

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010087.D
 Acq On : 20 May 2017 02:02
 Operator : SJ/MA
 Sample : I3202-23
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:05:48 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 19 14:14:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	174783	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	576178	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	348036	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	881710	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1428600	20.00	ng	0.00
86) Perylene-d12	23.87	264	1644944	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1382800	142.87	ng	0.00
7) Phenol-d6	7.16	99	1602541	128.67	ng	0.00
23) Nitrobenzene-d5	9.16	82	1115234	104.43	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	845350	159.92	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2841159	104.95	ng	-0.01
78) Terphenyl-d14	19.94	244	5687277	90.52	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.45	88	258	0.06	ng	# 100
3) Pyridine	3.90	79	119	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.78	42	368	0.09	ng	# 1
6) Aniline	7.33	93	942	0.06	ng	# 33
8) 2-Chlorophenol	7.54	128	304	0.03	ng	# 1
9) Benzaldehyde	7.16	77	4037	0.52	ng	# 2
10) Phenol	7.19	94	414	0.03	ng	# 1
11) bis(2-Chloroethyl)ether	7.33	93	942	0.10	ng	# 23
14) 1,2-Dichlorobenzene	8.32	146	162	0.01	ng	# 1
15) Benzyl Alcohol	8.29	79	22120	2.35	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	8.50	45	729	0.08	ng	# 66
22) Acetophenone	8.82	105	756	0.05	ng	# 65
24) Nitrobenzene	9.19	77	410	0.04	ng	# 42
25) Isophorone	9.71	82	303	0.02	ng	# 62
31) Naphthalene	10.83	128	36694	1.19	ng	# 96
37) 2-Methylnaphthalene	12.43	142	7134	0.32	ng	# 86
45) 1,1'-Biphenyl	13.44	154	4398	0.15	ng	# 85
46) 2-Chloronaphthalene	13.48	162	111	0.00	ng	# 41
47) 2-Nitroaniline	13.79	65	120	0.02	ng	# 1
48) Acenaphthylene	14.33	152	1579	0.05	ng	# 63
49) Dimethylphthalate	14.06	163	107	0.00	ng	# 77
51) Acenaphthene	14.67	154	10591	0.50	ng	# 90
54) Dibenzofuran	15.00	168	8121	0.24	ng	# 91
55) 4-Nitrophenol	15.00	139	2926	0.66	ng	# 18
57) Fluorene	15.64	166	8760	0.30	ng	# 63
59) Diethylphthalate	15.41	149	2159	0.07	ng	# 73
60) 4-Chlorophenyl-phenylether	15.63	204	121	0.01	ng	# 35
62) Azobenzene	15.92	77	531	0.02	ng	# 50
67) Hexachlorobenzene	16.63	284	119	0.01	ng	# 1
69) Pentachlorophenol	16.98	266	235	0.03	ng	# 19
70) Phenanthrene	17.39	178	24184	0.49	ng	# 88
71) Anthracene	17.47	178	2445	0.05	ng	# 67
72) Carbazole	17.76	167	5614	0.13	ng	# 83
73) Di-n-butylphthalate	18.28	149	4508	0.09	ng	# 78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

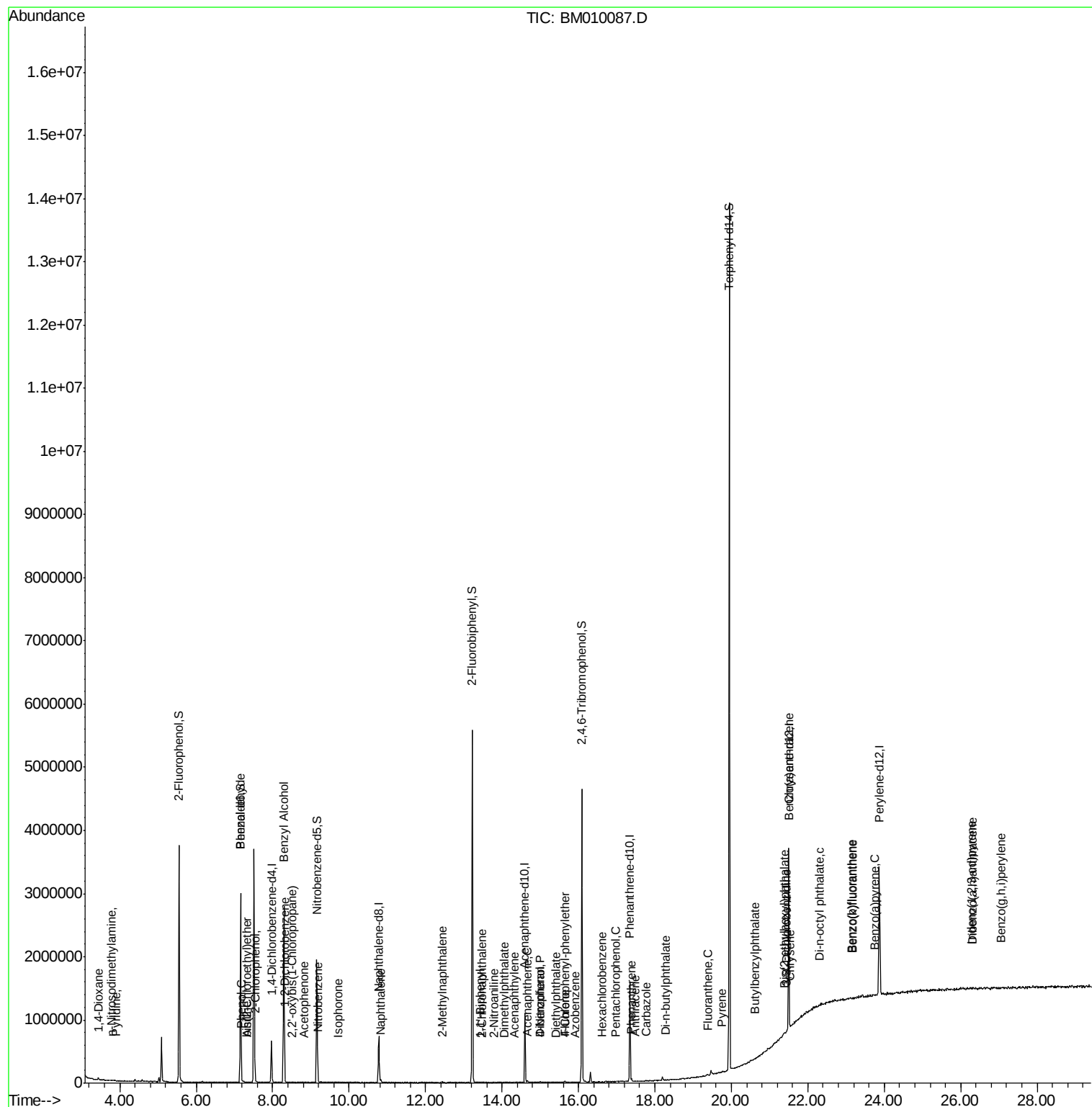
74) Fluoranthene	19.39	202	5271	0.08	nq	97
77) Pyrene	19.76	202	4195	0.05	nq	# 78
79) Butylbenzylphthalate	20.63	149	346	0.01	nq	# 81
80) Benzo(a)anthracene	21.49	228	5619	0.07	nq	# 60
81) 3,3'-Dichlorobenzidine	21.43	252	670	0.02	nq	# 72
82) Chrysene	21.54	228	1851	0.02	nq	# 77
83) Bis(2-ethylhexyl)phthalate	21.37	149	4352	0.10	nq	# 90
84) Di-n-octyl phthalate	22.31	149	2122	0.03	nq	# 20
85) Indeno(1,2,3-cd)pyrene	26.30	276	2740	0.03	nq	# 100
87) Benzo(b)fluoranthene	23.14	252	1845	0.02	nq	# 1
88) Benzo(k)fluoranthene	23.19	252	2194	0.02	nq	# 1
89) Benzo(a)pyrene	23.76	252	2173	0.02	nq	# 1
90) Dibenzo(a,h)anthracene	26.32	278	1736	0.02	nq	# 1
91) Benzo(q,h,i)perylene	27.06	276	2819	0.03	nq	# 47

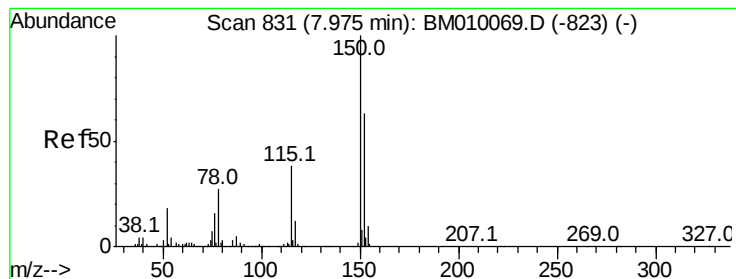
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

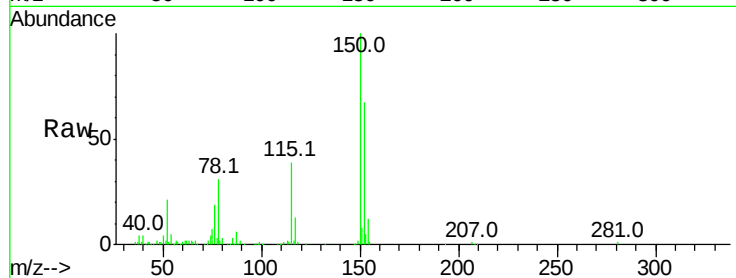
Tot Ion:152 Resp: 174783

Ion Ratio Lower Upper

152 100

150 149.3 119.5 179.3

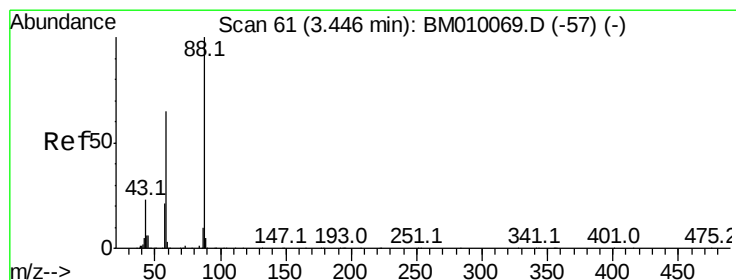
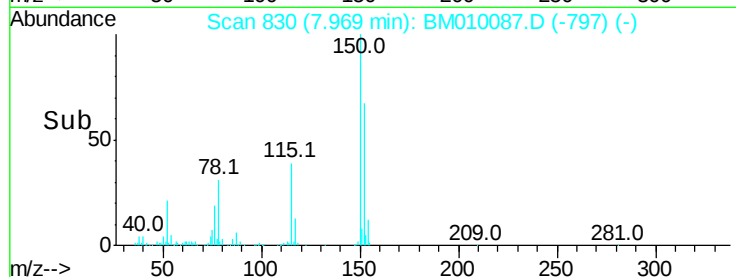
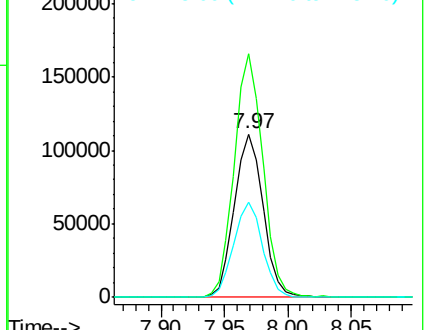
115 58.6 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.06 ng

RT: 3.45 min Scan# 61

Delta R.T. -0.00 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

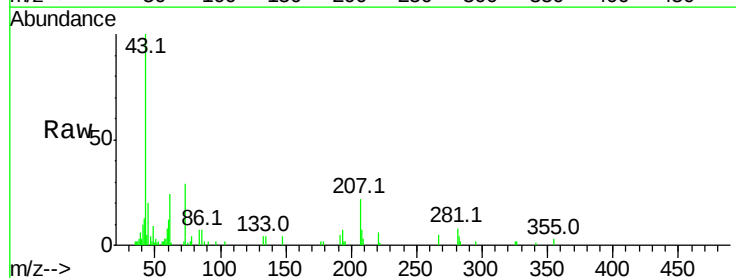
Tgt Ion: 88 Resp: 258

Ion Ratio Lower Upper

88 100

58 191.5 0.0 0.0#

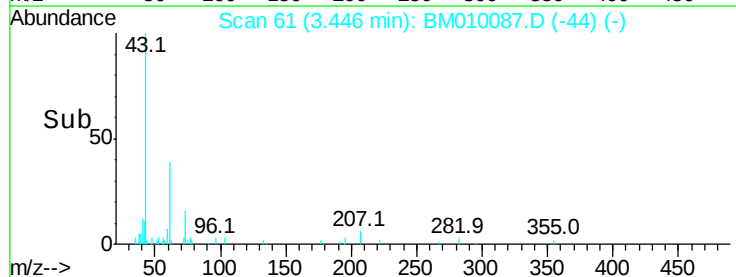
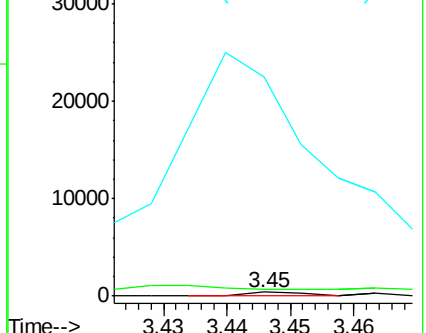
43 9400.0 0.0 0.0#

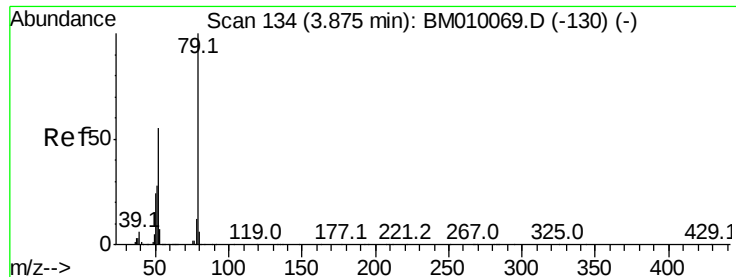


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.01 ng

RT: 3.90 min Scan# 138

Delta R.T. 0.02 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

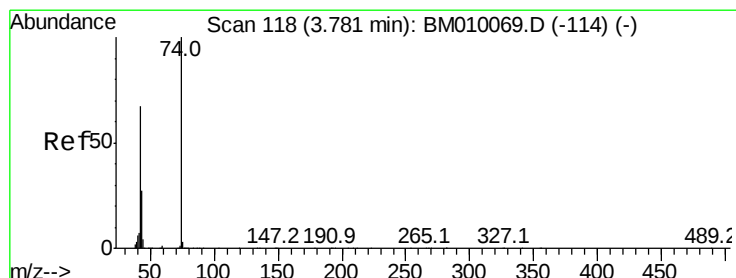
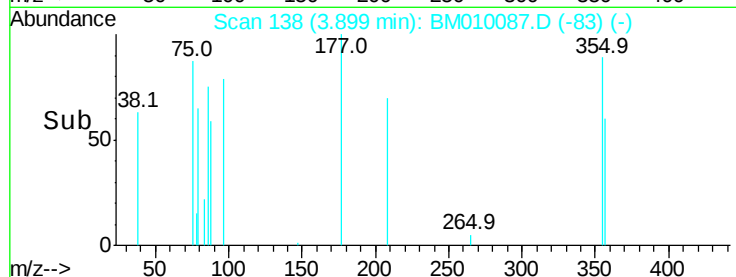
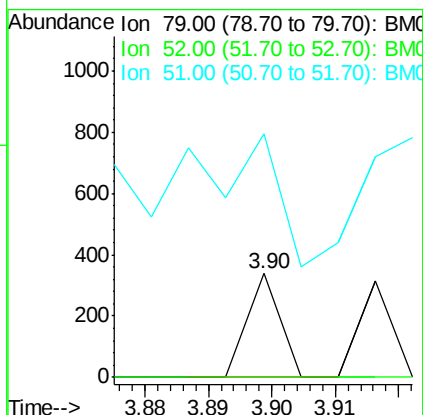
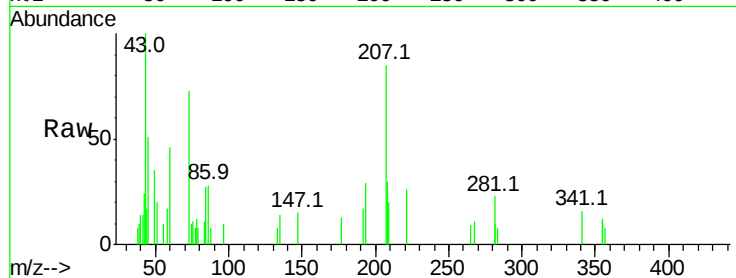
Tot Ion: 79 Resp: 119

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

51 235.2 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.09 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.00 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

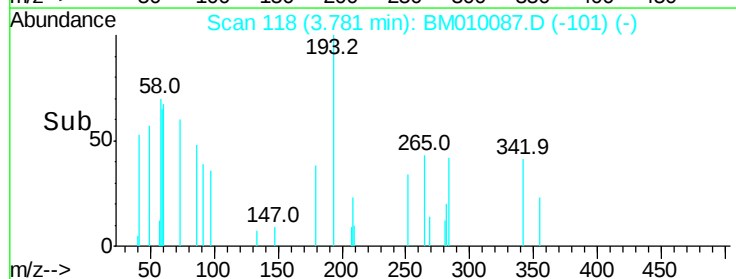
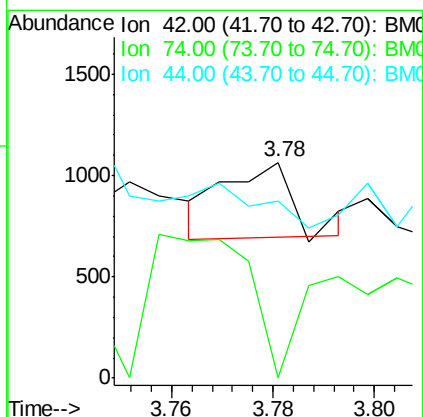
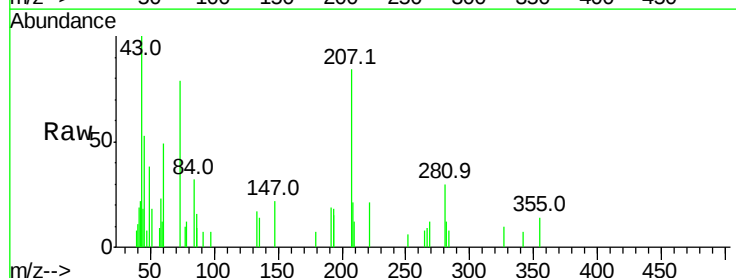
Tgt Ion: 42 Resp: 368

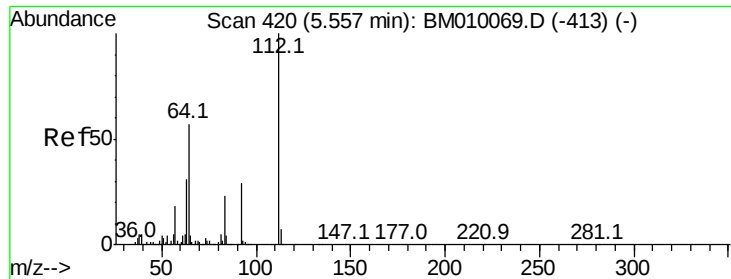
Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 82.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 142.87 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

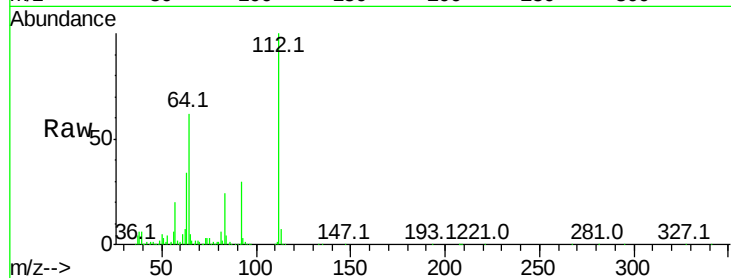
Tot Ion:112 Resp: 1382800

Ion Ratio Lower Upper

112 100

64 61.9 38.6 57.8#

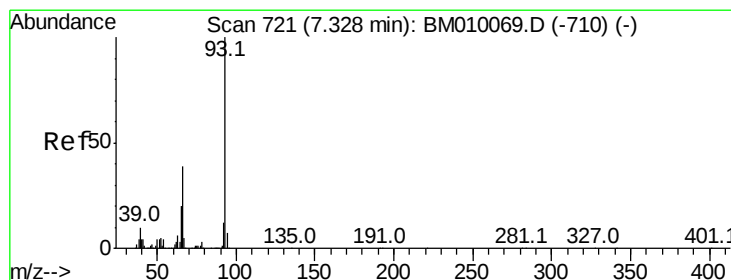
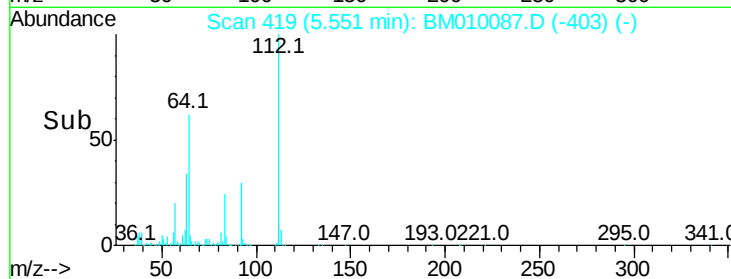
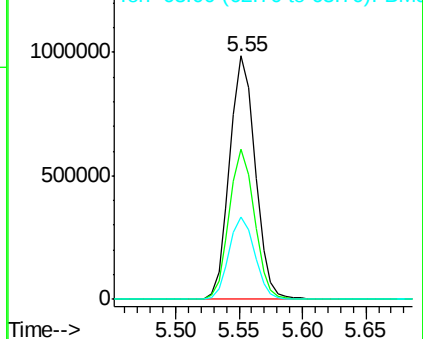
63 34.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 0.06 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

