

Data Path : Z:\HPCHEM1\BNA M\DATA\BM051917\
 Data File : BM010089.D
 Acq On : 20 May 2017 03:13
 Operator : SJ/MA
 Sample : I3202-25
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:07:07 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	174888	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	584343	20.00	ng	-0.01
38) Acenaphthene-d10	14.60	164	229486	20.00	ng	-0.01
63) Phenanthrene-d10	17.34	188	811151	20.00	ng	0.00
75) Chrysene-d12	21.50	240	578614	20.00	ng	0.00
86) Perylene-d12	23.87	264	21574	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.55	112	1201416	124.06	ng	0.00
7) Phenol-d6	7.16	99	1203689	96.59	ng	-0.01
23) Nitrobenzene-d5	9.16	82	922212	85.15	ng	-0.01
41) 2,4,6-Tribromophenol	16.09	330	677135	194.28	ng	0.00
44) 2-Fluorobiphenyl	13.22	172	2343093	131.26	ng	-0.01
78) Terphenyl-d14	19.94	244	4145158	162.89	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	2371	0.53	ng	# 100
3) Pyridine	3.87	79	109	0.01	ng	# 1
4) n-Nitrosodimethylamine	3.76	42	1326	0.31	ng	# 1
8) 2-Chlorophenol	7.53	128	274	0.03	ng	# 1
9) Benzaldehyde	7.12	77	212	0.03	ng	# 2
10) Phenol	7.18	94	973	0.07	ng	# 1
14) 1,2-Dichlorobenzene	8.33	146	112	0.01	ng	# 25
15) Benzyl Alcohol	8.29	79	18745	1.99	ng	# 31
16) 2,2'-oxybis(1-Chloropropan	8.50	45	830	0.09	ng	# 37
22) Acetophenone	8.82	105	761	0.05	ng	# 1
24) Nitrobenzene	9.23	77	360	0.03	ng	# 42
25) Isophorone	9.72	82	328	0.02	ng	# 62
31) Naphthalene	10.83	128	5035	0.16	ng	# 79
32) Benzoic acid	10.10	122	137	0.02	ng	# 60
37) 2-Methylnaphthalene	12.43	142	1324	0.06	ng	# 61
45) 1,1'-Biphenyl	13.44	154	2453	0.13	ng	# 93
47) 2-Nitroaniline	13.73	65	141	0.04	ng	# 1
48) Acenaphthylene	14.33	152	111	0.00	ng	# 61
49) Dimethylphthalate	14.06	163	132	0.01	ng	# 19
51) Acenaphthene	14.67	154	250	0.02	ng	# 5
54) Dibenzofuran	15.00	168	112	0.01	ng	# 48
56) 2,4-Dinitrotoluene	15.03	165	114	0.02	ng	# 11
57) Fluorene	15.67	166	2257	0.12	ng	# 8
59) Diethylphthalate	15.42	149	1835	0.09	ng	# 76
61) 4-Nitroaniline	15.76	138	115	0.03	ng	# 28
62) Azobenzene	15.92	77	844	0.06	ng	# 50
65) n-Nitrosodiphenylamine	15.87	169	998	0.04	ng	# 24
67) Hexachlorobenzene	16.62	284	129	0.01	ng	# 47
69) Pentachlorophenol	16.97	266	113	0.02	ng	# 19
70) Phenanthrene	17.39	178	1984	0.04	ng	# 68
71) Anthracene	17.48	178	138	0.00	ng	# 1
72) Carbazole	17.77	167	3576	0.09	ng	# 85
73) Di-n-butylphthalate	18.29	149	5297	0.11	ng	# 84
74) Fluoranthene	19.40	202	548	0.01	ng	# 66

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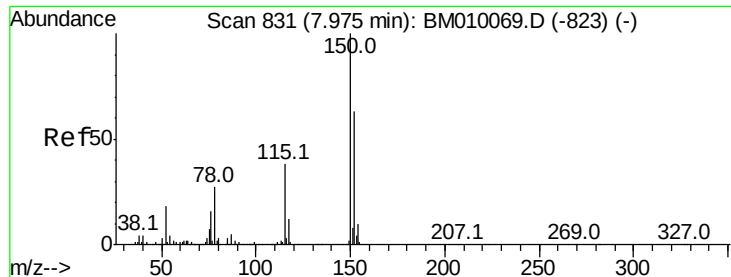
Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 20 04:07:07 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)

77) Pyrene	19.75	202	1087	0.04	nq	# 57
79) Butylbenzylphthalate	20.64	149	685	0.06	nq	# 67
80) Benzo(a)anthracene	21.51	228	3512	0.11	nq	# 1
81) 3,3'-Dichlorobenzidine	21.42	252	883	0.07	nq	# 45
82) Chrysene	21.51	228	3512	0.12	nq	# 1
83) Bis(2-ethylhexyl)phthalate	21.37	149	5708	0.33	nq	# 84
84) Di-n-octyl phthalate	22.26	149	1732	0.06	nq	# 70
85) Indeno(1,2,3-cd)pyrene	26.29	276	5418	0.12	nq	# 100
87) Benzo(b)fluoranthene	23.14	252	1012	0.80	nq	# 1
88) Benzo(k)fluoranthene	23.18	252	2022	1.63	nq	# 1
89) Benzo(a)pyrene	23.76	252	3787	3.15	nq	# 1
90) Dibenzo(a,h)anthracene	26.30	278	740	0.55	nq	# 1
91) Benzo(a,h,i)perylene	27.04	276	4260	3.23	nq	# 32

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

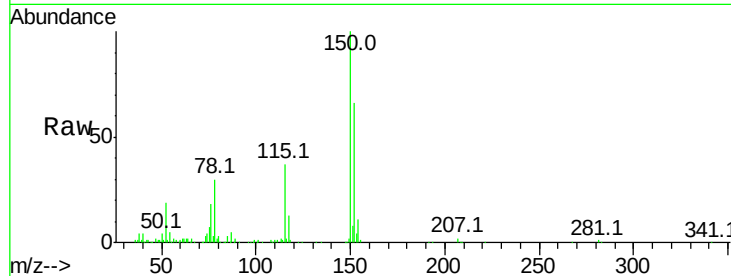


#1

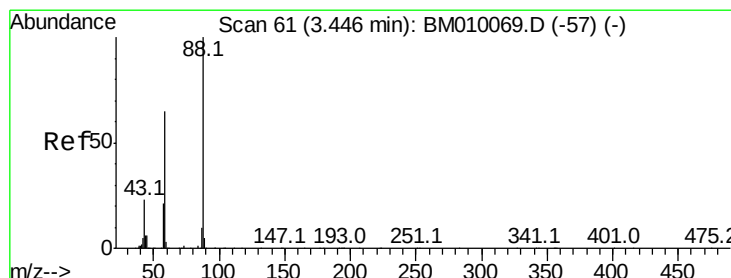
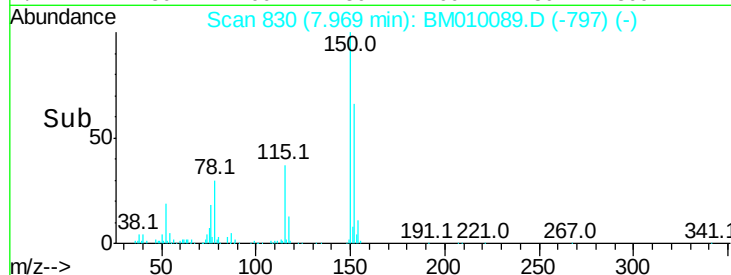
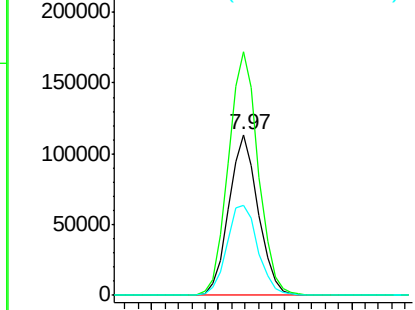
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.3	119.5	179.3
115	56.0	43.0	64.4



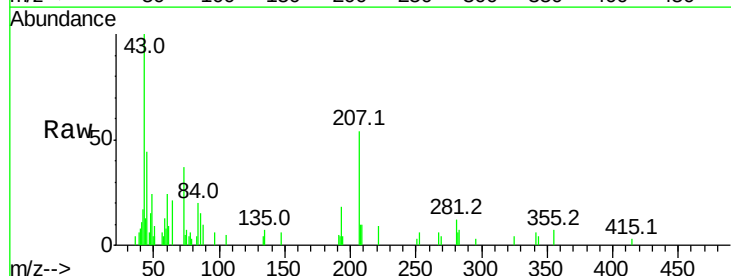
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



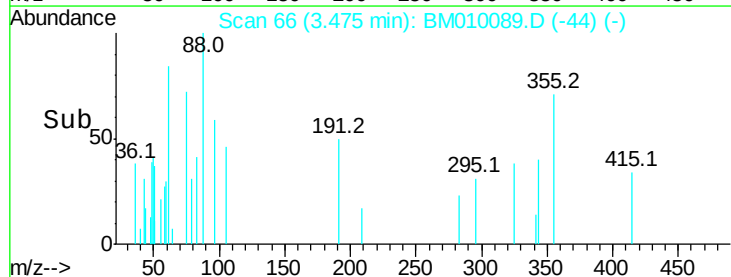
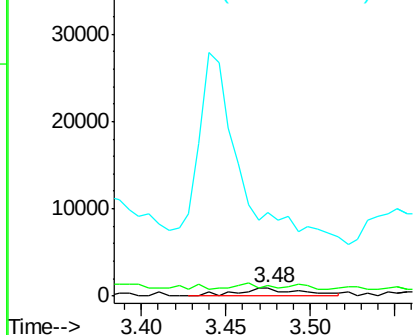
#2

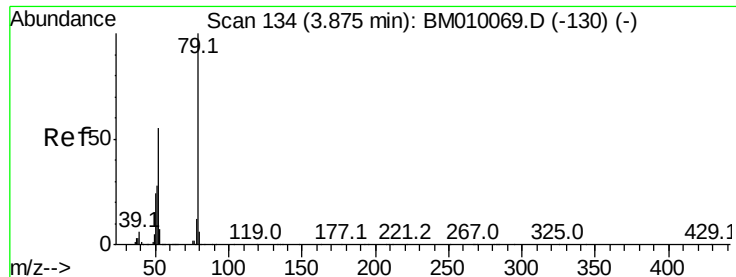
1,4-Dioxane
Concen: 0.53 ng
RT: 3.48 min Scan# 66
Delta R.T. 0.03 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	24.7	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: 0.01 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

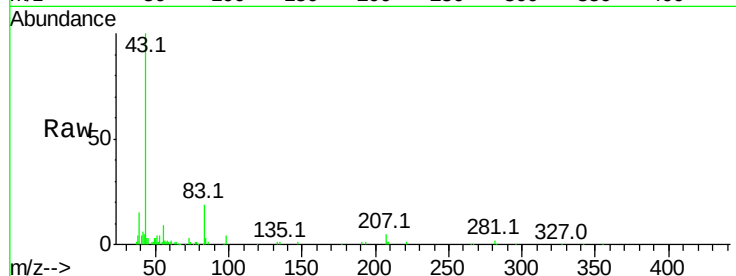
Tot Ion: 79 Resp: 109

Ion Ratio Lower Upper

79 100

52 360.0 51.1 76.7#

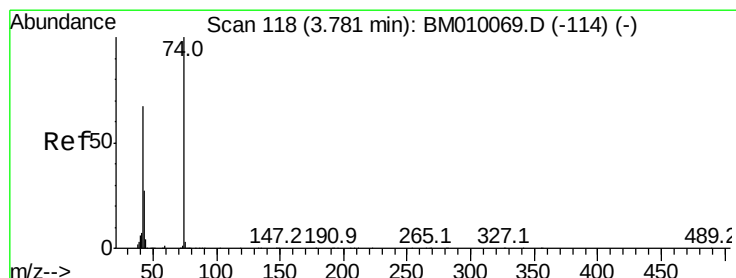
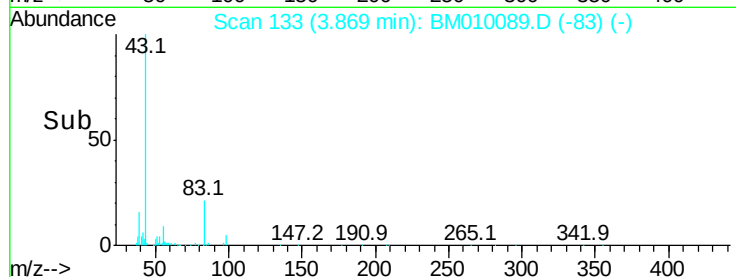
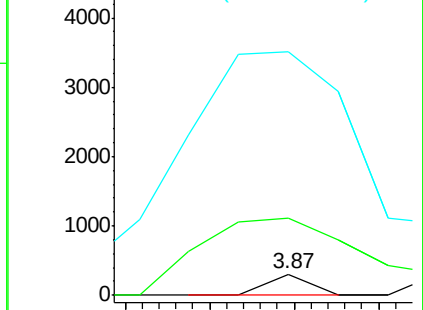
51 1131.9 26.1 39.1#



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: 0.31 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

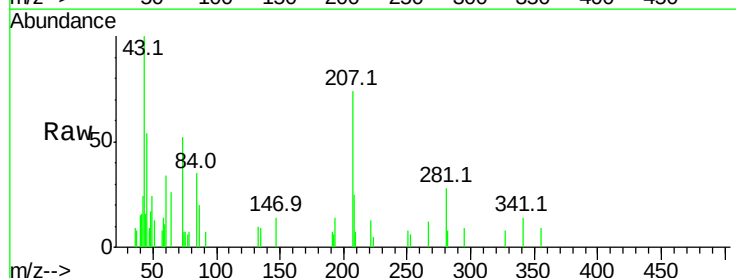
Tgt Ion: 42 Resp: 1326

Ion Ratio Lower Upper

42 100

74 28.2 119.3 178.9#

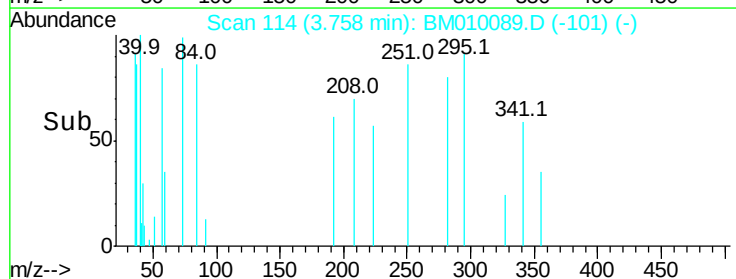
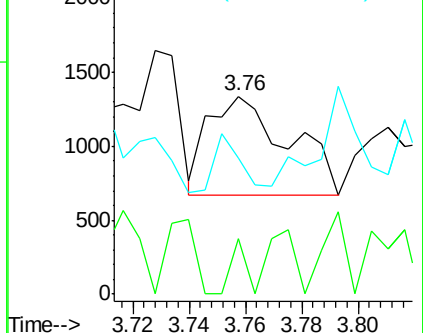
44 68.9 5.4 8.2#

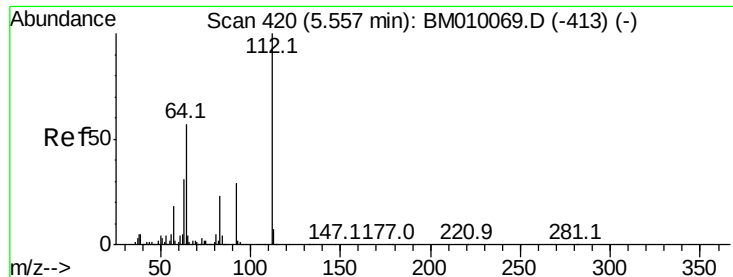


Abundance Ion 42.00 (41.70 to 42.70): BM010069.D (-114) (-)

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: 124.06 ng

RT: 5.55 min Scan# 419

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

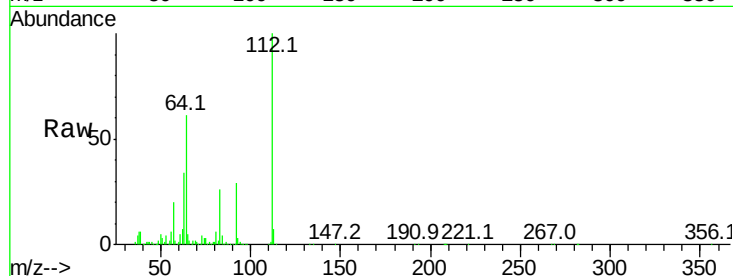
Tot Ion:112 Resp: 1201416

Ion Ratio Lower Upper

112 100

64 61.0 38.6 57.8#

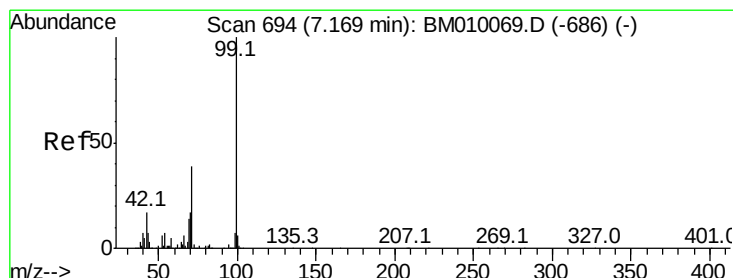
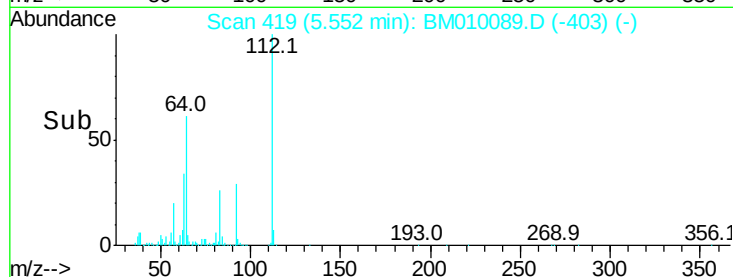
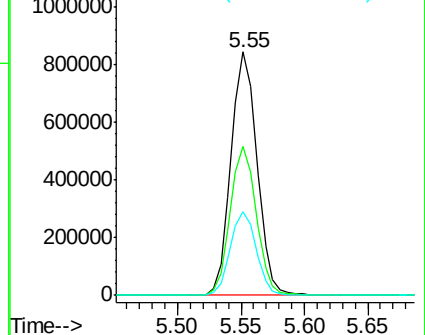
63 34.2 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#7

Phenol-d6

Concen: 96.59 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

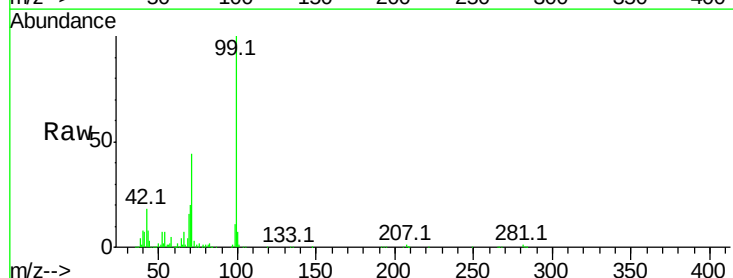
Tgt Ion: 99 Resp: 1203689

Ion Ratio Lower Upper

99 100

42 18.2 11.0 16.4#

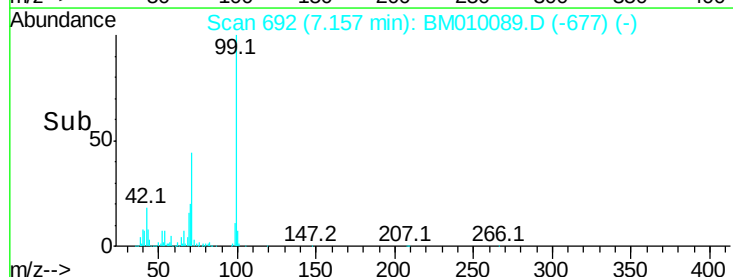
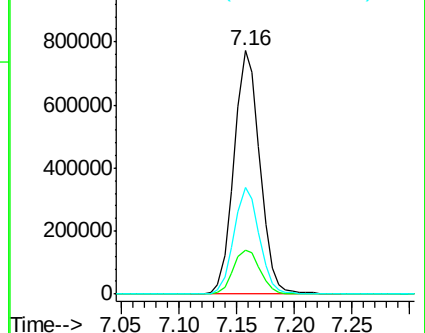
71 43.8 23.4 35.2#

