

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010077.D
 Acq On : 19 May 2017 20:03
 Operator : SJ/MA
 Sample : I3202-15
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 03:59:43 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	177269	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	604420	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	295887	20.00	ng	0.00
63) Phenanthrene-d10	17.35	188	894712	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1057217	20.00	ng	0.00
86) Perylene-d12	23.87	264	96488	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1225442	124.84	ng	0.00
7) Phenol-d6	7.16	99	1316509	104.23	ng	0.00
23) Nitrobenzene-d5	9.16	82	996431	88.94	ng	0.00
41) 2,4,6-Tribromophenol	16.09	330	741294	164.96	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	2505878	108.87	ng	0.00
78) Terphenyl-d14	19.95	244	4820895	103.69	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	1276	0.28	ng	# 100
3) Pyridine	3.86	79	583	0.05	ng	# 1
4) n-Nitrosodimethylamine	3.79	42	937	0.21	ng	# 1
8) 2-Chlorophenol	7.55	128	173	0.02	ng	# 20
9) Benzaldehyde	7.16	77	6247	0.79	ng	# 41
10) Phenol	7.19	94	881	0.07	ng	# 1
13) 1,4-Dichlorobenzene	8.01	146	352	0.03	ng	# 25
14) 1,2-Dichlorobenzene	8.33	146	357	0.03	ng	# 63
15) Benzyl Alcohol	8.29	79	17695	1.85	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	8.55	45	233	0.02	ng	# 66
18) Hexachloroethane	9.06	117	1004	0.22	ng	# 1
19) n-Nitroso-di-n-propylamine	8.83	70	116	0.01	ng	# 37
22) Acetophenone	8.83	105	1084	0.07	ng	# 65
24) Nitrobenzene	9.24	77	1008	0.09	ng	# 42
25) Isophorone	9.73	82	529	0.03	ng	# 62
31) Naphthalene	10.83	128	67837	2.10	ng	# 95
32) Benzoic acid	10.07	122	126	0.02	ng	# 1
37) 2-Methylnaphthalene	12.43	142	18117	0.78	ng	# 91
45) 1,1'-Biphenyl	13.45	154	3679	0.15	ng	# 66
48) Acenaphthylene	14.33	152	106	0.00	ng	# 61
49) Dimethylphthalate	14.00	163	121	0.00	ng	# 77
50) 2,6-Dinitrotoluene	14.19	165	108	0.02	ng	# 24
51) Acenaphthene	14.66	154	1907	0.11	ng	# 91
54) Dibenzofuran	15.00	168	1815	0.06	ng	# 85
55) 4-Nitrophenol	14.91	139	120	0.03	ng	# 18
56) 2,4-Dinitrotoluene	14.96	165	262	0.04	ng	# 11
57) Fluorene	15.65	166	3170	0.13	ng	# 93
59) Diethylphthalate	15.42	149	3238	0.13	ng	# 89
62) Azobenzene	15.92	77	365	0.02	ng	# 41
67) Hexachlorobenzene	16.69	284	241	0.02	ng	# 47
69) Pentachlorophenol	16.99	266	111	0.01	ng	# 21
70) Phenanthrene	17.39	178	5228	0.10	ng	# 85
71) Anthracene	17.49	178	858	0.02	ng	# 39
72) Carbazole	17.74	167	145	0.00	ng	# 59

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 ALS Vial : 4 Sample Multiplier: 1

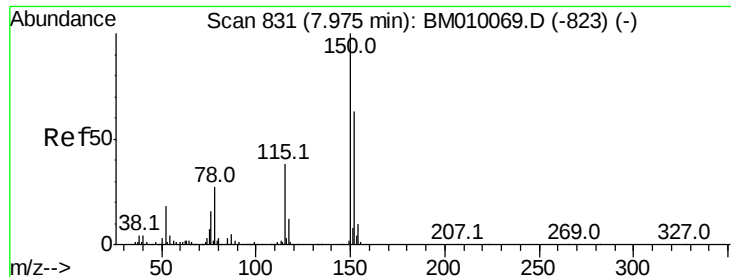
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 03:59:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

73) Di-n-butylphthalate	18.29	149	8363	0.16	nq	# 92
74) Fluoranthene	19.39	202	1568	0.02	nq	# 45
77) Pyrene	19.76	202	744	0.01	nq	# 19
79) Butylbenzylphthalate	20.64	149	293	0.01	nq	# 54
80) Benzo(a)anthracene	21.51	228	4866	0.08	nq	# 55
81) 3,3'-Dichlorobenzidine	21.44	252	788	0.03	nq	# 91
82) Chrysene	21.54	228	1132	0.02	nq	# 59
83) Bis(2-ethylhexyl)phthalate	21.38	149	6337	0.20	nq	# 73
84) Di-n-octyl phthalate	22.29	149	2251	0.04	nq	# 68
85) Indeno(1,2,3-cd)pyrene	26.34	276	206	0.00	nq	# 100
87) Benzo(b)fluoranthene	23.17	252	2433	0.43	nq	# 1
88) Benzo(k)fluoranthene	23.19	252	2211	0.40	nq	# 1
89) Benzo(a)pyrene	23.78	252	670	0.12	nq	# 1
90) Dibenzo(a,h)anthracene	26.33	278	1581	0.26	nq	# 1
91) Benzo(a,h,i)perylene	27.09	276	435	0.07	nq	# 1

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

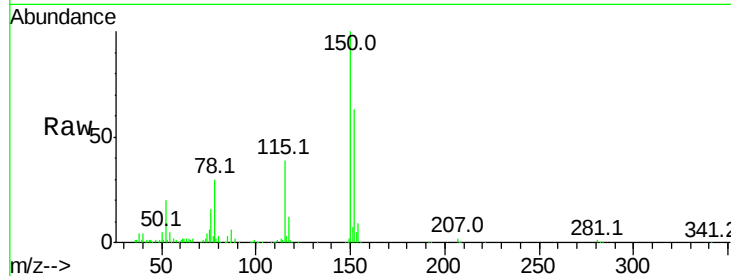


#1

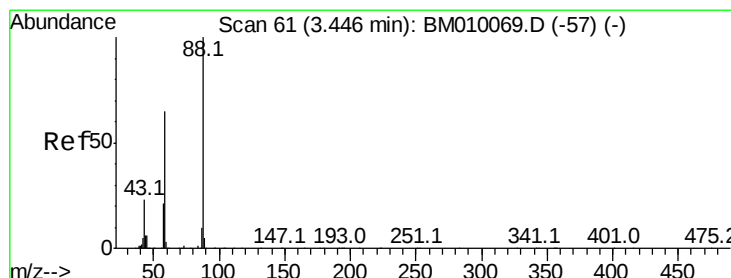
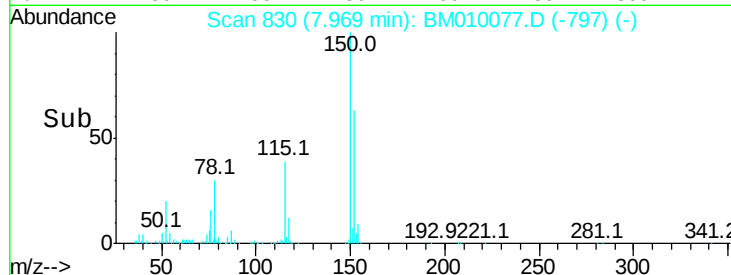
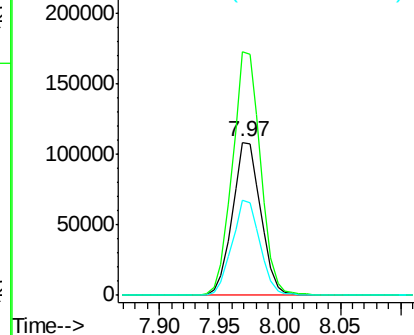
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	119.5	179.3
115	62.3	43.0	64.4



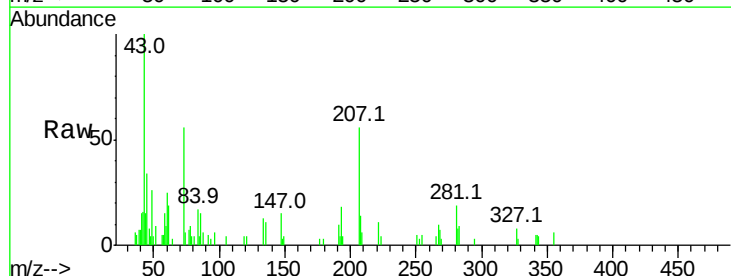
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



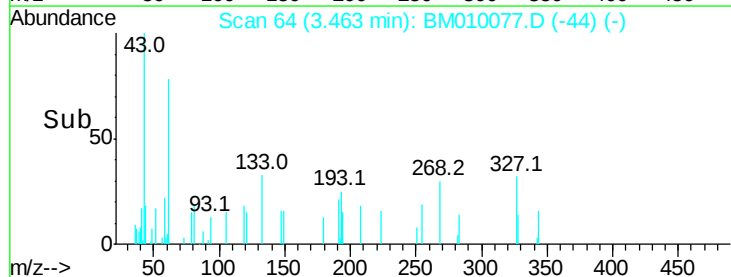
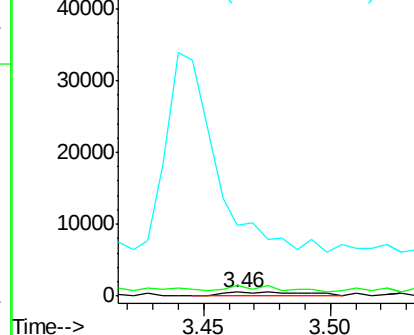
#2

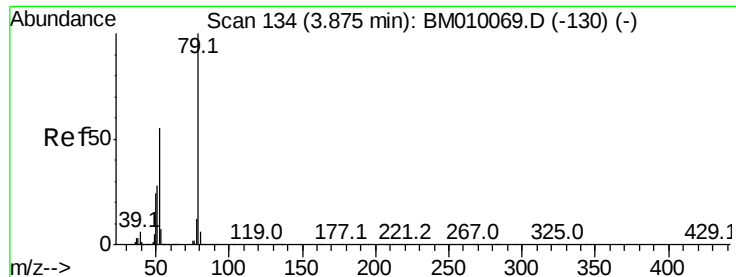
1,4-Dioxane
Concen: 0.28 ng
RT: 3.46 min Scan# 64
Delta R.T. 0.02 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	108.1	0.0	0.0#
43	0.0	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: 0.05 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

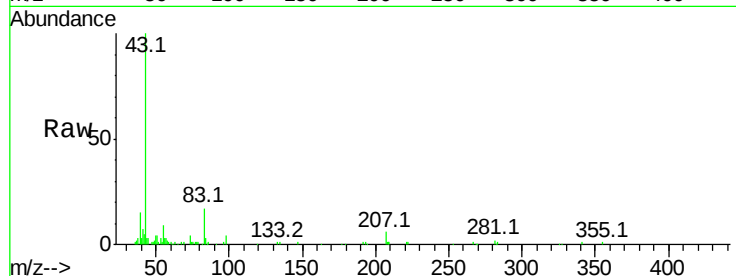
Tot Ion: 79 Resp: 583

Ion Ratio Lower Upper

79 100

52 164.8 51.1 76.7#

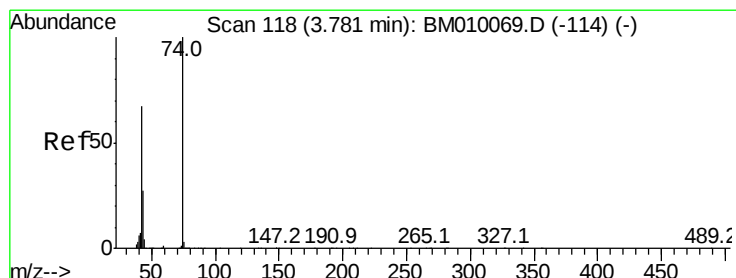
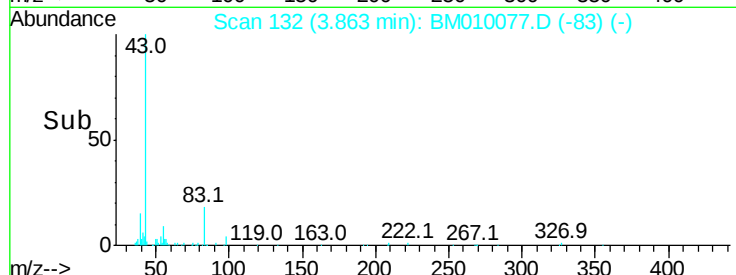
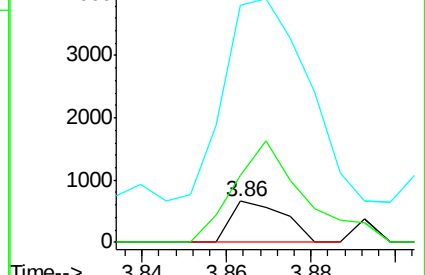
51 578.0 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM010069.D (-130) (-)

Ion 52.00 (51.70 to 52.70): BM010069.D (-130) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-130) (-)



#4

n-Nitrosodimethylamine

Concen: 0.21 ng

RT: 3.79 min Scan# 120

Delta R.T. 0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

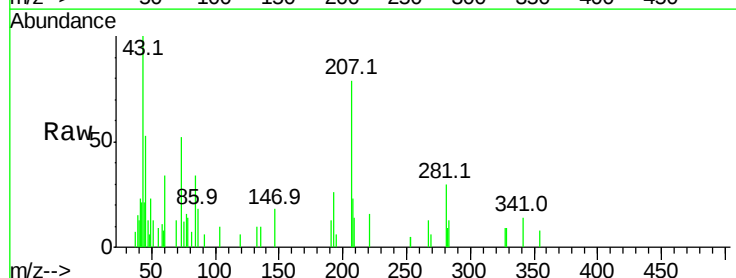
Tgt Ion: 42 Resp: 937

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

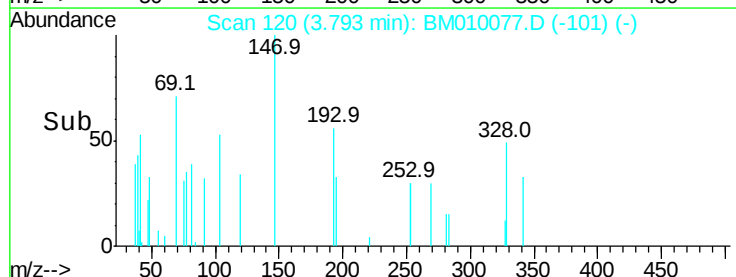
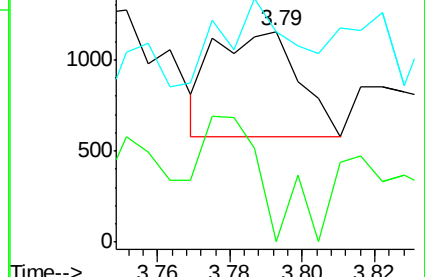
44 99.8 5.4 8.2#

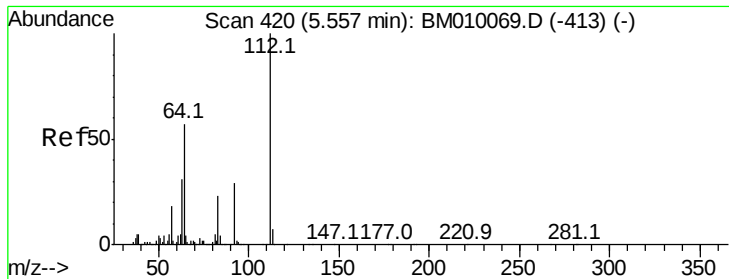


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

Ion 74.00 (73.70 to 74.70): BM010069.D (-114) (-)

Ion 44.00 (43.70 to 44.70): BM010069.D (-114) (-)





#5

2-Fluorophenol

Concen: 124.84 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

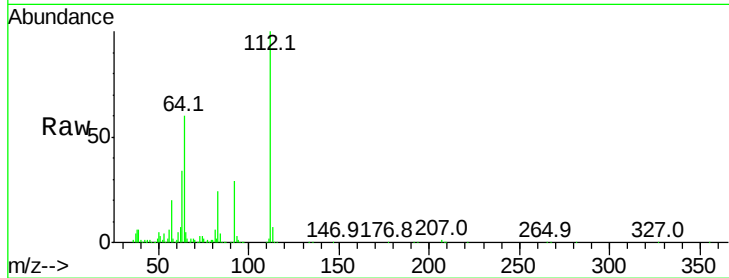
Tot Ion:112 Resp: 1225442

Ion Ratio Lower Upper

112 100

64 60.5 38.6 57.8#

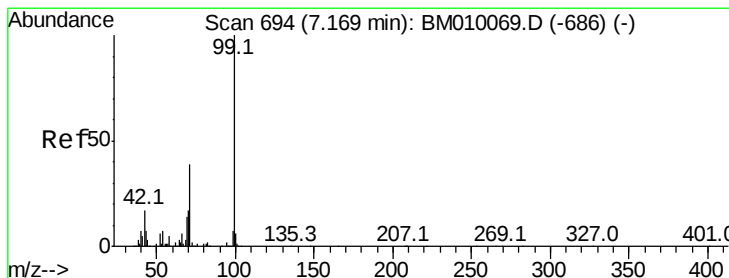
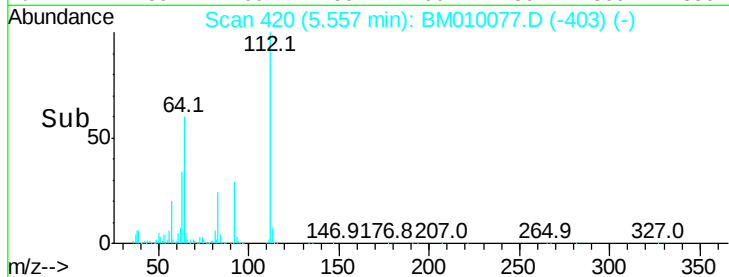
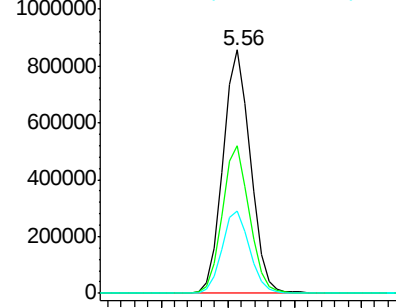
63 34.0 19.3 28.9#



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



#7

Phenol-d6

Concen: 104.23 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

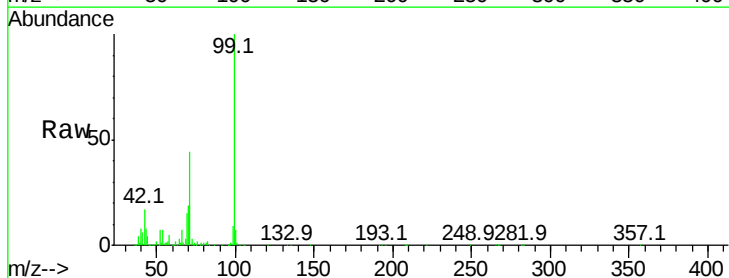
Tgt Ion: 99 Resp: 1316509

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

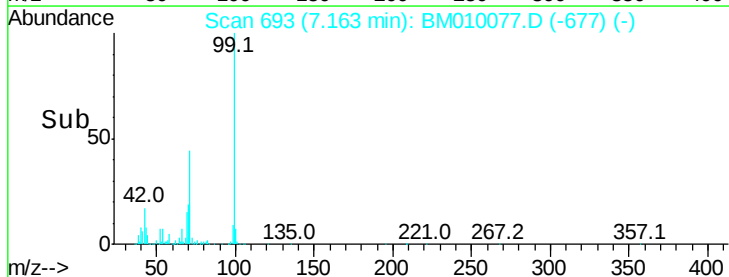
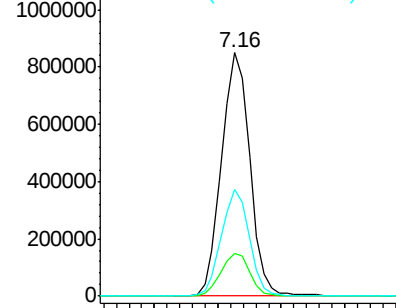
71 43.8 23.4 35.2#

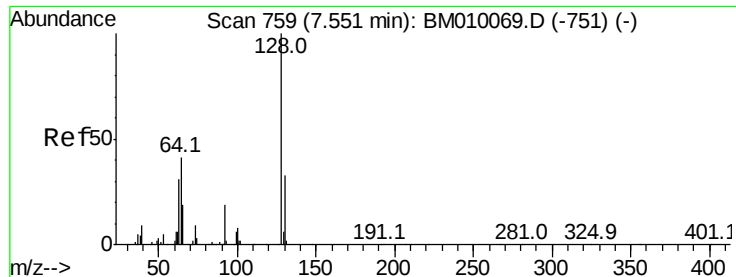


Abundance Ion 99.00 (98.70 to 99.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 71.00 (70.70 to 71.70): BM0