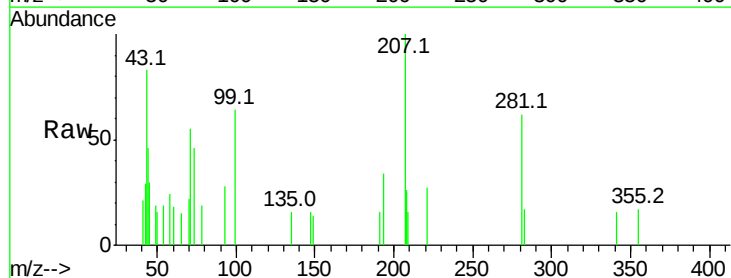
Tgt Ion: 93 Resp: 942

Ion Ratio Lower Upper

93 100

66 0.0 30.8 46.2#

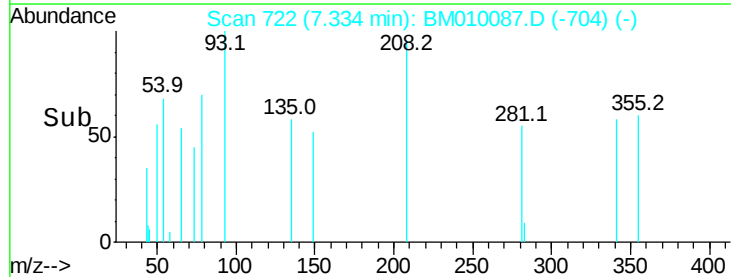
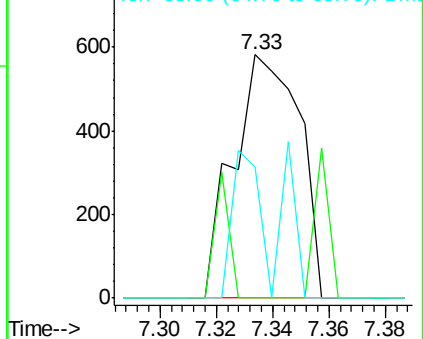
65 54.0 16.0 24.0#

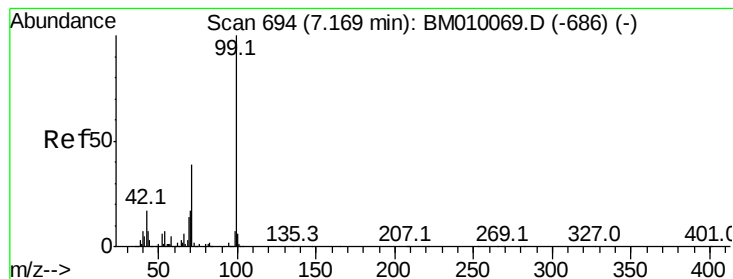


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.67 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

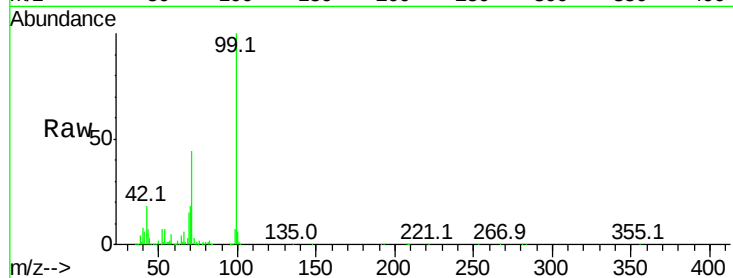
Tot Ion: 99 Resp: 1602541

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

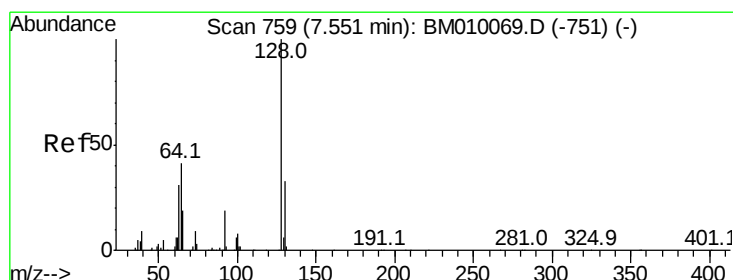
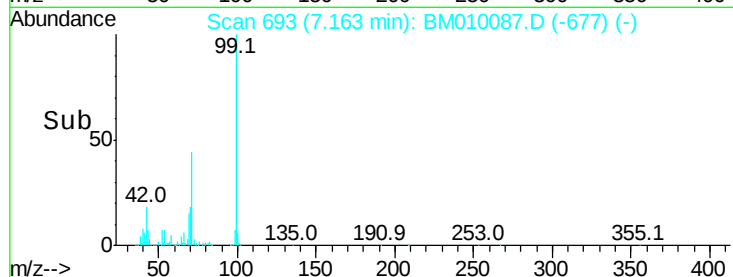
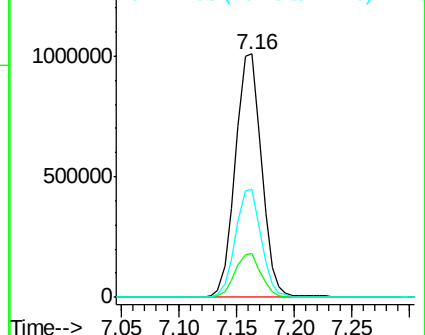
71 44.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010069.D (-686) (-)

Ion 42.00 (41.70 to 42.70): BM010069.D (-686) (-)

Ion 71.00 (70.70 to 71.70): BM010069.D (-686) (-)



#8

2-Chlorophenol

Concen: 0.03 ng

RT: 7.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

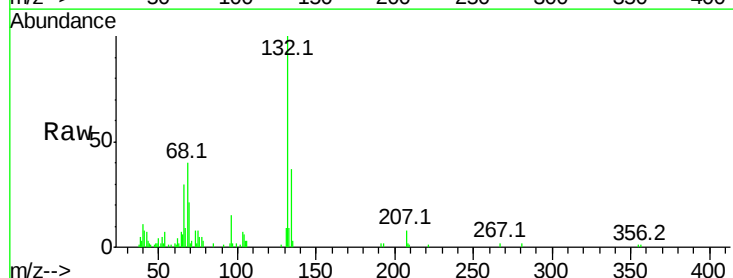
Tgt Ion: 128 Resp: 304

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

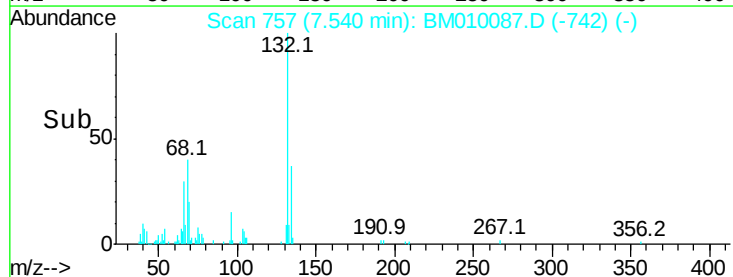
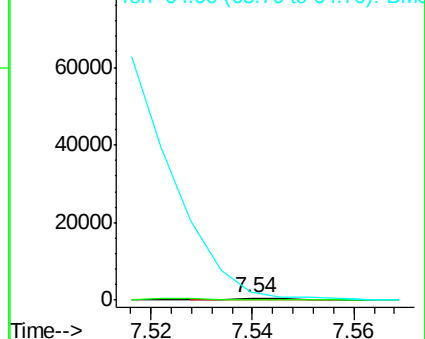
64 490.8 24.9 64.9#

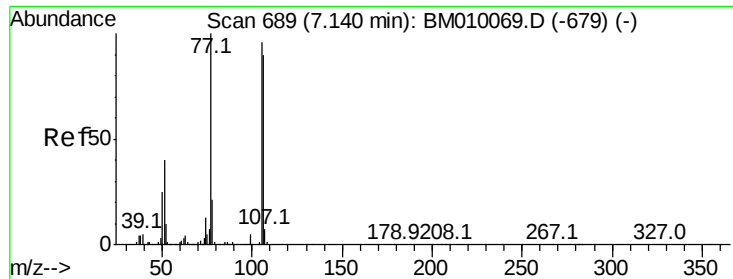


Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-751) (-)

Ion 130.00 (129.70 to 130.70): BM010069.D (-751) (-)

Ion 64.00 (63.70 to 64.70): BM010069.D (-751) (-)

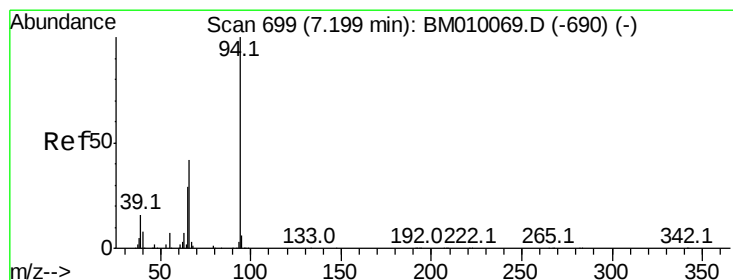
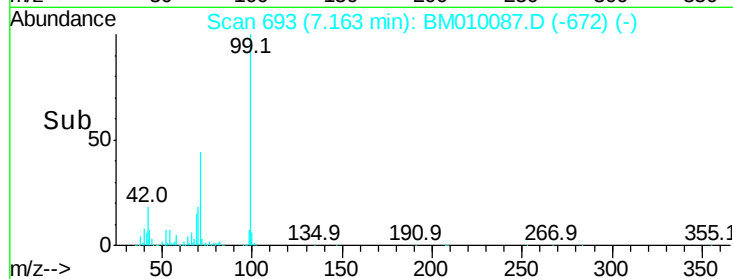
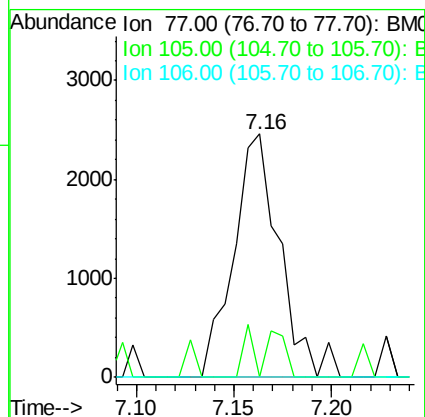
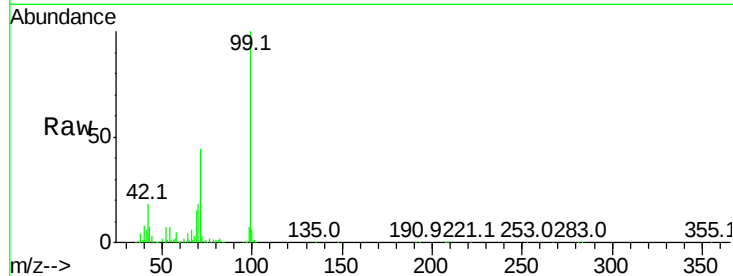




#9
Benzaldehyd
Concen: 0.52 ng
RT: 7.16 min Scan# 693
Delta R.T. 0.02 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

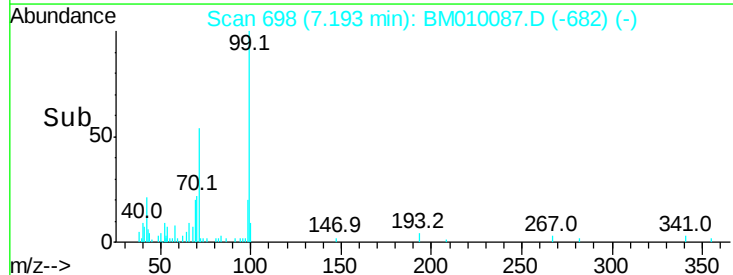
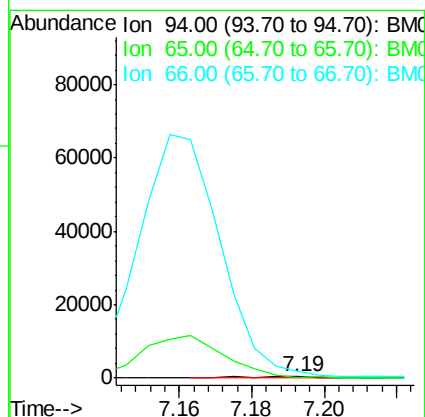
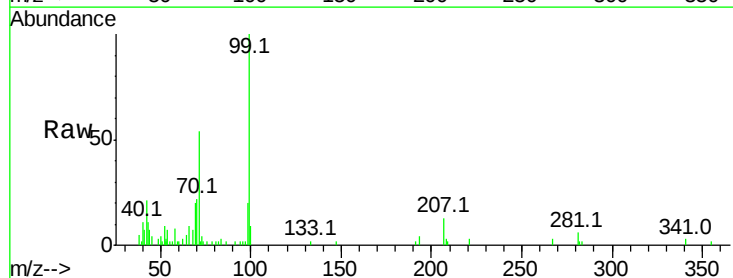
Instrument :
BNA_M
ClientSampleId :

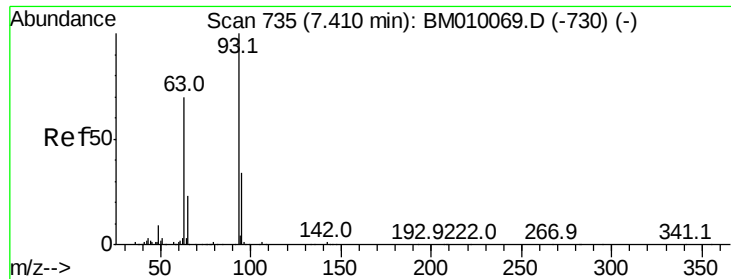
Tot Ion: 77 Resp: 4037
Ion Ratio Lower Upper
77 100
105 0.0 78.8 118.8#
106 0.0 73.7 113.7#



#10
Phenol
Concen: 0.03 ng
RT: 7.19 min Scan# 698
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion: 94 Resp: 414
Ion Ratio Lower Upper
94 100
65 0.0 18.8 58.8#
66 393.9 39.9 79.9#

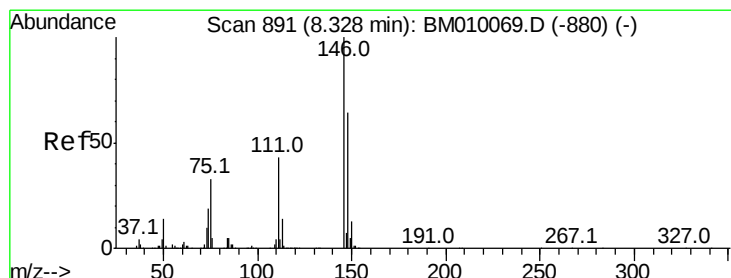
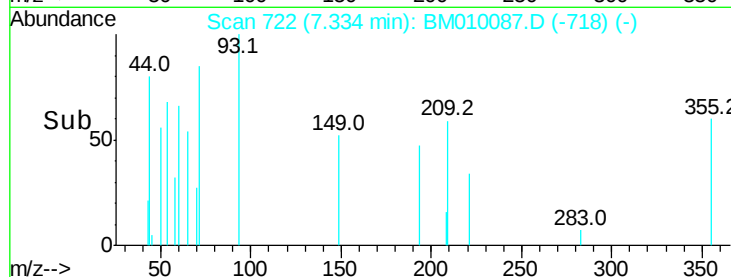
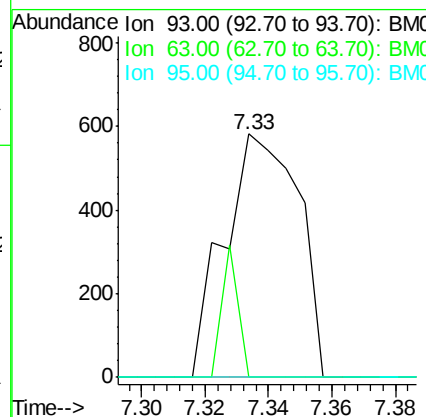
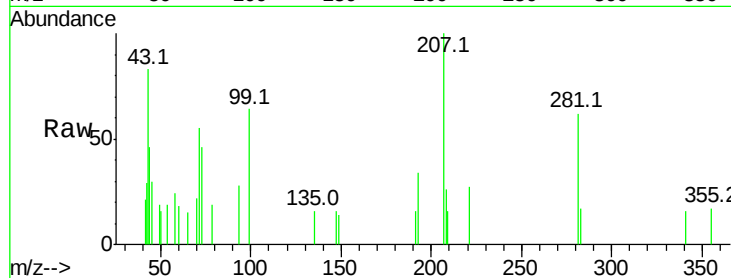




#11
bis(2-Chloroethyl)ether
Concen: 0.10 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.08 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

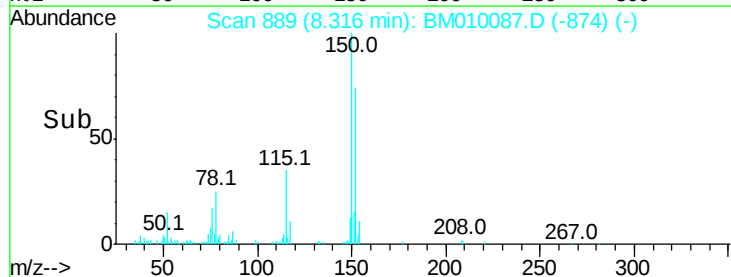
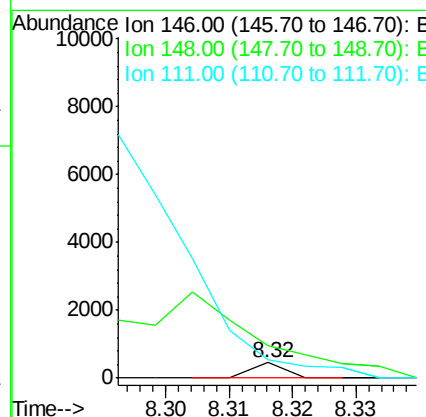
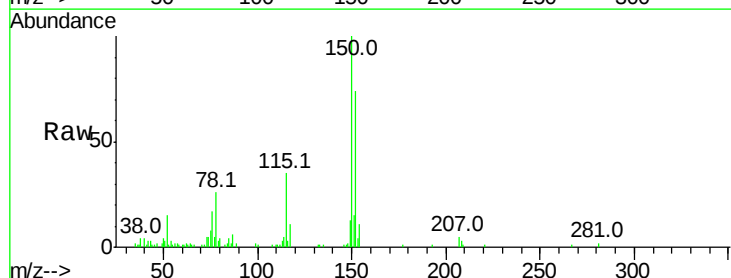
Instrument :
BNA_M
ClientSampled :

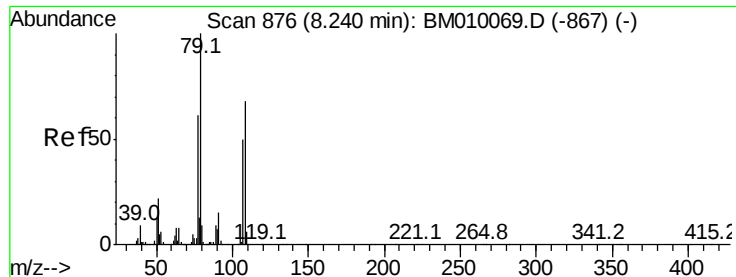
Tot Ion: 93 Resp: 942
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#



#14
1,2-Dichlorobenzene
Concen: 0.01 ng
RT: 8.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion: 146 Resp: 162
Ion Ratio Lower Upper
146 100
148 211.1 52.3 78.5#
111 116.7 30.6 45.8#





#15

Benzyl Alcohol

Concen: 2.35 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.05 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