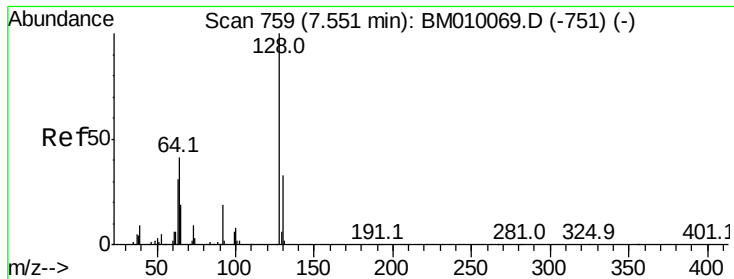


Abundance Ion 99.00 (98.70 to 99.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 71.00 (70.70 to 71.70): BM





#8

2-Chlorophenol

Concen: 0.03 ng

RT: 7.53 min Scan# 756

Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

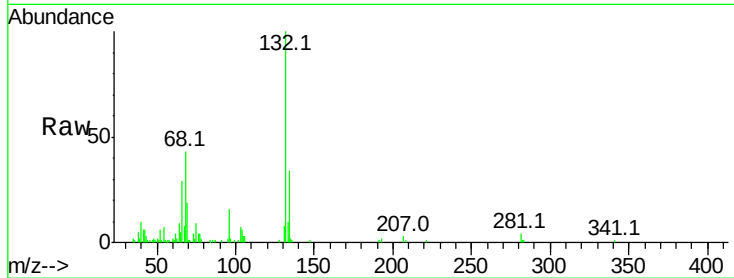
Instrument :

BNA_M

ClientSampled :

Tot Ion:128 Resp: 274

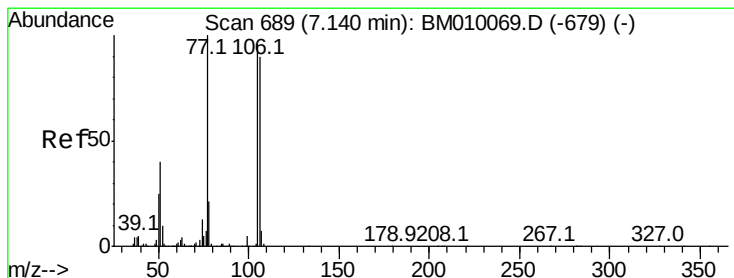
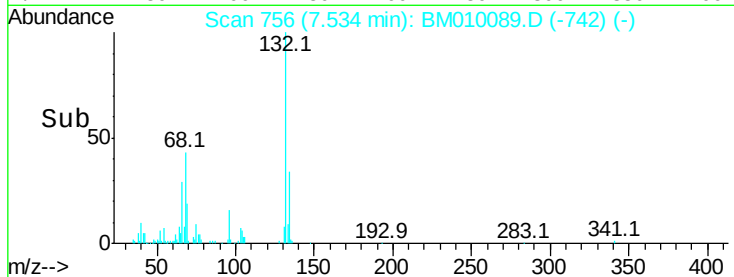
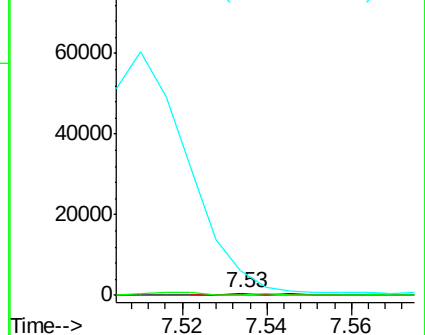
Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.0	52.0#
64	1345.8	24.9	64.9#



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: 0.03 ng

RT: 7.12 min Scan# 685

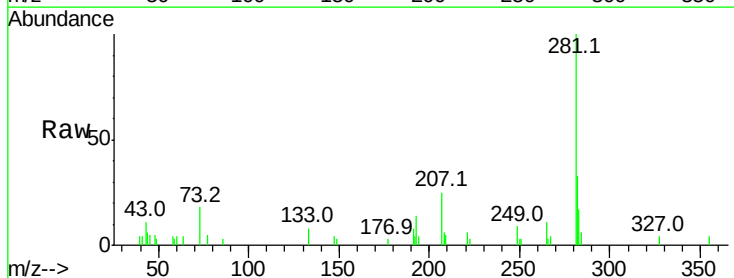
Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Tgt Ion: 77 Resp: 212

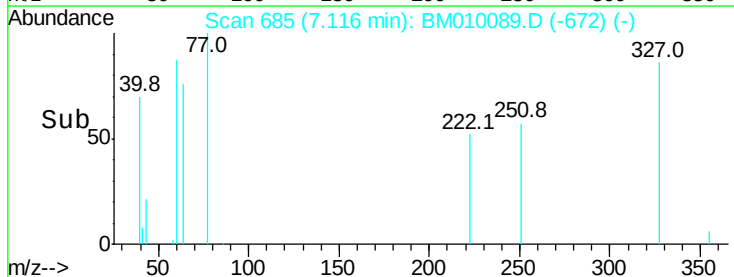
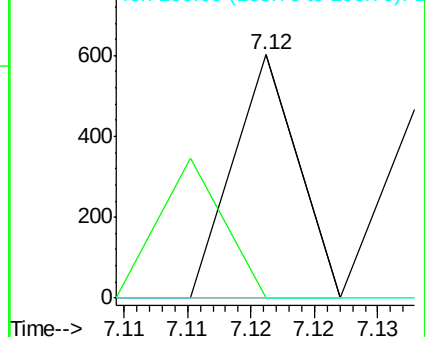
Ion	Ratio	Lower	Upper
77	100		
105	0.0	78.8	118.8#
106	0.0	73.7	113.7#

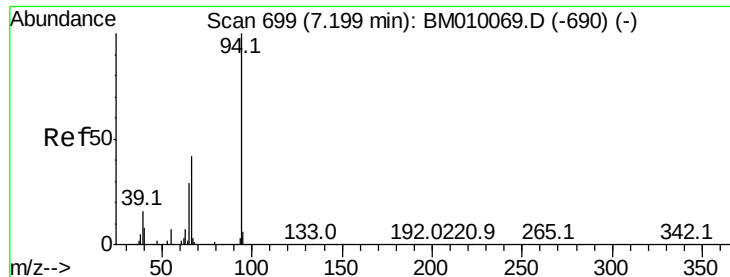


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.07 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

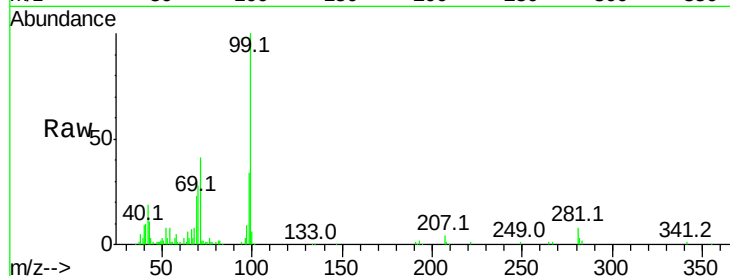
Tot Ion: 94 Resp: 973

Ion Ratio Lower Upper

94 100

65 286.4 18.8 58.8#

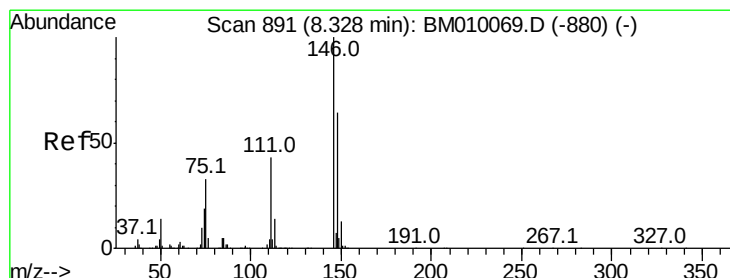
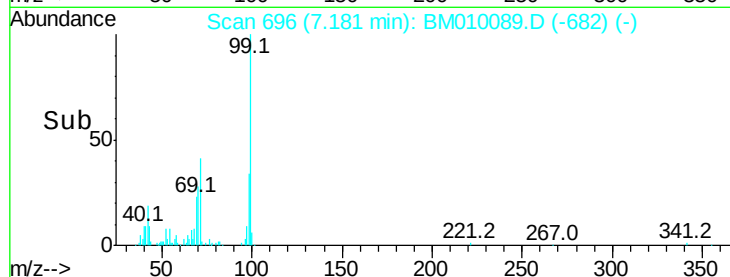
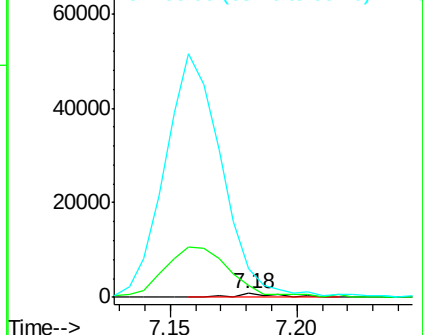
66 718.8 39.9 79.9#



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: 8.33 min Scan# 891

Delta R.T. -0.00 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

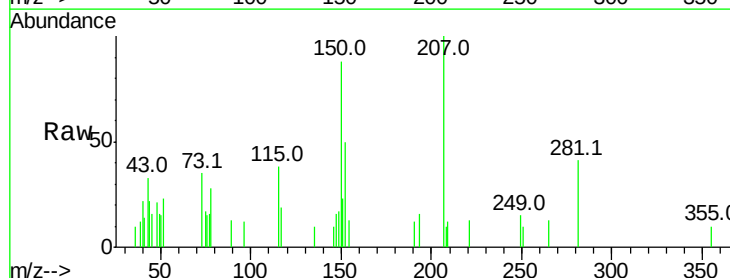
Tgt Ion: 146 Resp: 112

Ion Ratio Lower Upper

146 100

148 0.0 52.3 78.5#

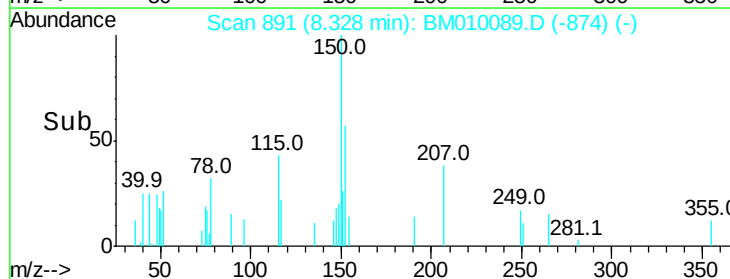
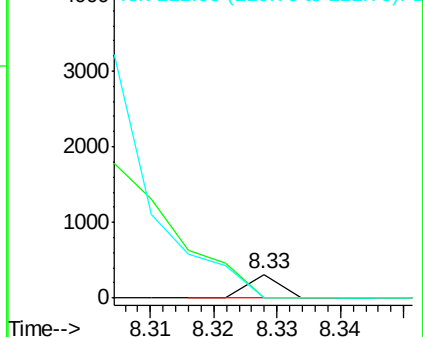
111 0.0 30.6 45.8#

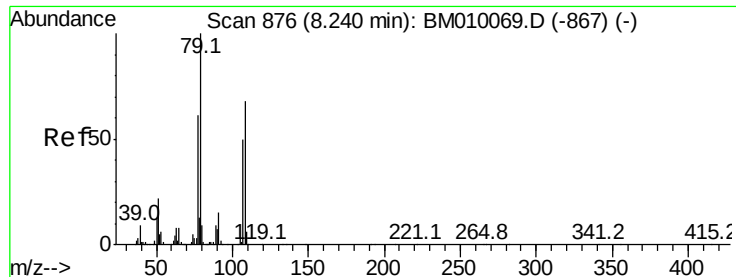


Abundance Ion 146.00 (145.70 to 146.70): BM010069.D (-880) (-)

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: 1.99 ng

RT: 8.29 min Scan# 885

Delta R.T. 0.05 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

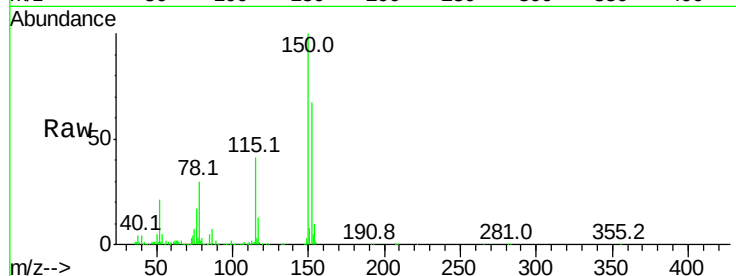
Tot Ion: 79 Resp: 18745

Ion Ratio Lower Upper

79 100

108 45.5 65.0 97.4#

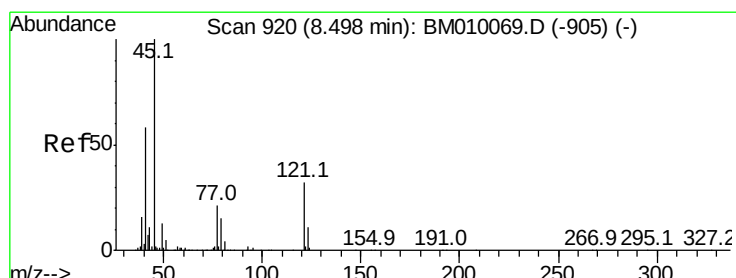
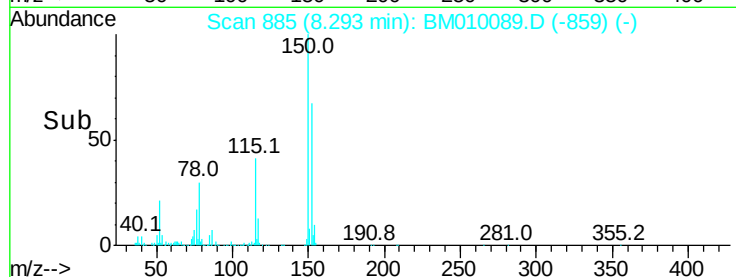
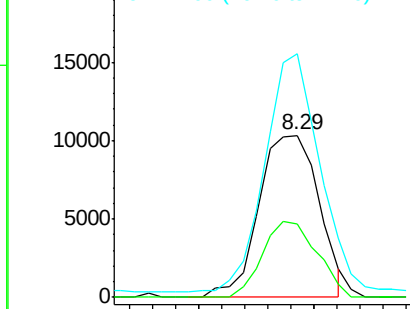
77 150.0 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010089.D (-885) (-)

Ion 108.00 (107.70 to 108.70): BM010089.D (-885) (-)

Ion 77.00 (76.70 to 77.70): BM010089.D (-885) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.09 ng

RT: 8.50 min Scan# 920

Delta R.T. -0.00 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

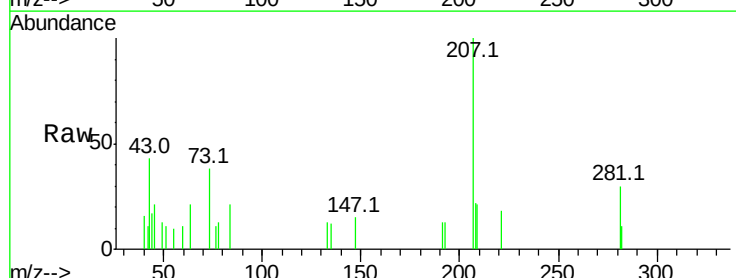
Tgt Ion: 45 Resp: 830

Ion Ratio Lower Upper

45 100

77 51.9 0.0 35.2#

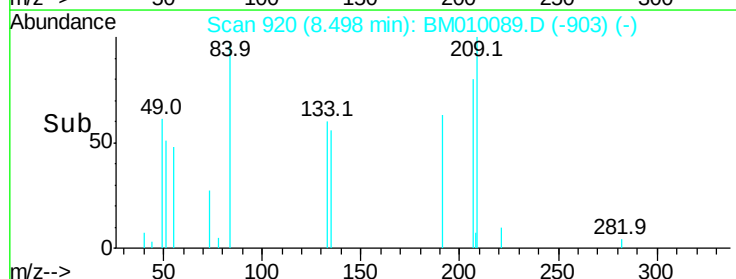
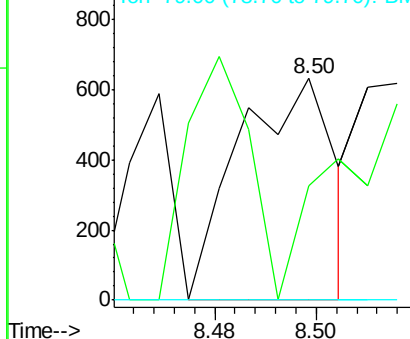
79 0.0 0.0 32.0

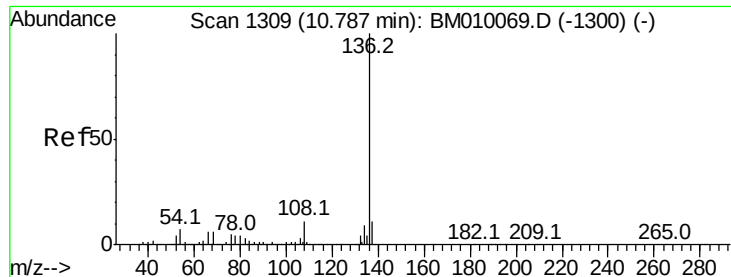


Abundance Ion 45.00 (44.70 to 45.70): BM010089.D (-920) (-)

Ion 77.00 (76.70 to 77.70): BM010089.D (-920) (-)

Ion 79.00 (78.70 to 79.70): BM010089.D (-920) (-)

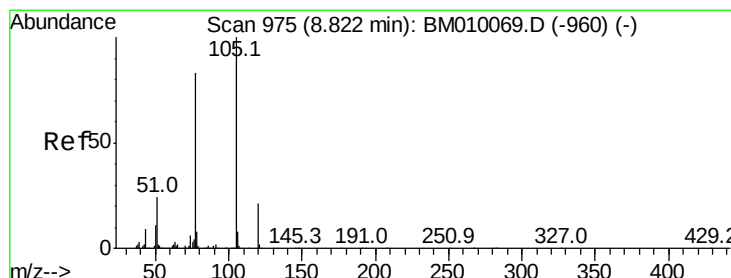
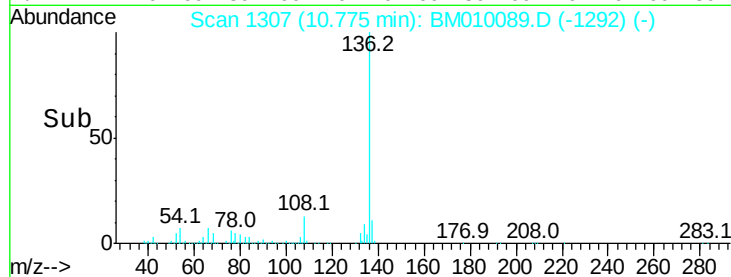
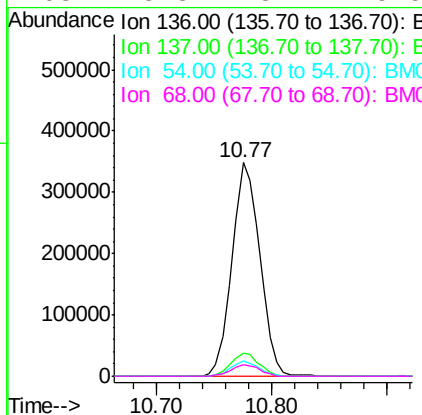
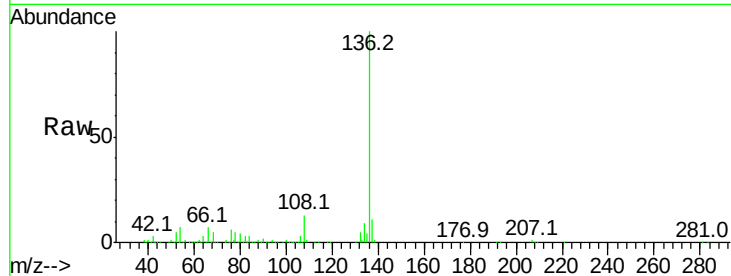




