

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052617\
 Data File : BM010254.D
 Acq On : 26 May 2017 13:23
 Operator : SJ/MA
 Sample : I3331-19RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: May 26 23:29:43 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.94	152	110850	20.00	ng	-0.04
21) Naphthalene-d8	10.75	136	358030	20.00	ng	-0.04
38) Acenaphthene-d10	14.57	164	111688	20.00	ng	-0.04
63) Phenanthrene-d10	17.32	188	442814	20.00	ng	-0.04
75) Chrysene-d12	21.48	240	288694	20.00	ng	-0.03
86) Perylene-d12	23.84	264	26863	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	778999	126.91	ng	-0.04
7) Phenol-d6	7.13	99	561442	71.08	ng	-0.04
23) Nitrobenzene-d5	9.13	82	701910	105.77	ng	-0.04
41) 2,4,6-Tribromophenol	16.06	330	476844	281.11	ng	-0.04
44) 2-Fluorobiphenyl	13.19	172	1719350	197.90	ng	-0.04
78) Terphenyl-d14	19.92	244	2442730	192.39	ng	-0.03

Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3215	1.14	ng	# 100
3) Pyridine	3.85	79	586	0.08	ng	# 1
4) n-Nitrosodimethylamine	3.77	42	674	0.25	ng	# 1
9) Benzaldehyde	7.12	77	4322	0.88	ng	# 17
10) Phenol	7.17	94	1062	0.13	ng	# 88
15) Benzyl Alcohol	8.26	79	16028	2.68	ng	# 35
16) 2,2'-oxybis(1-Chloropropan	8.47	45	361	0.06	ng	# 66
22) Acetophenone	8.79	105	931	0.10	ng	# 52
24) Nitrobenzene	9.12	77	3997	0.58	ng	# 48
25) Isophorone	9.67	82	324	0.03	ng	# 62
31) Naphthalene	10.80	128	24845	1.30	ng	# 98
32) Benzoic acid	10.07	122	177	0.05	ng	# 29
37) 2-Methylnaphthalene	12.40	142	4033	0.29	ng	# 88
45) 1,1'-Biphenyl	13.40	154	3005	0.33	ng	# 71
49) Dimethylphthalate	14.05	163	940	0.09	ng	# 77
51) Acenaphthene	14.64	154	1348	0.20	ng	# 97
54) Dibenzofuran	14.97	168	1646	0.15	ng	# 80
55) 4-Nitrophenol	14.97	139	777	0.55	ng	# 18
56) 2,4-Dinitrotoluene	14.98	165	125	0.05	ng	# 11
57) Fluorene	15.62	166	2231	0.24	ng	# 92
59) Diethylphthalate	15.39	149	1287	0.14	ng	# 58
62) Azobenzene	15.92	77	127	0.02	ng	# 50
65) n-Nitrosodiphenylamine	15.81	169	286	0.02	ng	# 24
70) Phenanthrene	17.36	178	4860	0.20	ng	# 90
71) Anthracene	17.46	178	739	0.03	ng	# 61
72) Carbazole	17.74	167	256	0.01	ng	# 59
73) Di-n-butylphthalate	18.25	149	3657	0.14	ng	# 88
74) Fluoranthene	19.37	202	2615	0.08	ng	# 66
77) Pyrene	19.73	202	1176	0.08	ng	# 46
79) Butylbenzylphthalate	20.62	149	395	0.07	ng	# 84
80) Benzo(a)anthracene	21.48	228	3355	0.21	ng	# 63
81) 3,3'-Dichlorobenzidine	21.43	252	198	0.03	ng	# 67
82) Chrysene	21.52	228	5327	0.35	ng	# 68
83) Bis(2-ethylhexyl)phthalate	21.34	149	2262	0.26	ng	# 70

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QLast Update : Sat May 20 04:25:49 2017
Response via : Initial Calibration

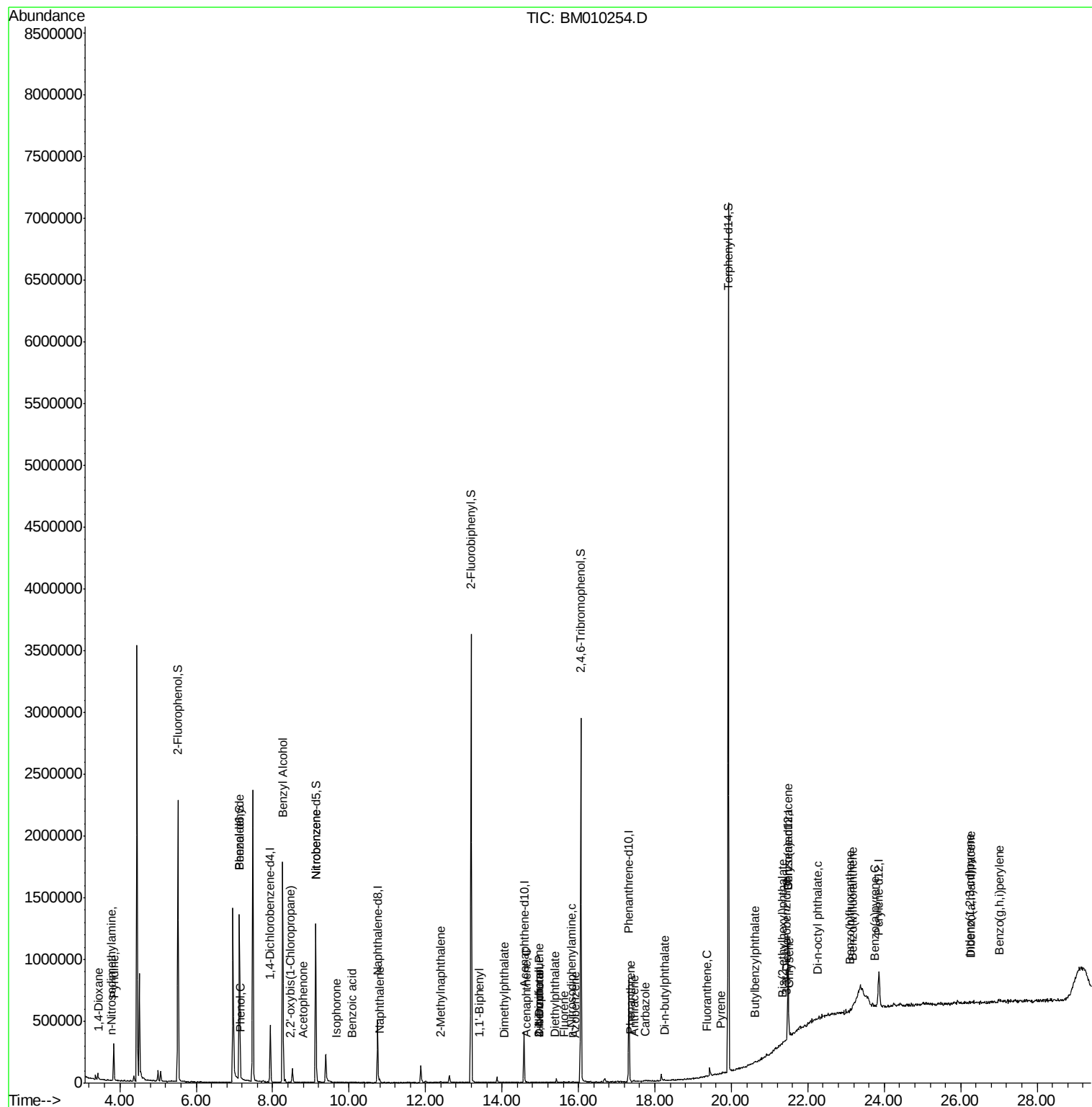
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.26	149	865	0.06	nq	# 48
85) Indeno(1,2,3-cd)pyrene	26.25	276	2009	0.09	nq	# 100
87) Benzo(b)fluoranthene	23.11	252	2515	1.60	nq	# 2
88) Benzo(k)fluoranthene	23.17	252	3861	2.51	nq	# 1
89) Benzo(a)pyrene	23.75	252	443	0.30	nq	# 1
90) Dibenzo(a,h)anthracene	26.26	278	2602	1.55	nq	# 43
91) Benzo(q,h,i)perylene	27.02	276	726	0.44	nq	# 34

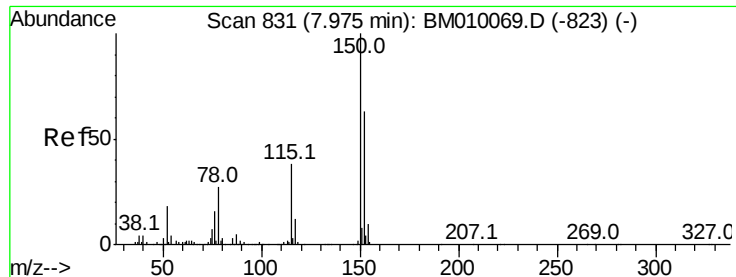
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.94 min Scan# 825

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

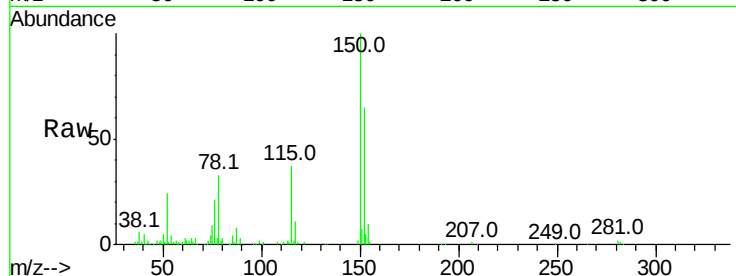
Tot Ion:152 Resp: 110850

Ion Ratio Lower Upper

152 100

150 152.9 119.5 179.3

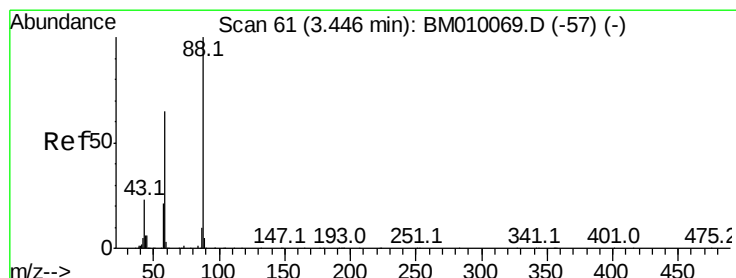
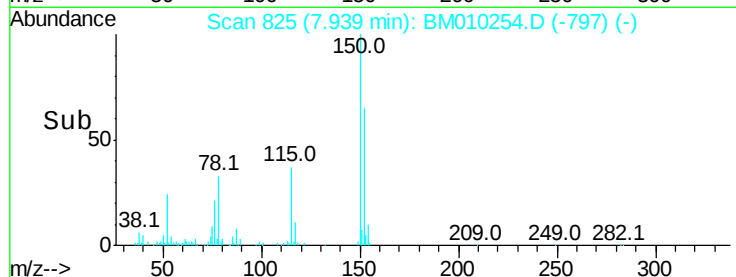
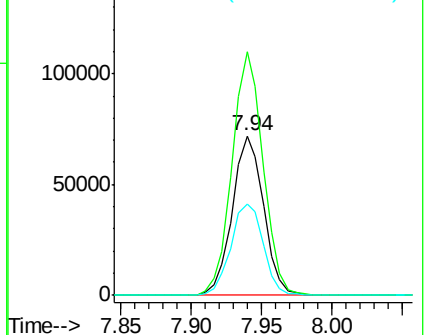
115 57.3 43.0 64.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 1.14 ng

