

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010082.D
 Acq On : 19 May 2017 23:02
 Operator : SJ/MA
 Sample : I3202-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:03:01 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	191623	20.00	ng	0.00
21) Naphthalene-d8	10.78	136	629650	20.00	ng	0.00
38) Acenaphthene-d10	14.60	164	378887	20.00	ng	0.00
63) Phenanthrene-d10	17.34	188	895404	20.00	ng	0.00
75) Chrysene-d12	21.50	240	1258382	20.00	ng	0.00
86) Perylene-d12	23.87	264	1259034	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1515036	142.78	ng	0.00
7) Phenol-d6	7.16	99	1716586	125.72	ng	0.00
23) Nitrobenzene-d5	9.16	82	1231626	105.53	ng	0.00
41) 2,4,6-Tribromophenol	16.09	330	853876	148.38	ng	0.00
44) 2-Fluorobiphenyl	13.23	172	3116365	105.74	ng	0.00
78) Terphenyl-d14	19.95	244	5142379	92.92	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	153	0.03	ng	# 100
3) Pyridine	3.86	79	260	0.02	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	447	0.09	ng	# 17
8) 2-Chlorophenol	7.55	128	200	0.02	ng	# 1
9) Benzaldehyde	7.16	77	5262	0.62	ng	# 11
10) Phenol	7.19	94	334	0.02	ng	# 1
14) 1,2-Dichlorobenzene	8.32	146	122	0.01	ng	# 1
15) Benzyl Alcohol	8.29	79	26210	2.54	ng	# 44
16) 2,2'-oxybis(1-Chloropropan	8.48	45	801	0.08	ng	# 66
22) Acetophenone	8.81	105	861	0.05	ng	# 46
24) Nitrobenzene	9.21	77	337	0.03	ng	# 42
25) Isophorone	9.74	82	110	0.01	ng	# 62
31) Naphthalene	10.83	128	418860	12.44	ng	# 99
37) 2-Methylnaphthalene	12.43	142	25070	1.03	ng	# 88
45) 1,1'-Biphenyl	13.44	154	12927	0.41	ng	# 98
47) 2-Nitroaniline	13.72	65	116	0.02	ng	# 1
48) Acenaphthylene	14.33	152	46620	1.25	ng	# 99
49) Dimethylphthalate	14.08	163	247	0.01	ng	# 77
51) Acenaphthene	14.67	154	10632	0.46	ng	# 90
54) Dibenzofuran	15.00	168	6037	0.17	ng	# 82
55) 4-Nitrophenol	15.00	139	2544	0.53	ng	# 18
57) Fluorene	15.64	166	14245	0.45	ng	# 95
59) Diethylphthalate	15.42	149	3098	0.10	ng	# 85
62) Azobenzene	15.93	77	567	0.02	ng	# 27
65) n-Nitrosodiphenylamine	15.87	169	2157	0.08	ng	# 95
67) Hexachlorobenzene	16.59	284	116	0.01	ng	# 47
69) Pentachlorophenol	16.96	266	123	0.02	ng	# 19
70) Phenanthrene	17.39	178	31356	0.63	ng	# 97
71) Anthracene	17.49	178	2852	0.06	ng	# 62
72) Carbazole	17.77	167	10015	0.23	ng	# 94
73) Di-n-butylphthalate	18.29	149	6997	0.13	ng	# 96
74) Fluoranthene	19.39	202	4190	0.06	ng	# 89
76) Benzidine	19.55	184	112	0.00	ng	# 68
77) Pyrene	19.75	202	3339	0.05	ng	# 67

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010082.D
 Acq On : 19 May 2017 23:02
 Operator : SJ/MA
 Sample : I3202-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:03:01 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

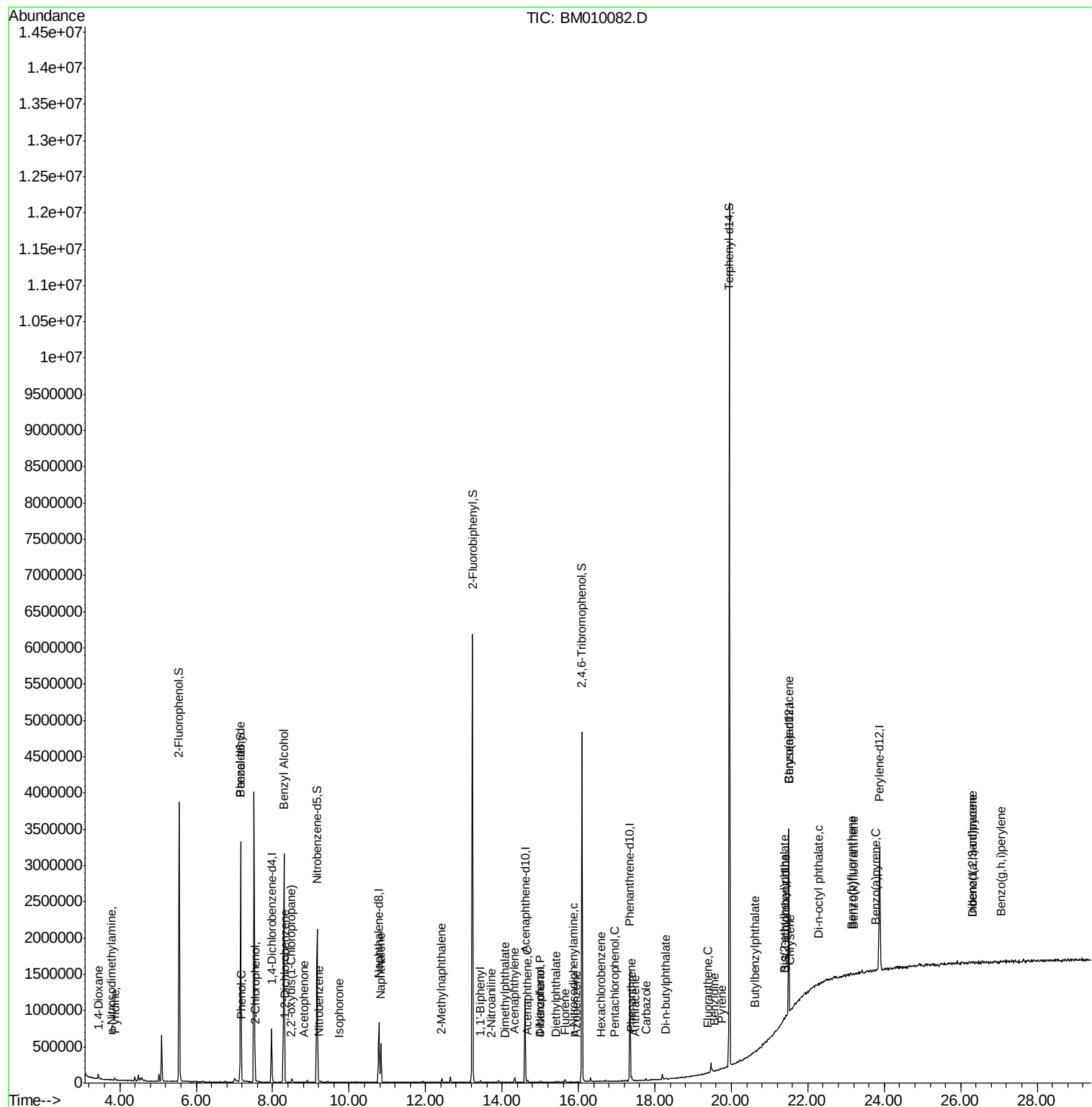
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) Butylbenzylphthalate	20.62	149	539	0.02	ng	# 66
80) Benzo(a)anthracene	21.50	228	5297	0.08	ng	# 86
81) 3,3'-Dichlorobenzidine	21.42	252	1285	0.05	ng	# 71
82) Chrysene	21.54	228	1069	0.02	ng	# 76
83) Bis(2-ethylhexyl)phthalate	21.38	149	2892	0.08	ng	# 72
84) Di-n-octyl phthalate	22.30	149	1392	0.02	ng	# 21
85) Indeno(1,2,3-cd)pyrene	26.30	276	9111	0.09	ng	# 100
87) Benzo(b)fluoranthene	23.14	252	2807	0.04	ng	# 1
88) Benzo(k)fluoranthene	23.20	252	3287	0.05	ng	# 1
89) Benzo(a)pyrene	23.77	252	4102	0.06	ng	# 1
90) Dibenzo(a,h)anthracene	26.30	278	1552	0.02	ng	# 1
91) Benzo(a,h,i)perylene	27.05	276	9459	0.12	ng	# 63

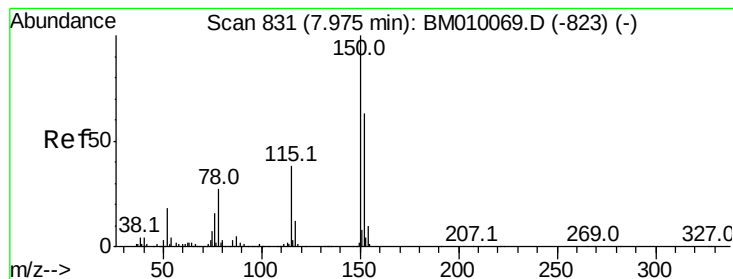
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
Data File : BM010082.D
Acq On : 19 May 2017 23:02
Operator : SJ/MA
Sample : I3202-18
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 20 04:03:01 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampled :

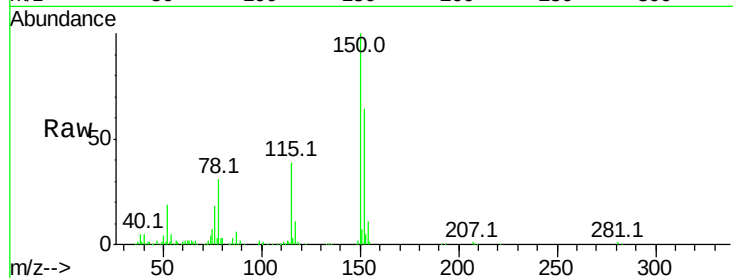
Tot Ion:152 Resp: 191623

Ion Ratio Lower Upper

152 100

150 157.3 119.5 179.3

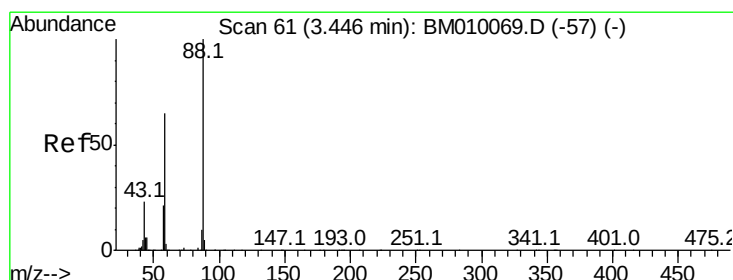
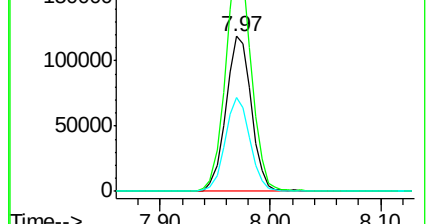
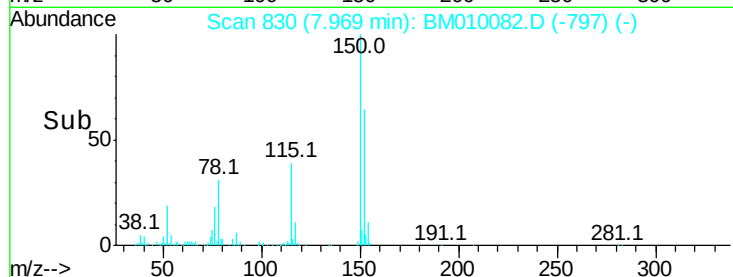
115 61.0 43.0 64.4



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: 0.03 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

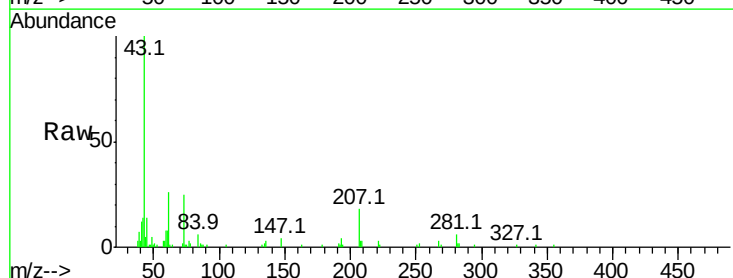
Tgt Ion: 88 Resp: 153

Ion Ratio Lower Upper

88 100

58 562.7 0.0 0.0#

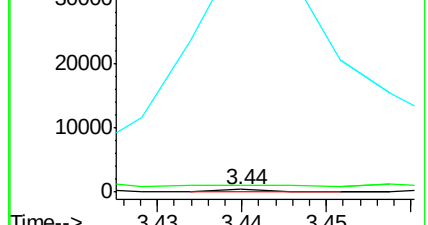
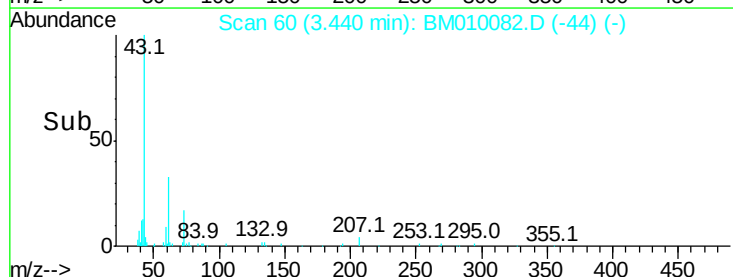
43 26917.6 0.0 0.0#

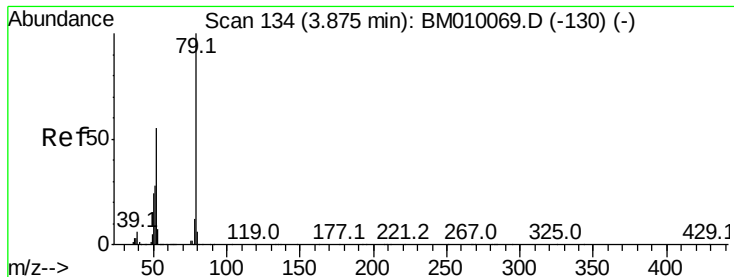


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.02 ng

RT: 3.86 min Scan# 132

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

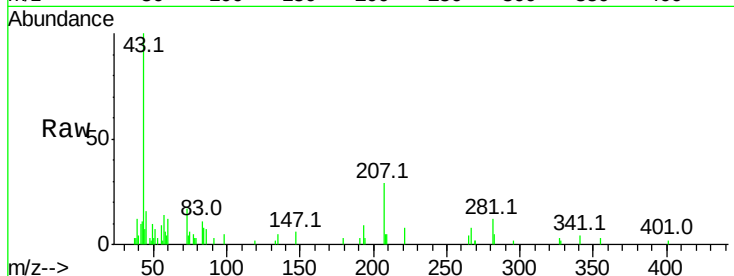
Tot Ion: 79 Resp: 260

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

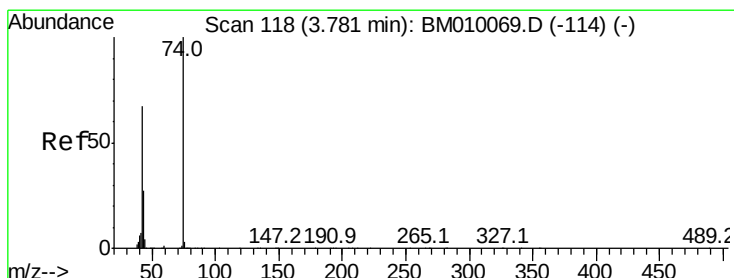
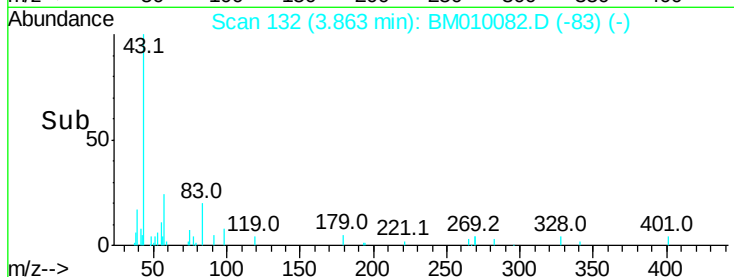
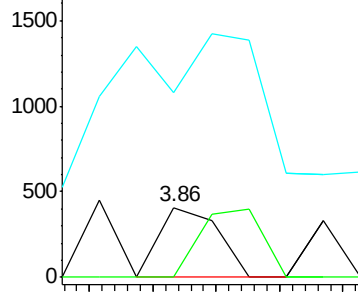
51 265.8 26.1 39.1#



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: 0.09 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

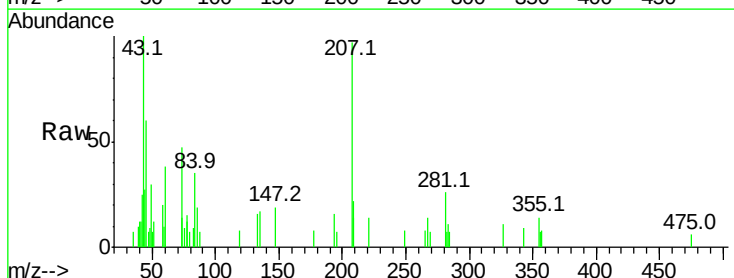
Tgt Ion: 42 Resp: 447

Ion Ratio Lower Upper

42 100

74 56.4 119.3 178.9#

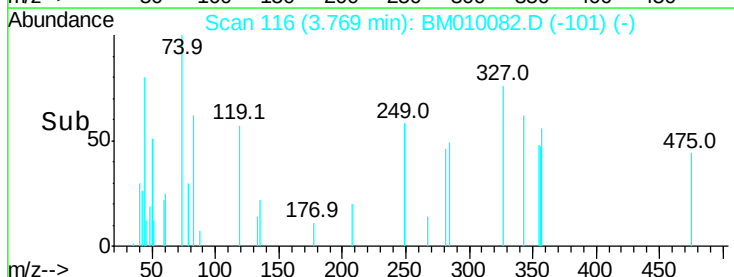
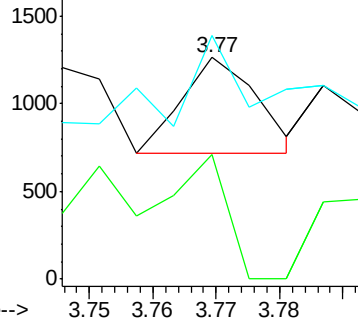
44 109.8 5.4 8.2#

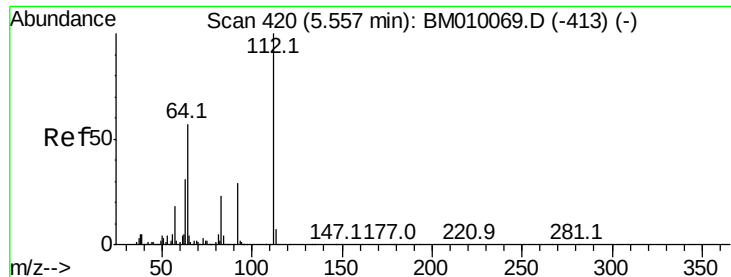


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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: 142.78 ng