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

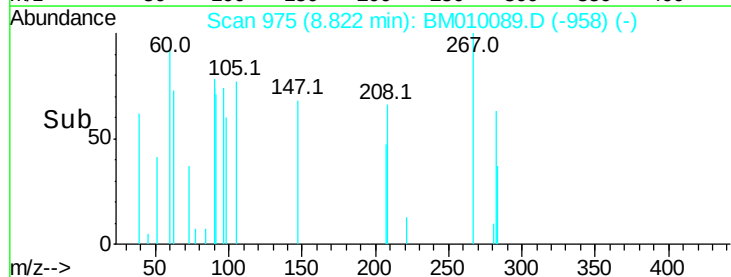
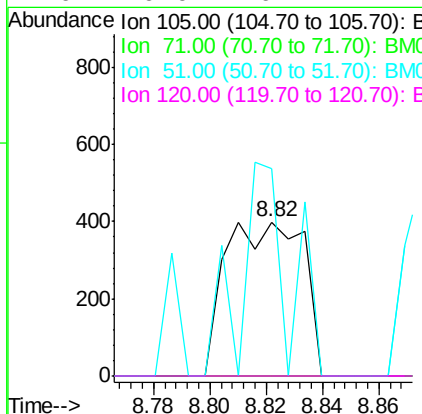
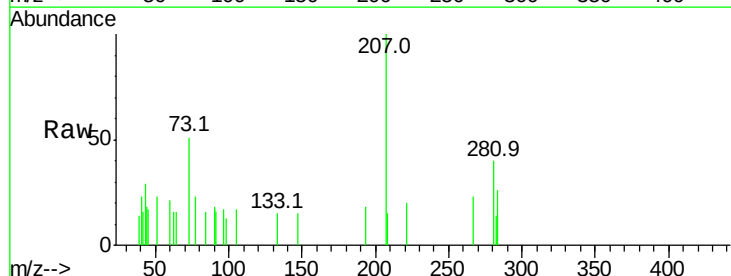
Instrument :
BNA_M
ClientSampled :

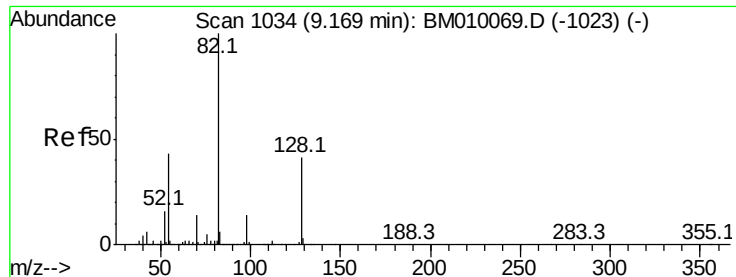
Tot Ion:136	Resp:	584343
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.7	13.1
54 7.1	4.6	6.8#
68 5.3	3.7	5.5



#22
Acetophenone
Concen: 0.05 ng
RT: 8.82 min Scan# 975
Delta R.T. -0.00 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt	Ion:105	Resp:	761
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	135.1	21.6	32.4#
120	0.0	16.1	24.1#

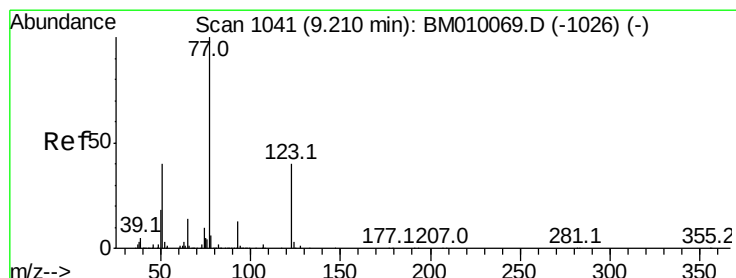
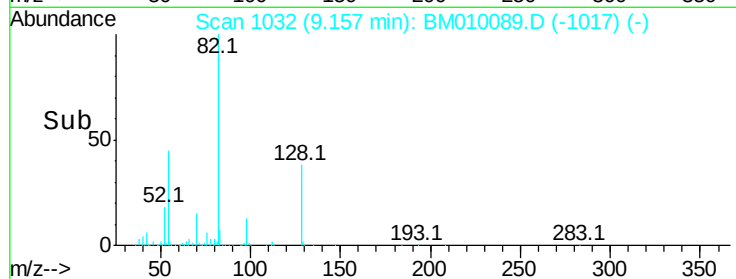
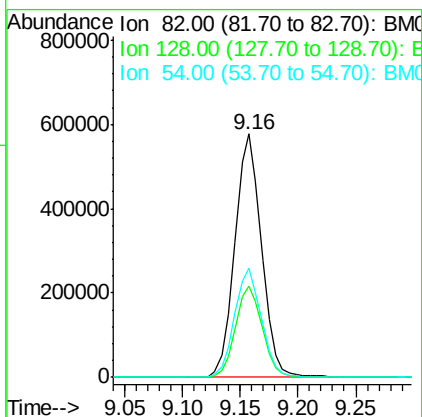
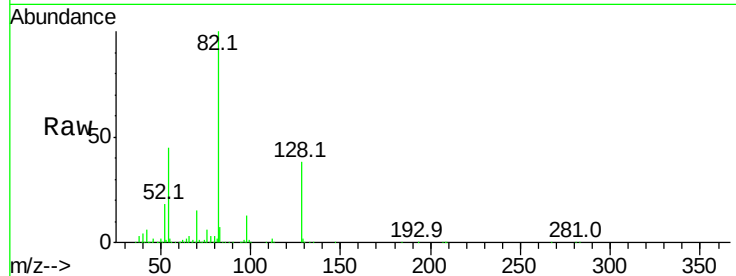




#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 9.16 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

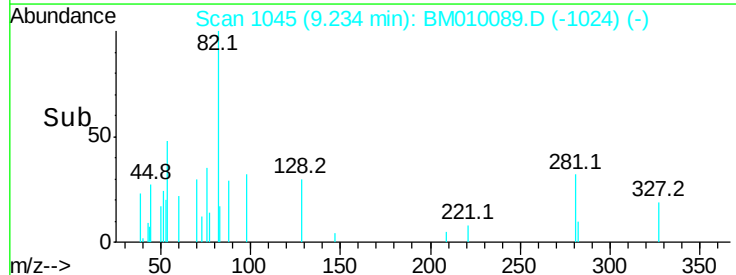
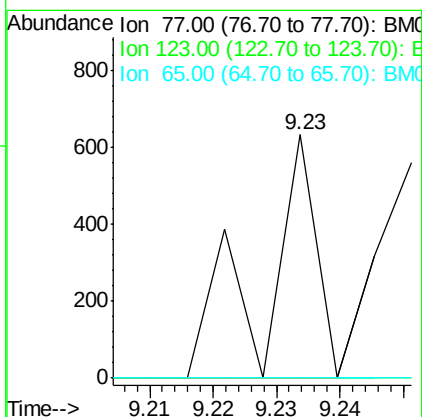
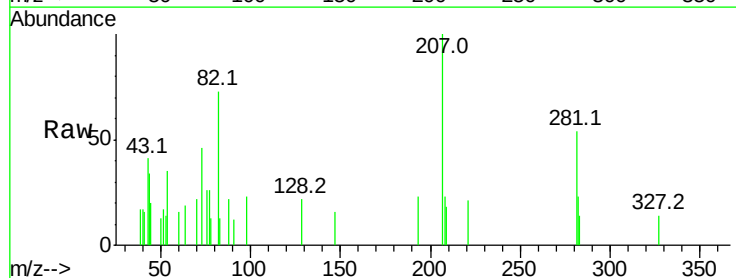
Instrument :
 BNA_M
 ClientSampleId :

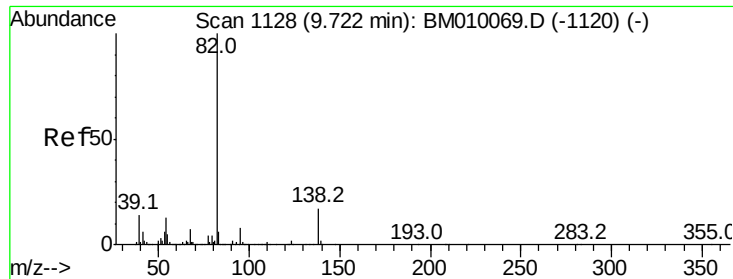
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.6	32.8	49.2
54	44.9	40.6	60.8



#24
 Nitrobenzene
 Concen: 0.03 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. 0.02 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

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





#25

Isophorone

Concen: 0.02 ng

RT: 9.72 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

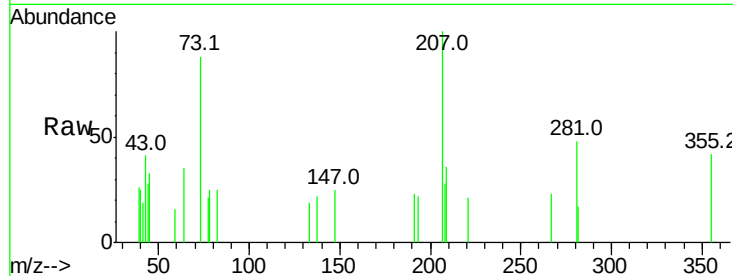
Tot Ion: 82 Resp: 328

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#

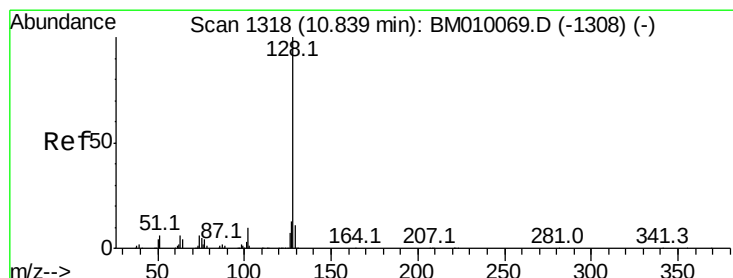
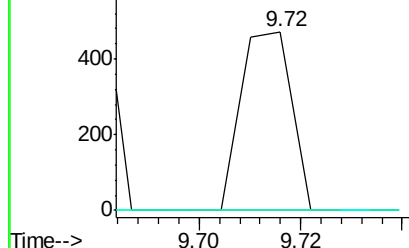
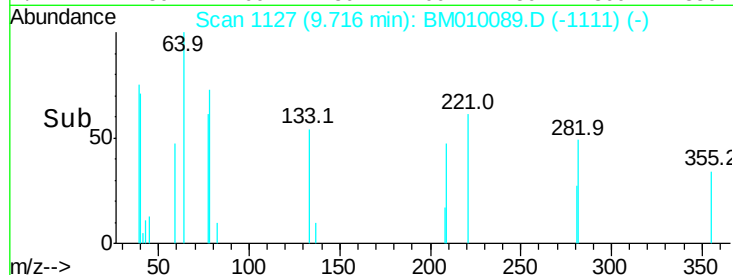


Abundance Ion 82.00 (81.70 to 82.70): BM010069.D (-1120) (-)

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

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

Time-->



#31

Naphthalene

Concen: 0.16 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

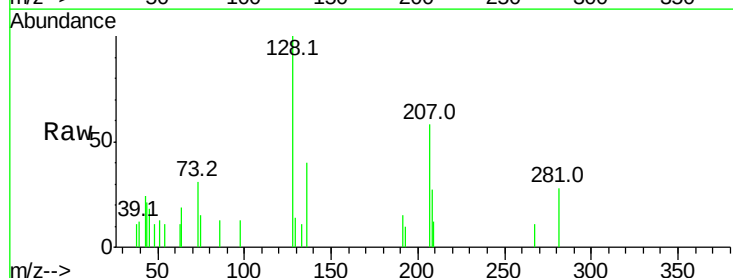
Tgt Ion: 128 Resp: 5035

Ion Ratio Lower Upper

128 100

129 14.3 8.9 13.3#

127 0.0 10.4 15.6#

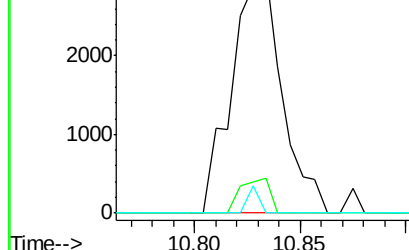
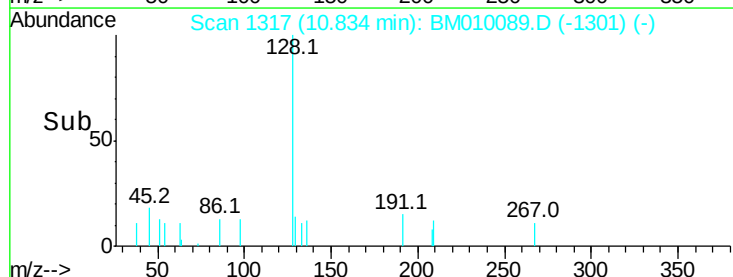


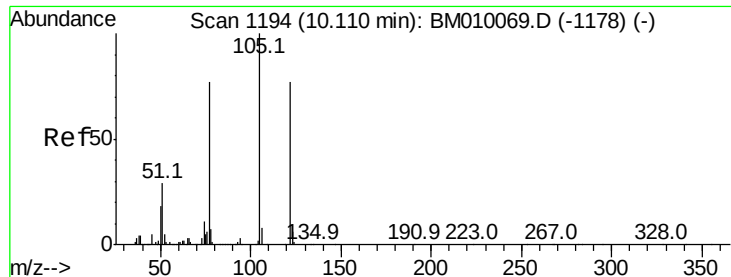
Abundance Ion 128.00 (127.70 to 128.70): BM010069.D (-1308) (-)

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

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

Time-->

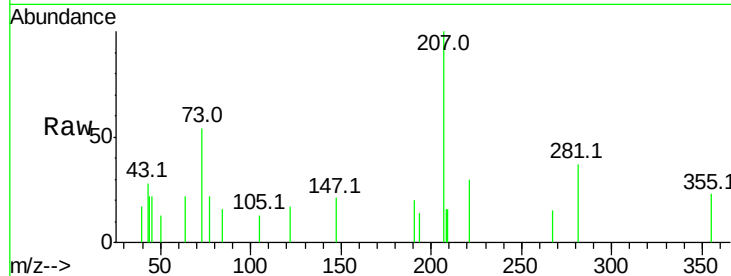




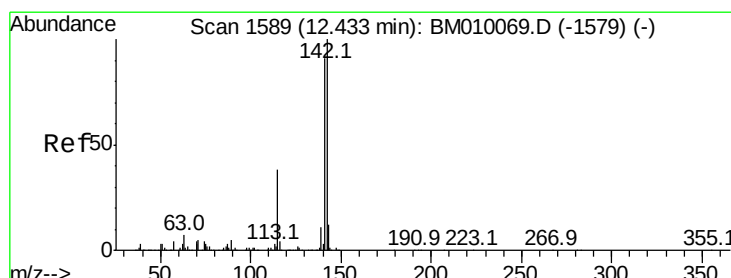
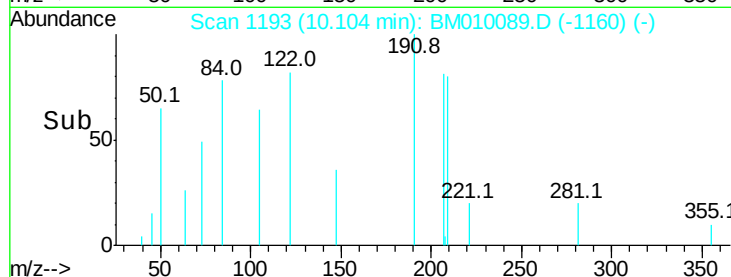
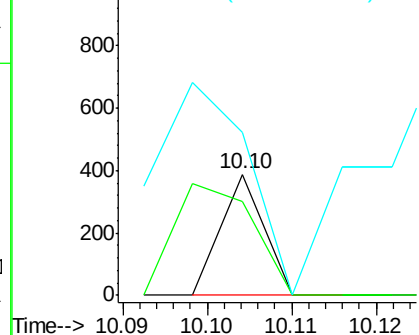
#32
Benzoic acid
Concen: 0.02 ng
RT: 10.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 137
Ion Ratio Lower Upper
122 100
105 77.6 99.9 139.9#
77 133.9 73.7 113.7#

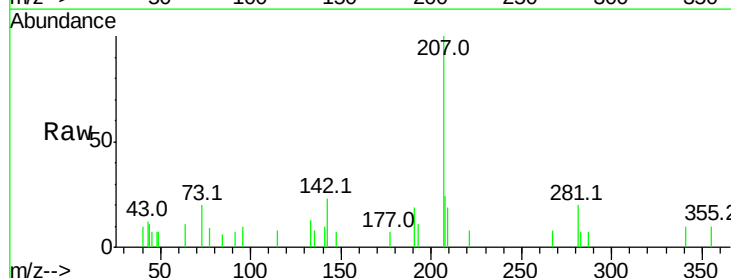


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM0

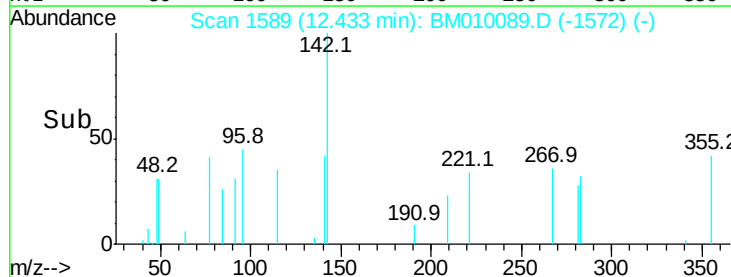
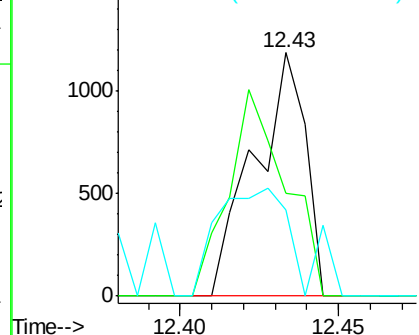


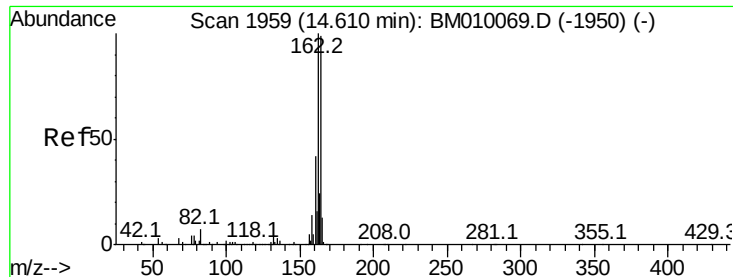
#37
2-Methylnaphthalene
Concen: 0.06 ng
RT: 12.43 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion:142 Resp: 1324
Ion Ratio Lower Upper
142 100
141 42.3 71.9 107.9#
115 35.3 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.60 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

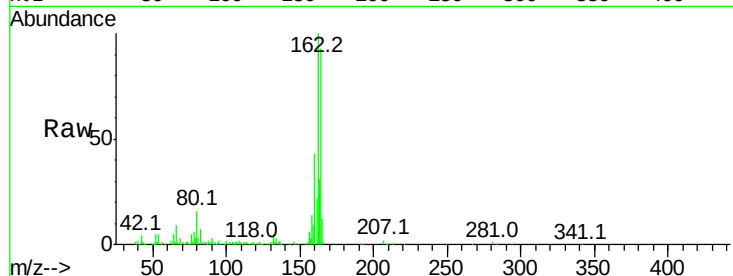
Tot Ion:164 Resp: 229486

Ion Ratio Lower Upper

164 100

162 107.4 82.4 123.6

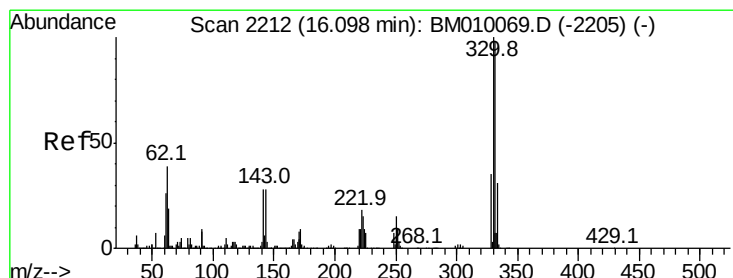
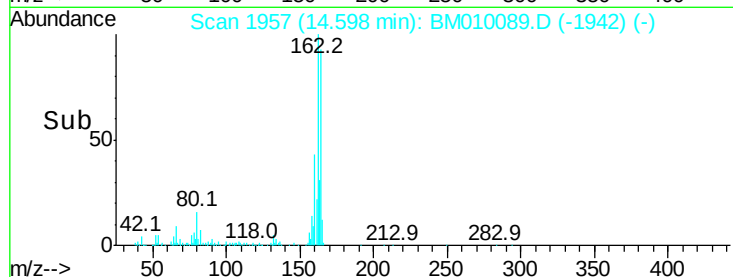
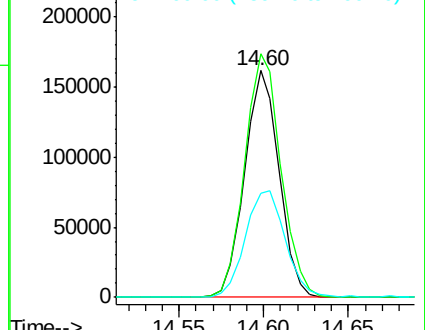
160 46.2 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 194.28 ng