#8

2-Chlorophenol

Concen: 0.02 ng

RT: 7.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

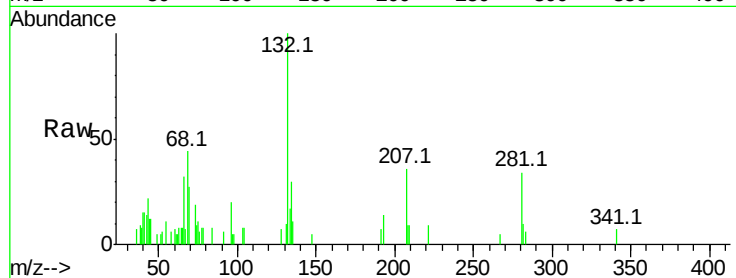
Tot Ion:128 Resp: 173

Ion Ratio Lower Upper

128 100

130 0.0 12.0 52.0#

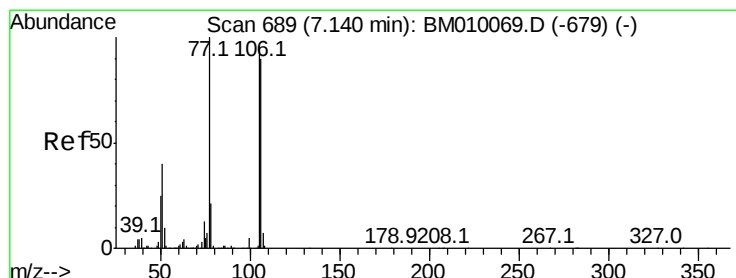
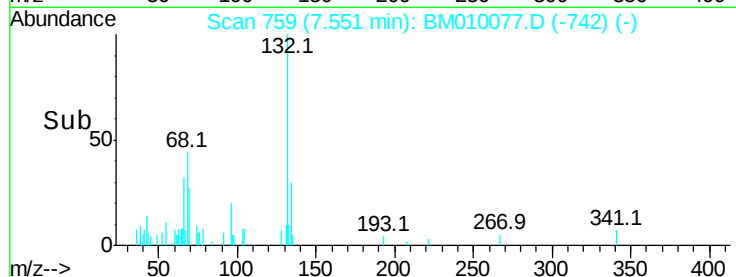
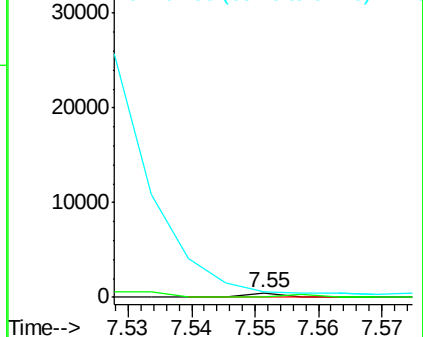
64 108.2 24.9 64.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 0.79 ng

RT: 7.16 min Scan# 693

Delta R.T. 0.02 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

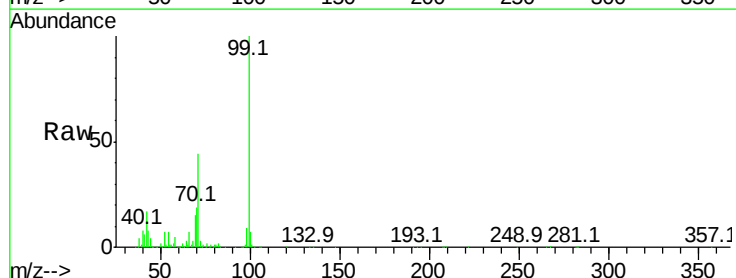
Tgt Ion: 77 Resp: 6247

Ion Ratio Lower Upper

77 100

105 60.1 78.8 118.8#

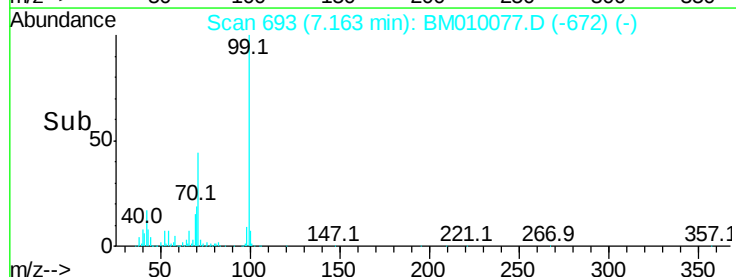
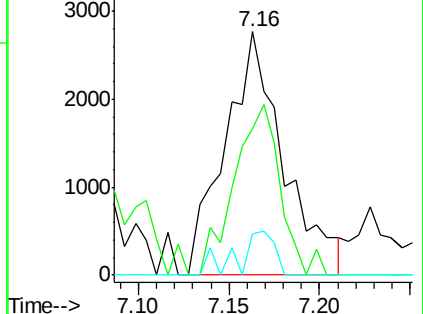
106 16.9 73.7 113.7#

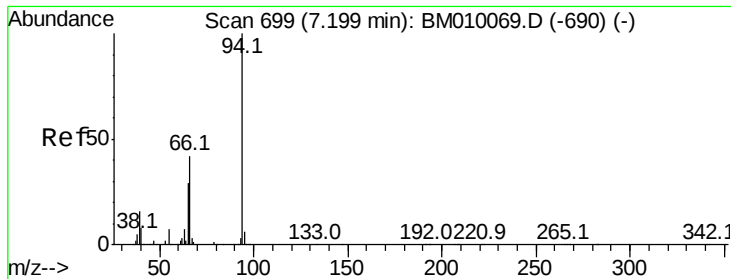


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.07 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

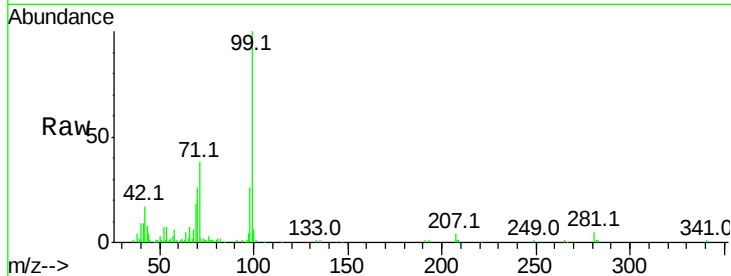
Tot Ion: 94 Resp: 881

Ion Ratio Lower Upper

94 100

65 290.7 18.8 58.8#

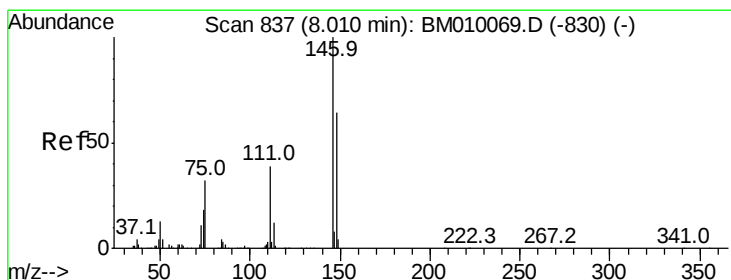
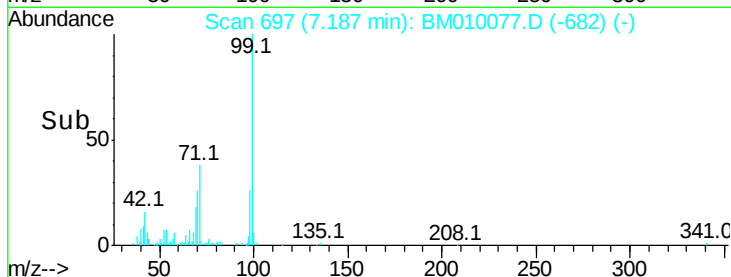
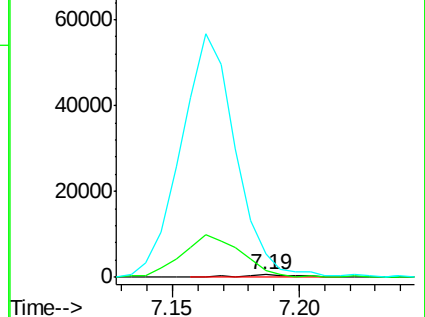
66 953.3 39.9 79.9#



Abundance Ion 94.00 (93.70 to 94.70): BM010069.D (-690) (-)

Ion 65.00 (64.70 to 65.70): BM010069.D (-690) (-)

Ion 66.00 (65.70 to 66.70): BM010069.D (-690) (-)



#13

1,4-Dichlorobenzene

Concen: 0.03 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

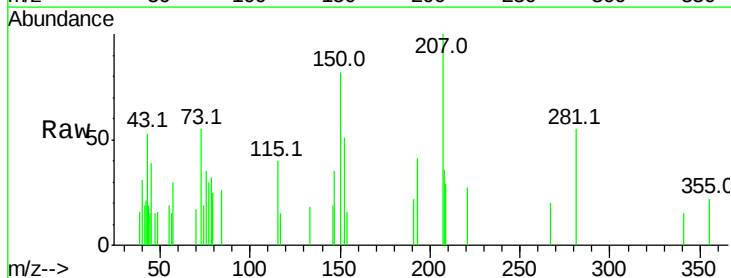
Tgt Ion: 146 Resp: 352

Ion Ratio Lower Upper

146 100

148 0.0 51.9 77.9#

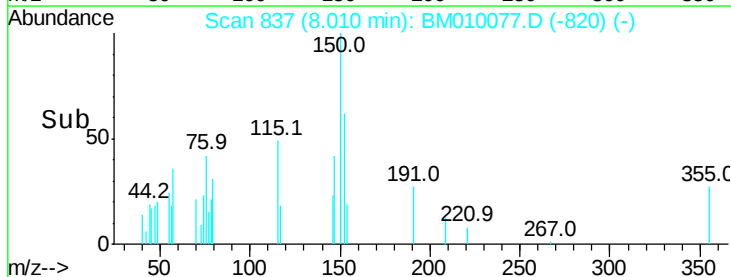
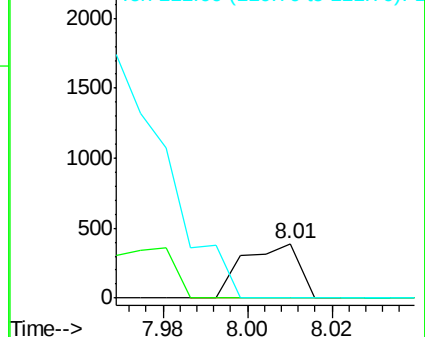
111 0.0 29.2 43.8#

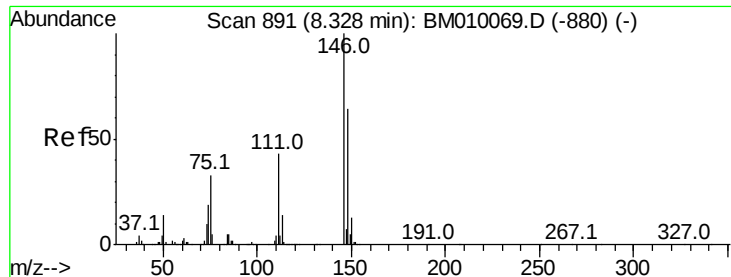


Abundance Ion 146.00 (145.70 to 146.70): BM010069.D (-830) (-)

Ion 148.00 (147.70 to 148.70): BM010069.D (-830) (-)

Ion 111.00 (110.70 to 111.70): BM010069.D (-830) (-)

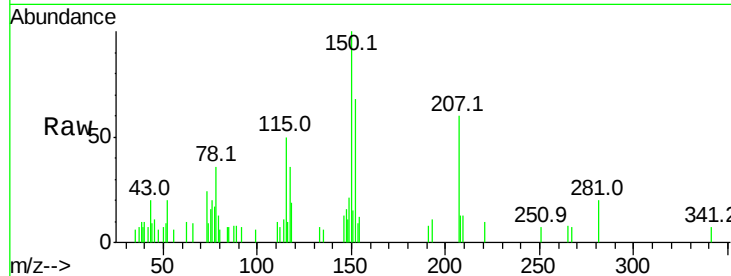




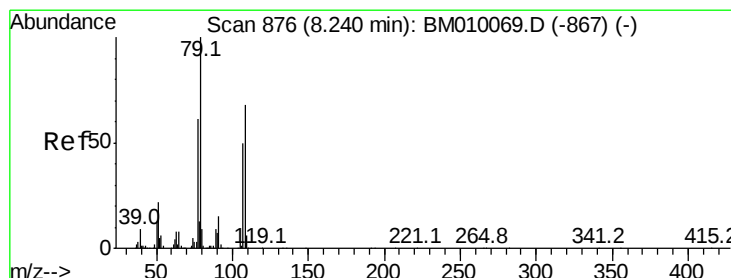
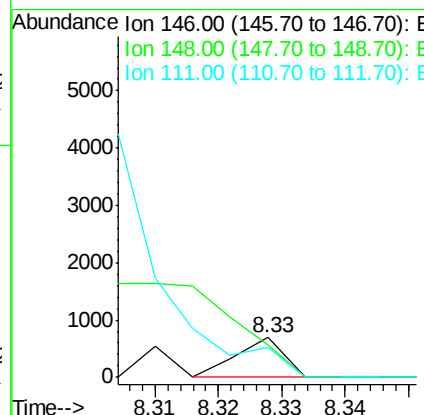
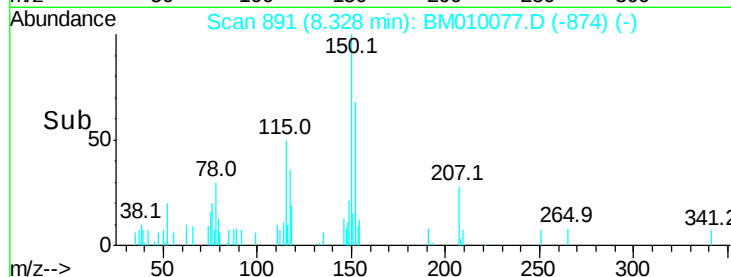
#14
 1,2-Dichlorobenzene
 Concen: 0.03 ng
 RT: 8.33 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:146 Resp: 357
 Ion Ratio Lower Upper
 146 100
 148 82.4 52.3 78.5#
 111 76.6 30.6 45.8#

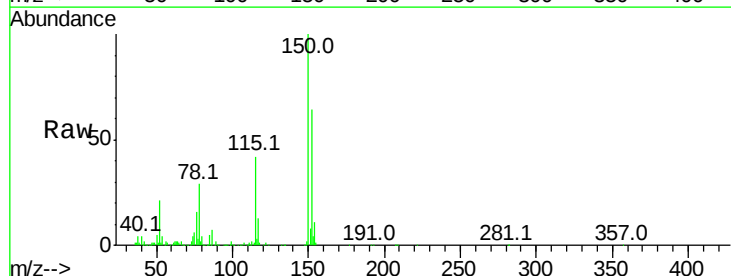


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

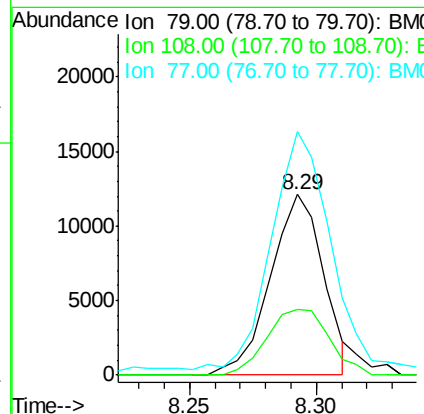
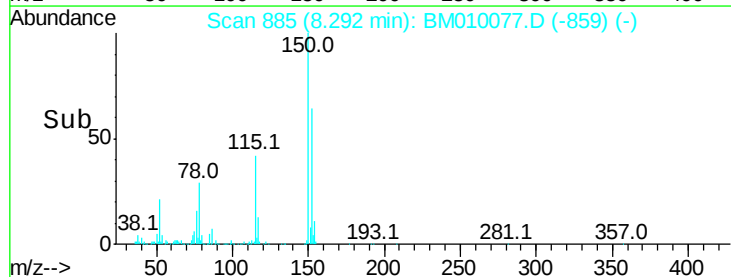


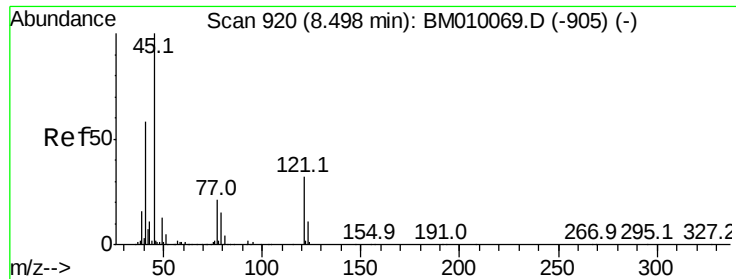
#15
 Benzyl Alcohol
 Concen: 1.85 ng
 RT: 8.29 min Scan# 885
 Delta R.T. 0.05 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion: 79 Resp: 17695
 Ion Ratio Lower Upper
 79 100
 108 36.3 65.0 97.4#
 77 135.1 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BM0

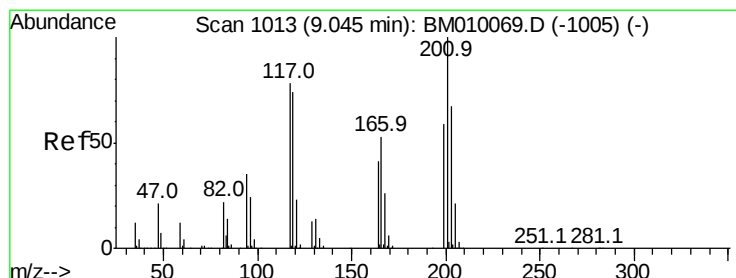
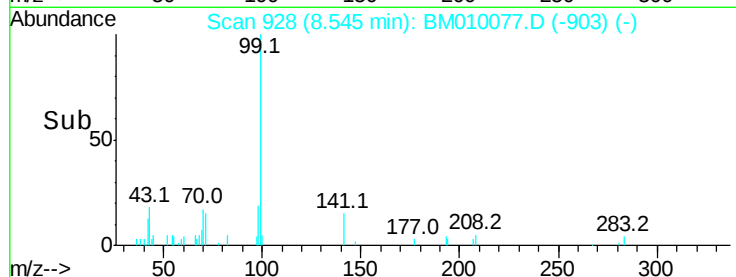
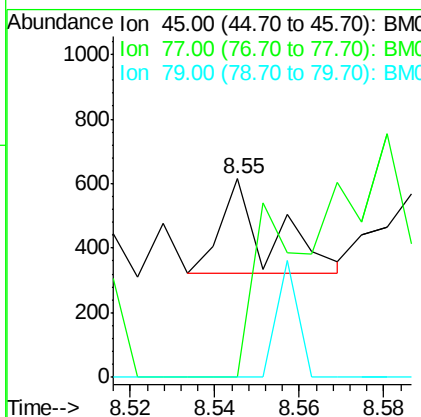
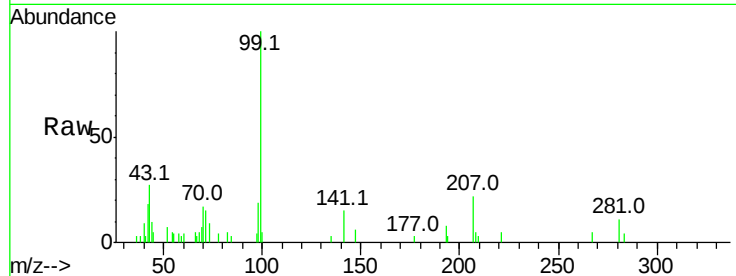




#16
 2,2'-oxvbis(1-Chloropropane)
 Concen: 0.02 ng
 RT: 8.55 min Scan# 928
 Delta R.T. 0.05 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

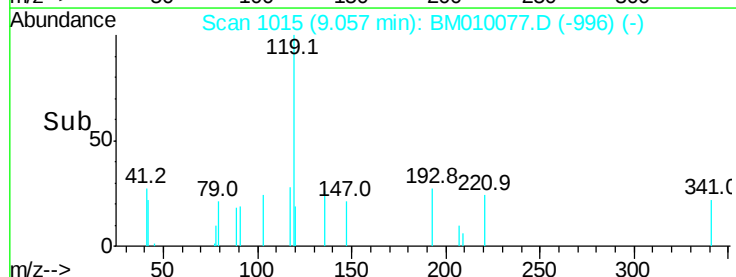
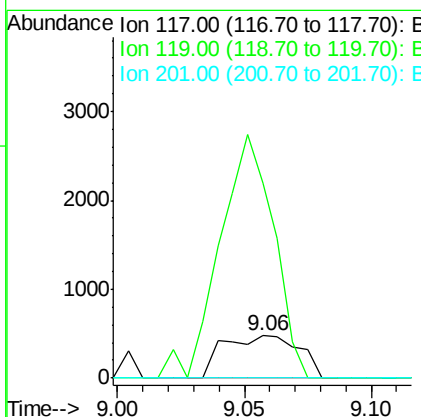
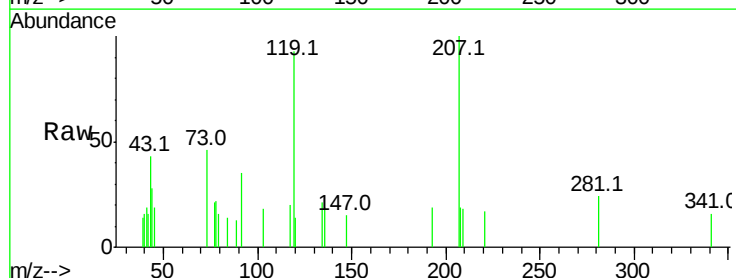
Instrument :
 BNA_M
 ClientSampleId :

