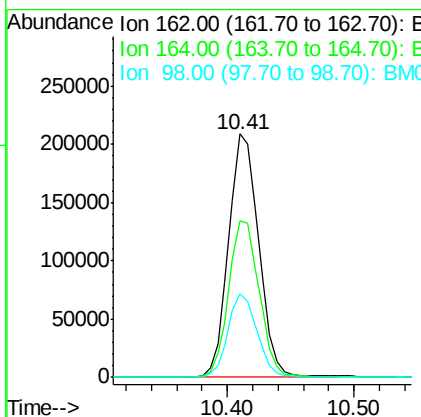
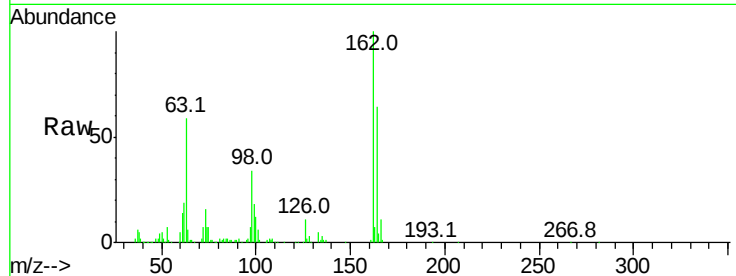




#29
 2,4-Dichlorophenol
 Concen: 48.77 ng
 RT: 10.41 min Scan# 1245
 Delta R.T. -0.03 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

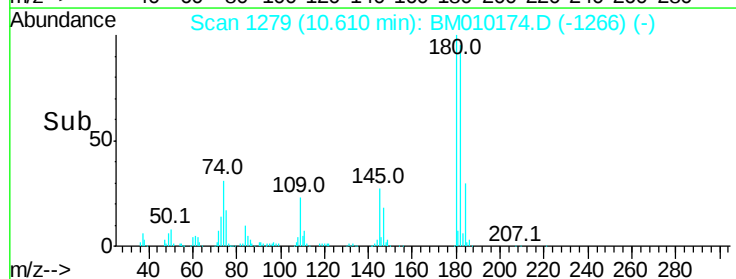
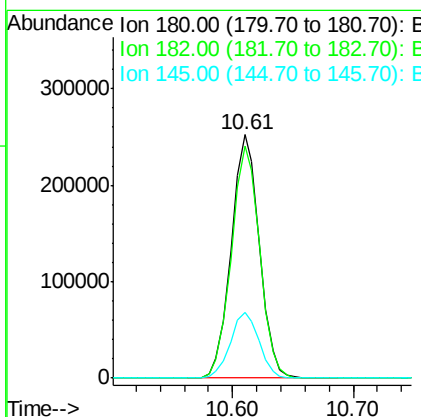
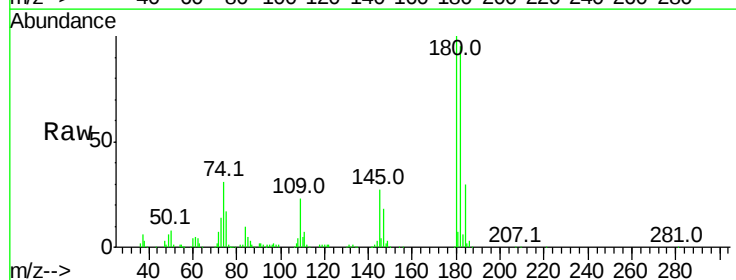
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

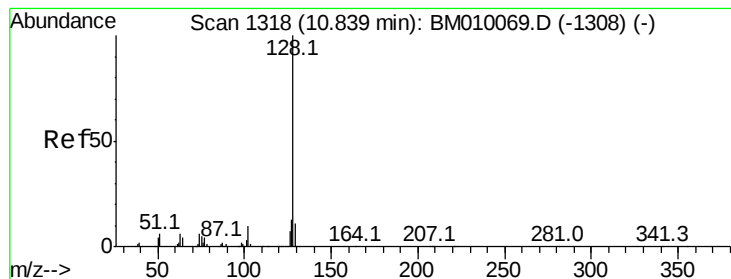
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	42.8	82.8
98	34.4	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.80 ng
 RT: 10.61 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	77.6	116.4
145	27.2	23.4	35.2





#31

Naphthalene

Concen: 40.43 ng

RT: 10.81 min Scan# 1313

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

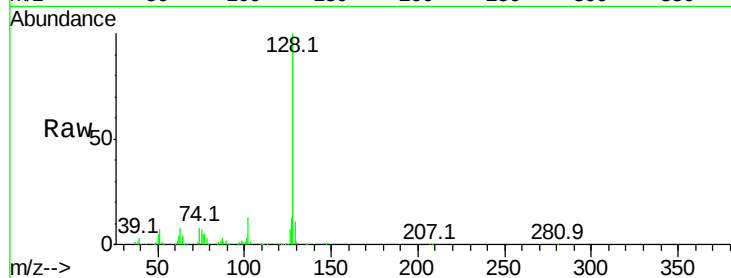
Tot Ion:128 Resp: 912970

Ion Ratio Lower Upper

128 100

129 10.6 8.9 13.3

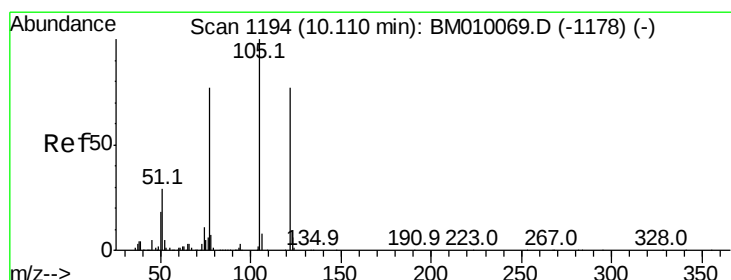
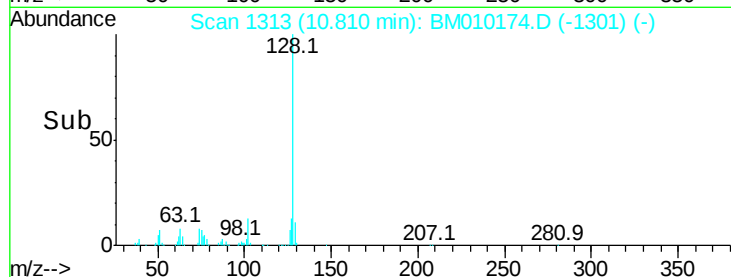
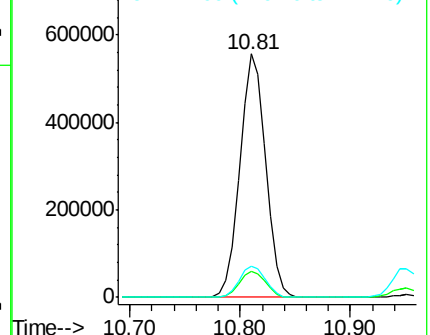
127 12.9 10.4 15.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.69 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

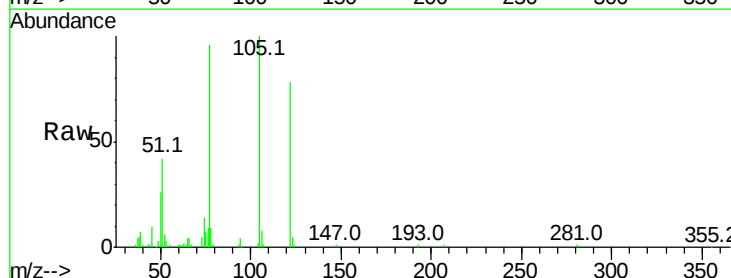
Tgt Ion:122 Resp: 186818

Ion Ratio Lower Upper

122 100

105 128.4 99.9 139.9

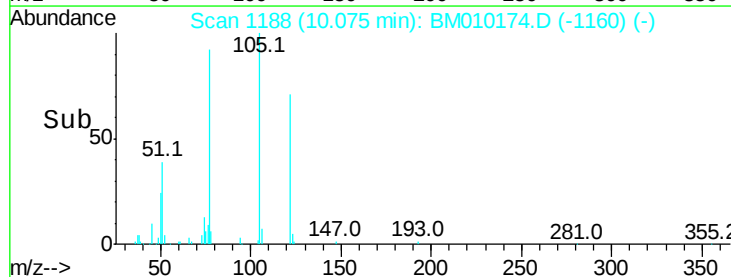
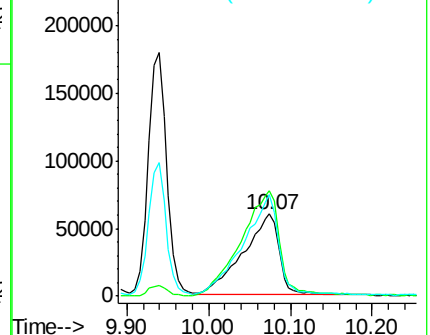
77 123.4 73.7 113.7#

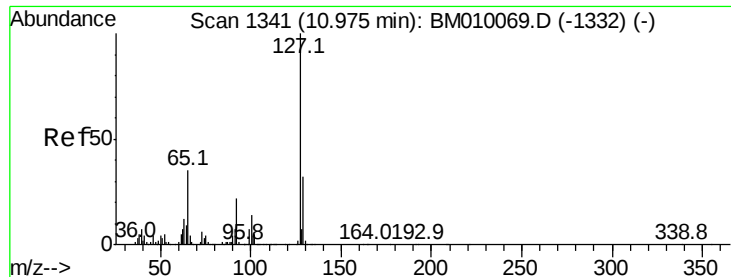


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

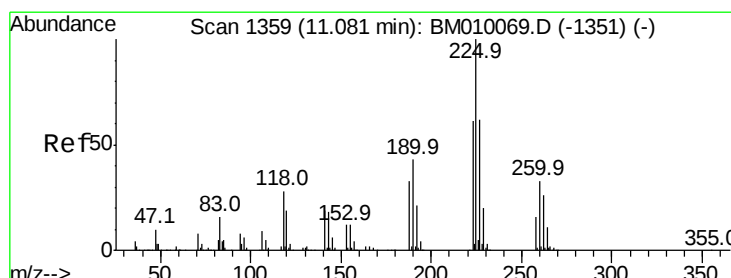
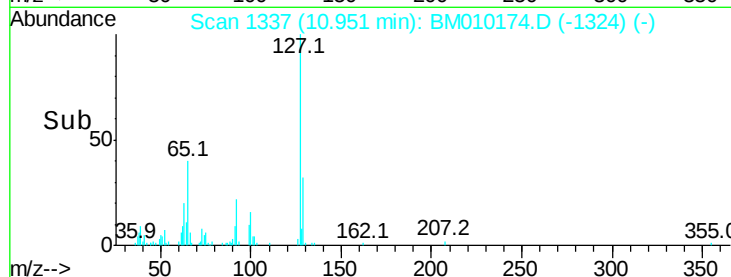
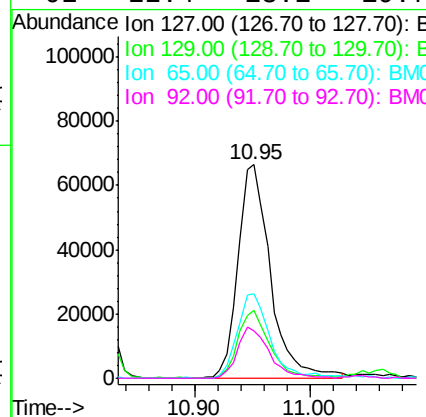
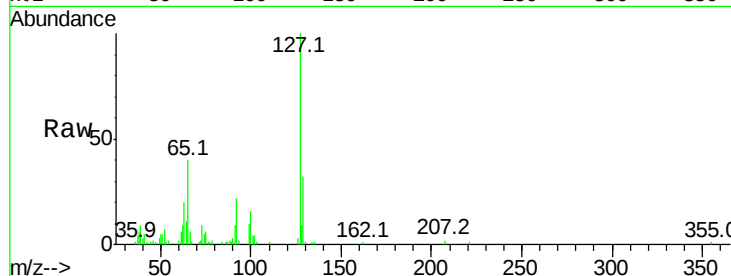




#33
4-Chloroaniline
Concen: 14.93 ng
RT: 10.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

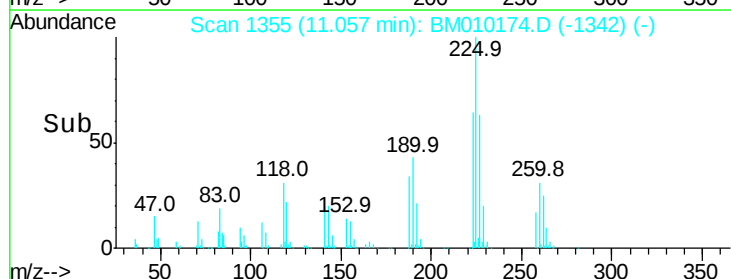
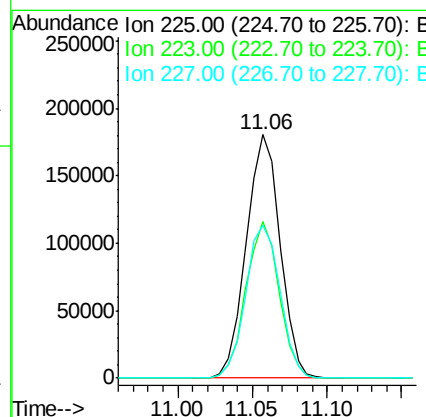
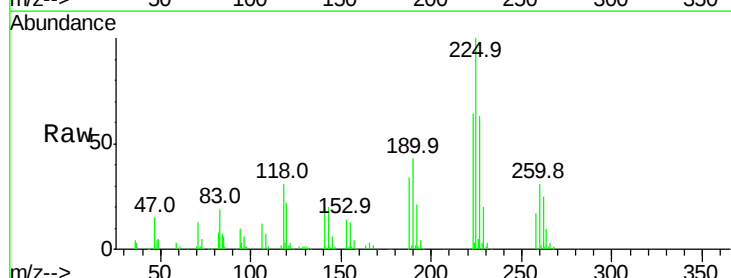
Instrument :
BNA_M
ClientSampleId :
PB99196BS

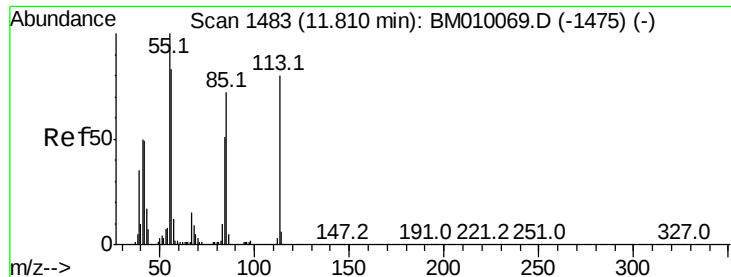
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.3	37.9
65	39.8	17.6	26.4
92	22.4	13.1	19.7



#34
Hexachlorobutadiene
Concen: 46.41 ng
RT: 11.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	47.9	71.9
227	62.9	50.1	75.1

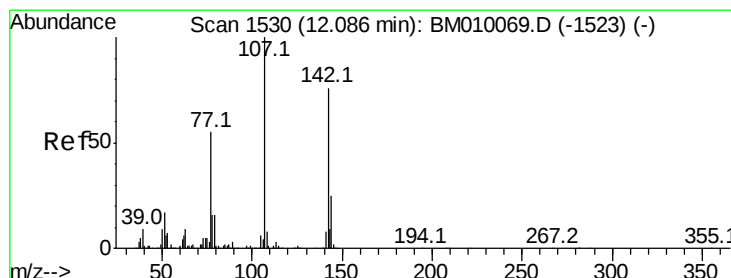
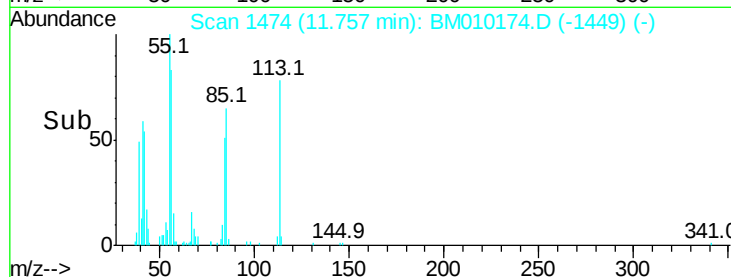
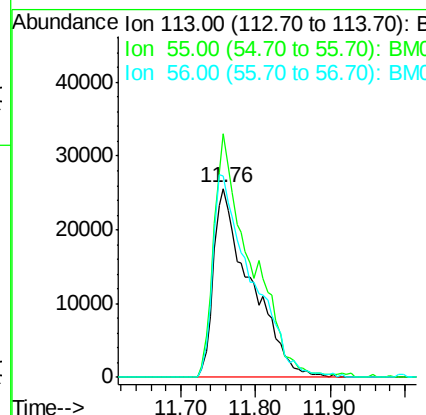
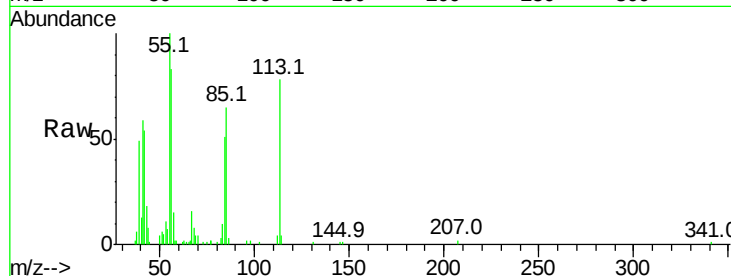




#35
 Caprolactam
 Concen: 43.71 ng
 RT: 11.76 min Scan# 1474
 Delta R.T. -0.05 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

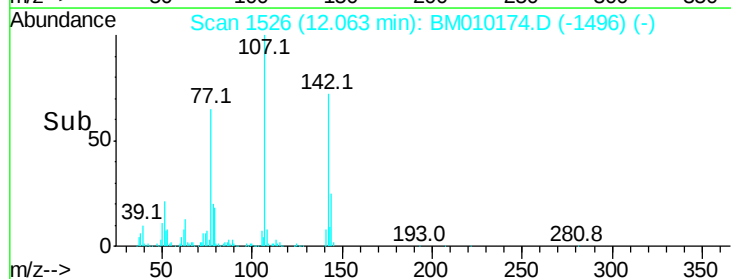
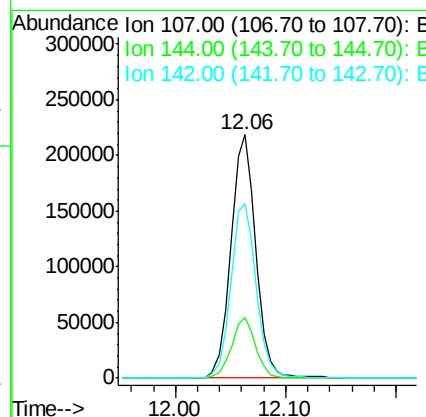
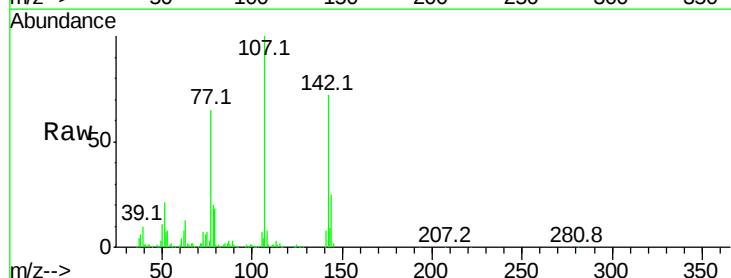
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

Tot Ion:113 Resp: 88578
 Ion Ratio Lower Upper
 113 100
 55 128.9 145.9 185.9#
 56 106.8 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 45.09 ng
 RT: 12.06 min Scan# 1526
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion:107 Resp: 344909
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 71.9 72.6 109.0#