RT: 16.09 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

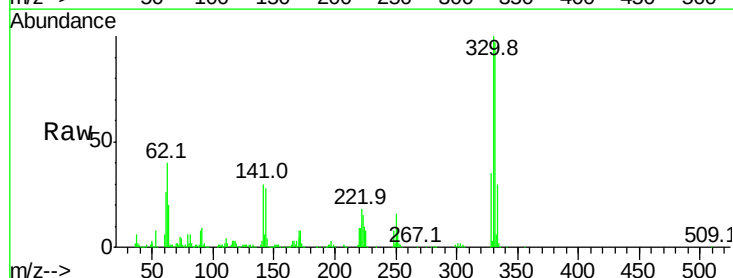
Tgt Ion:330 Resp: 677135

Ion Ratio Lower Upper

330 100

332 96.9 0.0 0.0#

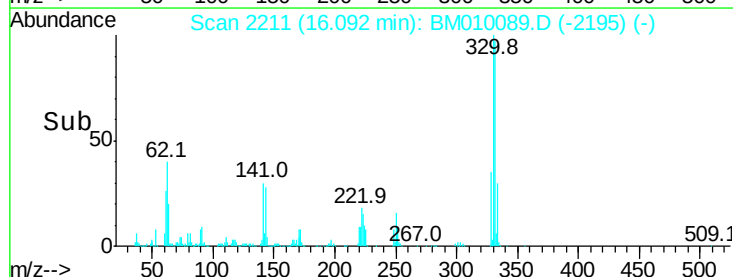
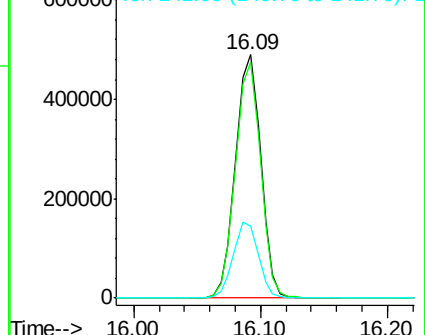
141 31.2 0.0 0.0#

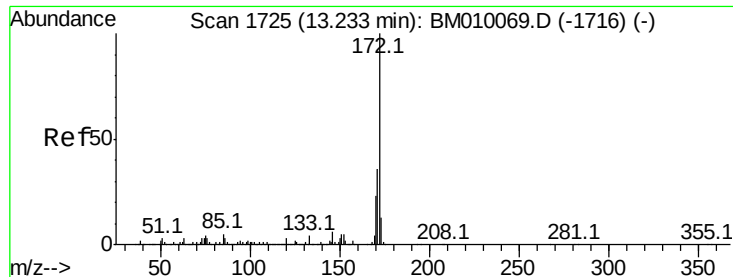


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



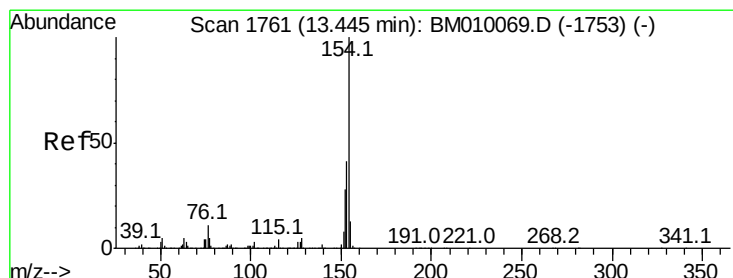
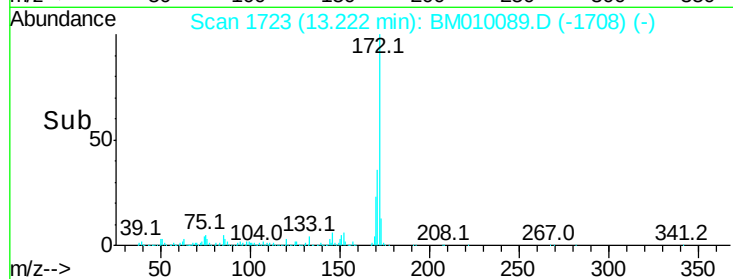
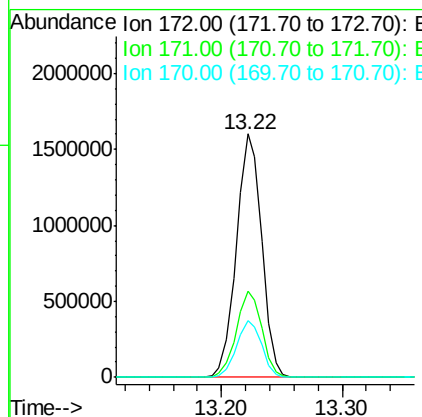
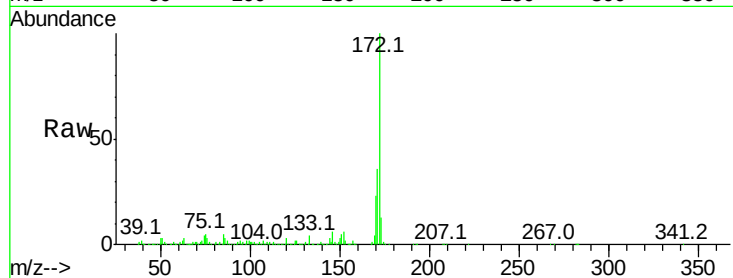


#44
 2-Fluorobiphenyl
 Concen: 131.26 ng
 RT: 13.22 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:172 Resp: 2343093

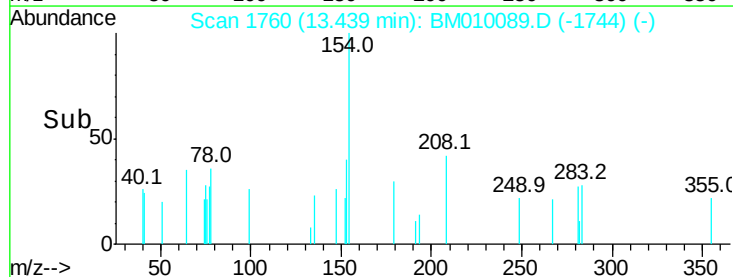
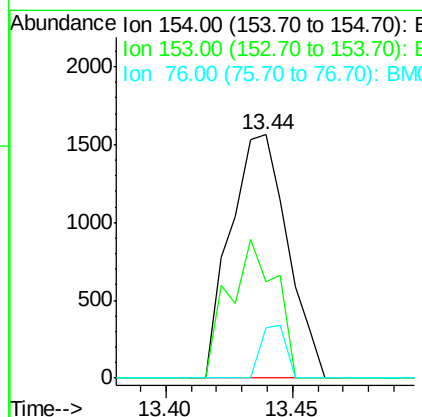
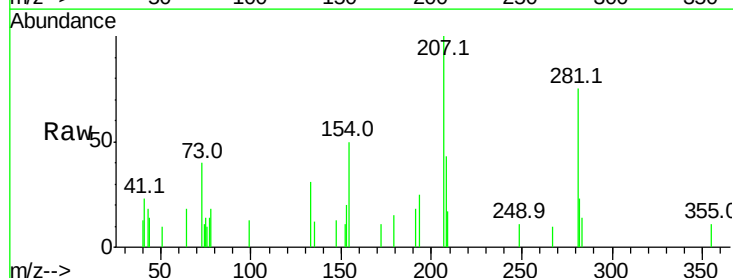
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.5	18.8	28.2

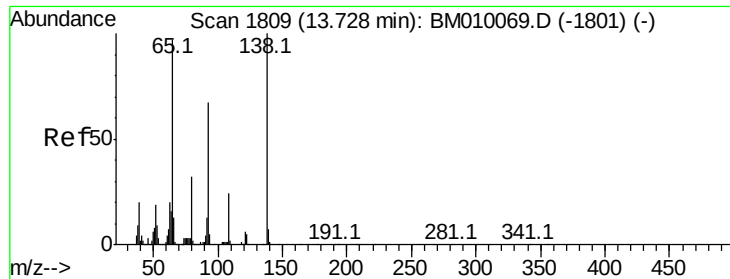


#45
 1,1'-Biphenyl
 Concen: 0.13 ng
 RT: 13.44 min Scan# 1760
 Delta R.T. -0.01 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

Tgt Ion:154 Resp: 2453

Ion	Ratio	Lower	Upper
154	100		
153	39.6	20.7	60.7
76	20.8	0.0	30.9

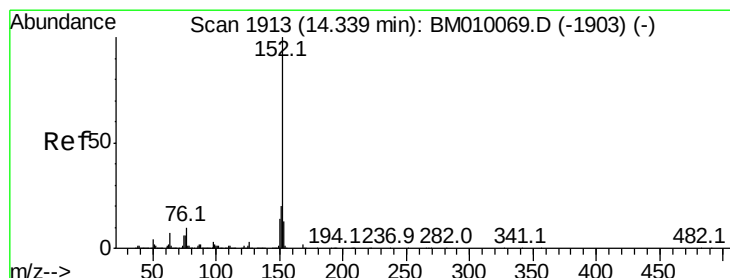
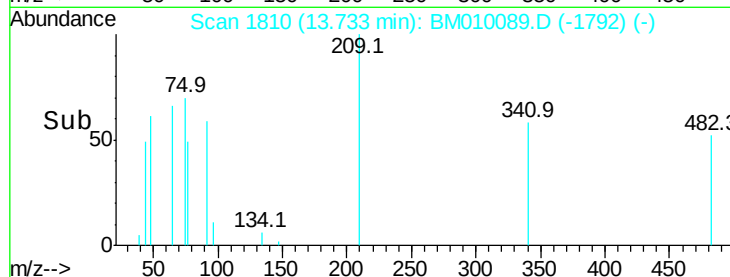
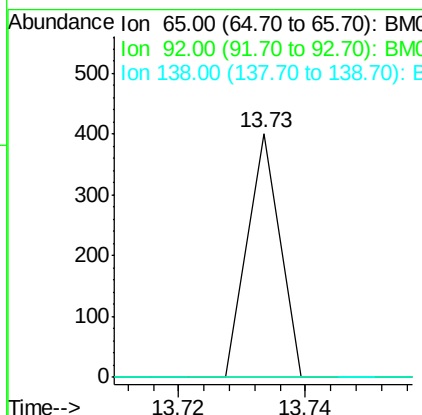
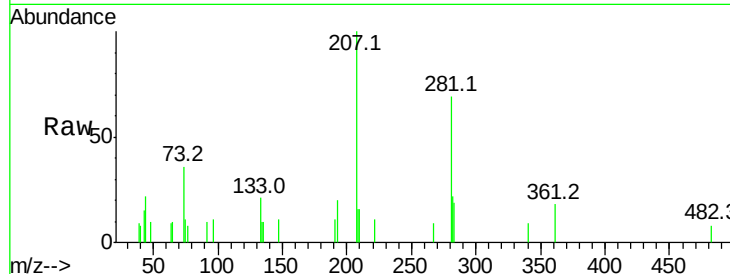




#47
2-Nitroaniline
Concen: 0.04 ng
RT: 13.73 min Scan# 1810
Delta R.T. 0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

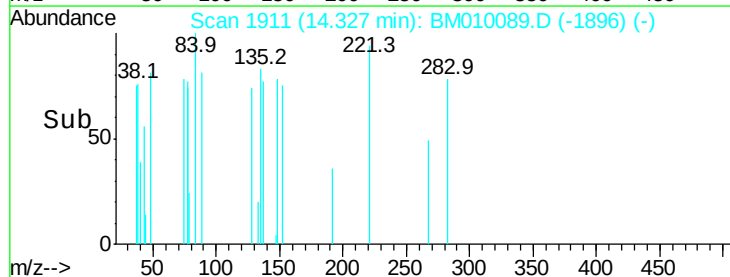
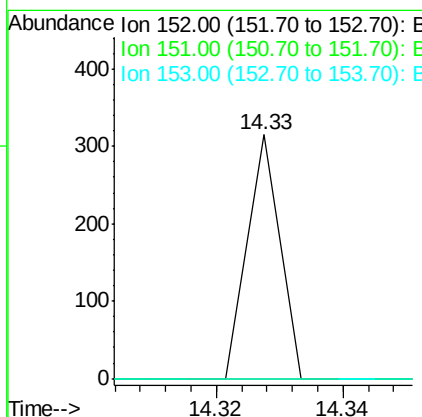
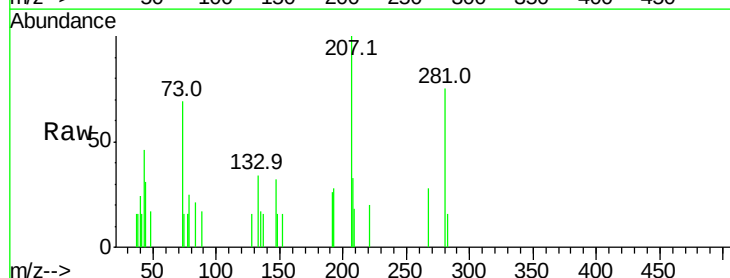
Instrument :
BNA_M
ClientSampleId :

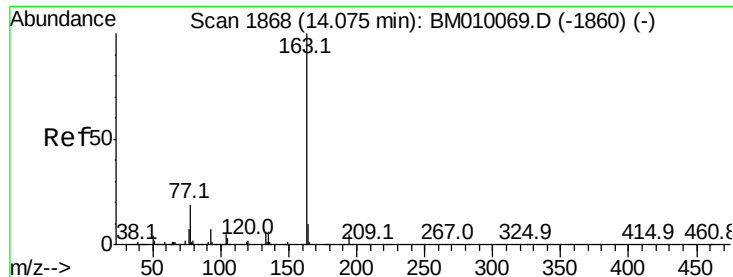
Tot Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
92 0.0 59.1 88.7#
138 0.0 93.9 140.9#



#48
Acenaphthylene
Concen: 0.00 ng
RT: 14.33 min Scan# 1911
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion: 152 Resp: 111
Ion Ratio Lower Upper
152 100
151 0.0 15.9 23.9#
153 0.0 10.6 16.0#





#49

Dimethylphthalate

Concen: 0.01 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.02 min

Lab File: BM010089.D

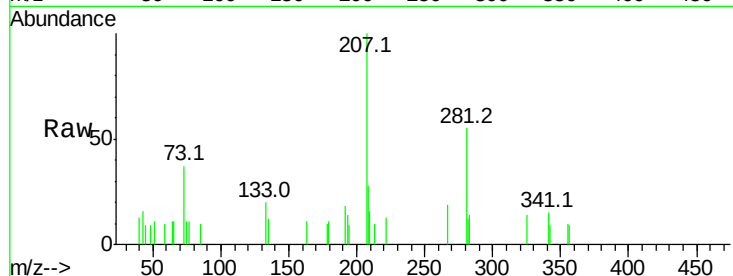
Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

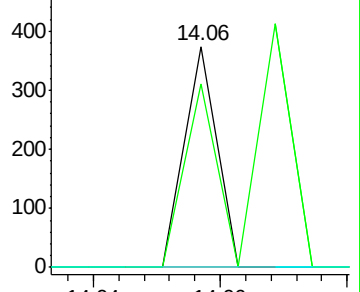
Tot Ion:163	Resp:	132
Ion	Ratio	Lower Upper
163	100	
194	82.9	2.7 4.1#
164	0.0	8.2 12.2#



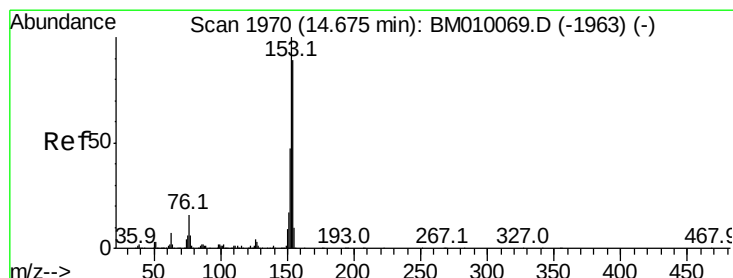
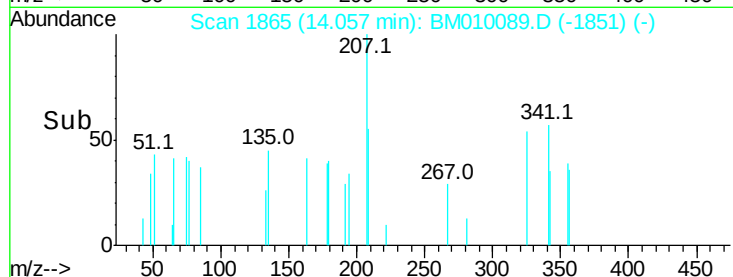
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time-->



#51

Acenaphthene

Concen: 0.02 ng

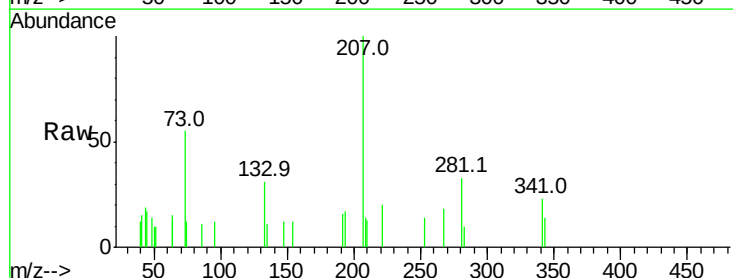
RT: 14.67 min Scan# 1969

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

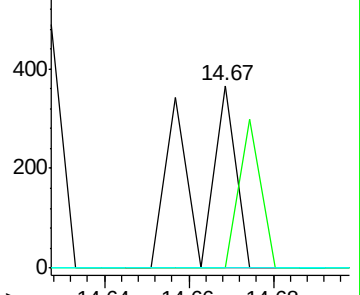
Tgt Ion:154	Resp:	250
Ion	Ratio	Lower Upper
154	100	
153	0.0	90.0 135.0#
152	0.0	42.6 63.8#



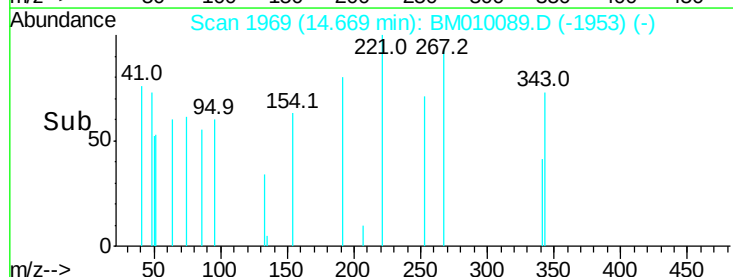
Abundance Ion 154.00 (153.70 to 154.70): E

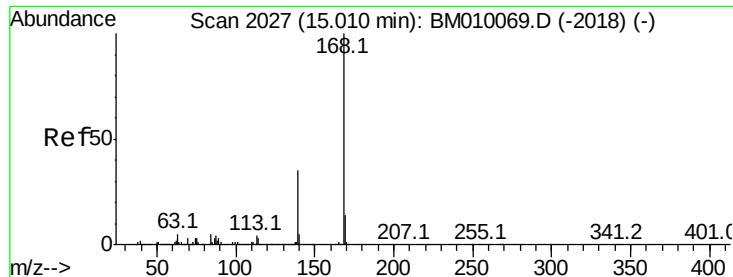
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->