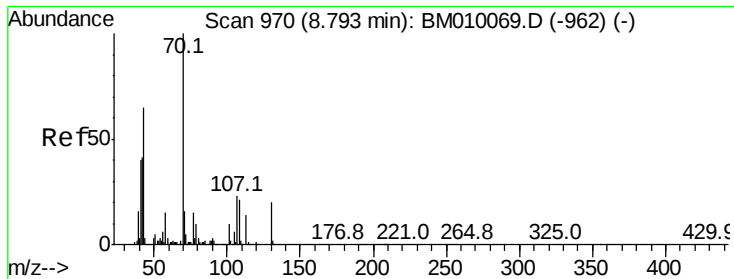
Tot Ion	Ratio	Lower	Upper
45	100		
77	0.0	0.0	35.2
79	0.0	0.0	32.0



#18
 Hexachloroethane
 Concen: 0.22 ng
 RT: 9.06 min Scan# 1015
 Delta R.T. 0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	460.7	79.2	118.8#
201	0.0	69.8	104.6#





#19

n-Nitroso-di-n-propylamine

Concen: 0.01 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.04 min

Lab File: BM010077.D

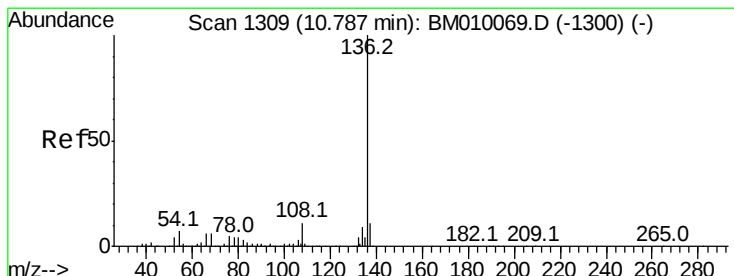
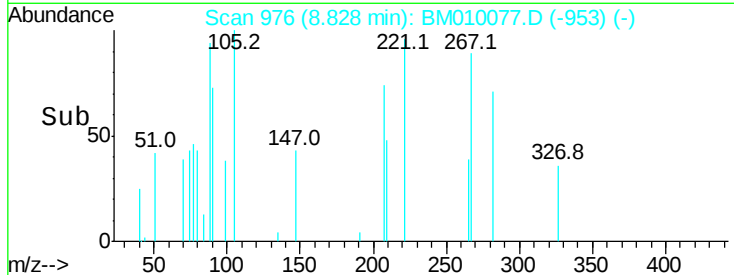
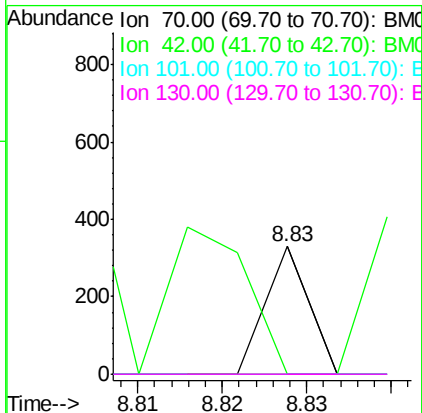
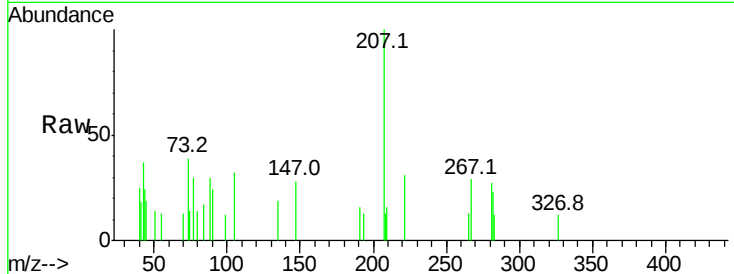
Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

Tot Ion:	70	Resp:	116
Ion	Ratio	Lower	Upper
70	100		
42	0.0	44.5	66.7#
101	0.0	7.4	11.2#
130	0.0	15.3	22.9#



#21

Naphthalene-d8

Concen: 20.00 ng

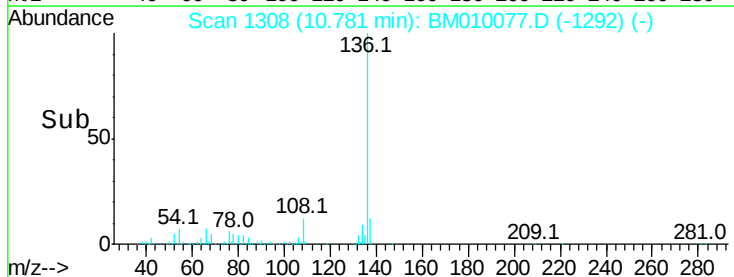
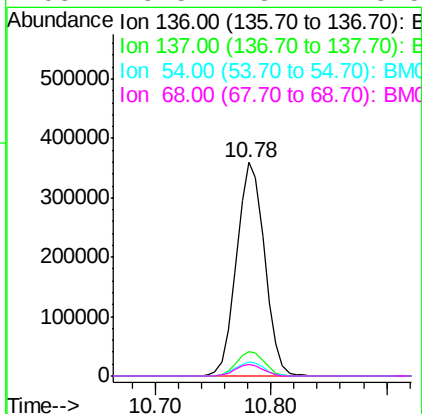
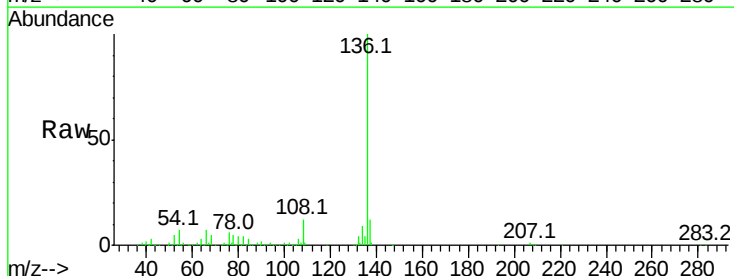
RT: 10.78 min Scan# 1308

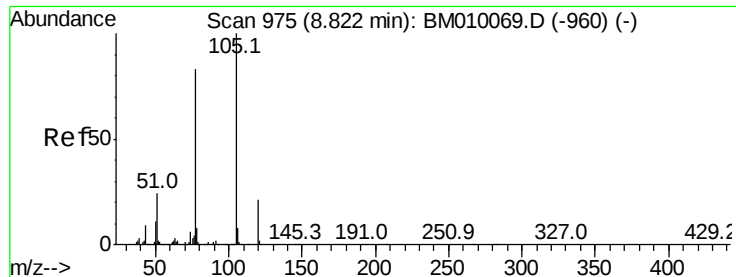
Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Tgt Ion:	136	Resp:	604420
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	6.6	4.6	6.8
68	5.5	3.7	5.5





#22

Acetophenone

Concen: 0.07 ng

RT: 8.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BM010077.D

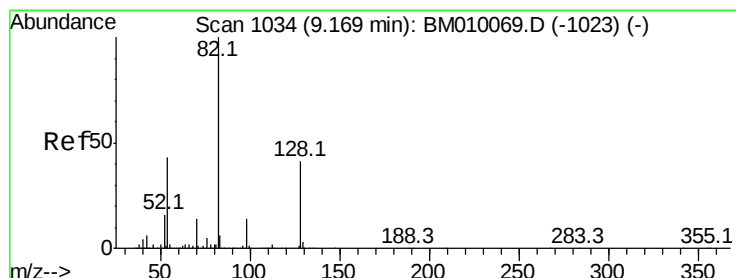
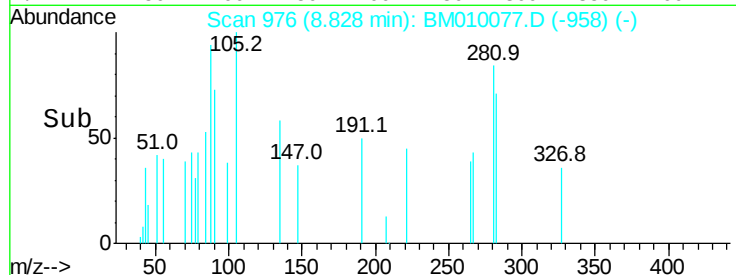
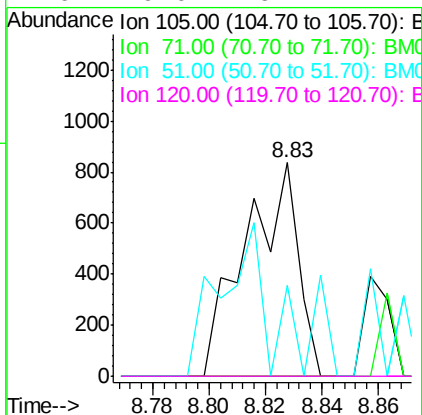
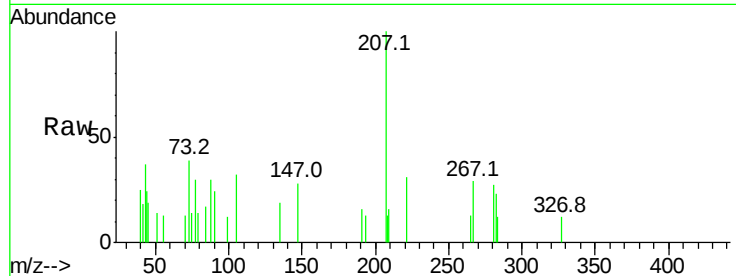
Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	105	Resp:	1084
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	42.4	21.6	32.4#
120	0.0	16.1	24.1#



#23

Nitrobenzene-d5

Concen: 88.94 ng

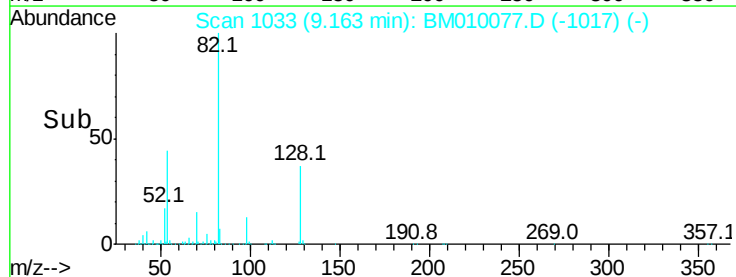
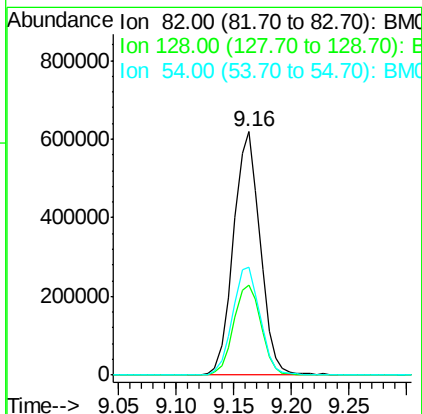
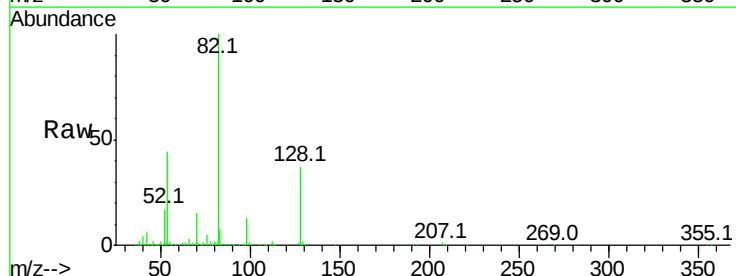
RT: 9.16 min Scan# 1033

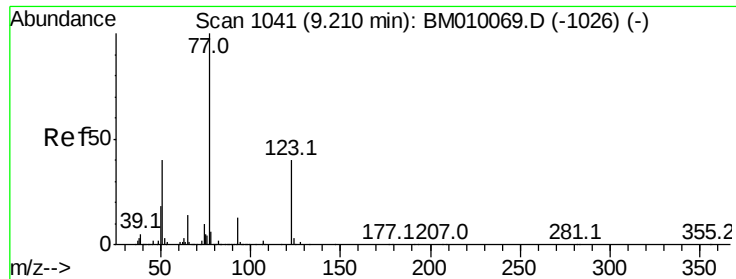
Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Tgt Ion:	82	Resp:	996431
Ion	Ratio	Lower	Upper
82	100		
128	37.2	32.8	49.2
54	44.5	40.6	60.8

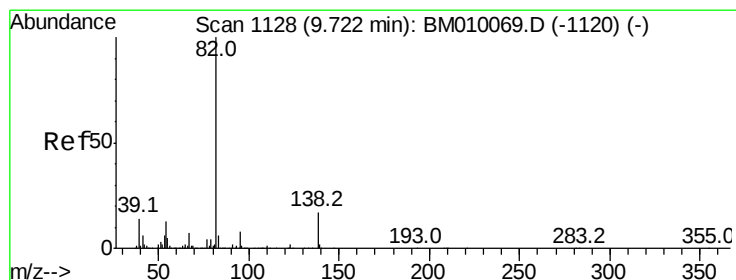
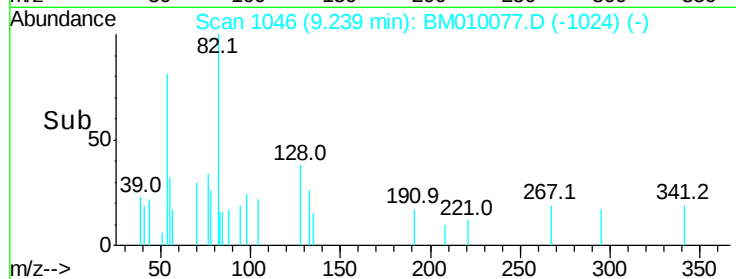
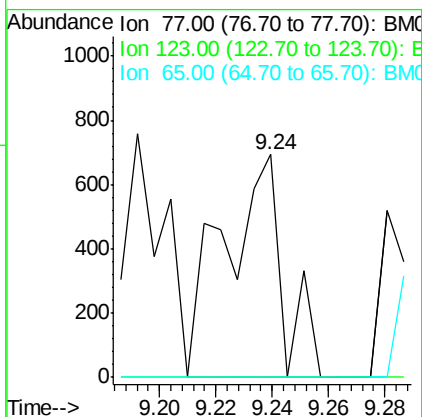
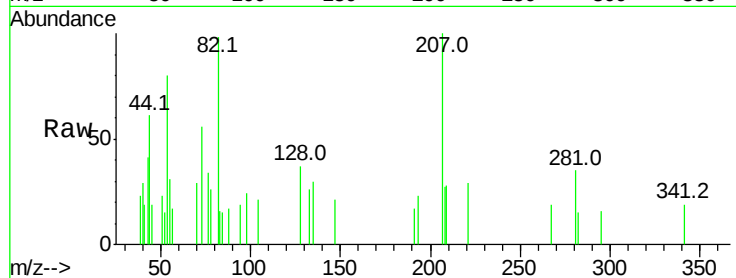




#24
Nitrobenzene
Concen: 0.09 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.03 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

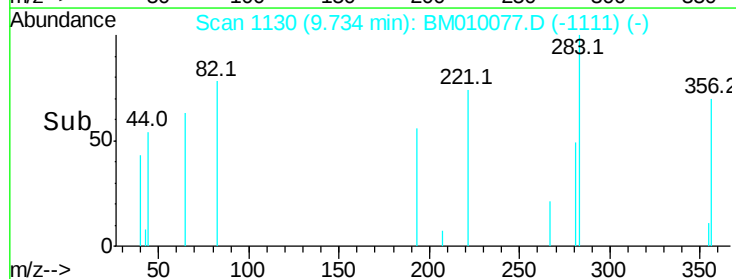
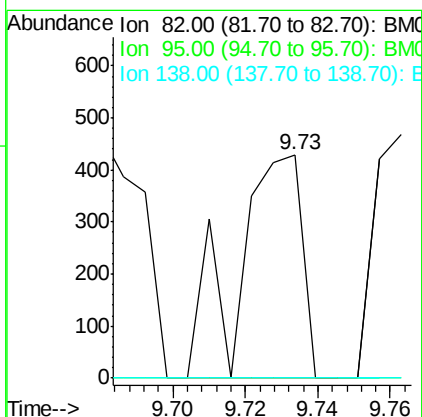
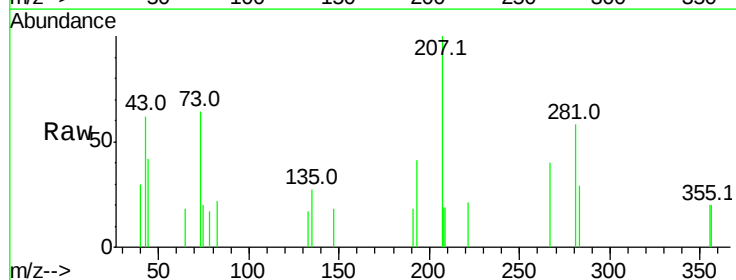
Instrument :
BNA_M
ClientSampleId :

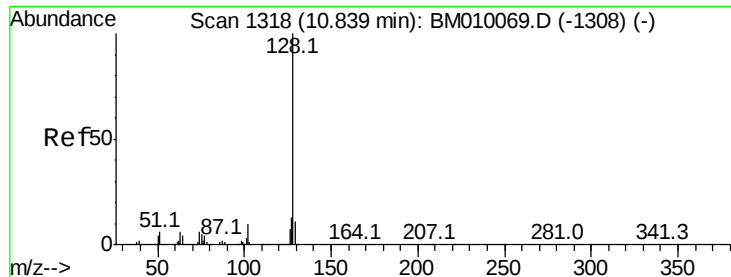
Tot Ion: 77 Resp: 1008
Ion Ratio Lower Upper
77 100
123 0.0 32.6 49.0#
65 0.0 10.9 16.3#



#25
Isophorone
Concen: 0.03 ng
RT: 9.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Tgt Ion: 82 Resp: 529
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 16.3 24.5#





#31

Naphthalene

Concen: 2.10 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

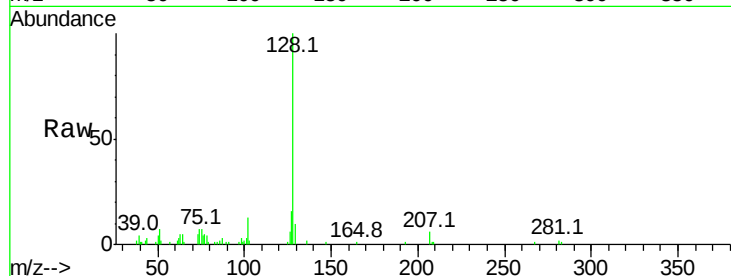
Tot Ion:128 Resp: 67837

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

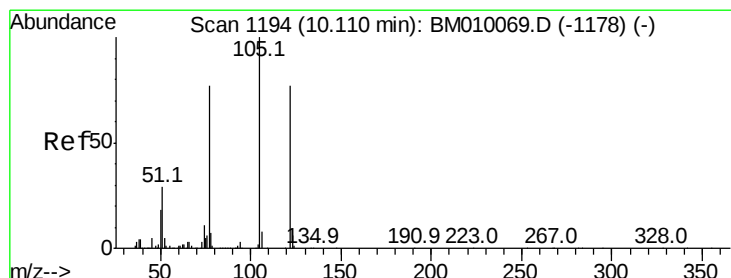
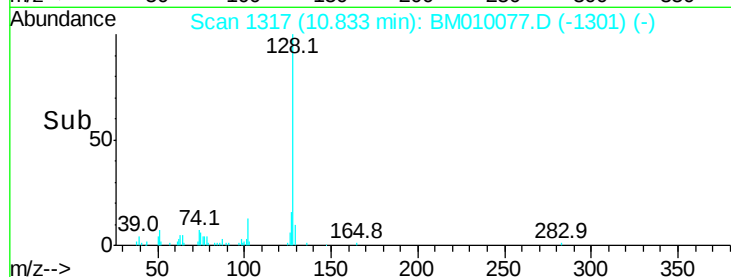
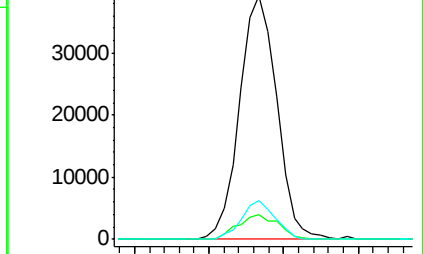
127 16.0 10.4 15.6#



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: 0.02 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