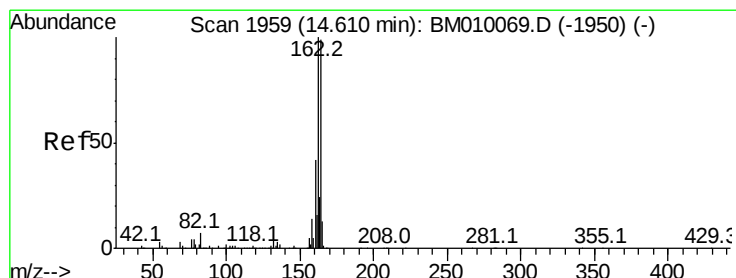
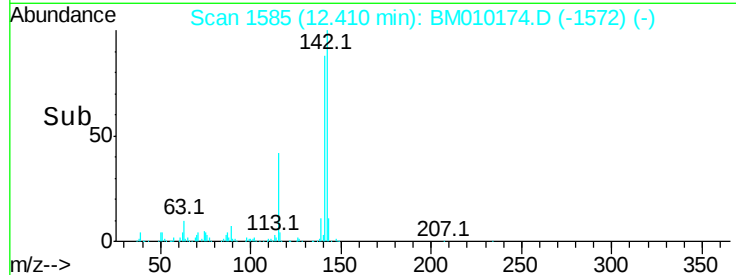
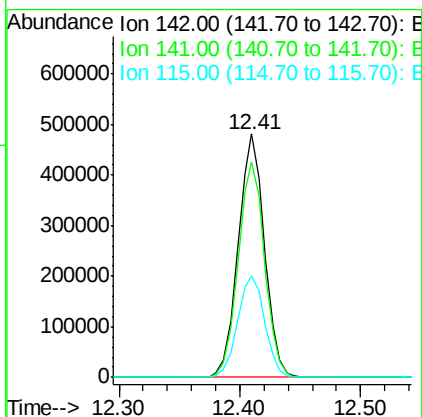
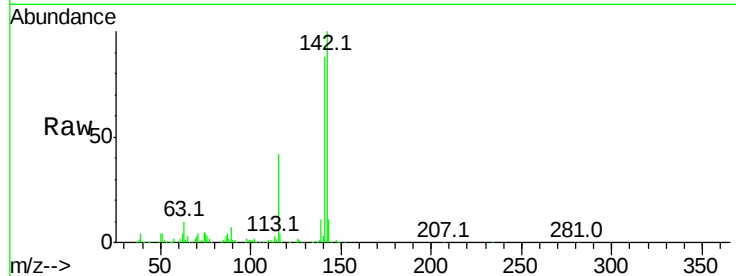




#37
 2-Methylnaphthalene
 Concen: 44.74 ng
 RT: 12.41 min Scan# 1585
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

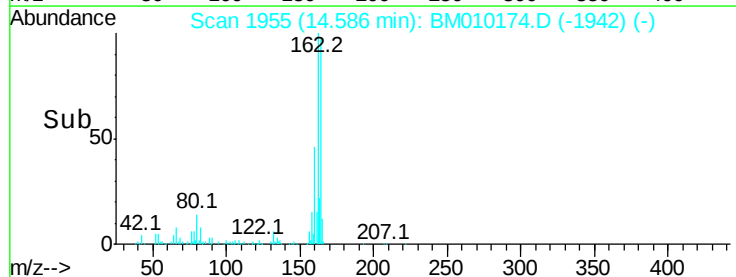
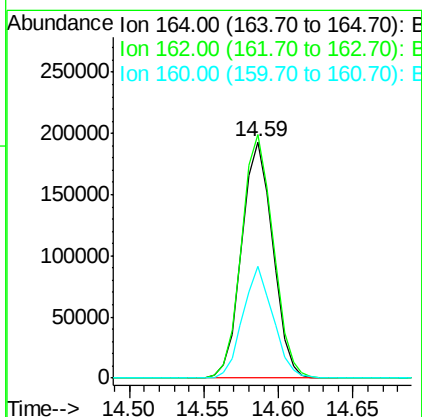
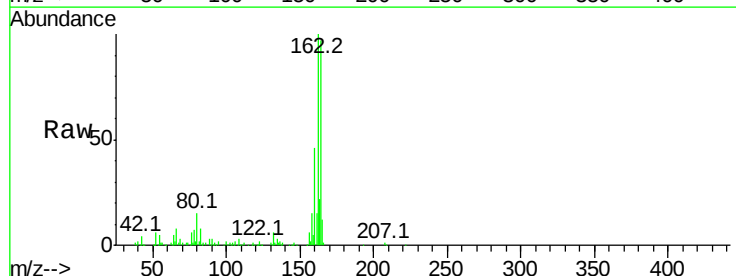
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

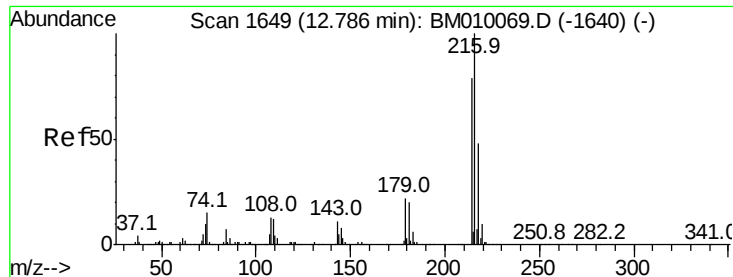
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	41.6	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.59 min Scan# 1955
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.4	123.6
160	47.3	35.8	53.6

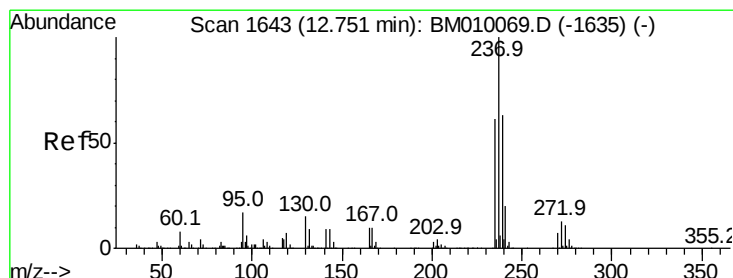
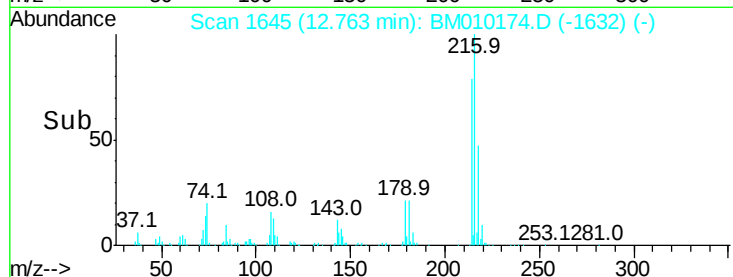
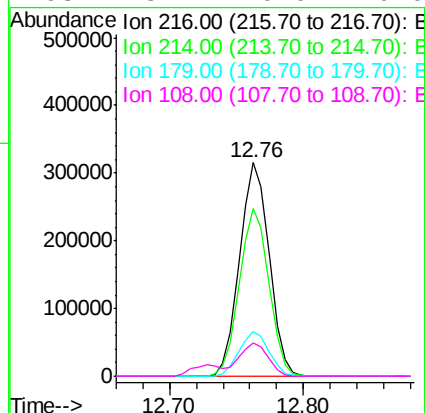
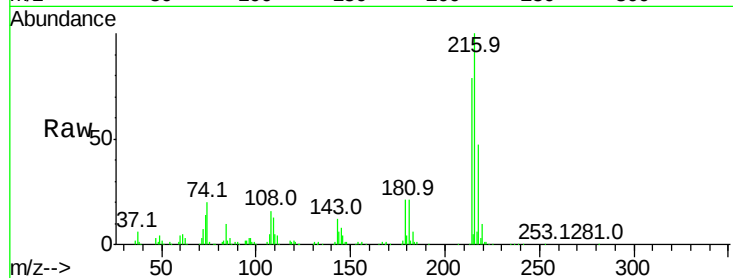




#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.05 ng
 RT: 12.76 min Scan# 1645
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

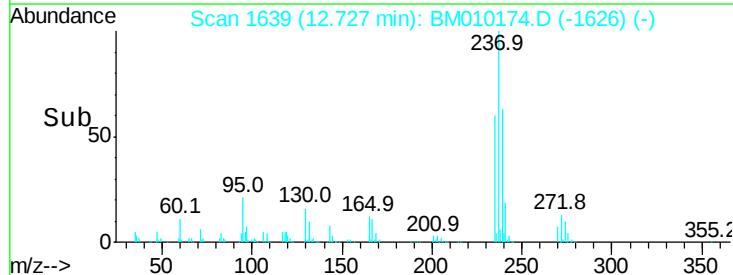
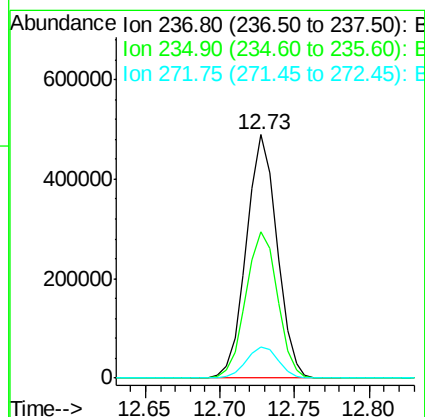
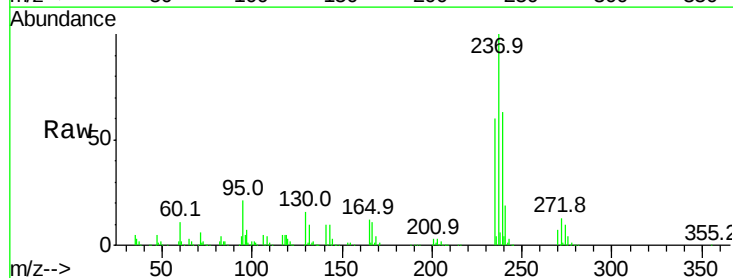
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

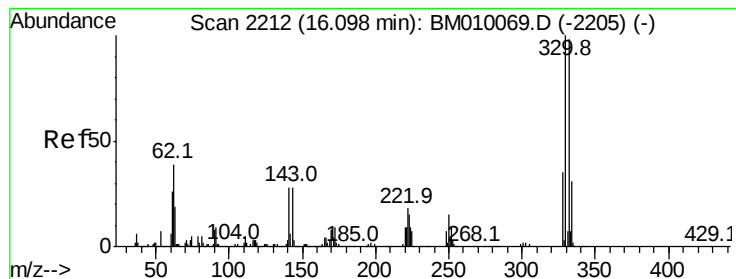
Tot Ion:	216	Resp:	482614
Ion	Ratio	Lower	Upper
216	100		
214	78.3	0.0	0.0#
179	20.9	0.0	0.0#
108	15.4	0.0	0.0#



#40
 Hexachlorocyclopentadiene
 Concen: 112.30 ng
 RT: 12.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion:	237	Resp:	694640
Ion	Ratio	Lower	Upper
237	100		
235	60.2	42.0	82.0
272	12.8	0.0	33.4





#41

2,4,6-Tribromophenol

Concen: 153.15 ng

RT: 16.08 min Scan# 2209

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampled :

PB99196BS

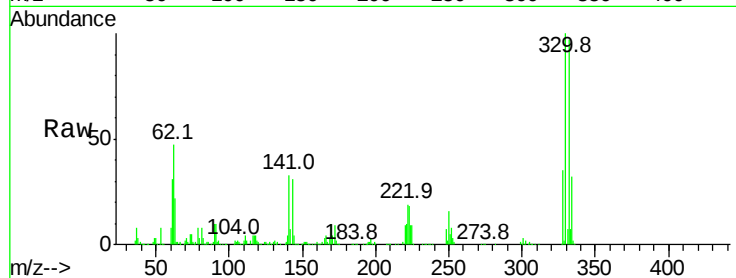
Tot Ion:330 Resp: 648022

Ion Ratio Lower Upper

330 100

332 96.6 0.0 0.0#

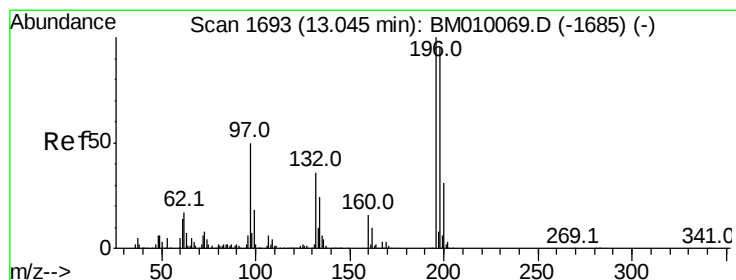
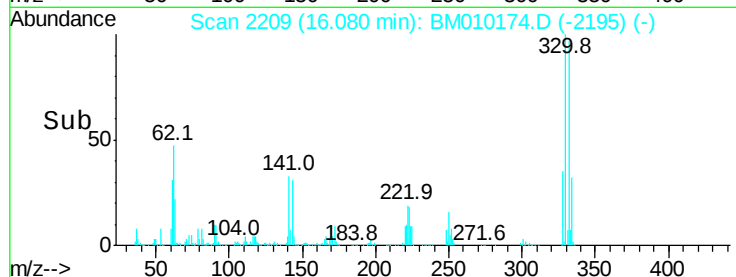
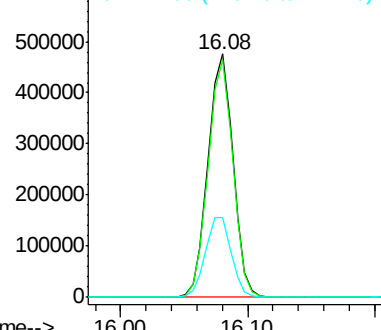
141 33.9 0.0 0.0#



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: 49.72 ng

RT: 13.02 min Scan# 1689

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

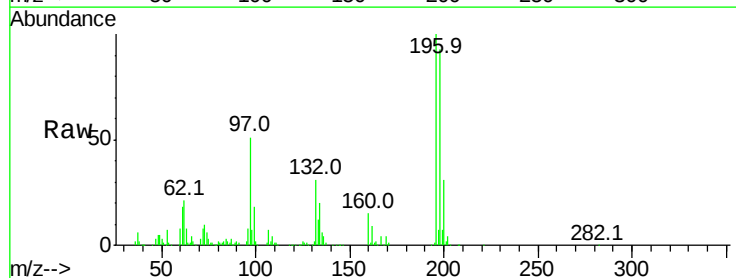
Tgt Ion:196 Resp: 313742

Ion Ratio Lower Upper

196 100

198 93.0 76.3 114.5

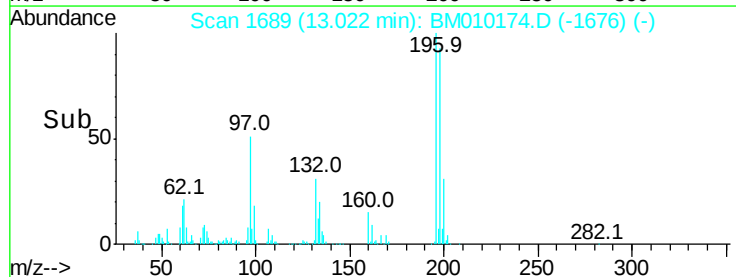
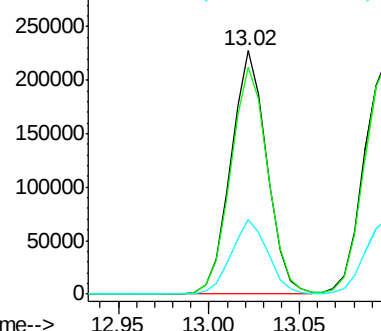
200 30.7 25.6 38.4

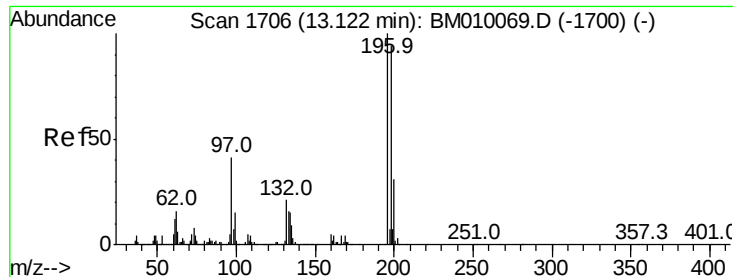


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

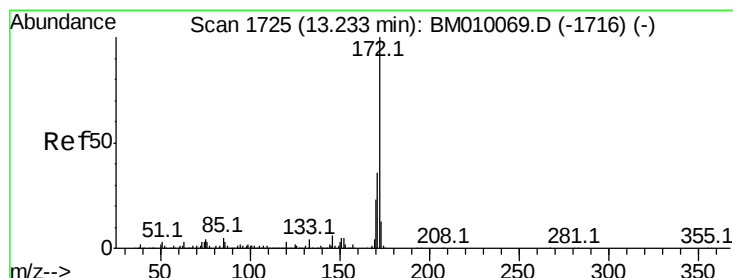
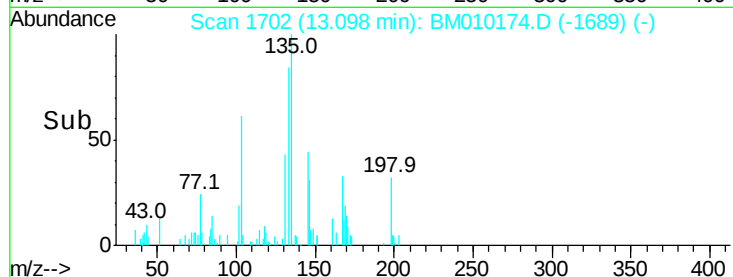
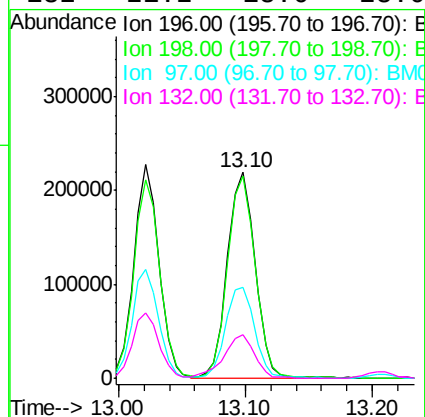
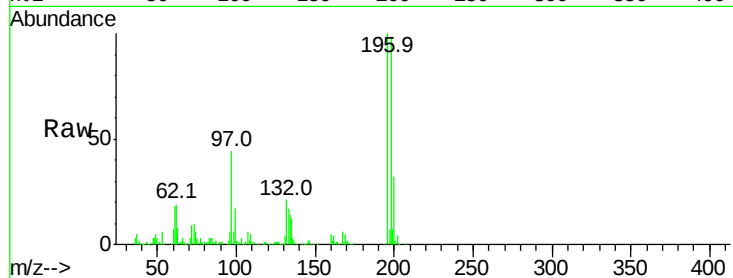




#43
2,4,5-Trichlorophenol
Concen: 47.30 ng
RT: 13.10 min Scan# 1702
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

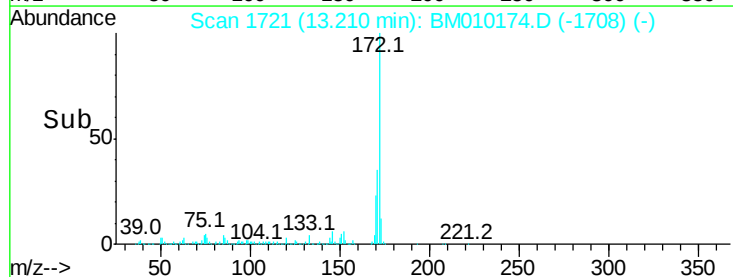
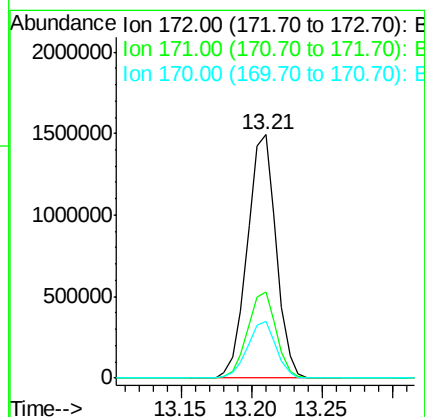
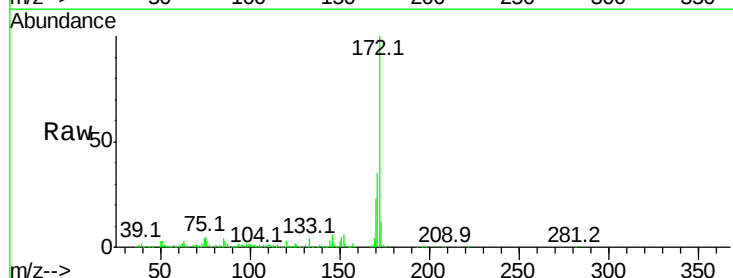
Instrument :
BNA_M
ClientSampleId :
PB99196BS

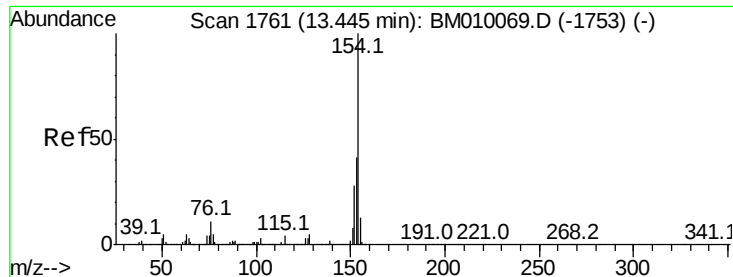
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.2	79.4	119.0
97	44.4	26.8	40.2
132	21.2	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 98.44 ng
RT: 13.21 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.3	18.8	28.2