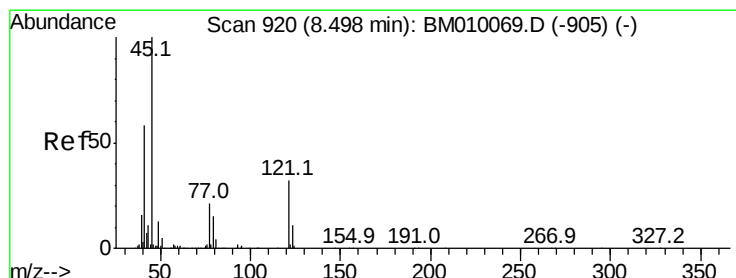
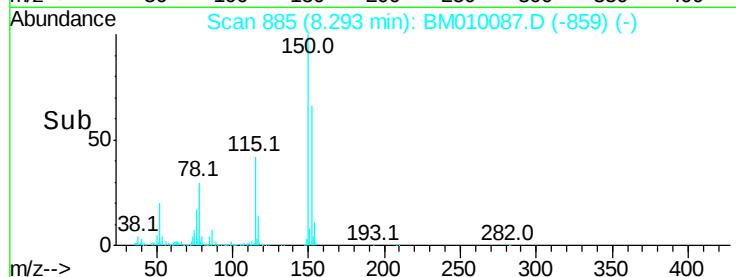
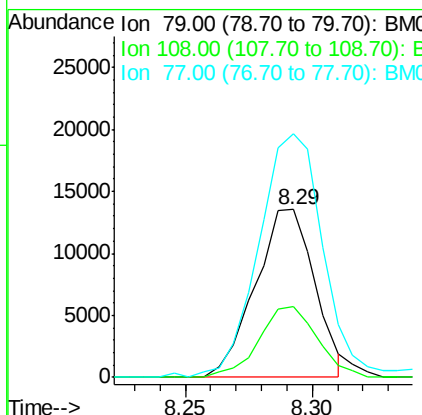
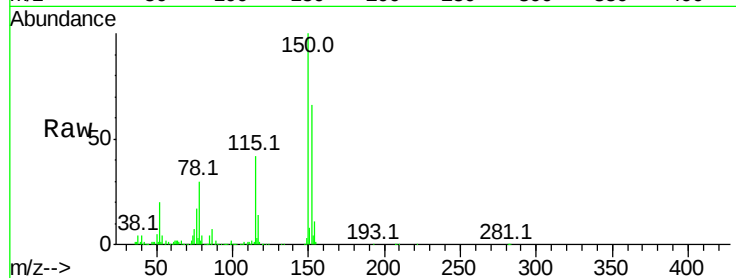
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 22120

Ion	Ratio	Lower	Upper
79	100		
108	42.3	65.0	97.4#
77	145.3	53.0	79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.08 ng

RT: 8.50 min Scan# 921

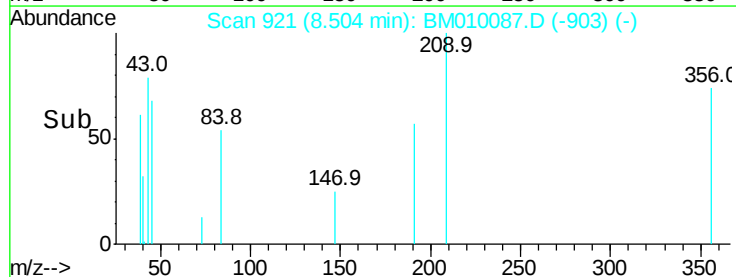
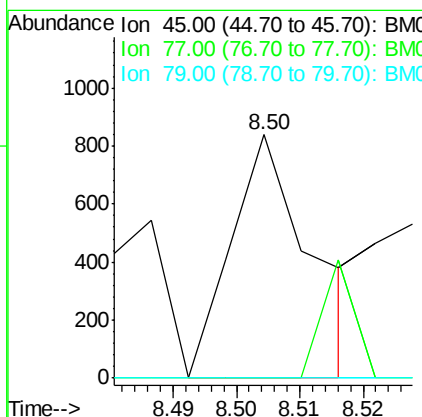
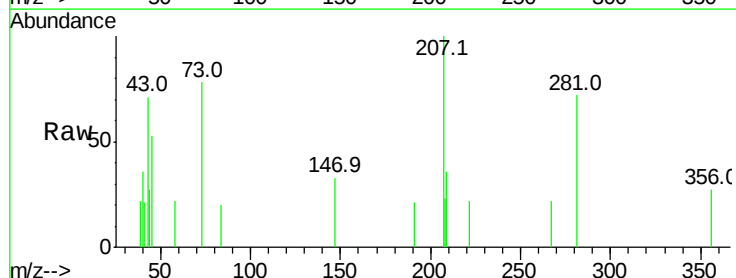
Delta R.T. 0.01 min

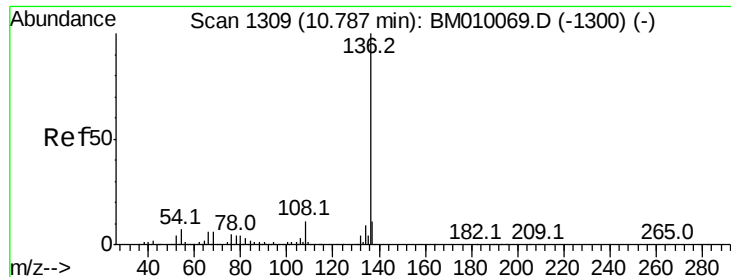
Lab File: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion: 45 Resp: 729

Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 576178

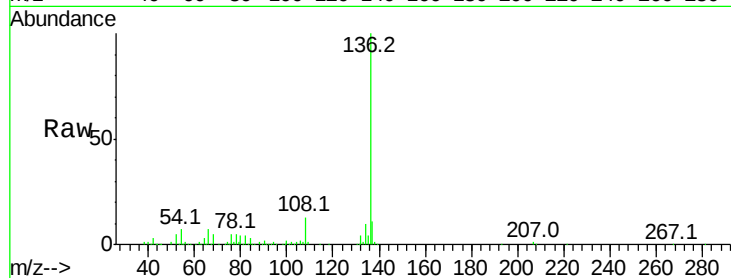
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.8 4.6 6.8

68 5.1 3.7 5.5

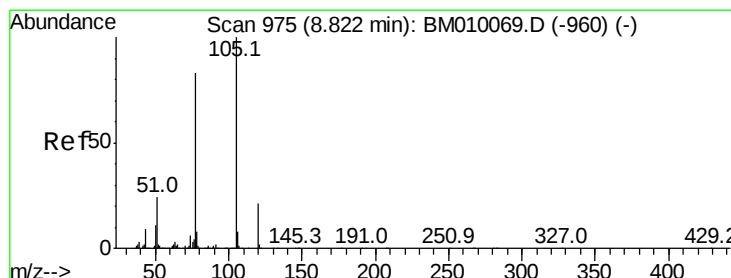
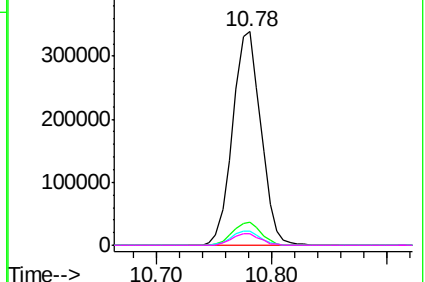
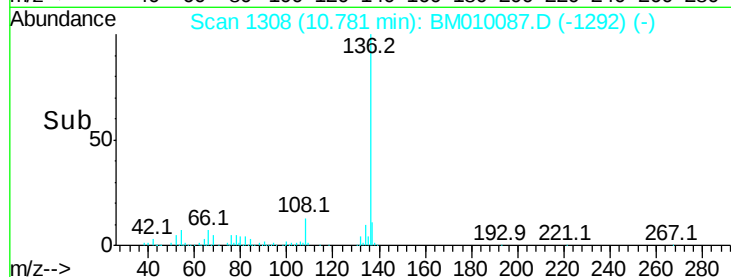


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.05 ng

RT: 8.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion:105 Resp: 756

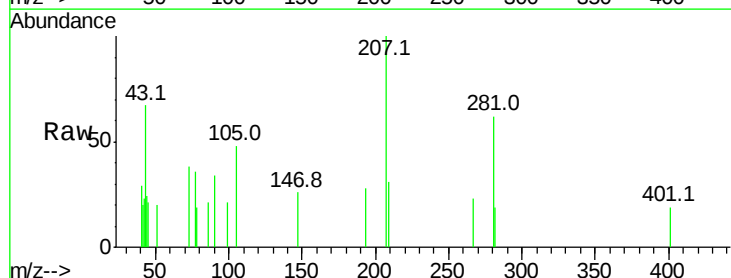
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 42.3 21.6 32.4#

120 0.0 16.1 24.1#

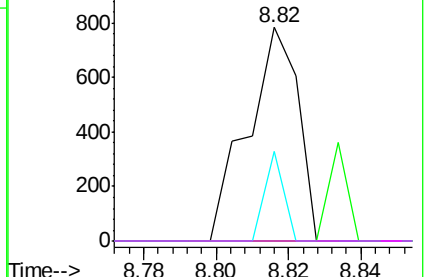
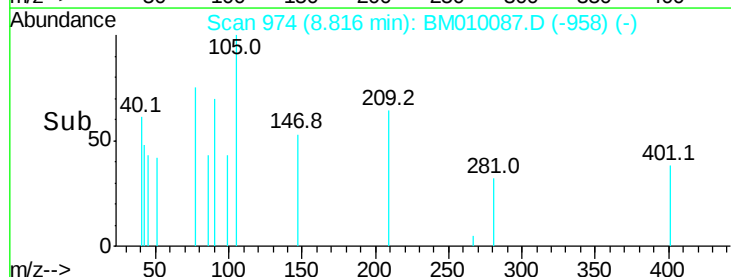


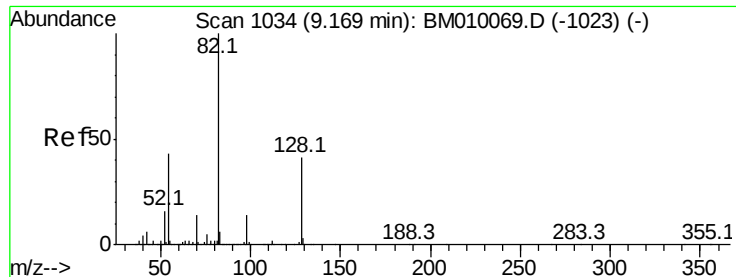
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

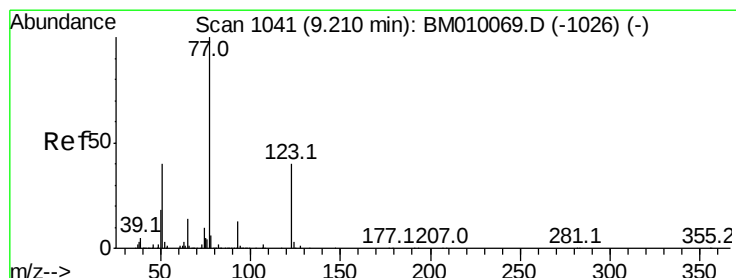
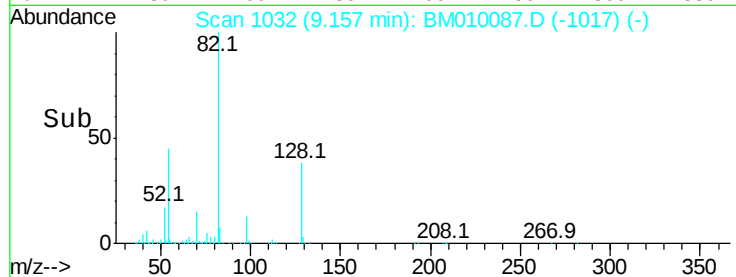
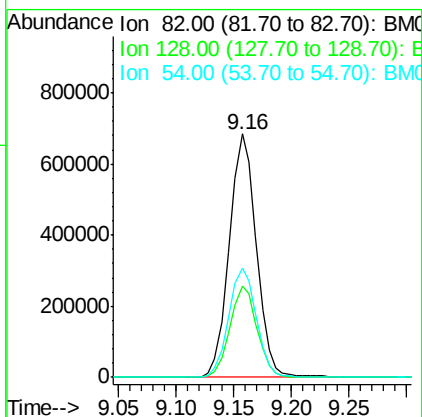
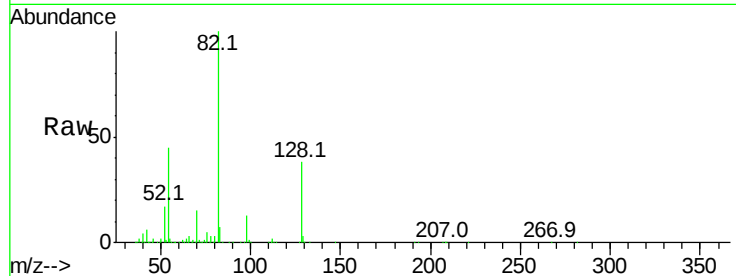




#23
Nitrobenzene-d5
Concen: 104.43 ng
RT: 9.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

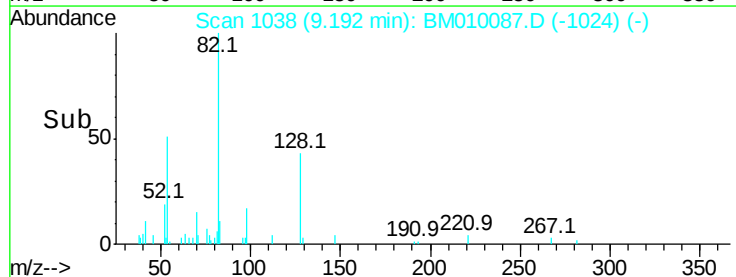
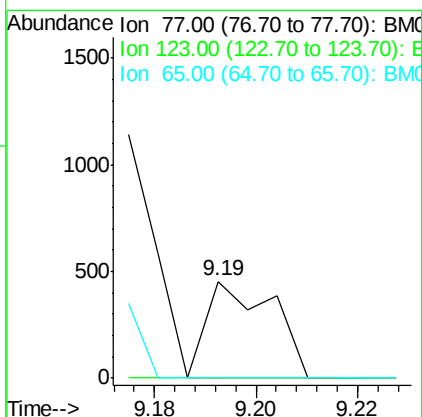
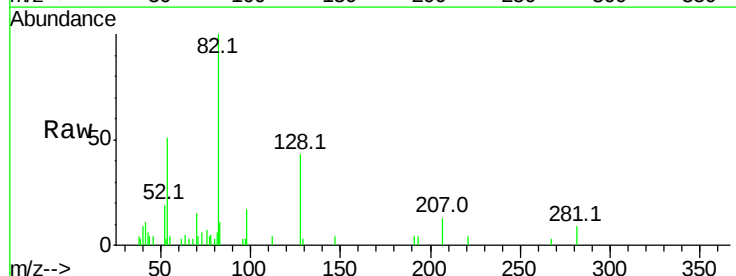
Instrument :
BNA_M
ClientSampled :

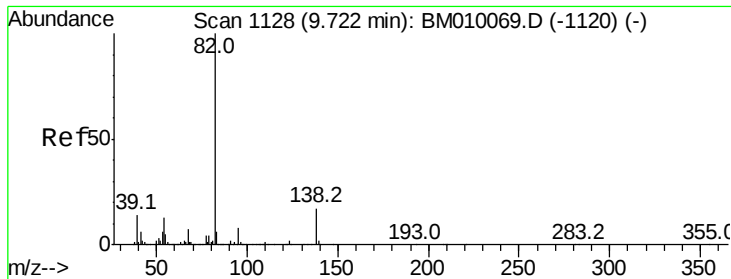
Tot Ion: 82 Resp: 1115234
Ion Ratio Lower Upper
82 100
128 37.5 32.8 49.2
54 45.1 40.6 60.8



#24
Nitrobenzene
Concen: 0.04 ng
RT: 9.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion: 77 Resp: 410
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#





#25

Isophorone

Concen: 0.02 ng

RT: 9.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

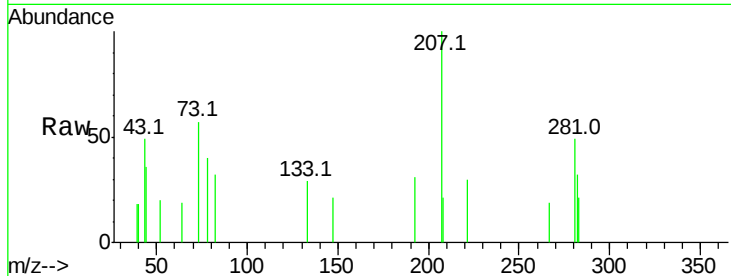
Tot Ion: 82 Resp: 303

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#

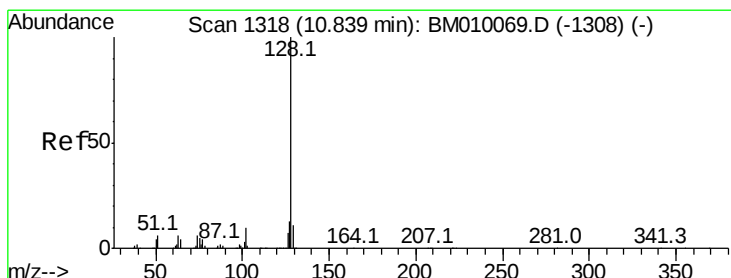
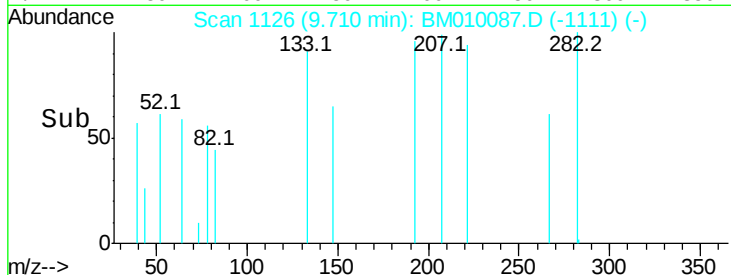


Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

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

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

Time-->



#31

Naphthalene

Concen: 1.19 ng

RT: 10.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

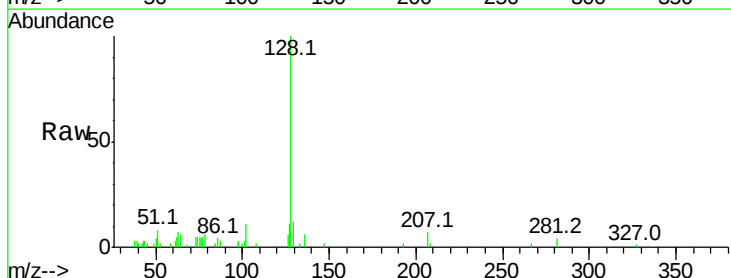
Tgt Ion: 128 Resp: 36694

Ion Ratio Lower Upper

128 100

129 12.2 8.9 13.3

127 10.8 10.4 15.6

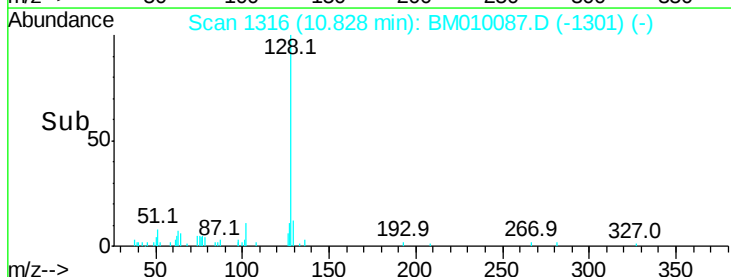


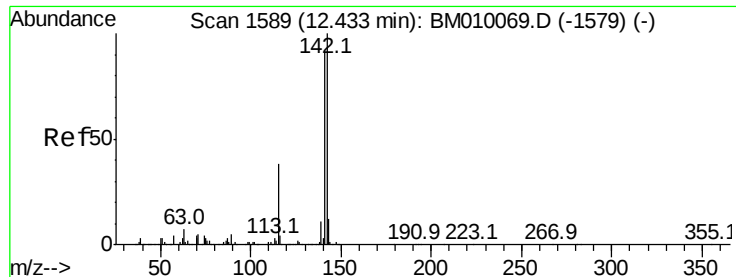
Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-1308) (-)

Ion 129.00 (128.70 to 129.70): BM010069.D (-1308) (-)

Ion 127.00 (126.70 to 127.70): BM010069.D (-1308) (-)

Time-->





#37

2-Methylnaphthalene

Concen: 0.32 ng

RT: 12.43 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

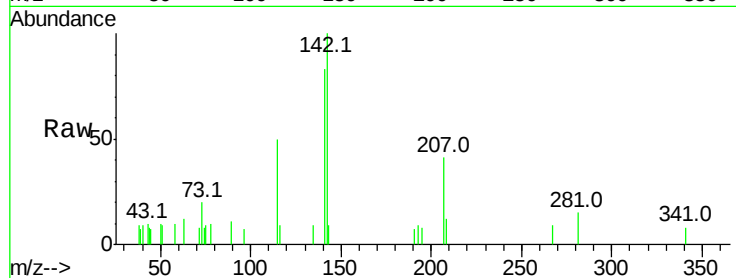
Tot Ion:142 Resp: 7134

Ion Ratio Lower Upper

142 100

141 83.0 71.9 107.9

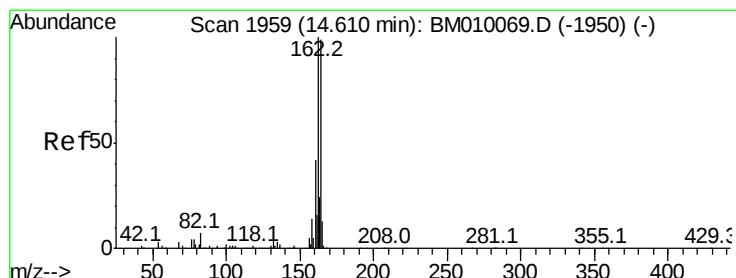
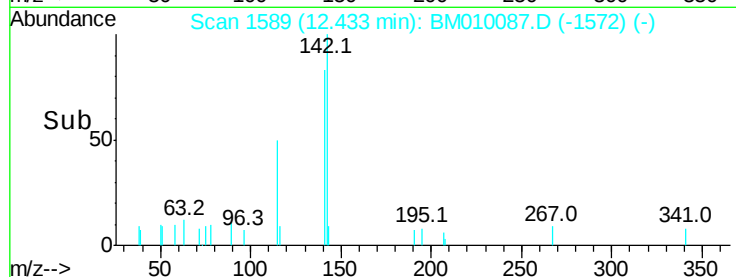
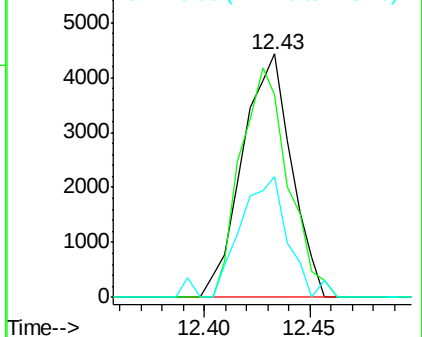
115 49.6 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