RT: 3.44 min Scan# 60

Delta R.T. -0.01 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

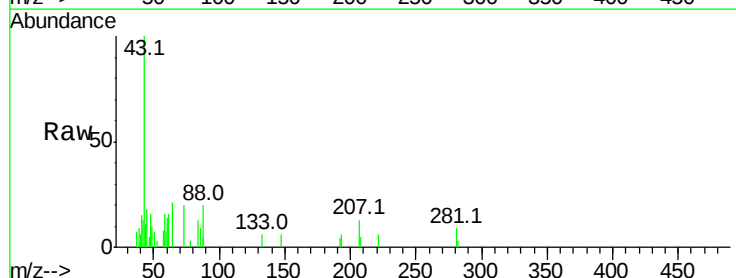
Tgt Ion: 88 Resp: 3215

Ion Ratio Lower Upper

88 100

58 92.9 0.0 0.0#

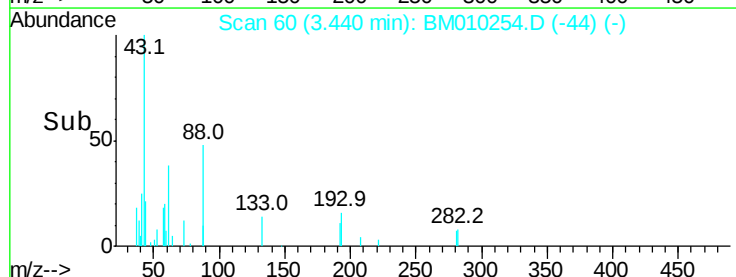
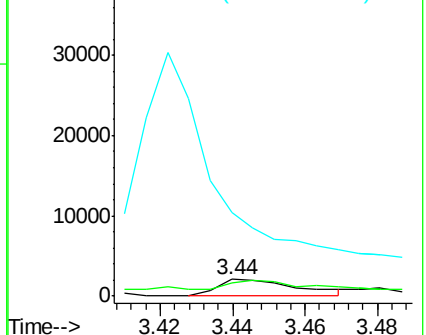
43 0.0 0.0 0.0

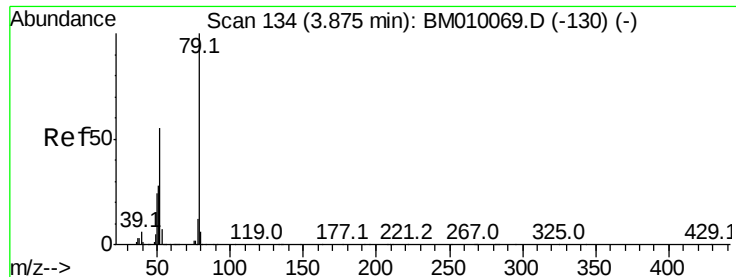


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.08 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.03 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

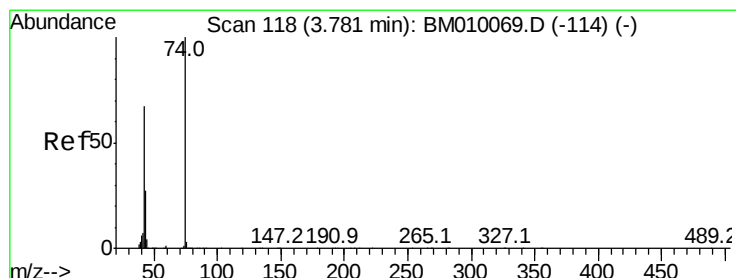
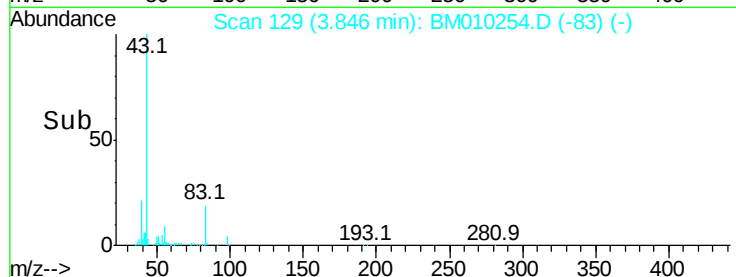
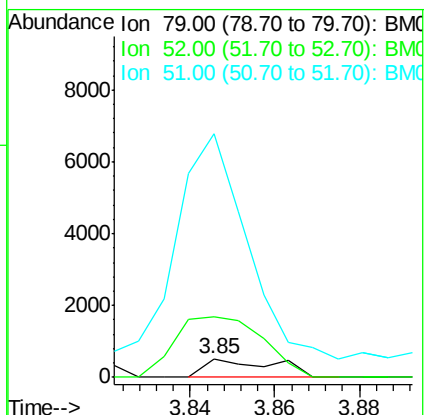
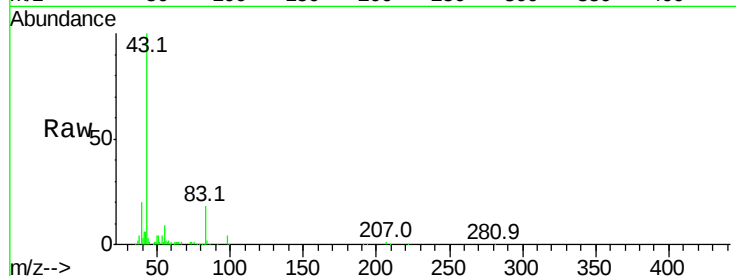
Tot Ion: 79 Resp: 586

Ion Ratio Lower Upper

79 100

52 322.1 51.1 76.7#

51 1293.3 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 0.25 ng

RT: 3.77 min Scan# 116

Delta R.T. -0.01 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

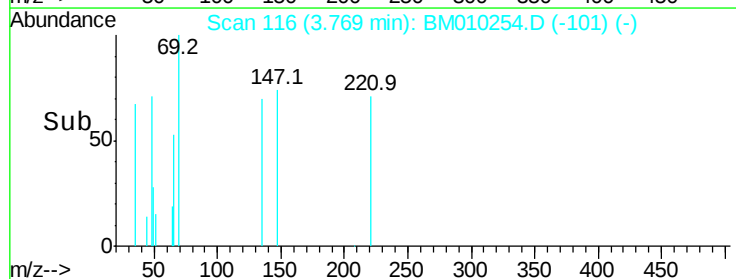
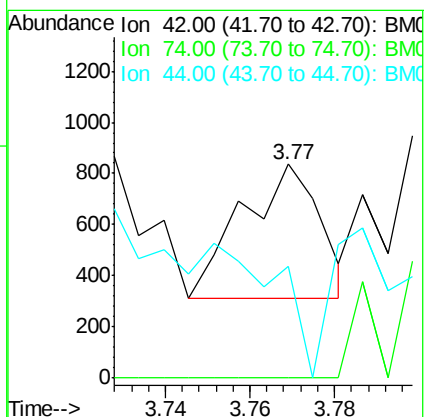
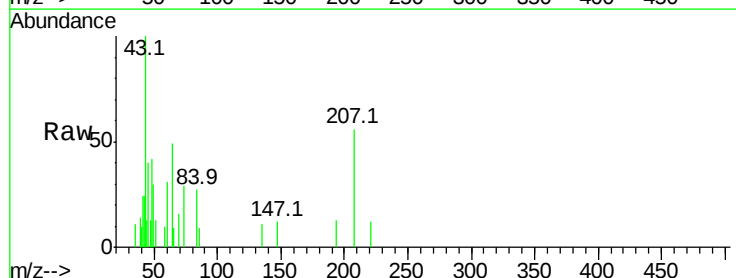
Tgt Ion: 42 Resp: 674

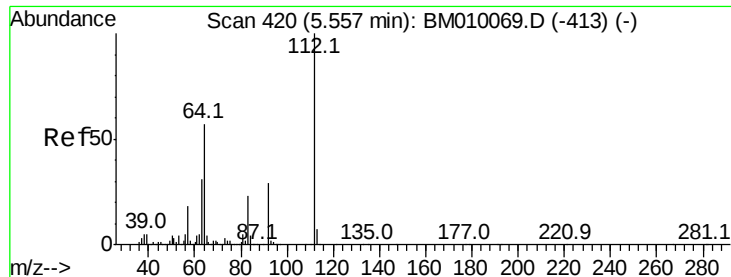
Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

44 52.6 5.4 8.2#





#5

2-Fluorophenol

Concen: 126.91 ng

RT: 5.52 min Scan# 414

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

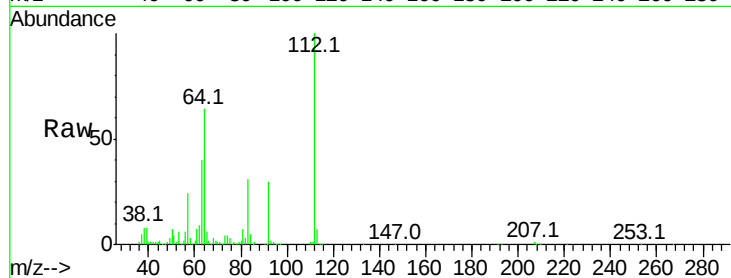
Tot Ion:112 Resp: 778999

Ion Ratio Lower Upper

112 100

64 64.5 38.6 57.8#

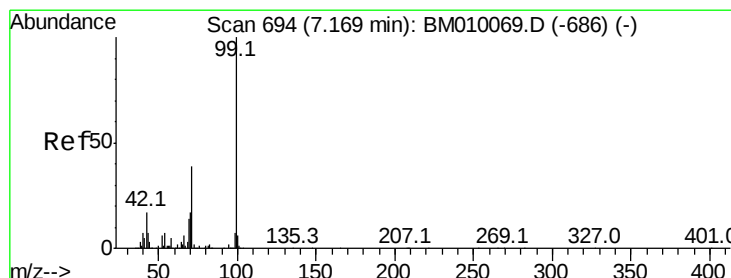
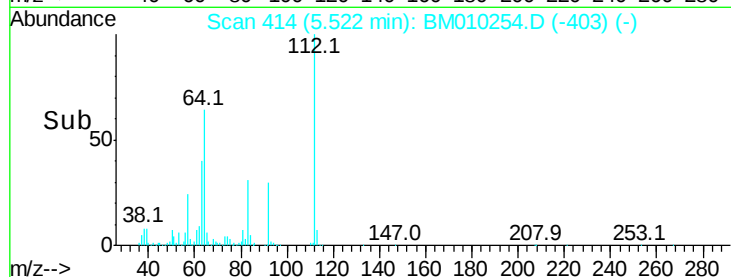
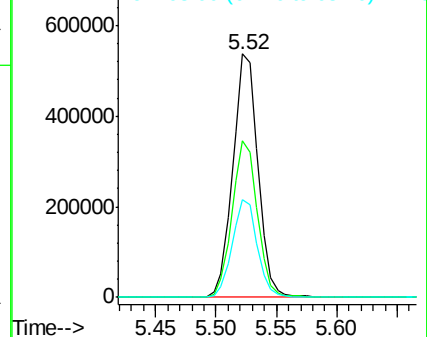
63 40.3 19.3 28.9#