RT: 5.56 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

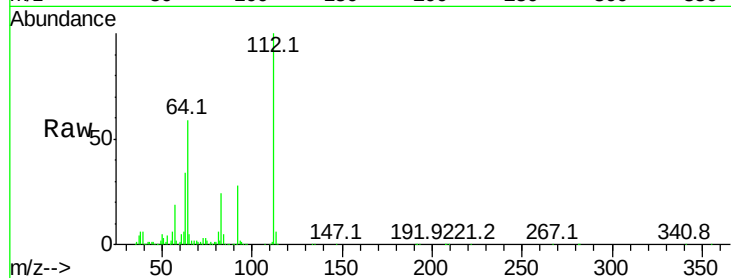
Tot Ion:112 Resp: 1515036

Ion Ratio Lower Upper

112 100

64 59.0 38.6 57.8#

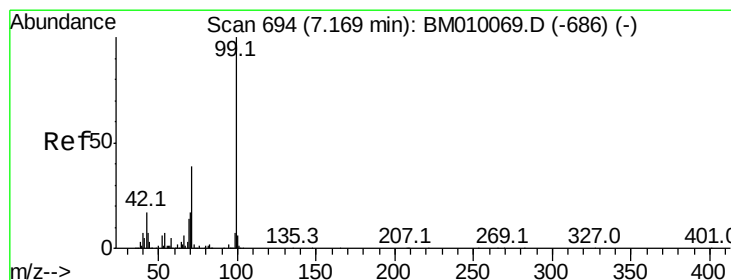
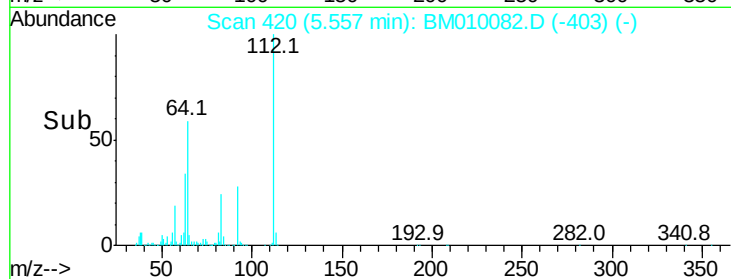
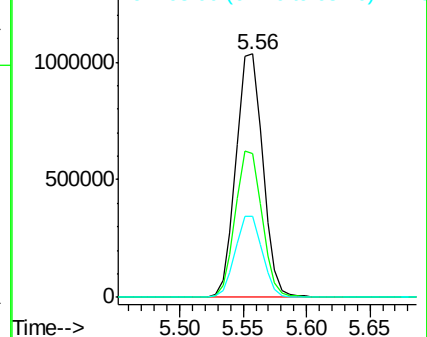
63 33.5 19.3 28.9#



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



#7

Phenol-d6

Concen: 125.72 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

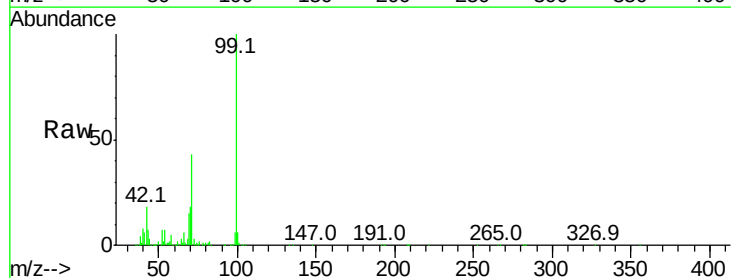
Tgt Ion: 99 Resp: 1716586

Ion Ratio Lower Upper

99 100

42 17.9 11.0 16.4#

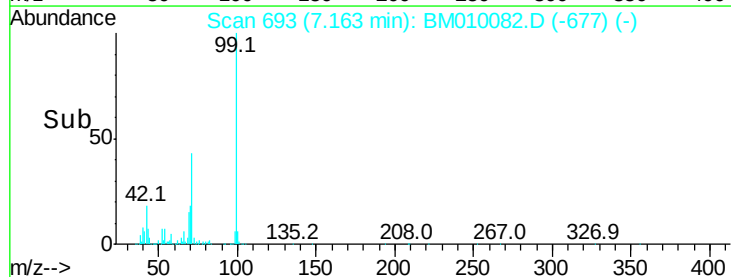
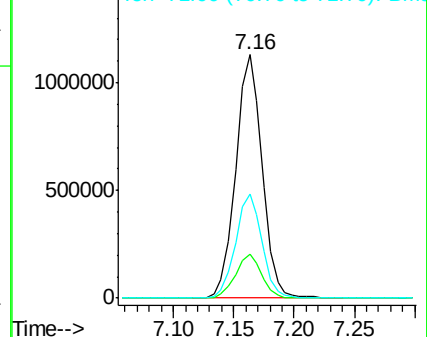
71 42.9 23.4 35.2#

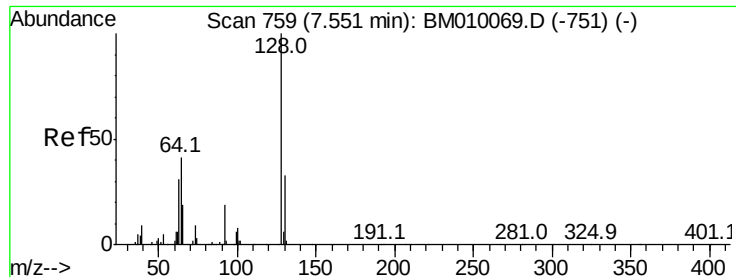


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 0.02 ng

RT: 7.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BM010082.D

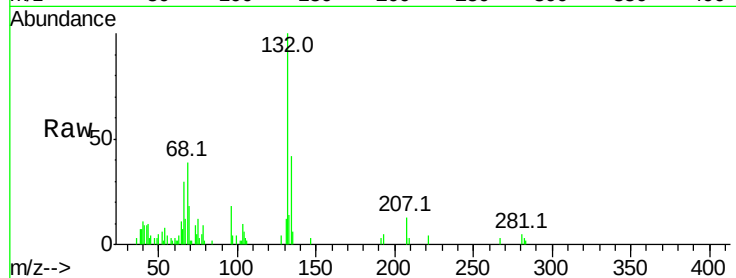
Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

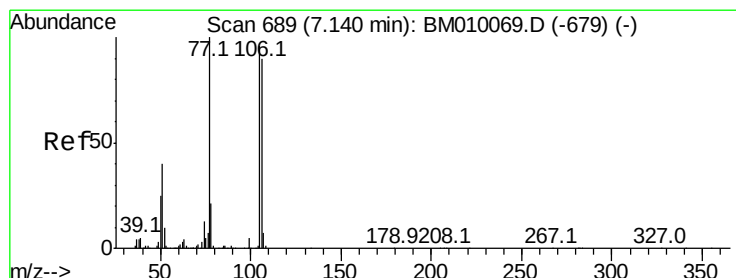
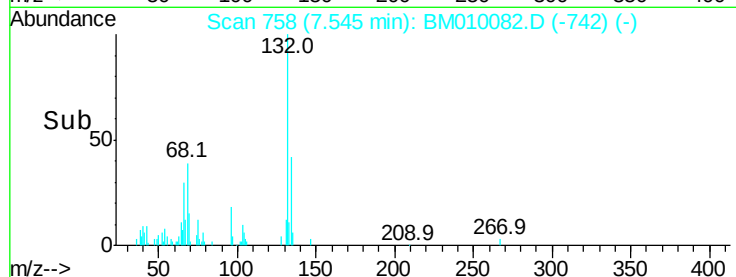
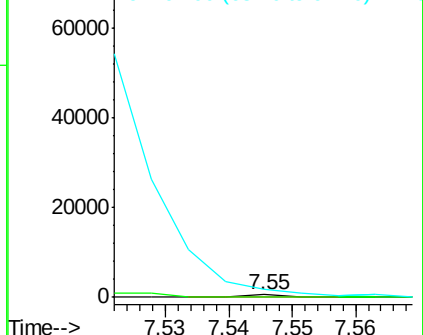
Tot Ion:	128	Resp:	200
Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	309.4	24.9	64.9#



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: 0.62 ng

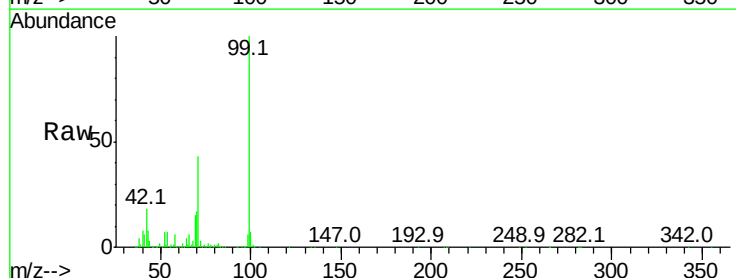
RT: 7.16 min Scan# 692

Delta R.T. 0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

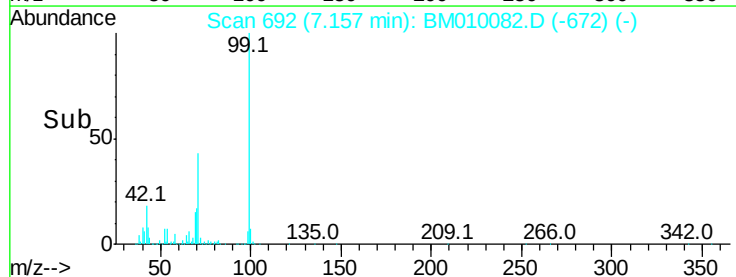
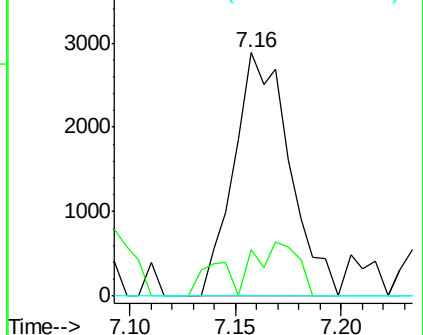
Tgt Ion:	77	Resp:	5262
Ion	Ratio	Lower	Upper
77	100		
105	18.8	78.8	118.8#
106	0.0	73.7	113.7#

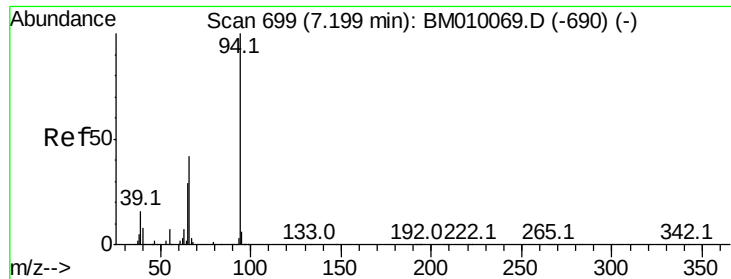


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.02 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampled :

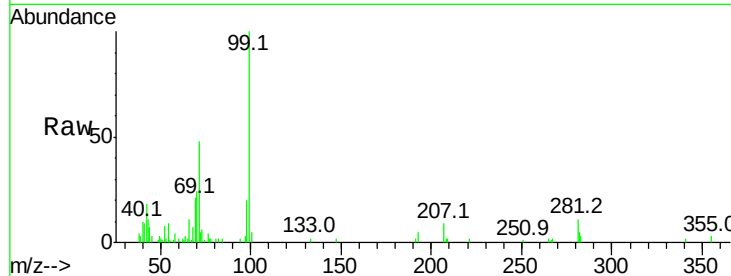
Tot Ion: 94 Resp: 334

Ion Ratio Lower Upper

94 100

65 80.8 18.8 58.8#

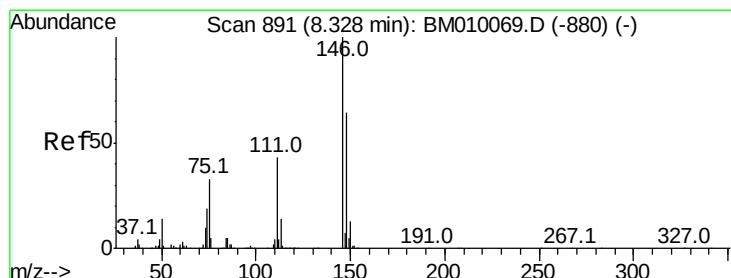
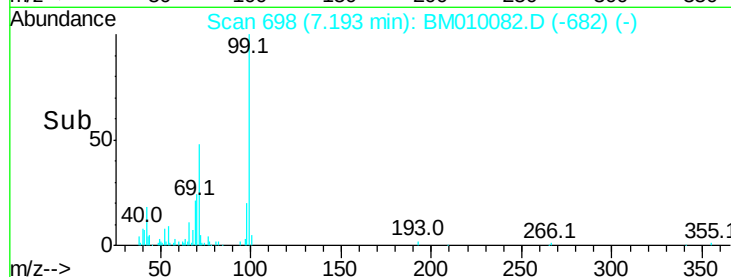
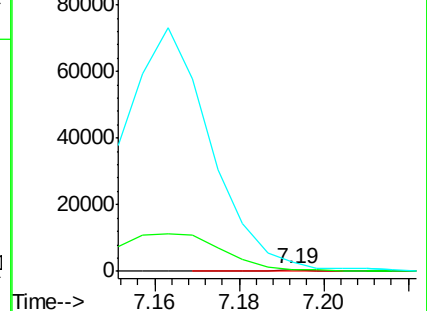
66 447.0 39.9 79.9#



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) (-)



#14

1,2-Dichlorobenzene

Concen: 0.01 ng

RT: 8.32 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

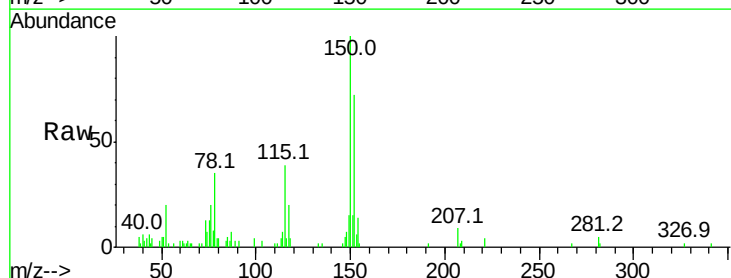
Tgt Ion: 146 Resp: 122

Ion Ratio Lower Upper

146 100

148 354.0 52.3 78.5#

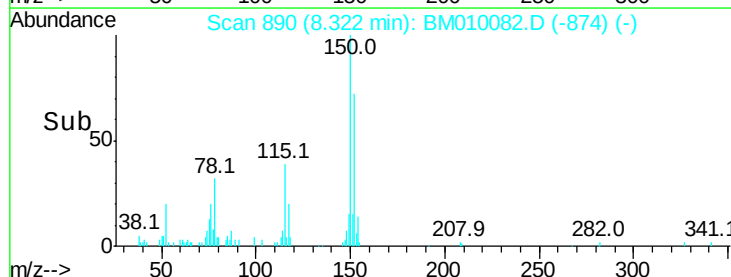
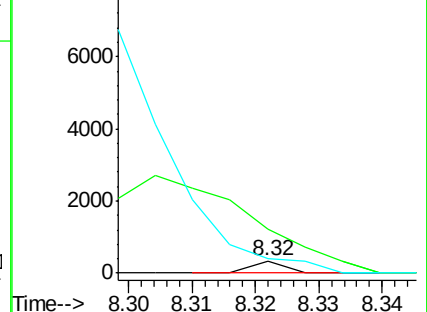
111 119.1 30.6 45.8#

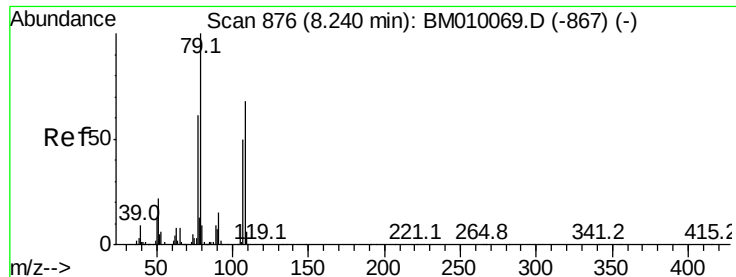


Abundance Ion 146.00 (145.70 to 146.70): BM010069.D (-880) (-)

Ion 148.00 (147.70 to 148.70): BM010069.D (-880) (-)

Ion 111.00 (110.70 to 111.70): BM010069.D (-880) (-)





#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.05 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampled :

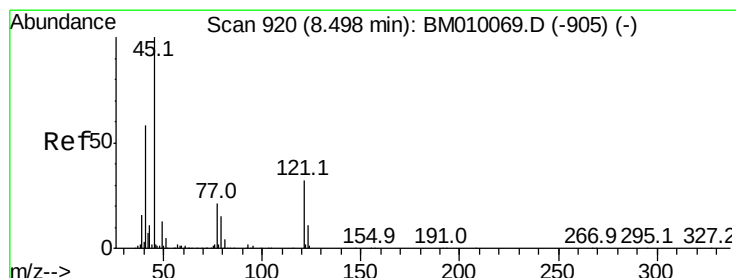
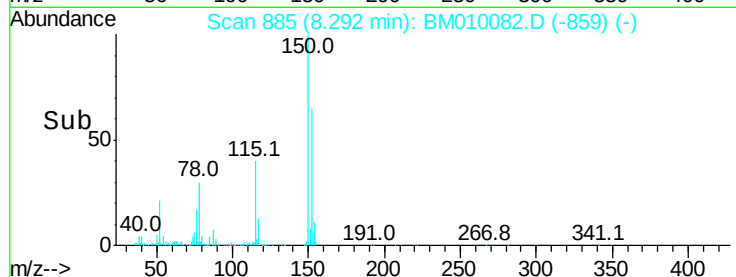
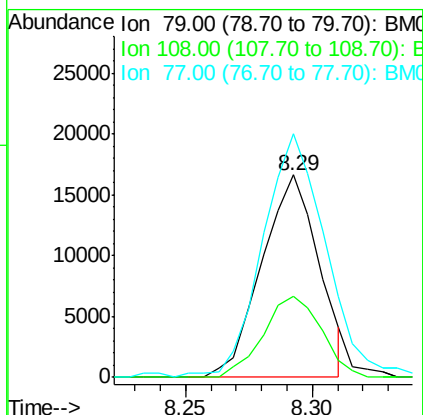
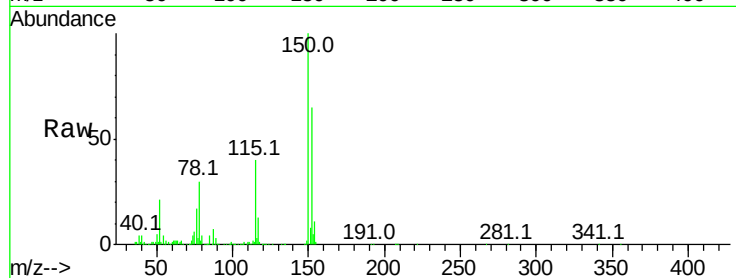
Tot Ion: 79 Resp: 26210

Ion Ratio Lower Upper

79 100

108 39.9 65.0 97.4#

77 120.4 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.08 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

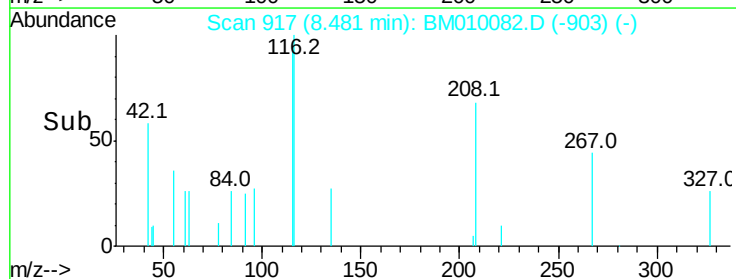
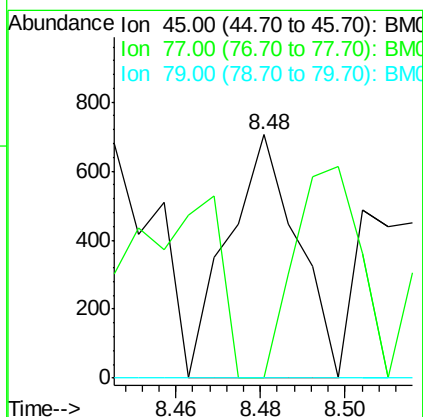
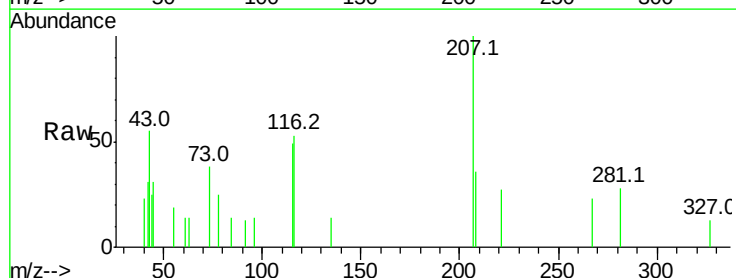
Tgt Ion: 45 Resp: 801

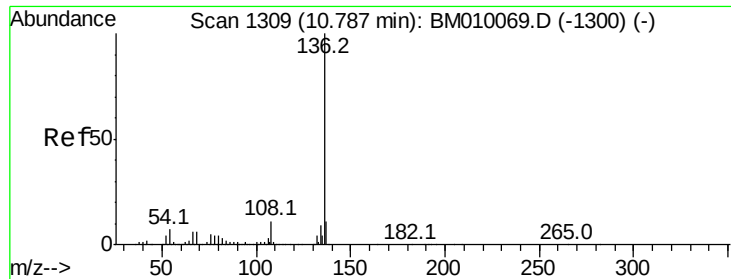
Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