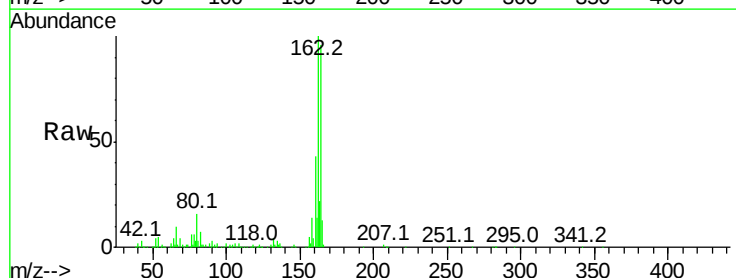
Tgt Ion:164 Resp: 348036

Ion Ratio Lower Upper

164 100

162 103.6 82.4 123.6

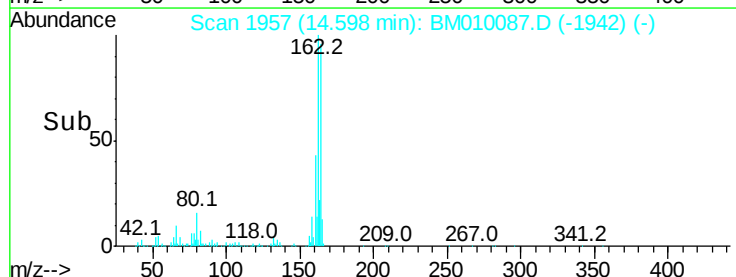
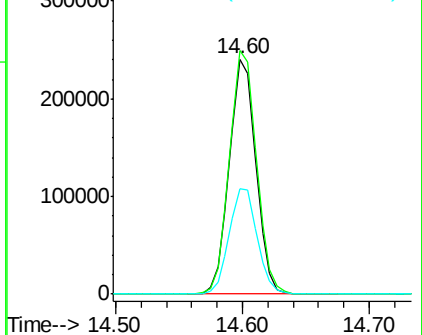
160 44.8 35.8 53.6

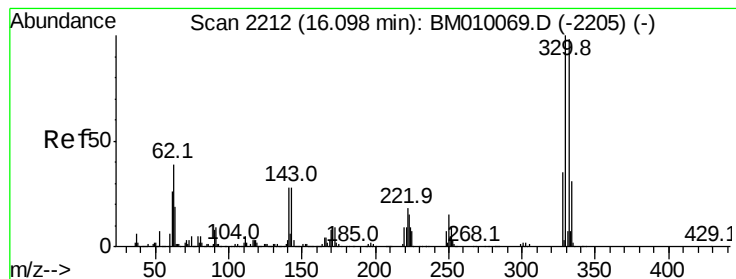


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 159.92 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

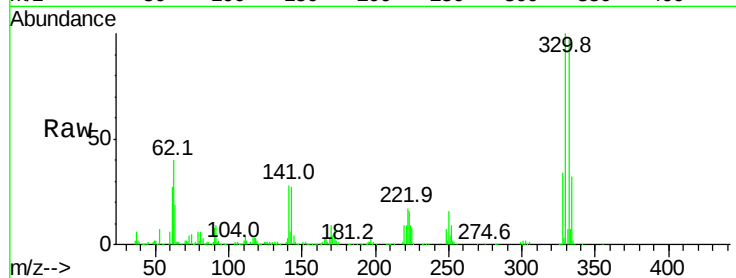
Tot Ion:330 Resp: 845350

Ion Ratio Lower Upper

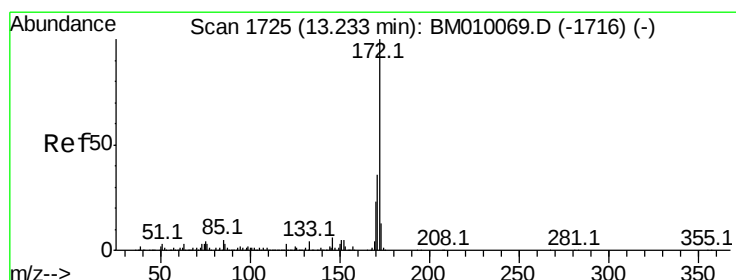
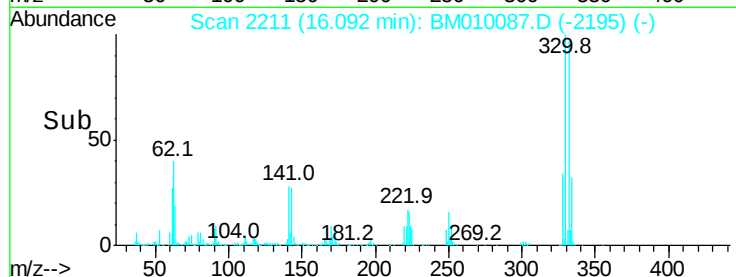
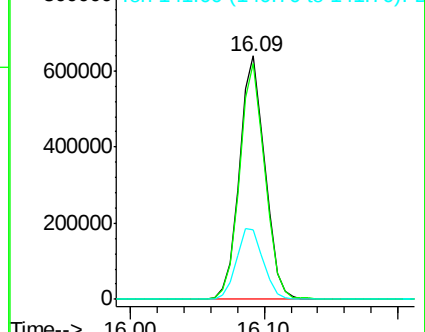
330 100

332 96.3 0.0 0.0#

141 30.7 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



#44

2-Fluorobiphenyl

Concen: 104.95 ng

RT: 13.22 min Scan# 1723

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

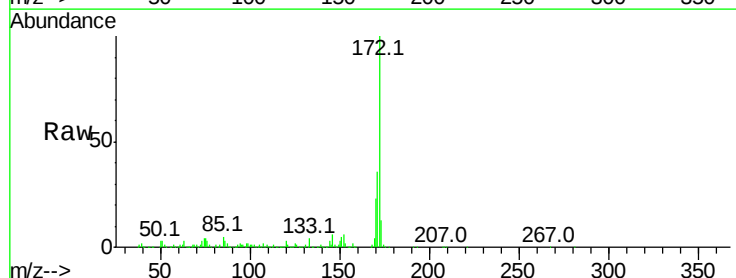
Tgt Ion:172 Resp: 2841159

Ion Ratio Lower Upper

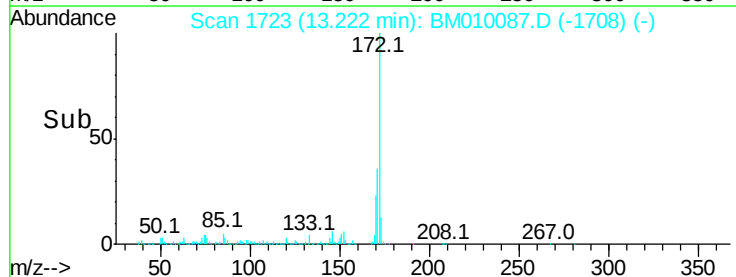
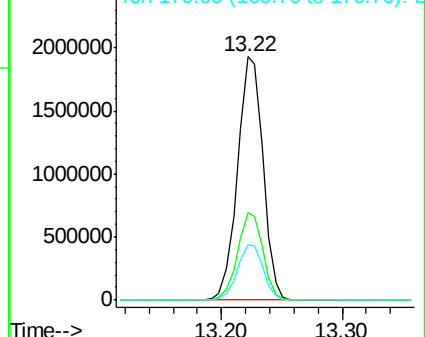
172 100

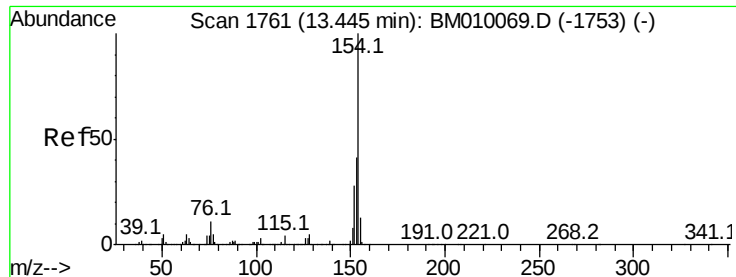
171 35.7 28.5 42.7

170 23.0 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 0.15 ng

RT: 13.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

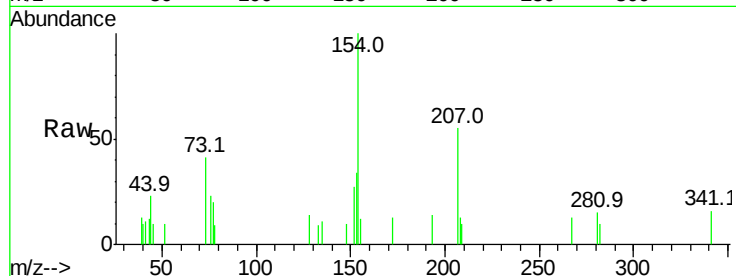
Tot Ion:154 Resp: 4398

Ion	Ratio	Lower	Upper
154	100		
153	33.9	20.7	60.7
76	23.1	0.0	30.9

154 100

153 33.9 20.7 60.7

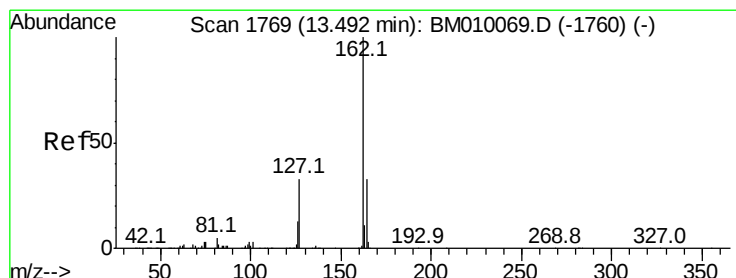
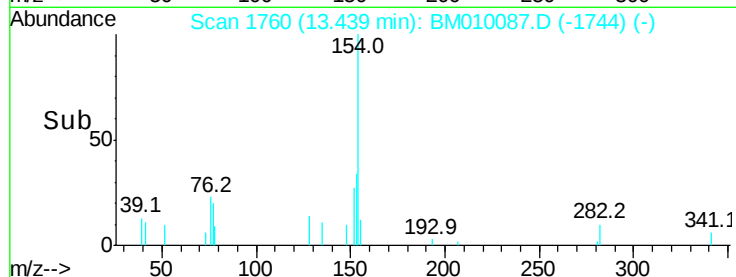
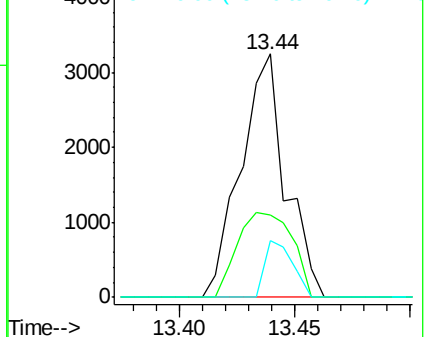
76 23.1 0.0 30.9



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: 0.00 ng

RT: 13.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

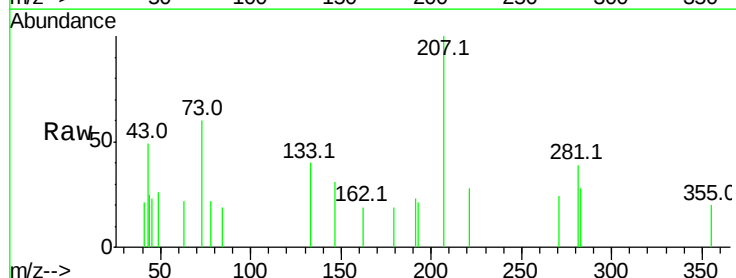
Tgt Ion:162 Resp: 111

Ion	Ratio	Lower	Upper
162	100		
127	0.0	26.9	40.3#
164	0.0	26.8	40.2#

162 100

127 0.0 26.9 40.3#

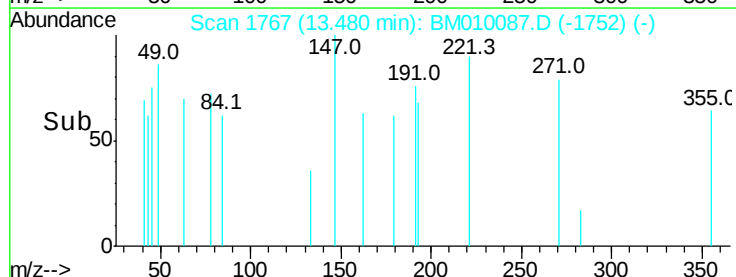
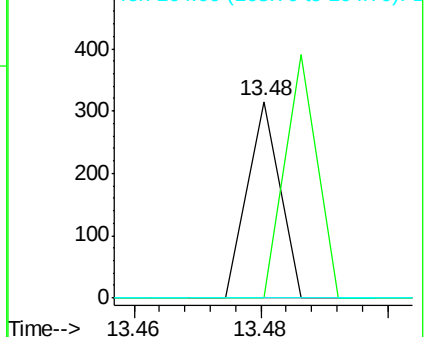
164 0.0 26.8 40.2#

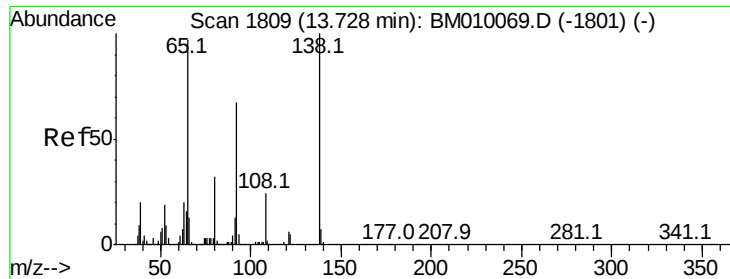


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 0.02 ng

RT: 13.79 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

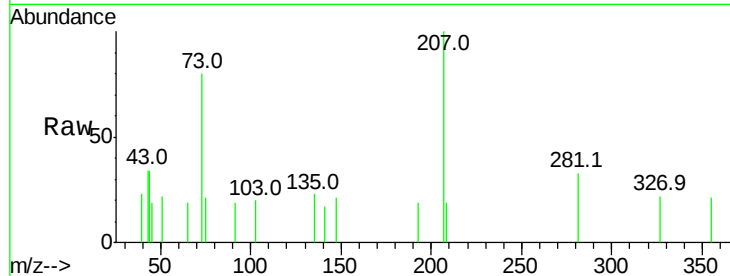
Tot Ion: 65 Resp: 120

Ion Ratio Lower Upper

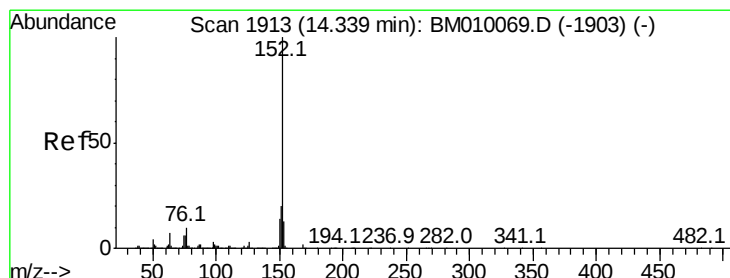
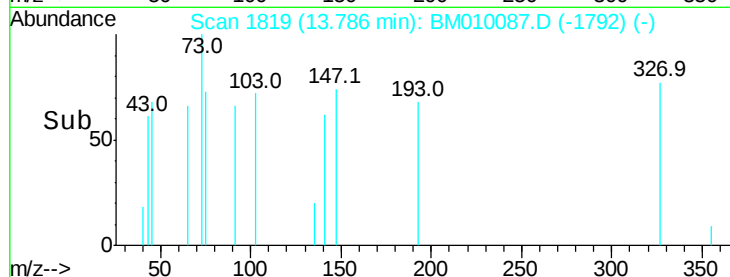
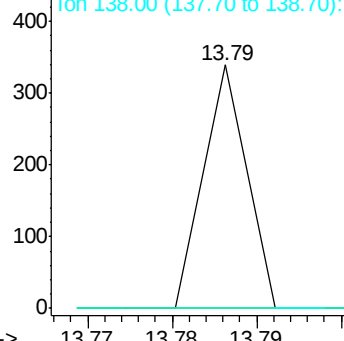
65 100

92 0.0 59.1 88.7#

138 0.0 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010069.D (-1801) (-)



#48

Acenaphthylene

Concen: 0.05 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

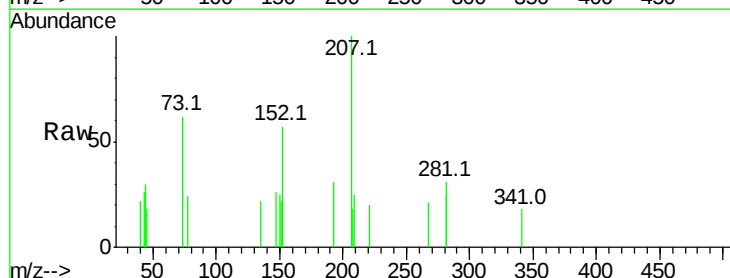
Tgt Ion: 152 Resp: 1579

Ion Ratio Lower Upper

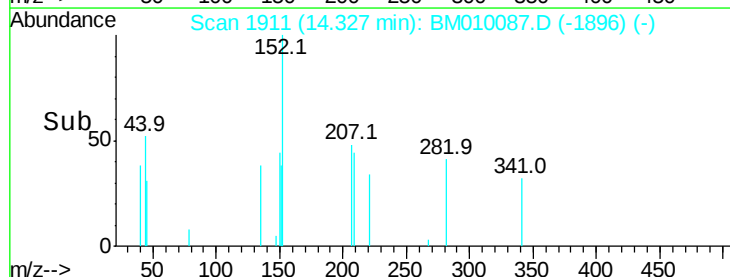
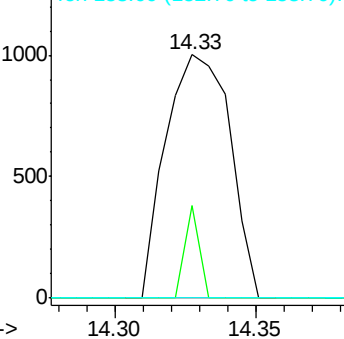
152 100

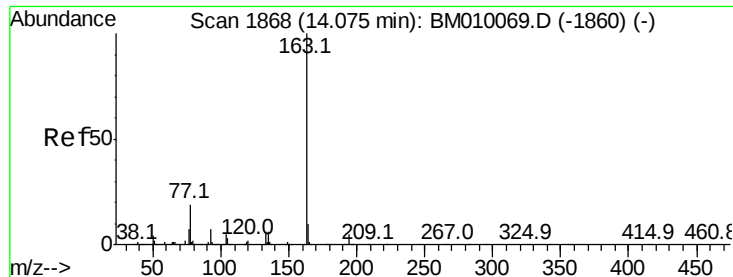
151 38.0 15.9 23.9#

153 0.0 10.6 16.0#



Abundance Ion 152.00 (151.70 to 152.70): BM010069.D (-1903) (-)