#54

Dibenzofuran

Concen: 0.01 ng

RT: 15.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

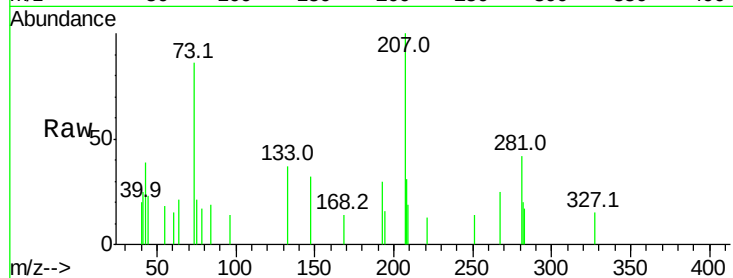
Tot Ion:168 Resp: 112

Ion Ratio Lower Upper

168 100

139 0.0 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

15.00

300

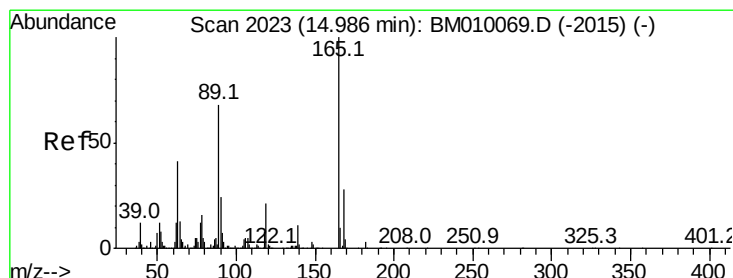
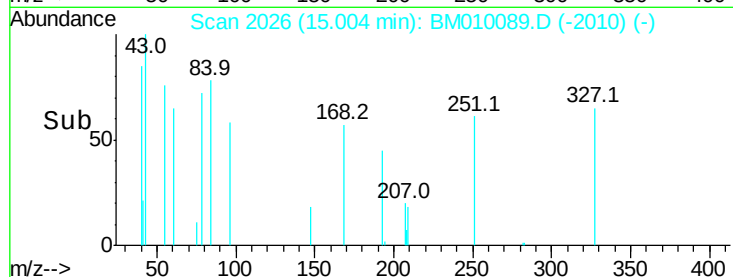
200

100

0

15.00 15.02

Time-->



#56

2,4-Dinitrotoluene

Concen: 0.02 ng

RT: 15.03 min Scan# 2031

Delta R.T. 0.05 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Tgt Ion:165 Resp: 114

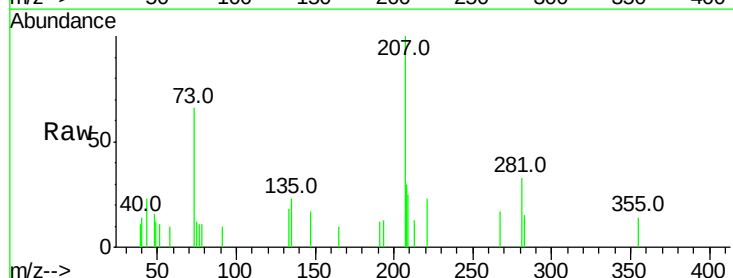
Ion Ratio Lower Upper

165 100

63 0.0 52.4 78.6#

89 0.0 72.4 108.6#

182 0.0 2.0 3.0#



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

Ion 182.00 (181.70 to 182.70): E

800

600

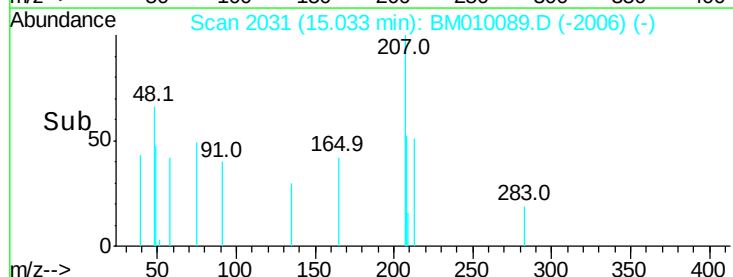
400

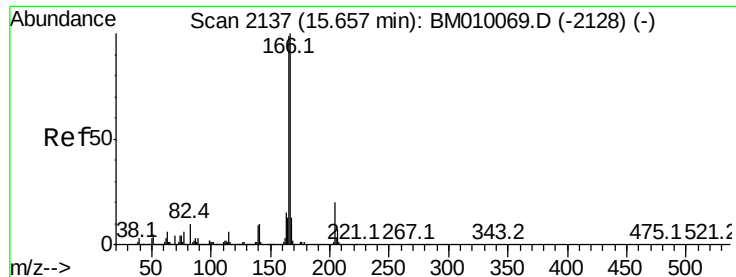
200

0

15.02 15.04

Time-->





#57

Fluorene

Concen: 0.12 ng

RT: 15.67 min Scan# 2140

Delta R.T. 0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampled :

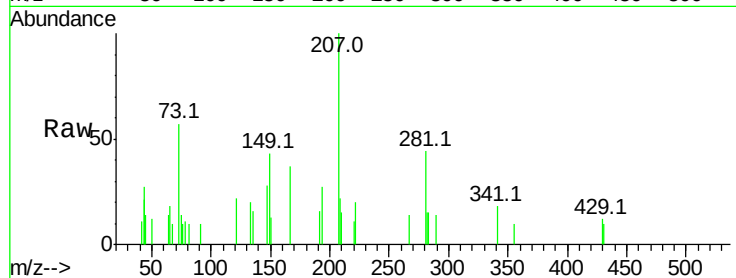
Tot Ion:166 Resp: 2257

Ion Ratio Lower Upper

166 100

165 0.0 79.0 118.4#

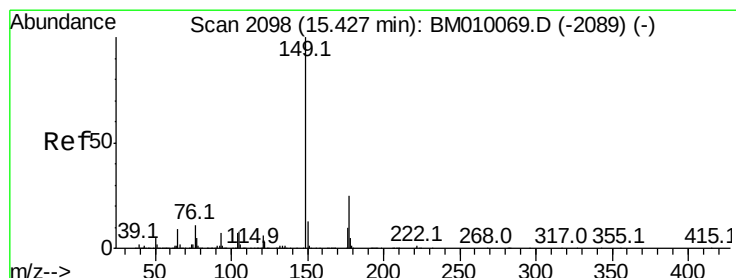
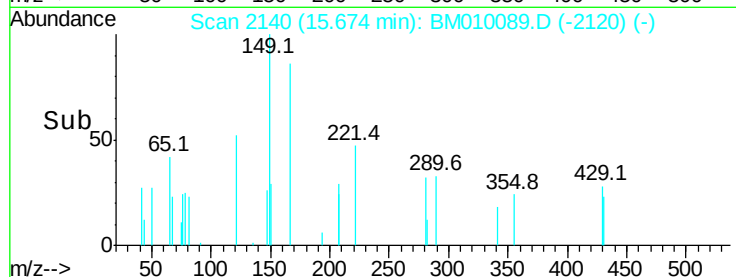
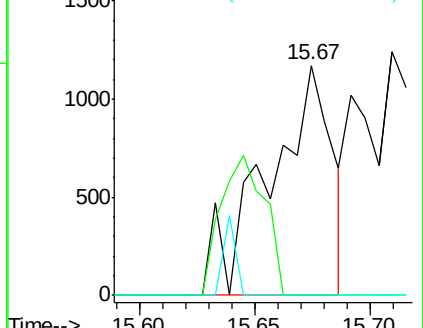
167 0.0 10.3 15.5#



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: 0.09 ng

RT: 15.42 min Scan# 2096

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

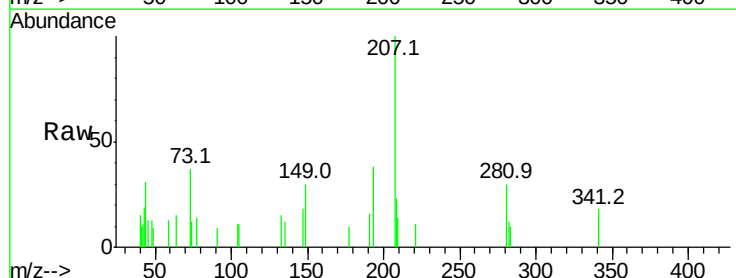
Tgt Ion:149 Resp: 1835

Ion Ratio Lower Upper

149 100

177 32.3 18.3 27.5#

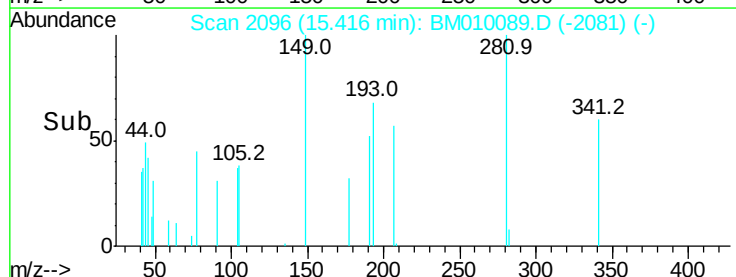
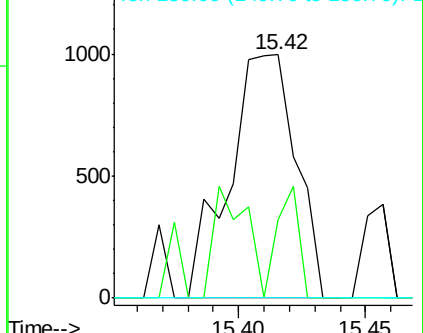
150 0.0 9.8 14.8#

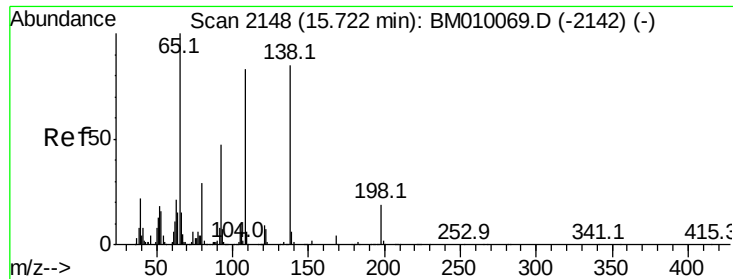


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

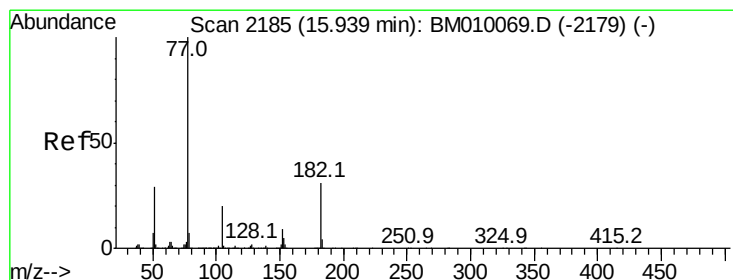
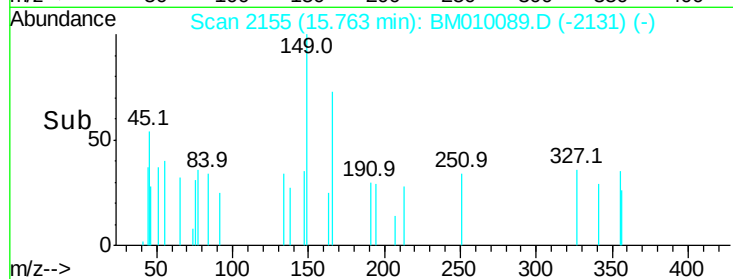
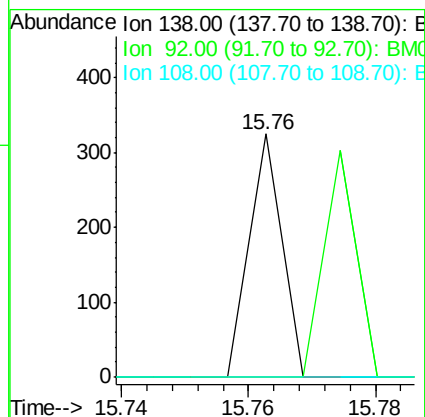
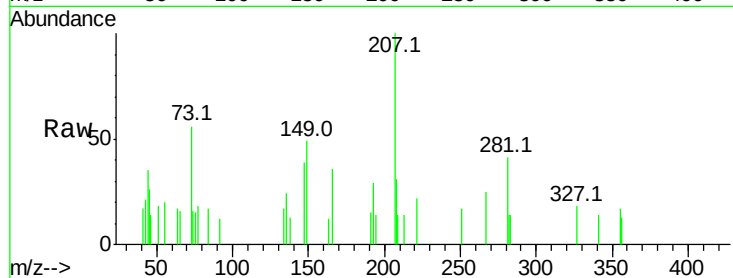




#61
4-Nitroaniline
Concen: 0.03 ng
RT: 15.76 min Scan# 2155
Delta R.T. 0.04 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

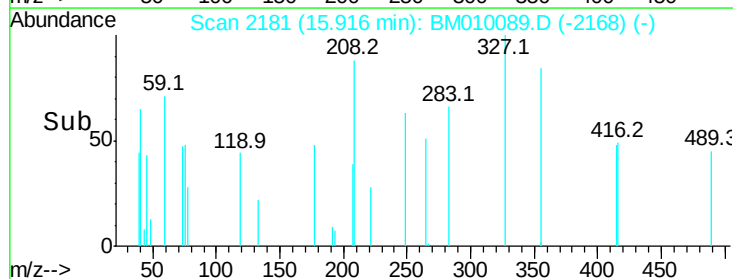
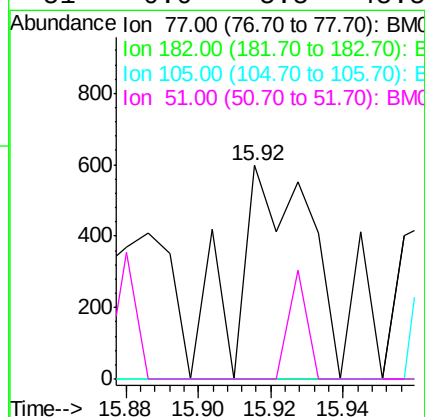
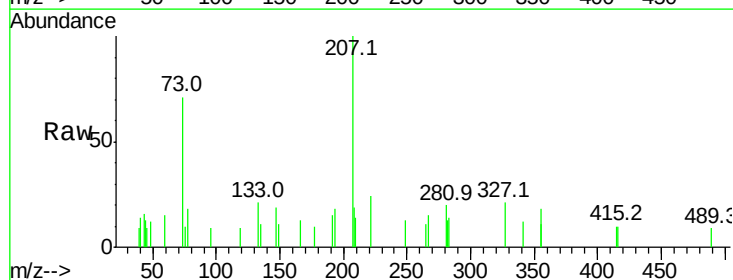
Instrument :
BNA_M
ClientSampled :

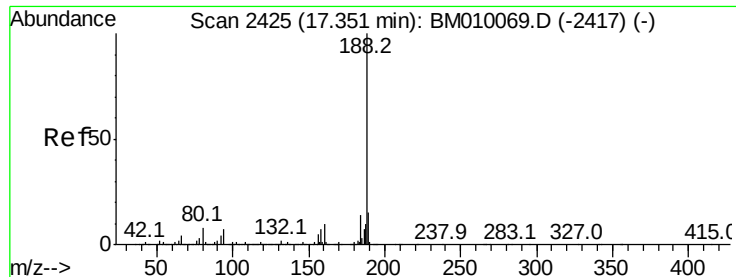
Tot Ion:138 Resp: 115
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 0.0 37.6 77.6#



#62
Azobenzene
Concen: 0.06 ng
RT: 15.92 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion: 77 Resp: 844
Ion Ratio Lower Upper
77 100
182 0.0 6.5 46.5#
105 0.0 3.8 43.8#
51 0.0 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.34 min Scan# 2424

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

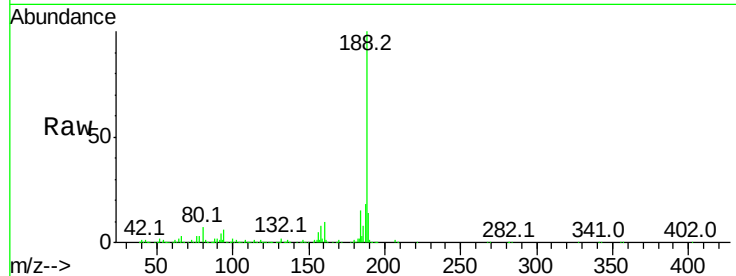
Tot Ion:188 Resp: 811151

Ion Ratio Lower Upper

188 100

94 6.0 8.7 13.1#

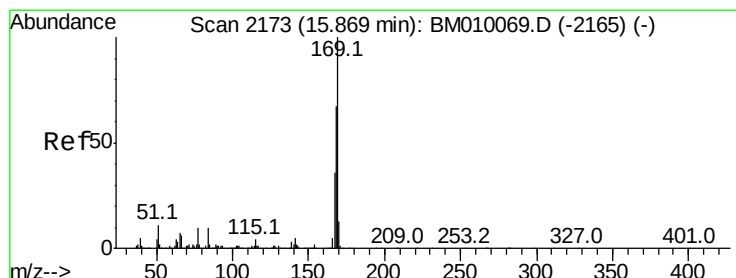
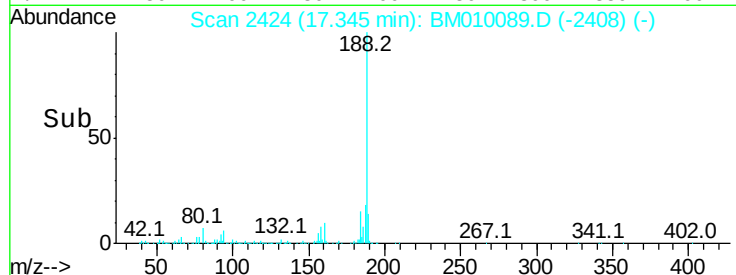
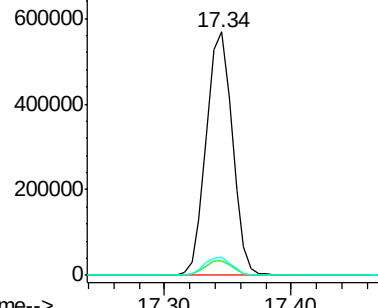
80 7.4 9.3 13.9#



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: 0.04 ng

RT: 15.87 min Scan# 2174

Delta R.T. 0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

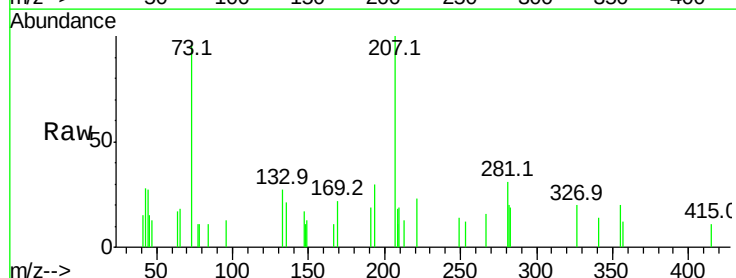
Tgt Ion:169 Resp: 998

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

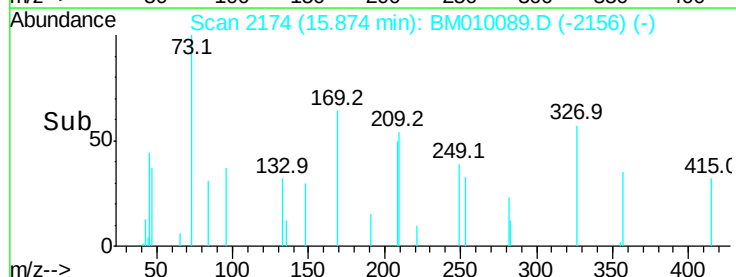
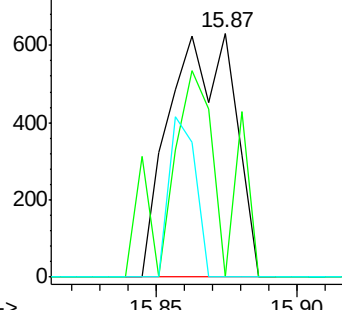
167 0.0 28.9 43.3#