79 0.0 0.0 32.0

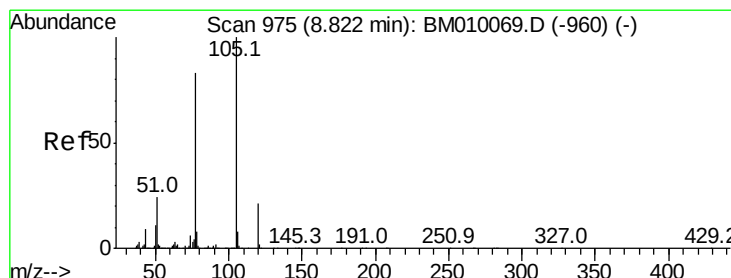
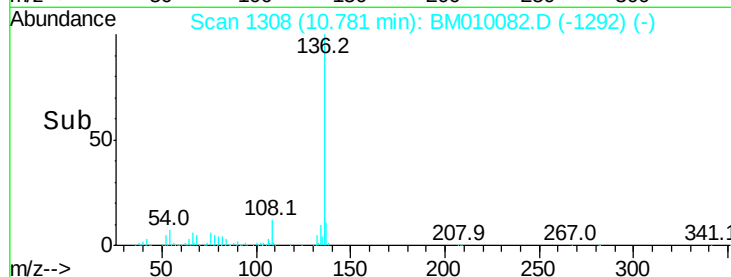
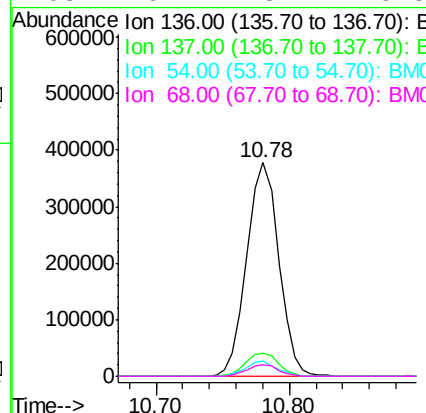
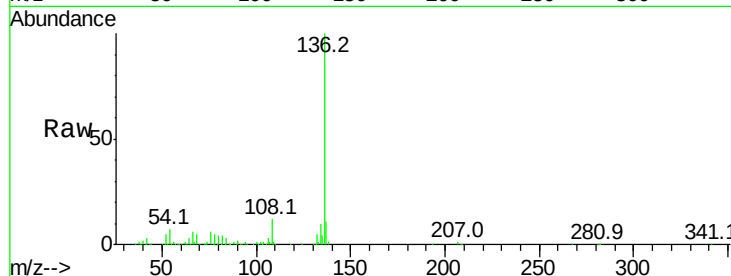




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

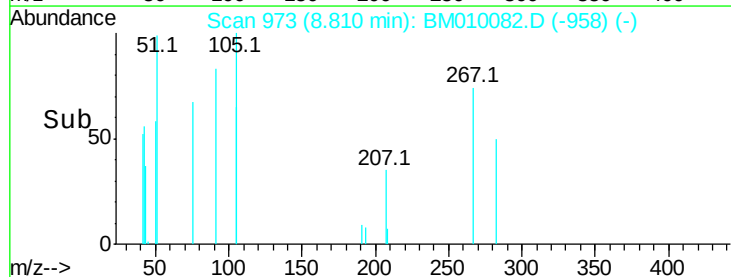
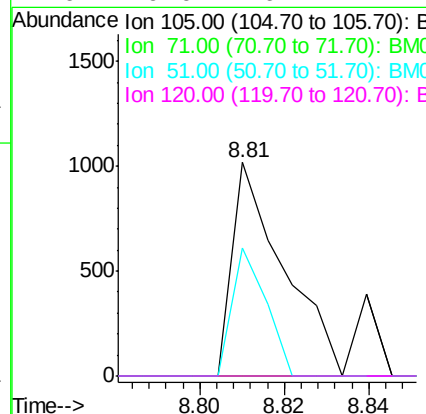
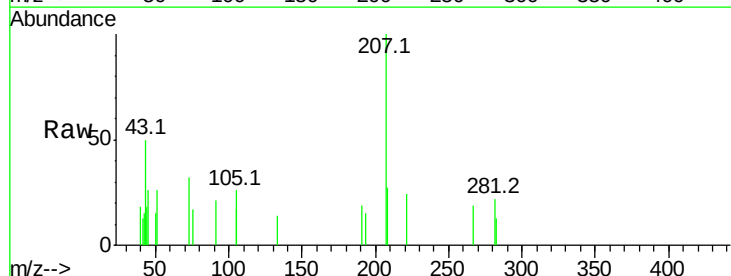
Instrument :
BNA_M
ClientSampled :

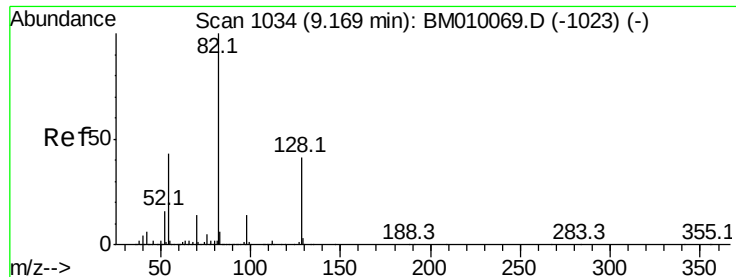
Tot Ion:	136	Resp:	629650
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.9	4.6	6.8#
68	5.2	3.7	5.5



#22
Acetophenone
Concen: 0.05 ng
RT: 8.81 min Scan# 973
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:	105	Resp:	861
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	60.0	21.6	32.4#
120	0.0	16.1	24.1#

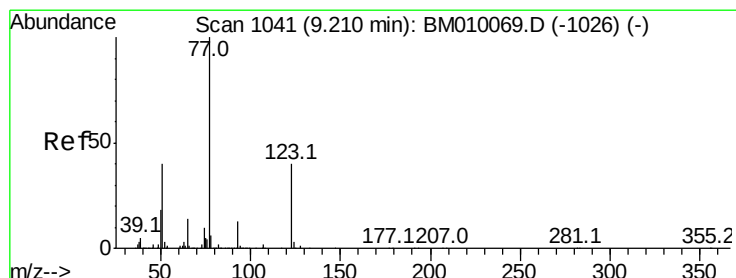
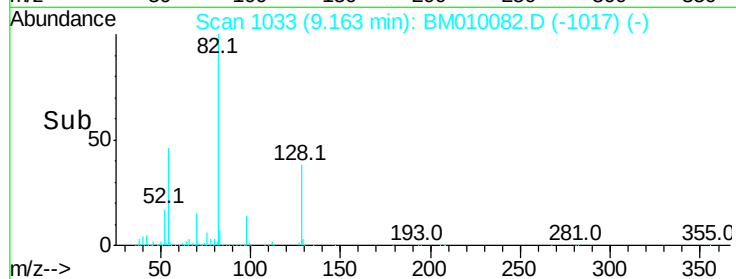
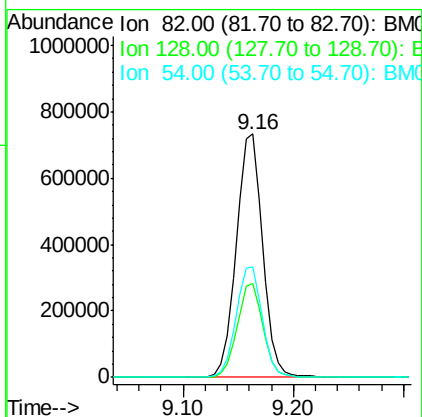
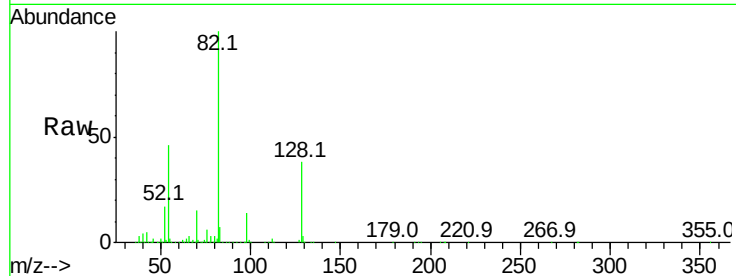




#23
 Nitrobenzene-d5
 Concen: 105.53 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

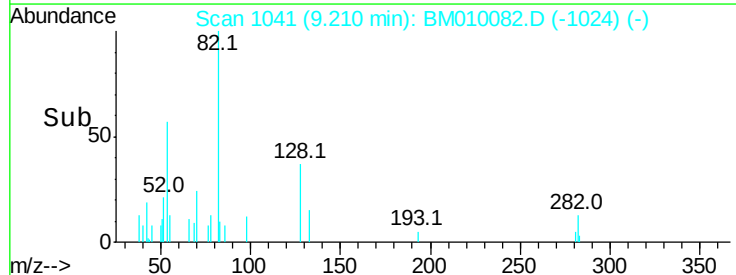
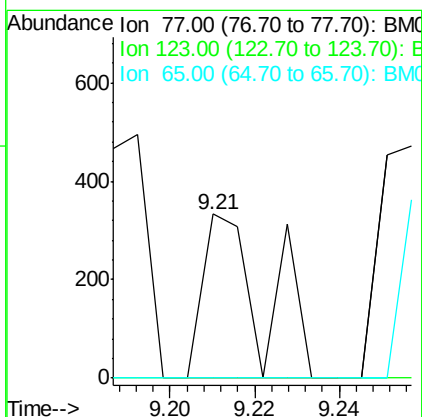
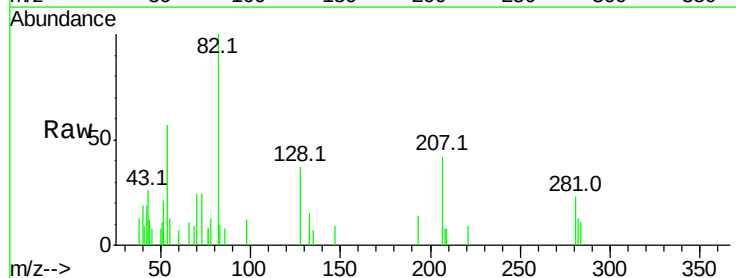
Instrument :
 BNA_M
 ClientSampled :

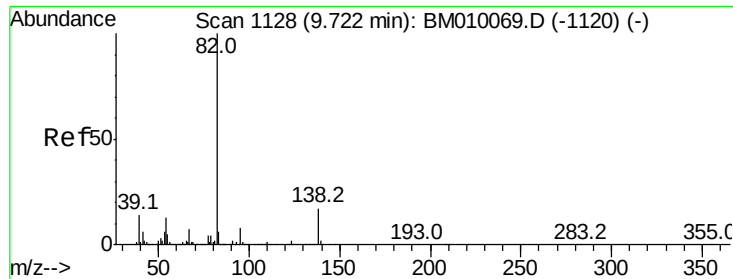
Tot Ion: 82 Resp: 1231626
 Ion Ratio Lower Upper
 82 100
 128 38.4 32.8 49.2
 54 45.6 40.6 60.8



#24
 Nitrobenzene
 Concen: 0.03 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Tgt Ion: 77 Resp: 337
 Ion Ratio Lower Upper
 77 100
 123 0.0 32.6 49.0#
 65 0.0 10.9 16.3#





#25

Isophorone

Concen: 0.01 ng

RT: 9.74 min Scan# 1131

Delta R.T. 0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

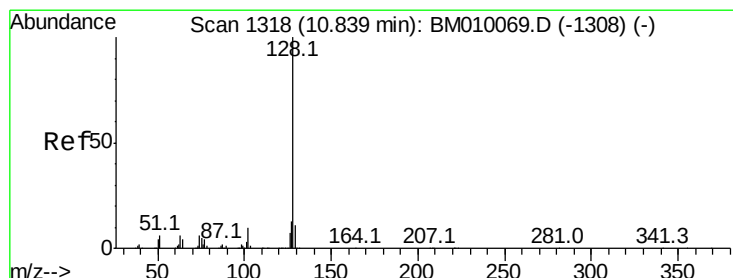
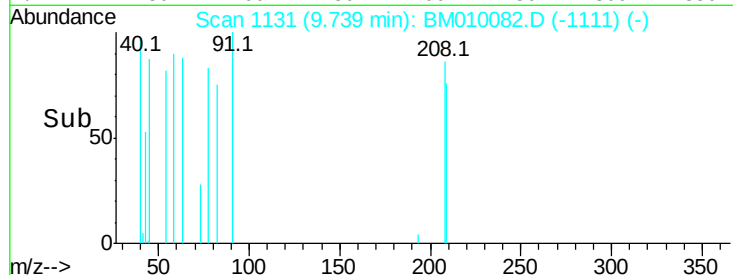
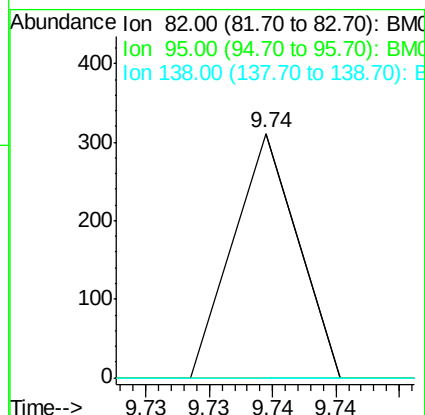
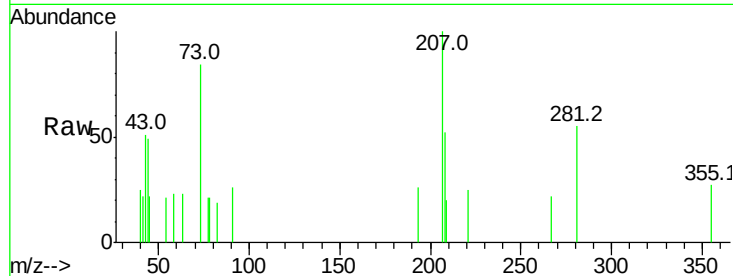
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 82 Resp: 110

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	16.3	24.5#



#31

Naphthalene

Concen: 12.44 ng

RT: 10.83 min Scan# 1316

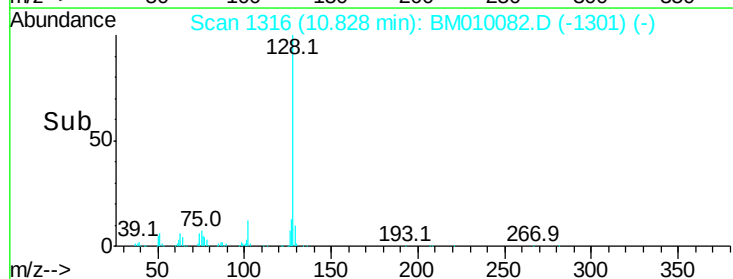
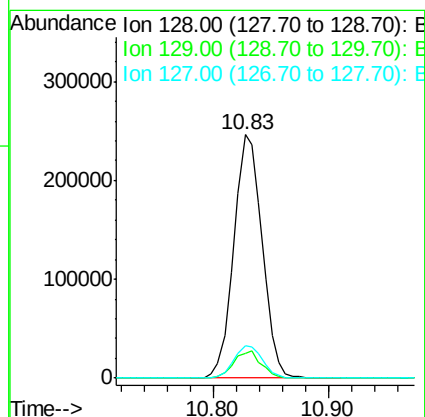
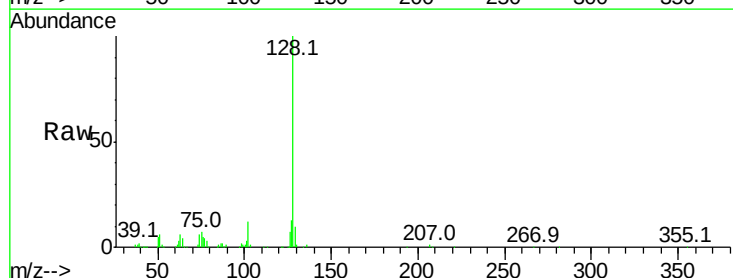
Delta R.T. -0.01 min

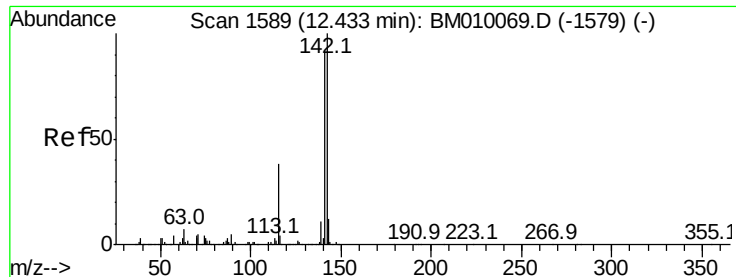
Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion: 128 Resp: 418860

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.9	13.3
127	13.2	10.4	15.6

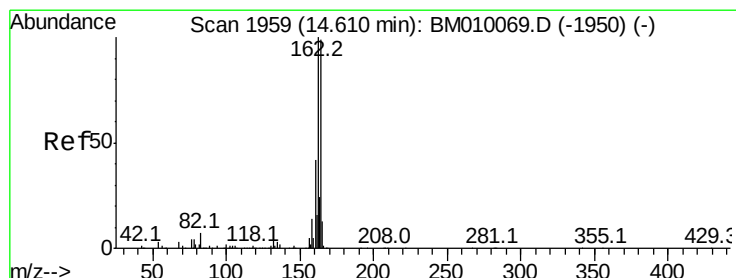
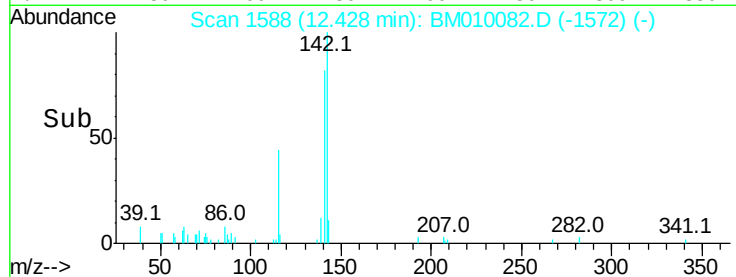
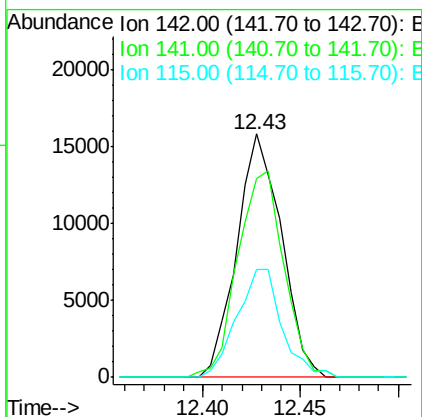
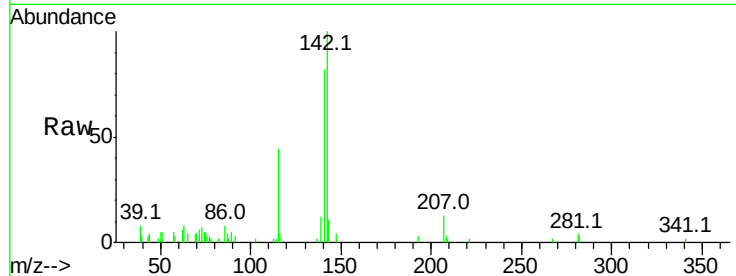




#37
 2-Methylnaphthalene
 Concen: 1.03 ng
 RT: 12.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

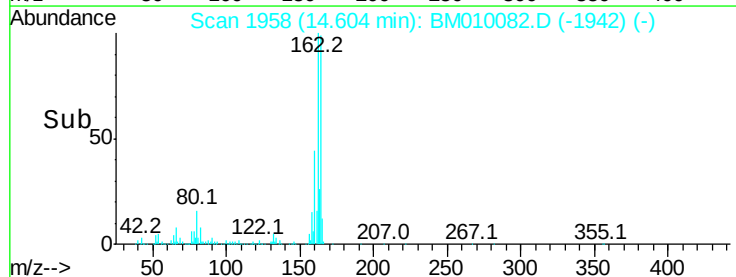
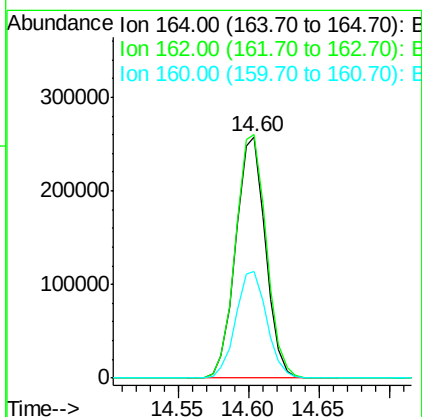
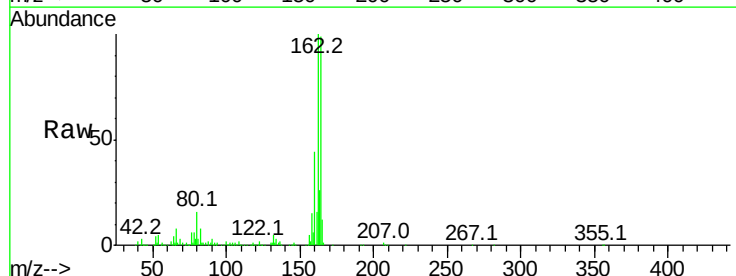
Instrument :
 BNA_M
 ClientSampleId :