#49

Dimethylphthalate

Concen: 0.00 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

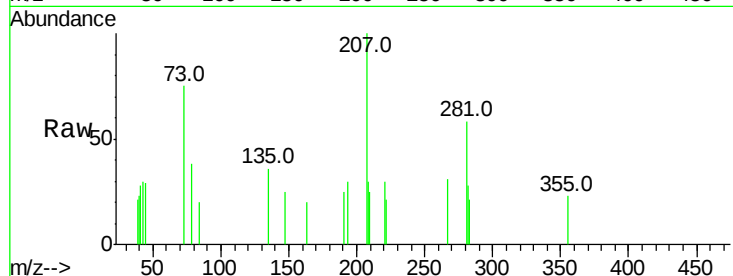
Tot Ion:163 Resp: 107

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

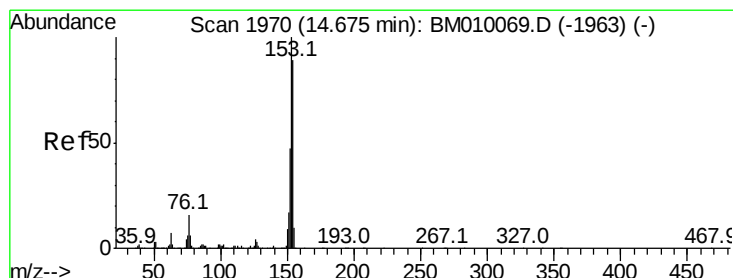
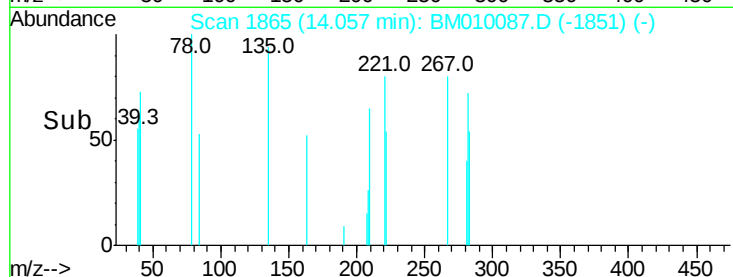
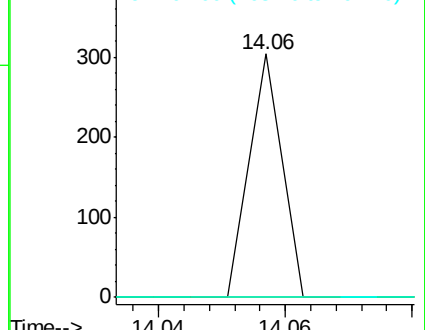
164 0.0 8.2 12.2#



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



#51

Acenaphthene

Concen: 0.50 ng

RT: 14.67 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

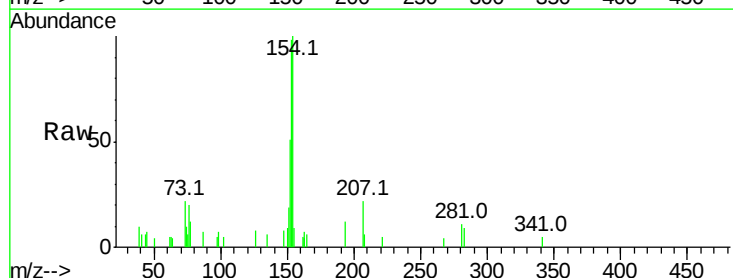
Tgt Ion:154 Resp: 10591

Ion Ratio Lower Upper

154 100

153 98.2 90.0 135.0

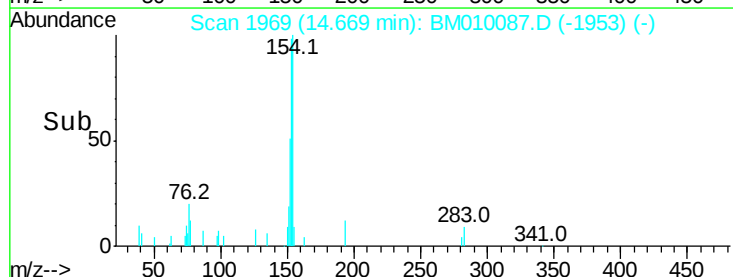
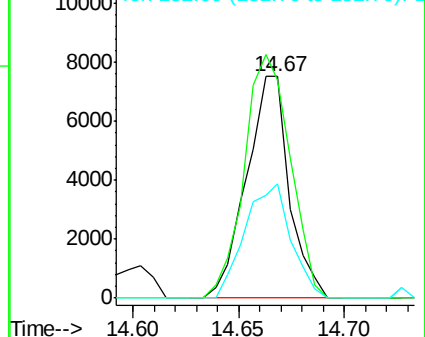
152 51.5 42.6 63.8

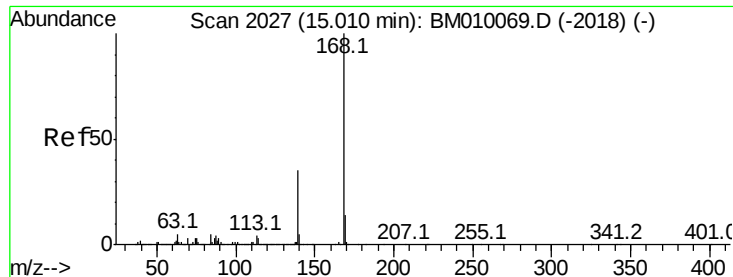


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.24 ng

RT: 15.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

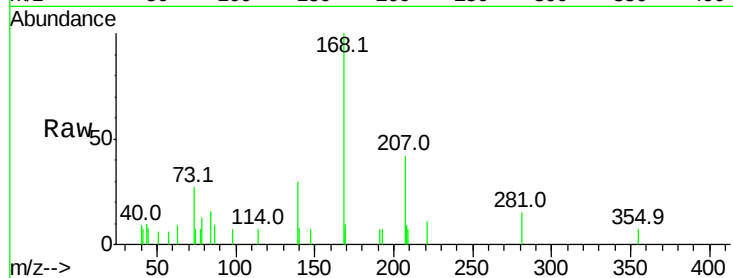
Tot Ion:168 Resp: 8121

Ion Ratio Lower Upper

168 100

139 29.8 27.3 40.9

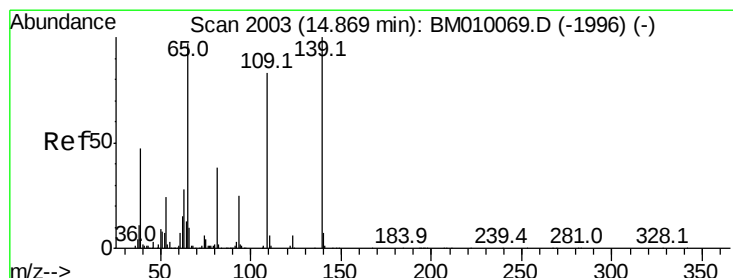
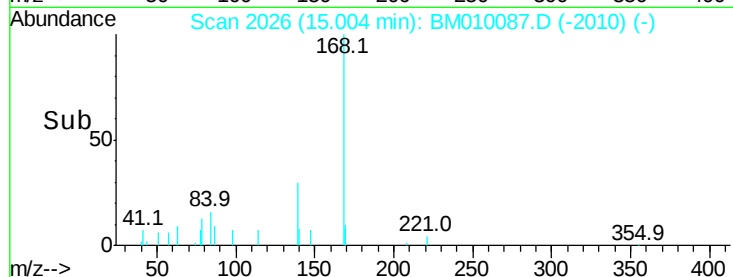
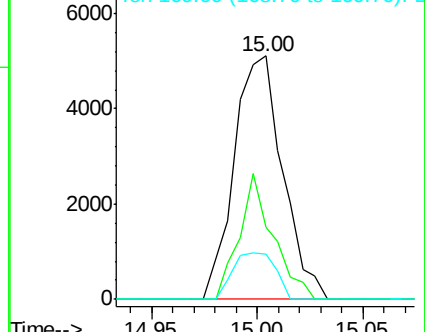
169 18.4 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#55

4-Nitrophenol

Concen: 0.66 ng

RT: 15.00 min Scan# 2025

Delta R.T. 0.13 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

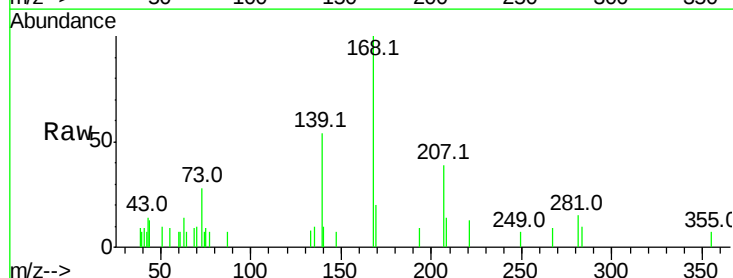
Tgt Ion:139 Resp: 2926

Ion Ratio Lower Upper

139 100

109 0.0 37.7 77.7#

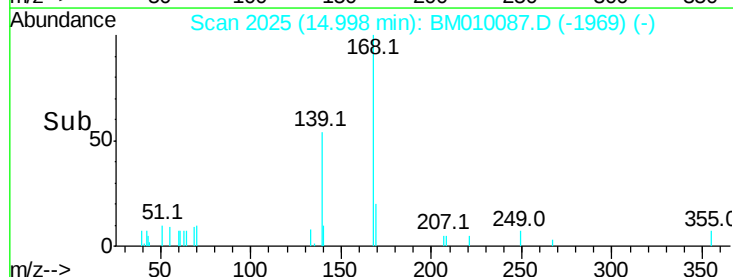
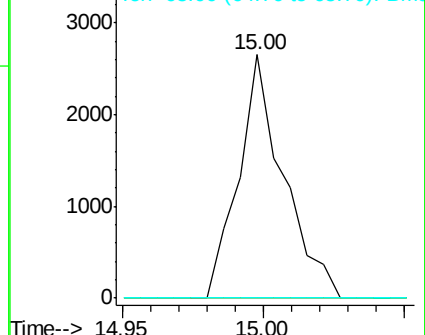
65 0.0 49.9 89.9#

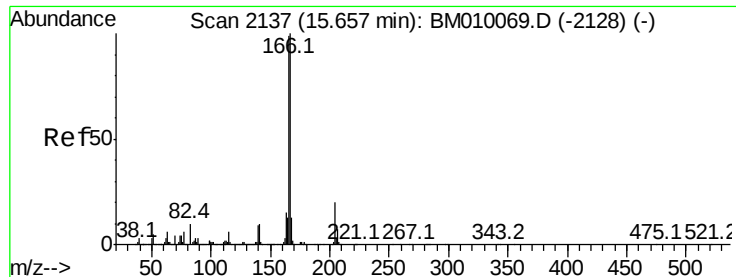


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM0





#57

Fluorene

Concen: 0.30 ng

RT: 15.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

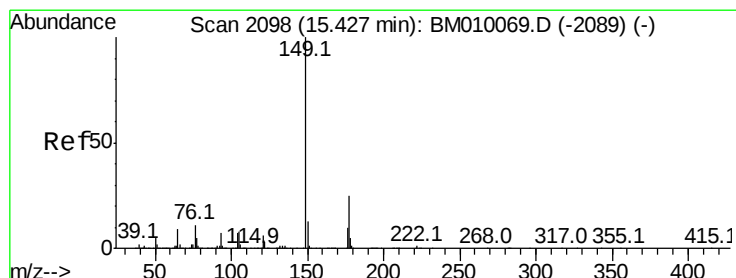
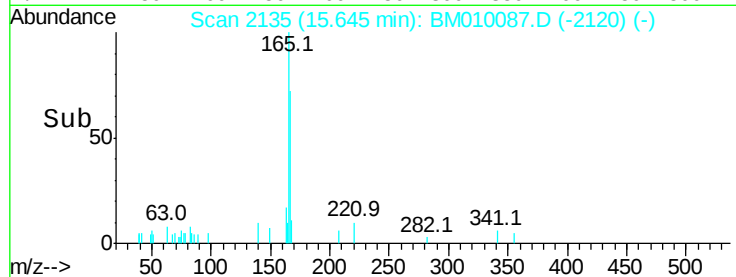
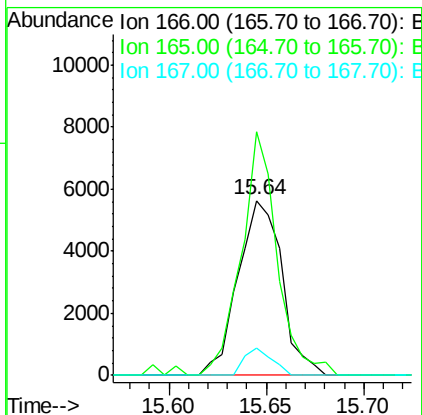
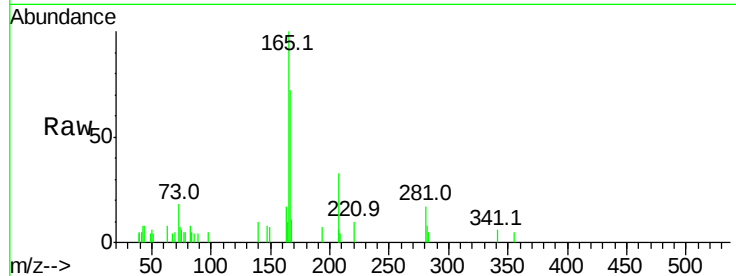
Tot Ion:166 Resp: 8760

Ion Ratio Lower Upper

166 100

165 139.1 79.0 118.4#

167 15.6 10.3 15.5#



#59

Diethylphthalate

Concen: 0.07 ng

RT: 15.41 min Scan# 2095

Delta R.T. -0.02 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

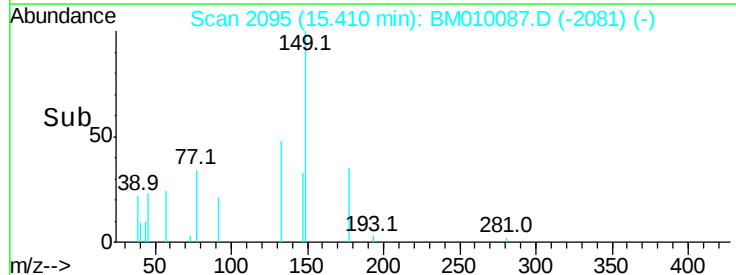
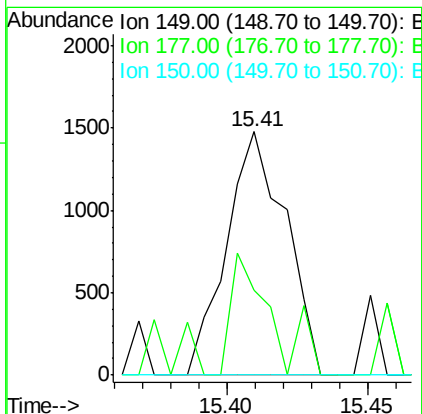
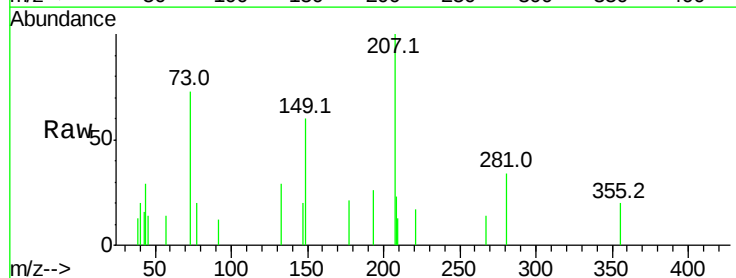
Tgt Ion:149 Resp: 2159

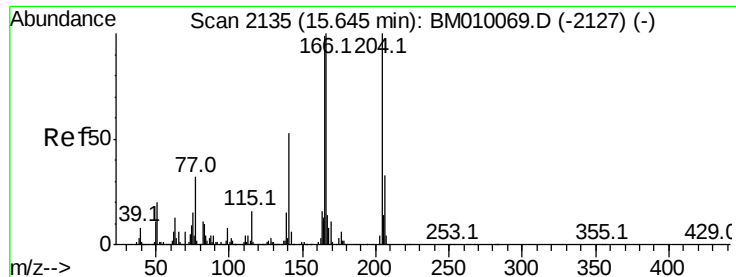
Ion Ratio Lower Upper

149 100

177 34.7 18.3 27.5#

150 0.0 9.8 14.8#

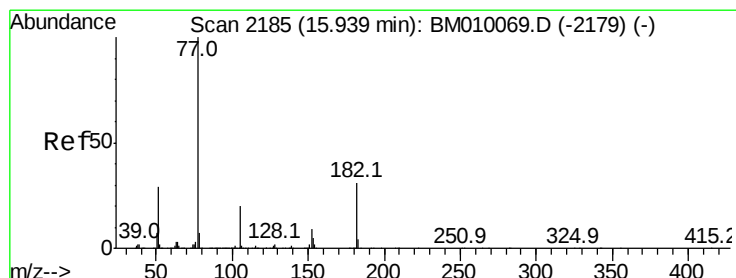
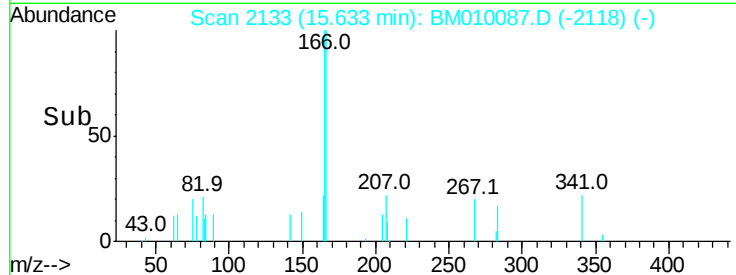
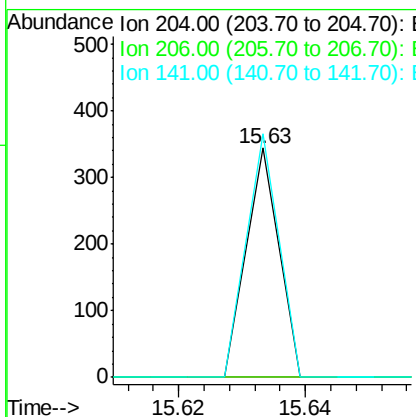
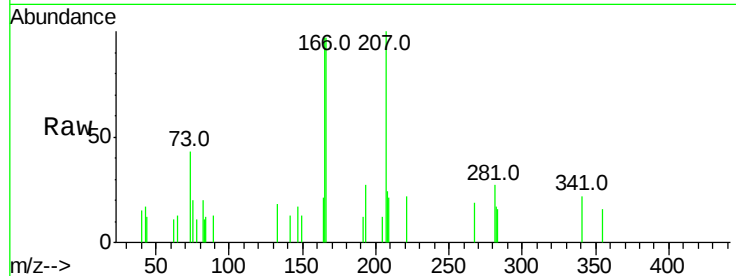




#60
 4-Chlorophenyl-phenylether
 Concen: 0.01 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

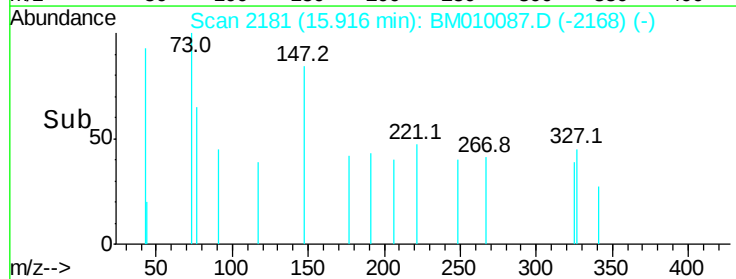
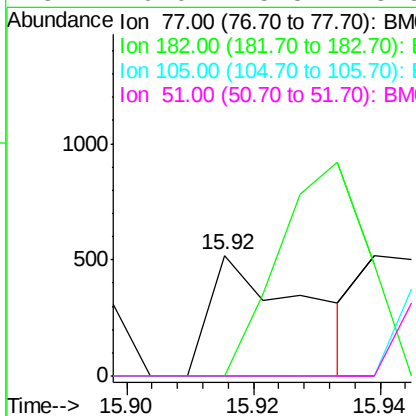
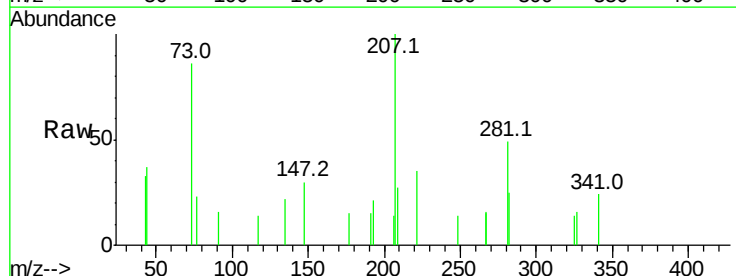
Instrument :
 BNA_M
 ClientSampled :

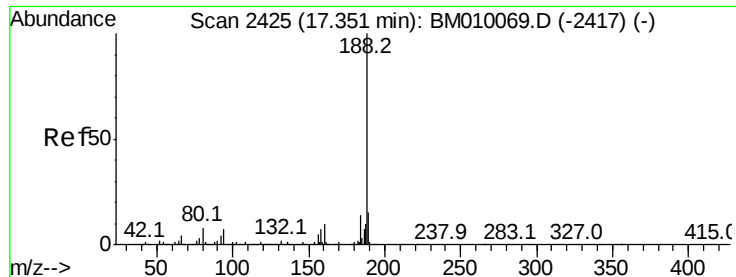
Tot Ion:	204	Resp:	121
Ion Ratio	Lower	Upper	
204	100		
206	0.0	26.6	39.8#
141	106.4	45.2	67.8#



#62
 Azobenzene
 Concen: 0.02 ng
 RT: 15.92 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Tgt Ion:	77	Resp:	531
Ion Ratio	Lower	Upper	
77	100		
182	0.0	6.5	46.5#
105	0.0	3.8	43.8#
51	0.0	5.5	45.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