#45

1,1'-Biphenyl

Concen: 43.80 ng

RT: 13.42 min Scan# 1757

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

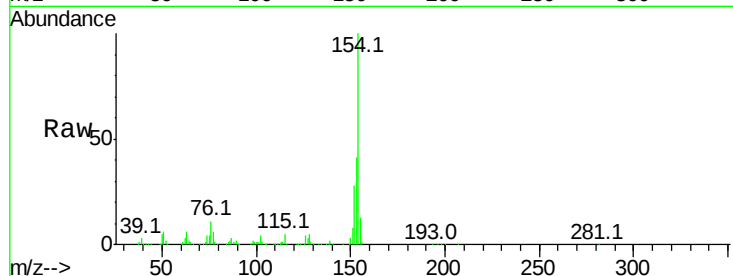
BNA_M

ClientSampleId :

PB99196BS

Tot Ion:154 Resp: 1003377

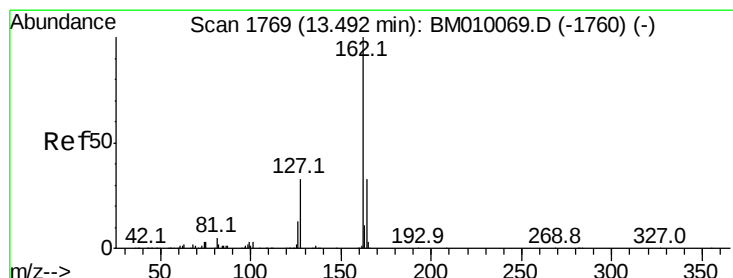
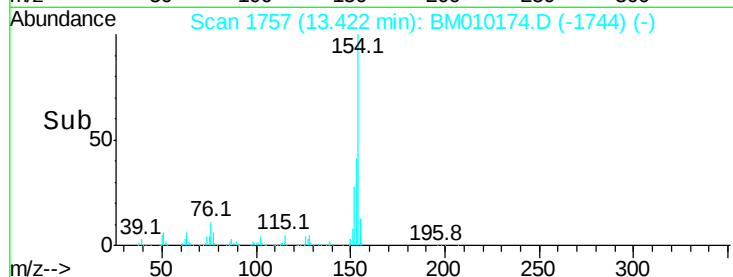
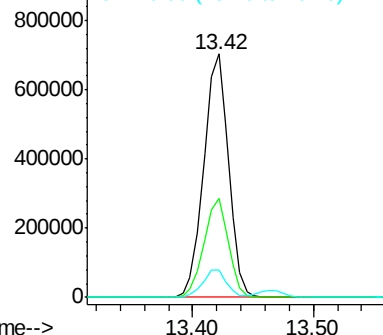
Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.7	60.7
76	11.0	0.0	30.9



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: 42.90 ng

RT: 13.47 min Scan# 1765

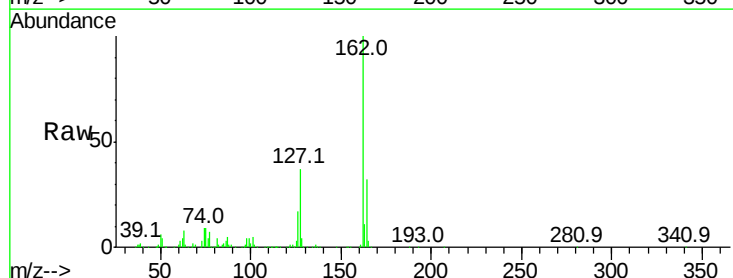
Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:162 Resp: 795771

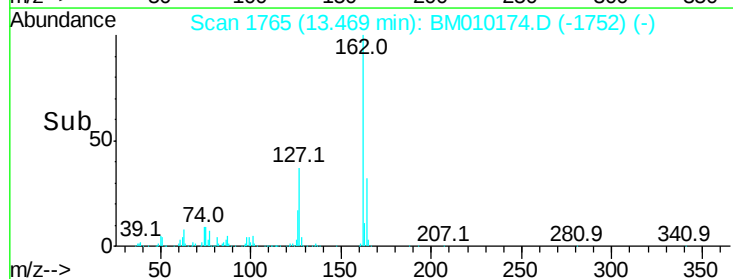
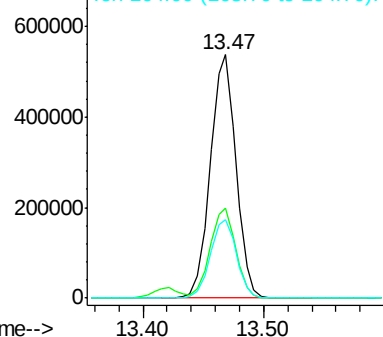
Ion	Ratio	Lower	Upper
162	100		
127	36.9	26.9	40.3
164	32.0	26.8	40.2

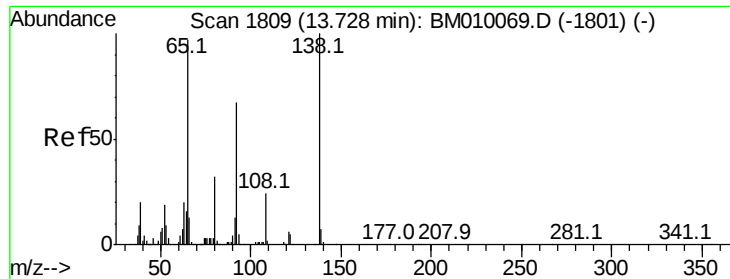


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

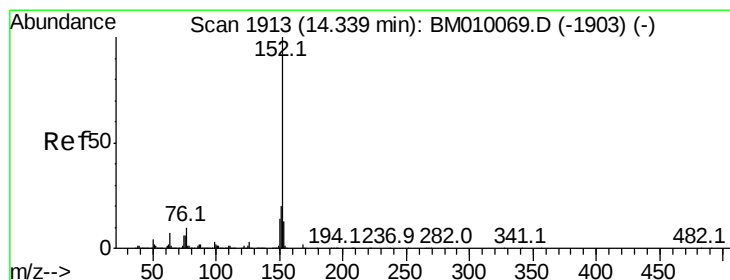
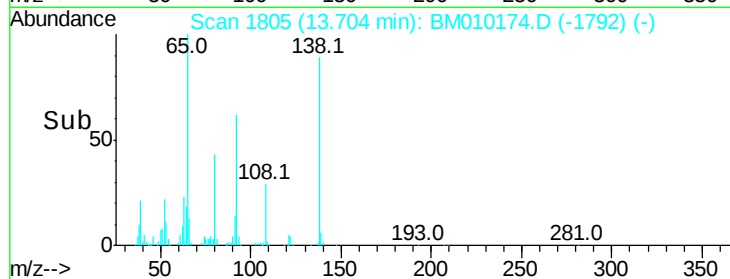
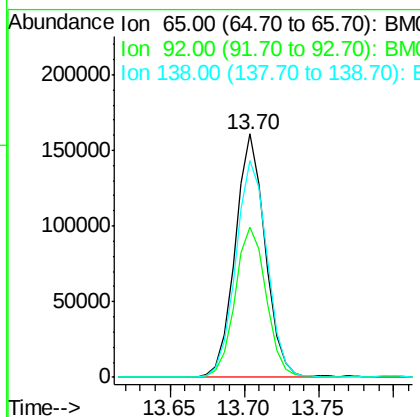
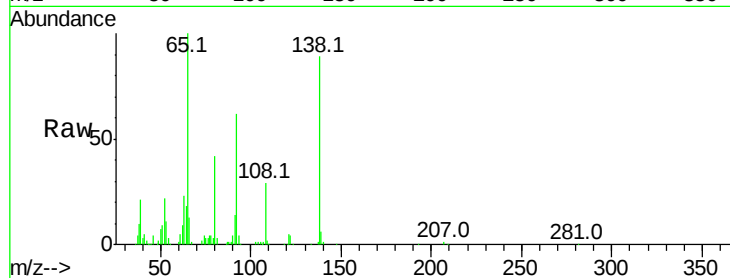




#47
2-Nitroaniline
Concen: 47.39 ng
RT: 13.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

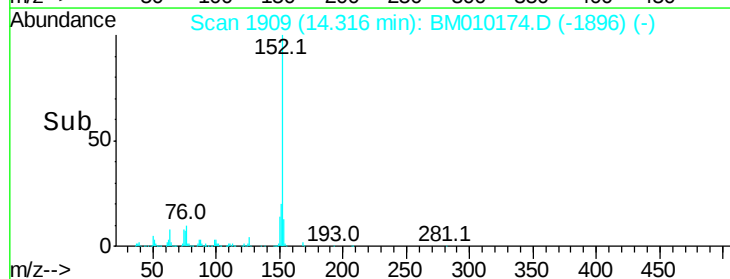
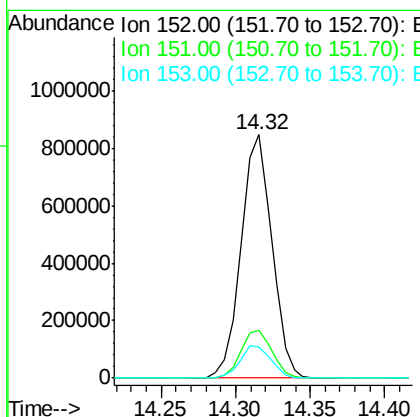
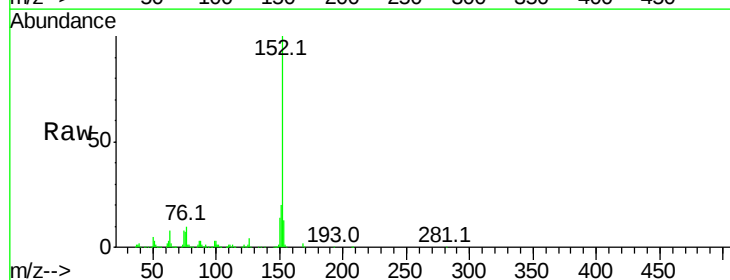
Instrument :
BNA_M
ClientSampleId :
PB99196BS

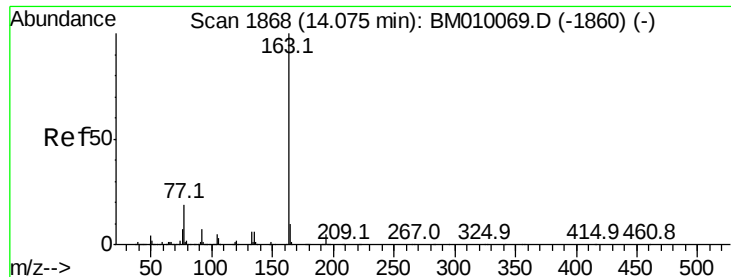
Tot Ion: 65 Resp: 226041
Ion Ratio Lower Upper
65 100
92 61.9 59.1 88.7
138 88.9 93.9 140.9#



#48
Acenaphthylene
Concen: 44.24 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion: 152 Resp: 1213369
Ion Ratio Lower Upper
152 100
151 19.5 15.9 23.9
153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 41.69 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

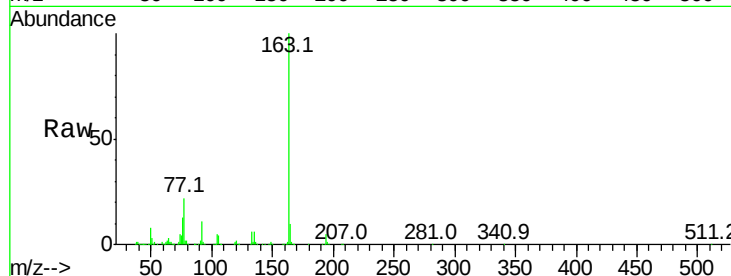
Tot Ion:163 Resp: 1035983

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

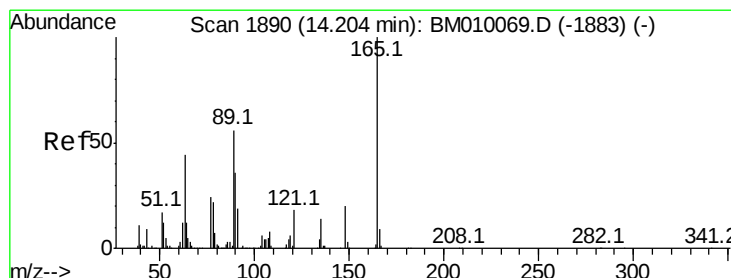
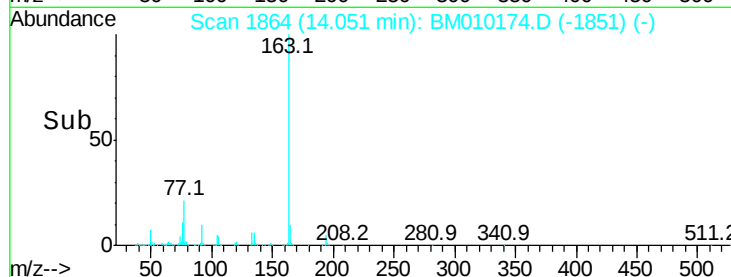
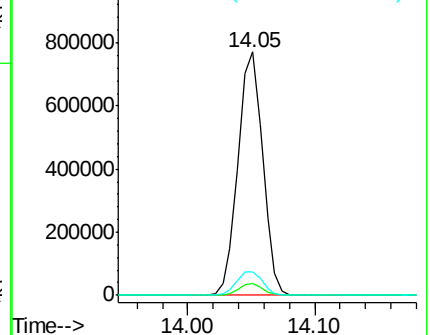
164 9.8 8.2 12.2



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: 46.76 ng

RT: 14.19 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

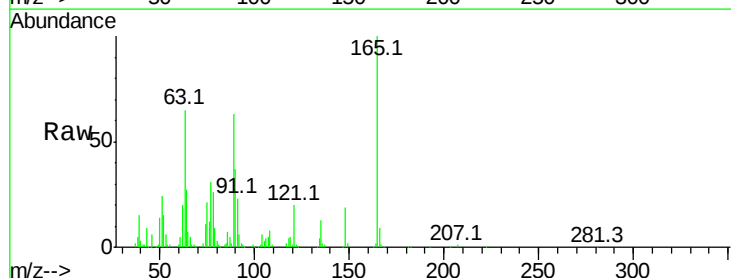
Tgt Ion:165 Resp: 220656

Ion Ratio Lower Upper

165 100

63 64.5 44.1 66.1

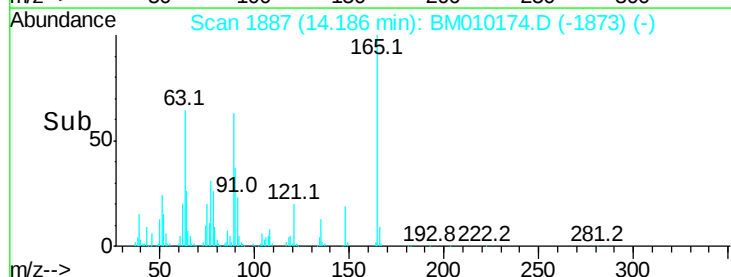
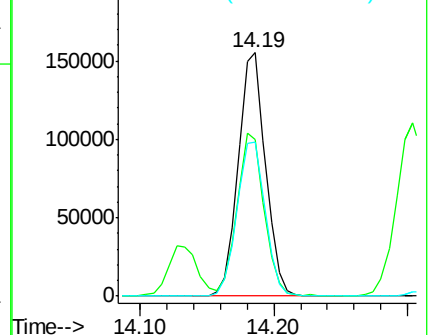
89 63.2 44.3 66.5

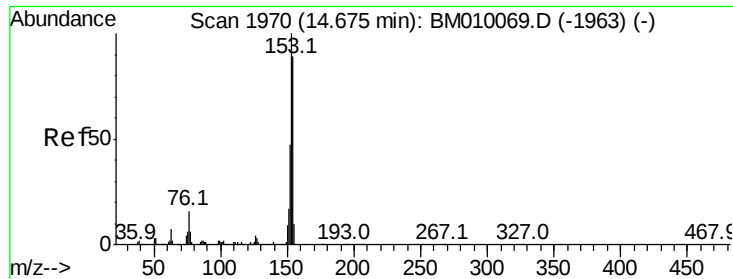


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 43.74 ng

RT: 14.65 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

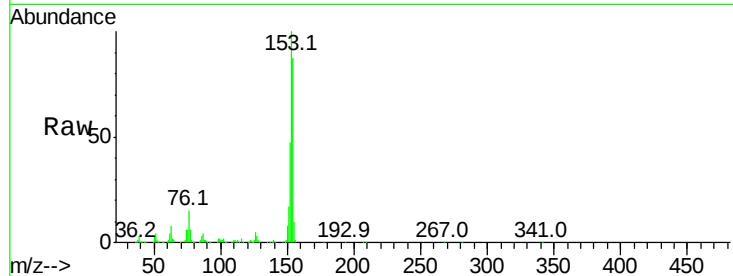
Tot Ion:154 Resp: 745836

Ion Ratio Lower Upper

154 100

153 115.3 90.0 135.0

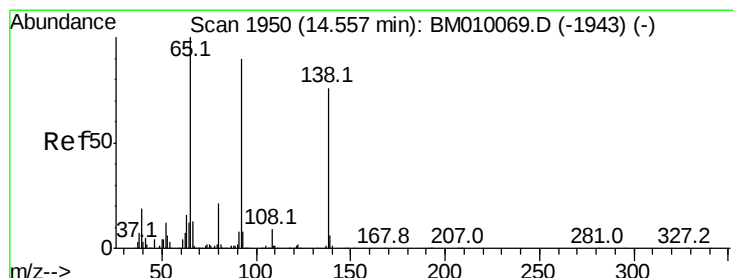
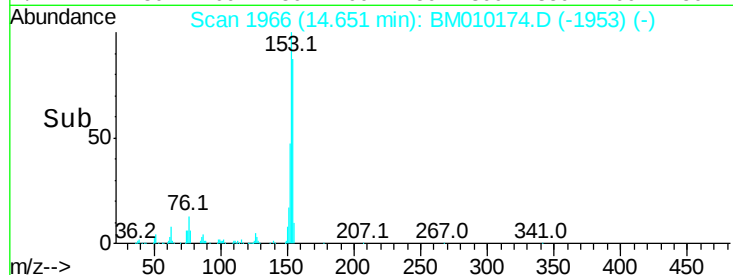
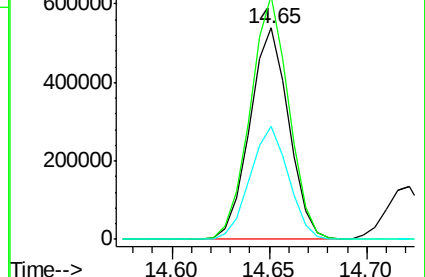
152 53.6 42.6 63.8



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: 29.09 ng

RT: 14.53 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

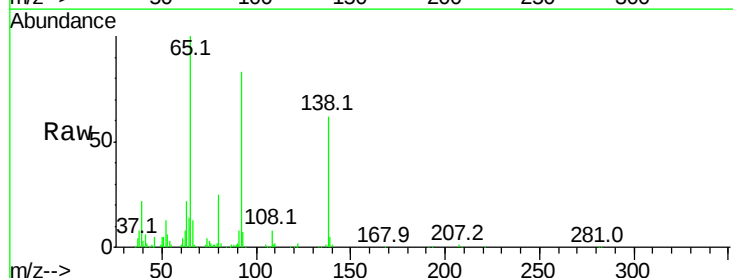
Tgt Ion:138 Resp: 127566

Ion Ratio Lower Upper

138 100

108 12.2 7.3 10.9#

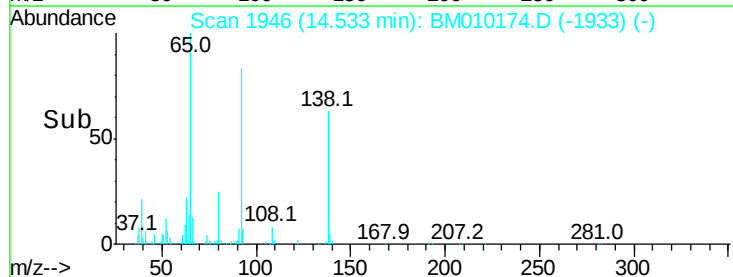
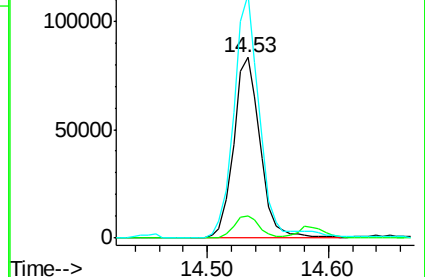
92 134.9 76.6 114.8#