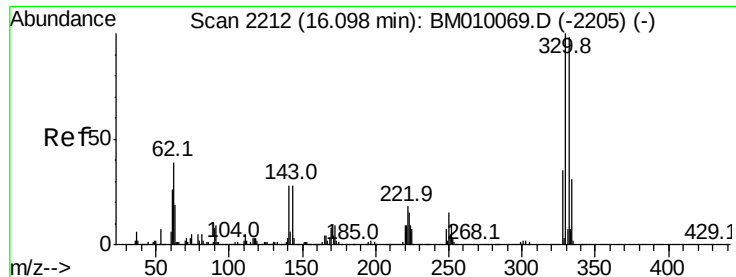
Tot Ion	Ratio	Lower	Upper
142	100		
141	81.7	71.9	107.9
115	44.1	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1958
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.4	123.6
160	43.9	35.8	53.6

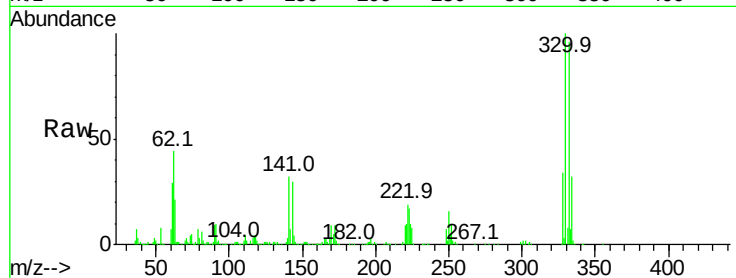




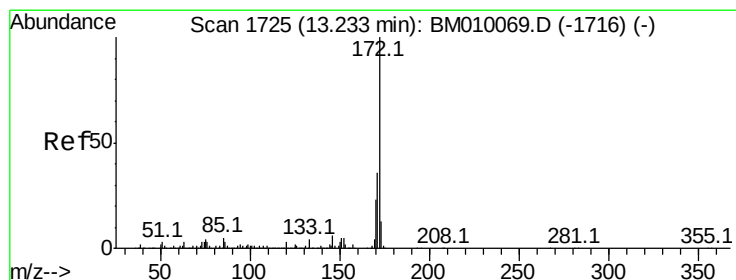
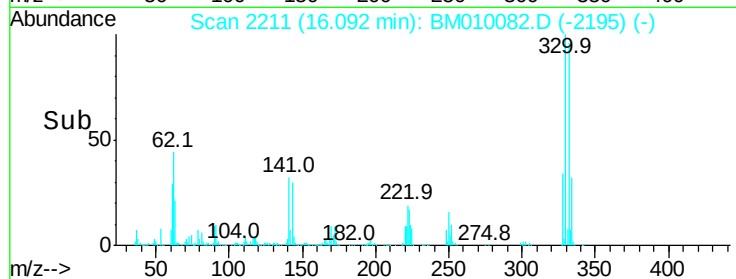
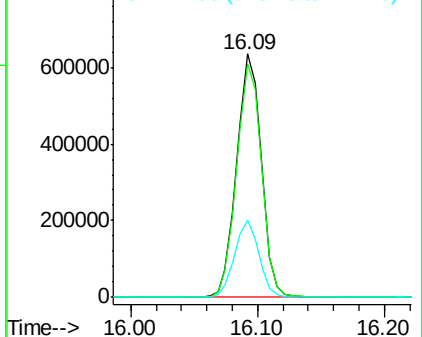
#41
 2,4,6-Tribromophenol
 Concen: 148.38 ng
 RT: 16.09 min Scan# 2211
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	0.0	0.0#
141	31.1	0.0	0.0#

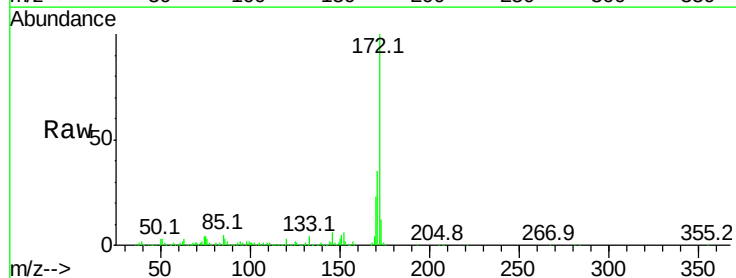


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

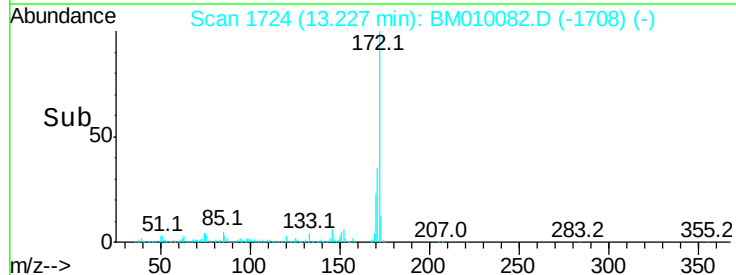
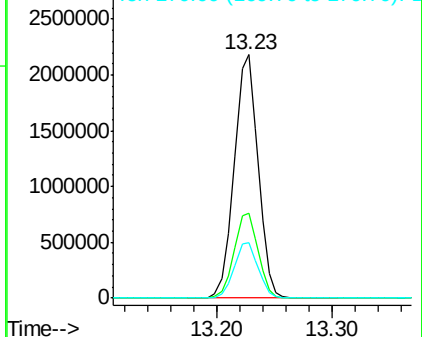


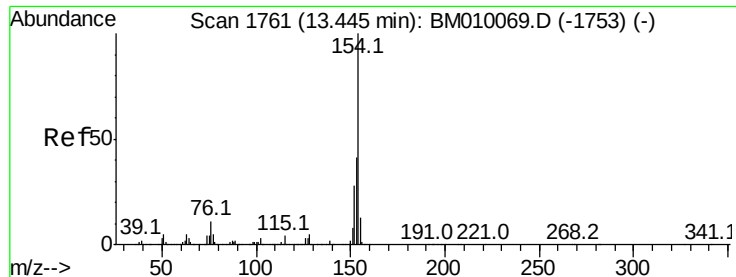
#44
 2-Fluorobiphenyl
 Concen: 105.74 ng
 RT: 13.23 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BM010082.D
 Acq: 19 May 2017 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	22.7	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: 0.41 ng

RT: 13.44 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

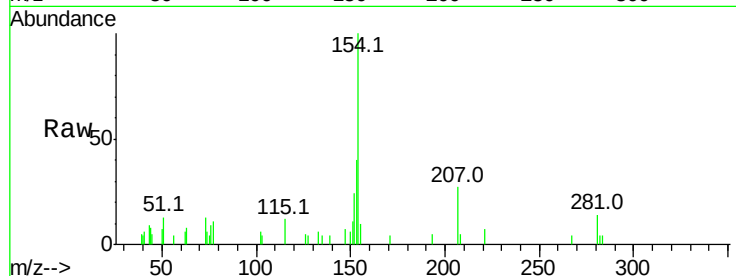
Tot Ion:154 Resp: 12927

Ion Ratio Lower Upper

154 100

153 40.2 20.7 60.7

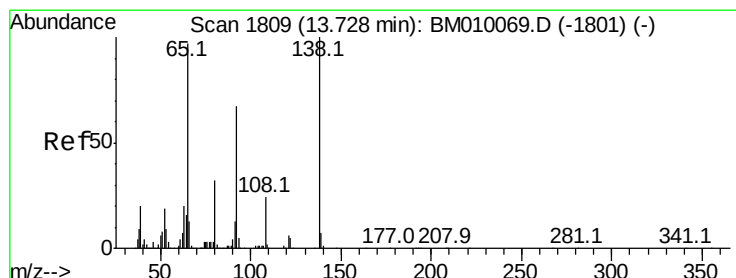
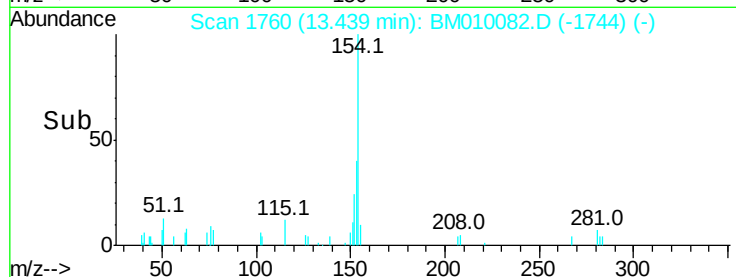
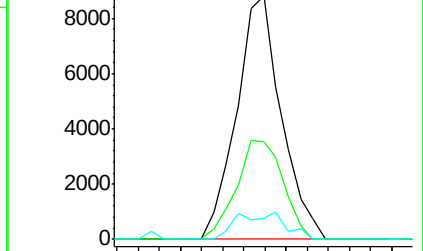
76 8.7 0.0 30.9



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



#47

2-Nitroaniline

Concen: 0.02 ng

RT: 13.72 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

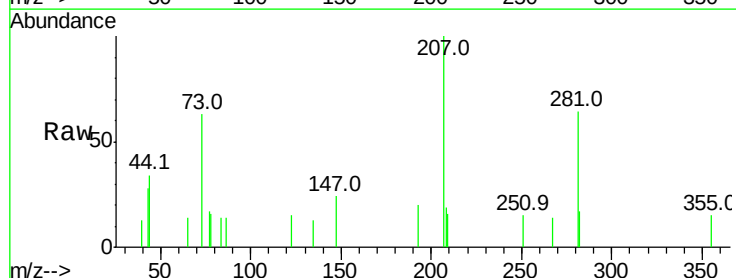
Tgt Ion: 65 Resp: 116

Ion Ratio Lower Upper

65 100

92 0.0 59.1 88.7#

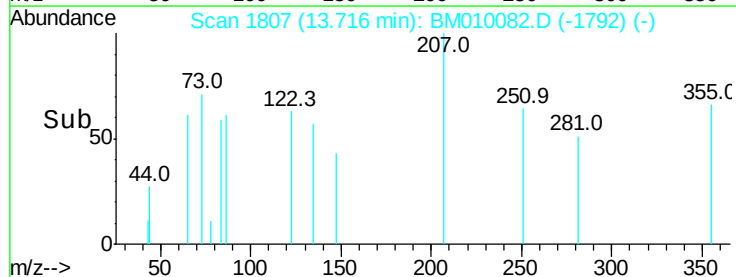
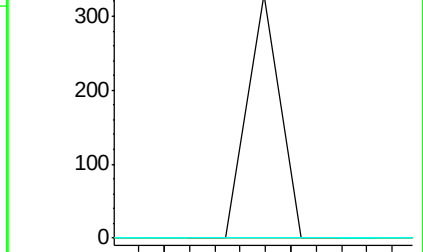
138 0.0 93.9 140.9#

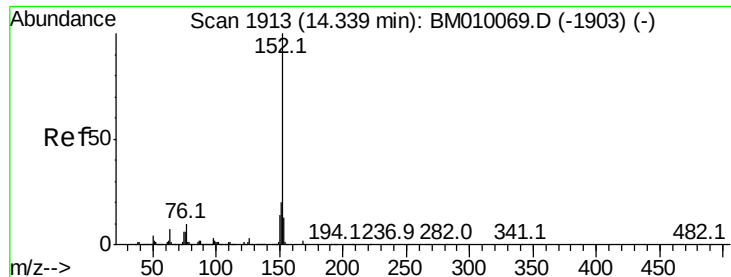


Abundance Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 1.25 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

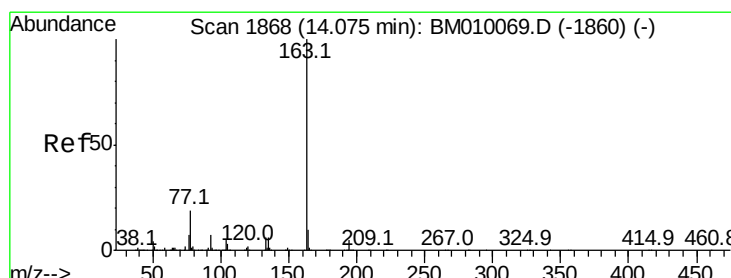
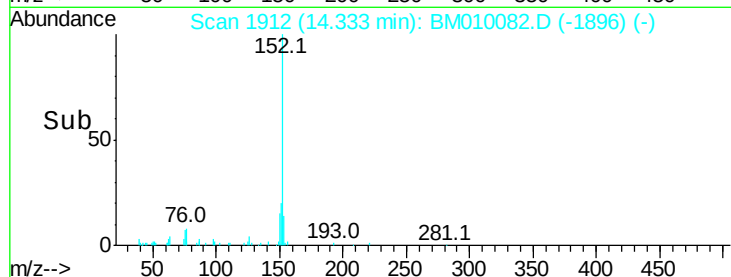
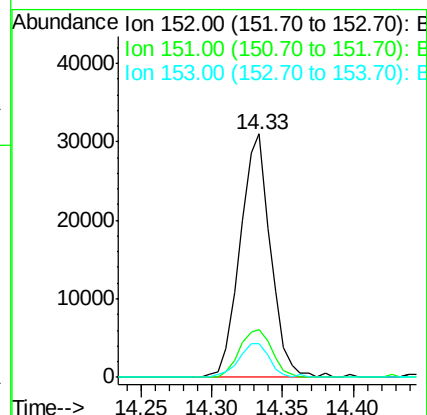
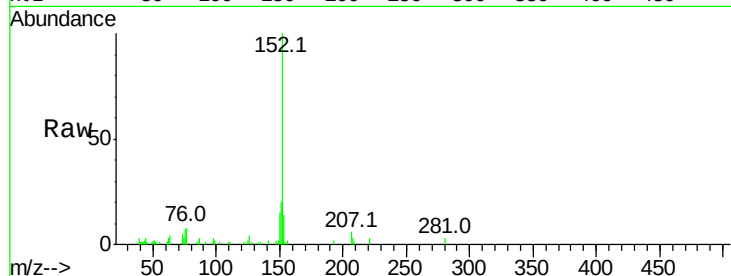
Tot Ion:152 Resp: 46620

Ion Ratio Lower Upper

152 100

151 19.7 15.9 23.9

153 13.9 10.6 16.0



#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.08 min Scan# 1869

Delta R.T. 0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

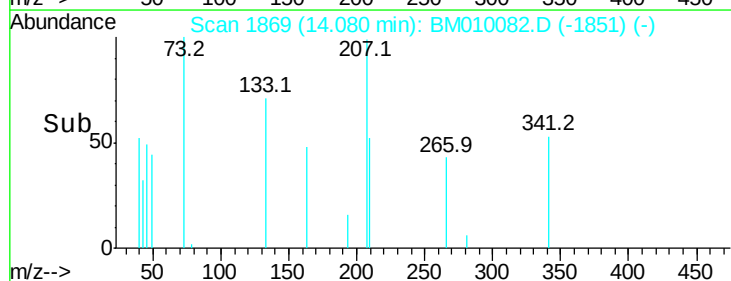
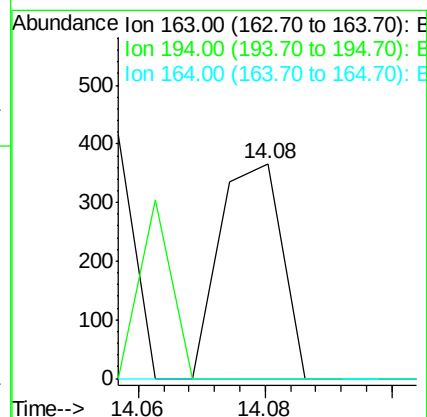
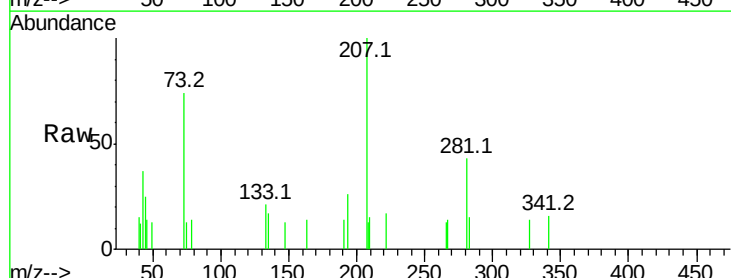
Tgt Ion:163 Resp: 247

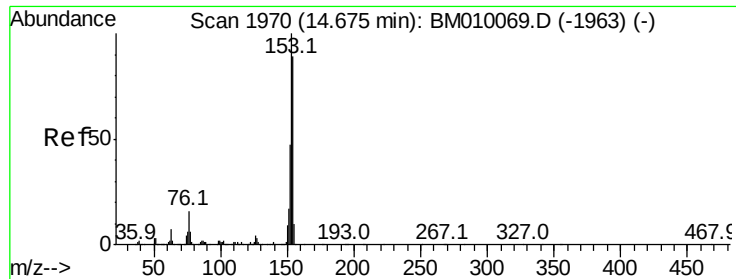
Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

164 0.0 8.2 12.2#





#51

Acenaphthene

Concen: 0.46 ng

RT: 14.67 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

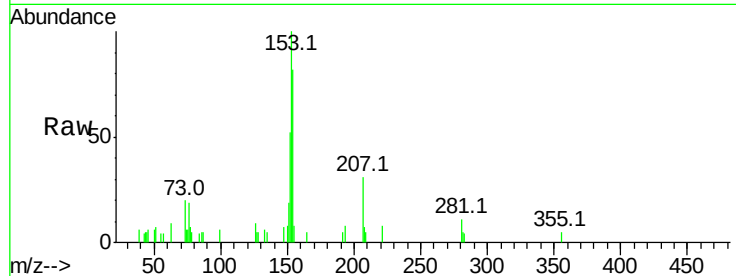
Tot Ion:154 Resp: 10632

Ion Ratio Lower Upper

154 100

153 121.4 90.0 135.0

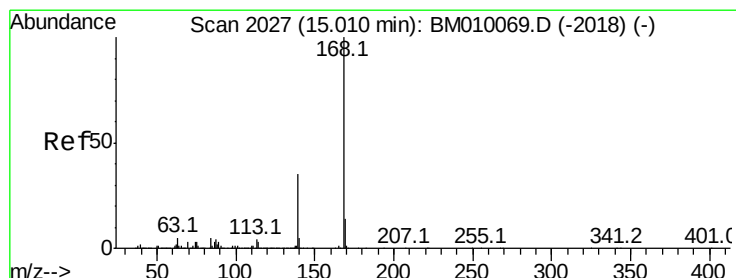
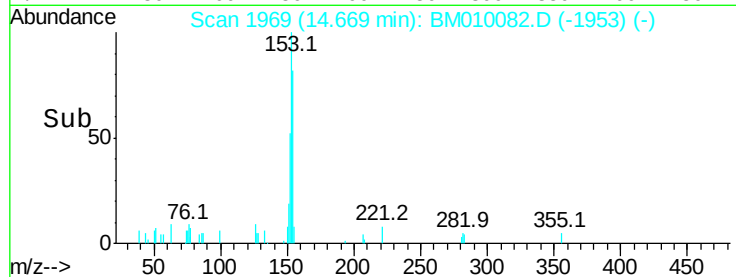
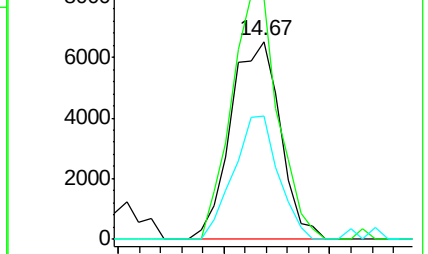
152 62.5 42.6 63.8