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: 71.08 ng

RT: 7.13 min Scan# 687

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

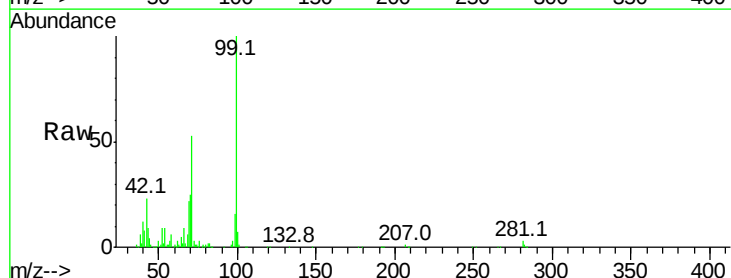
Tgt Ion: 99 Resp: 561442

Ion Ratio Lower Upper

99 100

42 23.5 11.0 16.4#

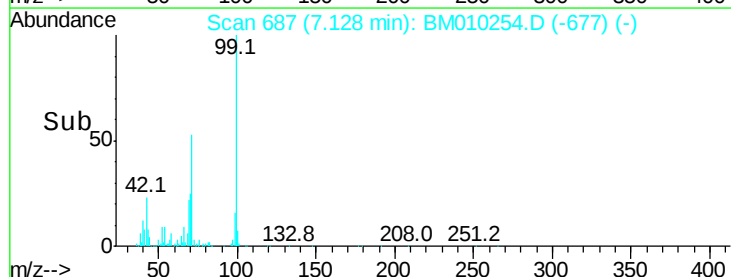
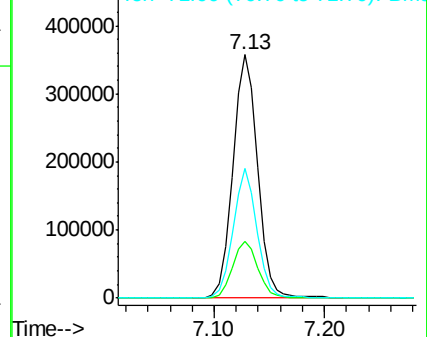
71 53.1 23.4 35.2#

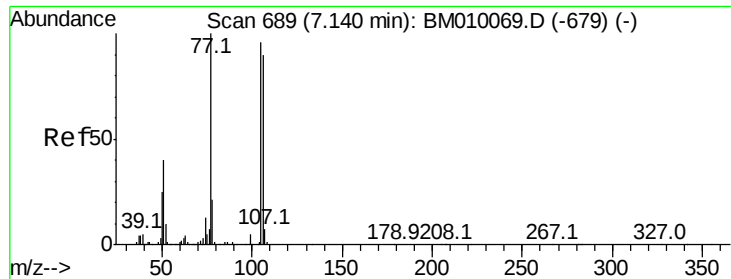


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B

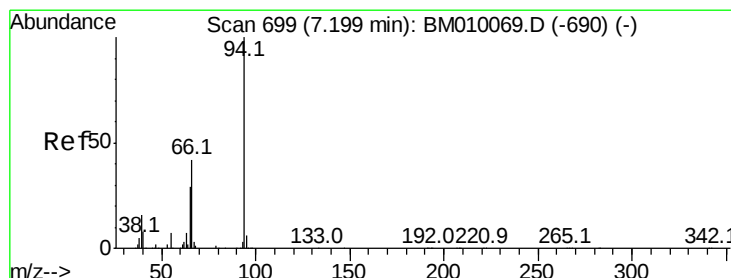
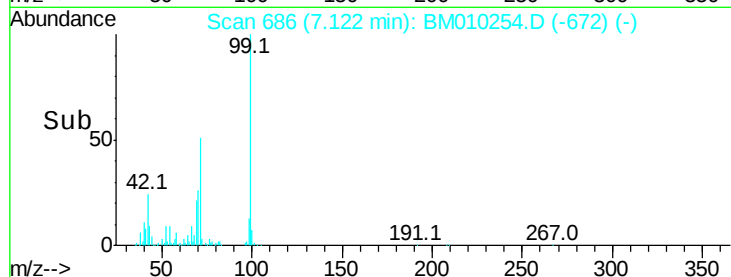
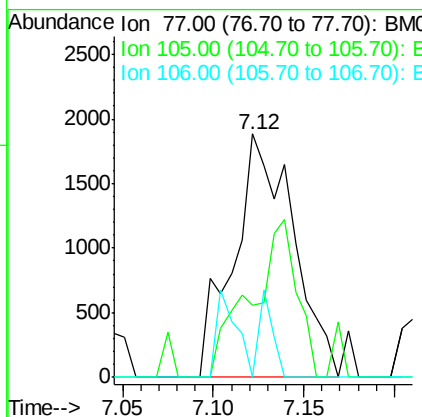
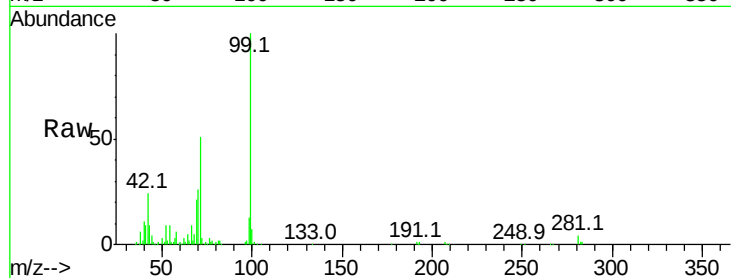




#9
Benzaldehydve
Concen: 0.88 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.02 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

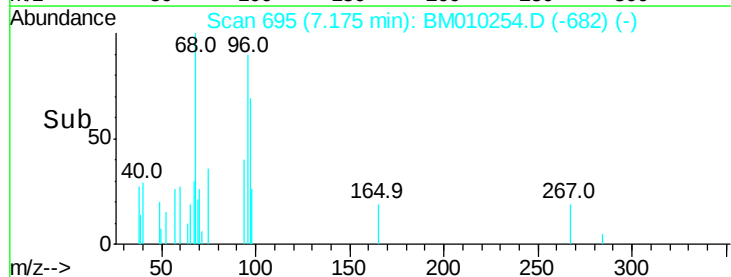
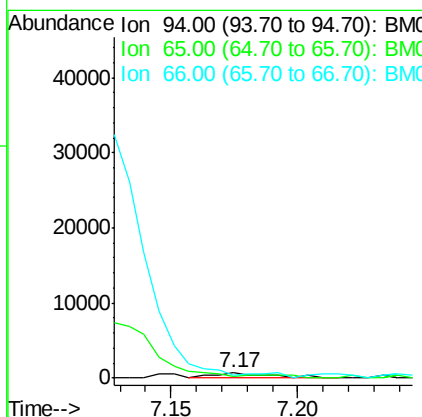
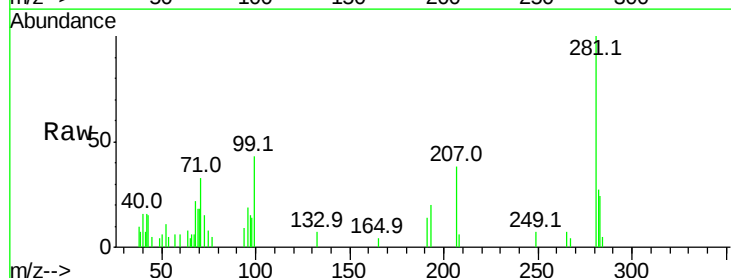
Instrument :
BNA_M
ClientSampled :

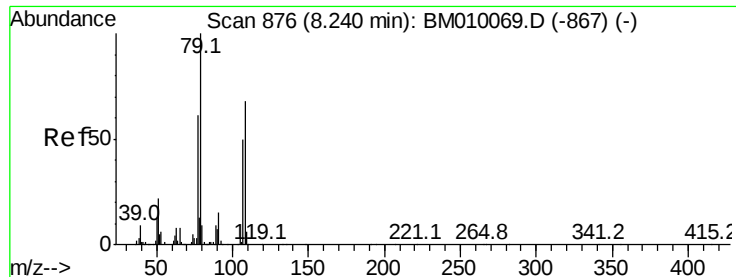
Tot Ion: 77 Resp: 4322
Ion Ratio Lower Upper
77 100
105 29.7 78.8 118.8#
106 0.0 73.7 113.7#



#10
Phenol
Concen: 0.13 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion: 94 Resp: 1062
Ion Ratio Lower Upper
94 100
65 47.2 18.8 58.8
66 67.7 39.9 79.9





#15

Benzyl Alcohol

Concen: 2.68 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.02 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

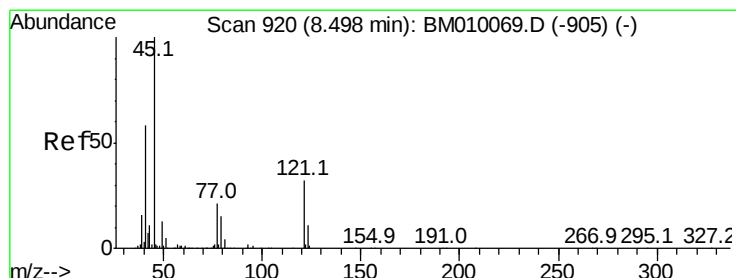
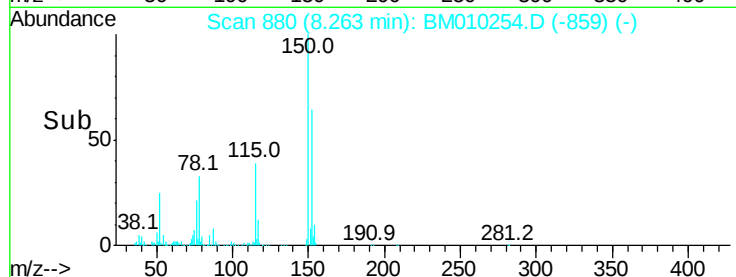
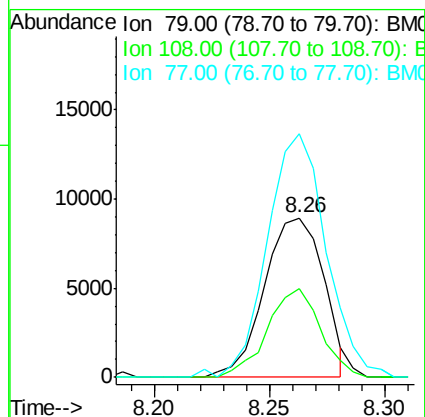
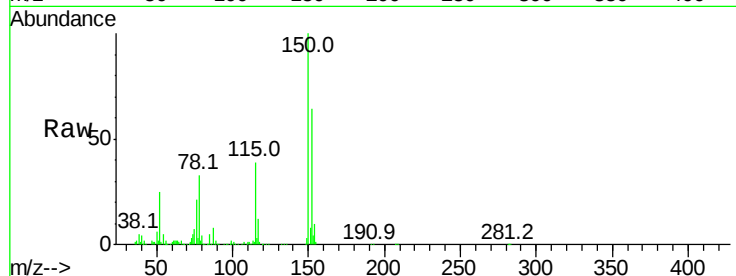
Tot Ion: 79 Resp: 16028