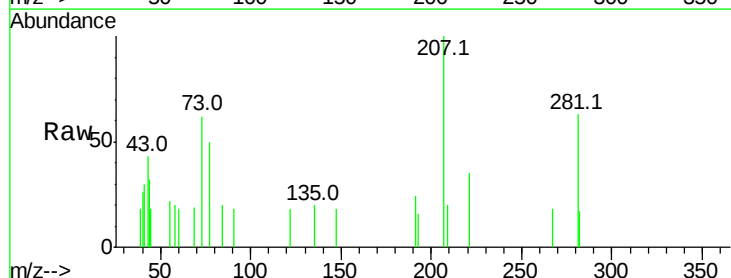
Tgt Ion:122 Resp: 126

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

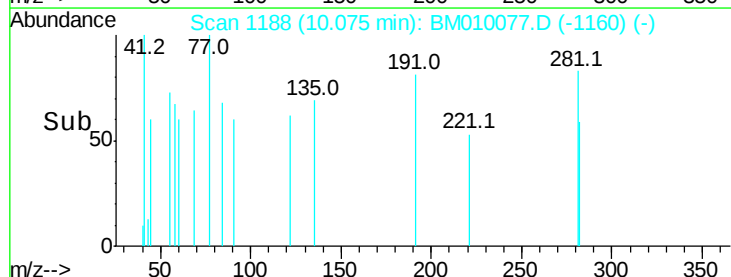
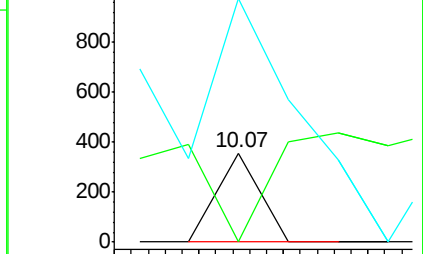
77 272.6 73.7 113.7#

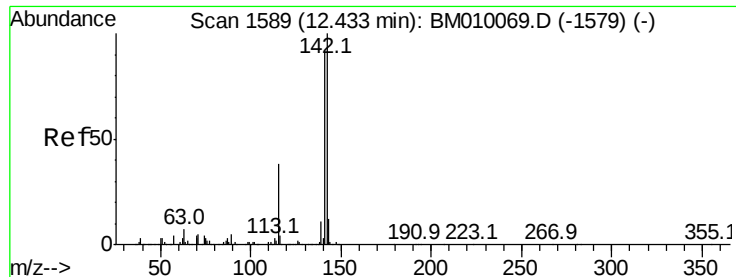


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

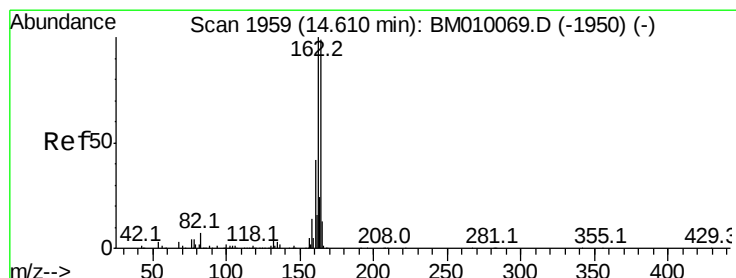
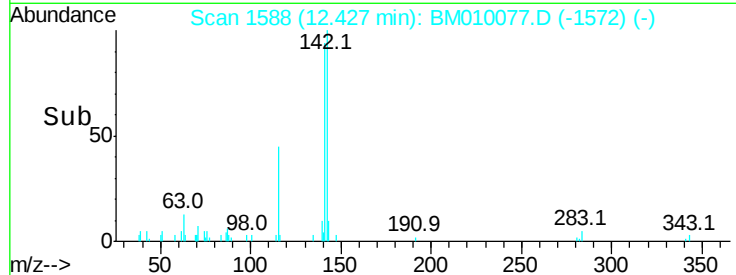
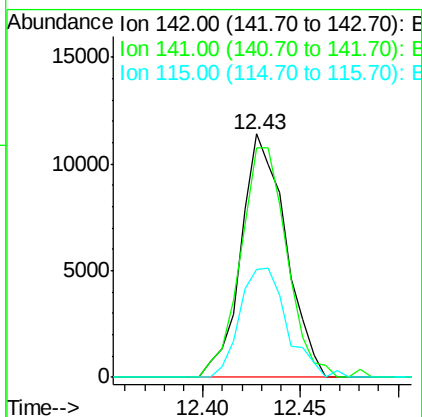
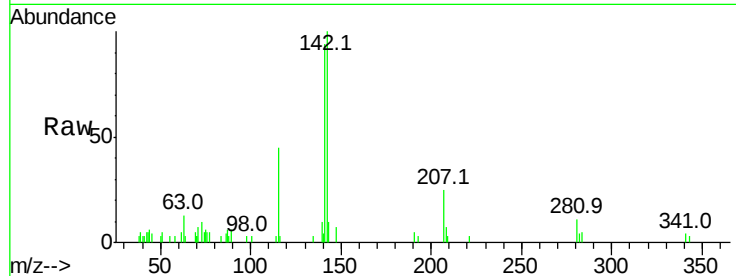




#37
 2-Methylnaphthalene
 Concen: 0.78 ng
 RT: 12.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

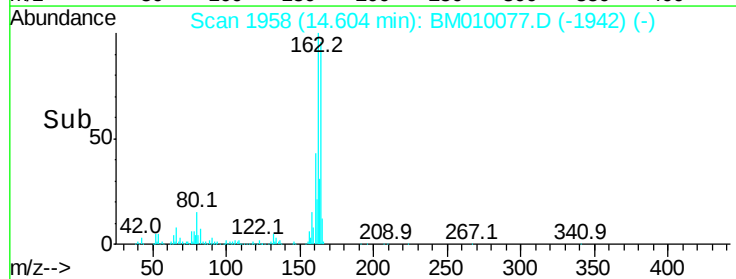
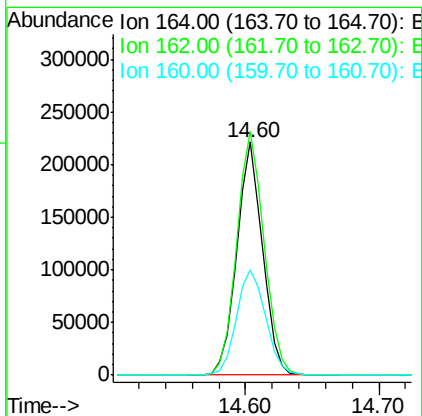
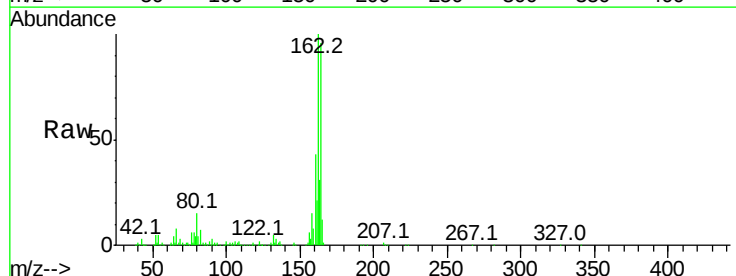
Instrument :
 BNA_M
 ClientSampleId :

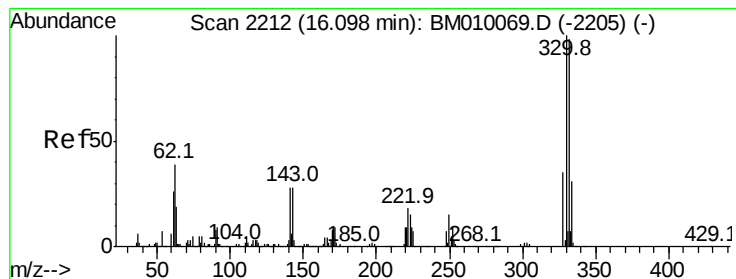
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.2	71.9	107.9
115	44.5	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.4	82.4	123.6
160	45.1	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 164.96 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

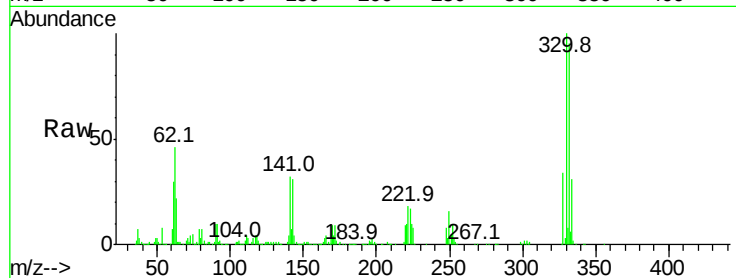
Tot Ion:330 Resp: 741294

Ion Ratio Lower Upper

330 100

332 96.4 0.0 0.0#

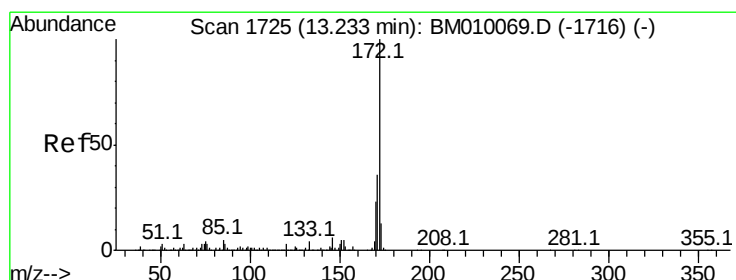
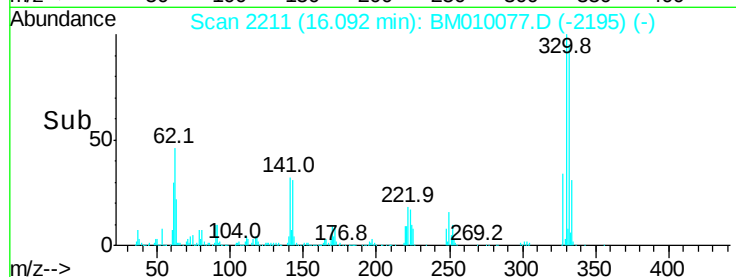
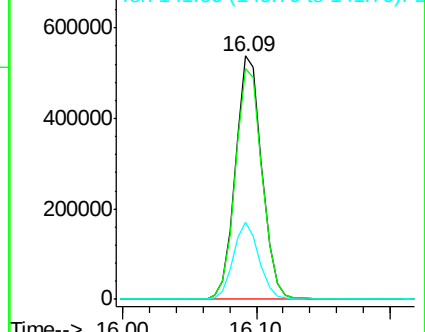
141 31.0 0.0 0.0#



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: 108.87 ng

RT: 13.23 min Scan# 1724

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

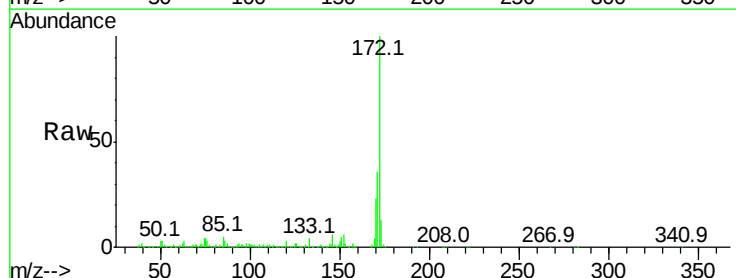
Tgt Ion:172 Resp: 2505878

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

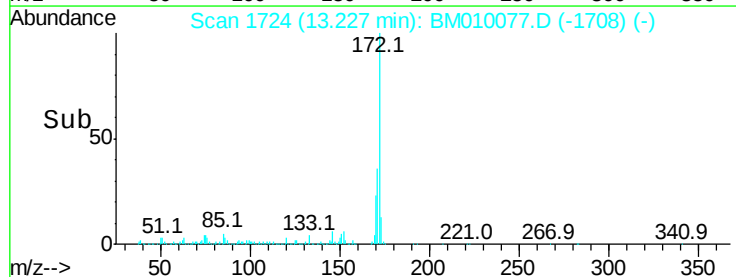
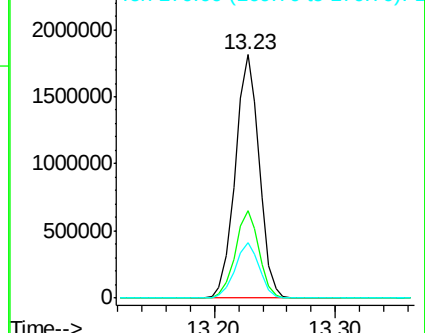
170 22.8 18.8 28.2

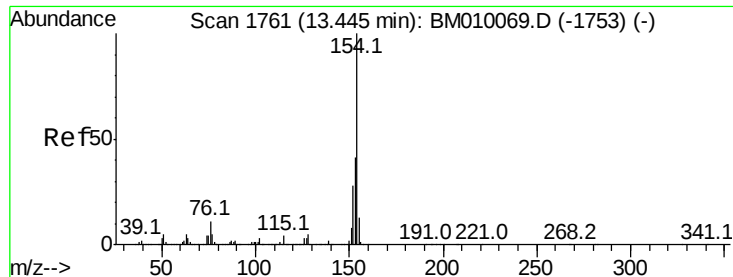


Abundance Ion 172.00 (171.70 to 172.70): E

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: 13.45 min Scan# 1762

Delta R.T. 0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

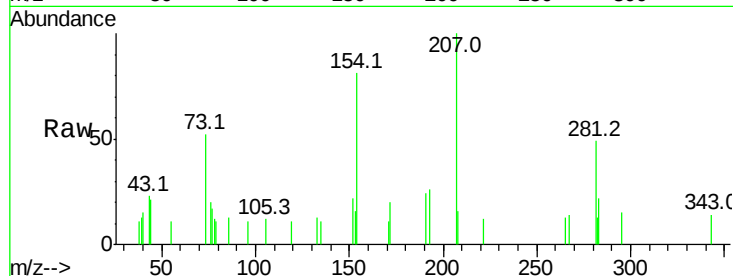
Tot Ion:154 Resp: 3679

Ion Ratio Lower Upper

154 100

153 20.0 20.7 60.7#

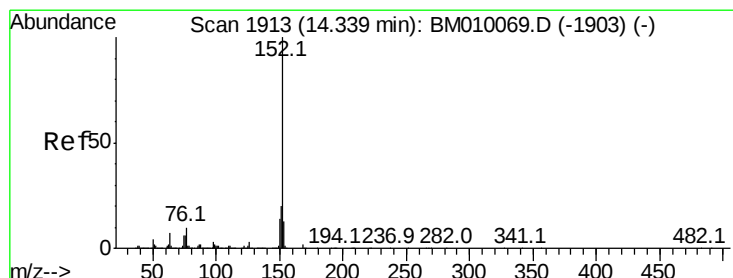
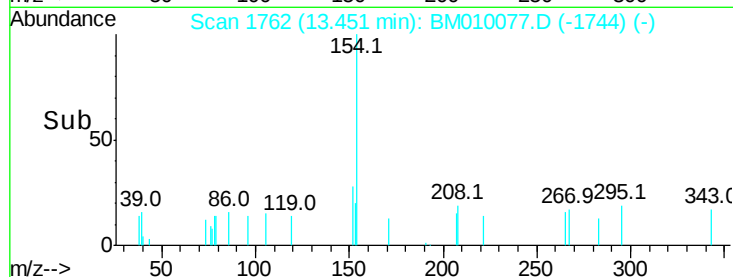
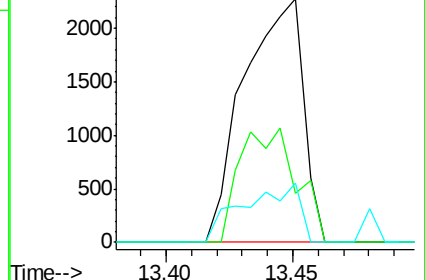
76 24.6 0.0 30.9



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



#48

Acenaphthylene

Concen: 0.00 ng

RT: 14.33 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

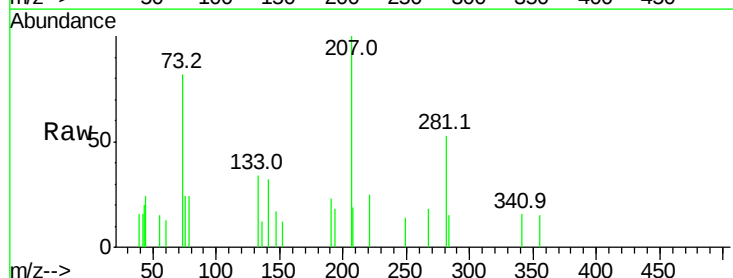
Tgt Ion:152 Resp: 106

Ion Ratio Lower Upper

152 100

151 0.0 15.9 23.9#

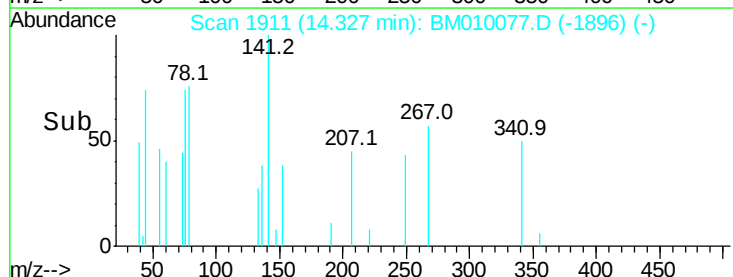
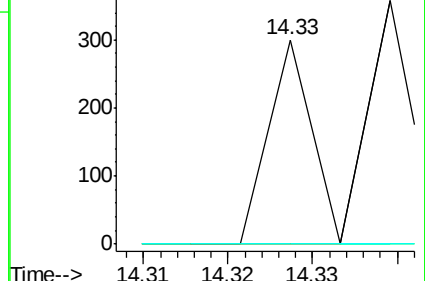
153 0.0 10.6 16.0#

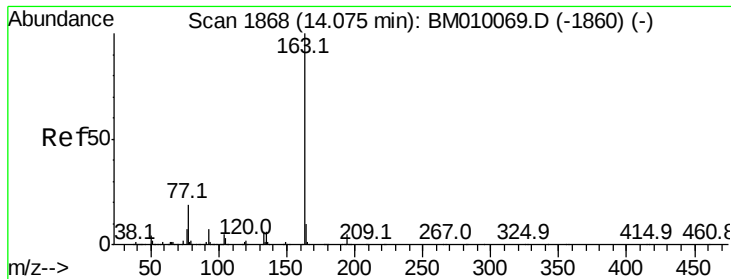


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 0.00 ng

RT: 14.00 min Scan# 1856

Delta R.T. -0.07 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

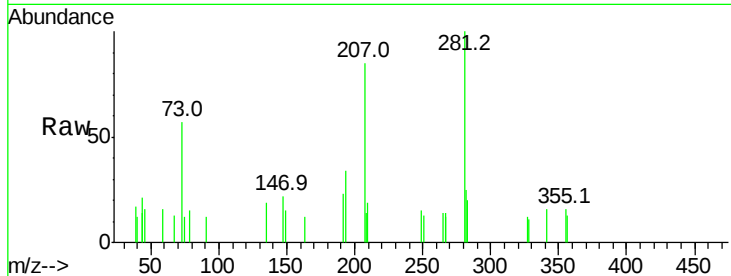
Tot Ion:163 Resp: 121

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

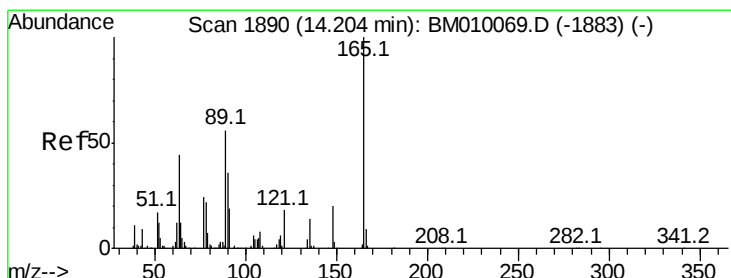
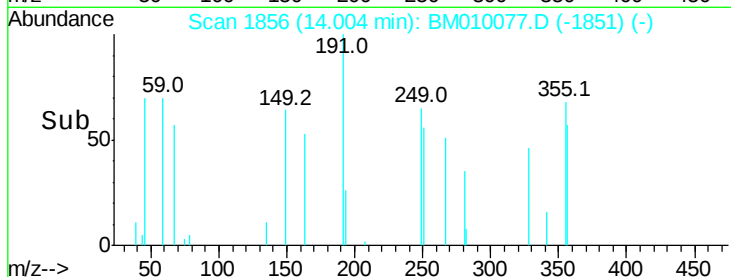
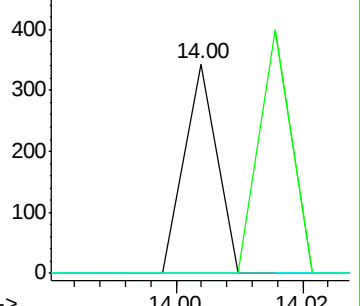
164 0.0 8.2 12.2#