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: 0.17 ng

RT: 15.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

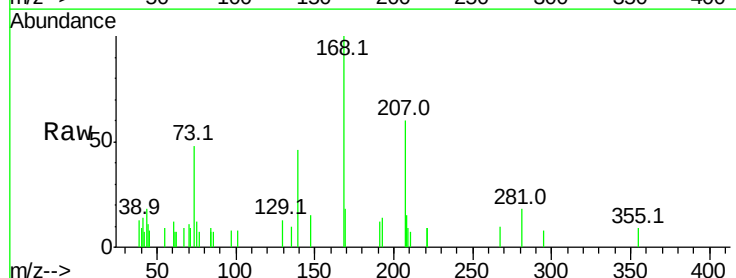
Tgt Ion:168 Resp: 6037

Ion Ratio Lower Upper

168 100

139 46.0 27.3 40.9#

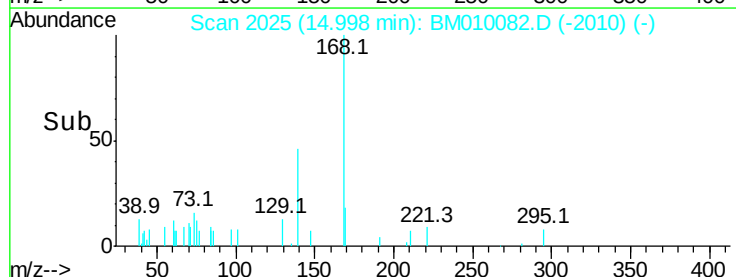
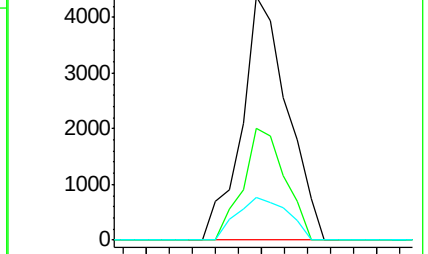
169 17.8 10.6 16.0#

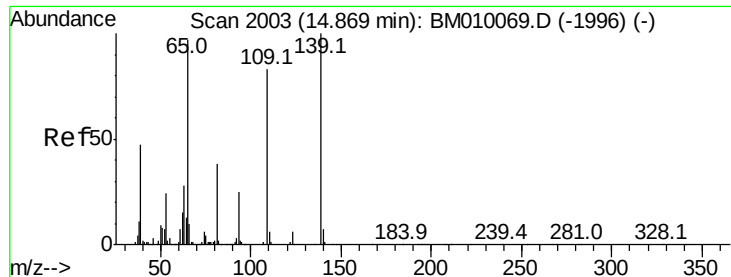


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

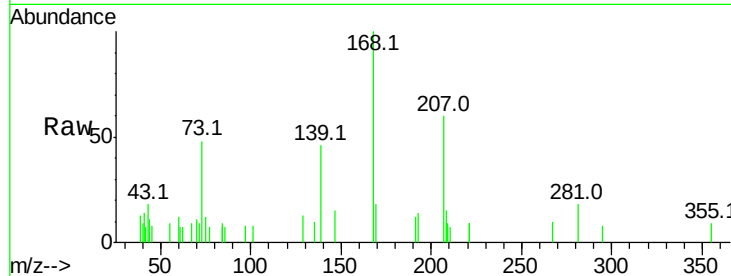




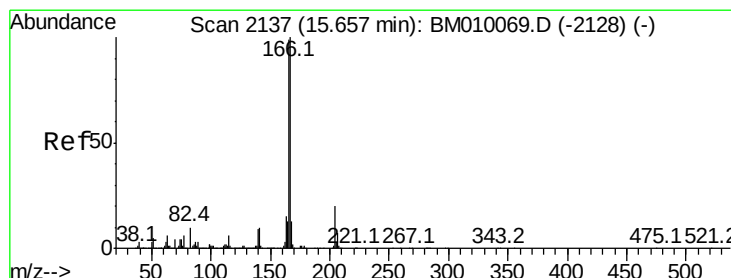
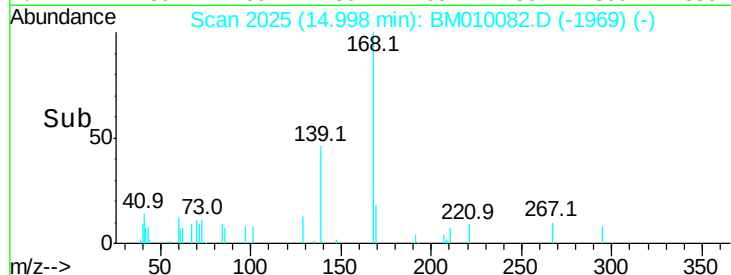
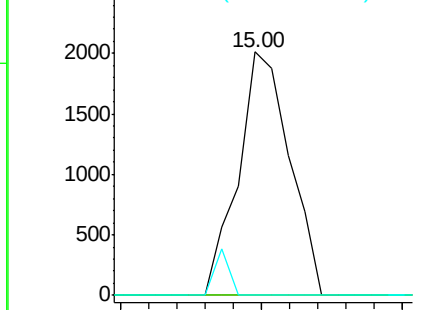
#55
4-Nitrophenol
Concen: 0.53 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.13 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Instrument :
BNA_M
ClientSampled :

Tot Ion:139 Resp: 2544
Ion Ratio Lower Upper
139 100
109 0.0 37.7 77.7#
65 0.0 49.9 89.9#

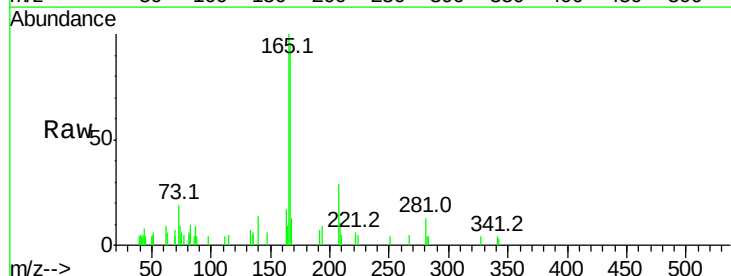


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): B

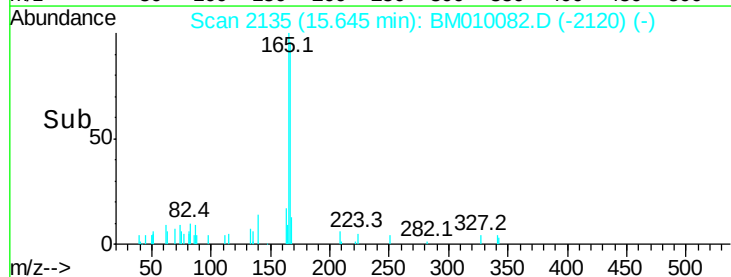
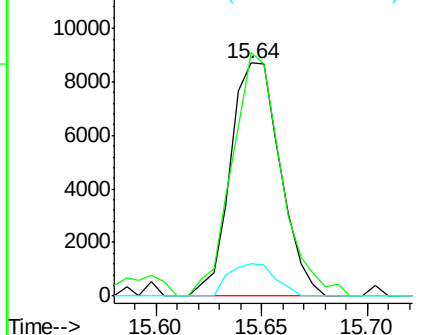


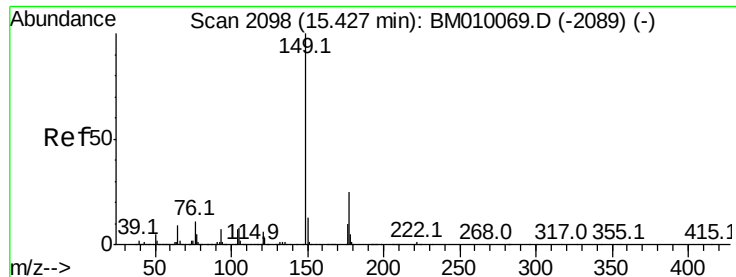
#57
Fluorene
Concen: 0.45 ng
RT: 15.64 min Scan# 2135
Delta R.T. -0.01 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion:166 Resp: 14245
Ion Ratio Lower Upper
166 100
165 104.5 79.0 118.4
167 13.8 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#59

Diethylphthalate

Concen: 0.10 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

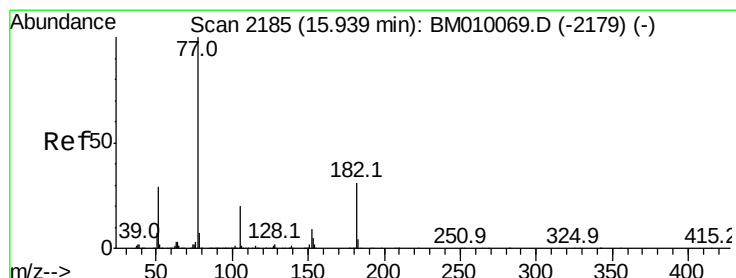
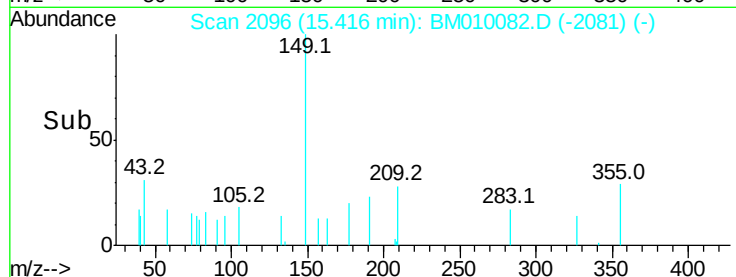
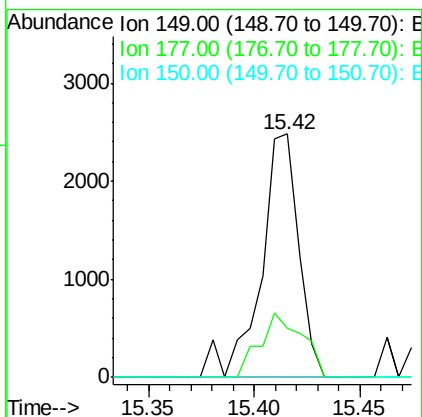
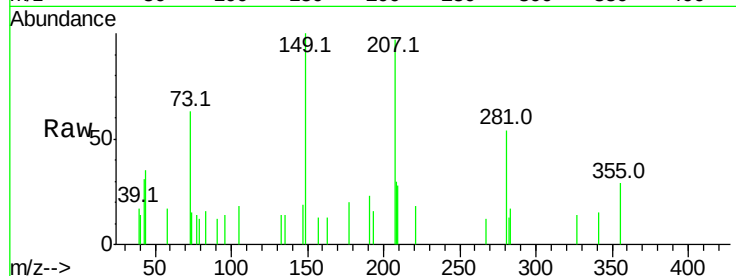
Tot Ion: 149 Resp: 3098

Ion Ratio Lower Upper

149 100

177 20.1 18.3 27.5

150 0.0 9.8 14.8#



#62

Azobenzene

Concen: 0.02 ng

RT: 15.93 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion: 77 Resp: 567

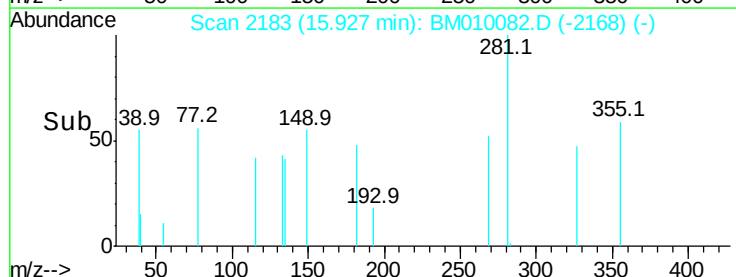
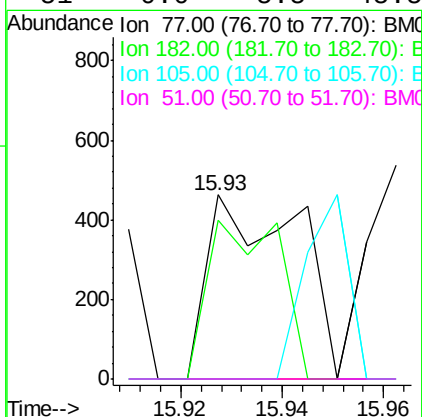
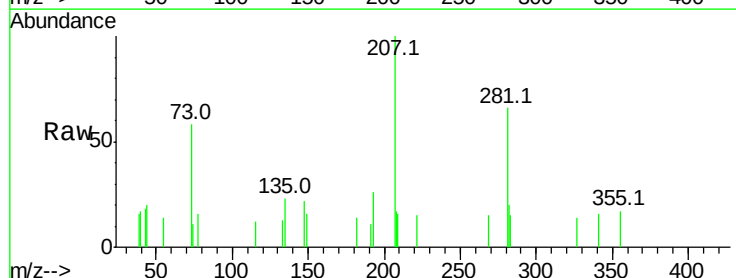
Ion Ratio Lower Upper

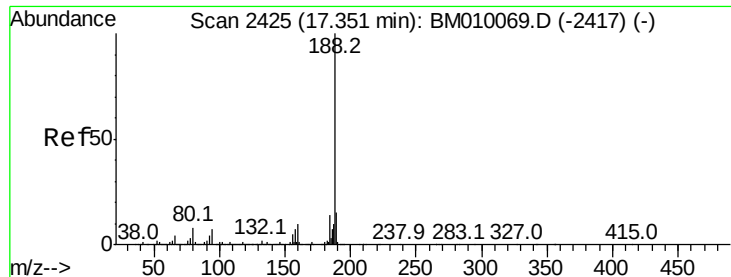
77 100

182 86.6 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: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

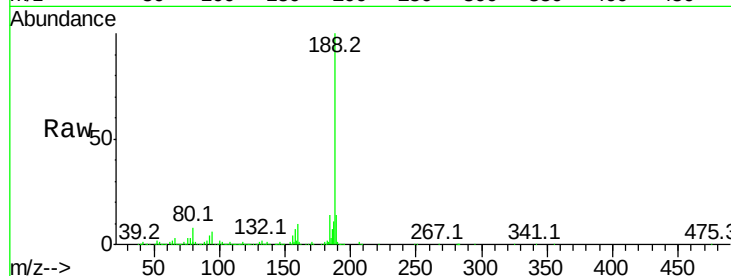
Tot Ion:188 Resp: 895404

Ion Ratio Lower Upper

188 100

94 5.8 8.7 13.1#

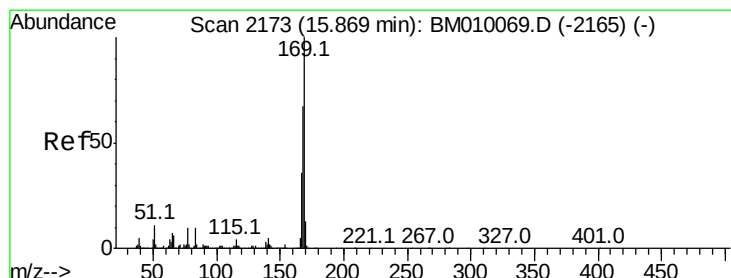
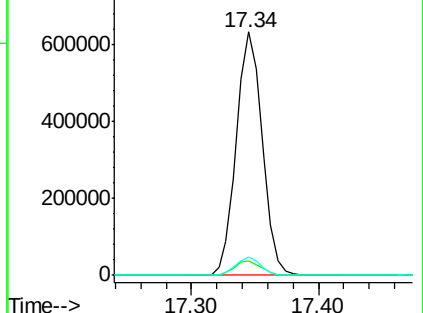
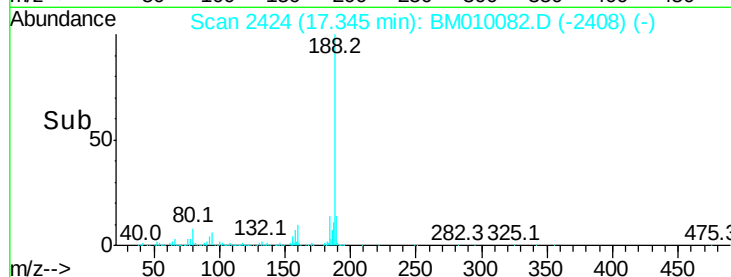
80 7.7 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#65

n-Nitrosodiphenylamine

Concen: 0.08 ng

RT: 15.87 min Scan# 2173

Delta R.T. -0.00 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

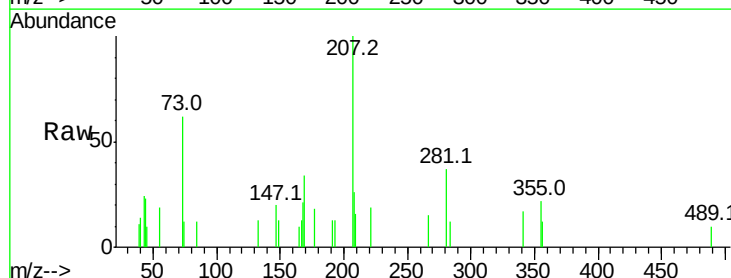
Tgt Ion:169 Resp: 2157

Ion Ratio Lower Upper

169 100

168 62.7 53.9 80.9

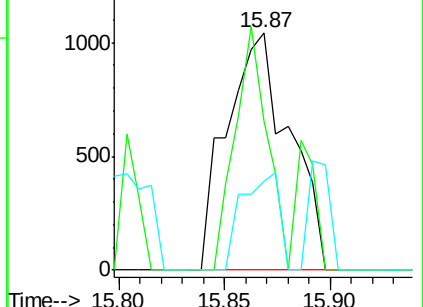
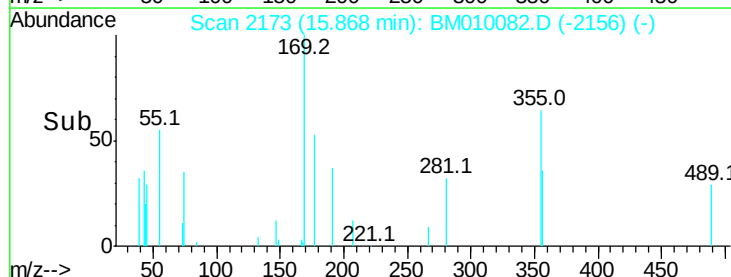
167 37.5 28.9 43.3

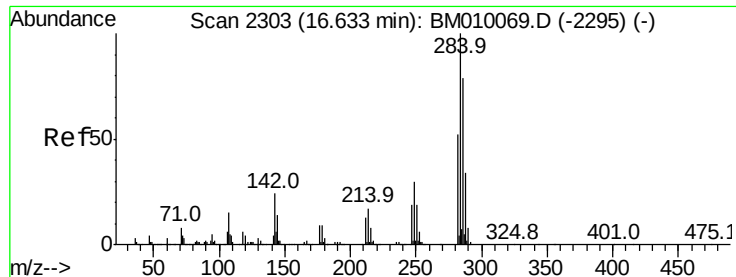


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

Hexachlorobenzene

Concen: 0.01 ng

RT: 16.59 min Scan# 2295

Delta R.T. -0.05 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

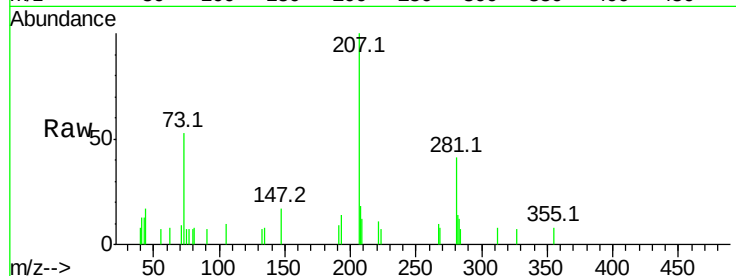
Tot Ion:284 Resp: 116

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

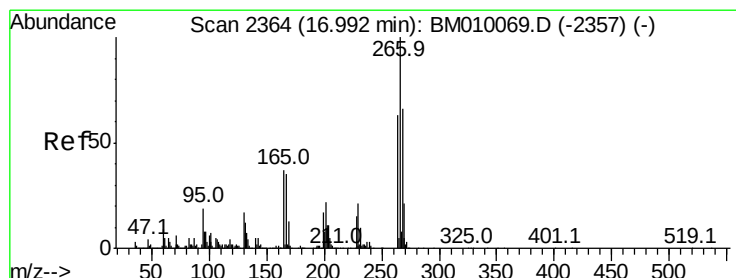
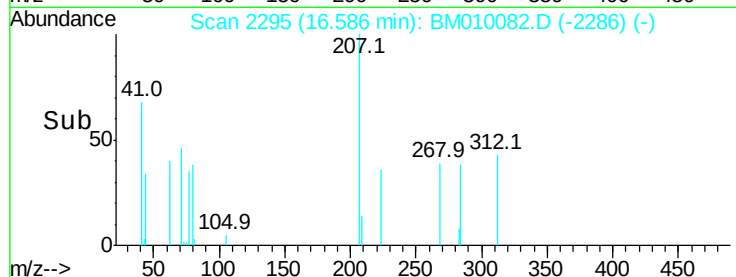
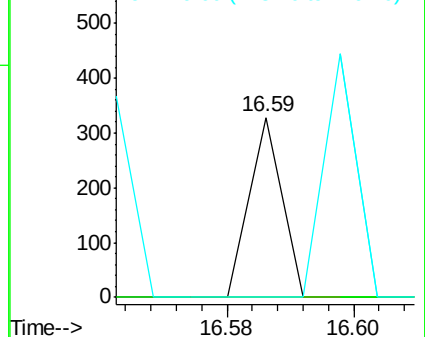
249 0.0 23.8 35.6#