Ion Ratio Lower Upper

79 100

108 55.4 65.0 97.4#

77 152.7 53.0 79.6#



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.06 ng

RT: 8.47 min Scan# 916

Delta R.T. -0.02 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

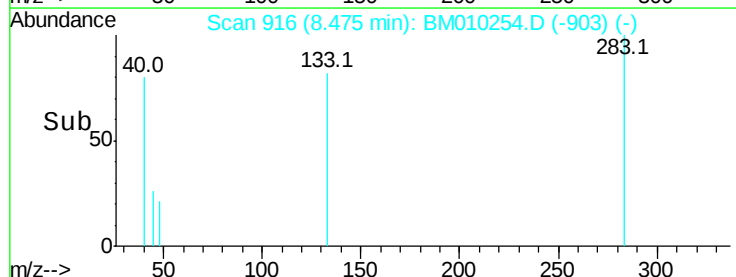
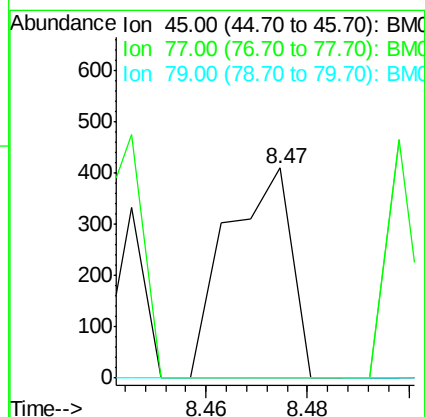
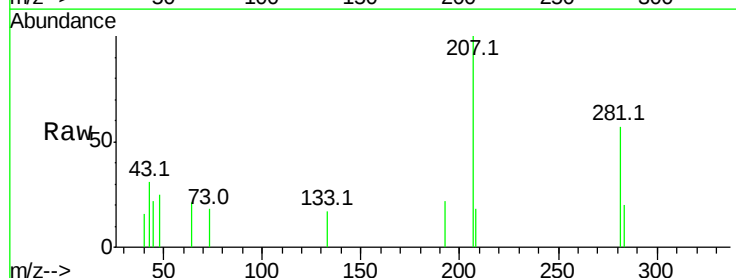
Tgt Ion: 45 Resp: 361

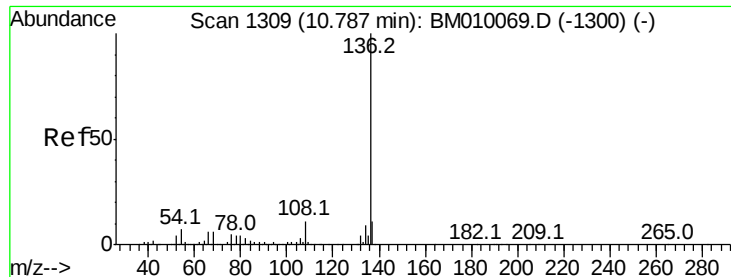
Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

79 0.0 0.0 32.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.75 min Scan# 1302

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 358030

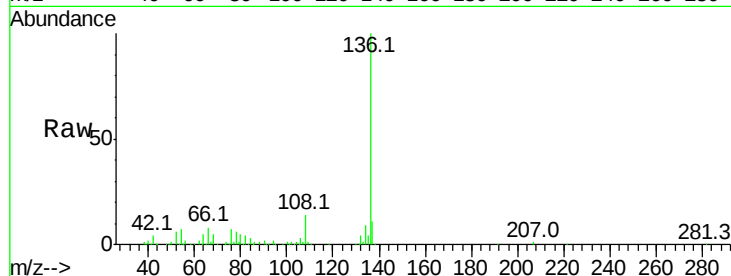
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.0 4.6 6.8#

68 4.5 3.7 5.5

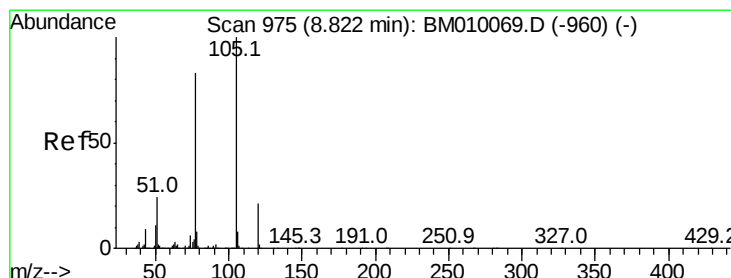
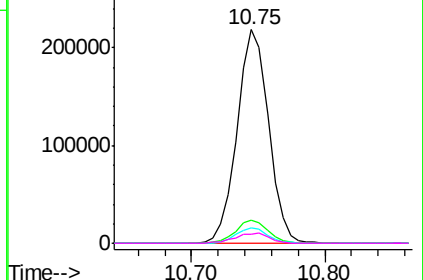
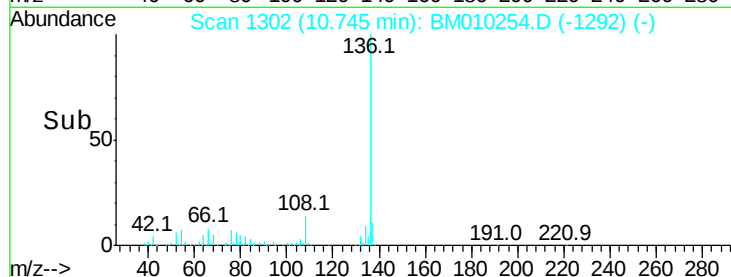


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 0.10 ng

RT: 8.79 min Scan# 969

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion:105 Resp: 931

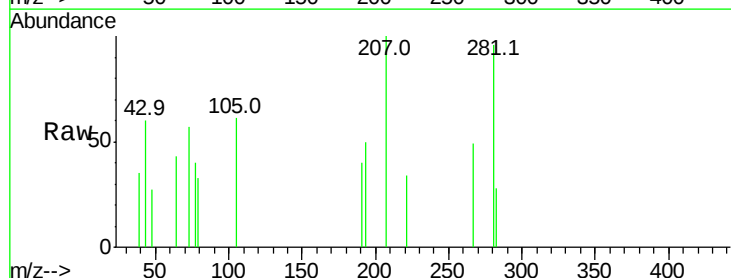
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 0.0 21.6 32.4#

120 0.0 16.1 24.1#

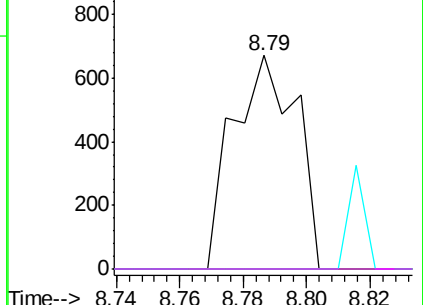
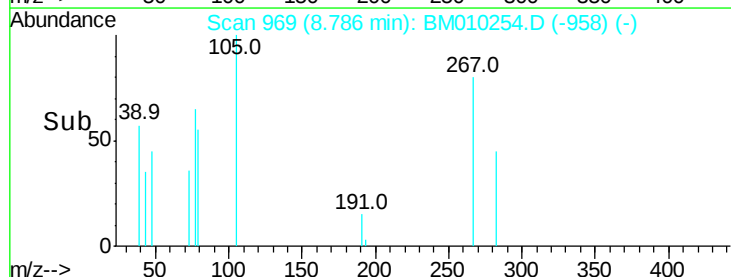


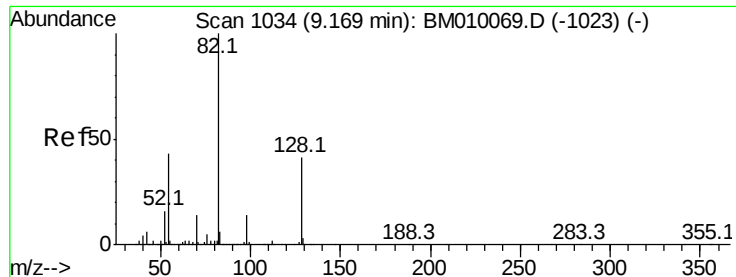
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

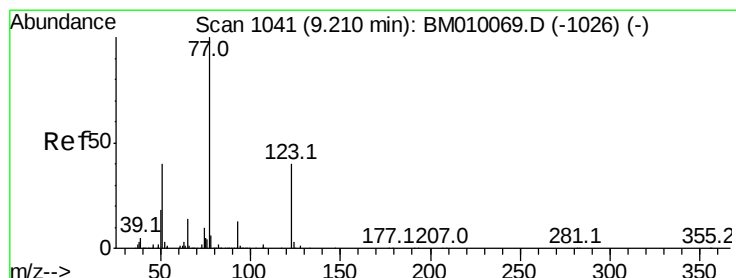
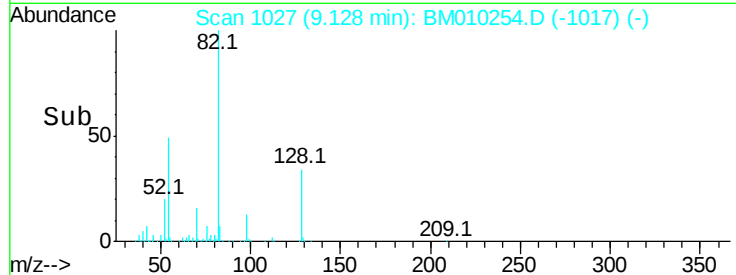
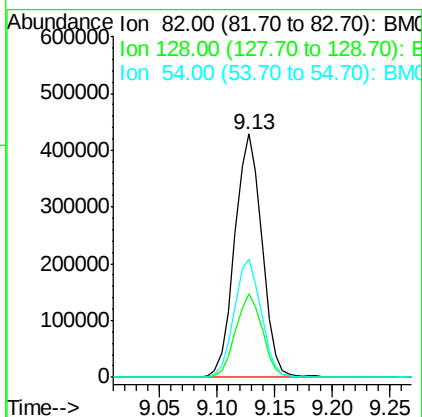
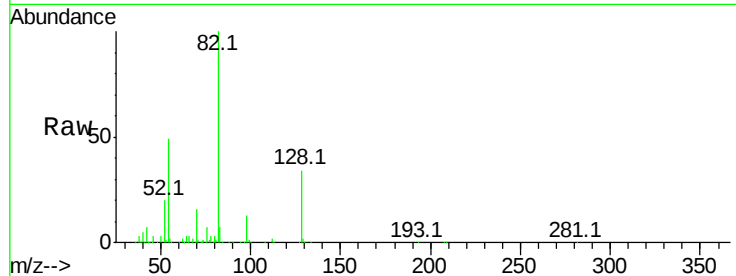




#23
Nitrobenzene-d5
Concen: 105.77 ng
RT: 9.13 min Scan# 1027
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

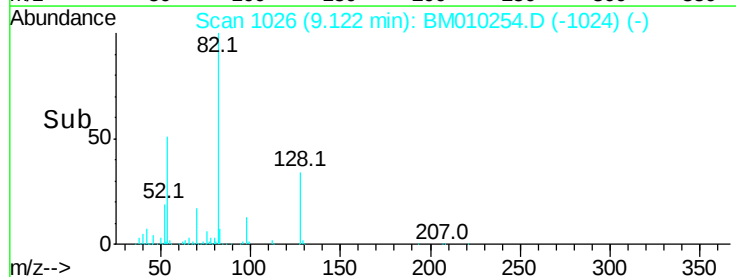
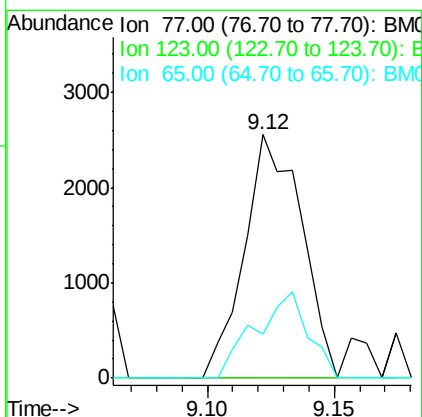
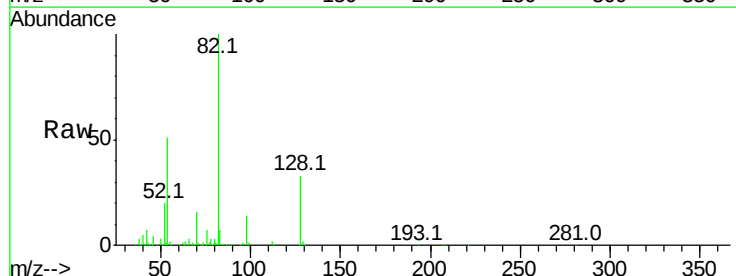
Instrument :
BNA_M
ClientSampled :