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



#50

2,6-Dinitrotoluene

Concen: 0.02 ng

RT: 14.19 min Scan# 1887

Delta R.T. -0.02 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

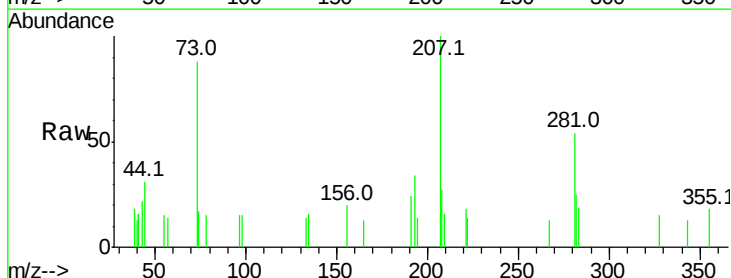
Tgt Ion:165 Resp: 108

Ion Ratio Lower Upper

165 100

63 0.0 44.1 66.1#

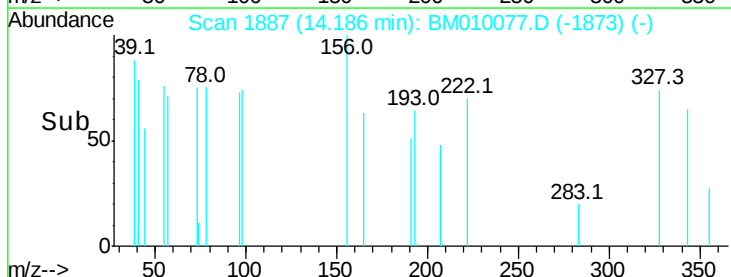
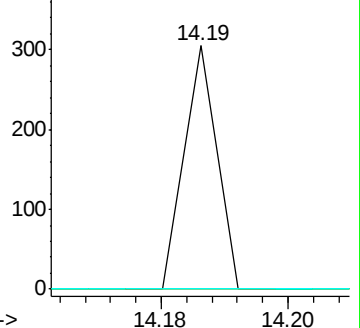
89 0.0 44.3 66.5#

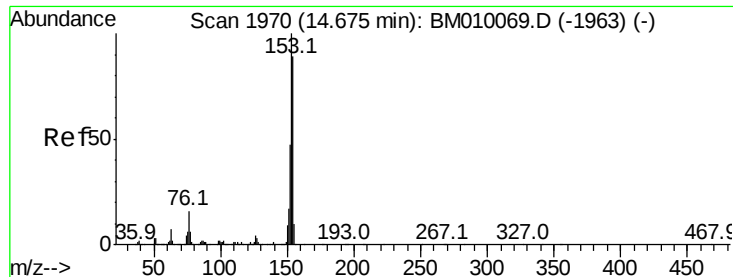


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 0.11 ng

RT: 14.66 min Scan# 1968

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

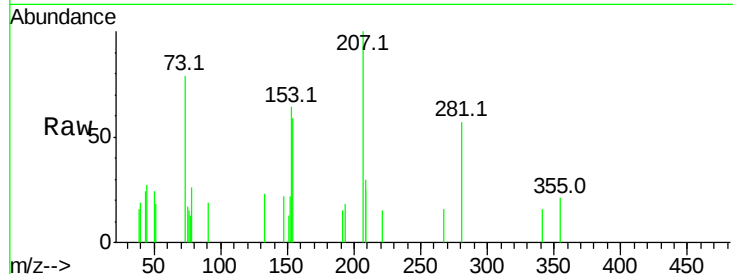
Tot Ion:154 Resp: 1907

Ion Ratio Lower Upper

154 100

153 109.1 90.0 135.0

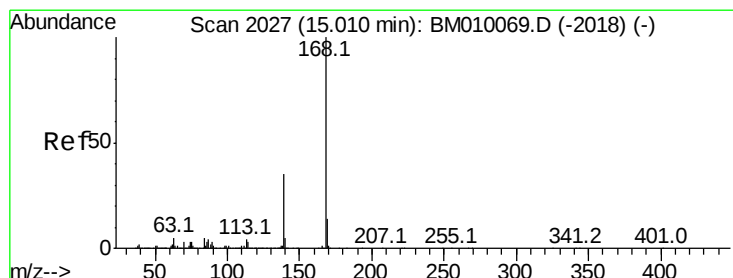
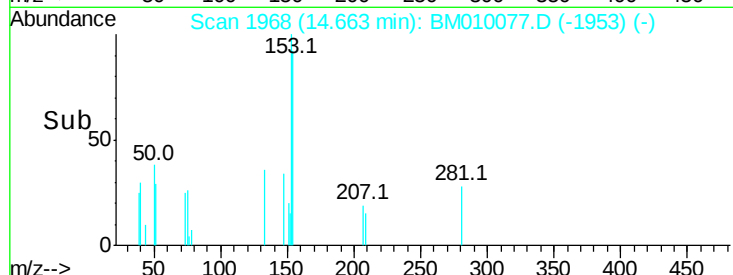
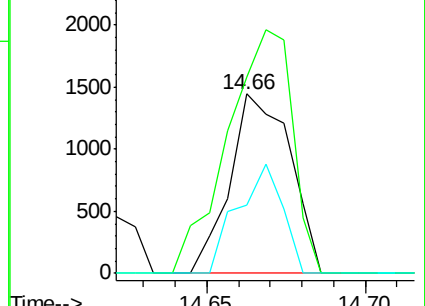
152 37.9 42.6 63.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.06 ng

RT: 15.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

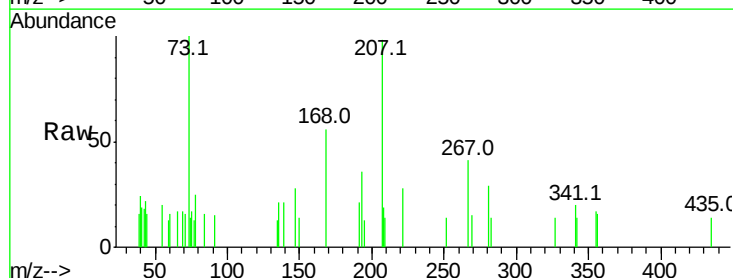
Tgt Ion:168 Resp: 1815

Ion Ratio Lower Upper

168 100

139 38.5 27.3 40.9

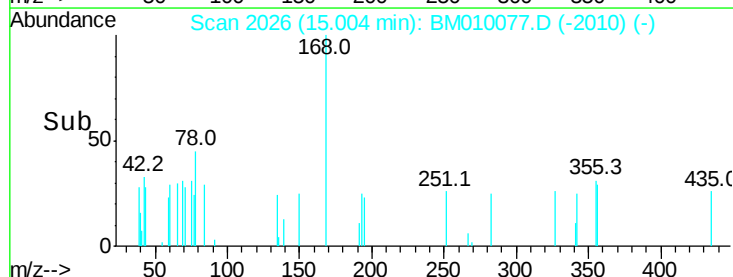
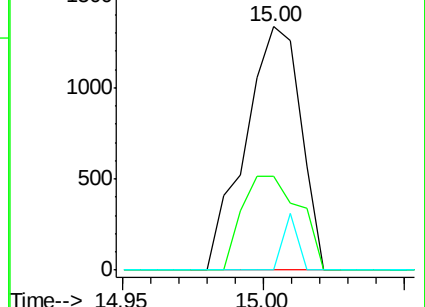
169 0.0 10.6 16.0#

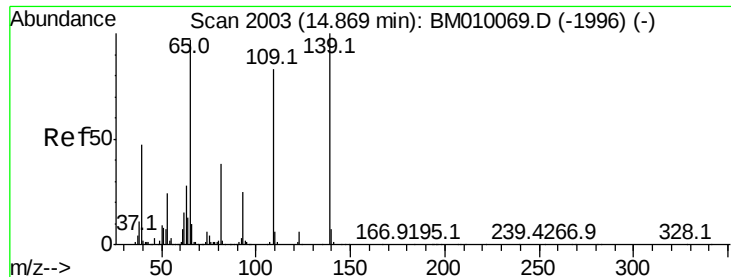


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

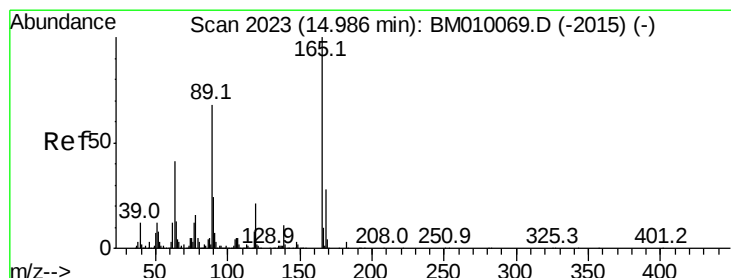
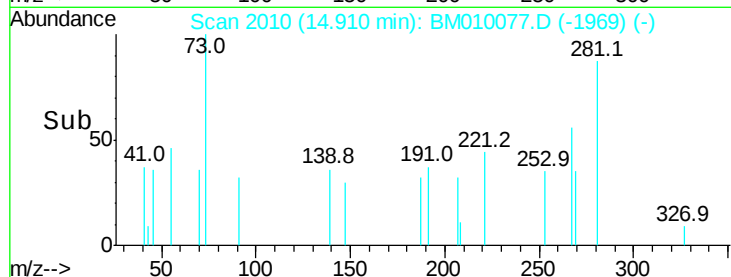
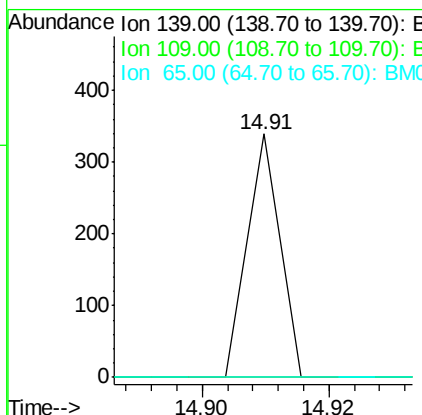
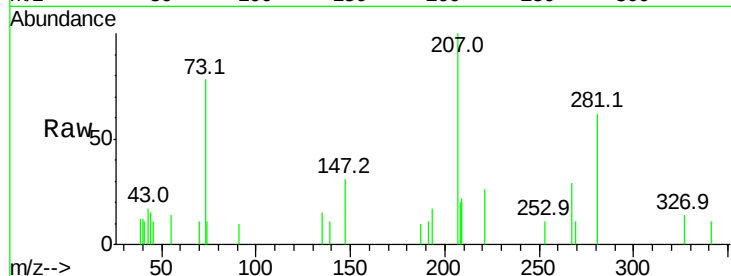




#55
4-Nitrophenol
Concen: 0.03 ng
RT: 14.91 min Scan# 2010
Delta R.T. 0.04 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

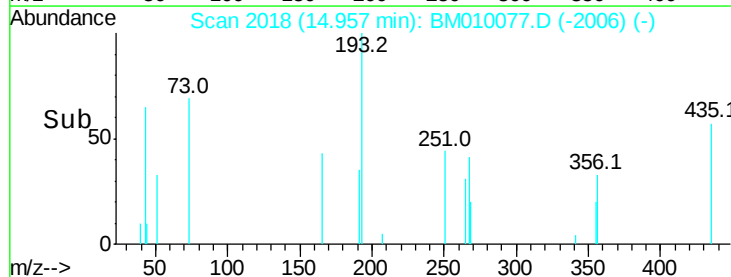
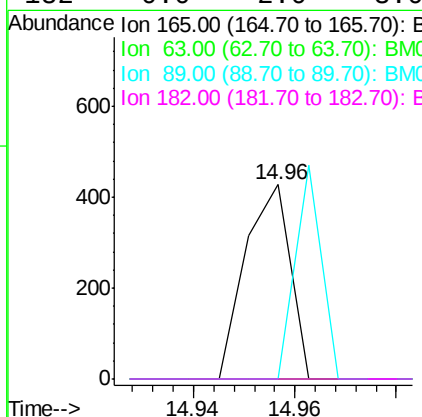
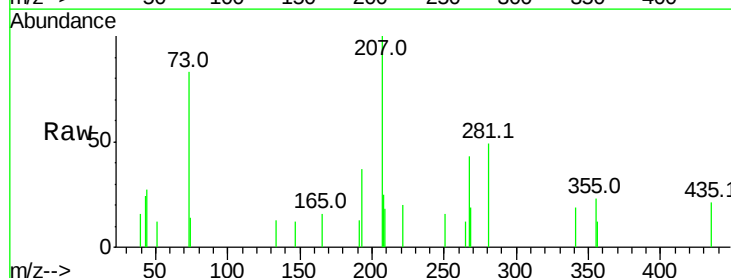
Instrument :
BNA_M
ClientSampleId :

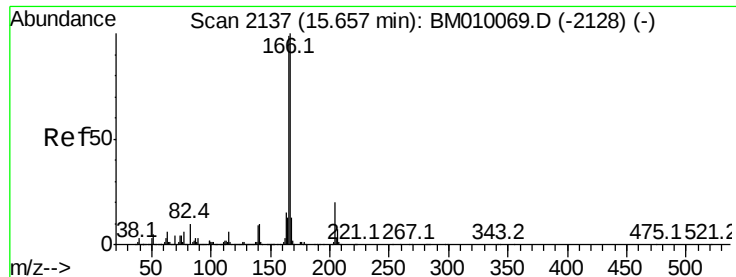
Tot Ion:139 Resp: 120
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 0.04 ng
RT: 14.96 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Tgt Ion:165 Resp: 262
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: 0.13 ng

RT: 15.65 min Scan# 2136

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

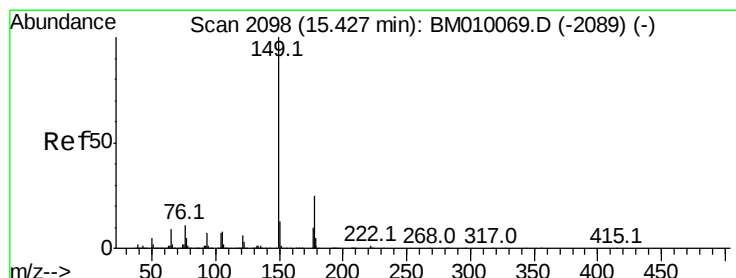
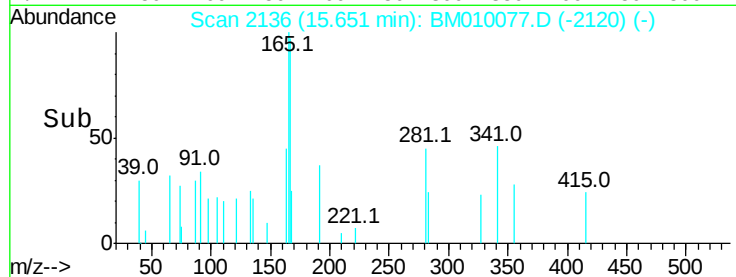
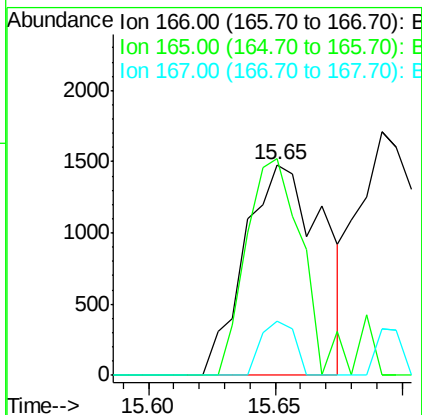
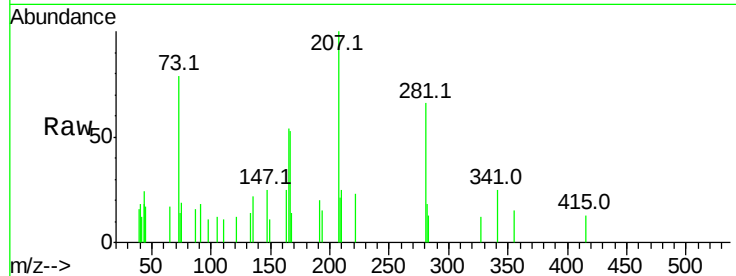
Tot Ion:166 Resp: 3170

Ion Ratio Lower Upper

166 100

165 102.8 79.0 118.4

167 25.9 10.3 15.5#



#59

Diethylphthalate

Concen: 0.13 ng

RT: 15.42 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

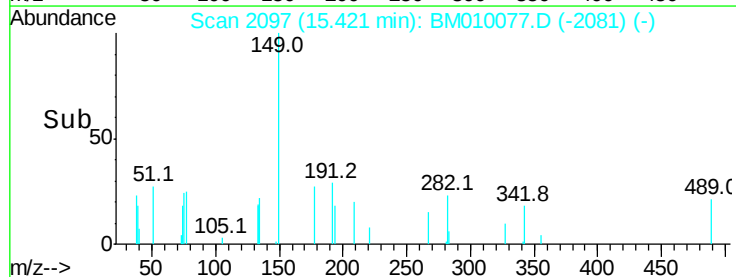
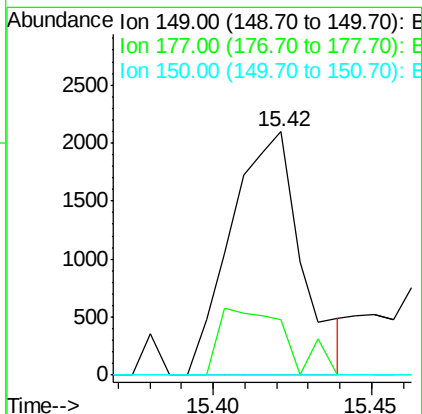
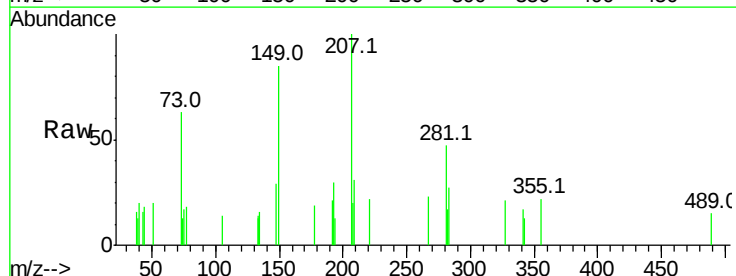
Tgt Ion:149 Resp: 3238

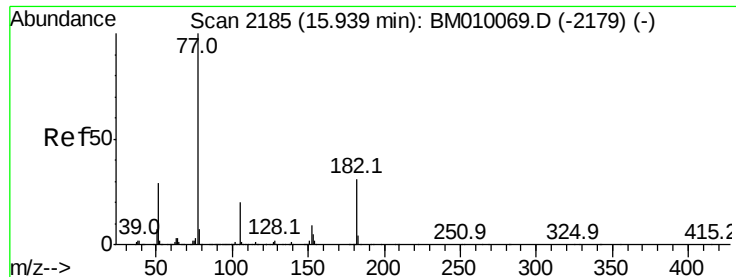
Ion Ratio Lower Upper

149 100

177 22.9 18.3 27.5

150 0.0 9.8 14.8#





#62

Azobenzene

Concen: 0.02 ng

RT: 15.92 min Scan# 2181

Delta R.T. -0.02 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 365

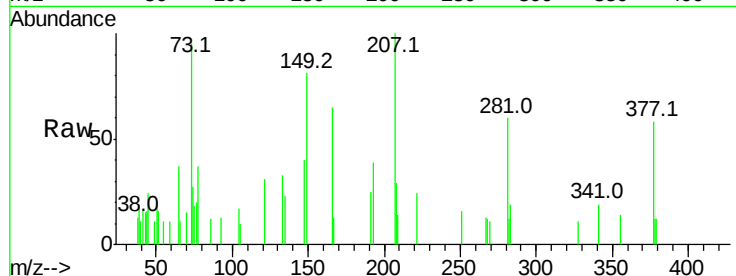
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 28.1 3.8 43.8

51 82.8 5.5 45.5#



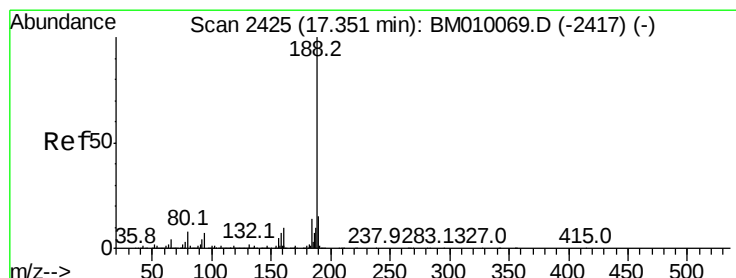
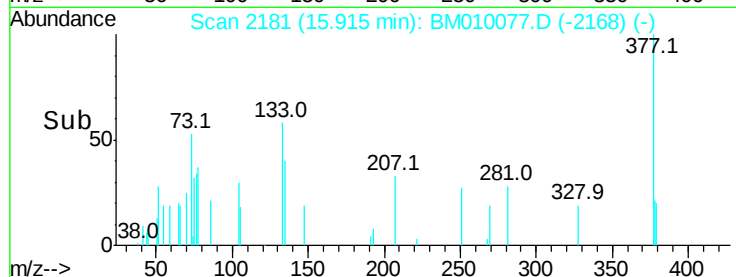
Abundance Ion 77.00 (76.70 to 77.70): BM010069.D (-2179) (-)

Ion 182.00 (181.70 to 182.70): BM010069.D (-2179) (-)

Ion 105.00 (104.70 to 105.70): BM010069.D (-2179) (-)

Ion 51.00 (50.70 to 51.70): BM010069.D (-2179) (-)

Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2425

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

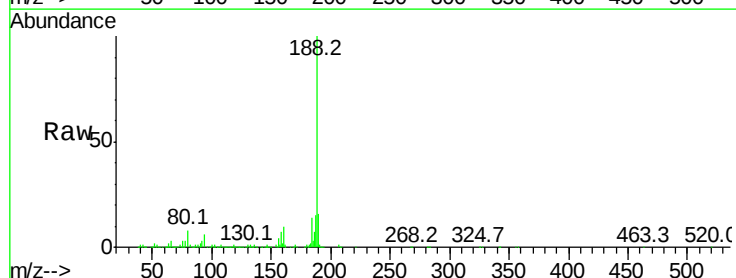
Tgt Ion: 188 Resp: 894712

Ion Ratio Lower Upper

188 100

94 6.4 8.7 13.1#

80 7.7 9.3 13.9#

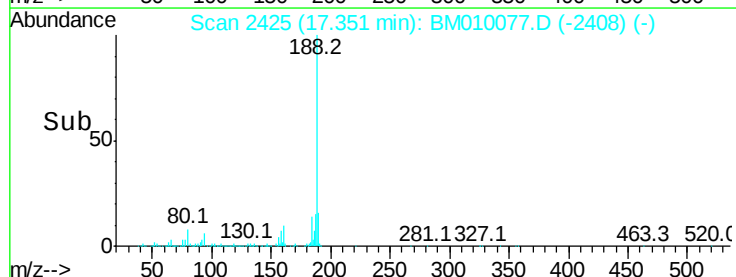


Abundance Ion 188.00 (187.70 to 188.70): BM010069.D (-2417) (-)

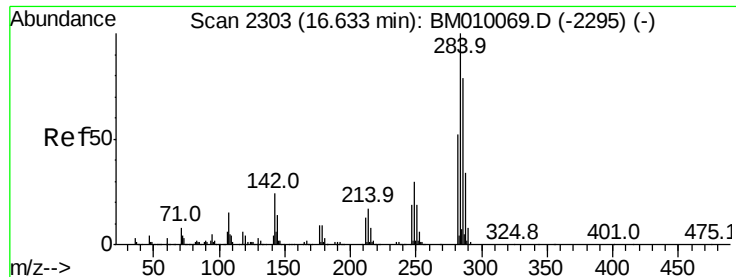
Ion 94.00 (93.70 to 94.70): BM010069.D (-2417) (-)

Ion 80.00 (79.70 to 80.70): BM010069.D (-2417) (-)

Time-->



Time-->



#67

Hexachlorobenzene

Concen: 0.02 ng

RT: 16.69 min Scan# 2313

Delta R.T. 0.06 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

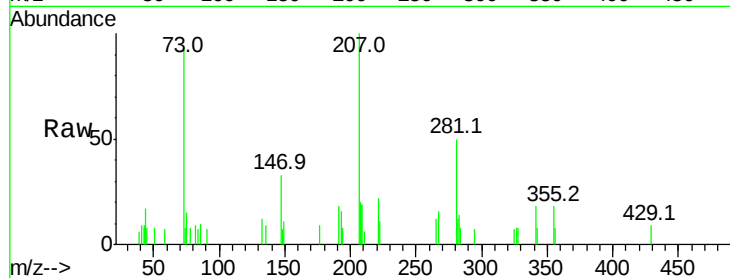
Tot Ion:284 Resp: 241

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

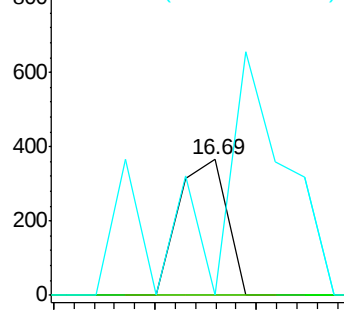
249 0.0 23.8 35.6#



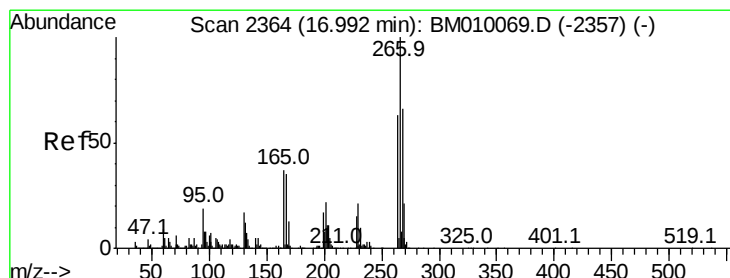
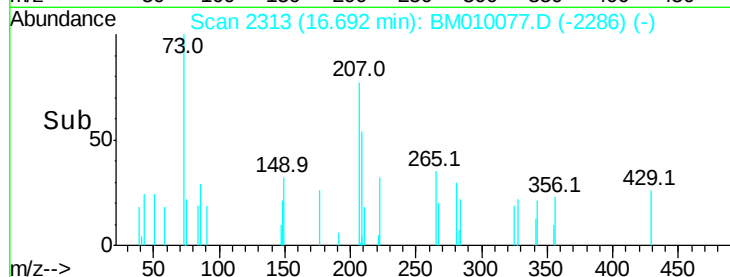
Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



Time--> 16.66



#69

Pentachlorophenol

Concen: 0.01 ng

RT: 16.99 min Scan# 2363

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

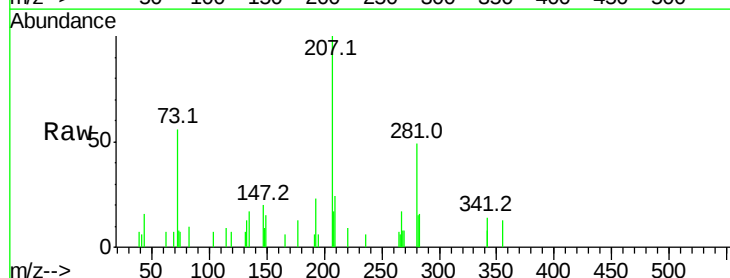
Tgt Ion:266 Resp: 111

Ion Ratio Lower Upper

266 100

268 126.3 52.0 78.0#

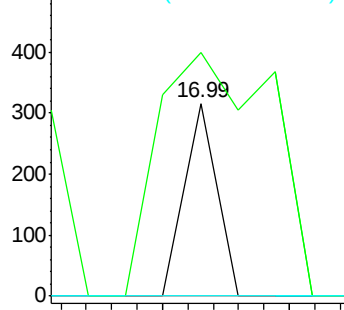
264 0.0 49.0 73.4#



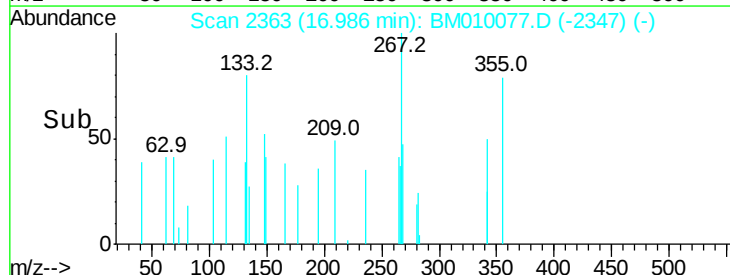
Abundance Ion 265.70 (265.40 to 266.40): E

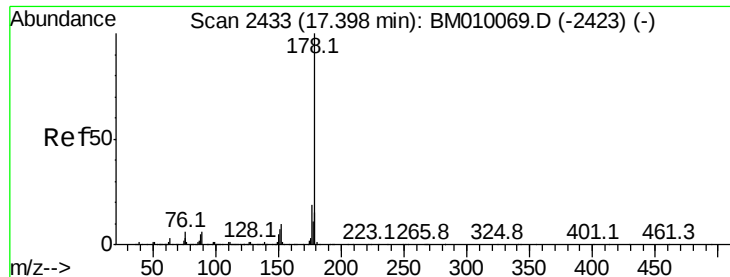
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time--> 16.98





#70

Phenanthrene

Concen: 0.10 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

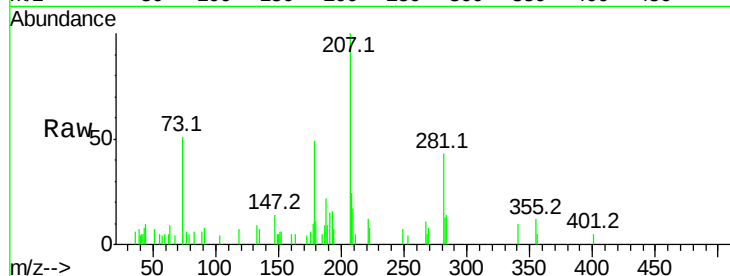
Tot Ion:178 Resp: 5228

Ion Ratio Lower Upper

178 100

176 12.7 15.2 22.8#

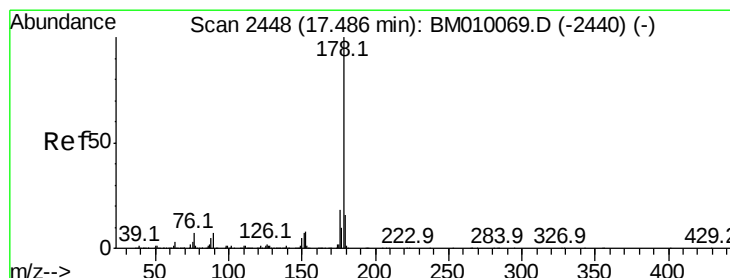
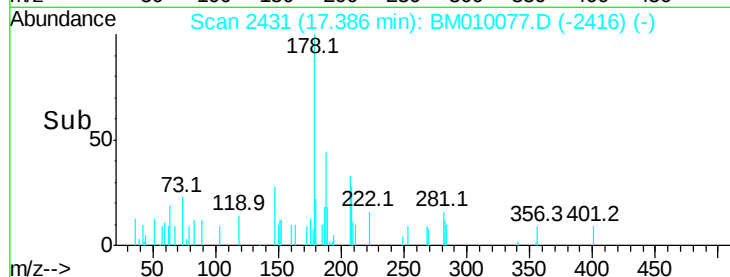
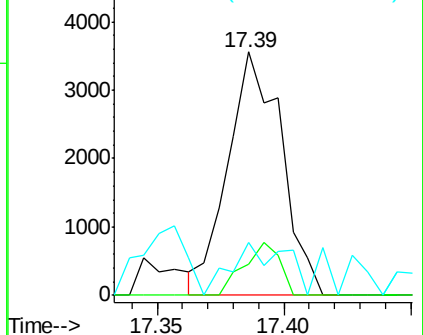
179 22.0 12.1 18.1#



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: 0.02 ng

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

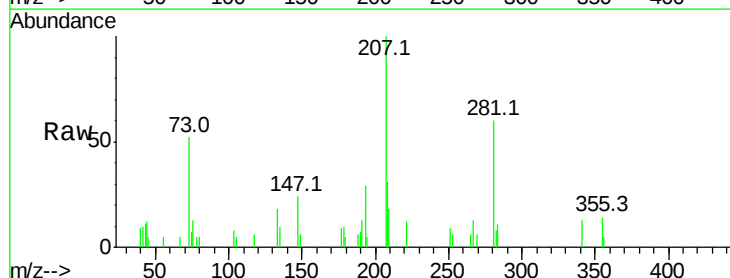
Tgt Ion:178 Resp: 858

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

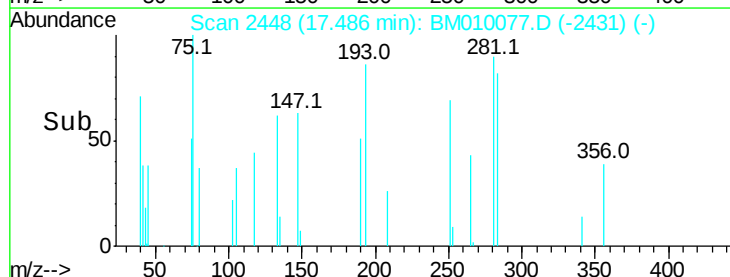
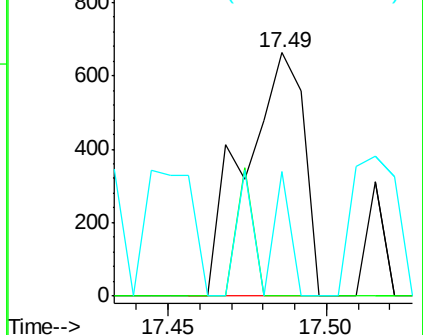
179 51.1 12.6 19.0#

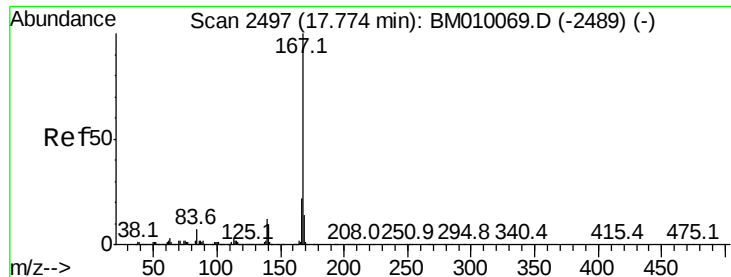


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.00 ng

RT: 17.74 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

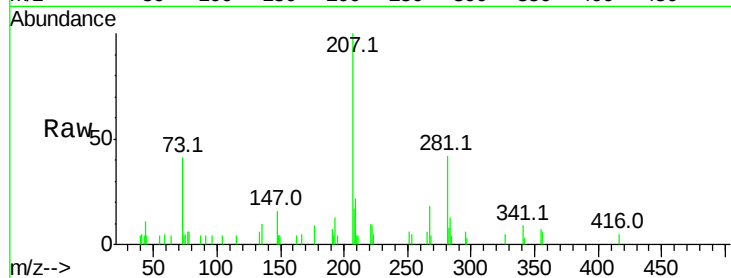
Tot Ion:167 Resp: 145

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

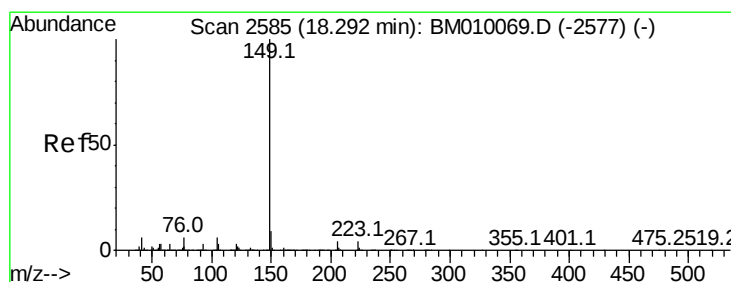
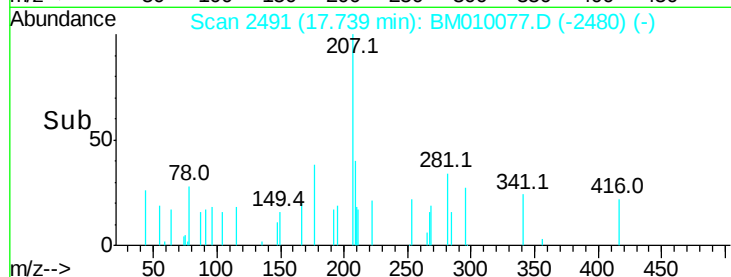
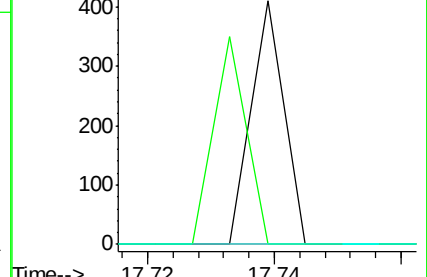
139 0.0 10.8 16.2#



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: 0.16 ng

RT: 18.29 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

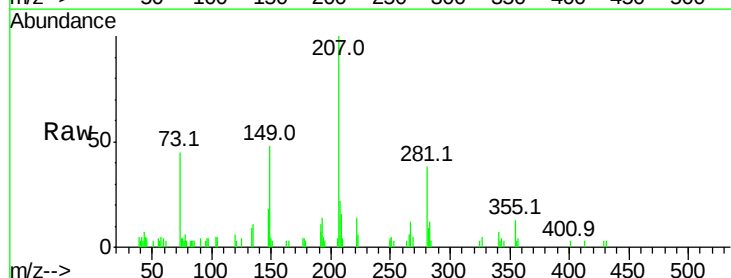
Tgt Ion:149 Resp: 8363

Ion Ratio Lower Upper

149 100

150 7.9 7.5 11.3

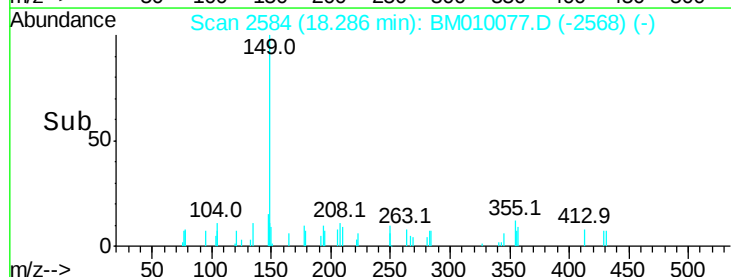
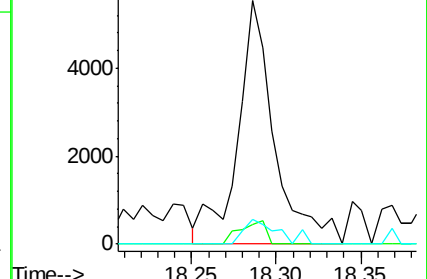
104 10.0 3.7 5.5#

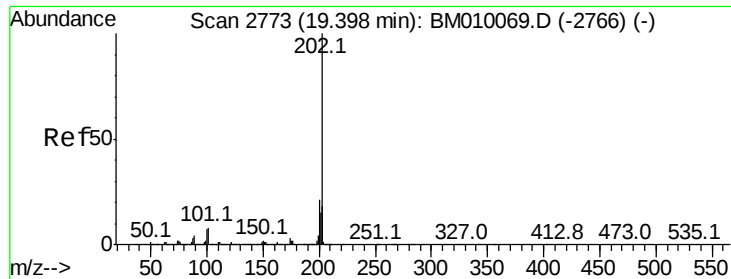


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.02 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

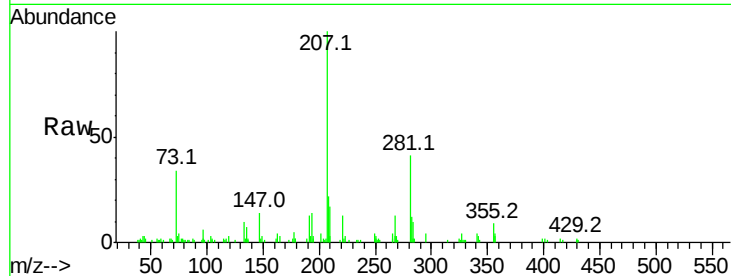
Tot Ion:202 Resp: 1568

Ion Ratio Lower Upper

202 100

101 26.7 0.0 28.7

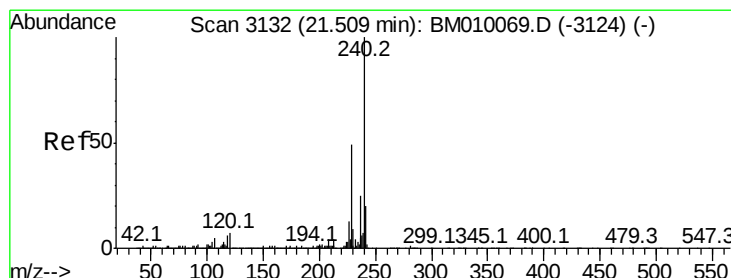
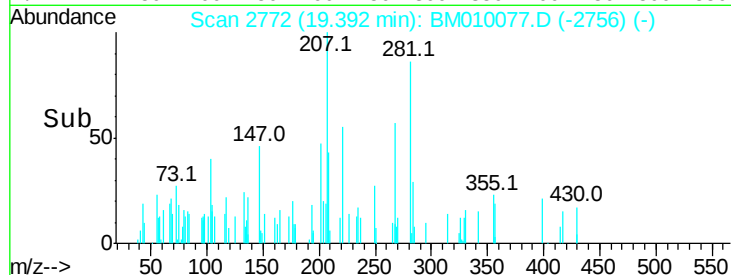
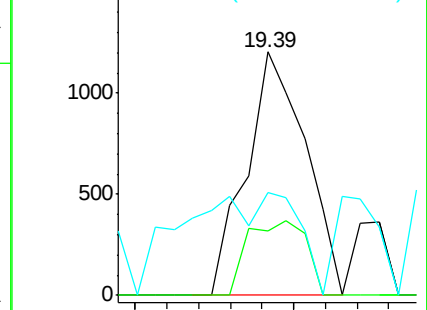
203 42.2 0.0 37.2#