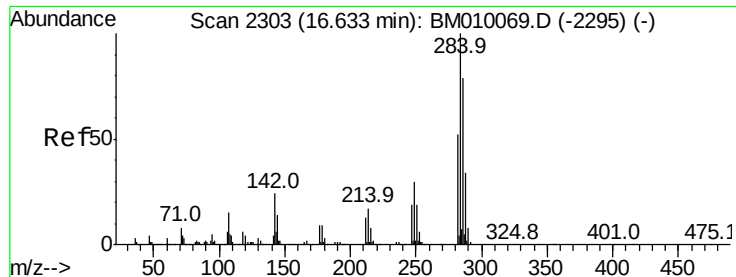


Abundance Ion 169.00 (168.70 to 169.70): E

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: 16.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

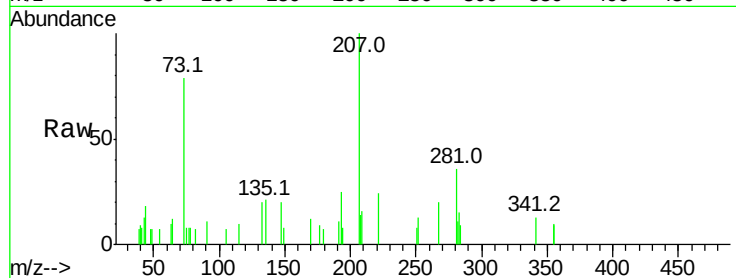
Tot Ion:284 Resp: 129

Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

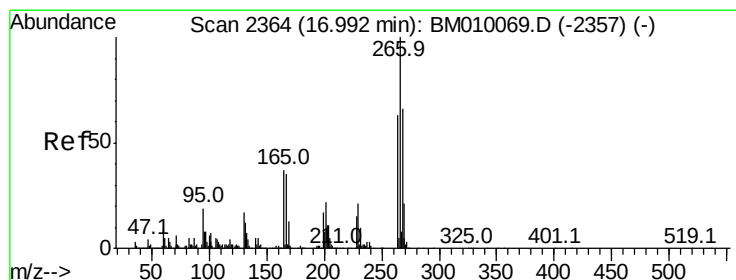
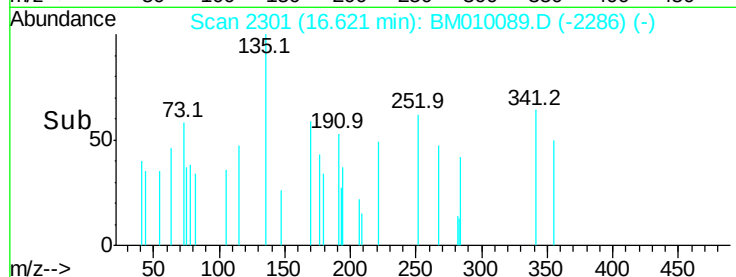
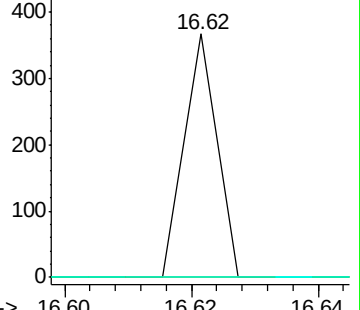
249 0.0 23.8 35.6#



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: 16.97 min Scan# 2360

Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

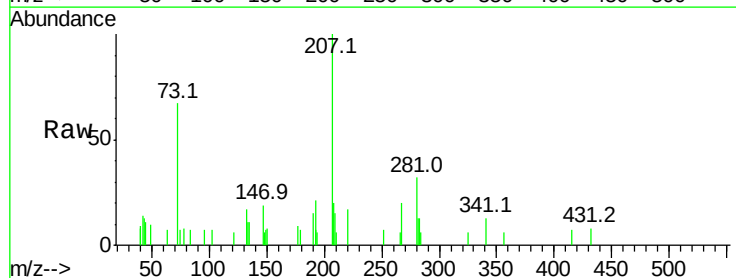
Tgt Ion:266 Resp: 113

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

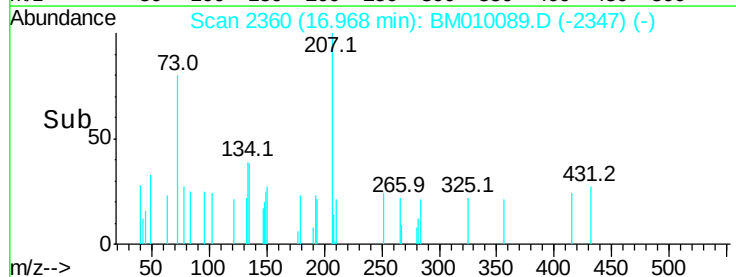
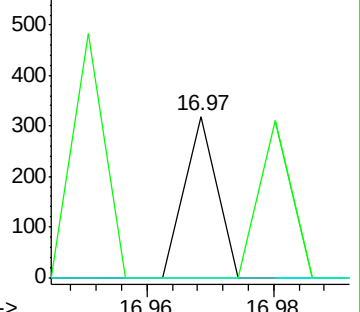
264 0.0 49.0 73.4#

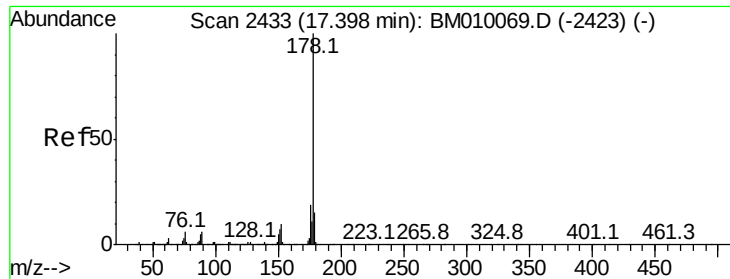


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.04 ng

RT: 17.39 min Scan# 2432

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

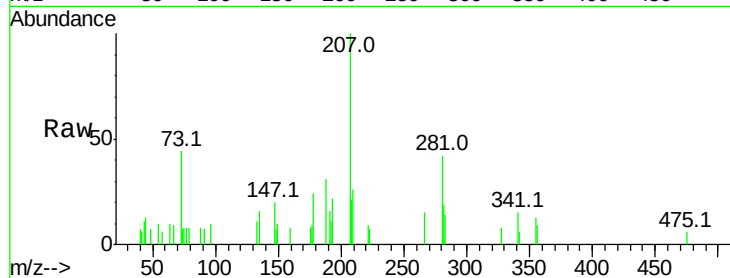
Tot Ion:178 Resp: 1984

Ion Ratio Lower Upper

178 100

176 32.1 15.2 22.8#

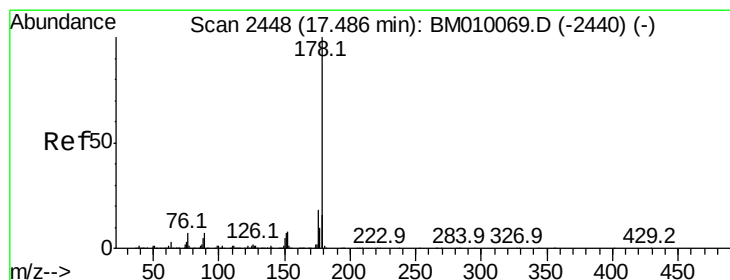
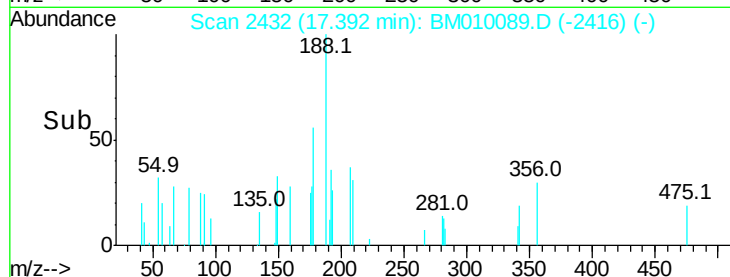
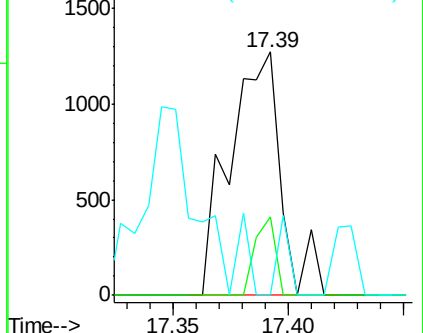
179 0.0 12.1 18.1#



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: 0.00 ng

RT: 17.48 min Scan# 2447

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

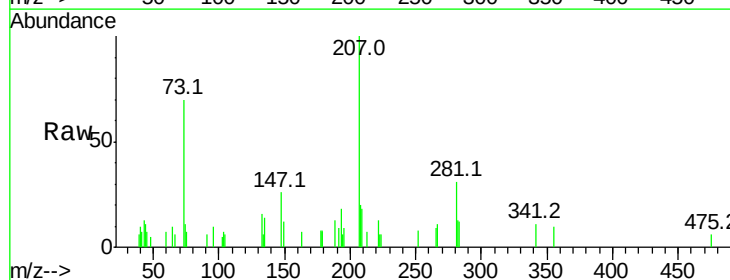
Tgt Ion:178 Resp: 138

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

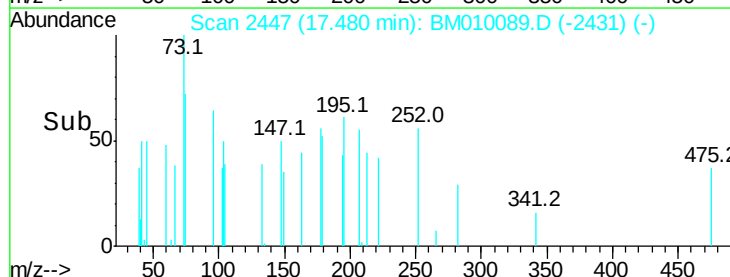
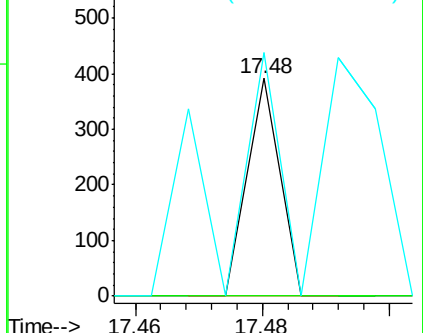
179 111.7 12.6 19.0#

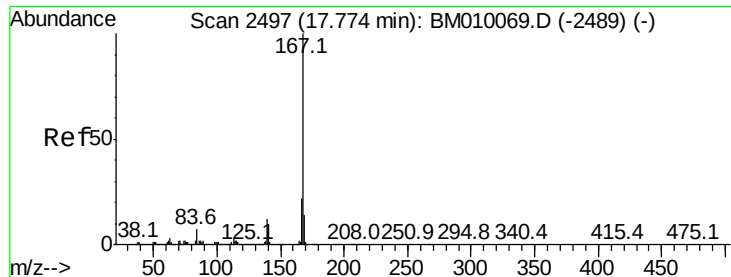


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.09 ng

RT: 17.77 min Scan# 2496

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampled :

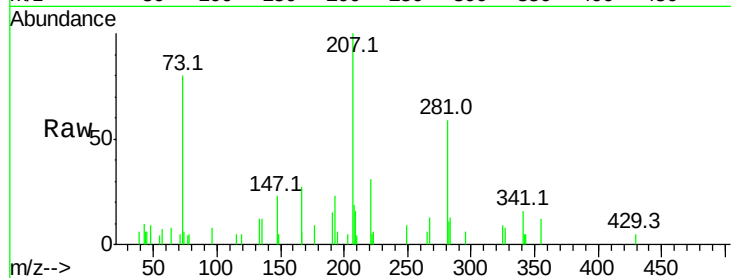
Tot Ion:167 Resp: 3576

Ion Ratio Lower Upper

167 100

166 22.8 17.2 25.8

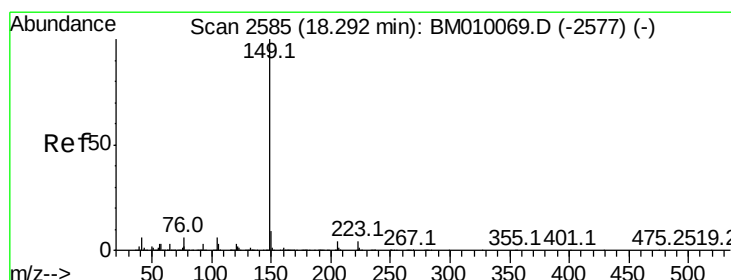
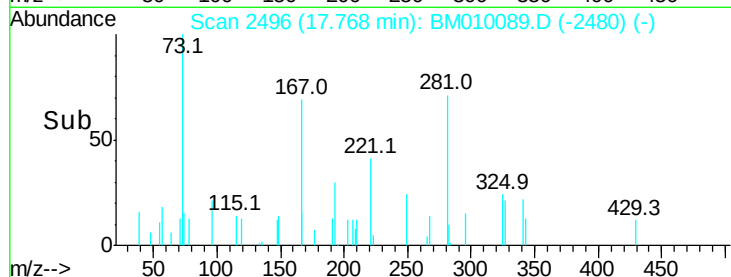
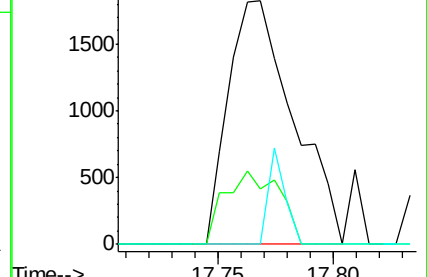
139 0.0 10.8 16.2#



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: 0.11 ng

RT: 18.29 min Scan# 2584

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

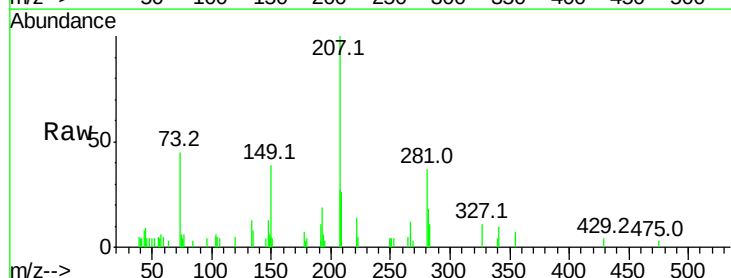
Tgt Ion:149 Resp: 5297

Ion Ratio Lower Upper

149 100

150 13.3 7.5 11.3#

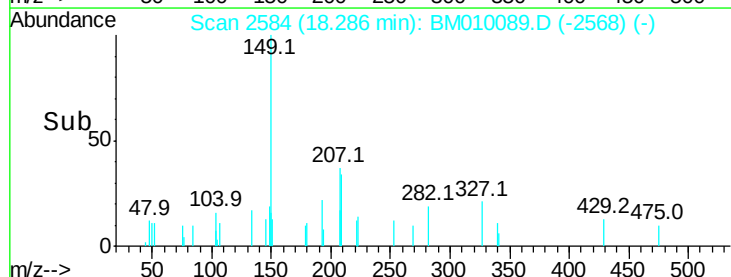
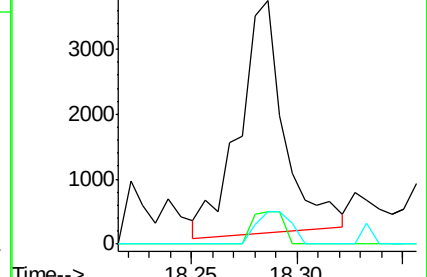
104 13.5 3.7 5.5#

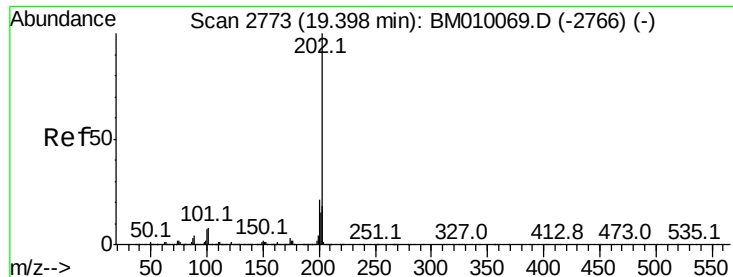


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.01 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.00 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampled :

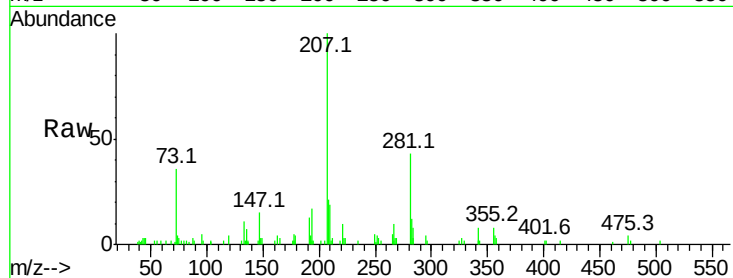
Tot Ion:202 Resp: 548

Ion Ratio Lower Upper

202 100

101 0.0 0.0 28.7

203 0.0 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

19.40

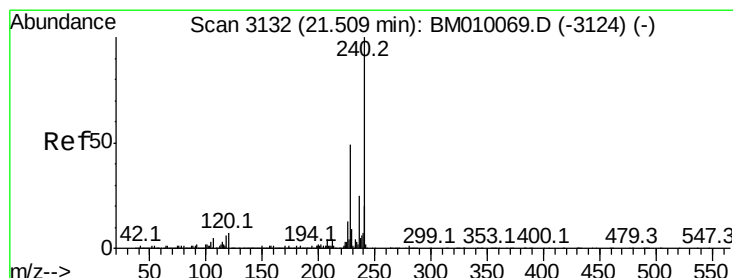
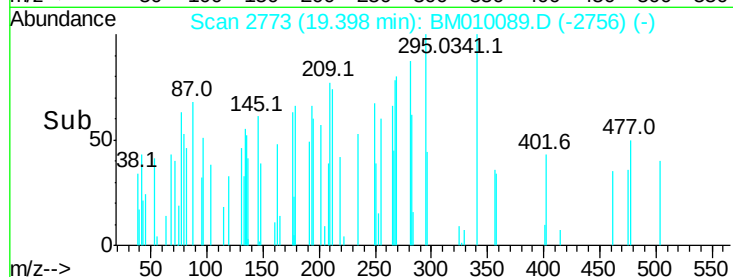
400

200

0

19.36 19.38 19.40 19.42

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.50 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