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

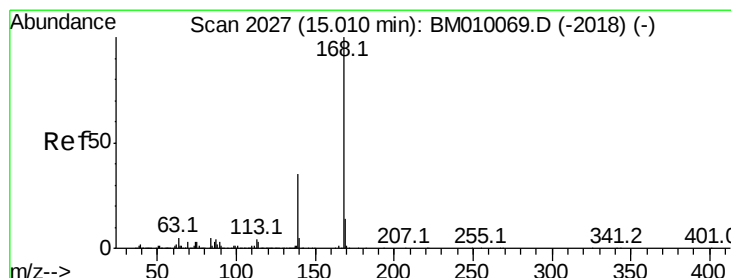
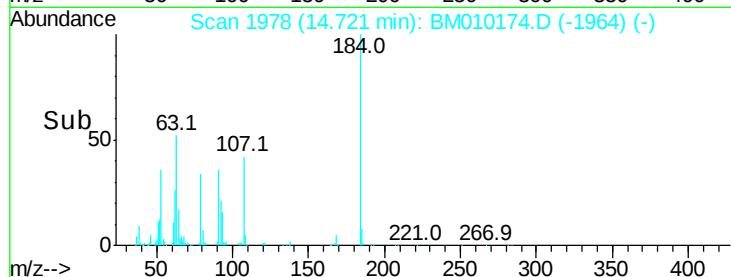
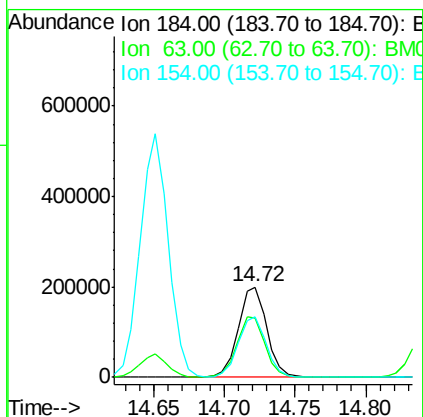
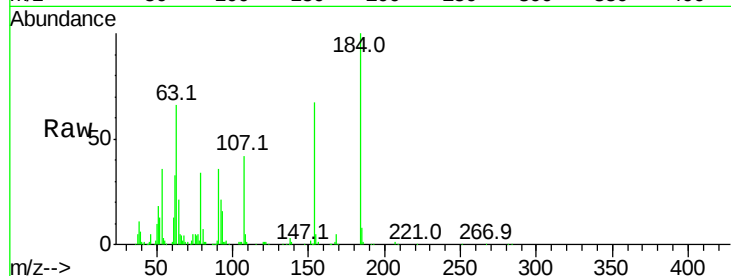




#53
2,4-Dinitrophenol
Concen: 88.64 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

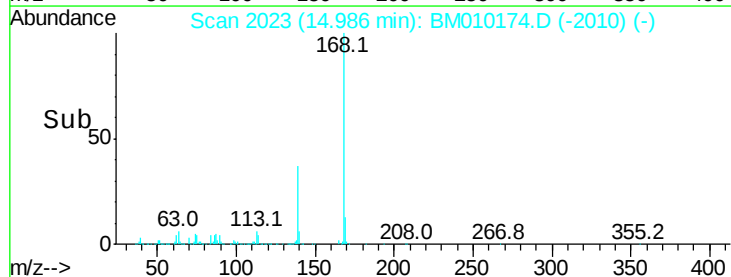
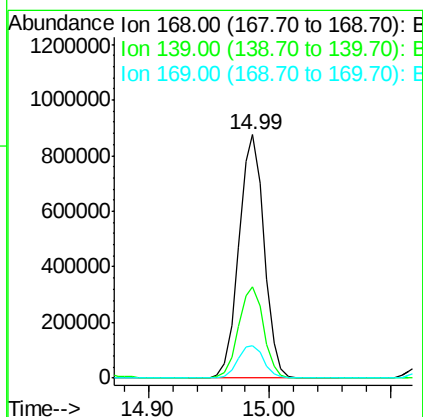
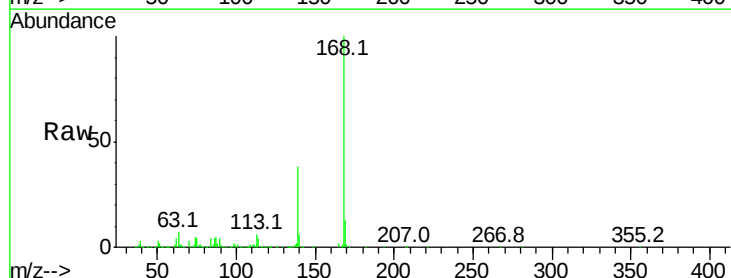
Instrument :
BNA_M
ClientSampleId :
PB99196BS

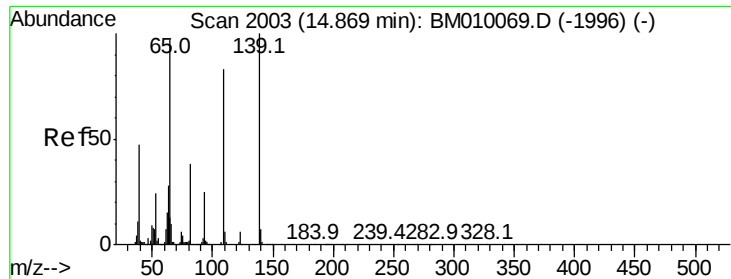
Tot Ion:184 Resp: 280238
Ion Ratio Lower Upper
184 100
63 65.8 69.2 103.8#
154 67.5 53.3 79.9



#54
Dibenzofuran
Concen: 47.52 ng
RT: 14.99 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion:168 Resp: 1274104
Ion Ratio Lower Upper
168 100
139 37.5 27.3 40.9
169 13.2 10.6 16.0





#55

4-Nitrophenol

Concen: 92.86 ng

RT: 14.84 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

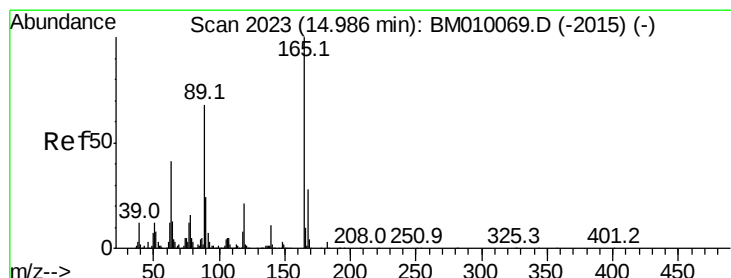
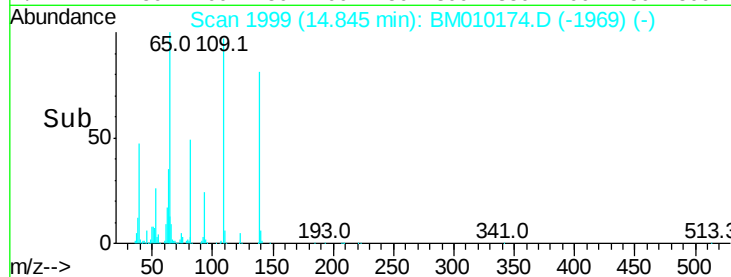
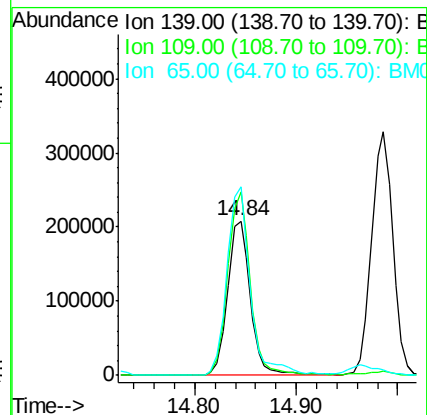
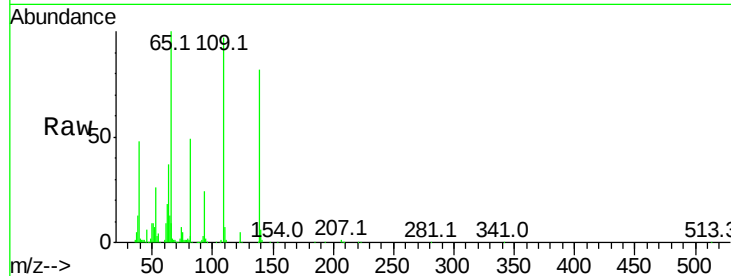
Tot Ion:139 Resp: 327746

Ion Ratio Lower Upper

139 100

109 118.8 37.7 77.7#

65 122.7 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 46.44 ng

RT: 14.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:165 Resp: 310041

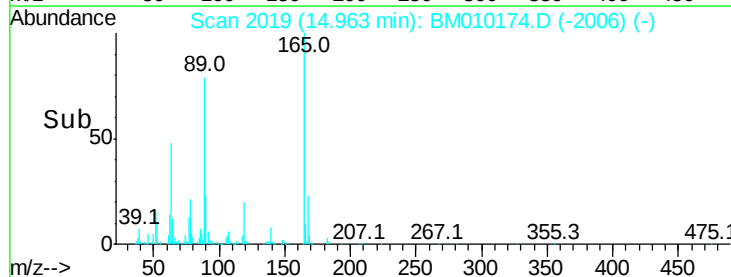
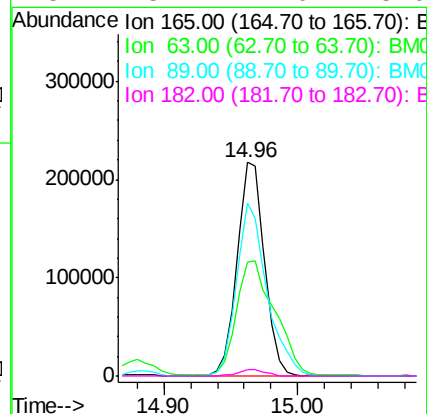
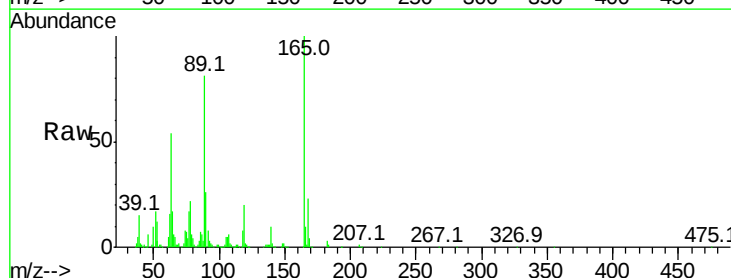
Ion Ratio Lower Upper

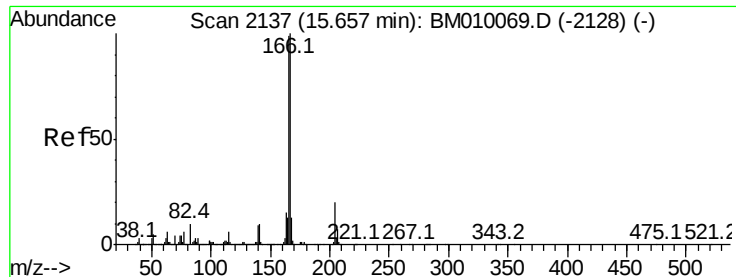
165 100

63 53.6 52.4 78.6

89 81.0 72.4 108.6

182 3.1 2.0 3.0#





#57

Fluorene

Concen: 44.96 ng

RT: 15.63 min Scan# 2133

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

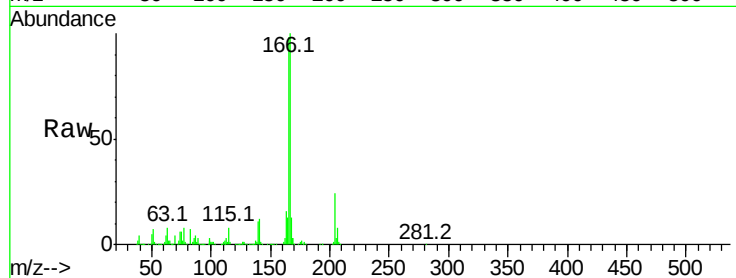
BNA_M

ClientSampleId :

PB99196BS

Tot Ion:166 Resp: 1048201

Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.1	10.3	15.5

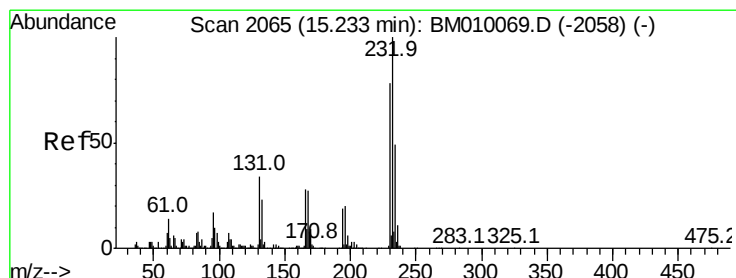
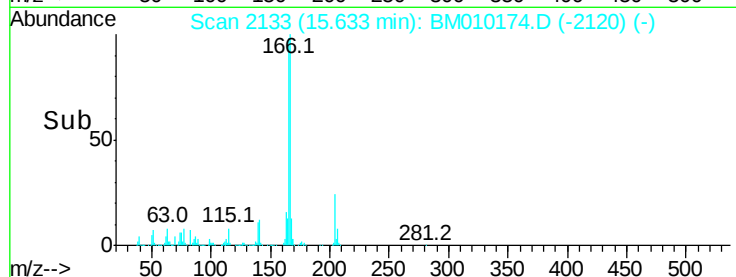
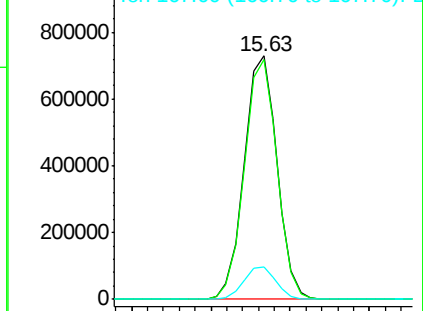


Abundance

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: 54.83 ng

RT: 15.21 min Scan# 2061

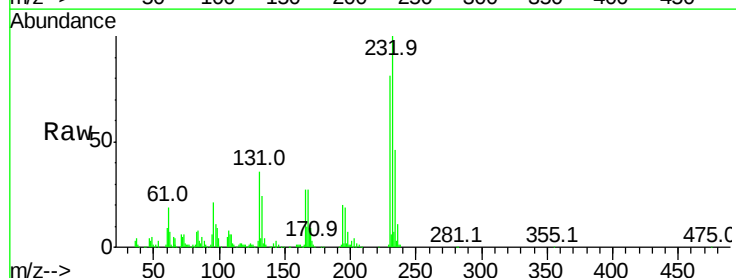
Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:232 Resp: 325620

Ion	Ratio	Lower	Upper
232	100		
131	35.2	0.0	0.0#
130	2.4	0.0	0.0#
166	27.9	0.0	0.0#



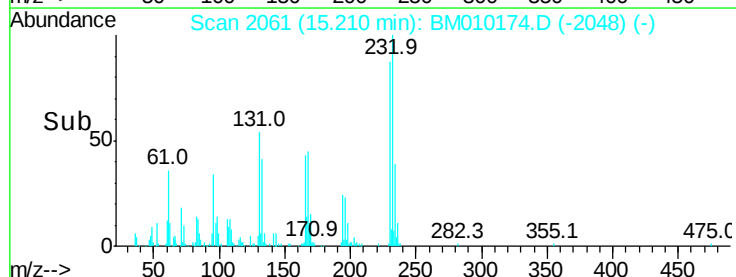
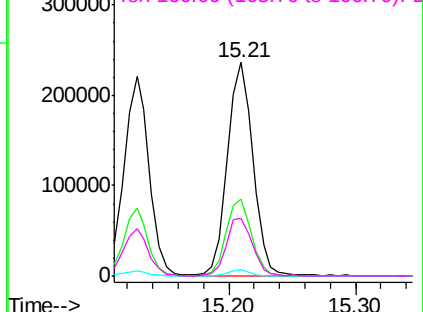
Abundance

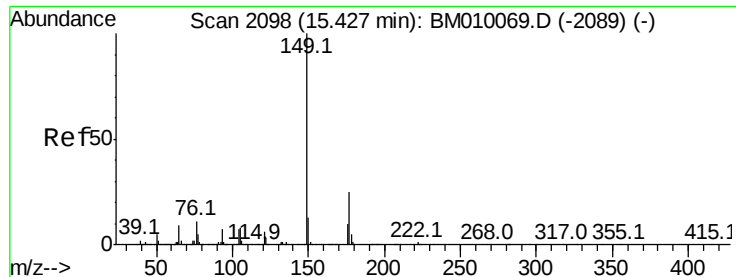
Ion 232.00 (231.70 to 232.70): E

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: 42.06 ng

RT: 15.40 min Scan# 2093

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

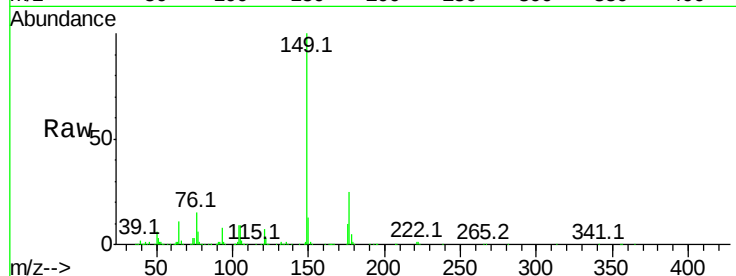
Tot Ion:149 Resp: 988182

Ion Ratio Lower Upper

149 100

177 24.9 18.3 27.5

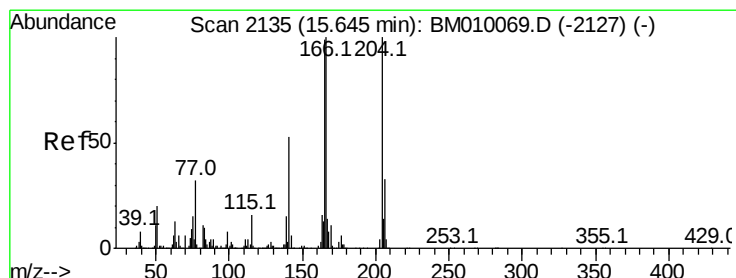
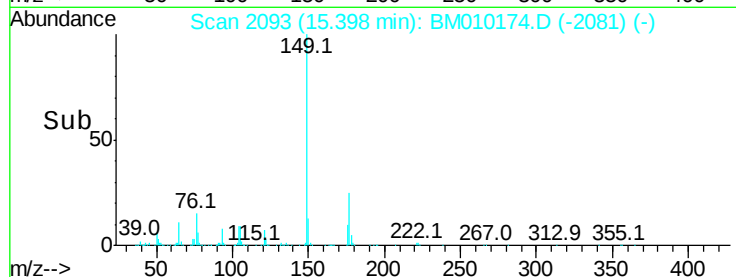
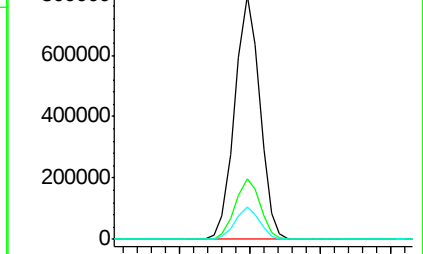
150 13.2 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.84 ng

RT: 15.62 min Scan# 2131

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

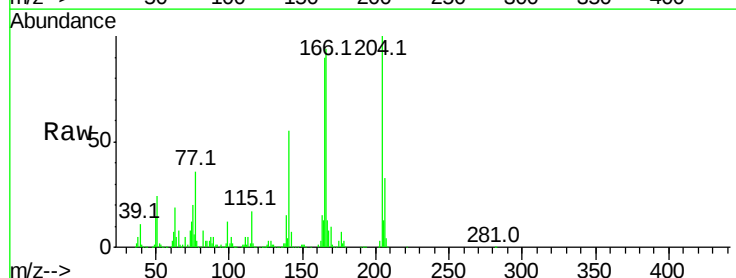
Tgt Ion:204 Resp: 587028

Ion Ratio Lower Upper

204 100

206 33.4 26.6 39.8

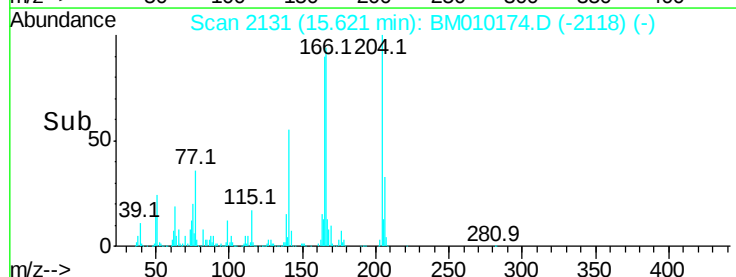
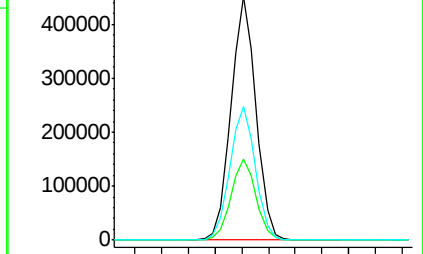
141 55.0 45.2 67.8