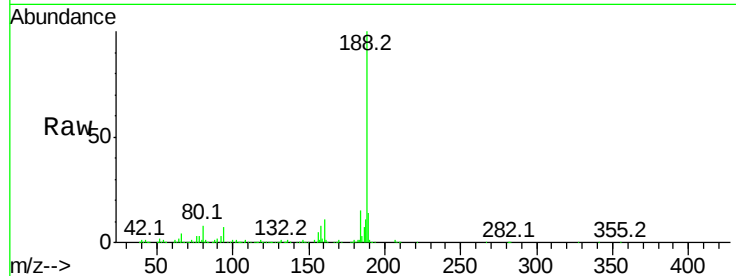
Tot Ion:188 Resp: 881710

Ion Ratio Lower Upper

188 100

94 6.7 8.7 13.1#

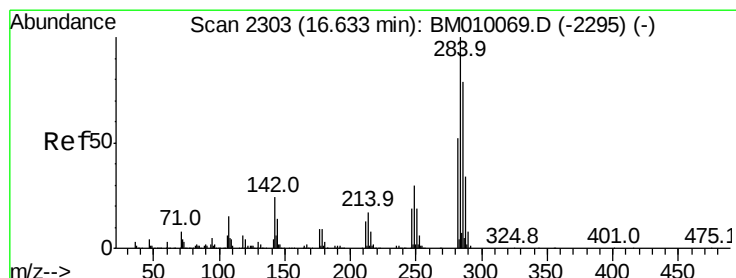
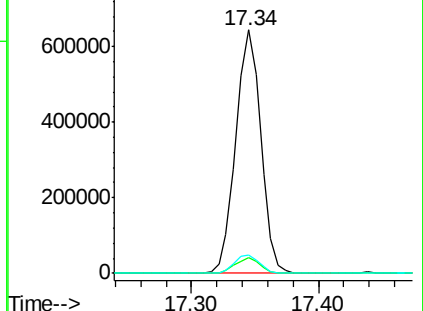
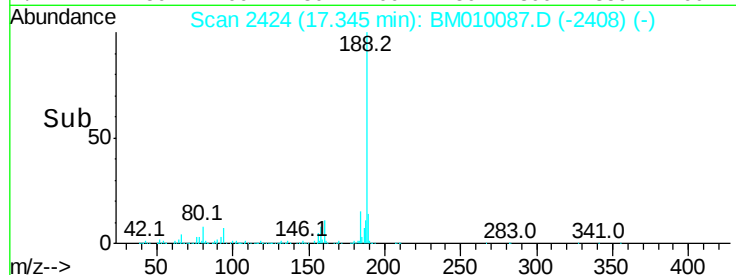
80 7.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM010087.D (-2408) (-)

Ion 80.00 (79.70 to 80.70): BM010087.D (-2408) (-)



#67

Hexachlorobenzene

Concen: 0.01 ng

RT: 16.63 min Scan# 2302

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

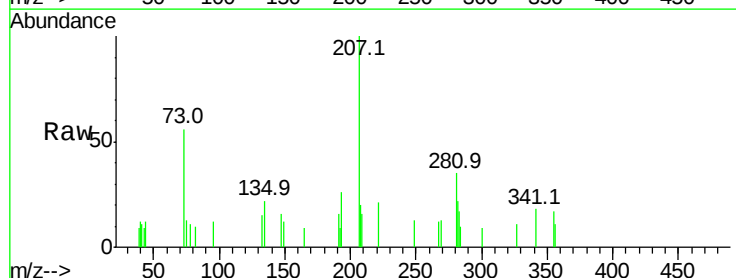
Tgt Ion:284 Resp: 119

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

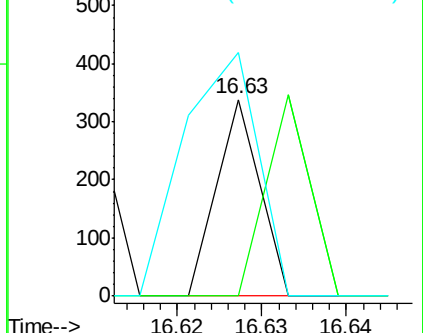
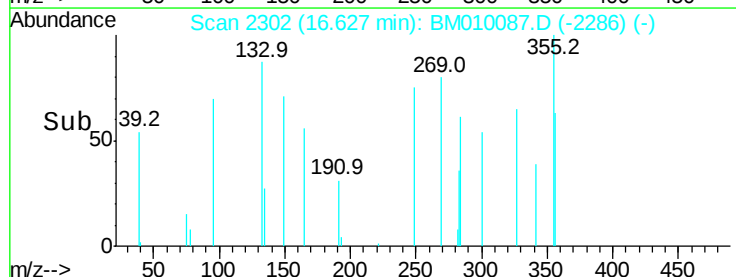
249 124.0 23.8 35.6#

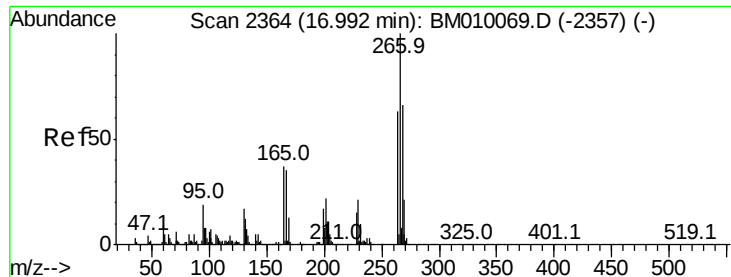


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Pentachlorophenol

Concen: 0.03 ng

RT: 16.98 min Scan# 2362

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampled :

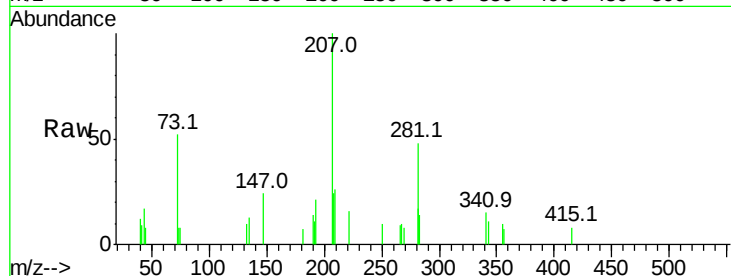
Tot Ion:266 Resp: 235

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

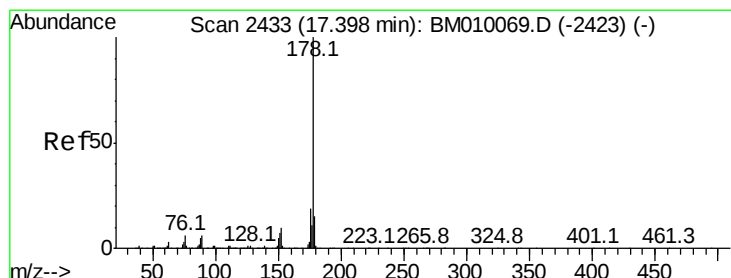
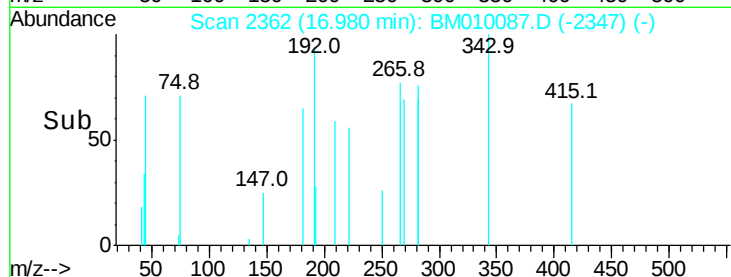
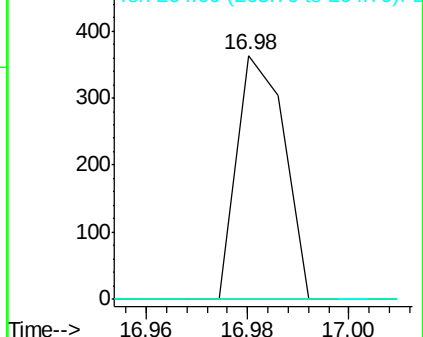
264 0.0 49.0 73.4#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 0.49 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

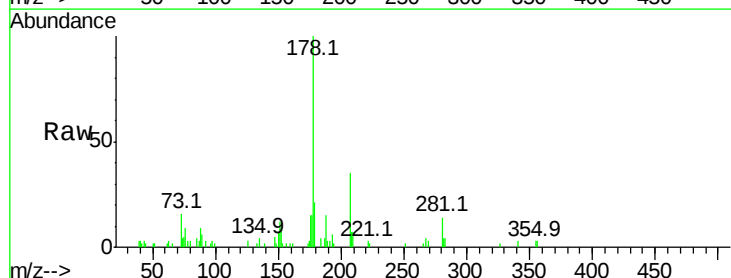
Tgt Ion:178 Resp: 24184

Ion Ratio Lower Upper

178 100

176 15.1 15.2 22.8#

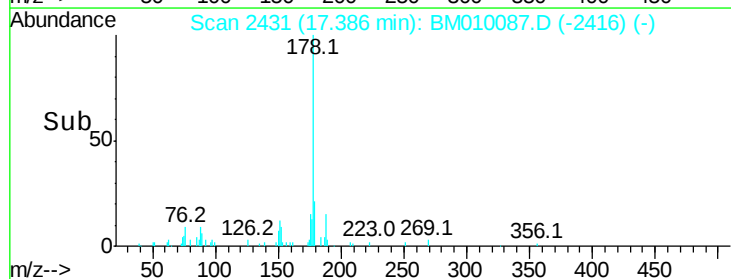
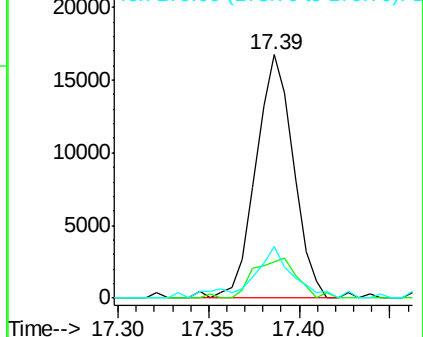
179 21.5 12.1 18.1#

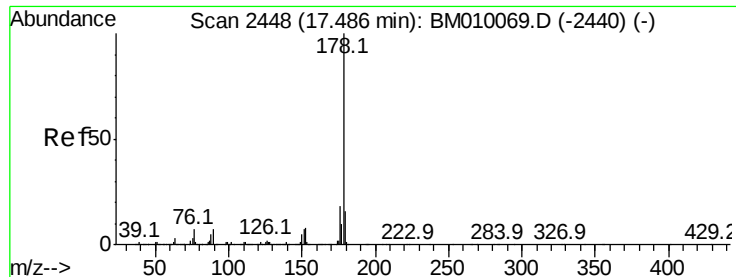


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.05 ng

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampled :

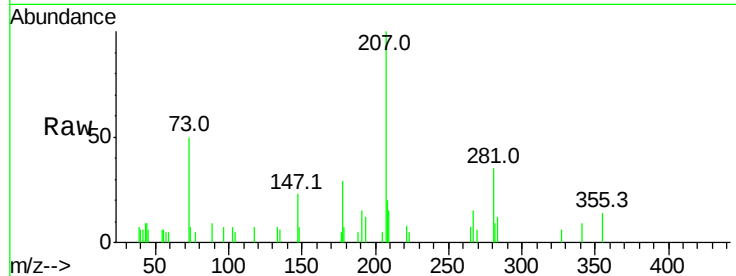
Tot Ion:178 Resp: 2445

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

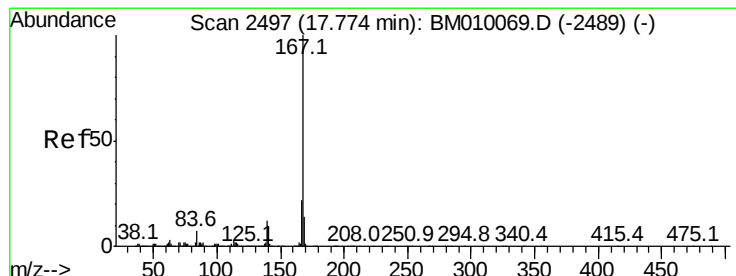
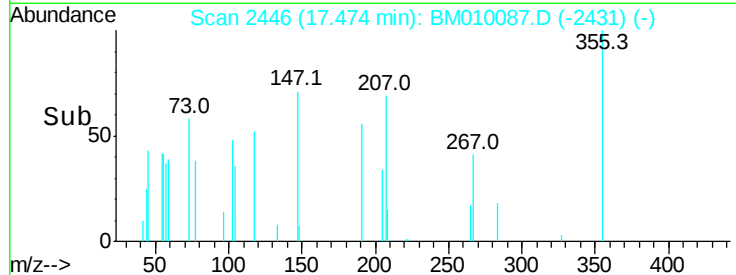
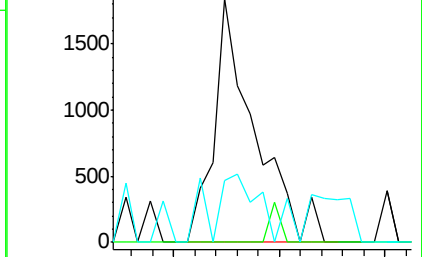
179 25.6 12.6 19.0#



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: 0.13 ng

RT: 17.76 min Scan# 2495

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

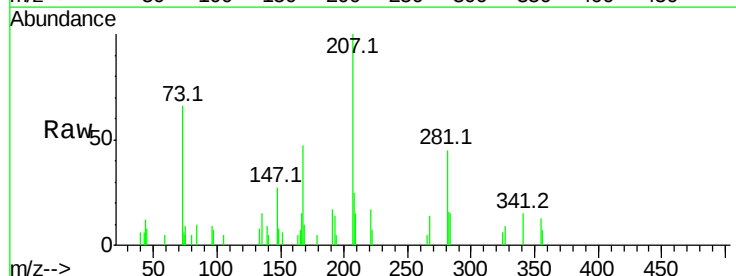
Tgt Ion:167 Resp: 5614

Ion Ratio Lower Upper

167 100

166 30.8 17.2 25.8#

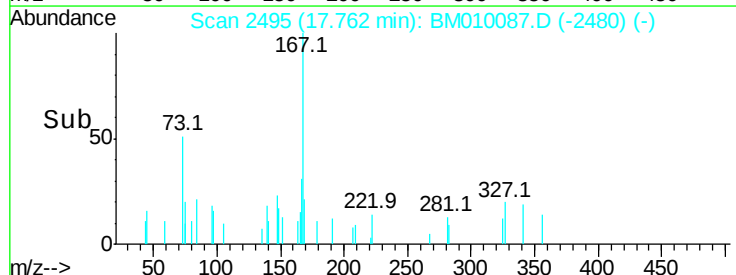
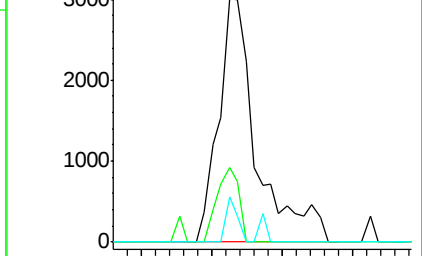
139 18.4 10.8 16.2#

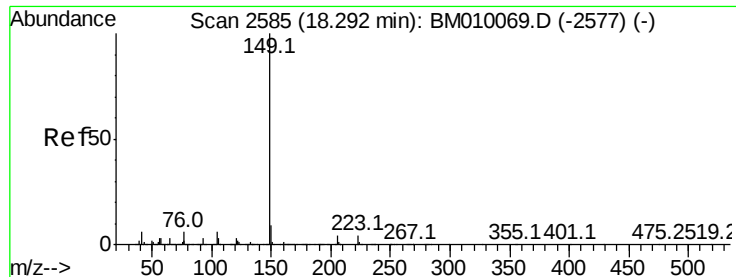


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

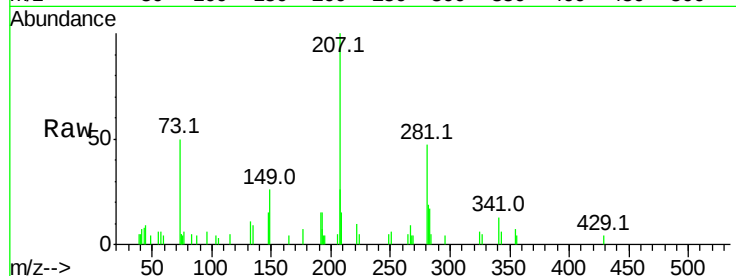




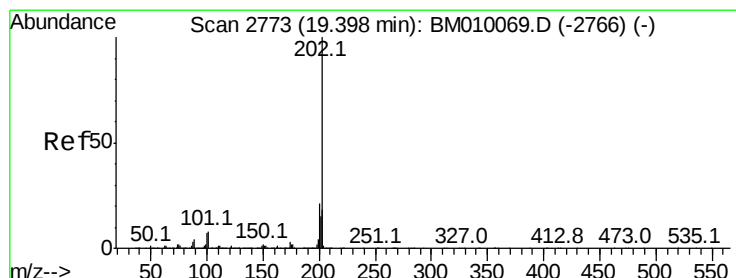
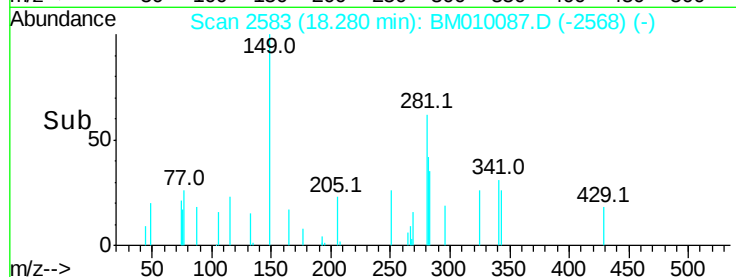
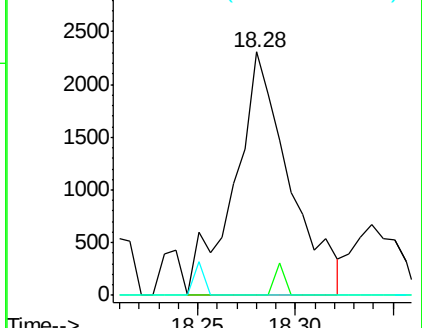
#73
Di-n-butylphthalate
Concen: 0.09 ng
RT: 18.28 min Scan# 2583
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:149 Resp: 4508
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 3.7 5.5#

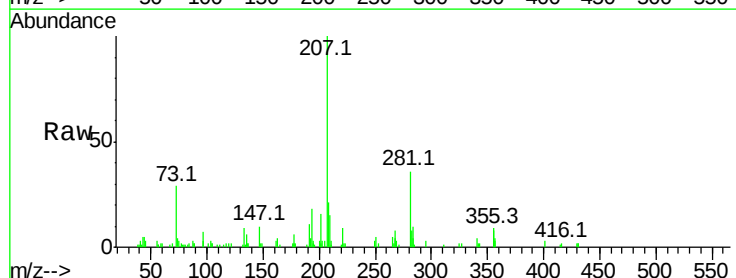


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

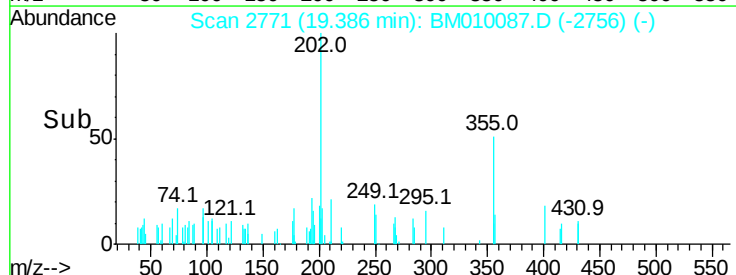
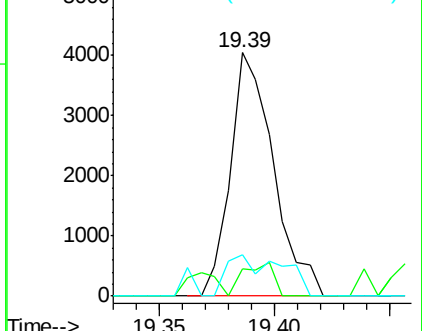


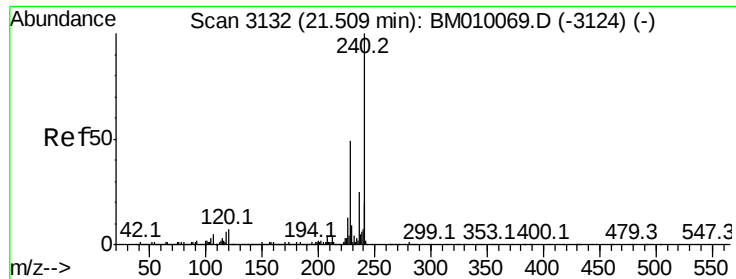
#74
Fluoranthene
Concen: 0.08 ng
RT: 19.39 min Scan# 2771
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion:202 Resp: 5271
Ion Ratio Lower Upper
202 100
101 11.2 0.0 28.7
203 16.9 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