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



#69

Pentachlorophenol

Concen: 0.02 ng

RT: 16.96 min Scan# 2359

Delta R.T. -0.03 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

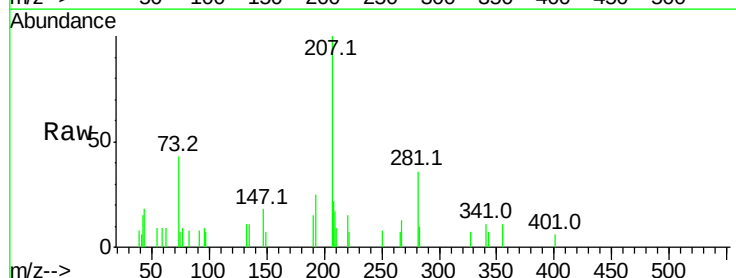
Tgt Ion:266 Resp: 123

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

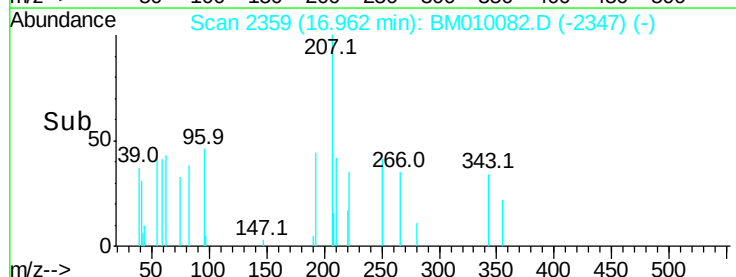
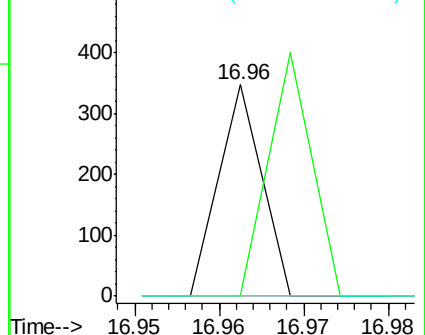
264 0.0 49.0 73.4#

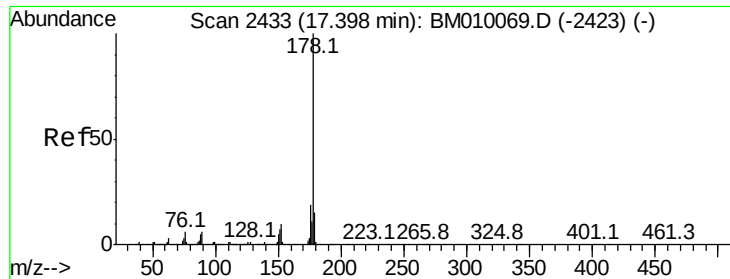


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.63 ng

RT: 17.39 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

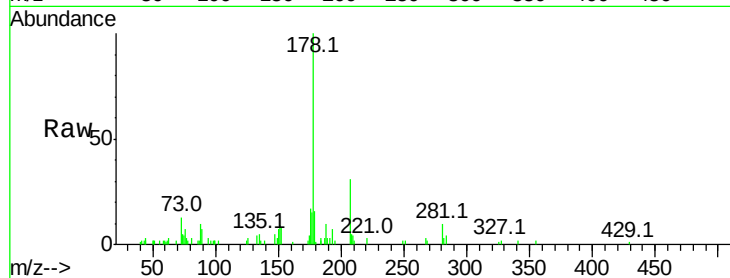
Tot Ion:178 Resp: 31356

Ion Ratio Lower Upper

178 100

176 17.2 15.2 22.8

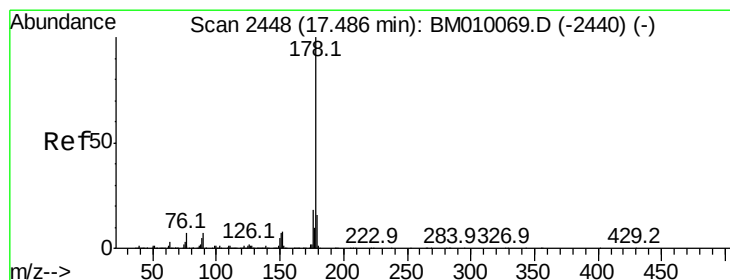
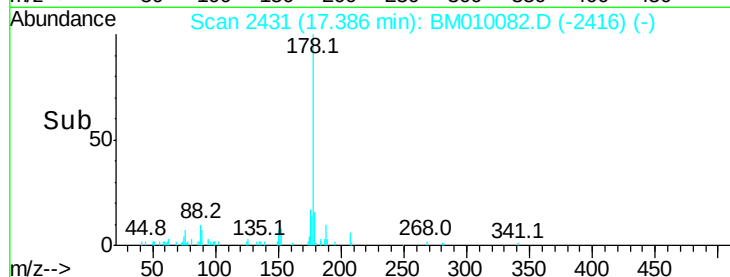
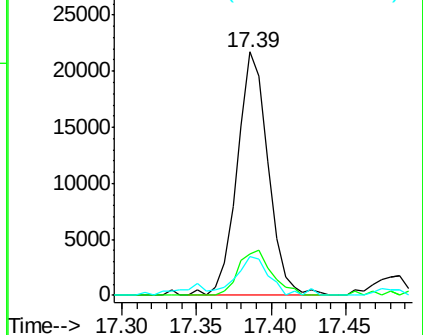
179 15.7 12.1 18.1



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: 0.06 ng

RT: 17.49 min Scan# 2448

Delta R.T. -0.00 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

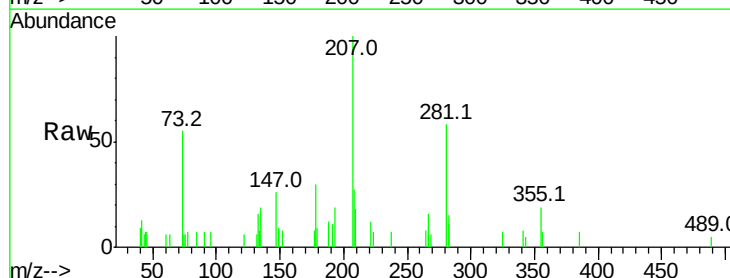
Tgt Ion:178 Resp: 2852

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

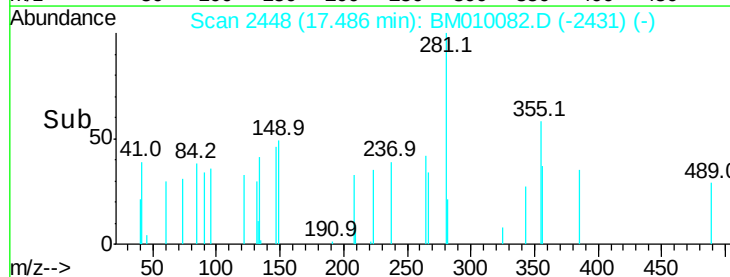
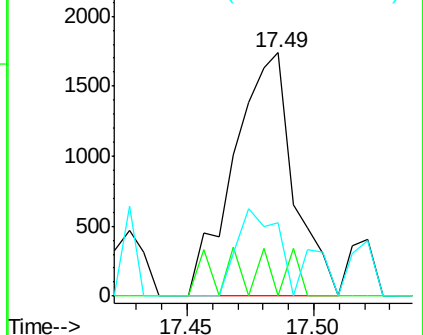
179 29.9 12.6 19.0#

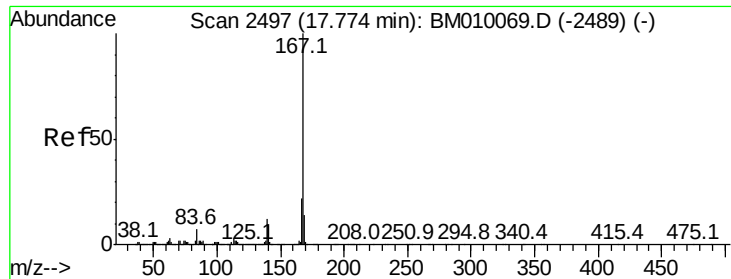


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.23 ng

RT: 17.77 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

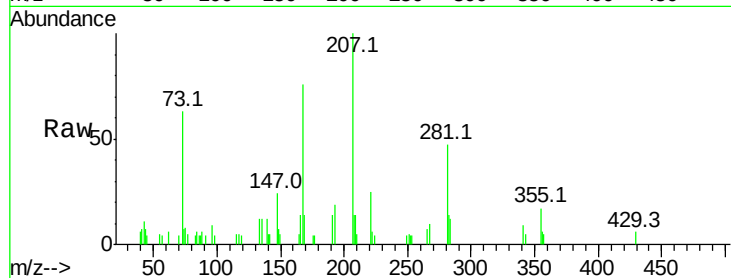
Tot Ion:167 Resp: 10015

Ion Ratio Lower Upper

167 100

166 18.3 17.2 25.8

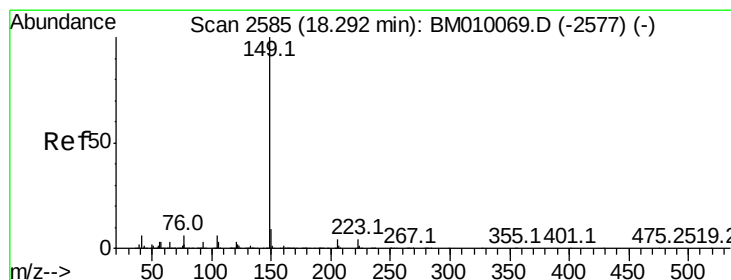
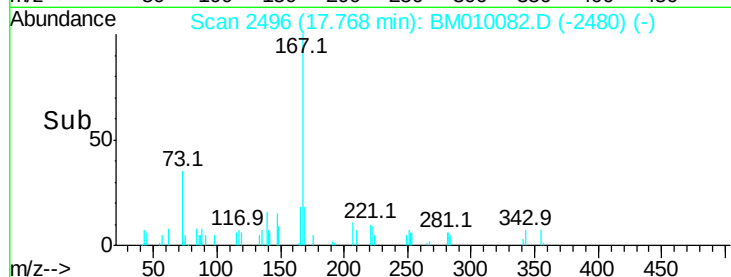
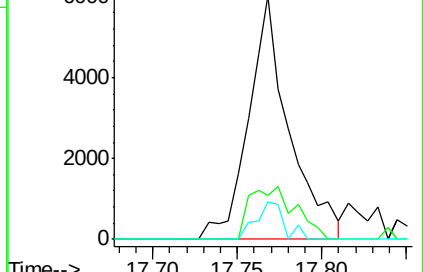
139 15.6 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.13 ng

RT: 18.29 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

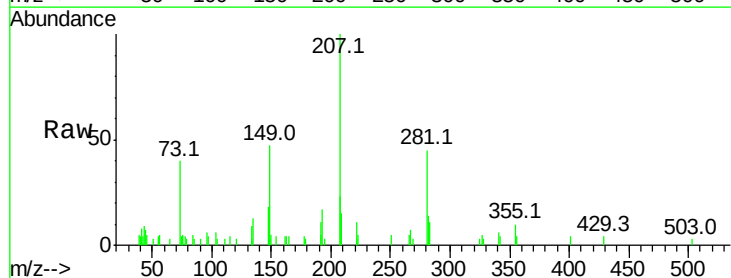
Tgt Ion:149 Resp: 6997

Ion Ratio Lower Upper

149 100

150 10.7 7.5 11.3

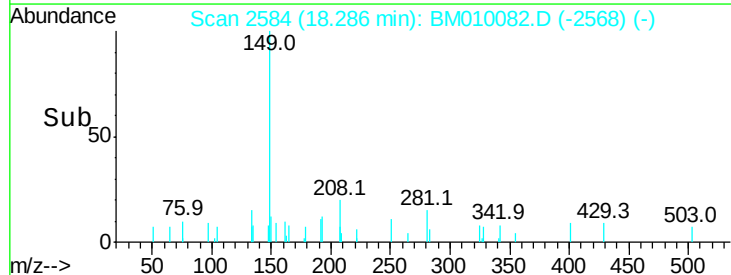
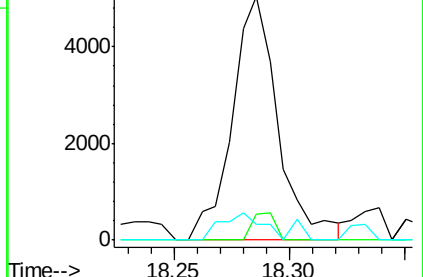
104 6.5 3.7 5.5#

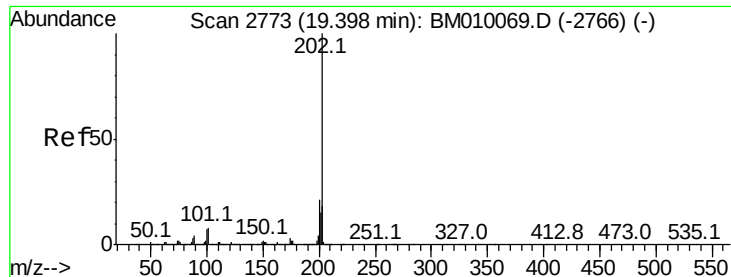


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.06 ng

RT: 19.39 min Scan# 2772

Delta R.T. -0.01 min

Lab File: BM010082.D

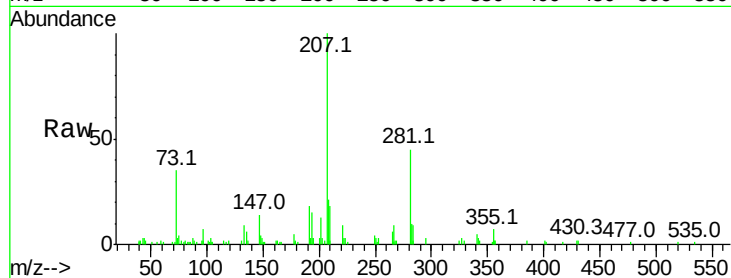
Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

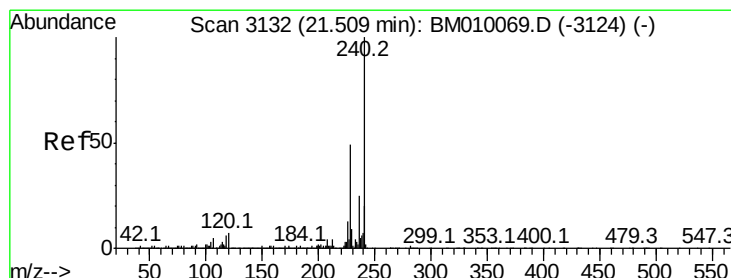
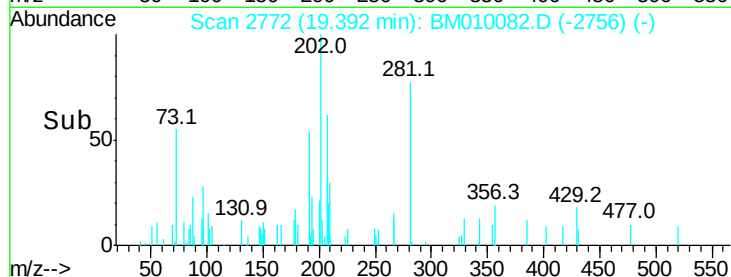
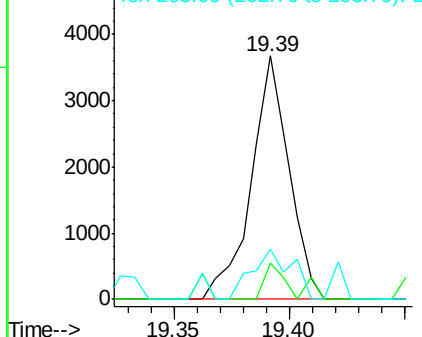
Tot Ion:	202	Resp:	4190
Ion	Ratio	Lower	Upper
202	100		
101	14.7	0.0	28.7
203	20.9	0.0	37.2



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

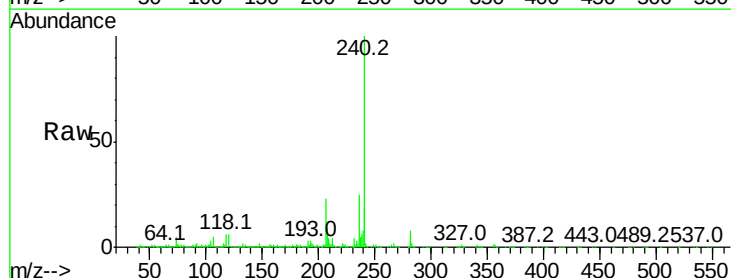
RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

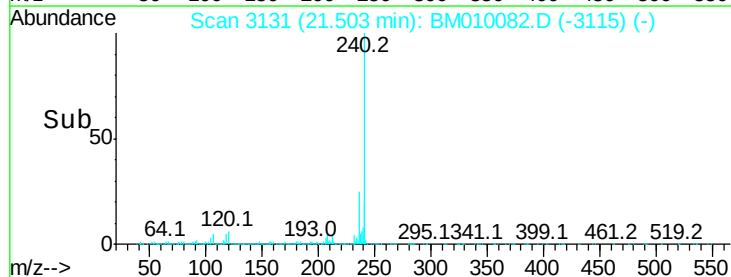
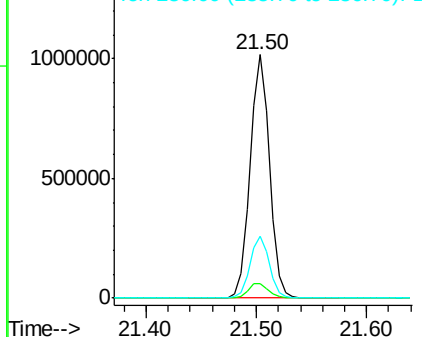
Tgt Ion:	240	Resp:	1258382
Ion	Ratio	Lower	Upper
240	100		
120	6.0	8.2	12.2#
236	25.2	20.0	30.0