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

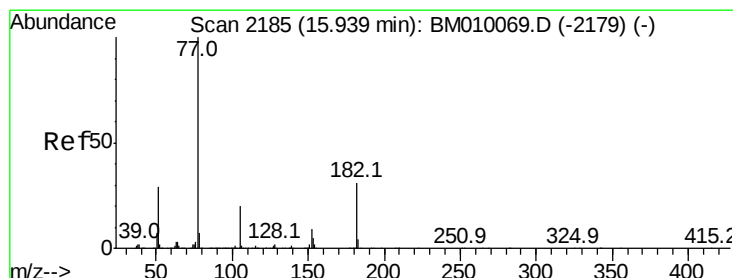
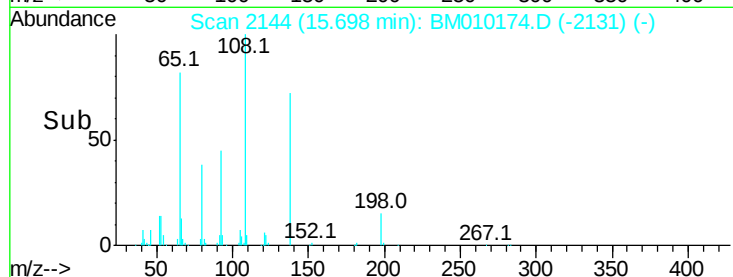
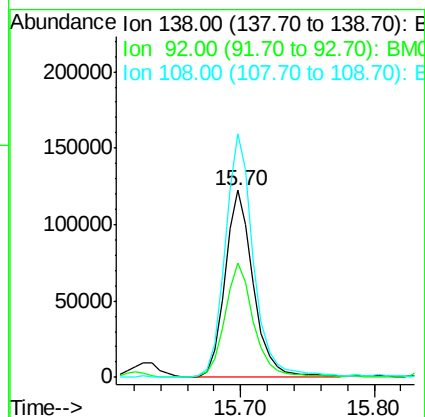
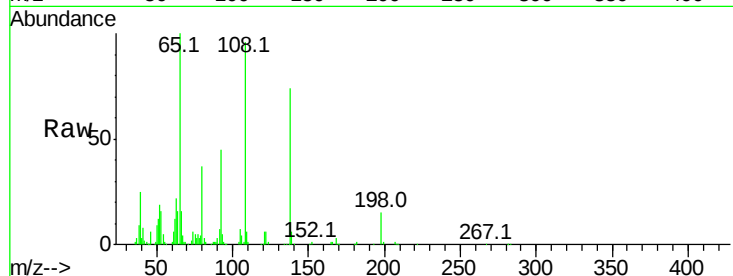




#61
4-Nitroaniline
Concen: 41.29 ng
RT: 15.70 min Scan# 2144
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

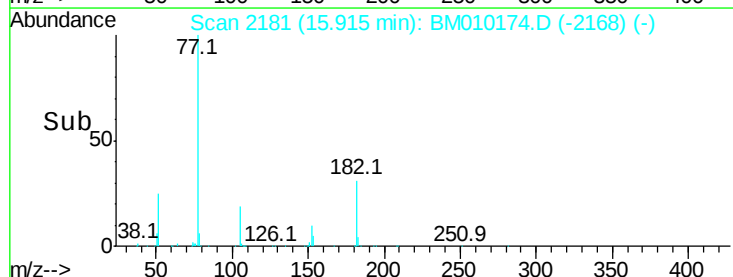
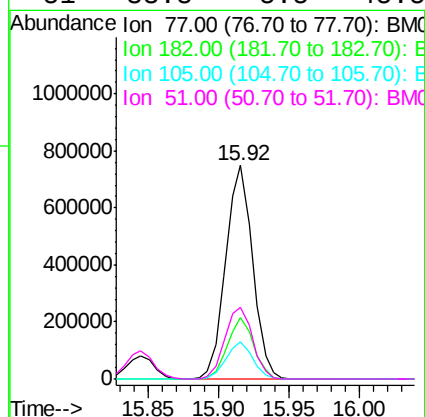
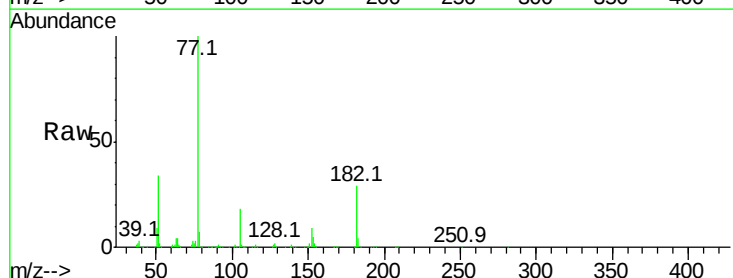
Instrument :
BNA_M
ClientSampleId :
PB99196BS

Tot Ion:138 Resp: 183851
Ion Ratio Lower Upper
138 100
92 61.4 16.7 56.7#
108 130.3 37.6 77.6#



#62
Azobenzene
Concen: 57.30 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion: 77 Resp: 989895
Ion Ratio Lower Upper
77 100
182 28.6 6.5 46.5
105 17.6 3.8 43.8
51 33.8 5.5 45.5

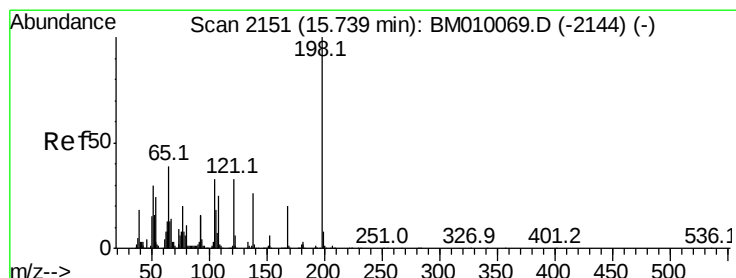
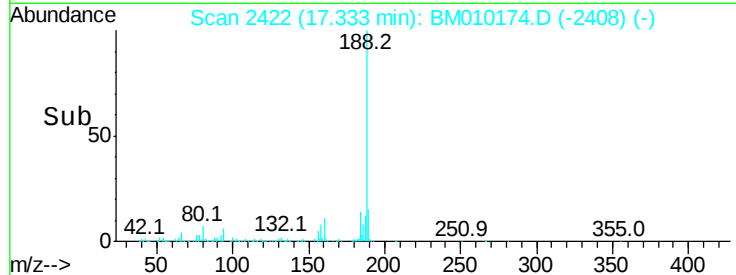
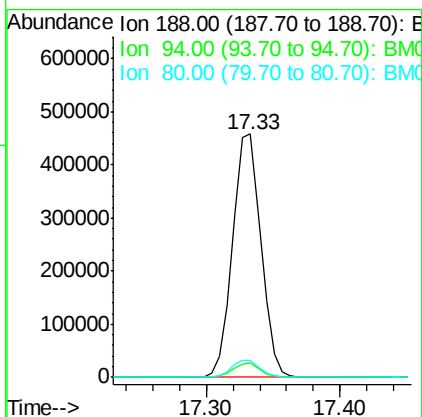
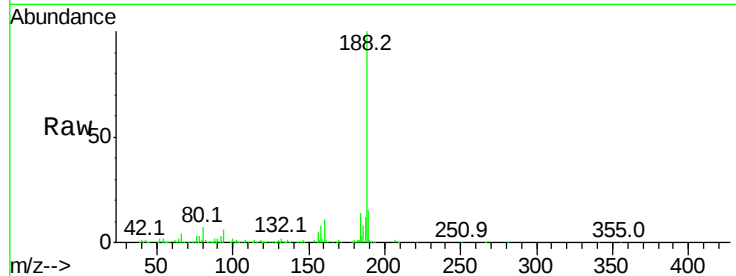




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.33 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

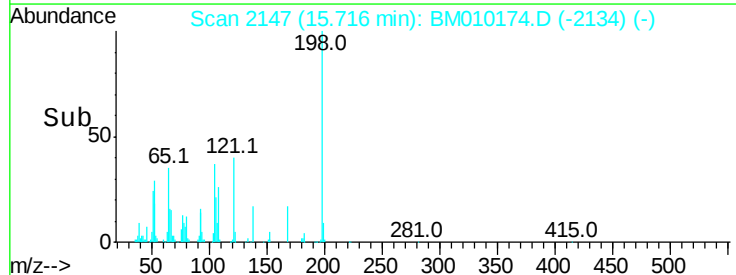
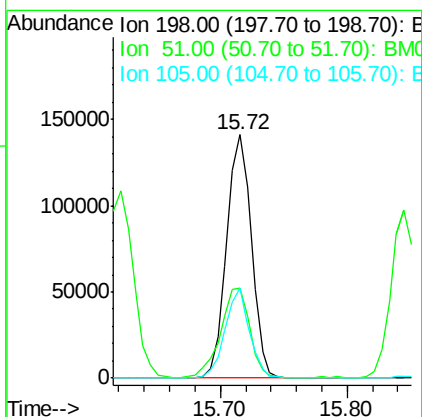
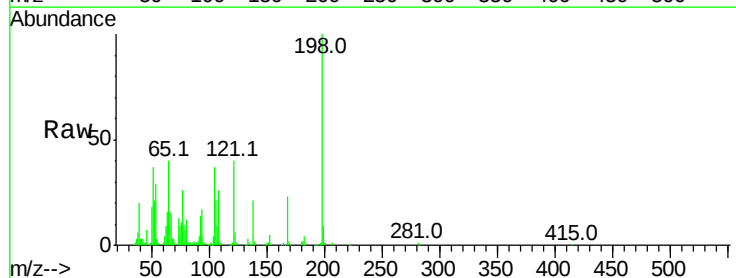
Instrument :
BNA_M
ClientSampleId :
PB99196BS

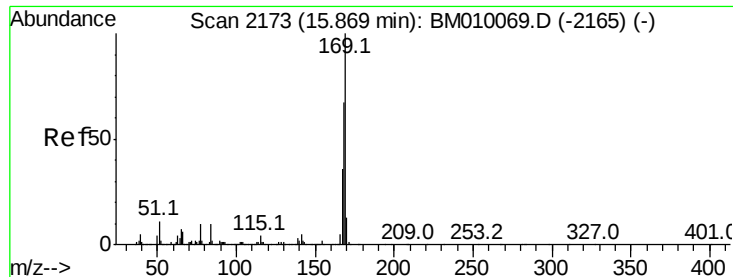
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.8	8.7	13.1#
80	7.2	9.3	13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 46.08 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
198	100		
51	37.2	28.8	68.8
105	36.9	30.5	70.5





#65

n-Nitrosodiphenylamine

Concen: 44.70 ng

RT: 15.84 min Scan# 2169

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

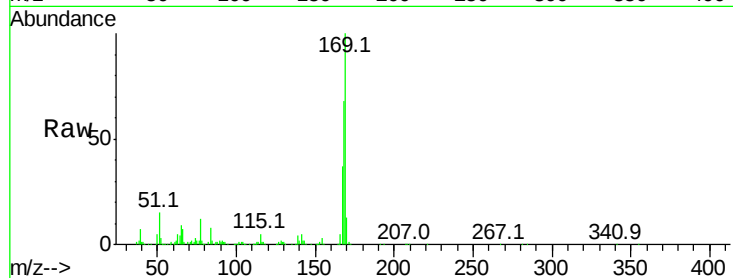
Tot Ion:169 Resp: 909244

Ion Ratio Lower Upper

169 100

168 68.2 53.9 80.9

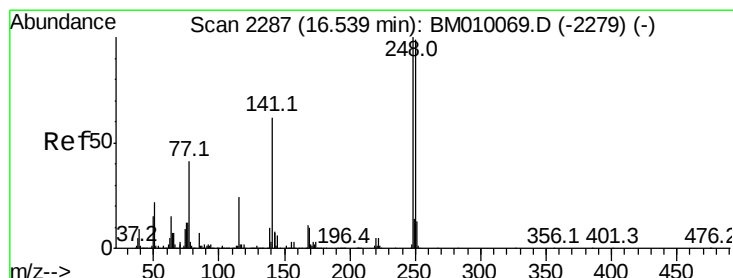
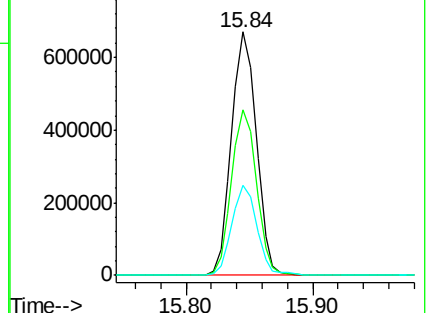
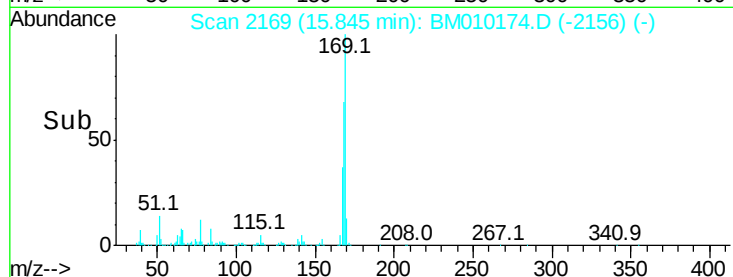
167 37.1 28.9 43.3



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: 45.72 ng

RT: 16.52 min Scan# 2283

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

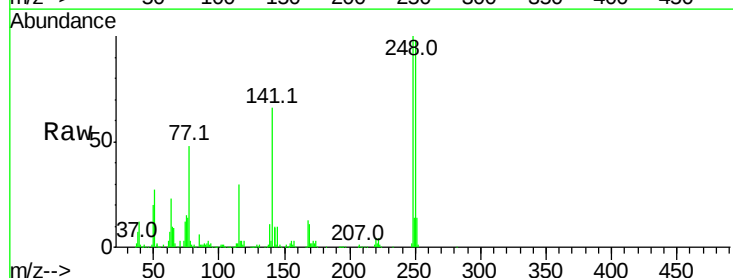
Tgt Ion:248 Resp: 397248

Ion Ratio Lower Upper

248 100

250 98.1 77.4 116.0

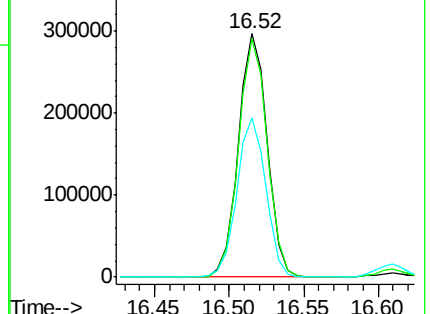
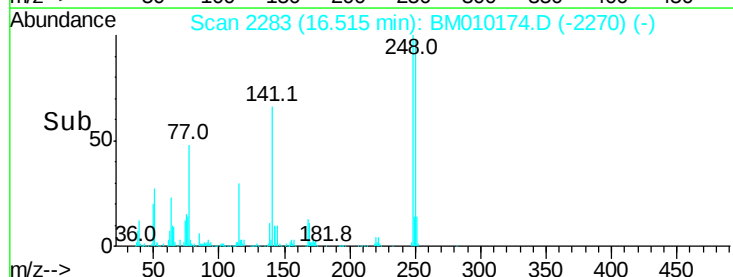
141 65.5 45.2 67.8

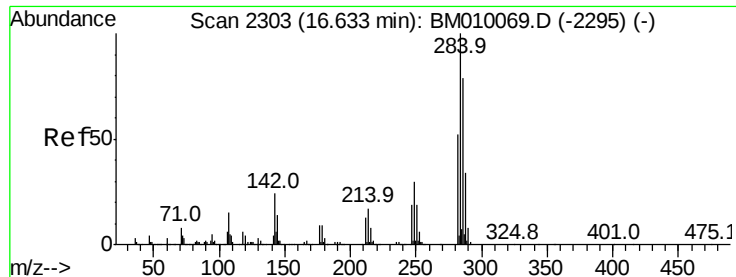


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

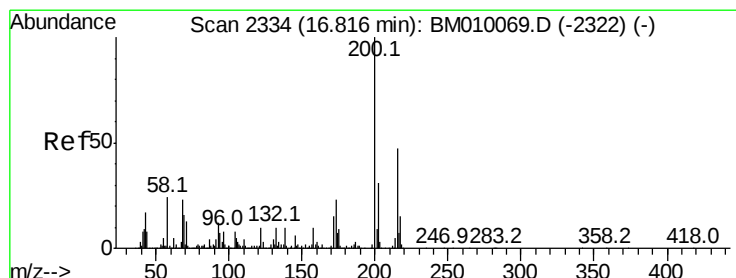
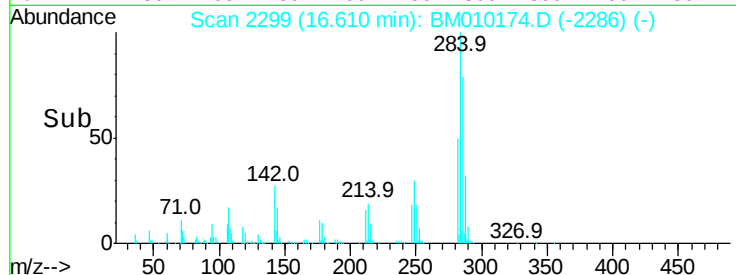
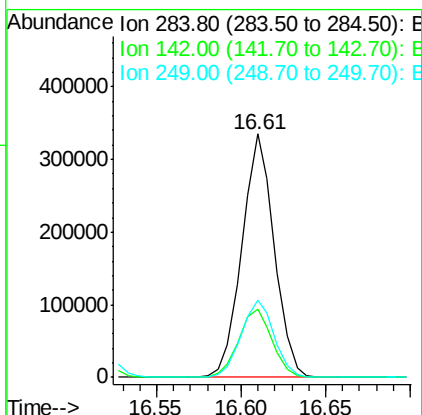
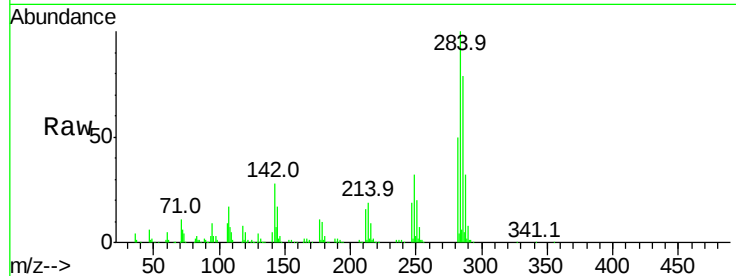




#67
Hexachlorobenzene
Concen: 42.10 ng
RT: 16.61 min Scan# 2299
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

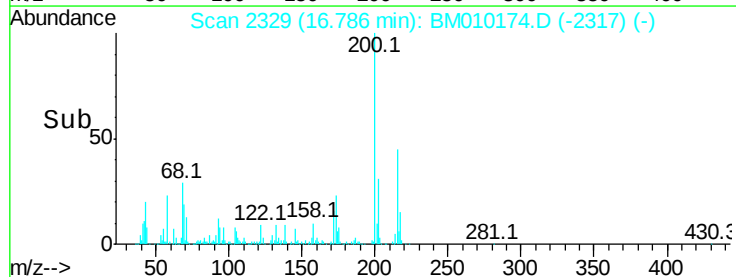
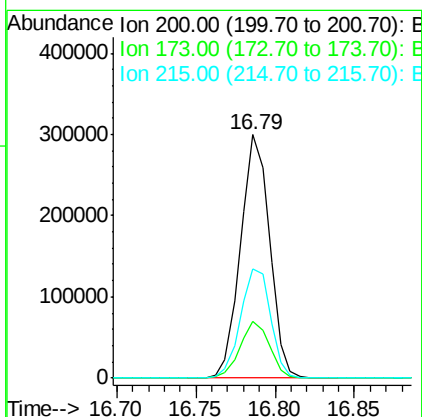
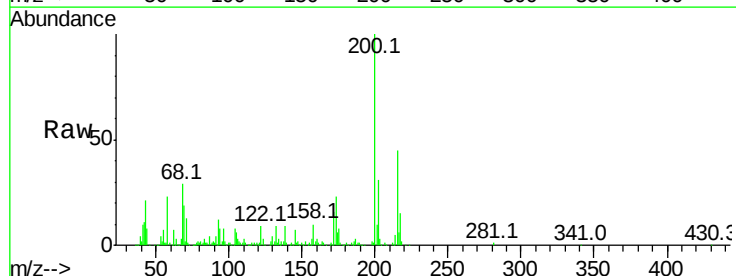
Instrument :
BNA_M
ClientSampleId :
PB99196BS