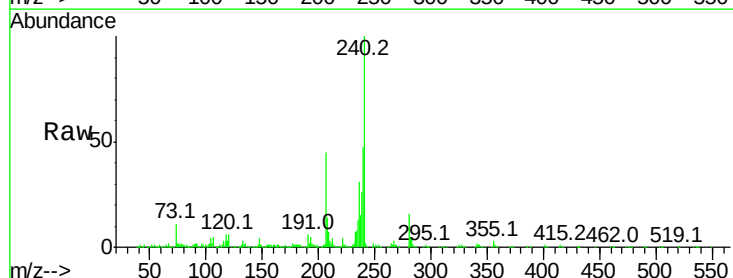
Tgt Ion:240 Resp: 578614

Ion Ratio Lower Upper

240 100

120 6.3 8.2 12.2#

236 30.9 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

21.50

600000

500000

400000

300000

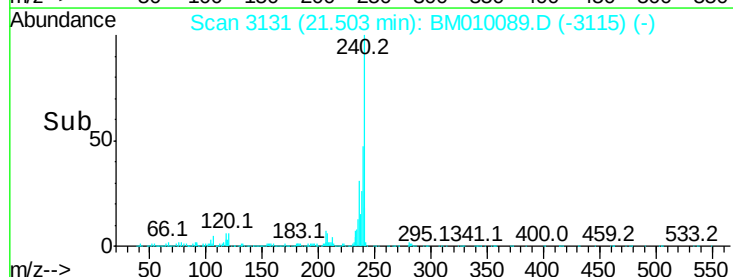
200000

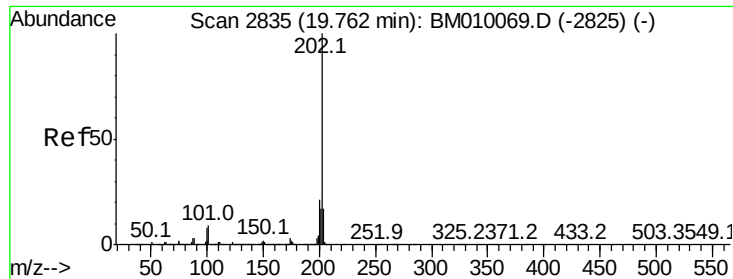
100000

0

21.40 21.50 21.60

Time-->

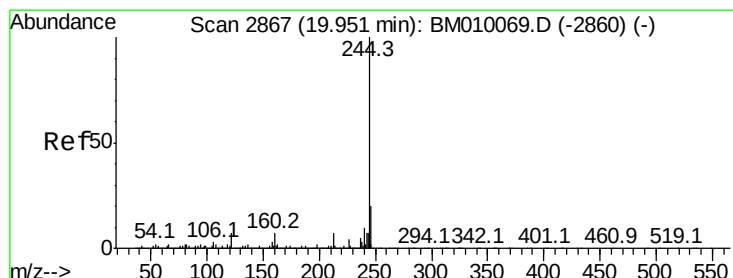
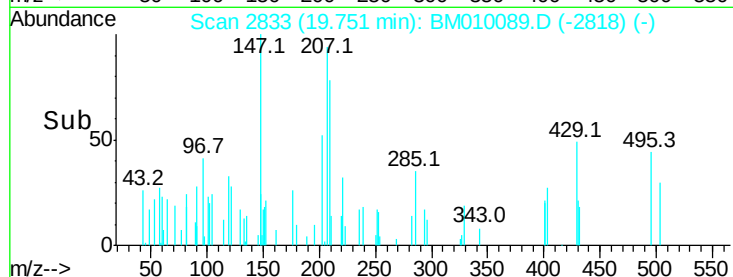
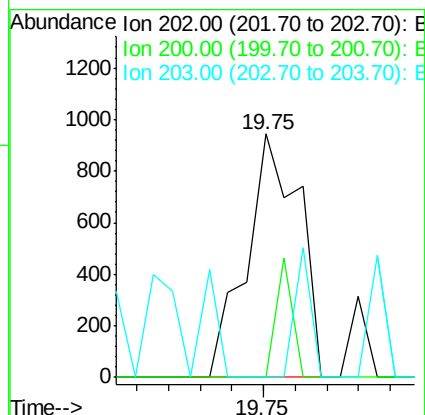
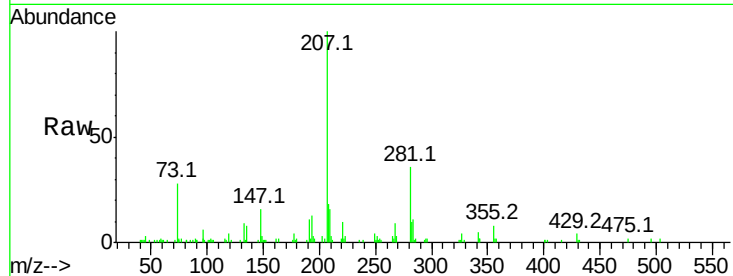




#77
Pvrene
Concen: 0.04 ng
RT: 19.75 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

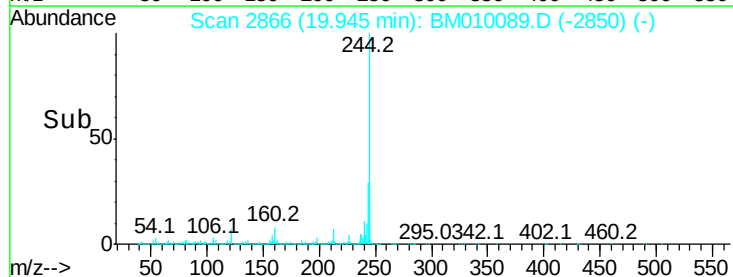
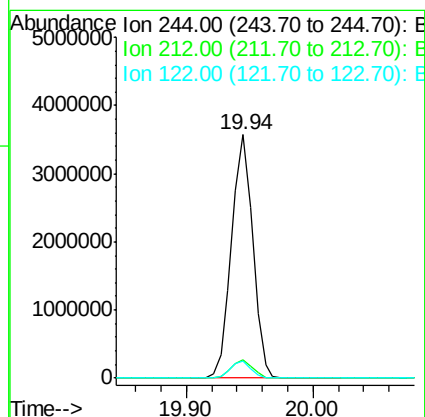
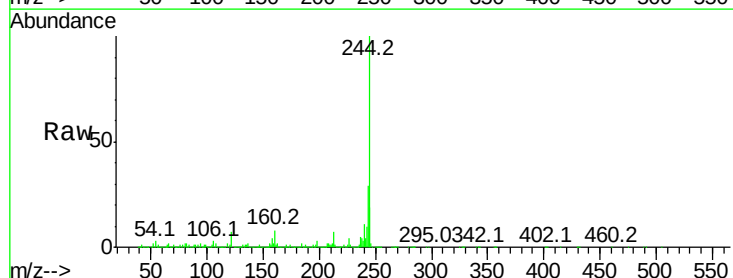
Instrument :
BNA_M
ClientSampled :

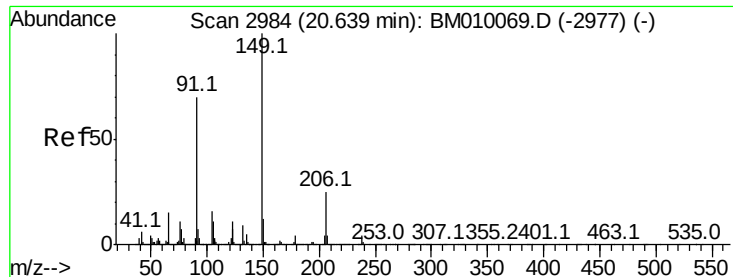
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	0.0	14.1	21.1#



#78
Terphenyl-d14
Concen: 162.89 ng
RT: 19.94 min Scan# 2866
Delta R.T. -0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	4.9	7.3
122	6.8	6.2	9.4

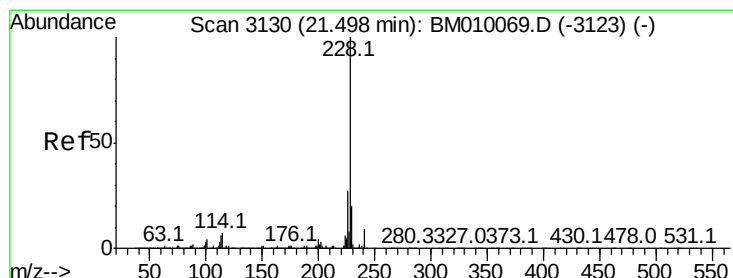
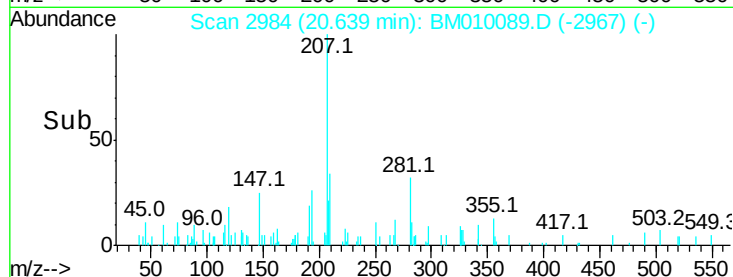
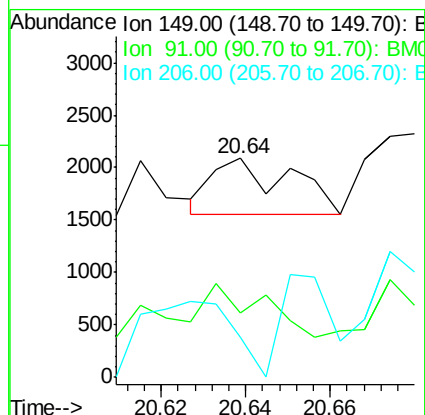
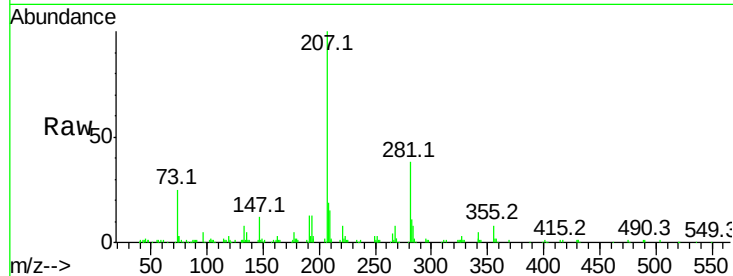




#79
Butylbenzylphthalate
Concen: 0.06 ng
RT: 20.64 min Scan# 2984
Delta R.T. -0.00 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

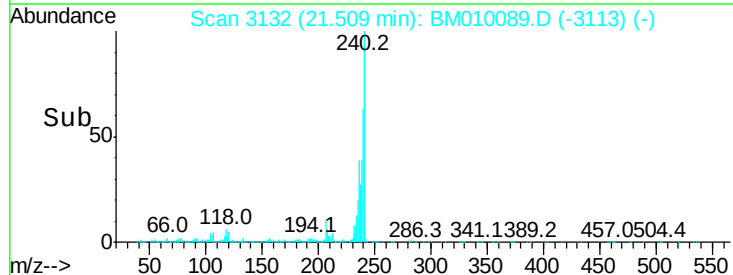
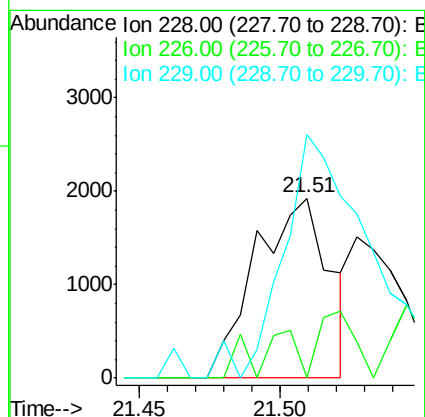
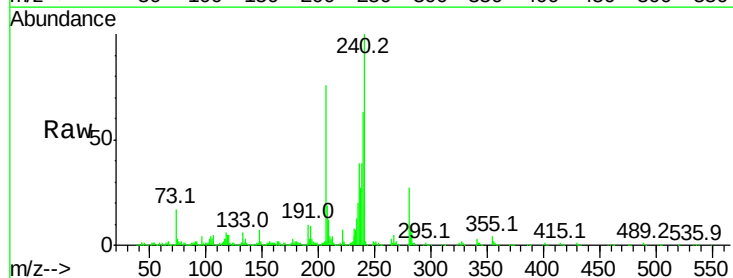
Instrument :
BNA_M
ClientSampled :

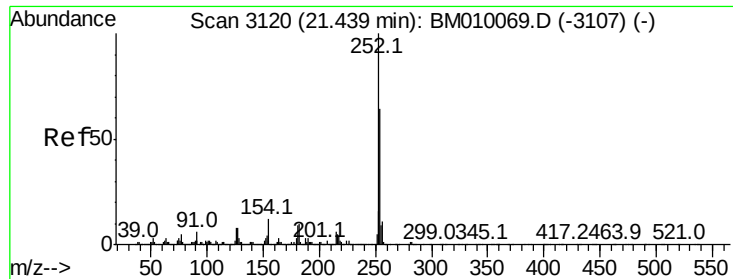
Tot Ion:149 Resp: 685
Ion Ratio Lower Upper
149 100
91 29.6 50.1 75.1#
206 18.3 16.2 24.2



#80
Benzo(a)anthracene
Concen: 0.11 ng
RT: 21.51 min Scan# 3132
Delta R.T. 0.01 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion:228 Resp: 3512
Ion Ratio Lower Upper
228 100
226 0.0 21.7 32.5#
229 135.3 16.0 24.0#

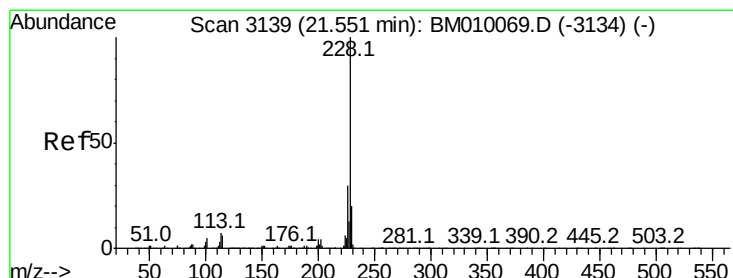
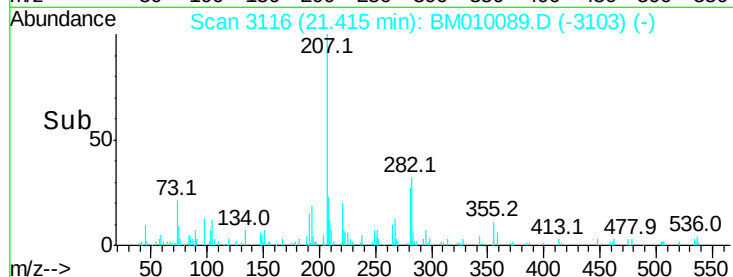
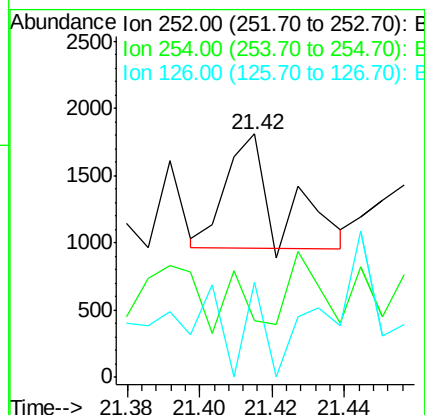
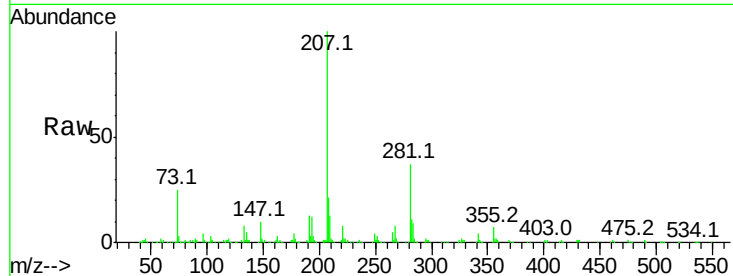




#81
 3,3'-Dichlorobenzidine
 Concen: 0.07 ng
 RT: 21.42 min Scan# 3116
 Delta R.T. -0.02 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

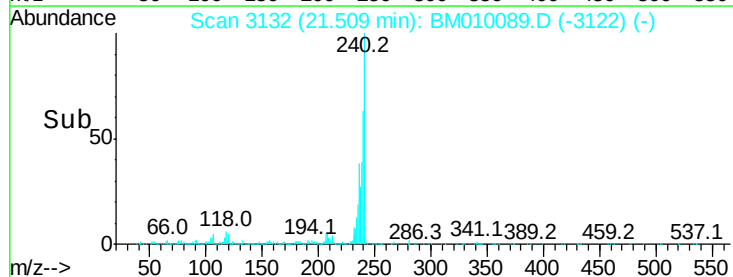
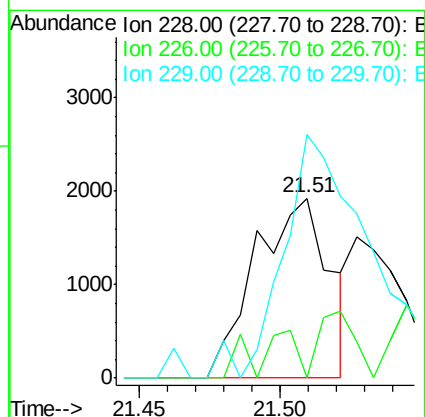
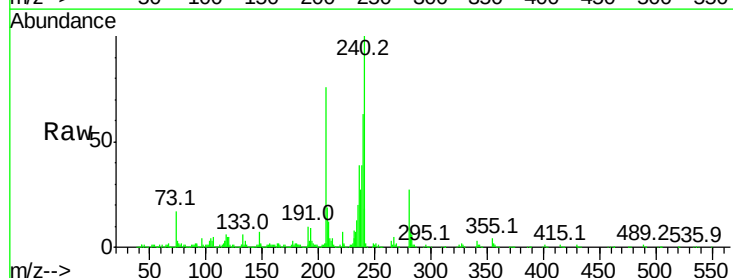
Instrument :
 BNA_M
 ClientSampled :

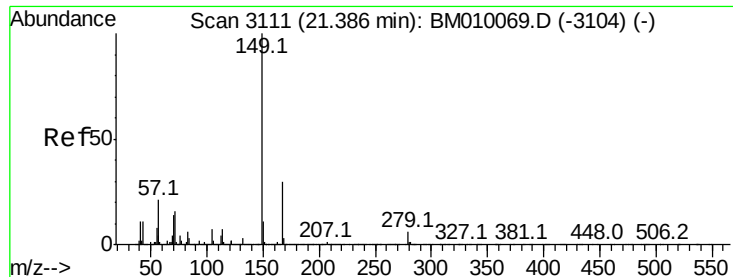
Tot Ion:252 Resp: 883
 Ion Ratio Lower Upper
 252 100
 254 23.5 51.9 77.9#
 126 39.3 9.8 14.8#



#82
 Chrysene
 Concen: 0.12 ng
 RT: 21.51 min Scan# 3132
 Delta R.T. -0.04 min
 Lab File: BM010089.D
 Acq: 20 May 2017 03:13

Tgt Ion:228 Resp: 3512
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 135.3 15.5 23.3#





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.33 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

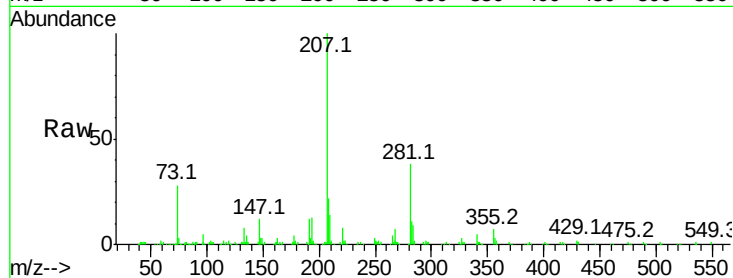
Tot Ion:149 Resp: 5708

Ion Ratio Lower Upper

149 100

167 20.3 22.4 33.6#

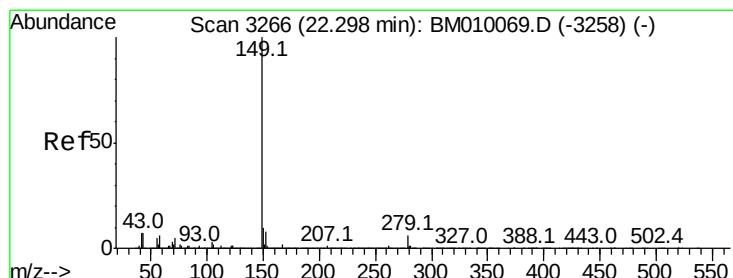
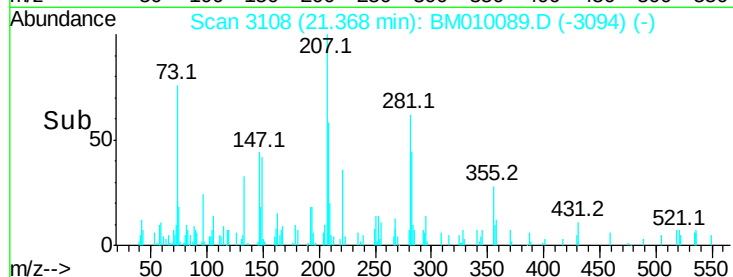
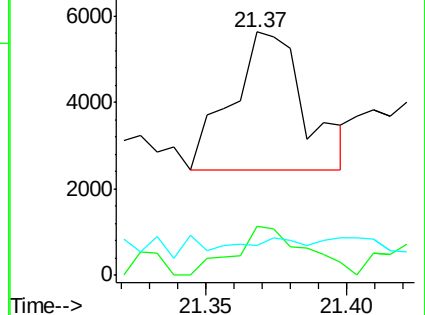
279 12.4 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.06 ng