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: BM010077.D

Acq: 19 May 2017 20:03

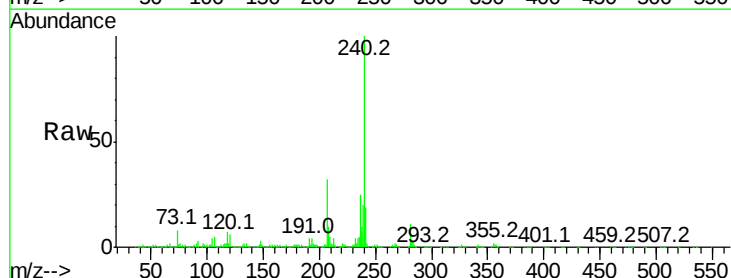
Tgt Ion:240 Resp: 1057217

Ion Ratio Lower Upper

240 100

120 6.5 8.2 12.2#

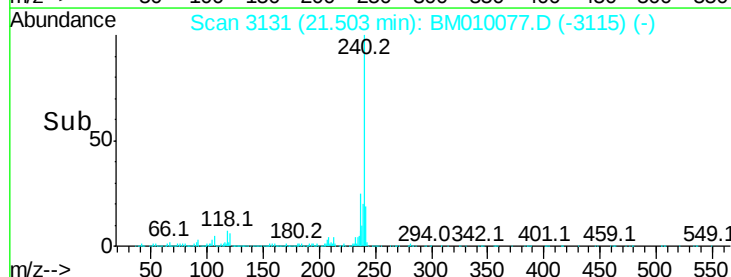
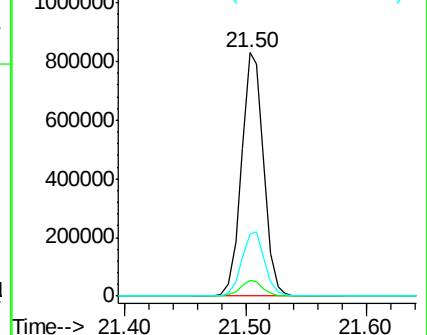
236 25.5 20.0 30.0

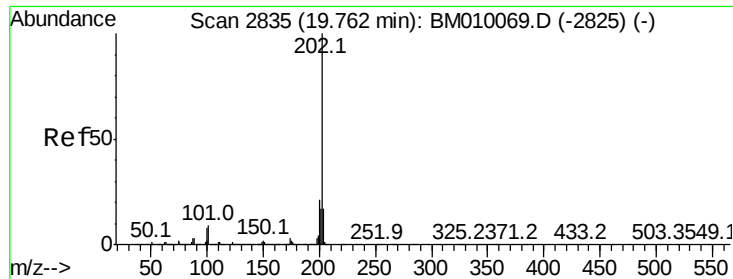


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 0.01 ng

RT: 19.76 min Scan# 2835

Delta R.T. -0.00 min

Lab File: BM010077.D

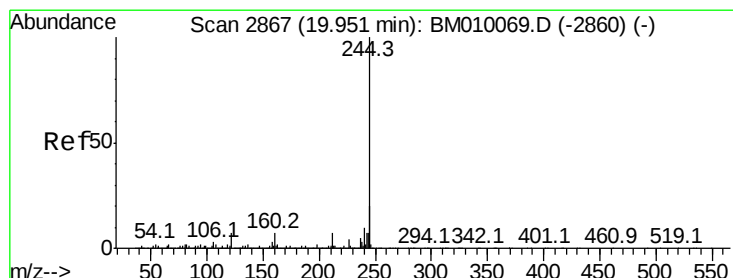
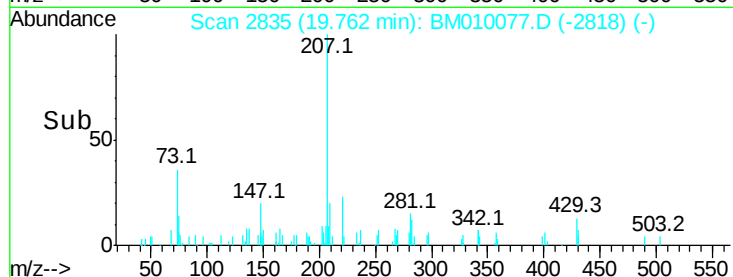
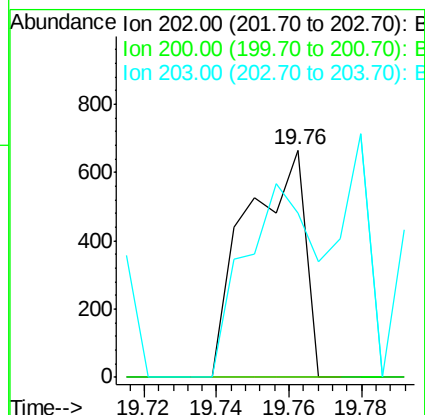
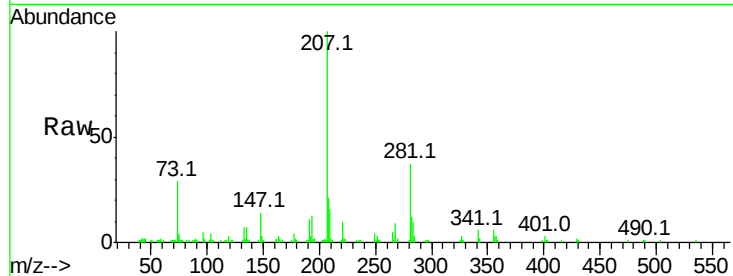
Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

Tot Ion:	202	Resp:	744
Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	72.5	14.1	21.1#



#78

Terphenyl-d14

Concen: 103.69 ng

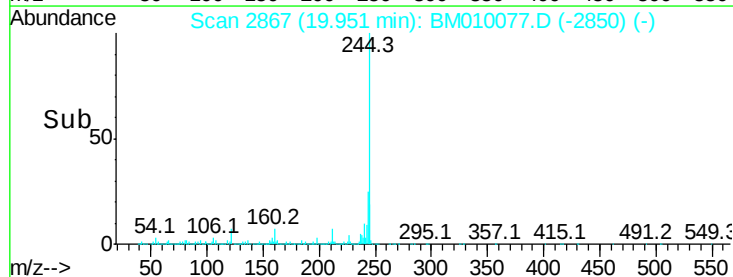
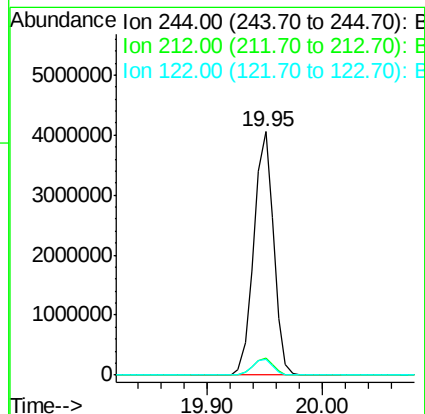
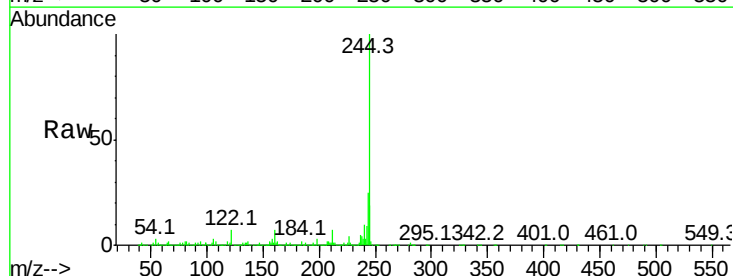
RT: 19.95 min Scan# 2867

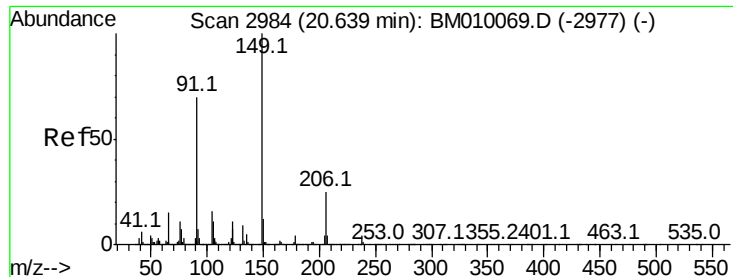
Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Tgt Ion:	244	Resp:	4820895
Ion	Ratio	Lower	Upper
244	100		
212	7.2	4.9	7.3
122	6.6	6.2	9.4

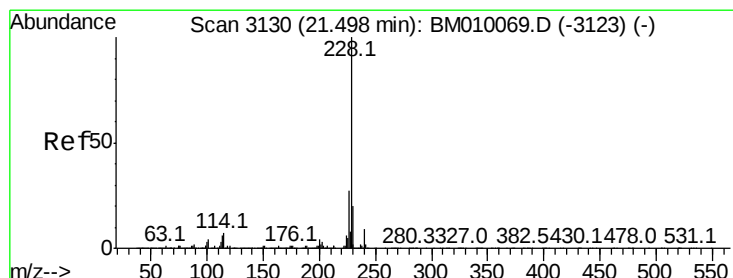
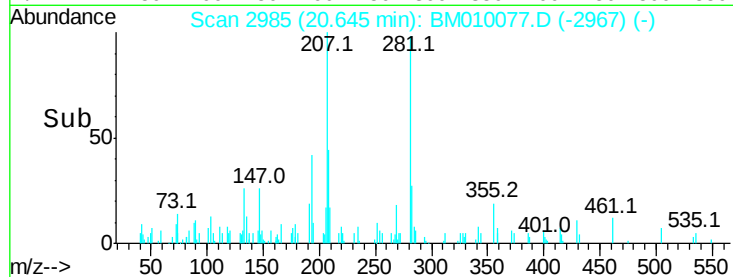
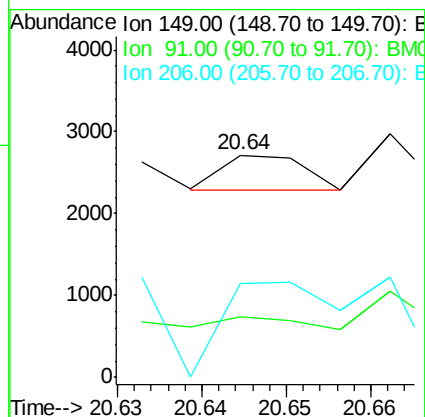
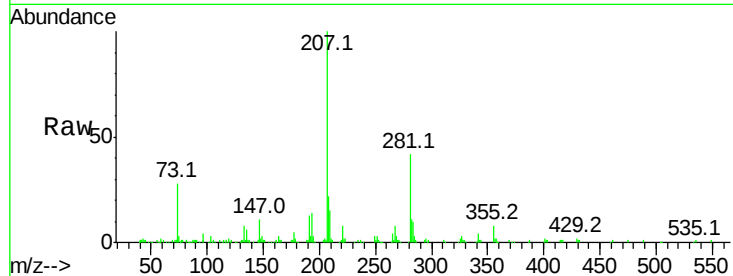




#79
Butylbenzylphthalate
Concen: 0.01 ng
RT: 20.64 min Scan# 2985
Delta R.T. 0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

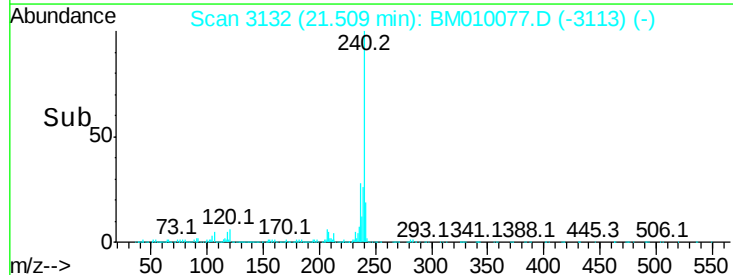
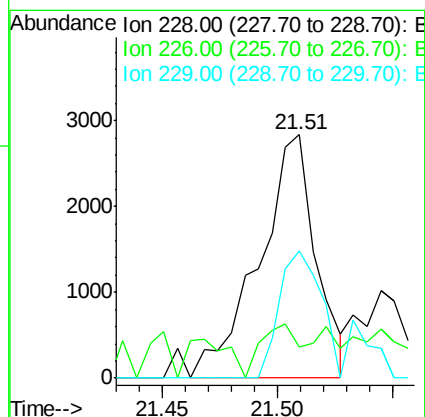
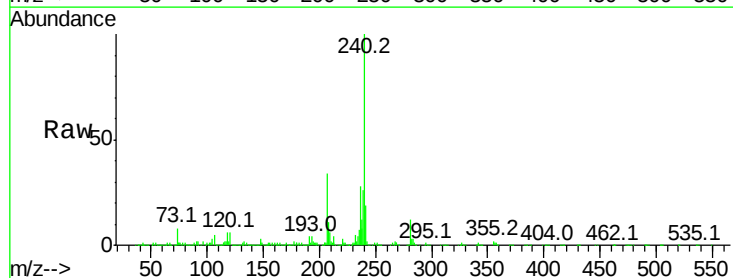
Instrument :
BNA_M
ClientSampleId :

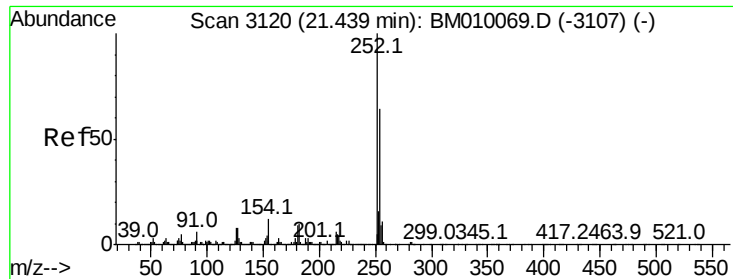
Tot Ion	Ratio	Lower	Upper
149	100		
91	27.1	50.1	75.1#
206	42.2	16.2	24.2#



#80
Benzo(a)anthracene
Concen: 0.08 ng
RT: 21.51 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	12.9	21.7	32.5#
229	52.1	16.0	24.0#

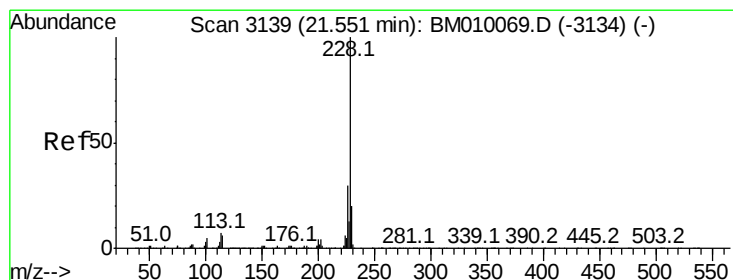
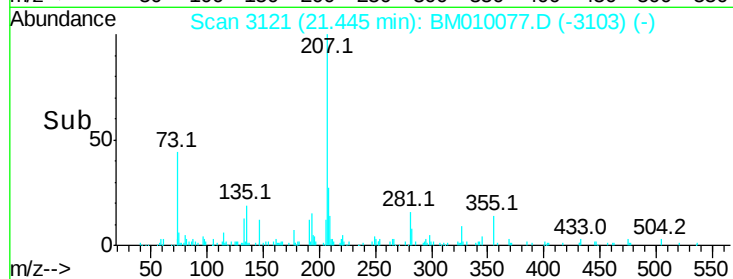
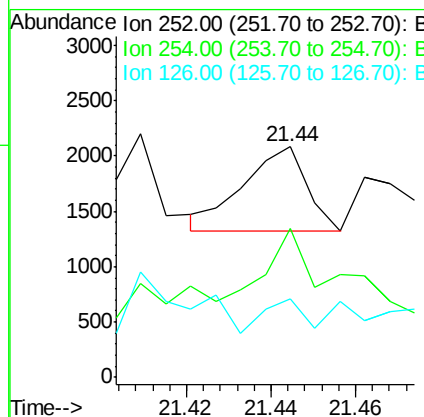
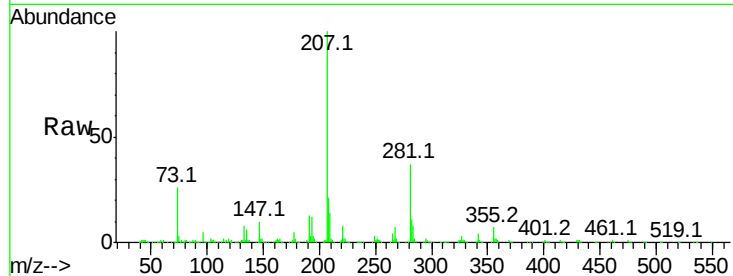




#81
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 21.44 min Scan# 3121
 Delta R.T. 0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

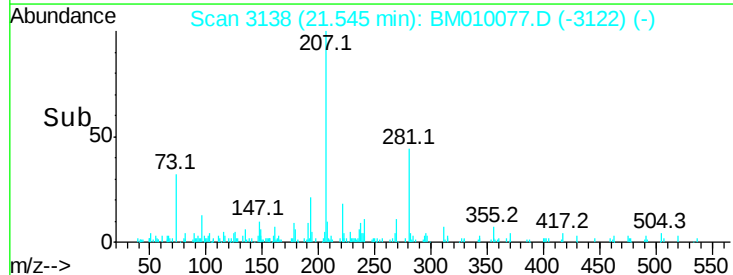
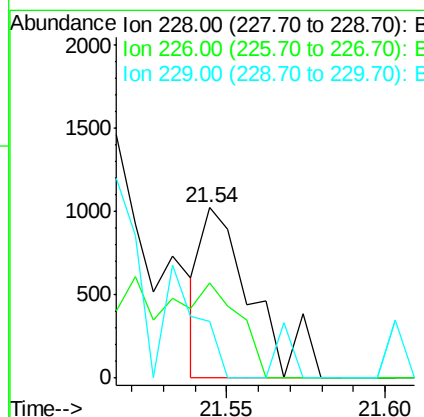
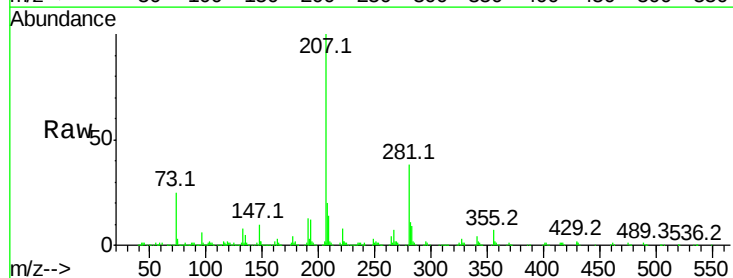
Instrument :
 BNA_M
 ClientSampled :

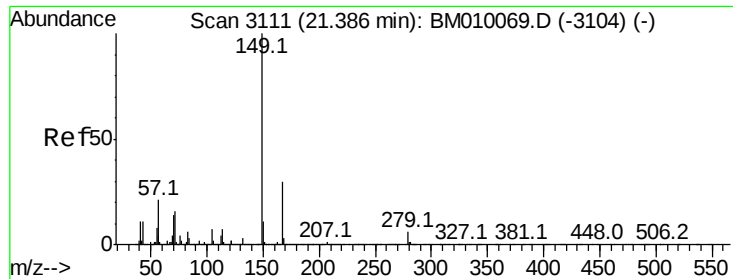
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	34.2	9.8	14.8



#82
 Chrysene
 Concen: 0.02 ng
 RT: 21.54 min Scan# 3138
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	55.6	24.1	36.1
229	33.3	15.5	23.3

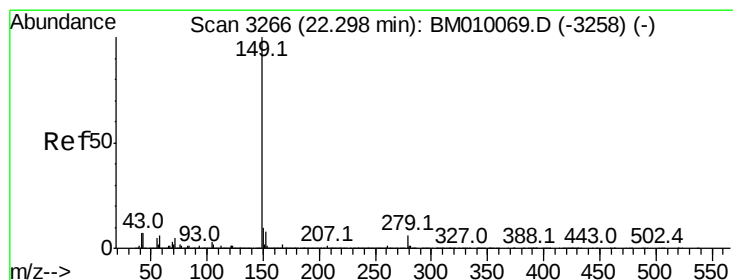
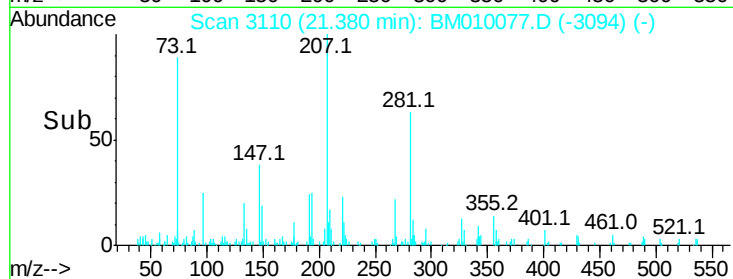
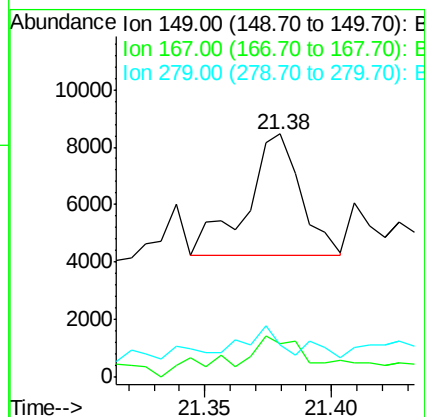
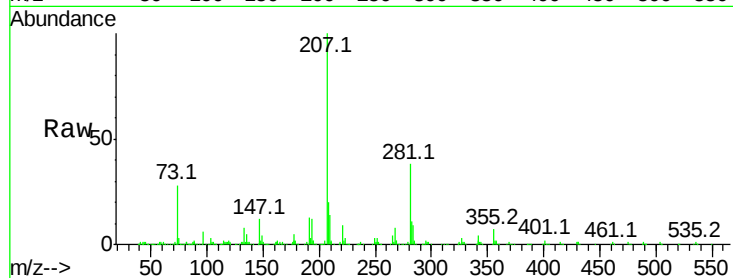