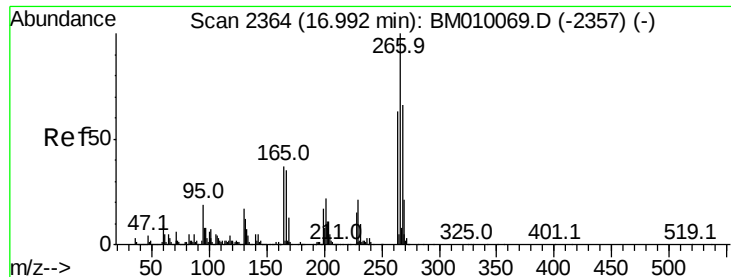
Tot Ion	Ratio	Lower	Upper
284	100		
142	28.0	20.4	30.6
249	31.8	23.8	35.6



#68
Atrazine
Concen: 49.46 ng
RT: 16.79 min Scan# 2329
Delta R.T. -0.03 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
200	100		
173	23.1	4.8	44.8
215	44.7	26.9	66.9

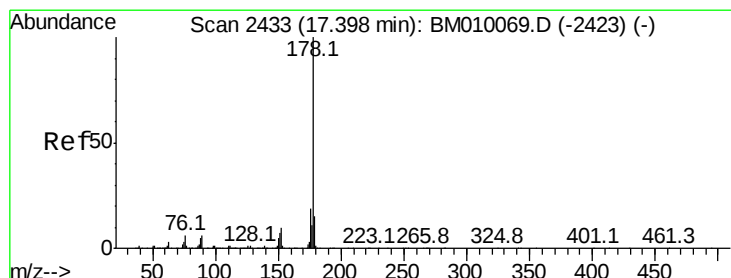
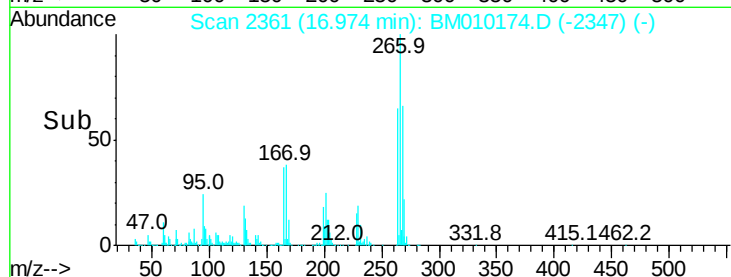
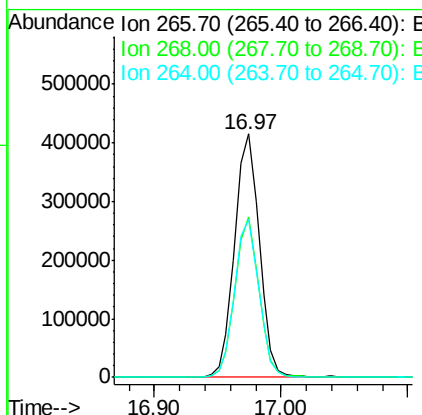
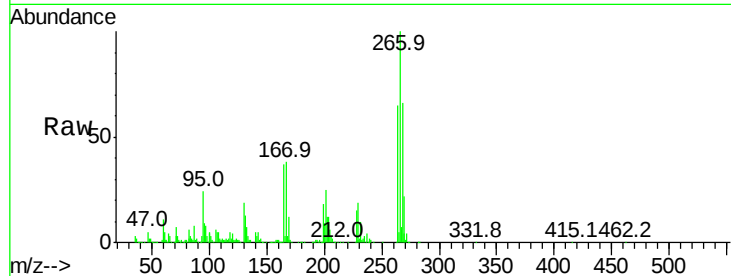




#69
 Pentachlorophenol
 Concen: 97.20 ng
 RT: 16.97 min Scan# 2361
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

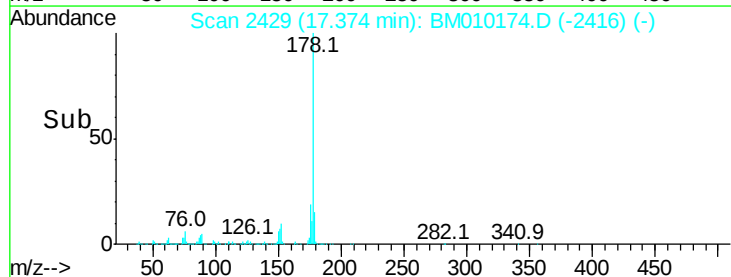
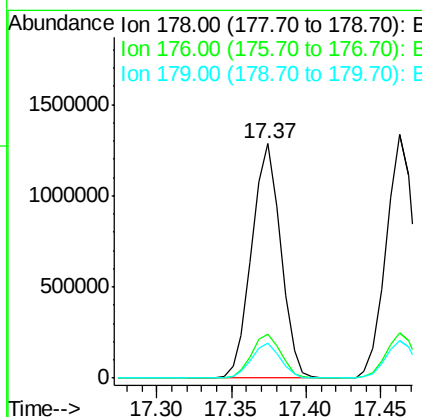
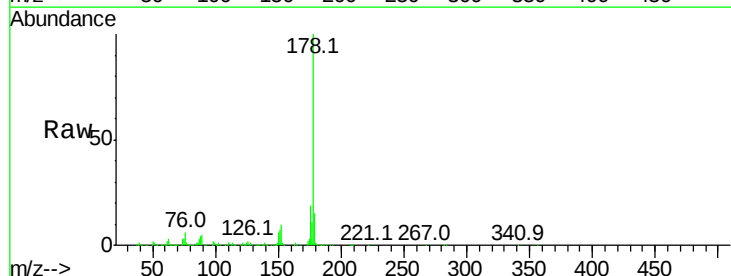
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

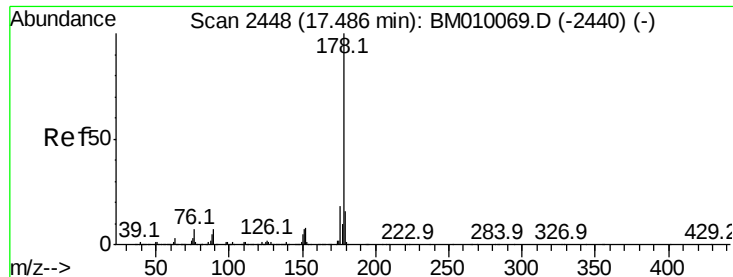
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.8	52.0	78.0
264	64.9	49.0	73.4



#70
 Phenanthrene
 Concen: 45.47 ng
 RT: 17.37 min Scan# 2429
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.2	22.8
179	15.0	12.1	18.1





#71

Anthracene

Concen: 46.88 ng

RT: 17.46 min Scan# 2444

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

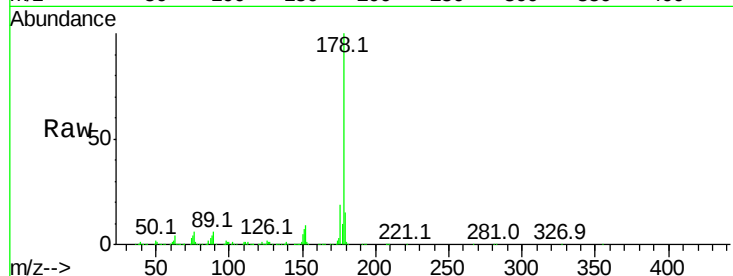
BNA_M

ClientSampleId :

PB99196BS

Tot Ion:178 Resp: 1766552

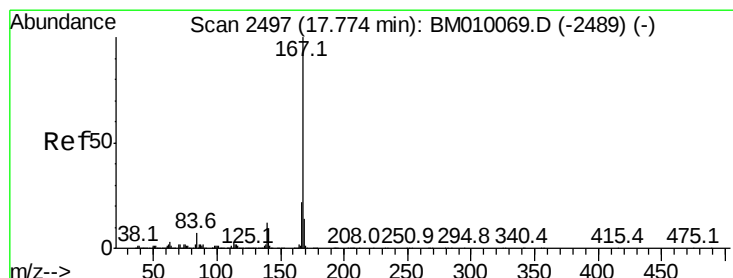
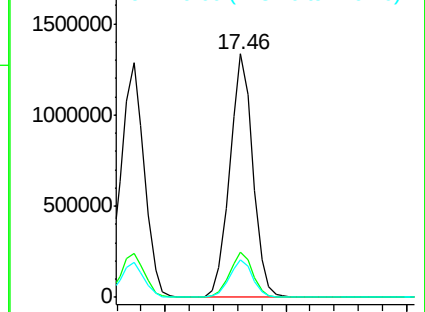
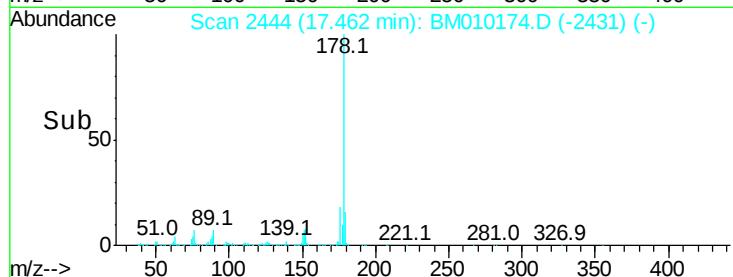
Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	15.2	12.6	19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 46.36 ng

RT: 17.75 min Scan# 2493

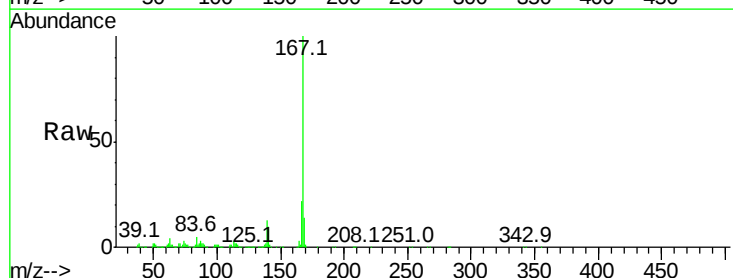
Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:167 Resp: 1546821

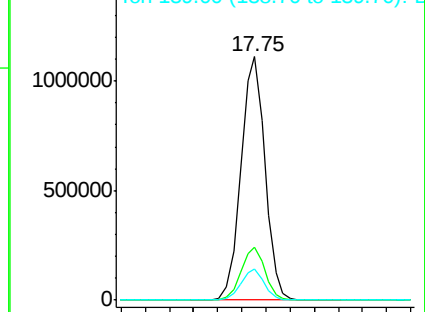
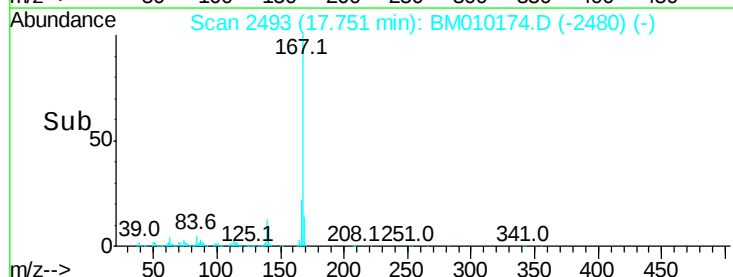
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.2	25.8
139	12.6	10.8	16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

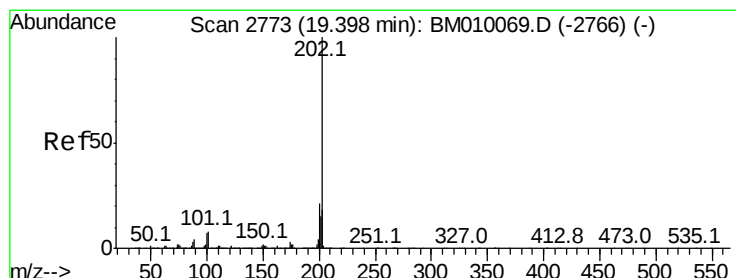
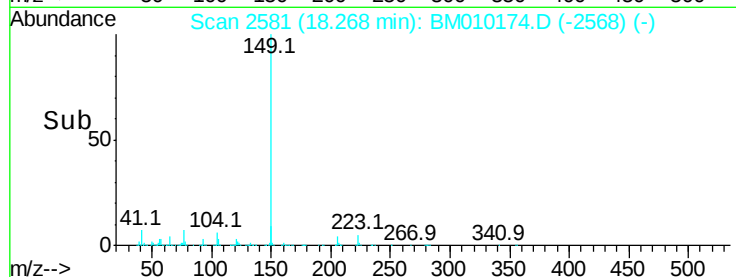
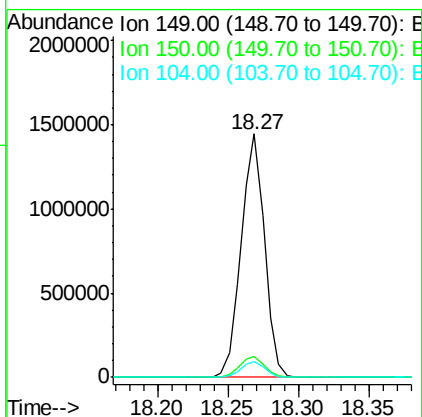
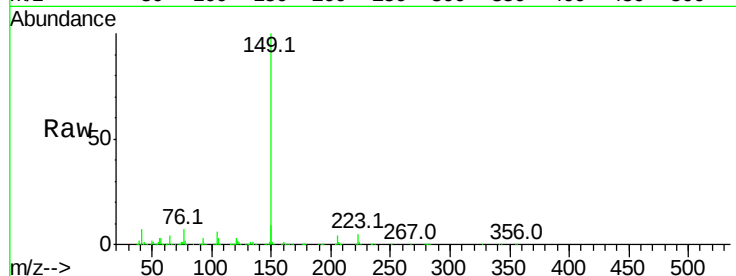




#73
Di-n-butylphthalate
Concen: 42.00 ng
RT: 18.27 min Scan# 2581
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

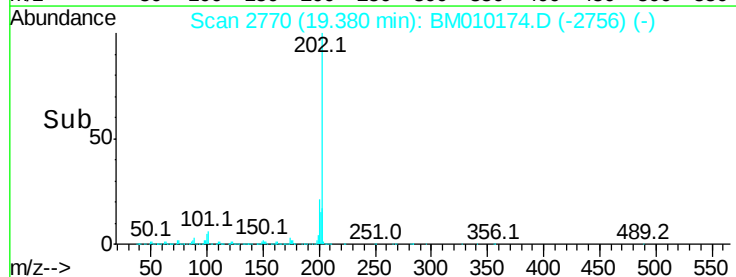
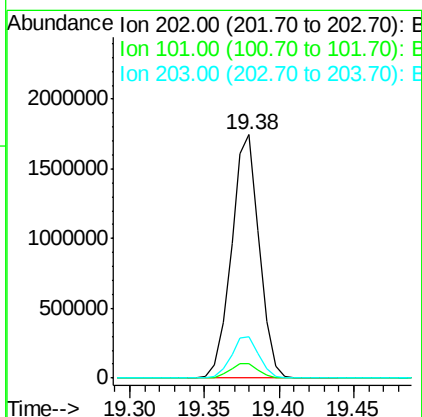
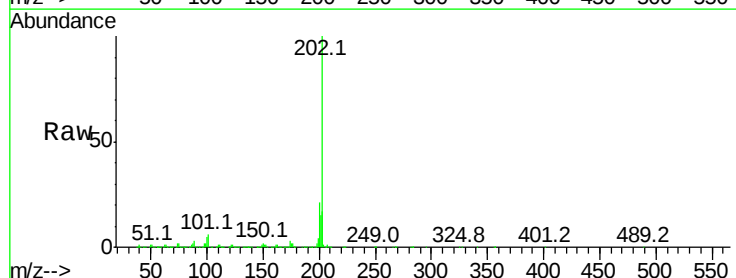
Instrument :
BNA_M
ClientSampleId :
PB99196BS

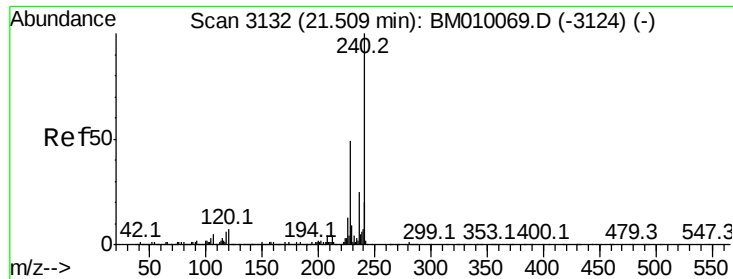
Tot Ion:149 Resp: 1661479
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 6.3 3.7 5.5#



#74
Fluoranthene
Concen: 45.86 ng
RT: 19.38 min Scan# 2770
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion:202 Resp: 2261256
Ion Ratio Lower Upper
202 100
101 6.1 0.0 28.7
203 17.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

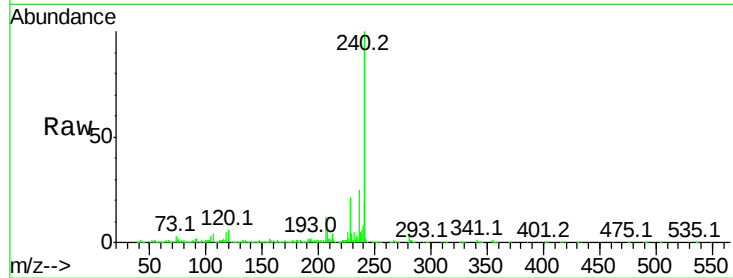
Tot Ion:240 Resp: 1088412

Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	25.3	20.0	30.0

240 100

120 5.5 8.2 12.2#

236 25.3 20.0 30.0

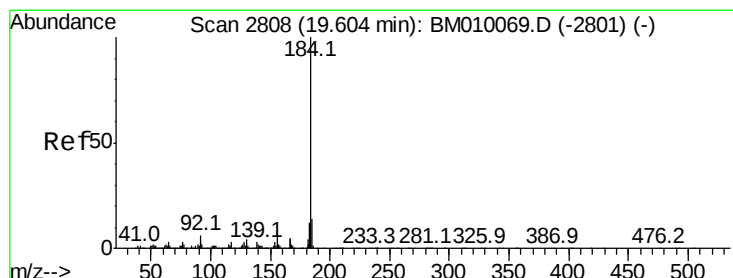
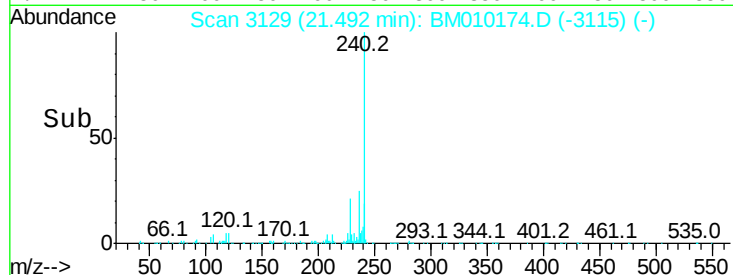
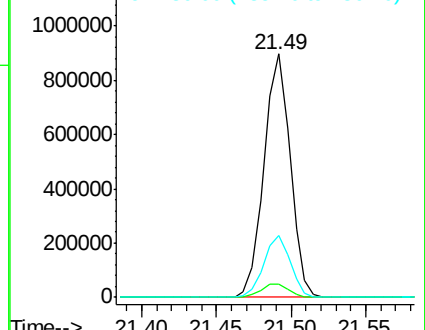


Abundance

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: 75.85 ng

RT: 19.58 min Scan# 2804

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

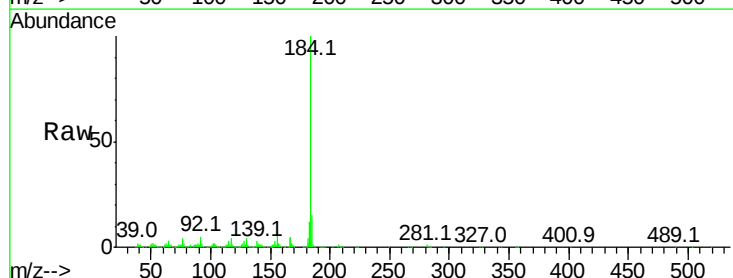
Tgt Ion:184 Resp: 1522697

Ion	Ratio	Lower	Upper
184	100		
185	14.6	11.3	16.9
183	11.8	8.9	13.3

184 100

185 14.6 11.3 16.9

183 11.8 8.9 13.3

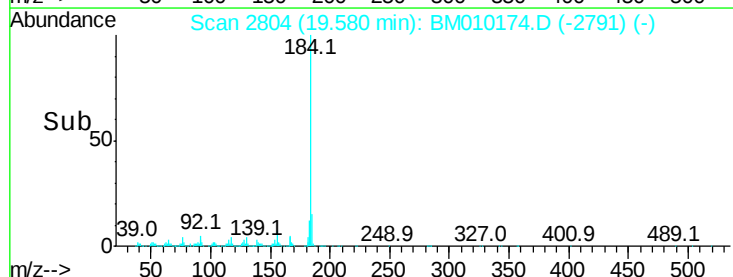
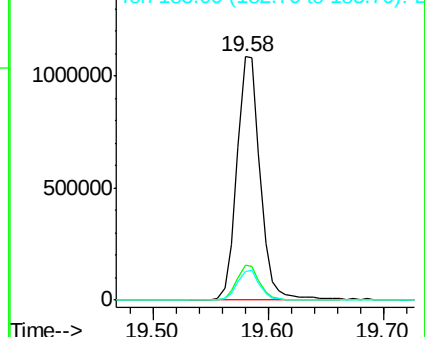