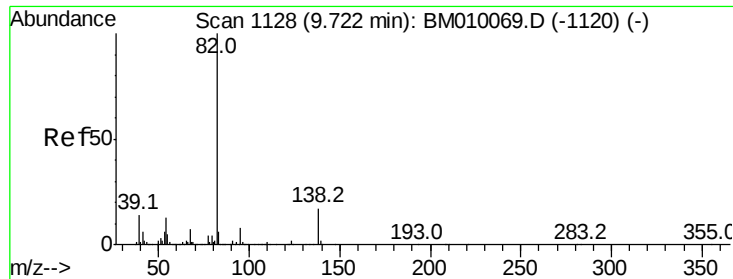
Tot Ion	82	Resp	701910
Ion Ratio	100	Lower	Upper
128	34.5	32.8	49.2
54	48.8	40.6	60.8



#24
Nitrobenzene
Concen: 0.58 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.09 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	77	Resp	3997
Ion Ratio	100	Lower	Upper
123	0.0	32.6	49.0#
65	18.3	10.9	16.3#





#25

Isophorone

Concen: 0.03 ng

RT: 9.67 min Scan# 1119

Delta R.T. -0.05 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

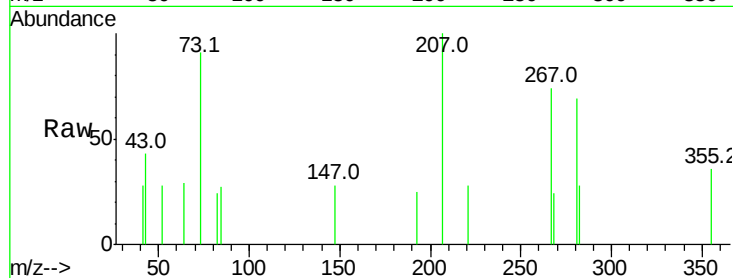
Tot Ion: 82 Resp: 324

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) (-)

9.67

300

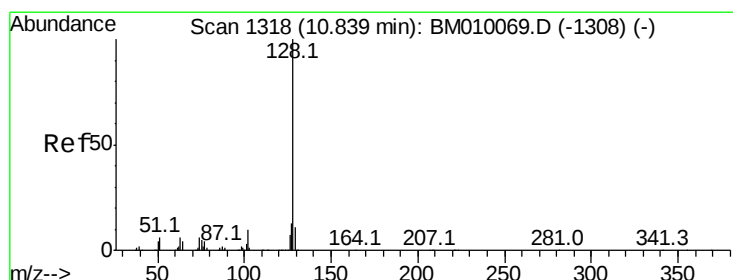
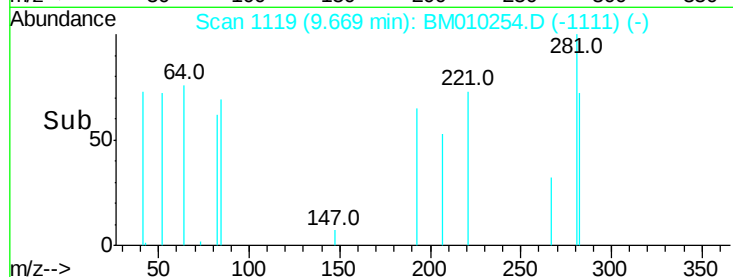
200

100

0

9.64 9.66 9.68 9.70

Time-->



#31

Naphthalene

Concen: 1.30 ng

RT: 10.80 min Scan# 1311

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

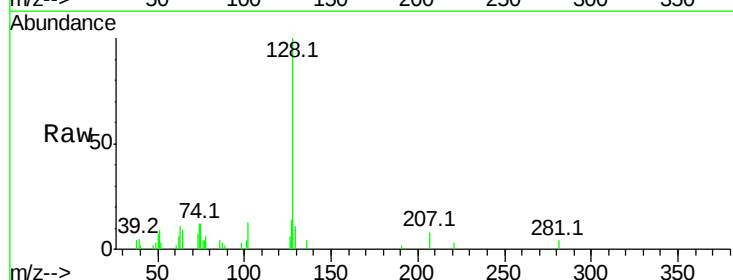
Tgt Ion: 128 Resp: 24845

Ion Ratio Lower Upper

128 100

129 11.1 8.9 13.3

127 14.2 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) (-)

10.80

15000

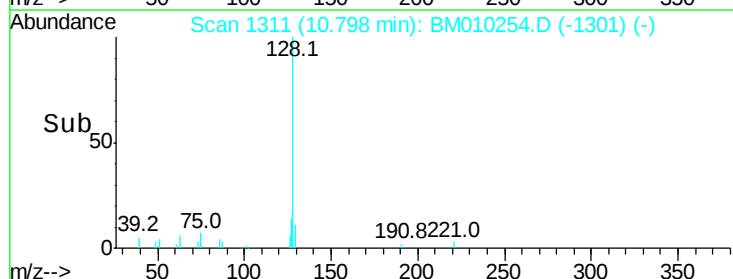
10000

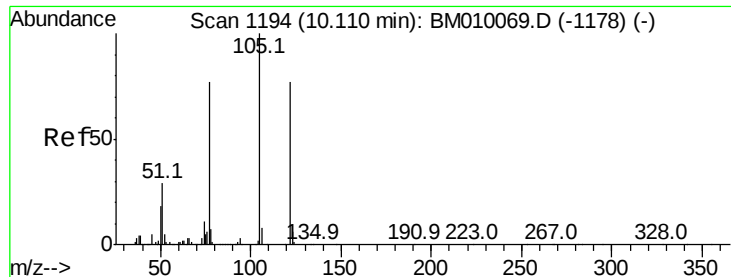
5000

0

10.75 10.80 10.85

Time-->





#32

Benzoic acid

Concen: 0.05 ng

RT: 10.07 min Scan# 1188

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

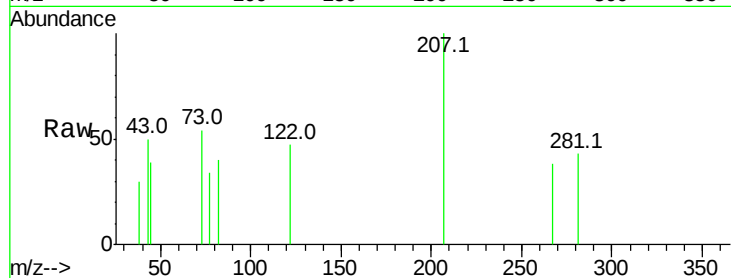
Tot Ion:122 Resp: 177

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

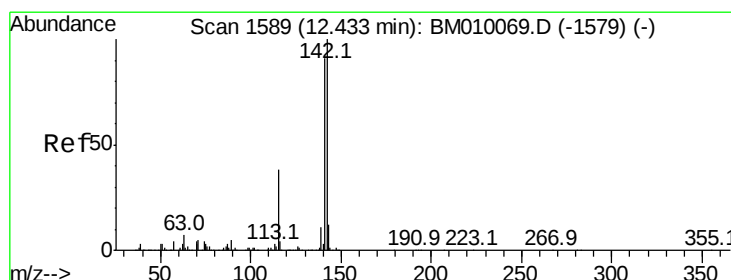
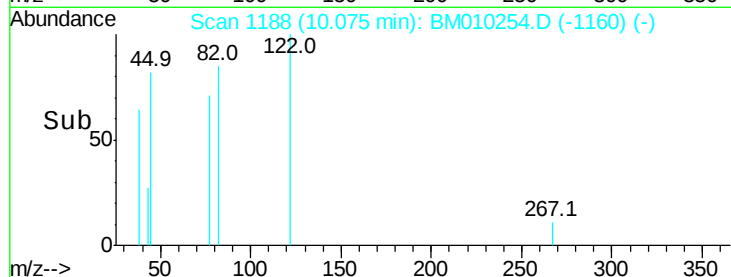
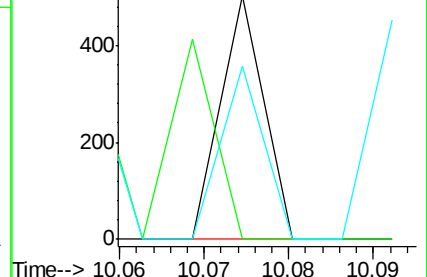
77 71.3 73.7 113.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#37

2-Methylnaphthalene

Concen: 0.29 ng

RT: 12.40 min Scan# 1583

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

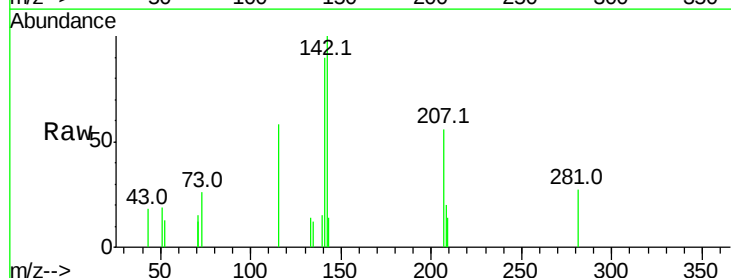
Tgt Ion:142 Resp: 4033

Ion Ratio Lower Upper

142 100

141 90.1 71.9 107.9

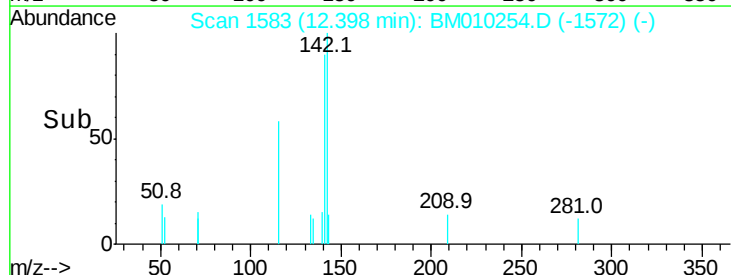
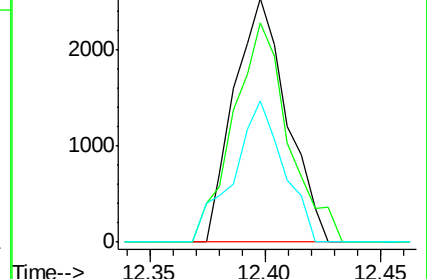
115 58.0 25.4 38.0#

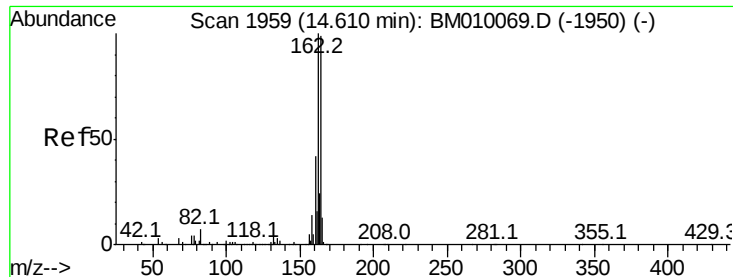


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.57 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