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.38 min Scan# 3110
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

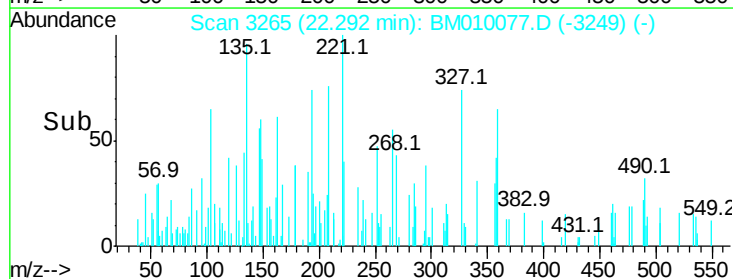
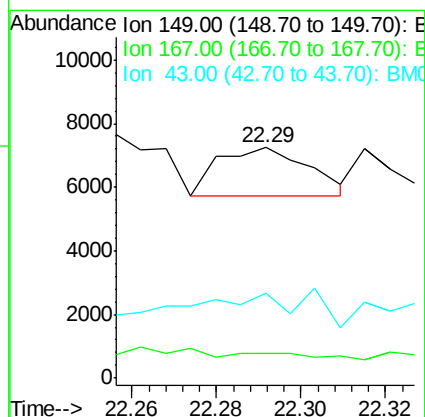
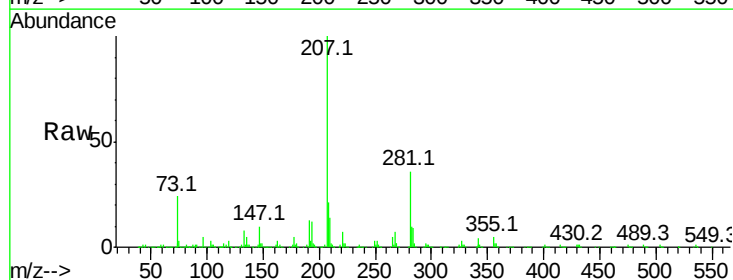
Instrument :
 BNA_M
 ClientSampled :

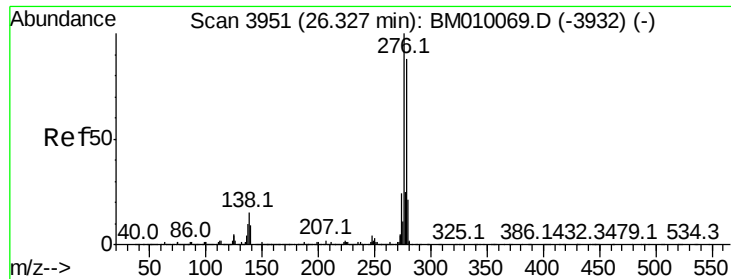
Tot Ion:149 Resp: 6337
 Ion Ratio Lower Upper
 149 100
 167 13.9 22.4 33.6#
 279 13.2 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.04 ng
 RT: 22.29 min Scan# 3265
 Delta R.T. -0.01 min
 Lab File: BM010077.D
 Acq: 19 May 2017 20:03

Tgt Ion:149 Resp: 2251
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 22.4 7.3 10.9#

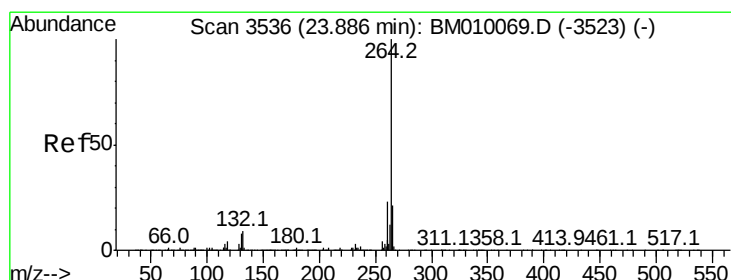
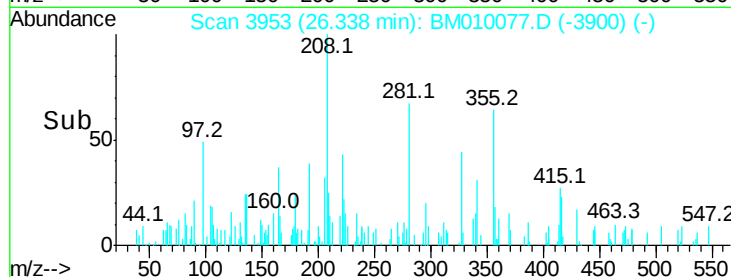
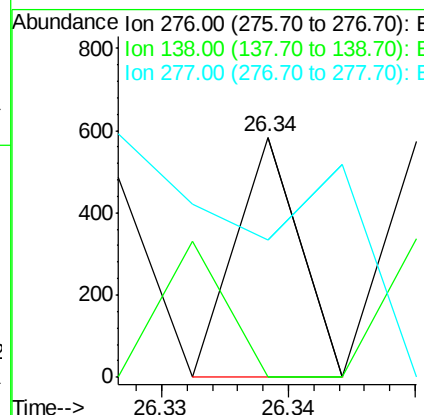
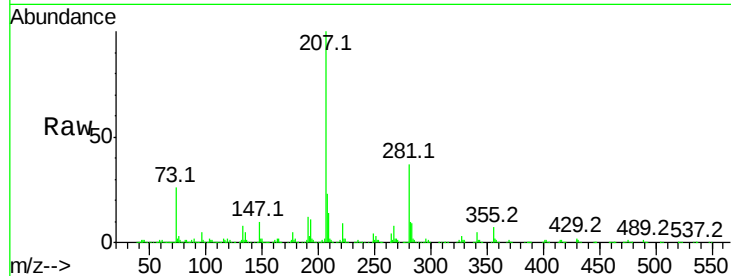




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.00 ng
RT: 26.34 min Scan# 3953
Delta R.T. 0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

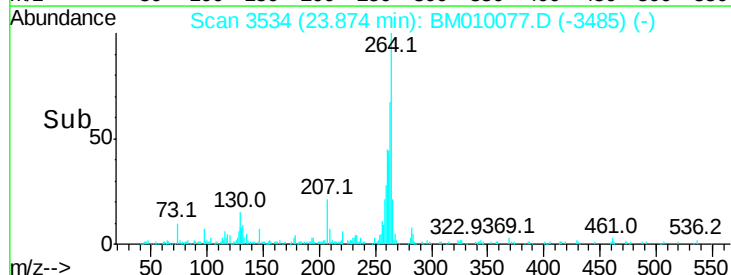
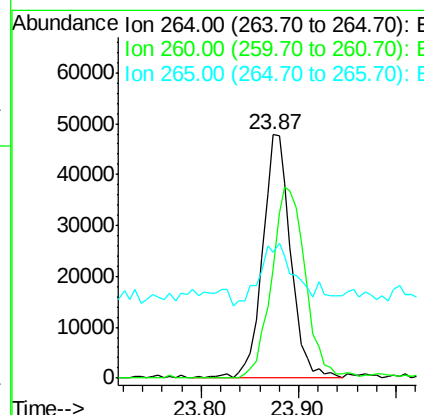
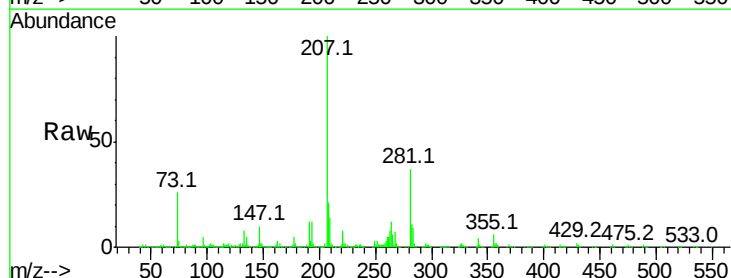
Instrument :
BNA_M
ClientSampled :

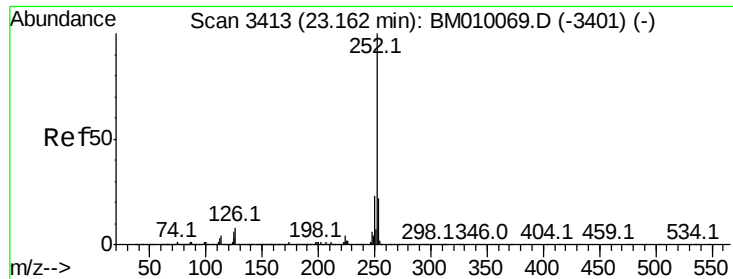
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	0.0	0.0
277	406.8	0.0	0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3534
Delta R.T. -0.01 min
Lab File: BM010077.D
Acq: 19 May 2017 20:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	44.7	18.6	27.8#
265	51.5	17.3	25.9#





#87

Benzo(b)fluoranthene

Concen: 0.43 ng

RT: 23.17 min Scan# 3415

Delta R.T. 0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

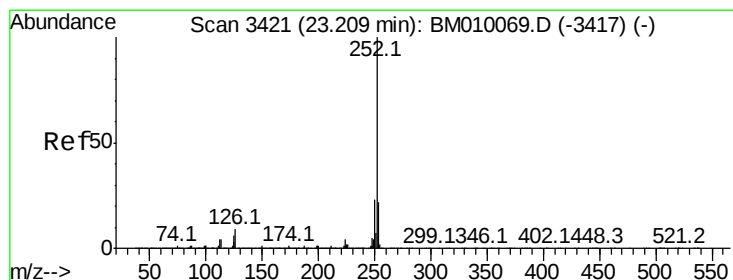
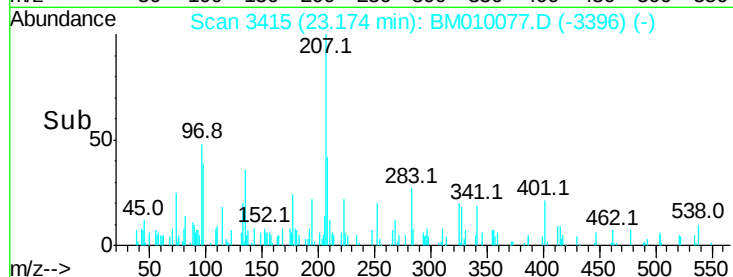
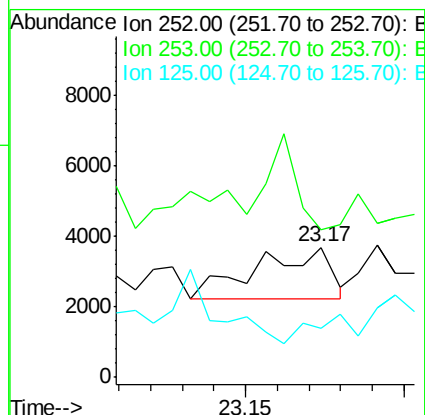
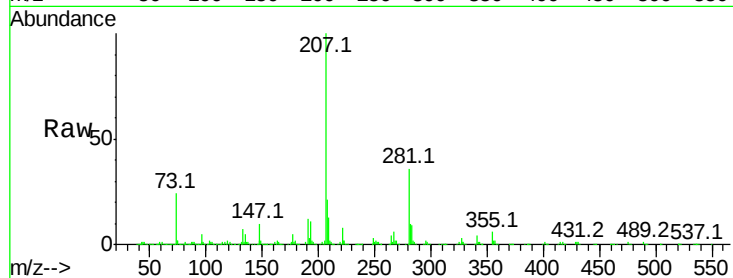
Tot Ion:252 Resp: 2433

Ion Ratio Lower Upper

252 100

253 114.1 18.0 27.0#

125 37.5 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.40 ng

RT: 23.19 min Scan# 3418

Delta R.T. -0.02 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

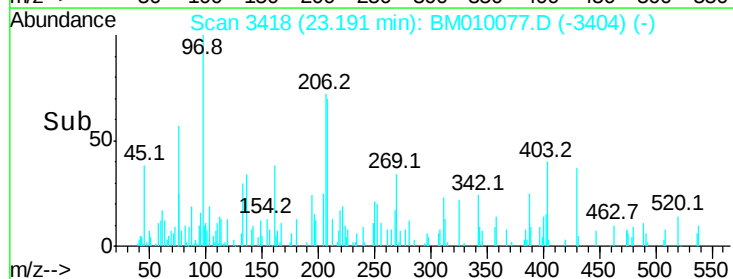
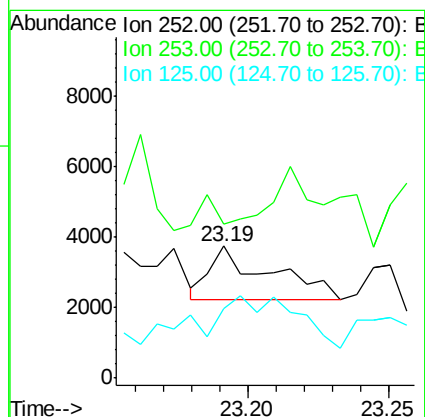
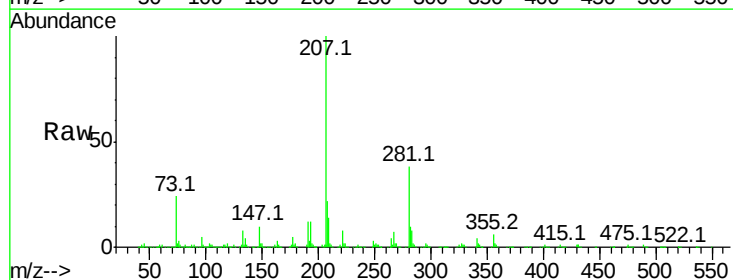
Tgt Ion:252 Resp: 2211

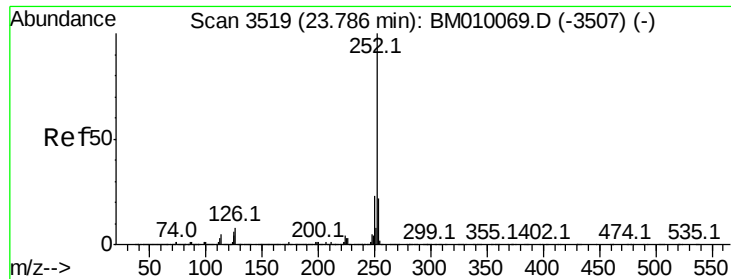
Ion Ratio Lower Upper

252 100

253 116.4 17.2 25.8#

125 52.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.12 ng

RT: 23.78 min Scan# 3518

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampled :

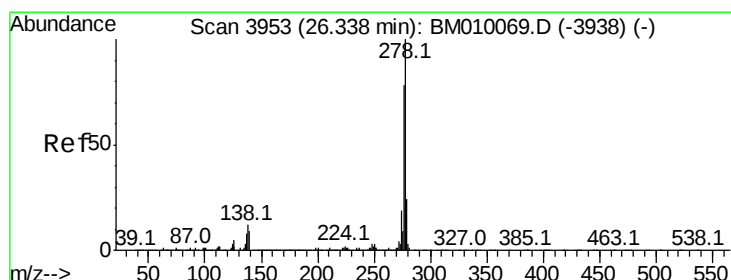
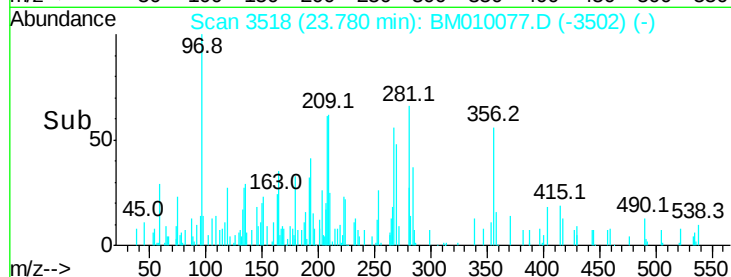
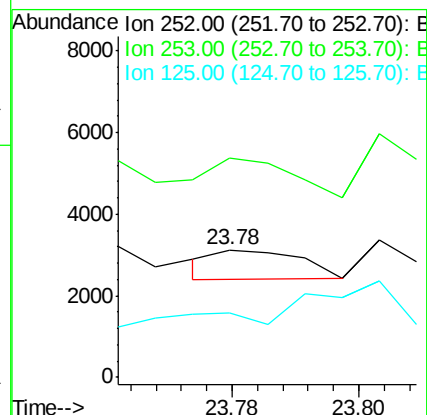
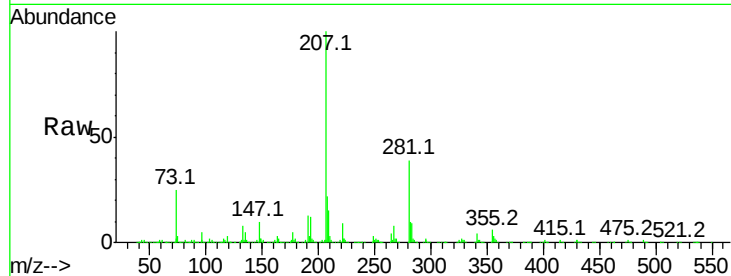
Tot Ion:252 Resp: 670

Ion Ratio Lower Upper

252 100

253 172.1 17.6 26.4#

125 50.5 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.26 ng

RT: 26.33 min Scan# 3951

Delta R.T. -0.01 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

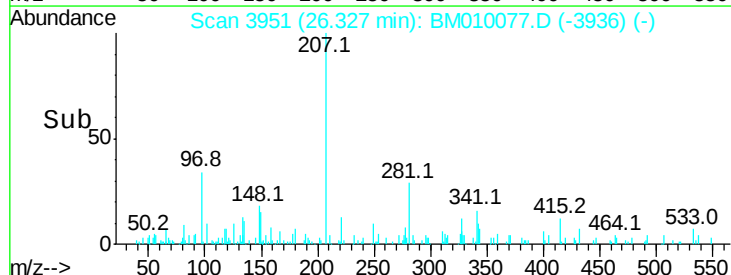
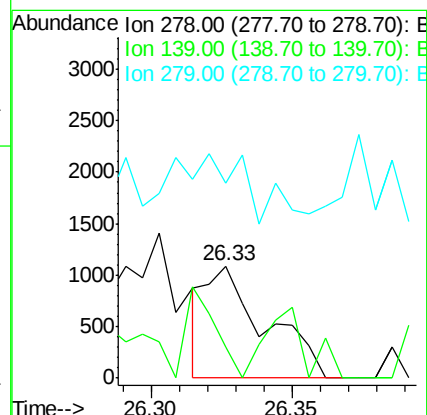
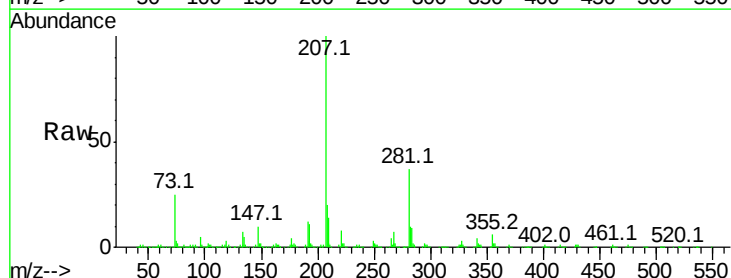
Tgt Ion:278 Resp: 1581

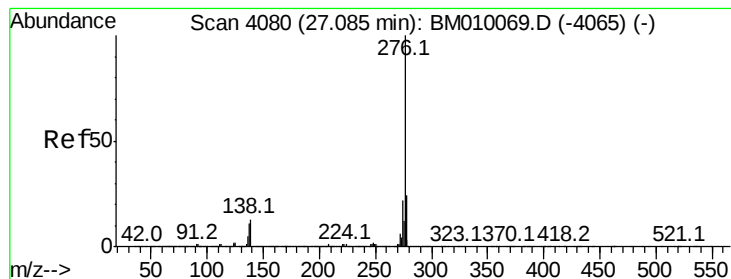
Ion Ratio Lower Upper

278 100

139 28.3 13.4 20.0#

279 174.7 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.07 ng

RT: 27.09 min Scan# 4080

Delta R.T. -0.00 min

Lab File: BM010077.D

Acq: 19 May 2017 20:03

Instrument :

BNA_M

ClientSampleId :

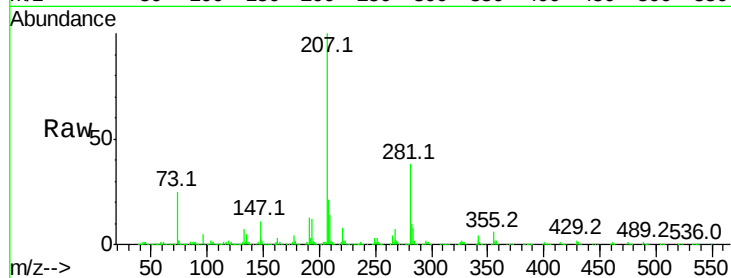
Tot Ion:276 Resp: 435

Ion Ratio Lower Upper

276 100

277 146.7 18.5 27.7#

138 57.1 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