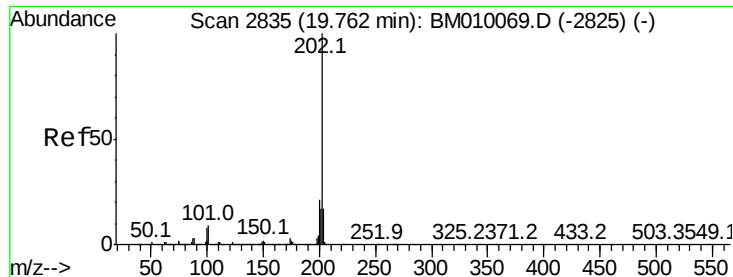
Abundance

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

Pvrene

Concen: 40.48 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

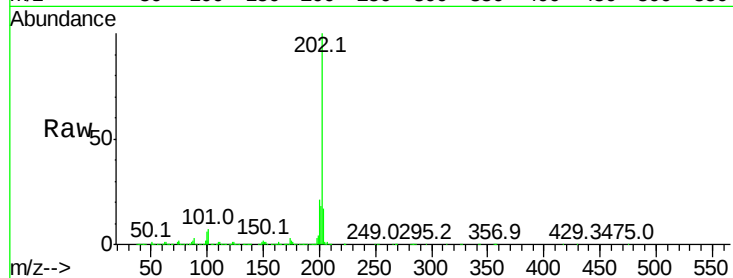
BNA_M

ClientSampleId :

PB99196BS

Tot Ion:202 Resp: 2361952

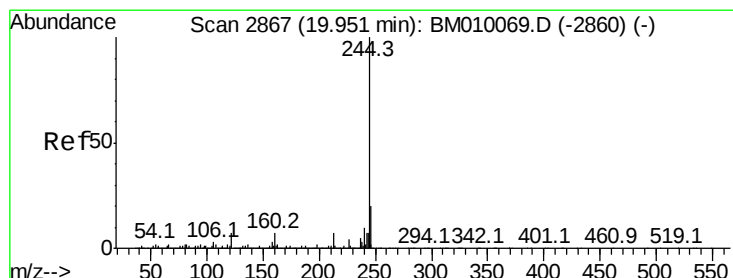
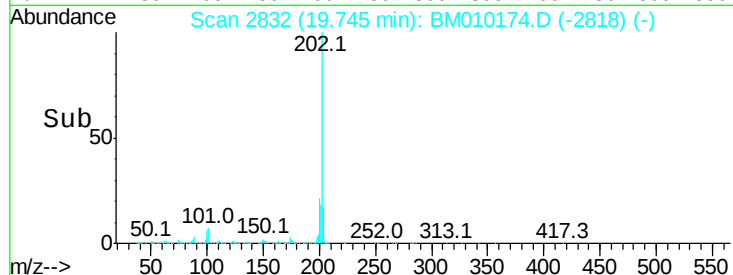
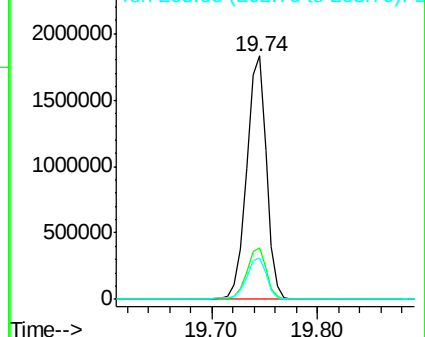
Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.0	14.1	21.1



Abundance Ion 202.00 (201.70 to 202.70): E

2500000 Ion 200.00 (199.70 to 200.70): E

2000000 Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 82.02 ng

RT: 19.93 min Scan# 2864

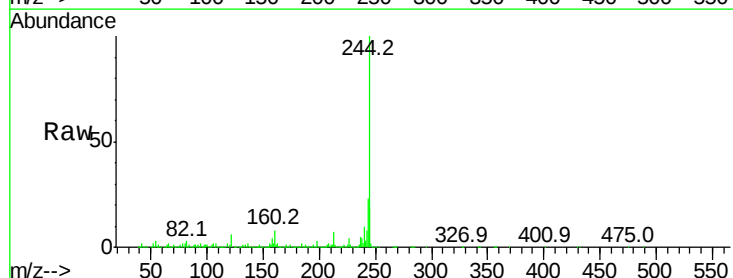
Delta R.T. -0.02 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:244 Resp: 3925851

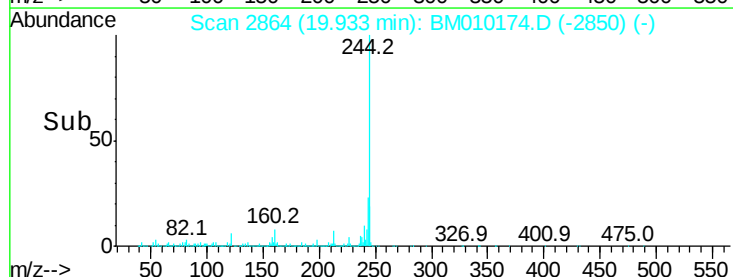
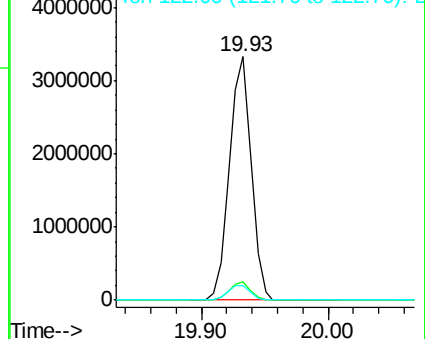
Ion	Ratio	Lower	Upper
244	100		
212	7.4	4.9	7.3#
122	6.0	6.2	9.4#

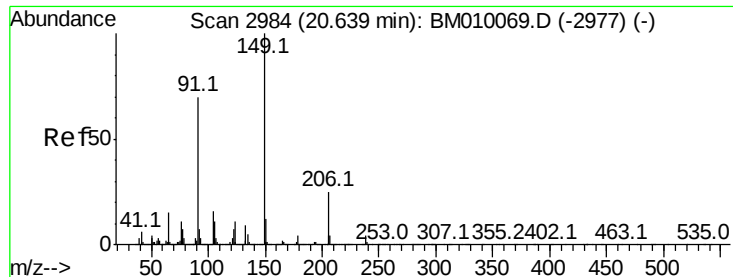


Abundance Ion 244.00 (243.70 to 244.70): E

4000000 Ion 212.00 (211.70 to 212.70): E

3000000 Ion 122.00 (121.70 to 122.70): E

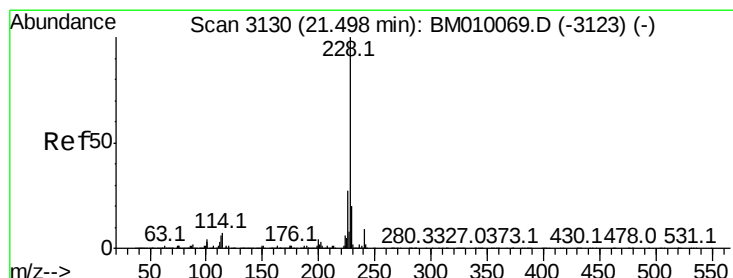
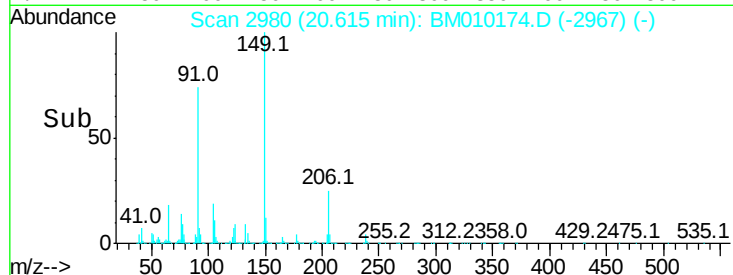
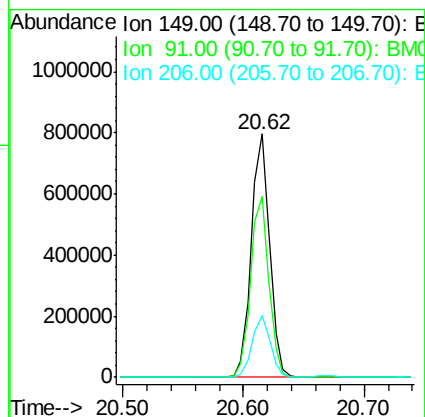
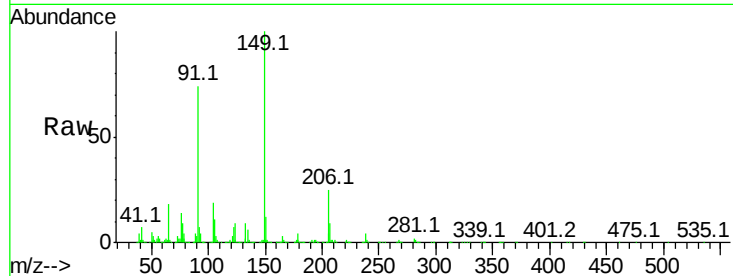




#79
Butylbenzylphthalate
Concen: 39.23 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

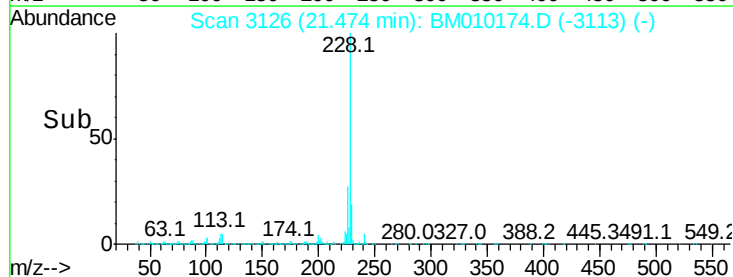
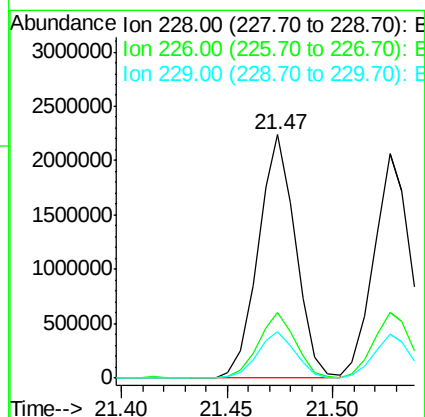
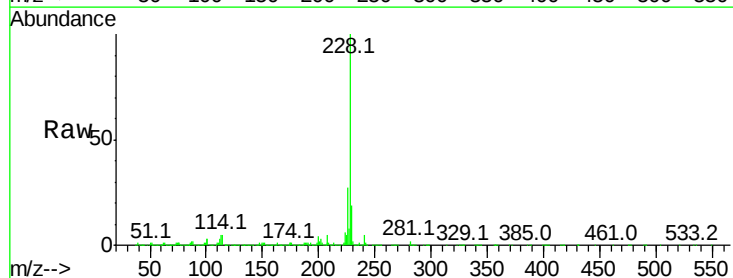
Instrument :
BNA_M
ClientSampled :
PB99196BS

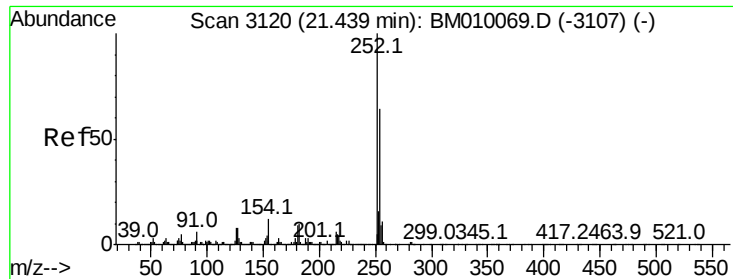
Tot Ion:149 Resp: 847477
Ion Ratio Lower Upper
149 100
91 74.2 50.1 75.1
206 25.2 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 45.70 ng
RT: 21.47 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion:228 Resp: 2741031
Ion Ratio Lower Upper
228 100
226 26.9 21.7 32.5
229 19.2 16.0 24.0

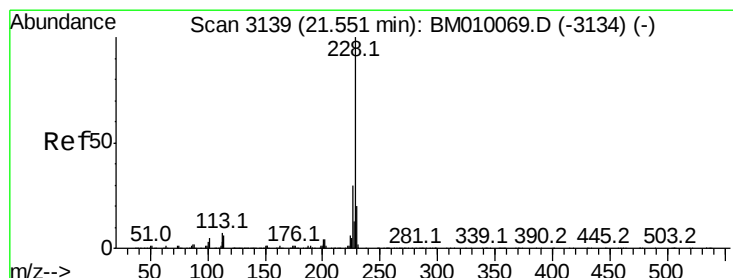
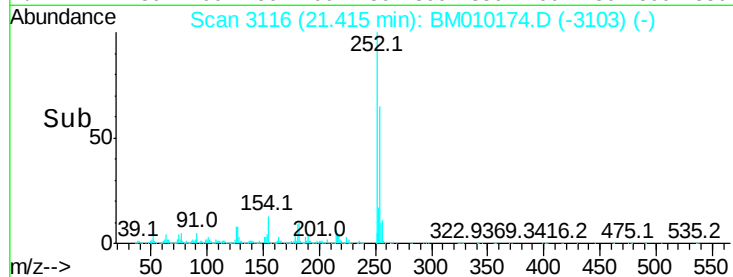
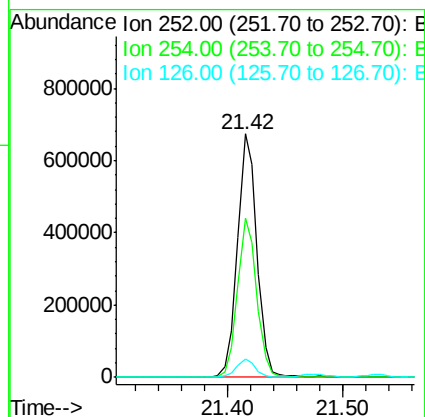
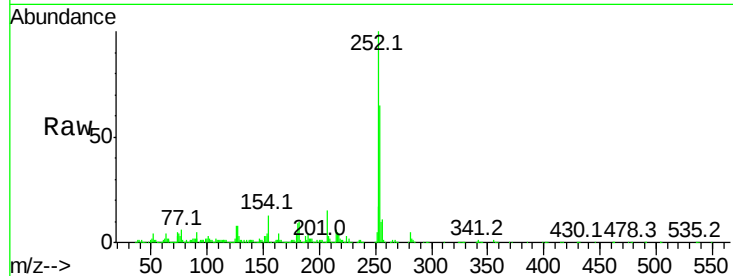




#81
 3,3'-Dichlorobenzidine
 Concen: 32.47 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

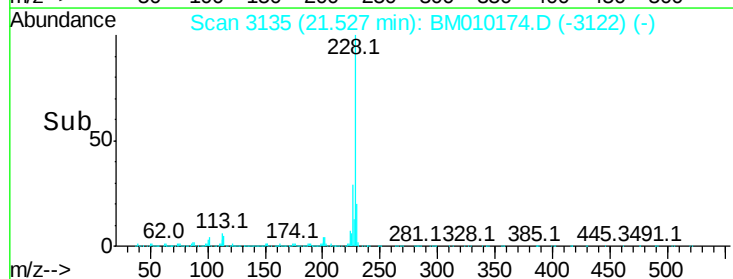
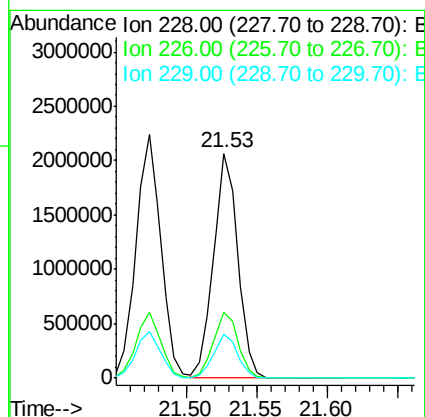
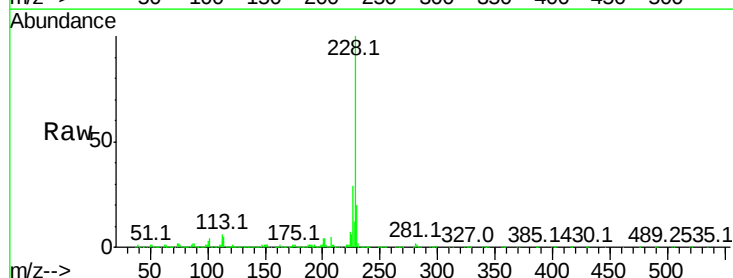
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

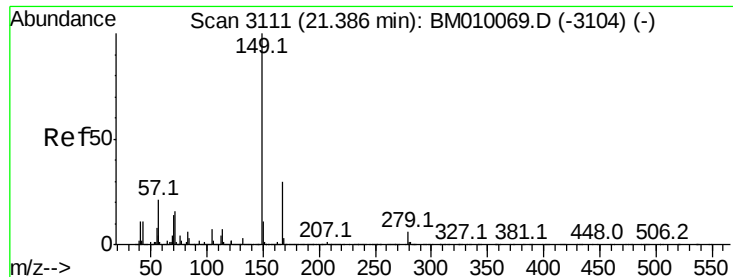
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.2	51.9	77.9
126	7.6	9.8	14.8#



#82
 Chrysene
 Concen: 43.30 ng
 RT: 21.53 min Scan# 3135
 Delta R.T. -0.02 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	19.8	15.5	23.3

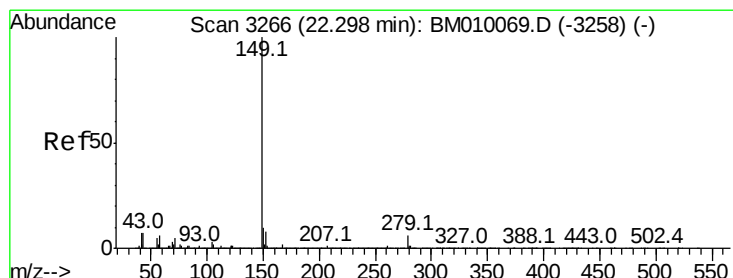
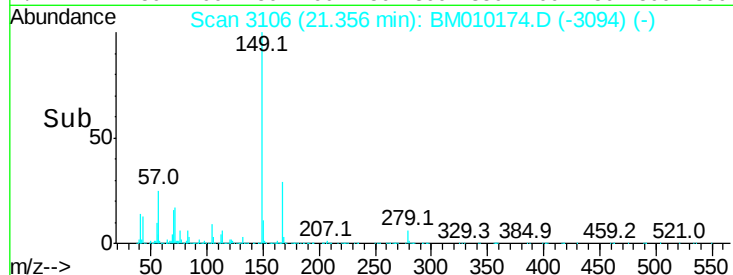
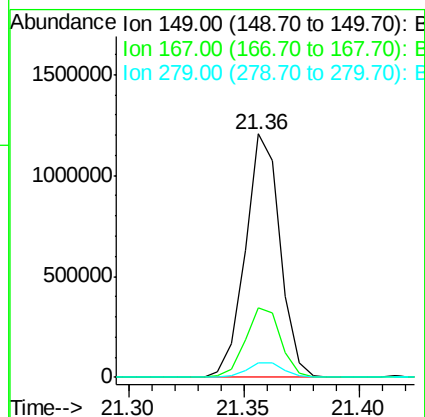
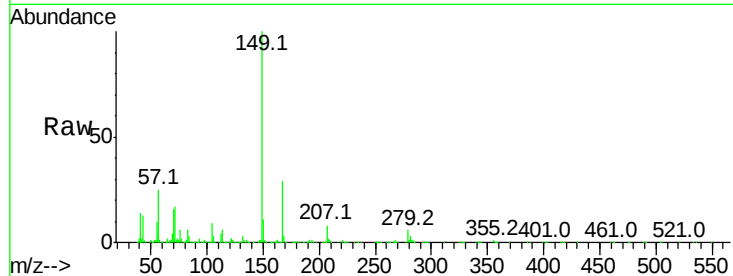