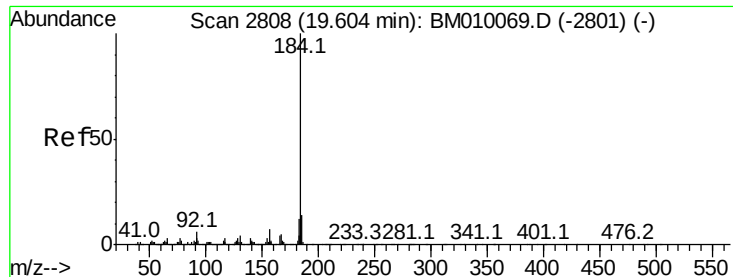


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 0.00 ng

RT: 19.55 min Scan# 2799

Delta R.T. -0.05 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

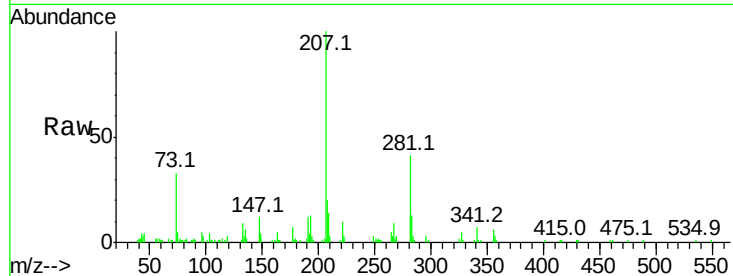
Tot Ion:184 Resp: 112

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

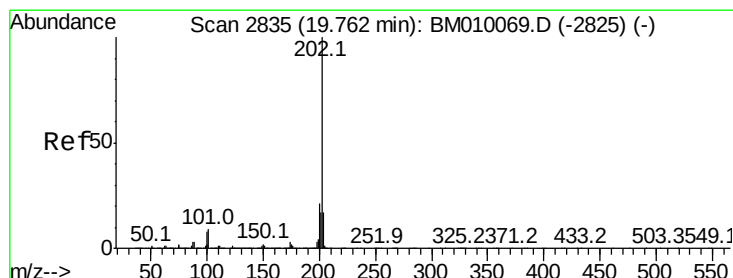
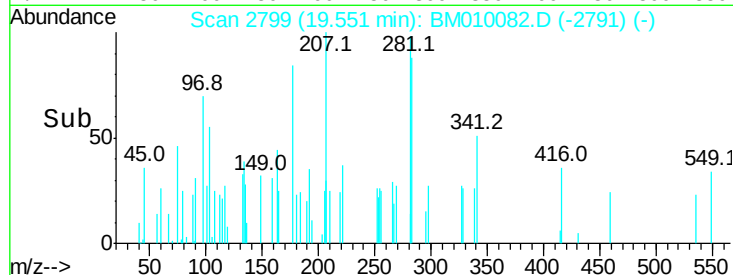
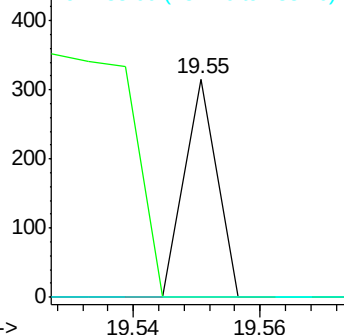
183 0.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.05 ng

RT: 19.75 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

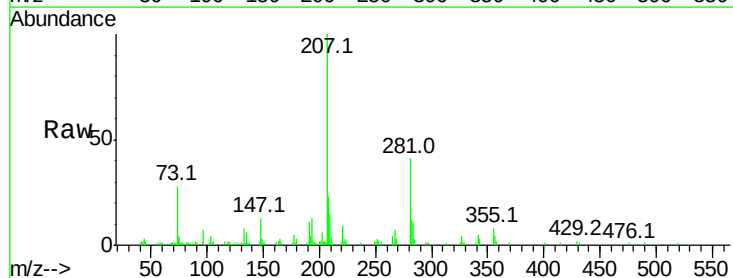
Tgt Ion:202 Resp: 3339

Ion Ratio Lower Upper

202 100

200 41.8 16.9 25.3#

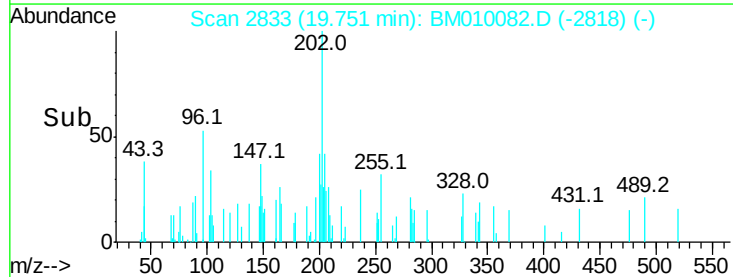
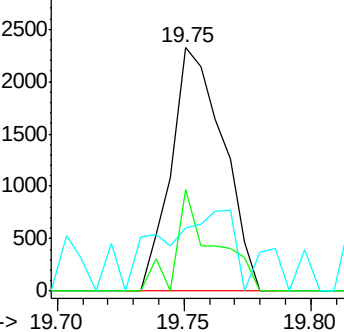
203 25.8 14.1 21.1#

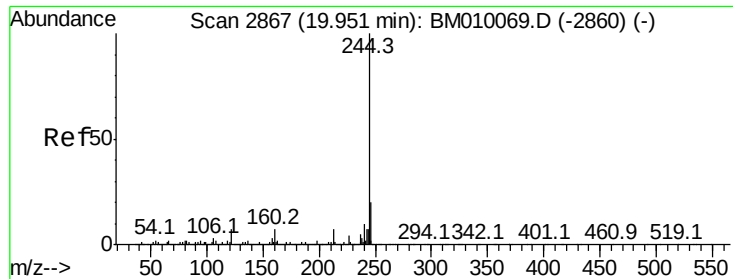


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 92.92 ng

RT: 19.95 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampled :

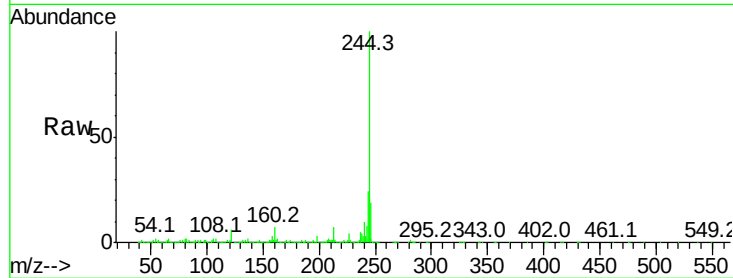
Tot Ion:244 Resp: 5142379

Ion Ratio Lower Upper

244 100

212 7.1 4.9 7.3

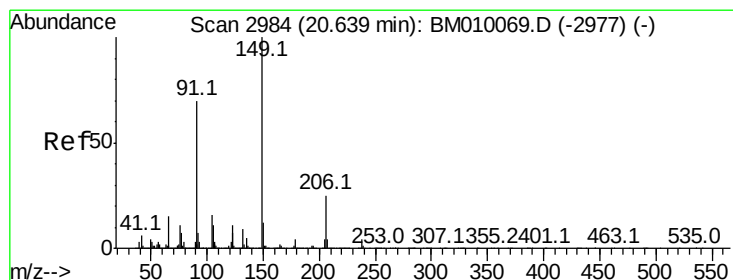
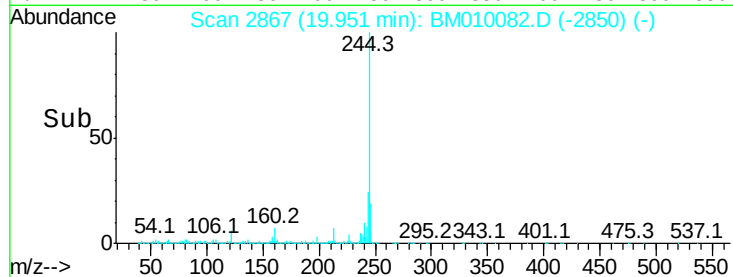
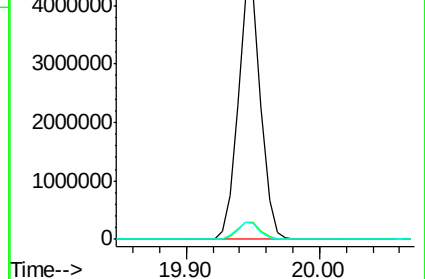
122 6.4 6.2 9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.02 ng

RT: 20.62 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

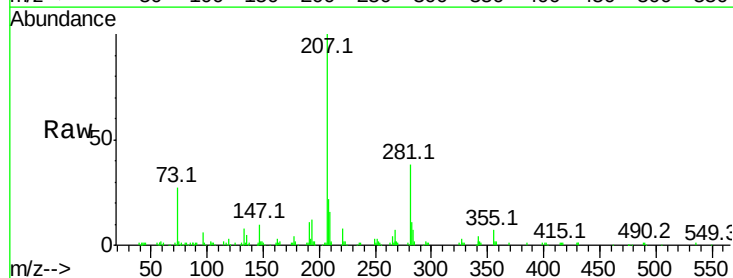
Tgt Ion:149 Resp: 539

Ion Ratio Lower Upper

149 100

91 34.6 50.1 75.1#

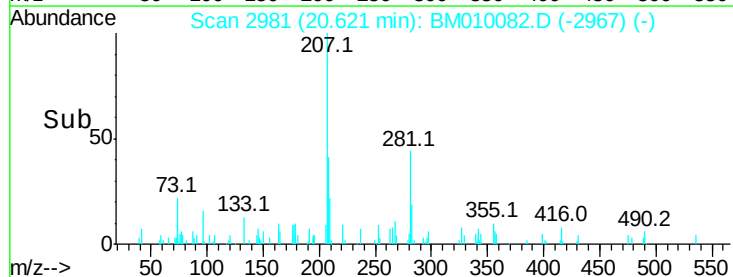
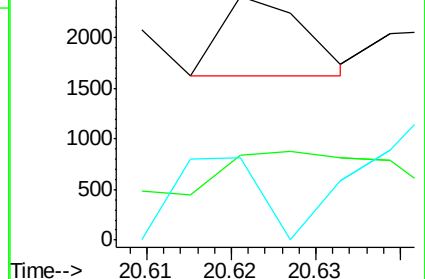
206 33.7 16.2 24.2#

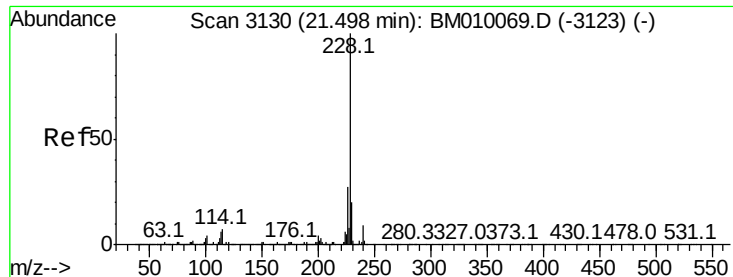


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.08 ng

RT: 21.50 min Scan# 3130

Delta R.T. -0.00 min

Lab File: BM010082.D

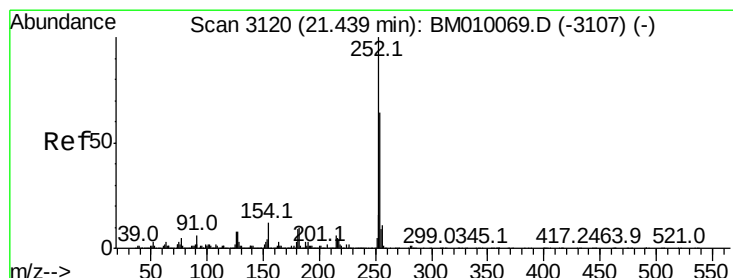
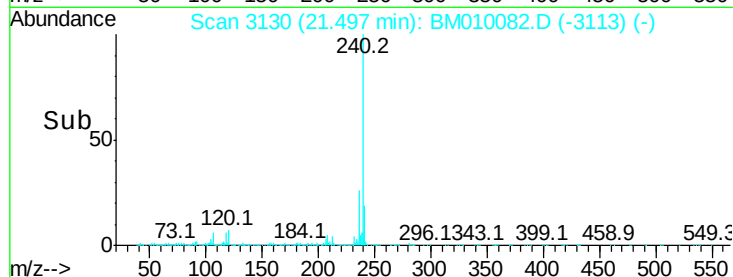
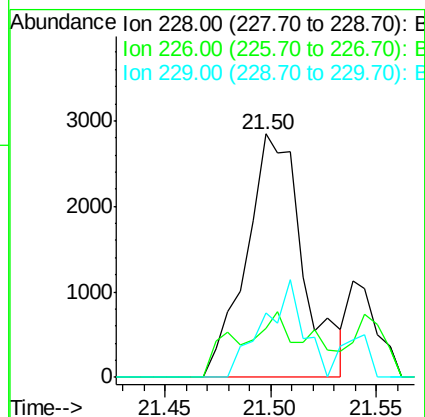
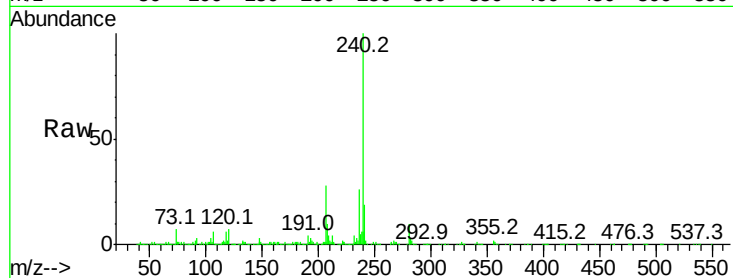
Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:228	Resp:	5297
Ion	Ratio	Lower Upper
228	100	
226	20.2	21.7 32.5#
229	26.5	16.0 24.0#



#81

3,3'-Dichlorobenzidine

Concen: 0.05 ng

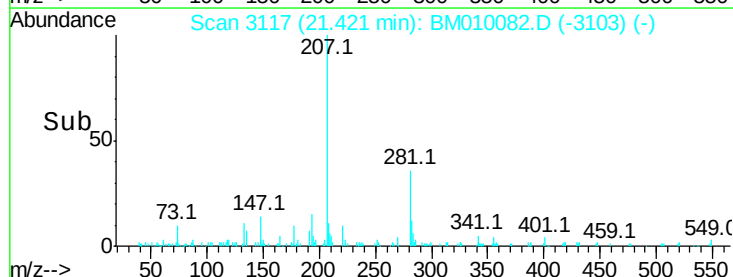
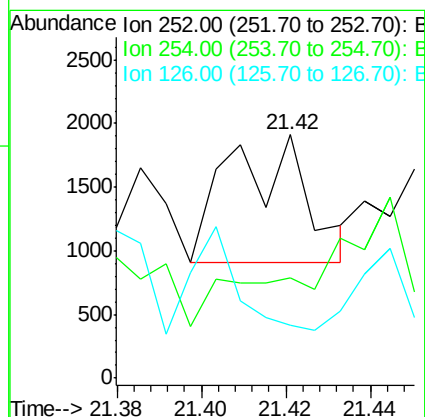
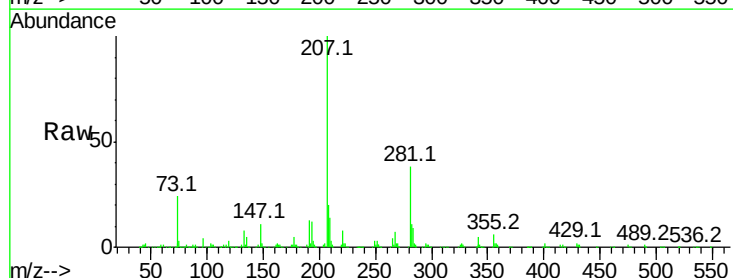
RT: 21.42 min Scan# 3117

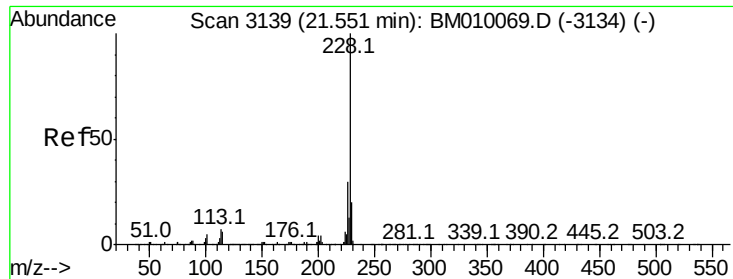
Delta R.T. -0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:252	Resp:	1285
Ion	Ratio	Lower Upper
252	100	
254	41.2	51.9 77.9#
126	22.0	9.8 14.8#





#82

Chrysene

Concen: 0.02 ng

RT: 21.54 min Scan# 3137

Delta R.T. -0.01 min

Lab File: BM010082.D

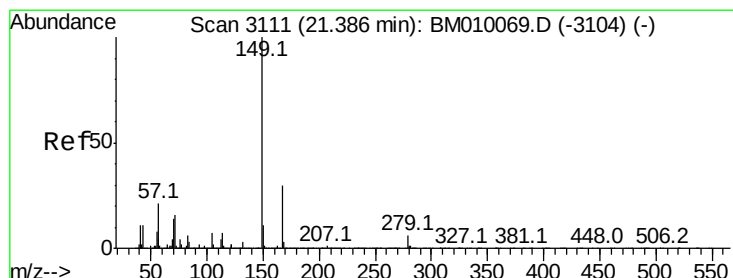
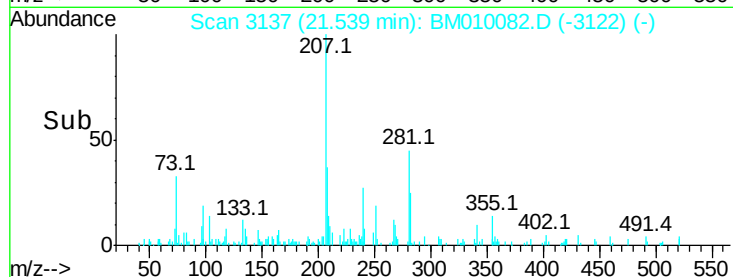
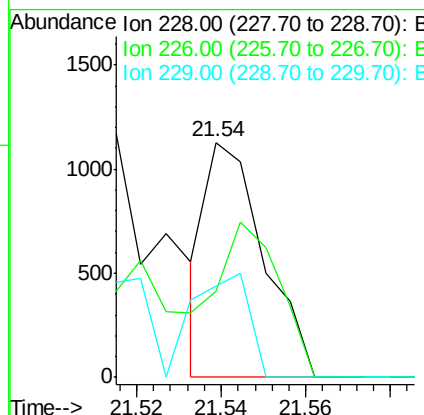
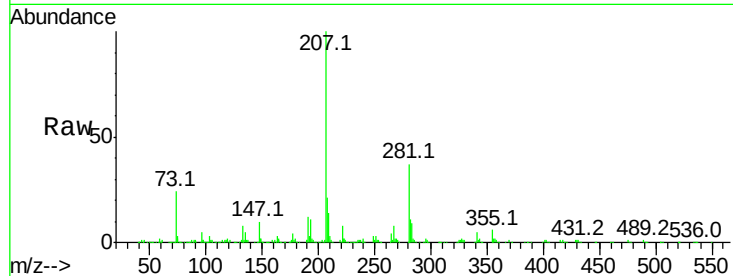
Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	228	Resp:	1069
Ion	Ratio	Lower	Upper
228	100		
226	36.5	24.1	36.1#
229	39.0	15.5	23.3#



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.08 ng

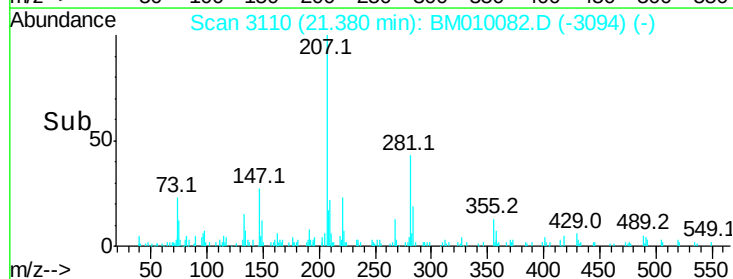
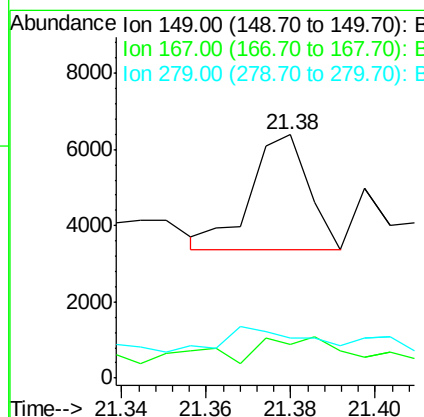
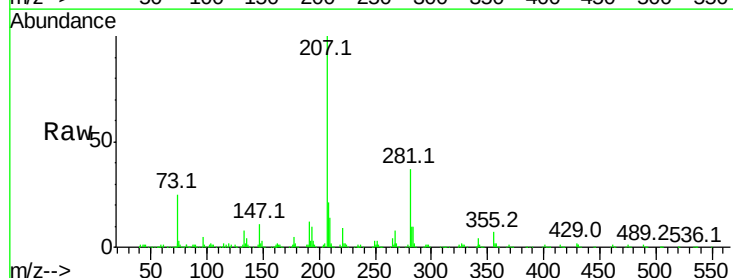
RT: 21.38 min Scan# 3110

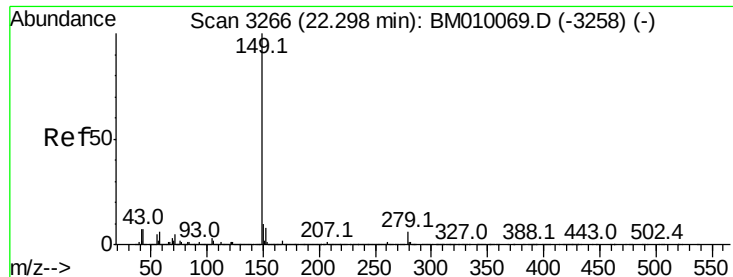
Delta R.T. -0.01 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:	149	Resp:	2892
Ion	Ratio	Lower	Upper
149	100		
167	13.8	22.4	33.6#
279	16.2	3.4	5.0#