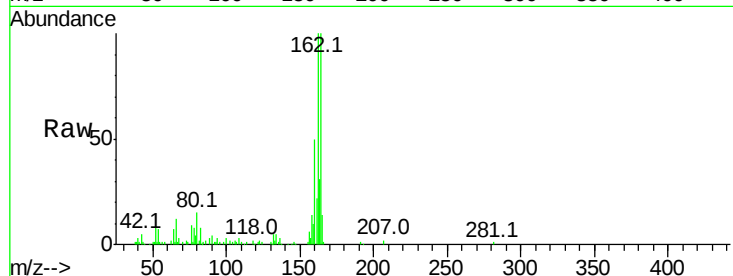
Tot Ion:164 Resp: 111688

Ion Ratio Lower Upper

164 100

162 100.4 82.4 123.6

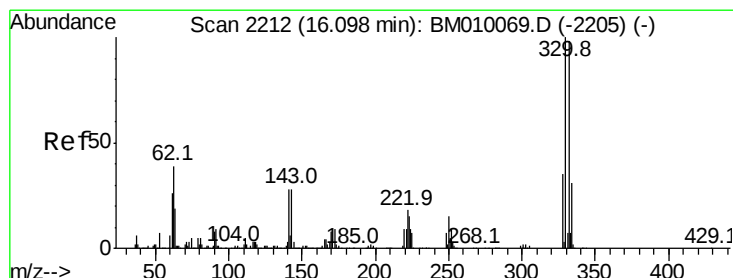
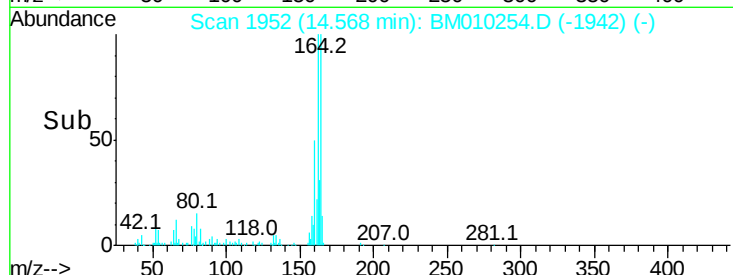
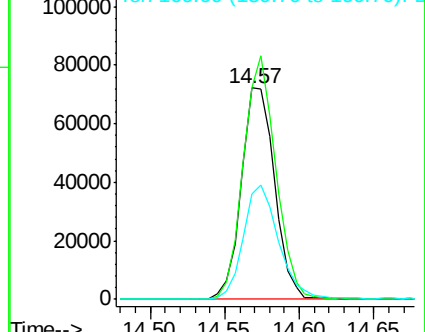
160 49.9 35.8 53.6



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: 281.11 ng

RT: 16.06 min Scan# 2206

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

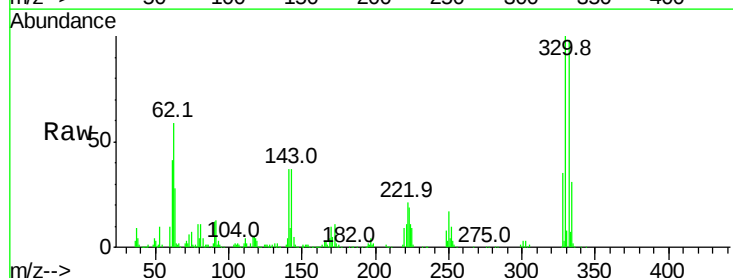
Tgt Ion:330 Resp: 476844

Ion Ratio Lower Upper

330 100

332 95.9 0.0 0.0#

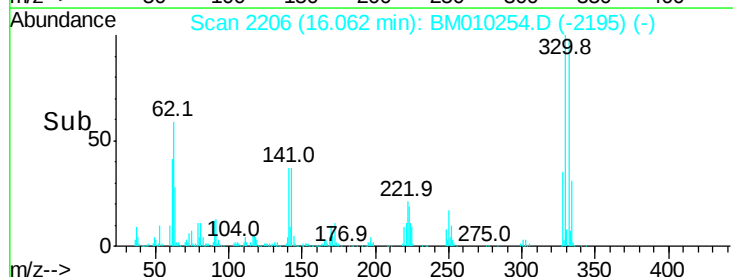
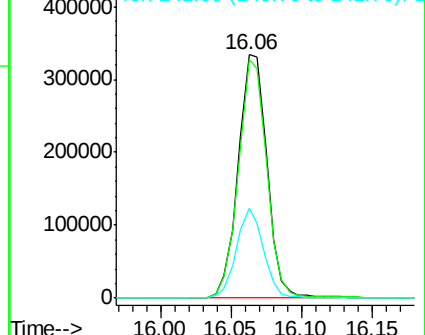
141 34.8 0.0 0.0#

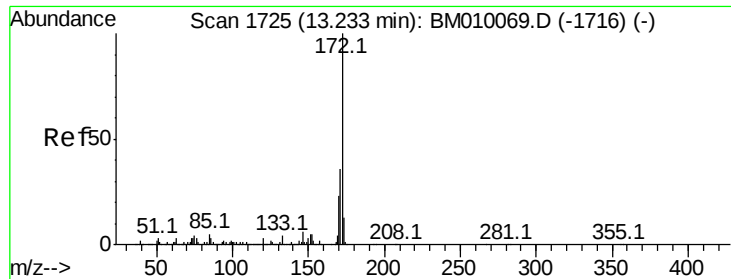


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

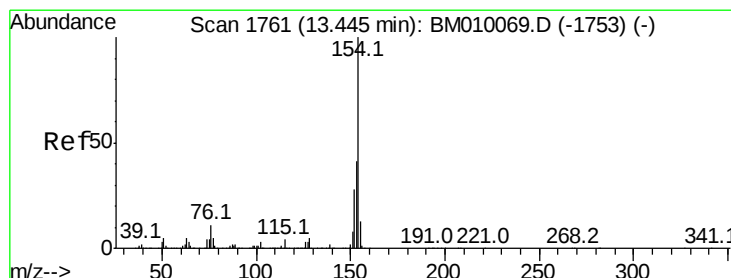
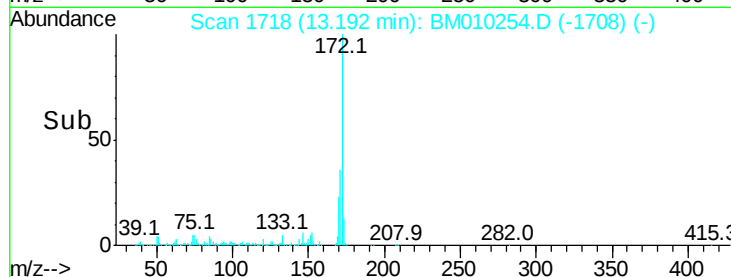
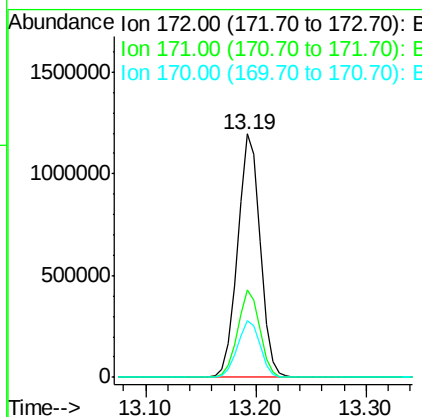
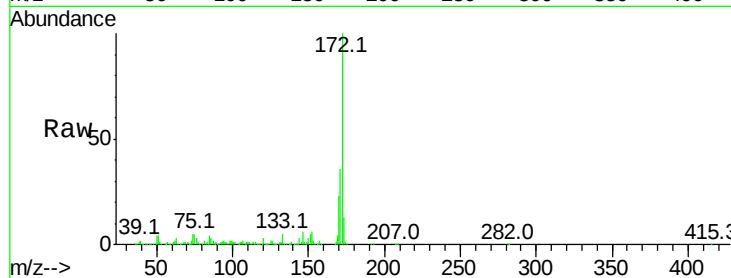




#44
2-Fluorobiphenyl
Concen: 197.90 ng
RT: 13.19 min Scan# 1718
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

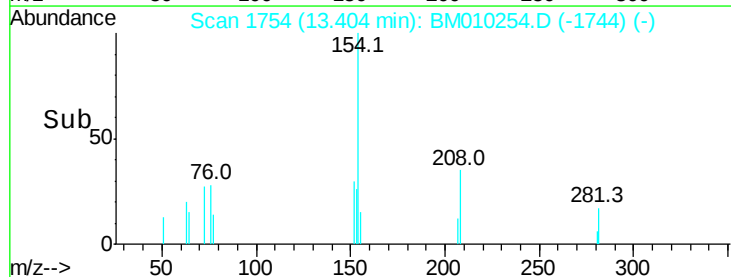
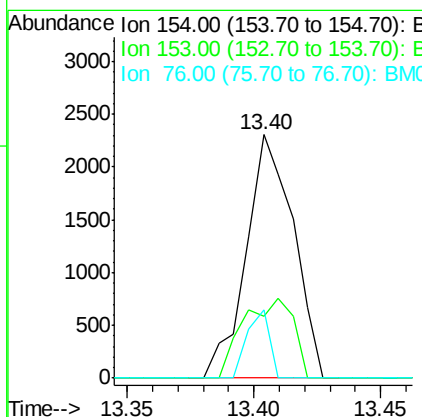
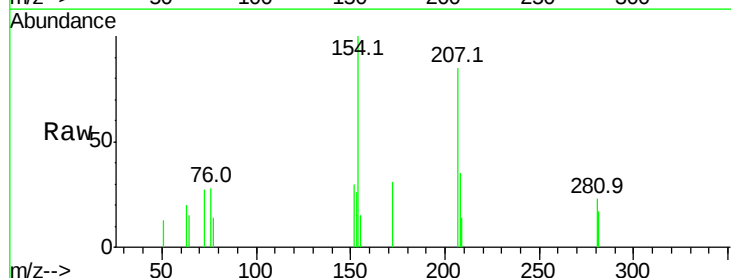
Instrument :
BNA_M
ClientSampleId :

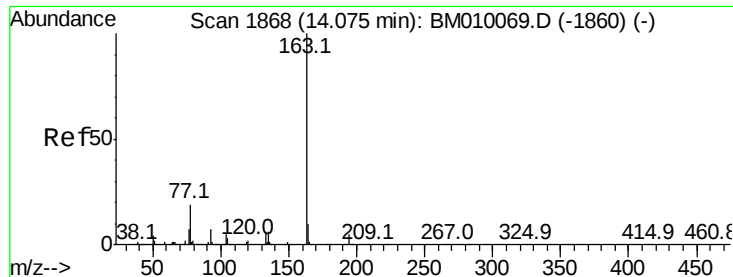
Tot Ion:172 Resp: 1719350
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.1 18.8 28.2



#45
1,1'-Biphenyl
Concen: 0.33 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion:154 Resp: 3005
Ion Ratio Lower Upper
154 100
153 25.6 20.7 60.7
76 28.1 0.0 30.9





#49

Dimethylphthalate

Concen: 0.09 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.02 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