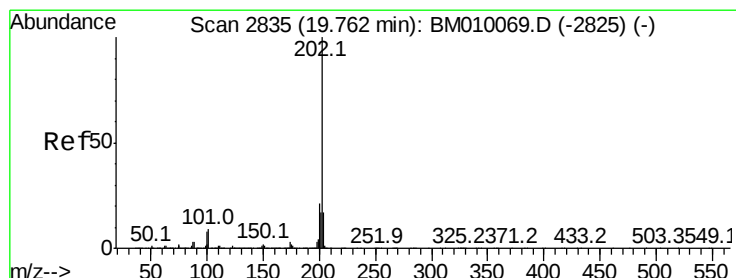
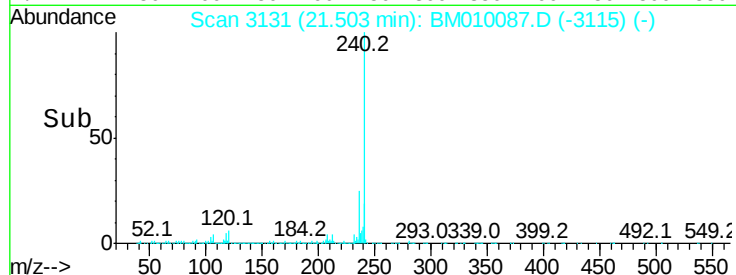
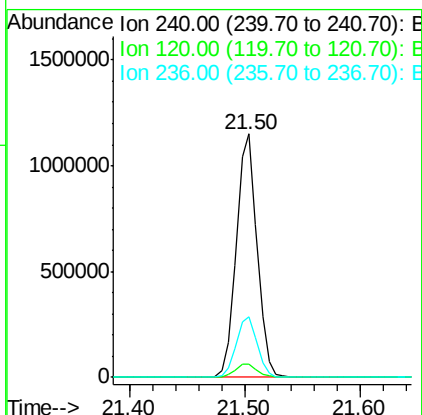
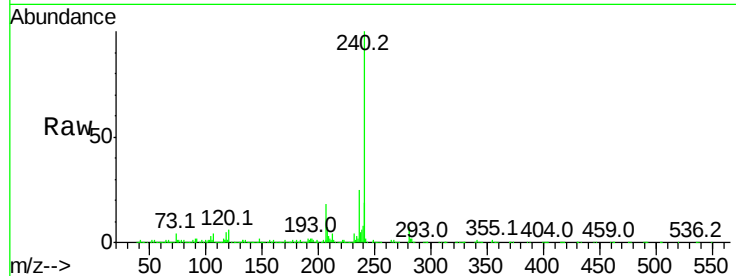




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.50 min Scan# 3131
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

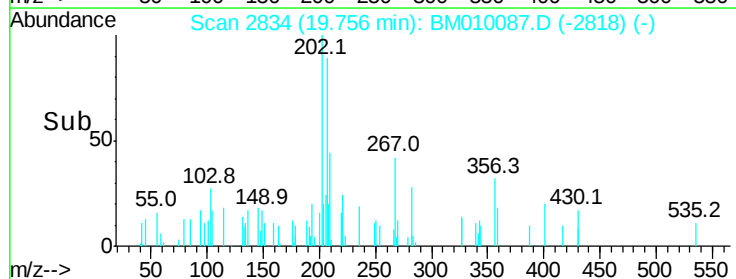
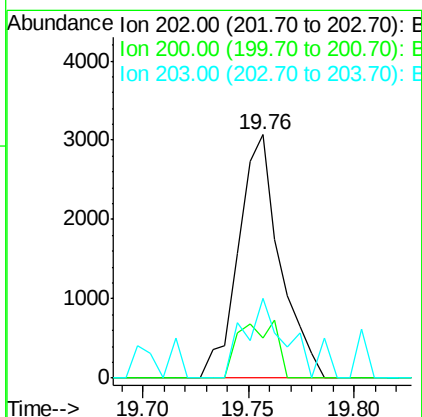
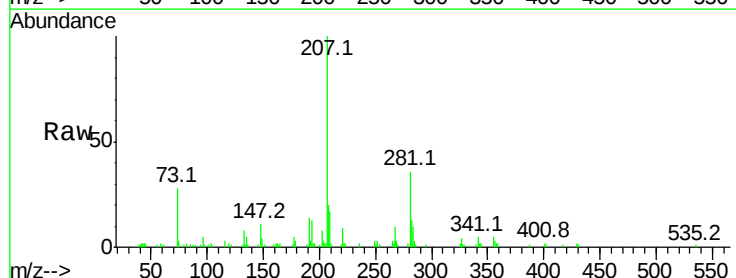
Instrument :
BNA_M
ClientSampleId :

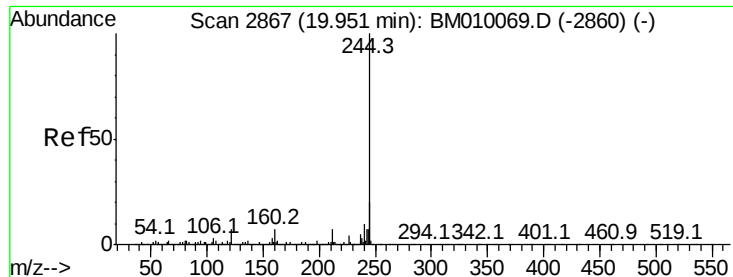
Tot Ion:240 Resp: 1428600
Ion Ratio Lower Upper
240 100
120 5.6 8.2 12.2#
236 25.0 20.0 30.0



#77
Pyrene
Concen: 0.05 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion:202 Resp: 4195
Ion Ratio Lower Upper
202 100
200 16.3 16.9 25.3#
203 33.0 14.1 21.1#





#78

Terphenyl-d14

Concen: 90.52 ng

RT: 19.94 min Scan# 2866

Delta R.T. -0.01 min

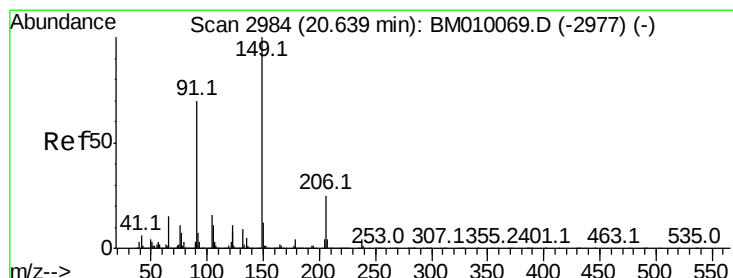
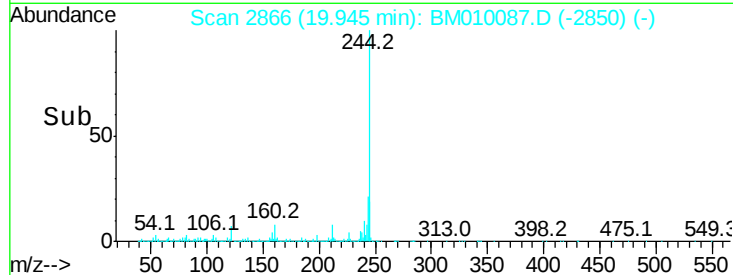
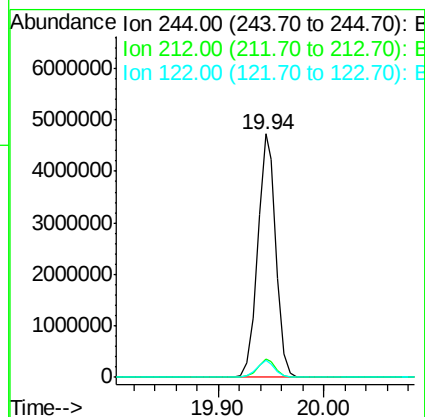
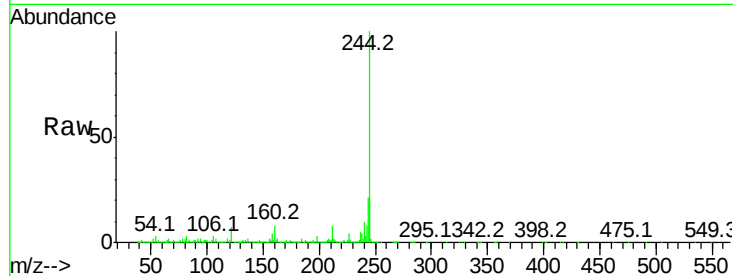
Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :
BNA_M
ClientSampleId :

Tot Ion:244 Resp: 5687277

Ion	Ratio	Lower	Upper
244	100		
212	7.5	4.9	7.3#
122	7.2	6.2	9.4



#79

Butylbenzylphthalate

Concen: 0.01 ng

RT: 20.63 min Scan# 2982

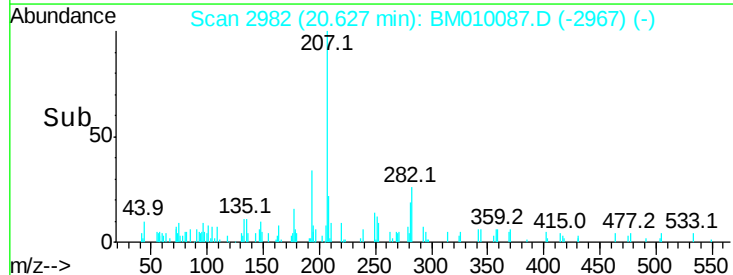
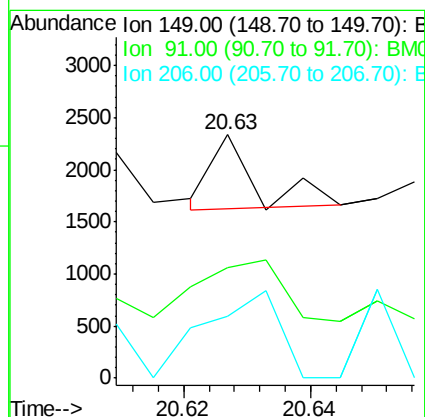
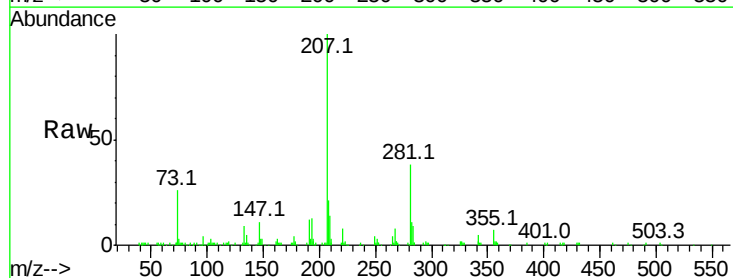
Delta R.T. -0.01 min

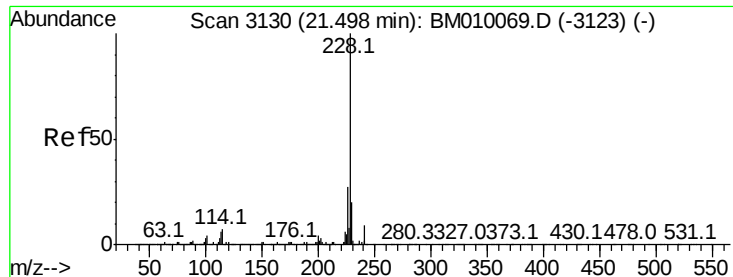
Lab File: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion:149 Resp: 346

Ion	Ratio	Lower	Upper
149	100		
91	45.5	50.1	75.1#
206	25.2	16.2	24.2#





#80

Benzo(a)anthracene

Concen: 0.07 ng

RT: 21.49 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

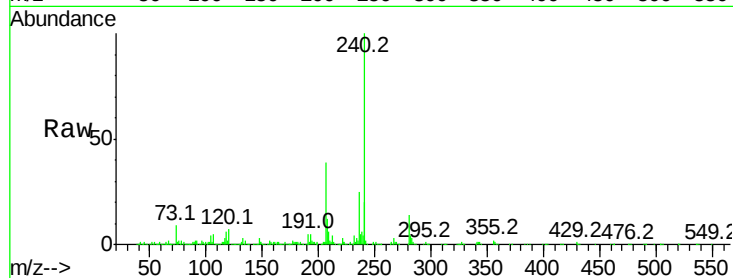
Tot Ion:228 Resp: 5619

Ion Ratio Lower Upper

228 100

226 0.0 21.7 32.5#

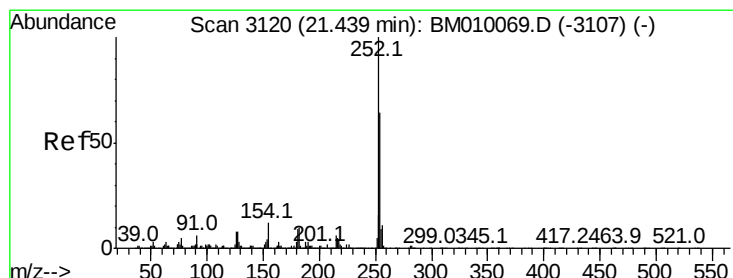
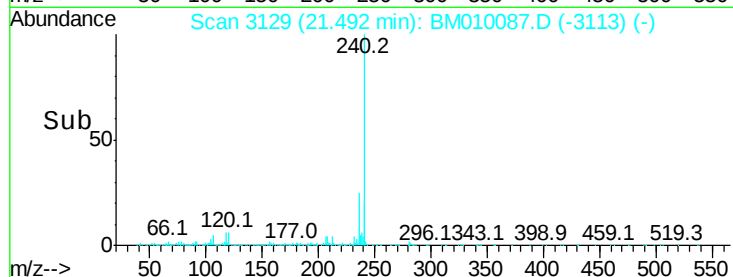
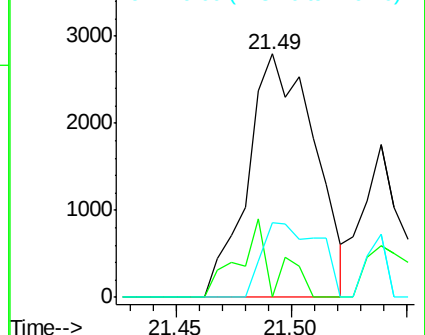
229 30.6 16.0 24.0#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.02 ng

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

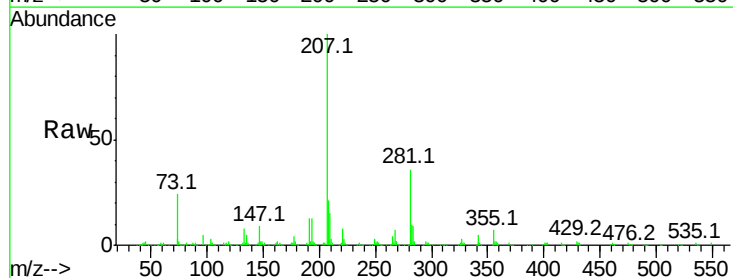
Tgt Ion:252 Resp: 670

Ion Ratio Lower Upper

252 100

254 43.2 51.9 77.9#

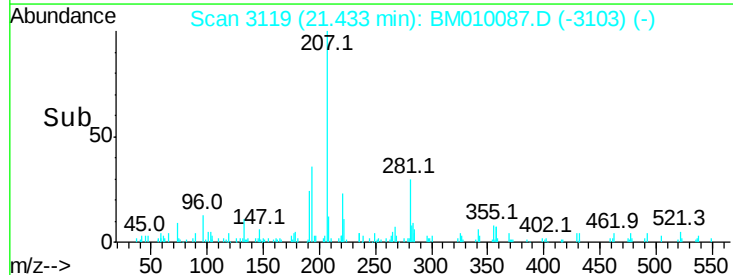
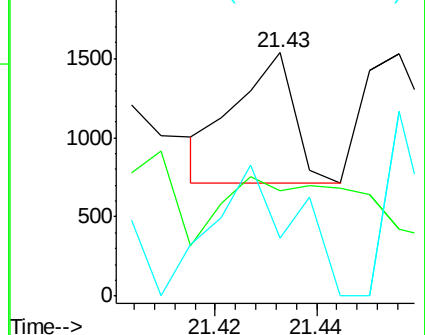
126 23.9 9.8 14.8#

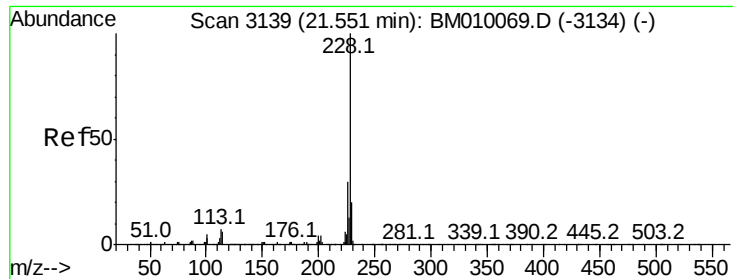


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.02 ng

RT: 21.54 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM010087.D

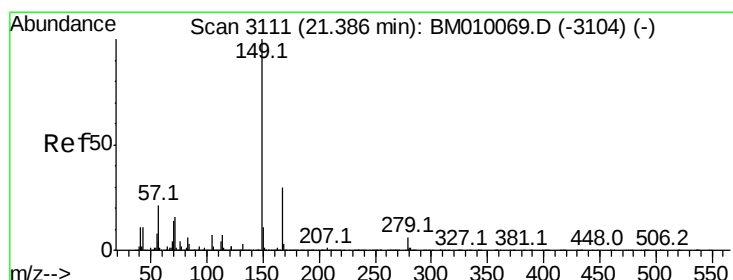
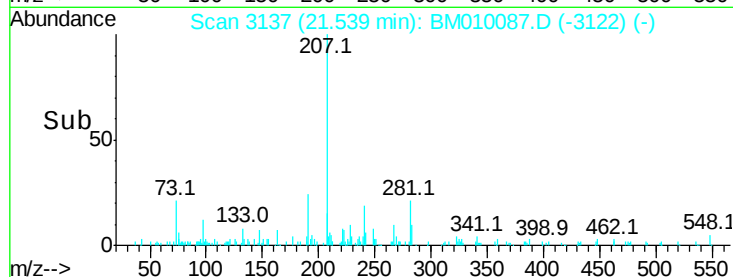
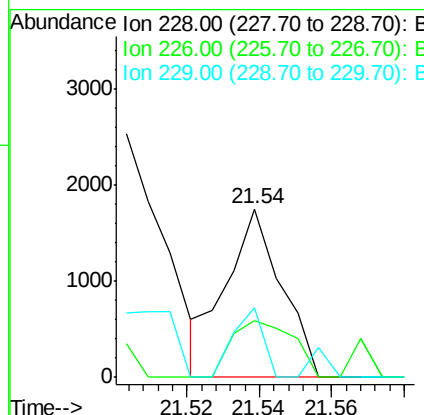
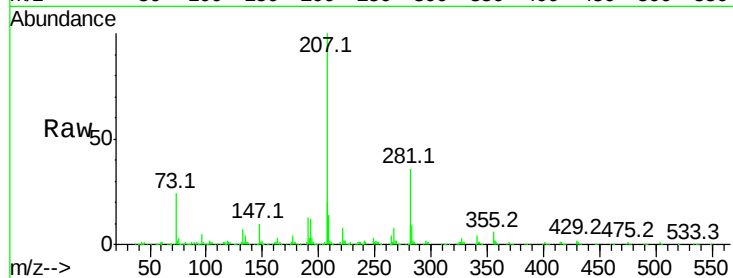
Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	1851
Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.1	36.1
229	41.5	15.5	23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.10 ng

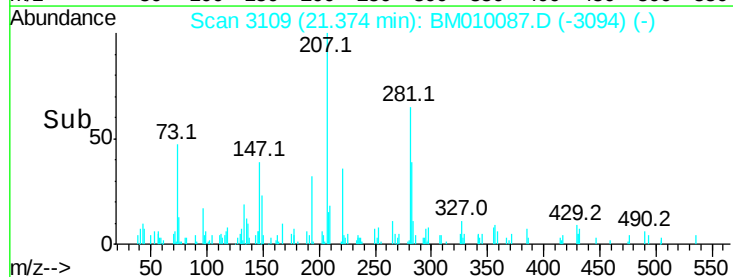
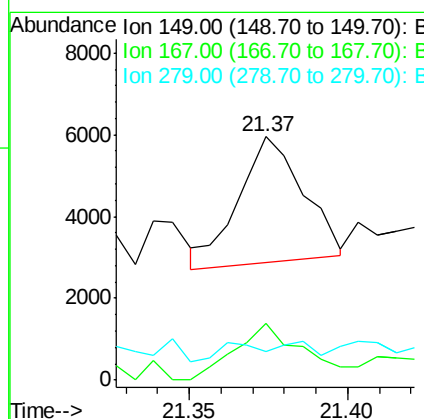
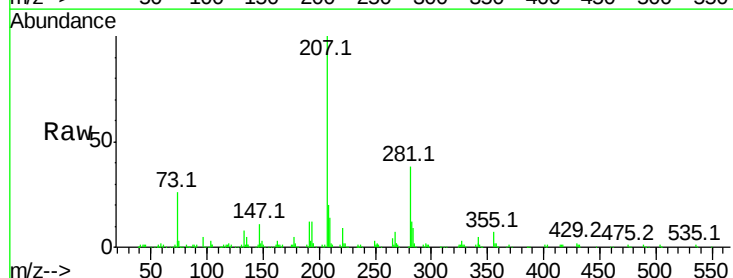
RT: 21.37 min Scan# 3109

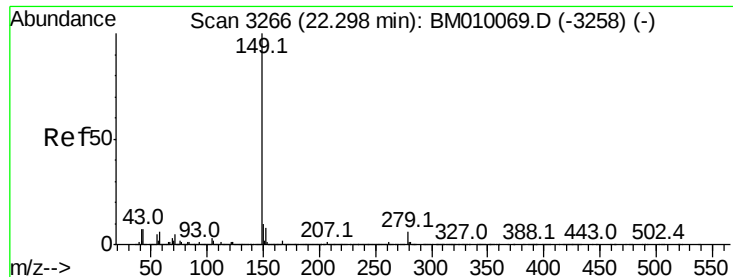
Delta R.T. -0.01 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion:	149	Resp:	4352
Ion	Ratio	Lower	Upper
149	100		
167	23.5	22.4	33.6
279	11.7	3.4	5.0#