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.10 ng
 RT: 21.36 min Scan# 3106
 Delta R.T. -0.03 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

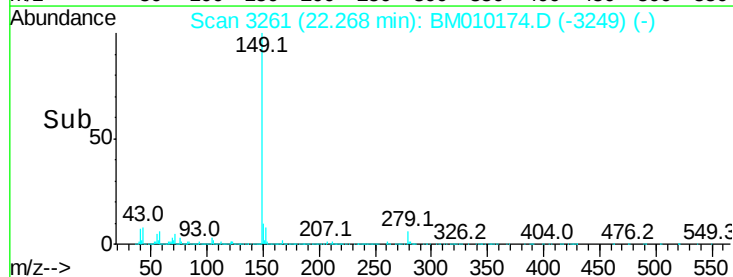
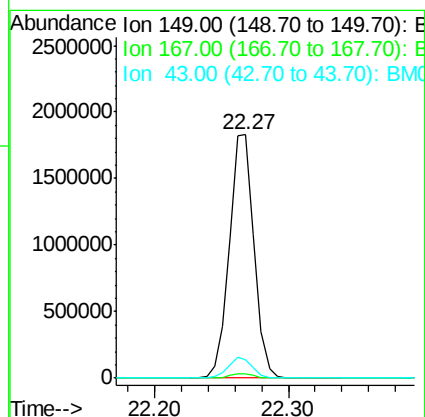
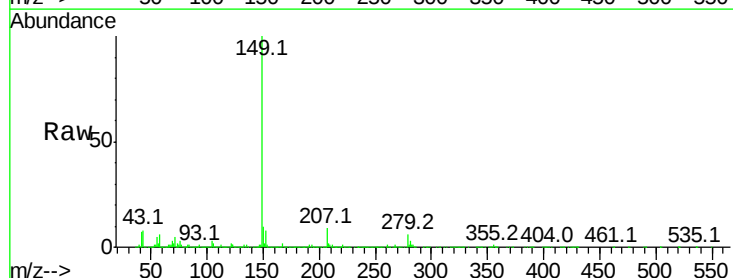
Instrument :
 BNA_M
 ClientSampleId :
 PB99196BS

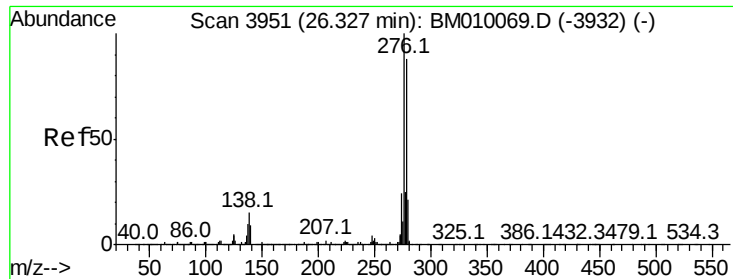
Tot Ion:149 Resp: 1263103
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.4 33.6
 279 6.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 40.85 ng
 RT: 22.27 min Scan# 3261
 Delta R.T. -0.03 min
 Lab File: BM010174.D
 Acq: 24 May 2017 11:15

Tgt Ion:149 Resp: 2362335
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.2 7.3 10.9

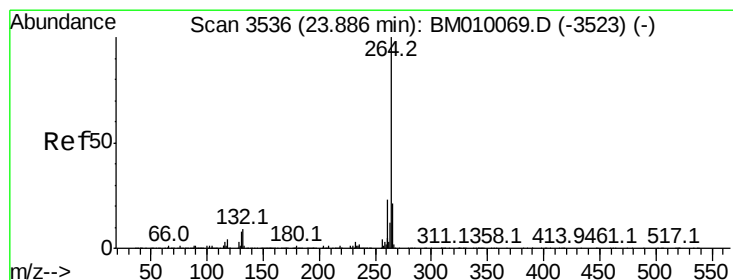
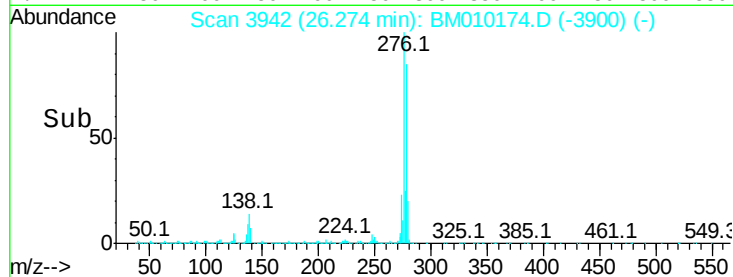
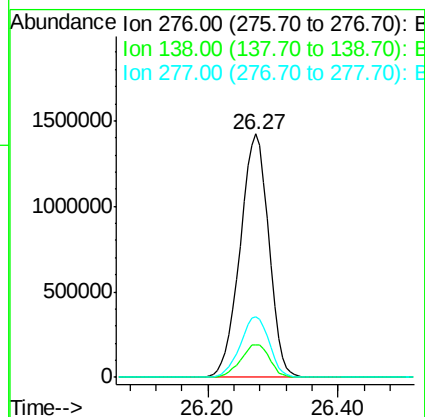
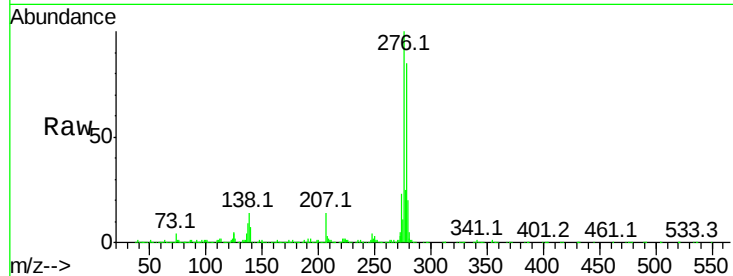




#85
Indeno(1,2,3-cd)pyrene
Concen: 52.06 ng
RT: 26.27 min Scan# 3942
Delta R.T. -0.05 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

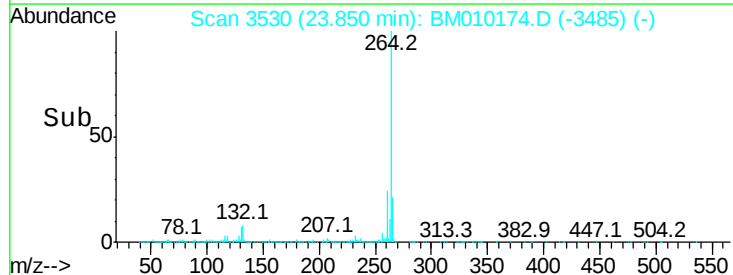
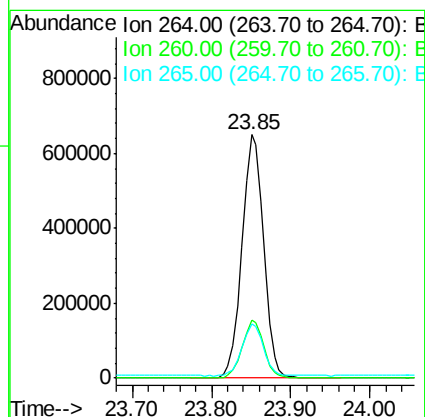
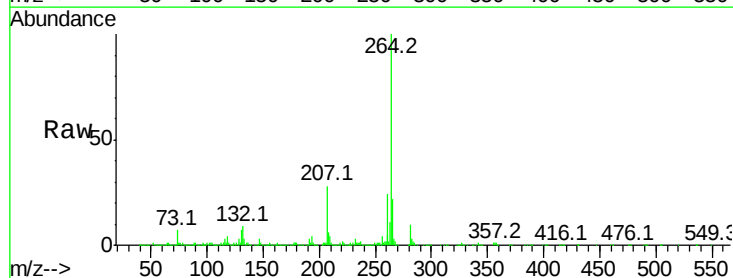
Instrument :
BNA_M
ClientSampleId :
PB99196BS

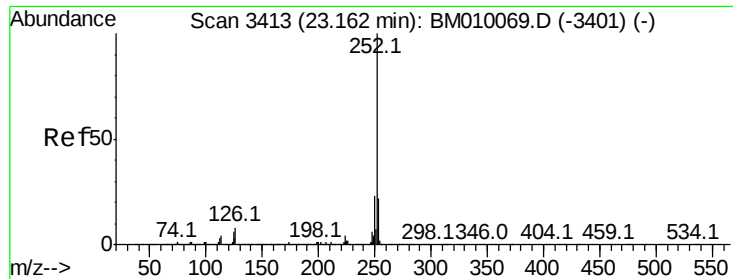
Tot Ion:276 Resp: 4343480
Ion Ratio Lower Upper
276 100
138 13.5 0.0 0.0#
277 25.2 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.85 min Scan# 3530
Delta R.T. -0.04 min
Lab File: BM010174.D
Acq: 24 May 2017 11:15

Tgt Ion:264 Resp: 1229141
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.1 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 46.77 ng

RT: 23.13 min Scan# 3408

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

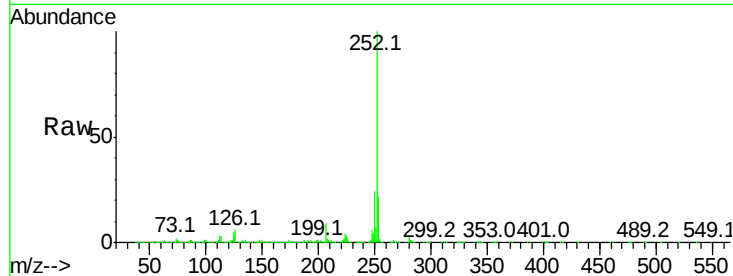
Tot Ion:252 Resp: 3364307

Ion Ratio Lower Upper

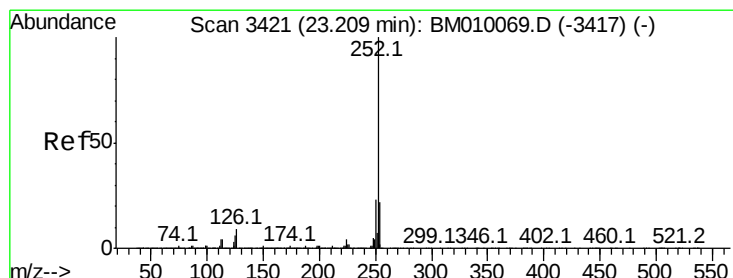
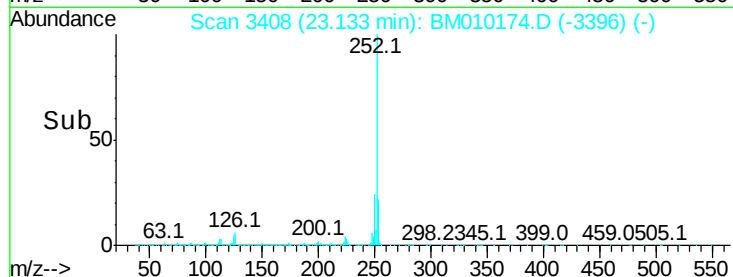
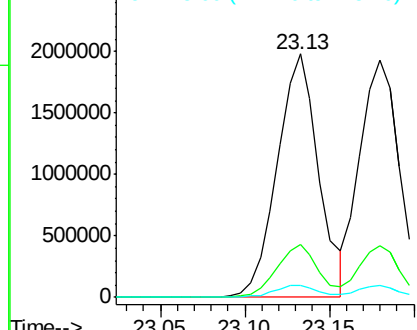
252 100

253 22.0 18.0 27.0

125 5.0 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: 44.26 ng

RT: 23.18 min Scan# 3416

Delta R.T. -0.03 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

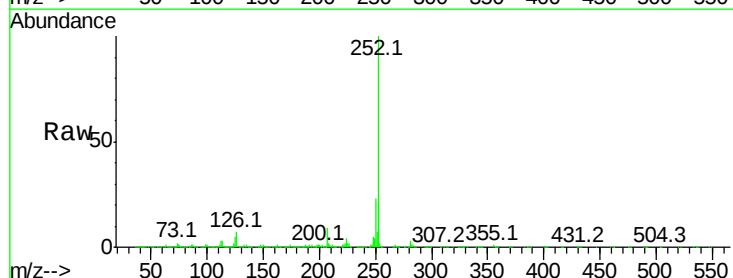
Tgt Ion:252 Resp: 3119209

Ion Ratio Lower Upper

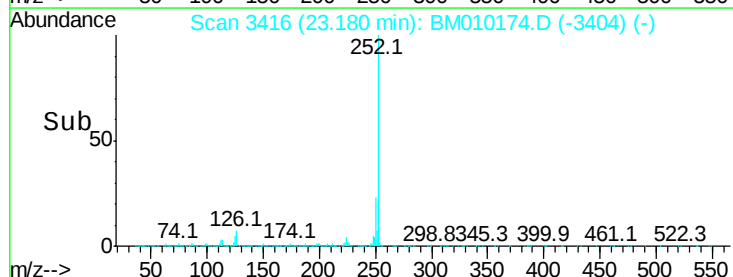
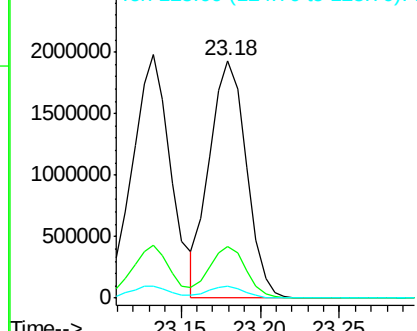
252 100

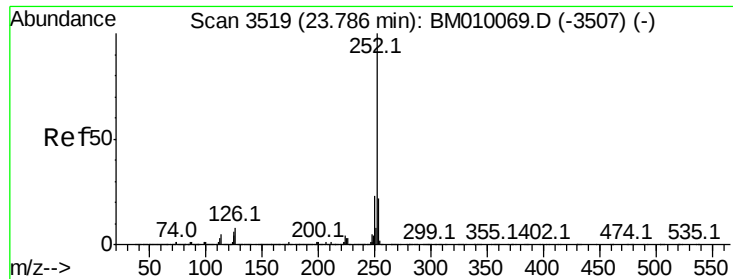
253 21.8 17.2 25.8

125 5.0 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: 46.77 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.04 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

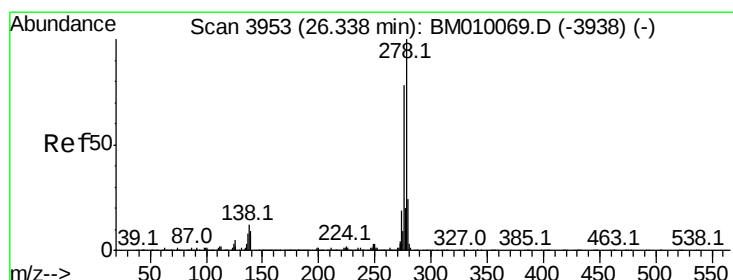
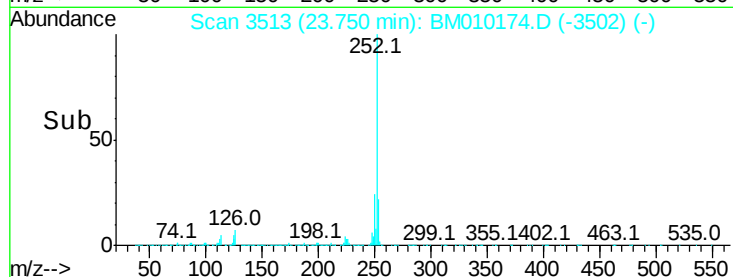
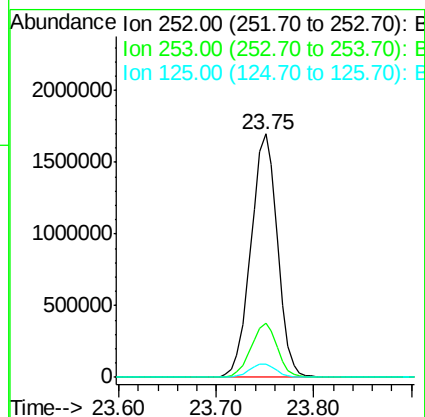
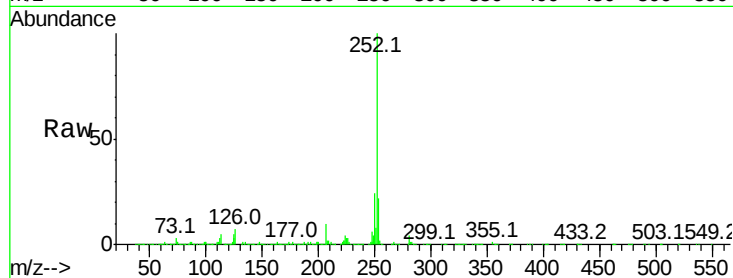
BNA_M

ClientSampleId :

PB99196BS

Tot Ion:252 Resp: 3206212

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	5.5	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 48.08 ng

RT: 26.28 min Scan# 3943

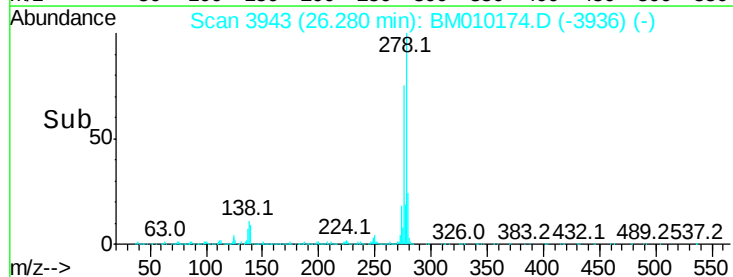
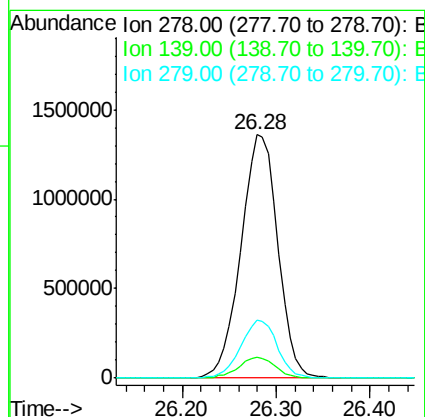
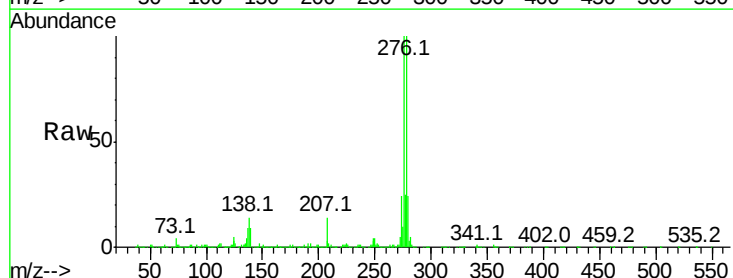
Delta R.T. -0.06 min

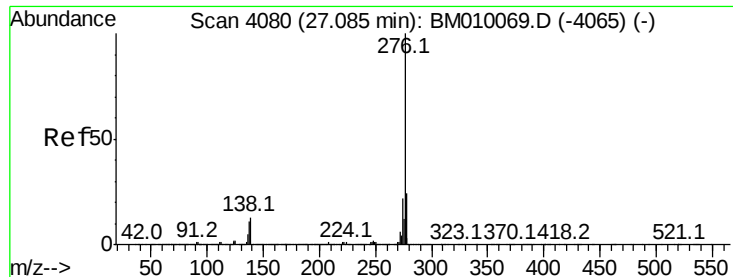
Lab File: BM010174.D

Acq: 24 May 2017 11:15

Tgt Ion:278 Resp: 3685206

Ion	Ratio	Lower	Upper
278	100		
139	8.5	13.4	20.0#
279	23.9	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 47.36 ng

RT: 27.03 min Scan# 4070

Delta R.T. -0.06 min

Lab File: BM010174.D

Acq: 24 May 2017 11:15

Instrument :

BNA_M

ClientSampleId :

PB99196BS

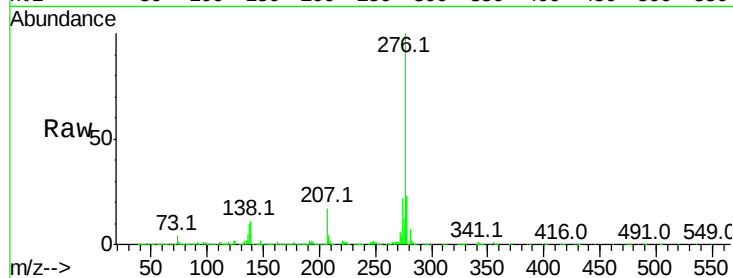
Tot Ion:276 Resp: 3557108

Ion Ratio Lower Upper

276 100

277 23.2 18.5 27.7

138 11.2 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