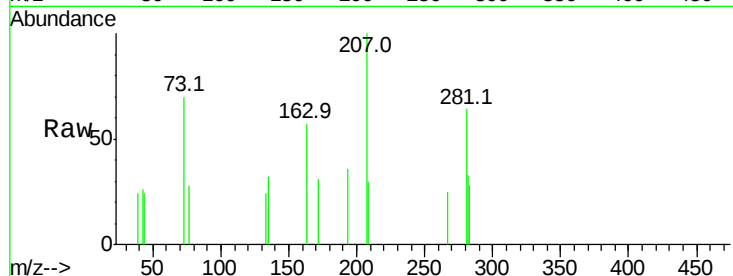
Tot Ion:163 Resp: 940

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

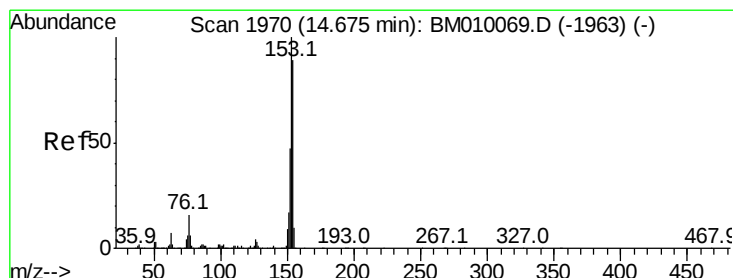
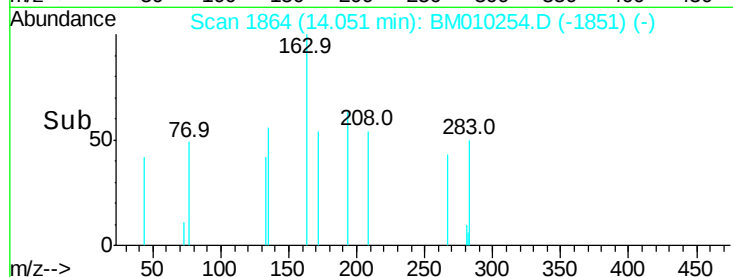
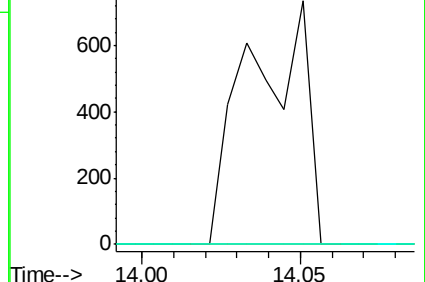
164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 0.20 ng

RT: 14.64 min Scan# 1964

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

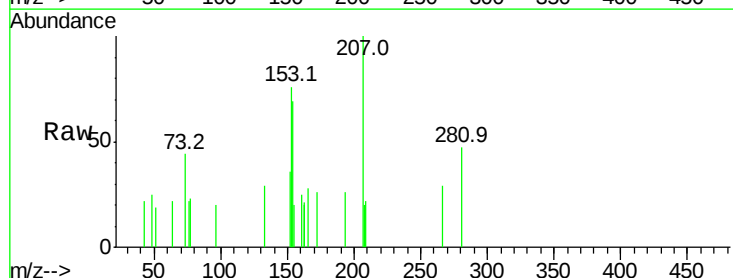
Tgt Ion:154 Resp: 1348

Ion Ratio Lower Upper

154 100

153 109.1 90.0 135.0

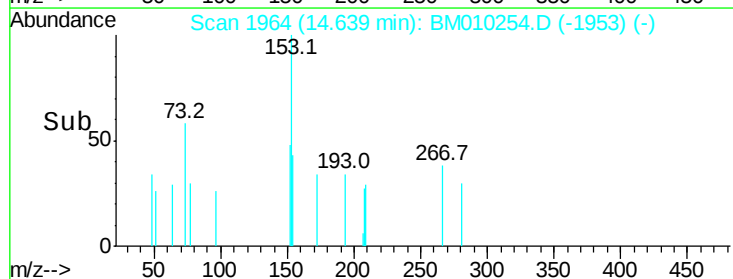
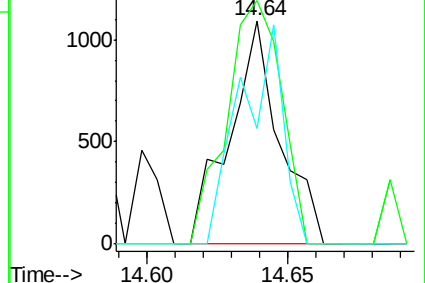
152 51.8 42.6 63.8

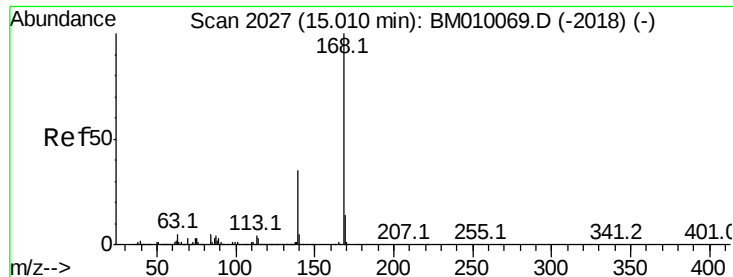


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.15 ng

RT: 14.97 min Scan# 2020

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

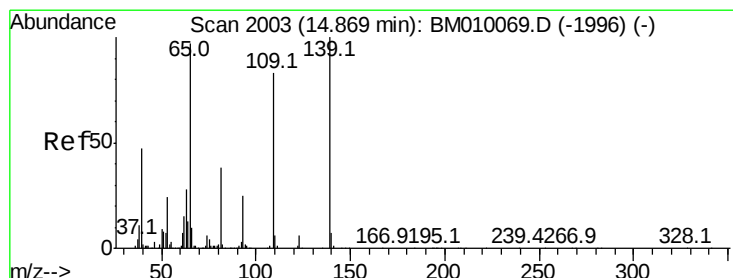
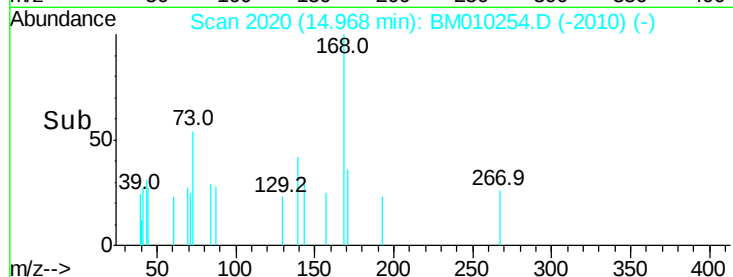
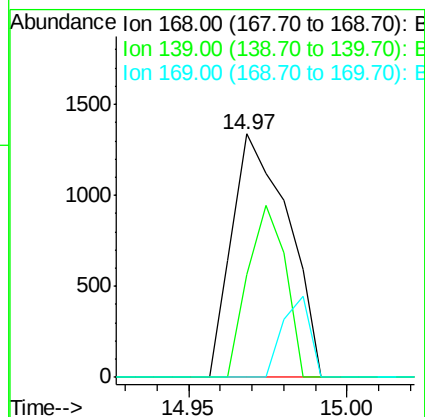
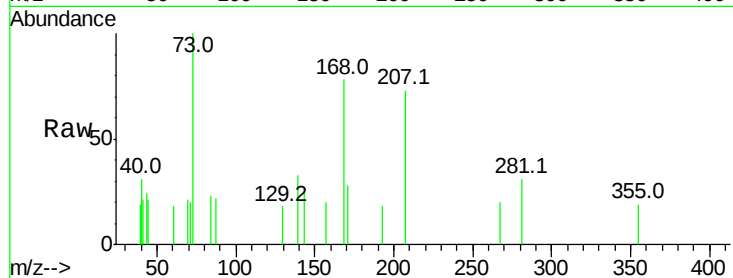
Tot Ion:168 Resp: 1646

Ion Ratio Lower Upper

168 100

139 42.5 27.3 40.9#

169 0.0 10.6 16.0#



#55

4-Nitrophenol

Concen: 0.55 ng

RT: 14.97 min Scan# 2021

Delta R.T. 0.11 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

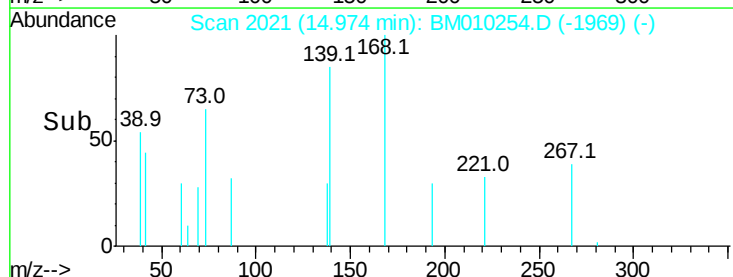
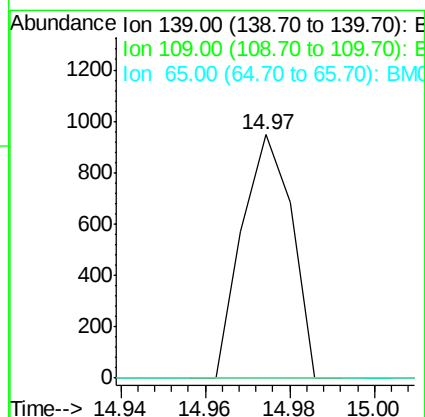
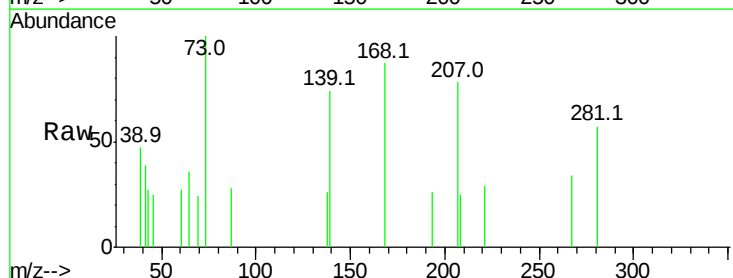
Tgt Ion:139 Resp: 777