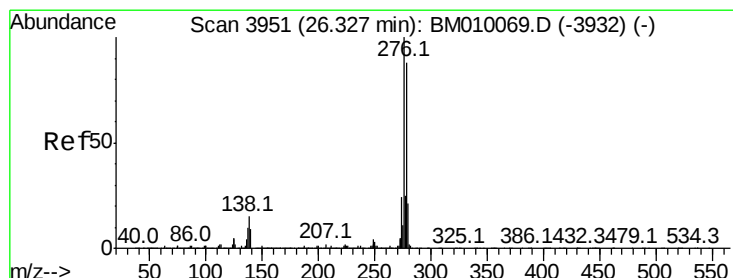
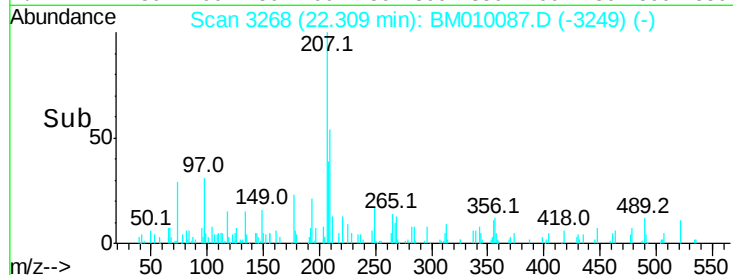
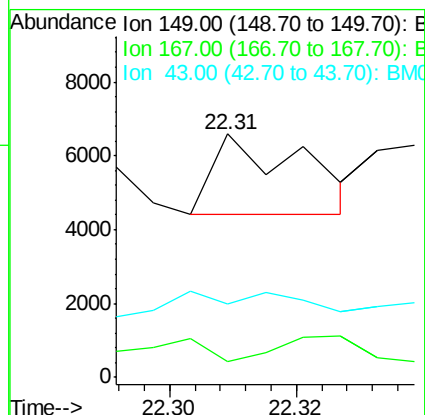
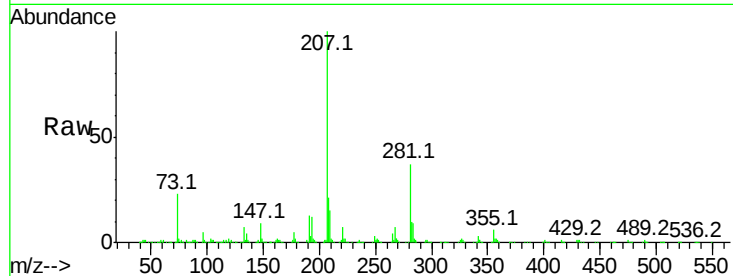




#84
Di-n-octyl phthalate
Concen: 0.03 ng
RT: 22.31 min Scan# 3268
Delta R.T. 0.01 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

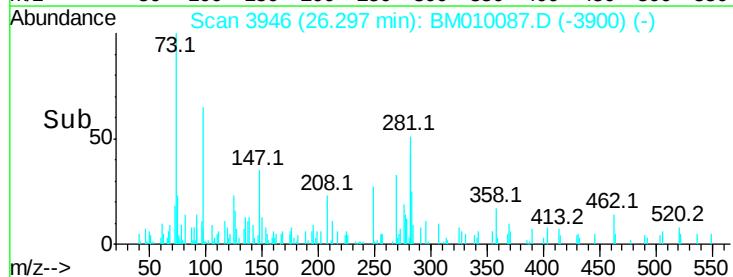
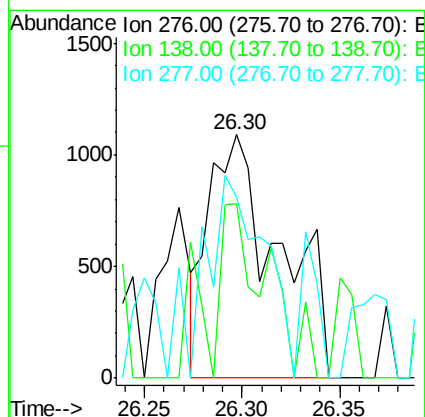
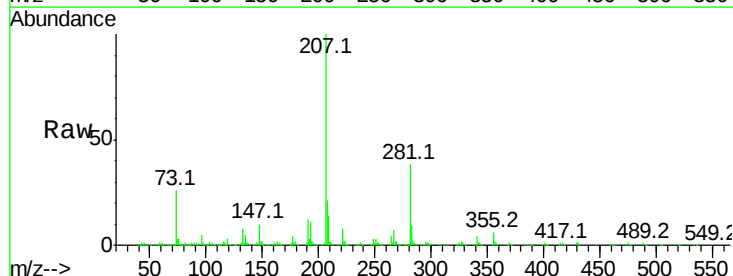
Instrument :
BNA_M
ClientSampleId :

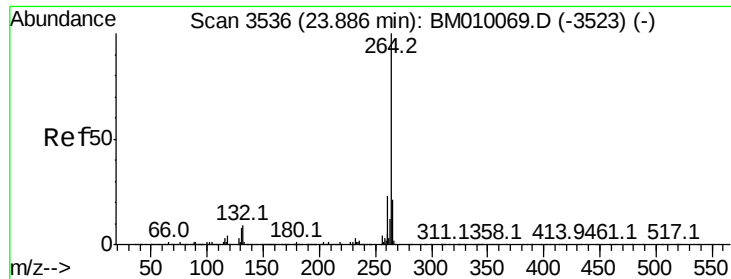
Tot Ion:149 Resp: 2122
Ion Ratio Lower Upper
149 100
167 23.9 1.2 1.8#
43 39.4 7.3 10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.03 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010087.D
Acq: 20 May 2017 02:02

Tgt Ion:276 Resp: 2740
Ion Ratio Lower Upper
276 100
138 46.9 0.0 0.0#
277 71.1 0.0 0.0#

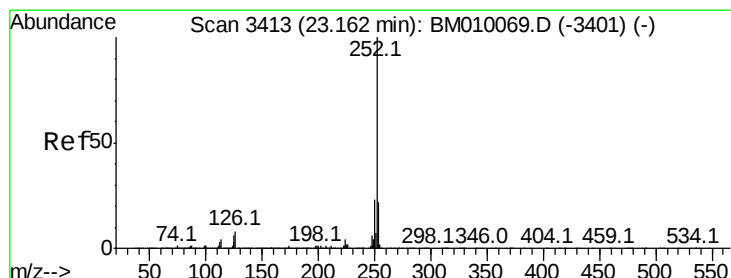
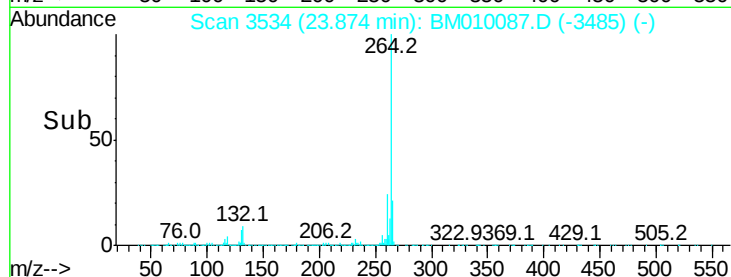
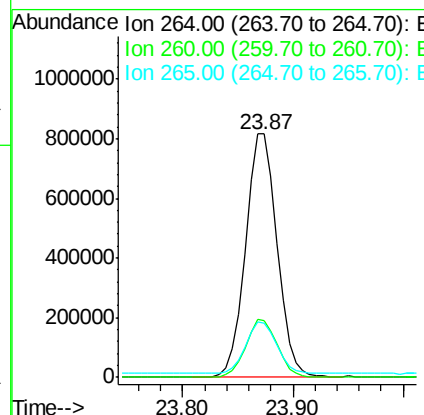
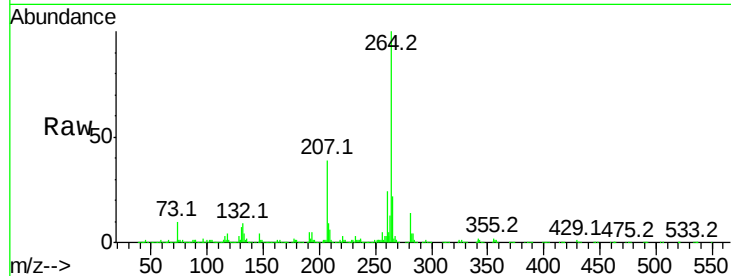




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 23.87 min Scan# 3534
 Delta R.T. -0.01 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

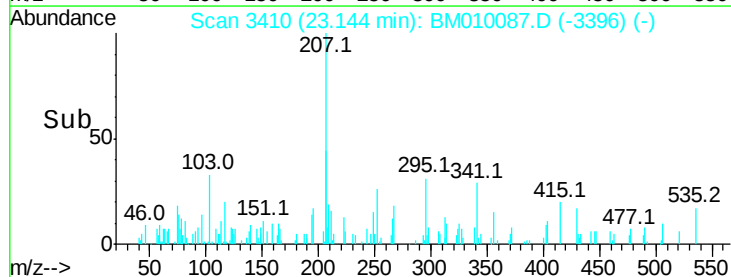
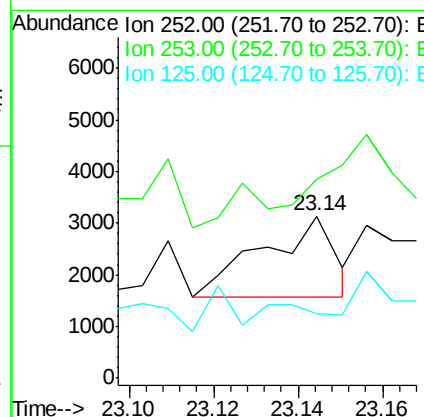
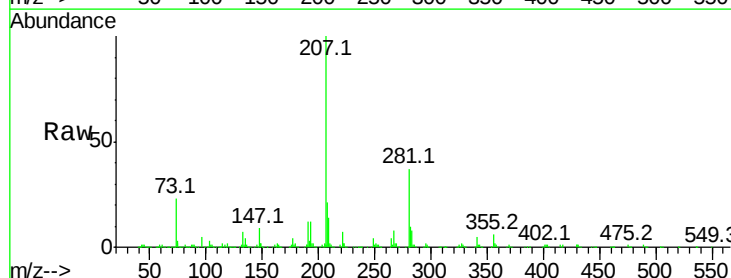
Instrument :
 BNA_M
 ClientSampled :

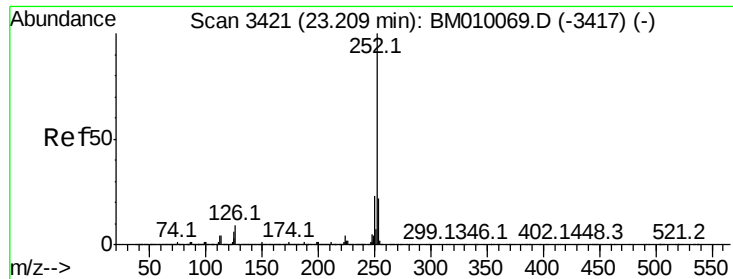
Tot Ion:264 Resp: 1644944
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 22.1 17.3 25.9



#87
 Benzo(b)fluoranthene
 Concen: 0.02 ng
 RT: 23.14 min Scan# 3410
 Delta R.T. -0.02 min
 Lab File: BM010087.D
 Acq: 20 May 2017 02:02

Tgt Ion:252 Resp: 1845
 Ion Ratio Lower Upper
 252 100
 253 122.3 18.0 27.0#
 125 39.5 9.9 14.9#





#88

Benzo(k)fluoranthene

Concen: 0.02 ng

RT: 23.19 min Scan# 3417

Delta R.T. -0.02 min

Lab File: BM010087.D

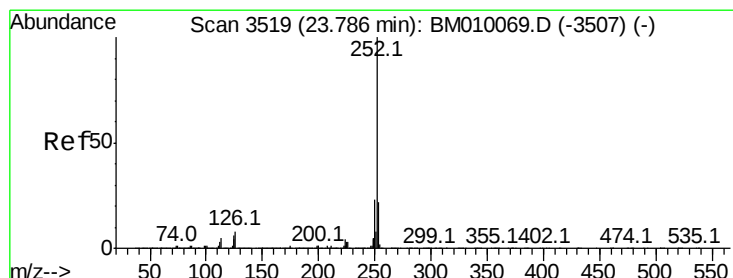
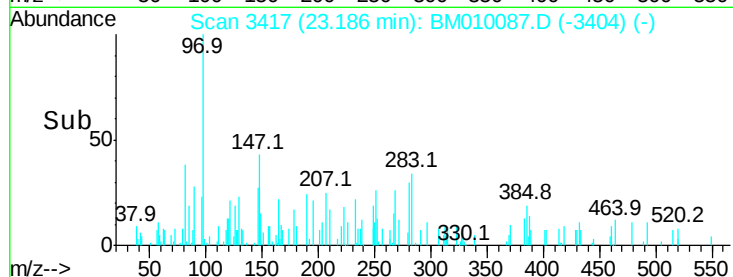
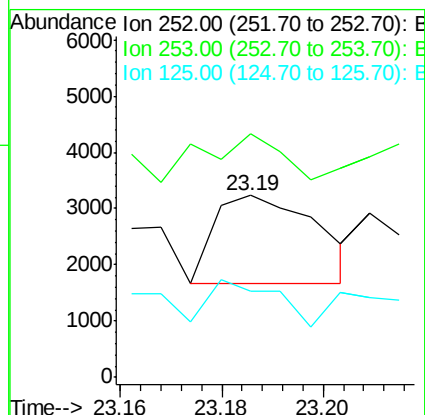
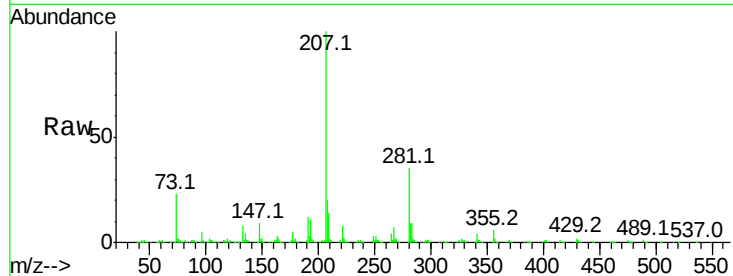
Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	2194
Ion	Ratio	Lower	Upper
252	100		
253	134.0	17.2	25.8#
125	72.1	8.1	12.1#



#89

Benzo(a)pyrene

Concen: 0.02 ng

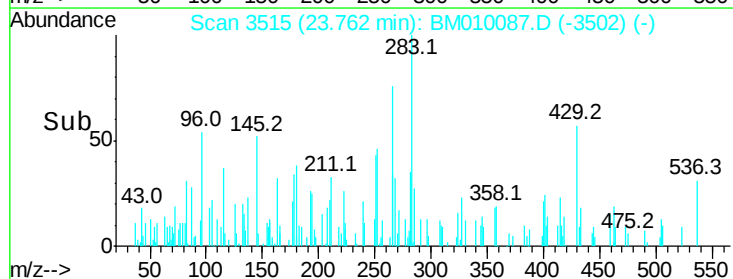
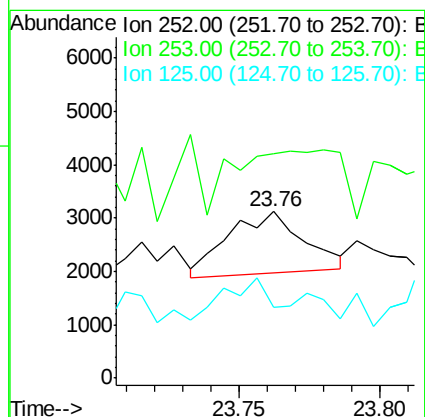
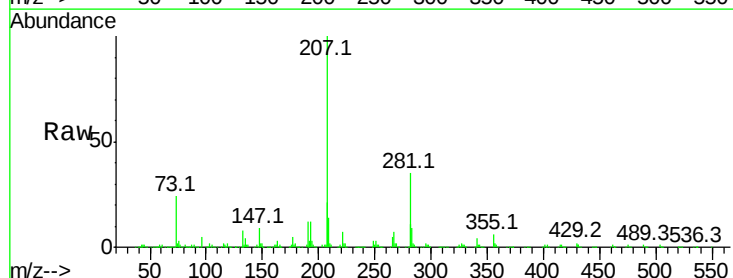
RT: 23.76 min Scan# 3515

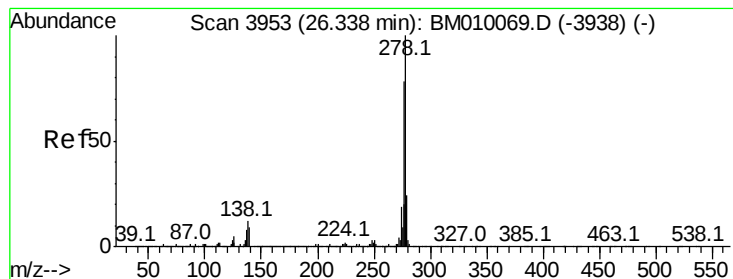
Delta R.T. -0.02 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Tgt Ion:	252	Resp:	2173
Ion	Ratio	Lower	Upper
252	100		
253	134.3	17.6	26.4#
125	42.7	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.32 min Scan# 3950

Delta R.T. -0.02 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

Instrument :

BNA_M

ClientSampleId :

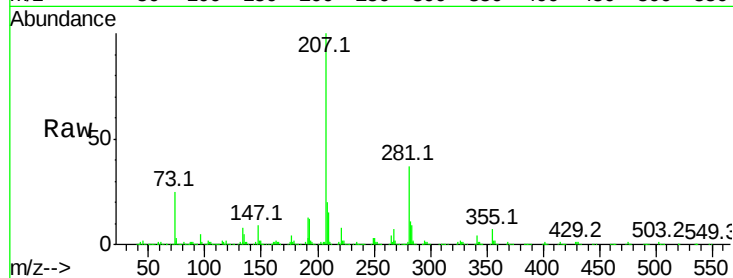
Tot Ion:278 Resp: 1736

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

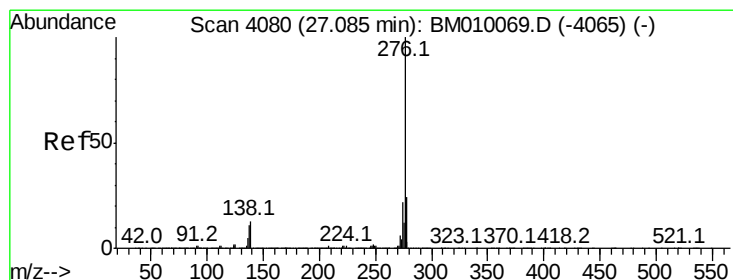
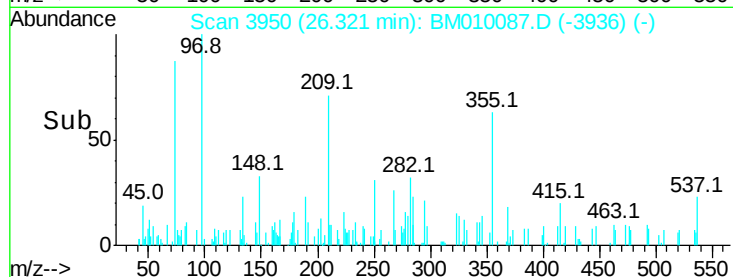
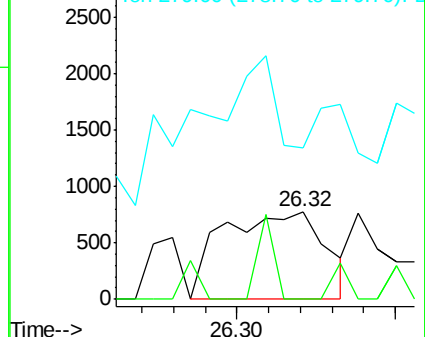
279 172.9 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.03 ng

RT: 27.06 min Scan# 4075

Delta R.T. -0.03 min

Lab File: BM010087.D

Acq: 20 May 2017 02:02

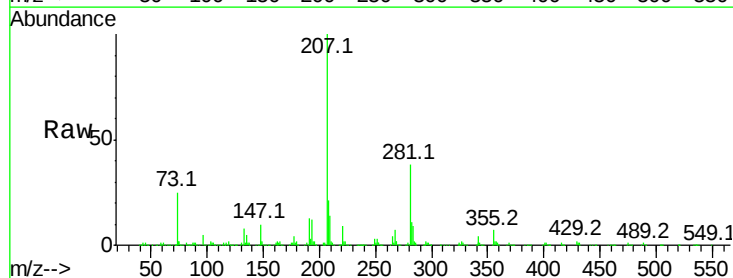
Tgt Ion:276 Resp: 2819

Ion Ratio Lower Upper

276 100

277 62.2 18.5 27.7#

138 37.1 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