RT: 22.26 min Scan# 3259

Delta R.T. -0.04 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

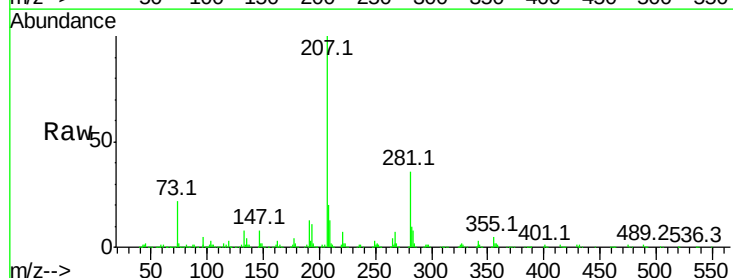
Tgt Ion:149 Resp: 1732

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

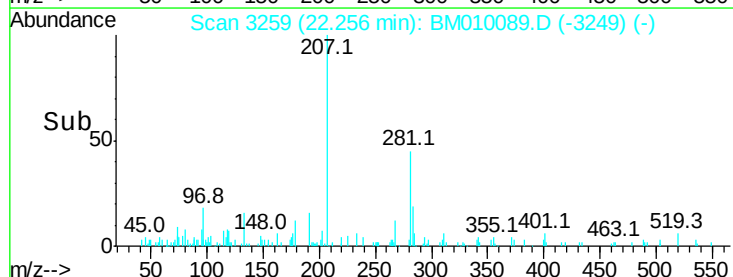
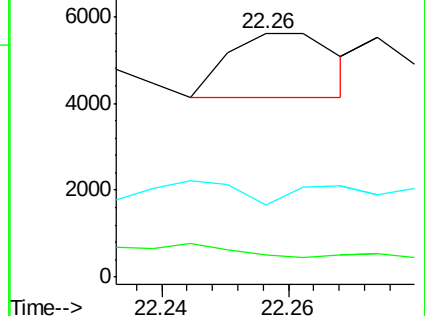
43 21.7 7.3 10.9#

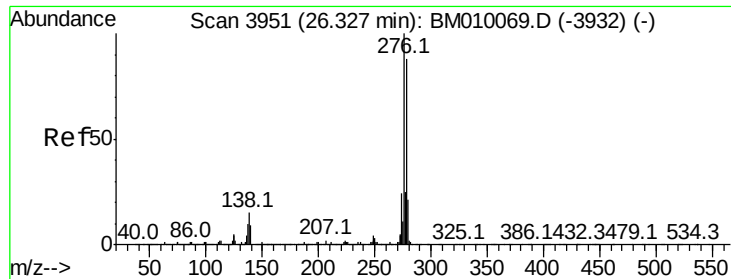


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

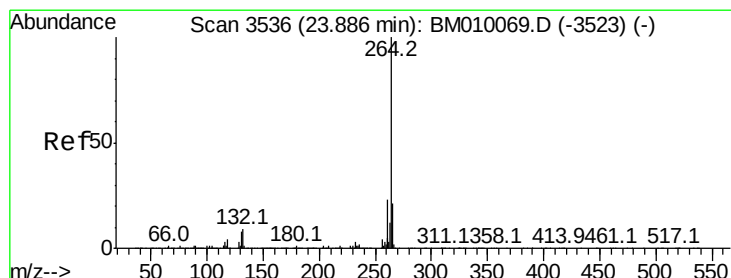
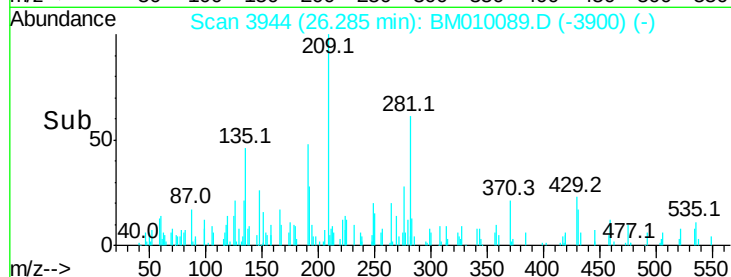
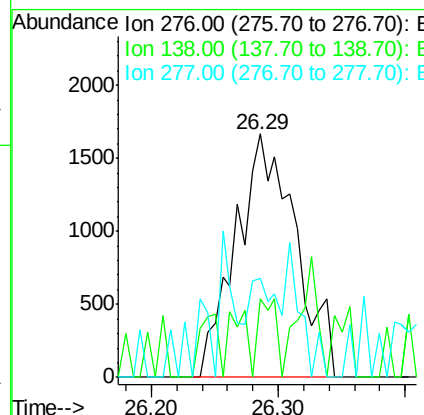
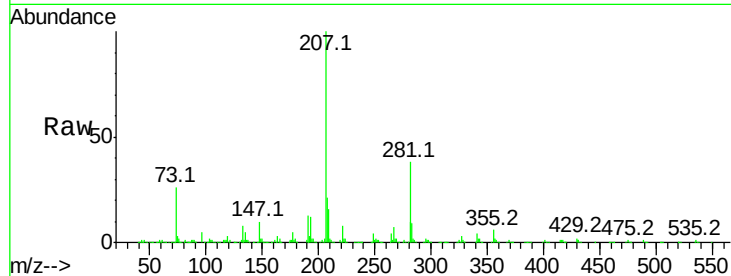




#85
Indeno(1,2,3-cd)pyrene
Concen: 0.12 ng
RT: 26.29 min Scan# 3944
Delta R.T. -0.04 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

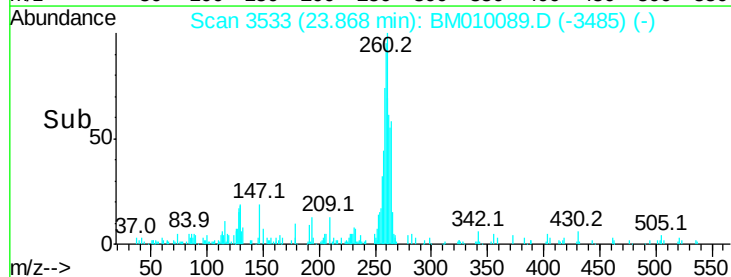
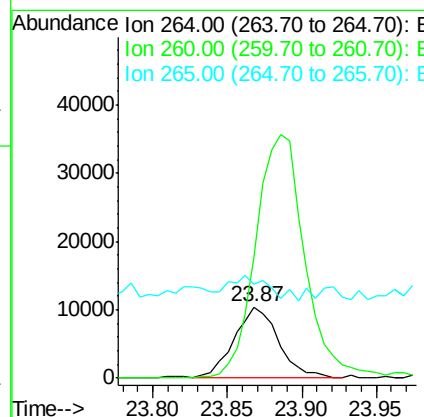
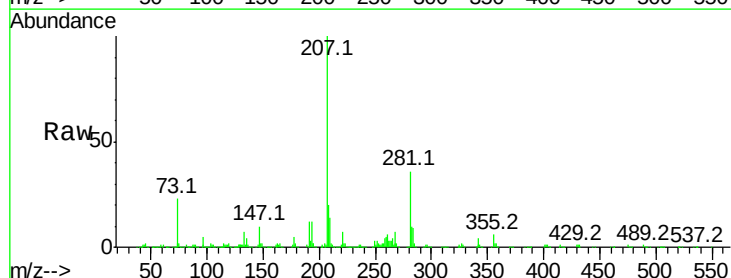
Instrument :
BNA_M
ClientSampled :

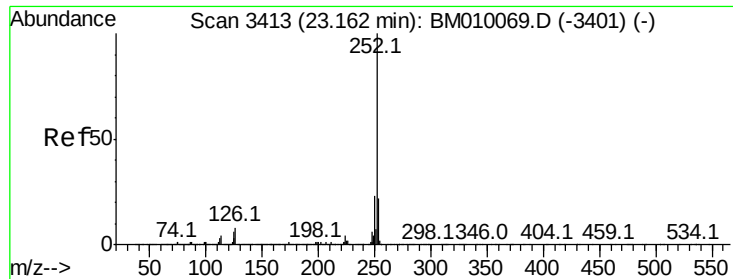
Tot Ion:276 Resp: 5418
Ion Ratio Lower Upper
276 100
138 9.9 0.0 0.0#
277 5.1 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.87 min Scan# 3533
Delta R.T. -0.02 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion:264 Resp: 21574
Ion Ratio Lower Upper
264 100
260 171.1 18.6 27.8#
265 132.0 17.3 25.9#

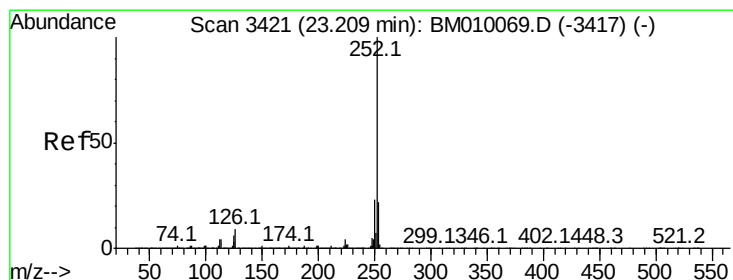
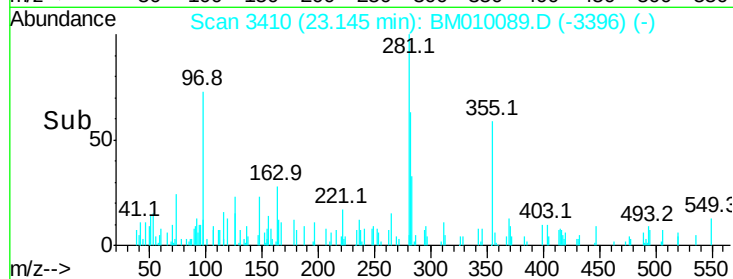
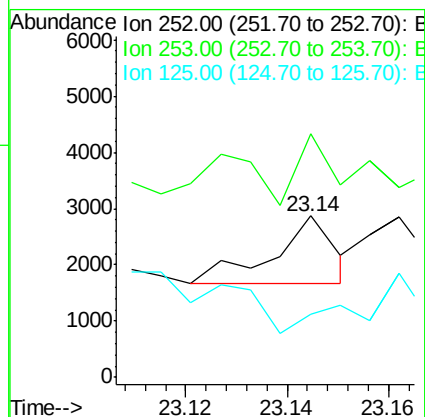
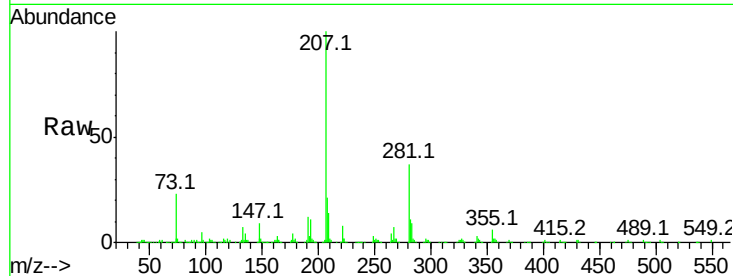




#87
Benzo(b)fluoranthene
Concen: 0.80 ng
RT: 23.14 min Scan# 3410
Delta R.T. -0.02 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

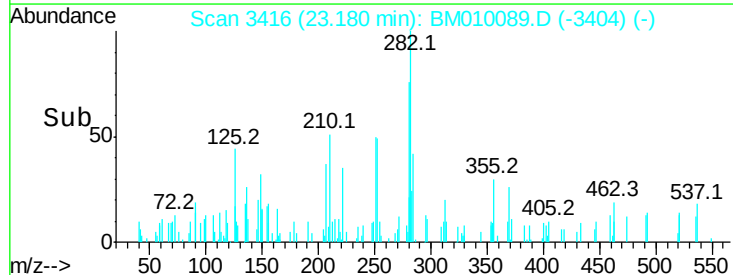
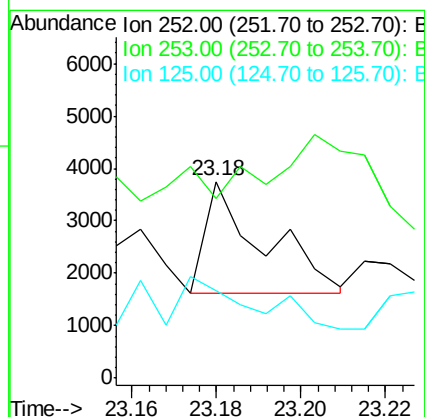
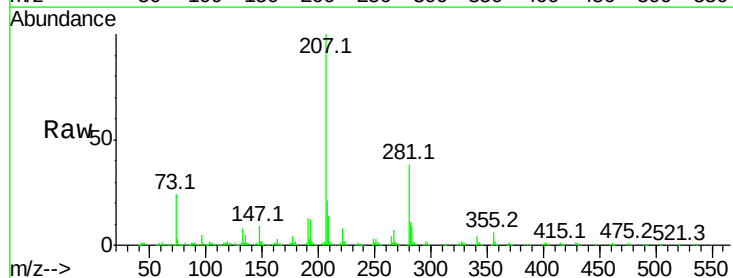
Instrument :
BNA_M
ClientSampleId :

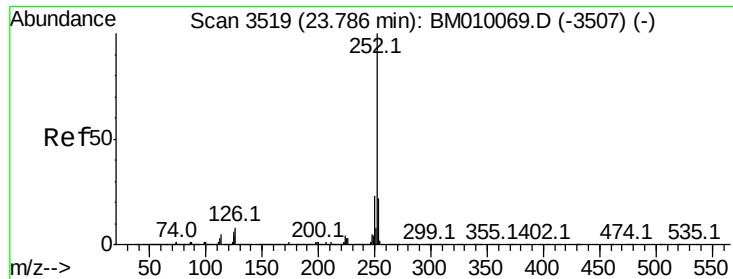
Tot Ion:252 Resp: 1012
Ion Ratio Lower Upper
252 100
253 150.9 18.0 27.0#
125 39.4 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 1.63 ng
RT: 23.18 min Scan# 3416
Delta R.T. -0.03 min
Lab File: BM010089.D
Acq: 20 May 2017 03:13

Tgt Ion:252 Resp: 2022
Ion Ratio Lower Upper
252 100
253 91.3 17.2 25.8#
125 44.2 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 3.15 ng

RT: 23.76 min Scan# 3515

Delta R.T. -0.02 min

Lab File: BM010089.D

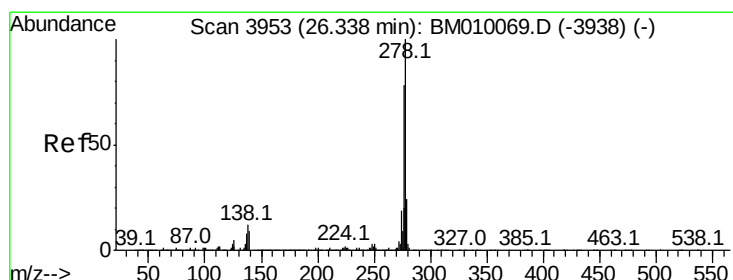
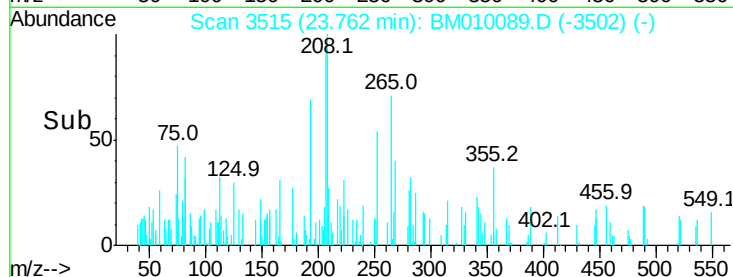
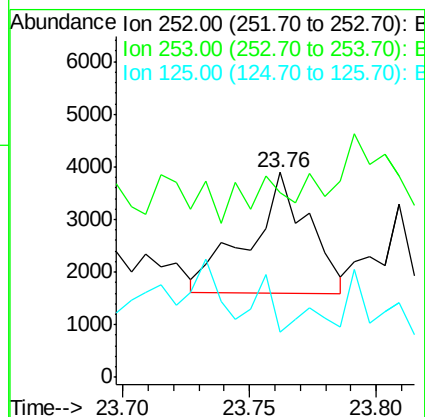
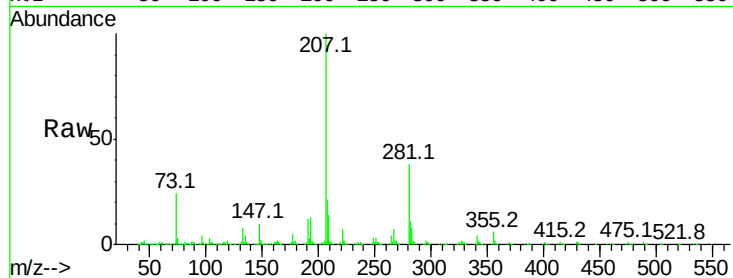
Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	3787
Ion	Ratio	Lower	Upper
252	100		
253	90.2	17.6	26.4#
125	22.3	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.55 ng

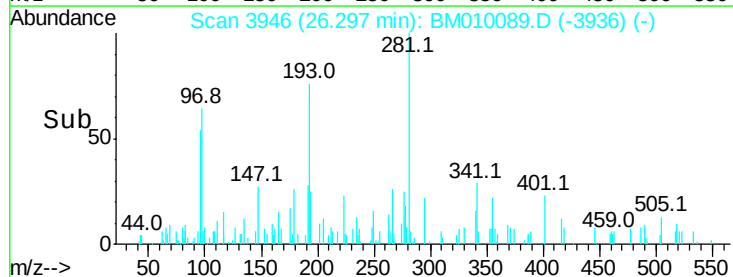
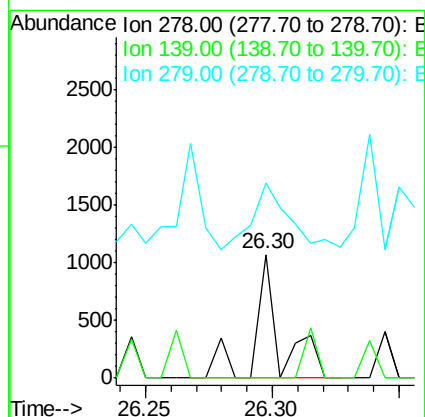
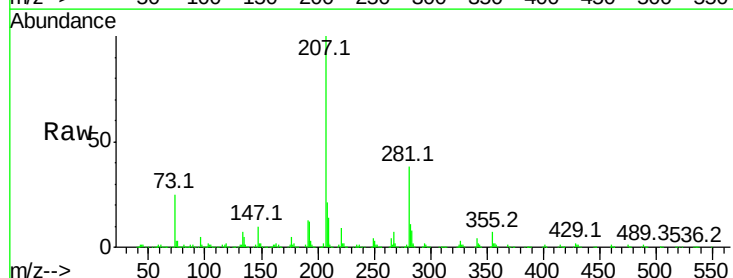
RT: 26.30 min Scan# 3946

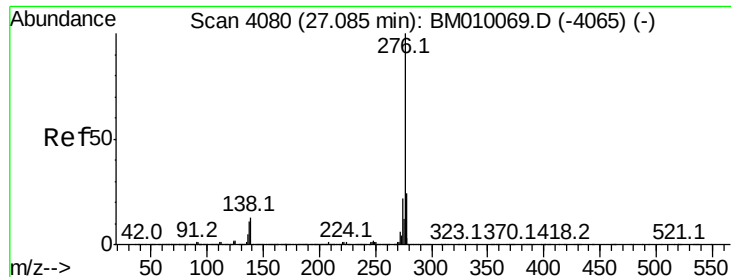
Delta R.T. -0.04 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Tgt Ion:	278	Resp:	740
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	157.4	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 3.23 ng

RT: 27.04 min Scan# 4073

Delta R.T. -0.04 min

Lab File: BM010089.D

Acq: 20 May 2017 03:13

Instrument :

BNA_M

ClientSampleId :

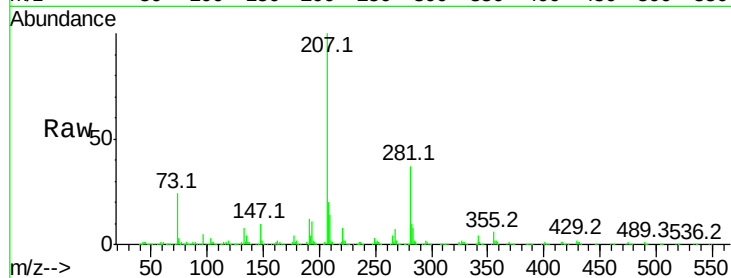
Tot Ion: 276 Resp: 4260

Ion Ratio Lower Upper

276 100

277 48.1 18.5 27.7#

138 65.0 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