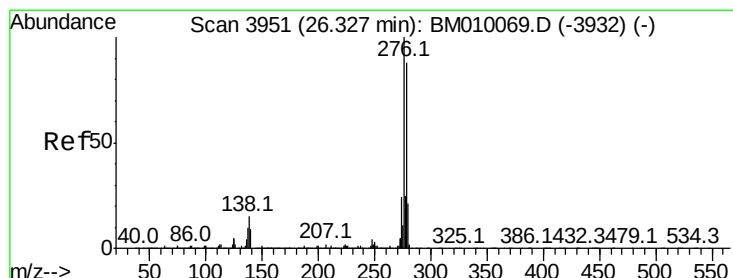
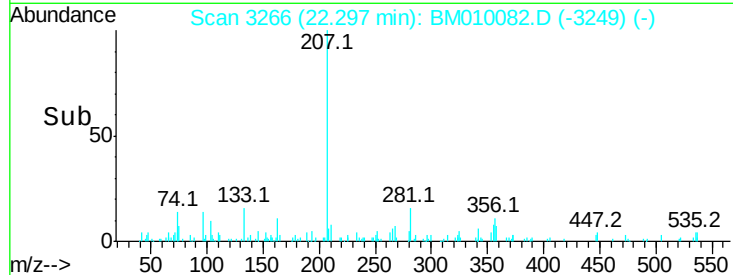
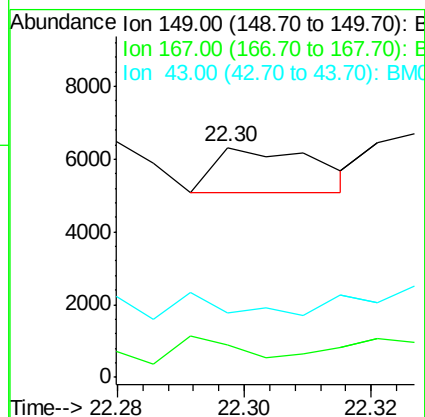
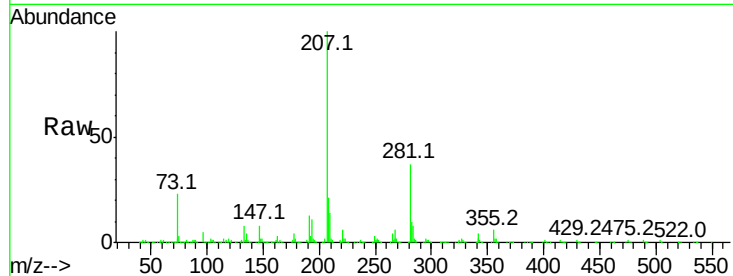




#84
Di-n-octyl phthalate
Concen: 0.02 ng
RT: 22.30 min Scan# 3266
Delta R.T. -0.00 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

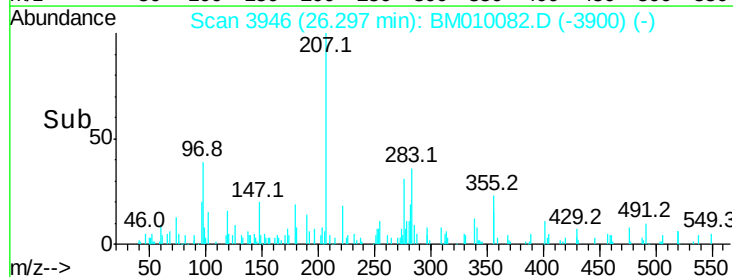
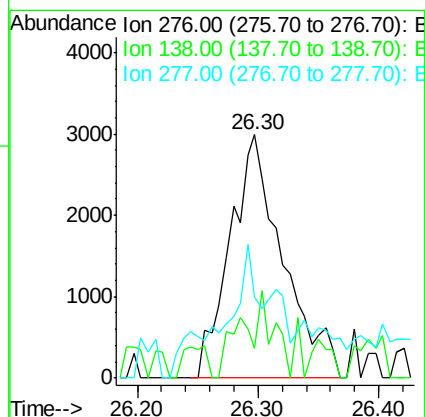
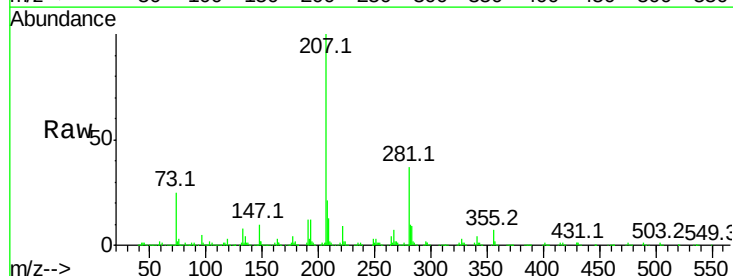
Instrument :
BNA_M
ClientSampleId :

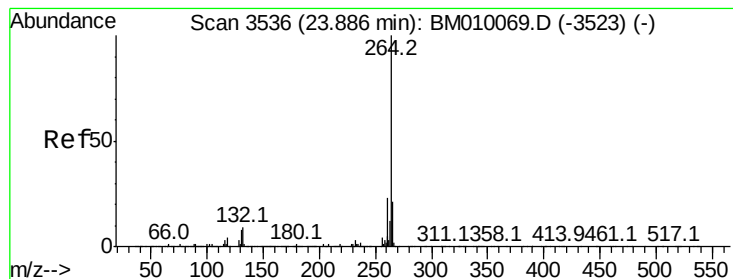
Tot Ion	Ratio	Lower	Upper
149	100		
167	42.6	1.2	1.8#
43	35.8	7.3	10.9#



#85
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.30 min Scan# 3946
Delta R.T. -0.03 min
Lab File: BM010082.D
Acq: 19 May 2017 23:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.5	0.0	0.0#
277	13.2	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: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

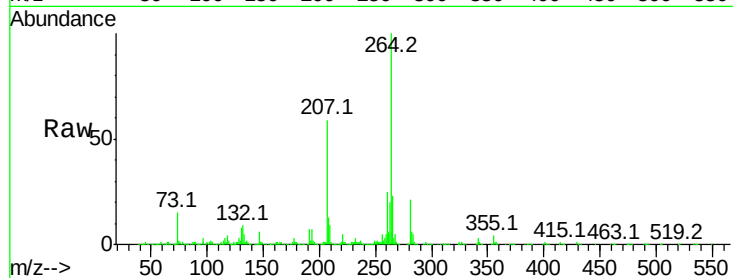
Tot Ion:264 Resp: 1259034

Ion Ratio Lower Upper

264 100

260 25.0 18.6 27.8

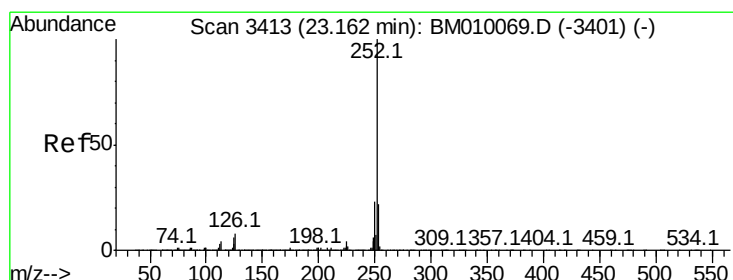
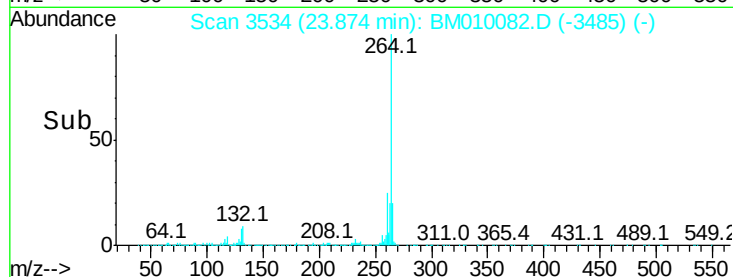
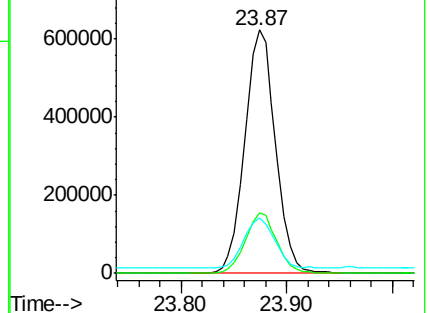
265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.04 ng

RT: 23.14 min Scan# 3410

Delta R.T. -0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

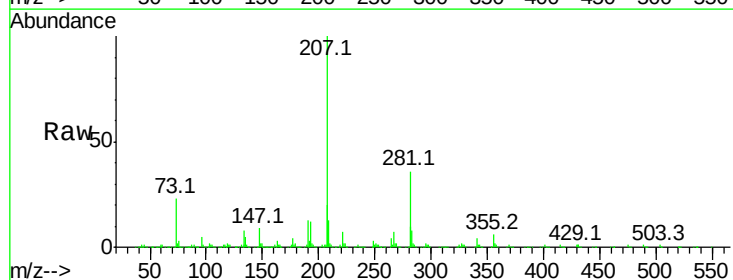
Tgt Ion:252 Resp: 2807

Ion Ratio Lower Upper

252 100

253 120.9 18.0 27.0#

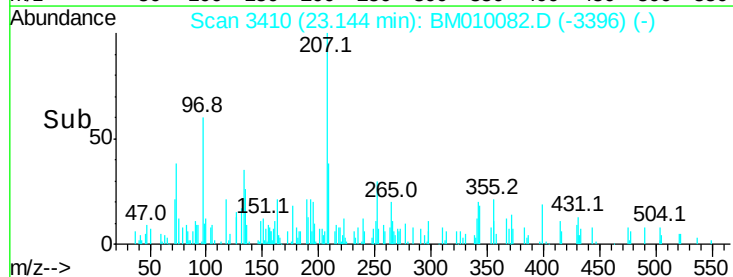
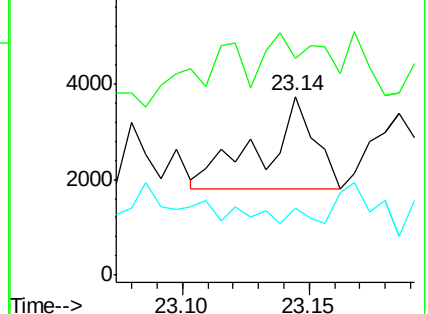
125 54.6 9.9 14.9#

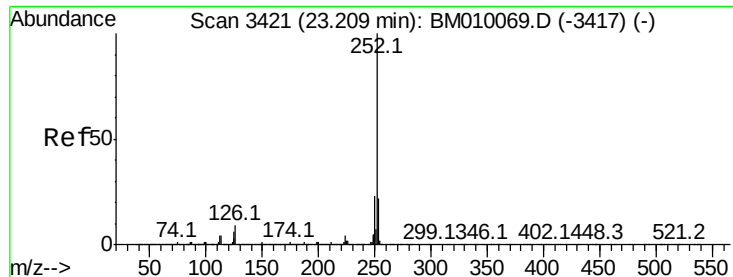


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.05 ng

RT: 23.20 min Scan# 3419

Delta R.T. -0.01 min

Lab File: BM010082.D

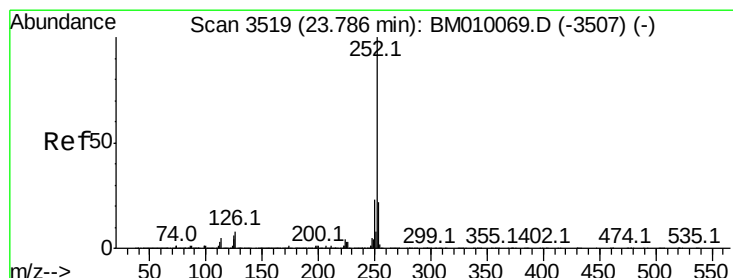
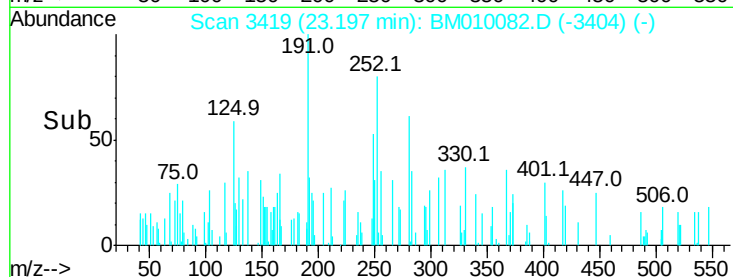
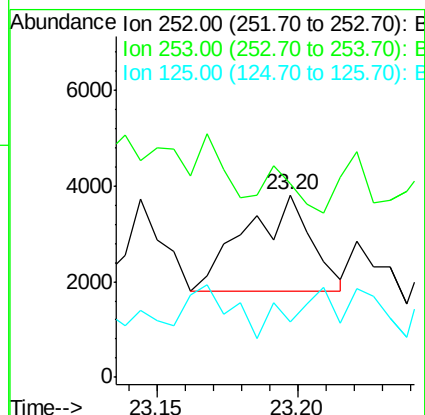
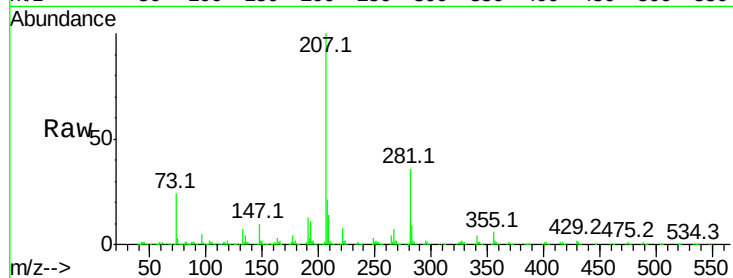
Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	3287
Ion Ratio	Lower	Upper
252	100	
253	106.0	17.2 25.8#
125	30.7	8.1 12.1#



#89

Benzo(a)pyrene

Concen: 0.06 ng

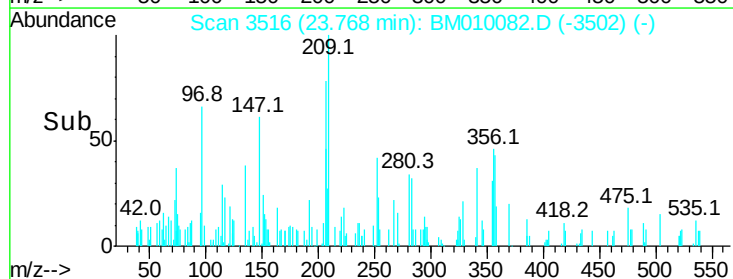
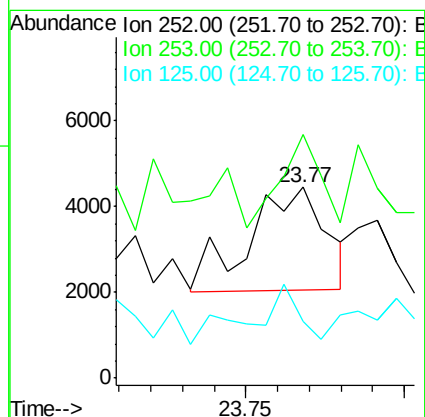
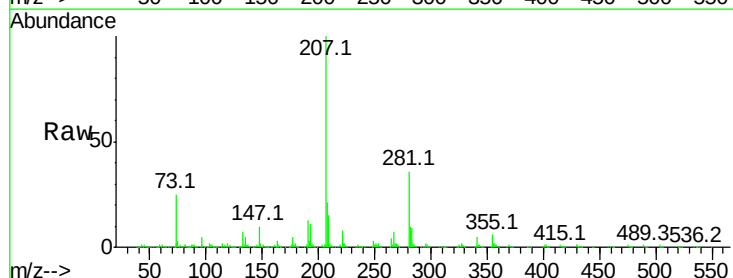
RT: 23.77 min Scan# 3516

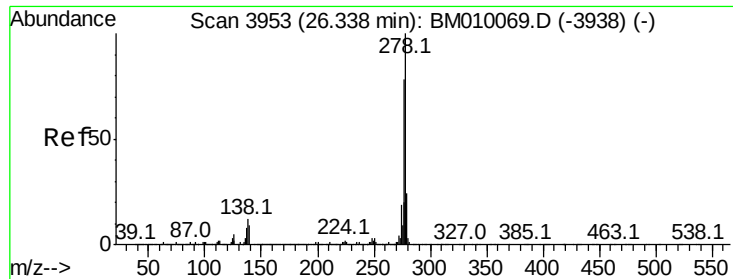
Delta R.T. -0.02 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:252	Resp:	4102
Ion Ratio	Lower	Upper
252	100	
253	127.4	17.6 26.4#
125	29.4	7.4 11.2#





#90

Dibenzo(a,h)anthracene

Concen: 0.02 ng

RT: 26.30 min Scan# 3946

Delta R.T. -0.04 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Instrument :

BNA_M

ClientSampleId :

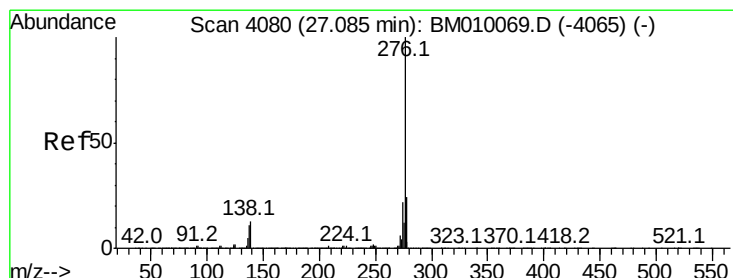
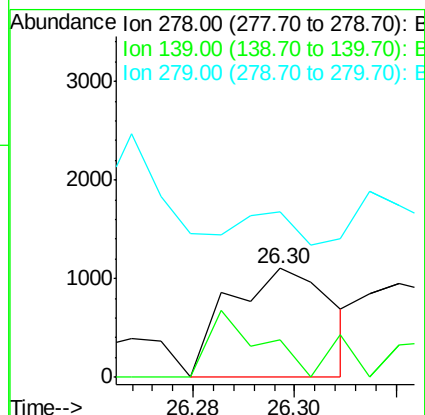
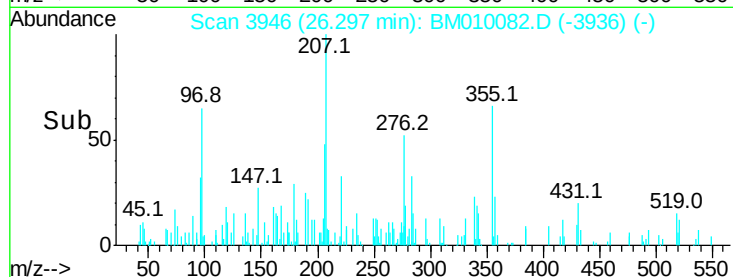
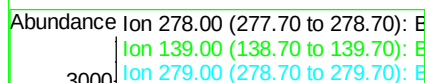
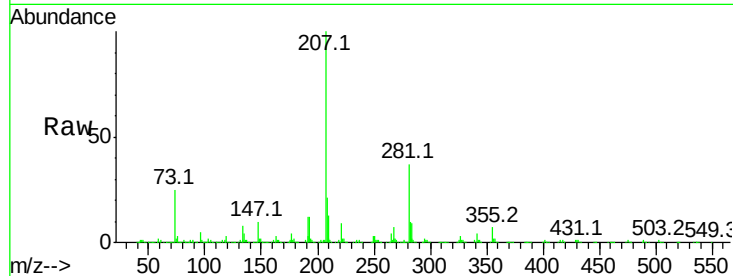
Tot Ion:278 Resp: 1552

Ion Ratio Lower Upper

278 100

139 33.9 13.4 20.0#

279 151.2 19.0 28.4#



#91

Benzo(g,h,i)perylene

Concen: 0.12 ng

RT: 27.05 min Scan# 4074

Delta R.T. -0.04 min

Lab File: BM010082.D

Acq: 19 May 2017 23:02

Tgt Ion:276 Resp: 9459

Ion Ratio Lower Upper

276 100

277 52.2 18.5 27.7#

138 17.0 19.0 28.6#