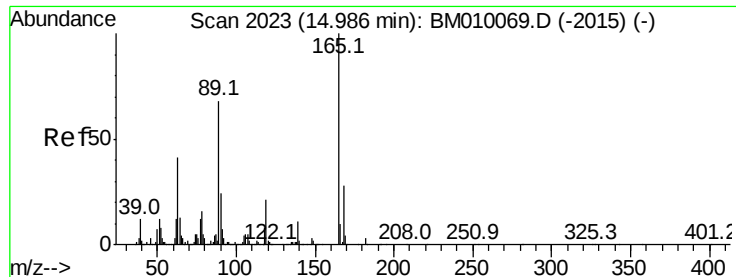
Ion Ratio Lower Upper

139 100

109 0.0 37.7 77.7#

65 0.0 49.9 89.9#

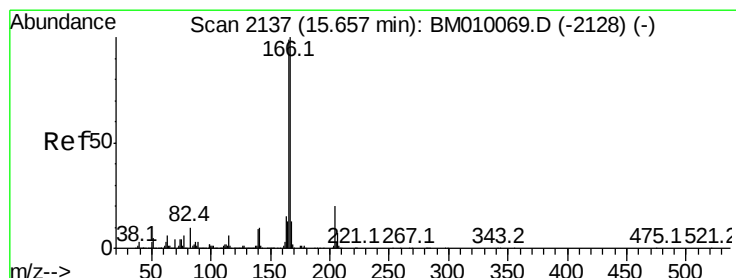
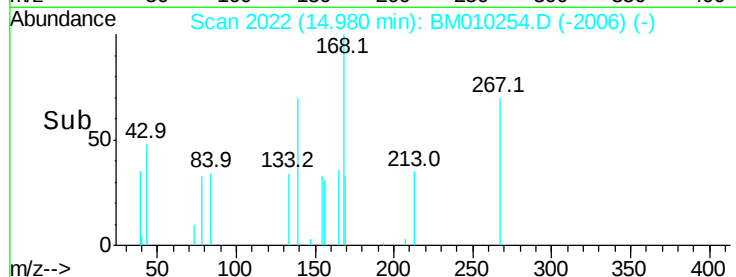
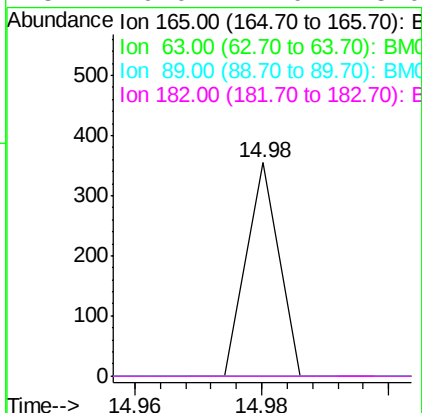
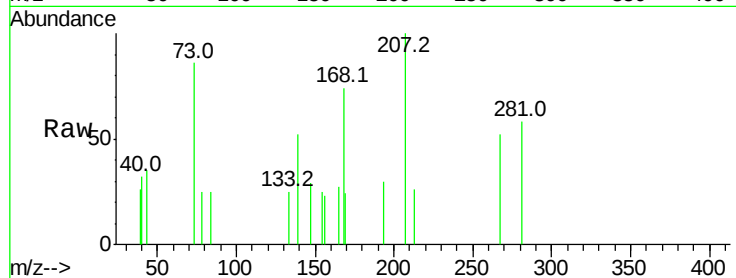




#56
2,4-Dinitrotoluene
Concen: 0.05 ng
RT: 14.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

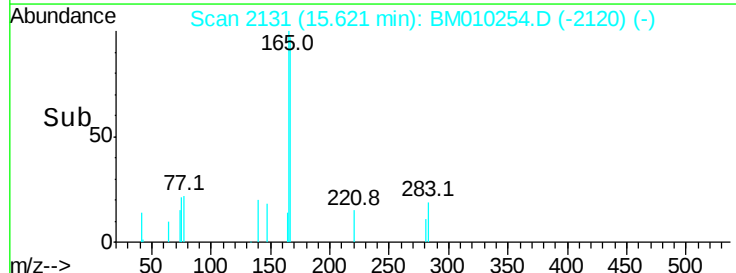
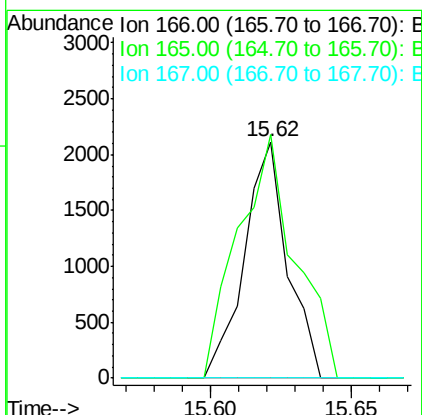
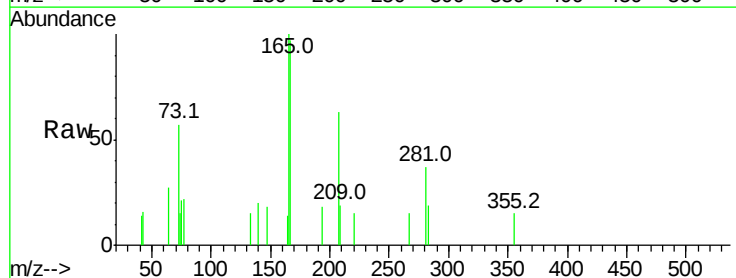
Instrument :
BNA_M
ClientSampled :

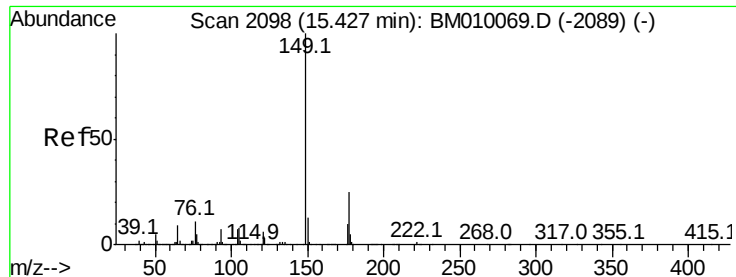
Tot Ion:165 Resp: 125
Ion Ratio Lower Upper
165 100
63 0.0 52.4 78.6#
89 0.0 72.4 108.6#
182 0.0 2.0 3.0#



#57
Fluorene
Concen: 0.24 ng
RT: 15.62 min Scan# 2131
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion:166 Resp: 2231
Ion Ratio Lower Upper
166 100
165 102.9 79.0 118.4
167 0.0 10.3 15.5#





#59

Diethylphthalate

Concen: 0.14 ng

RT: 15.39 min Scan# 2091

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

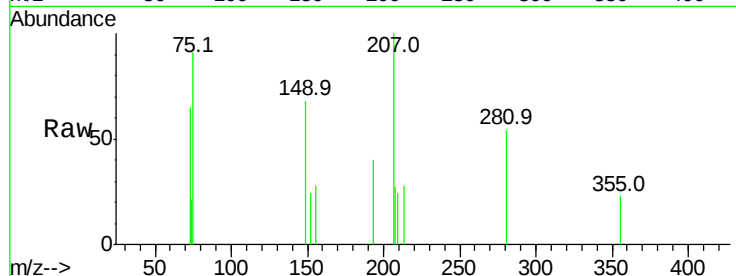
Tot Ion:149 Resp: 1287

Ion Ratio Lower Upper

149 100

177 0.0 18.3 27.5#

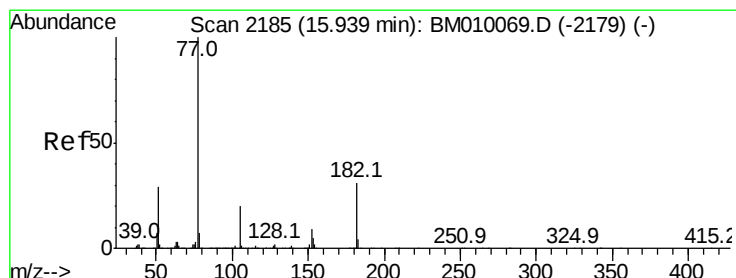
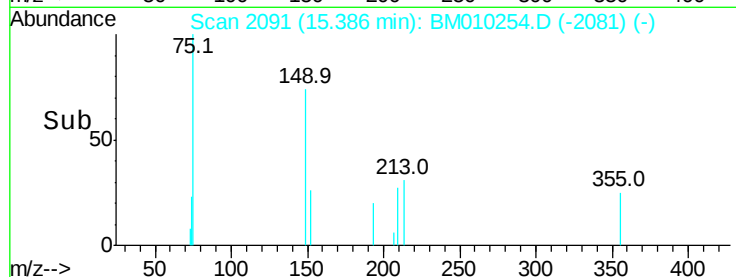
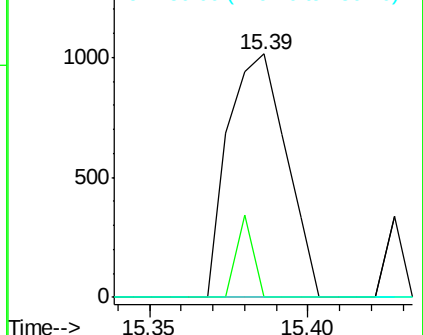
150 0.0 9.8 14.8#



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



#62

Azobenzene

Concen: 0.02 ng

RT: 15.92 min Scan# 2182

Delta R.T. -0.02 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion: 77 Resp: 127

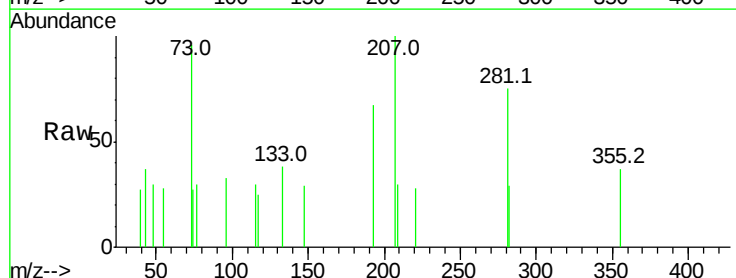
Ion Ratio Lower Upper

77 100

182 0.0 6.5 46.5#

105 0.0 3.8 43.8#

51 0.0 5.5 45.5#

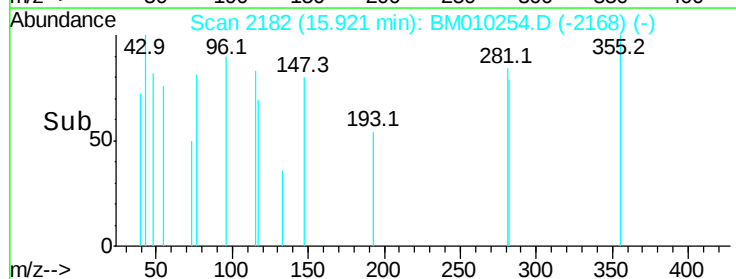
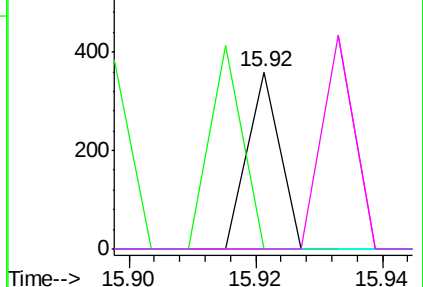


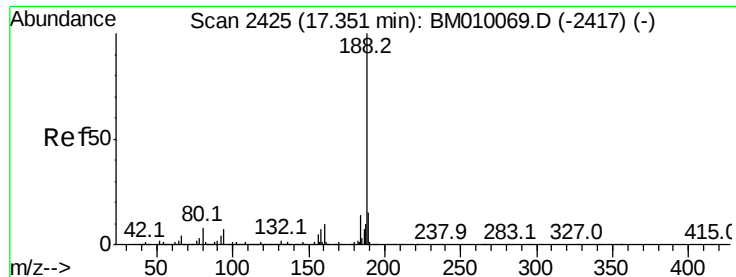
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.32 min Scan# 2419

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

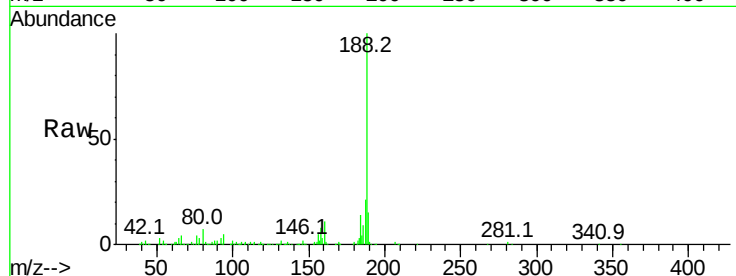
Tot Ion:188 Resp: 442814

Ion Ratio Lower Upper

188 100

94 5.3 8.7 13.1#

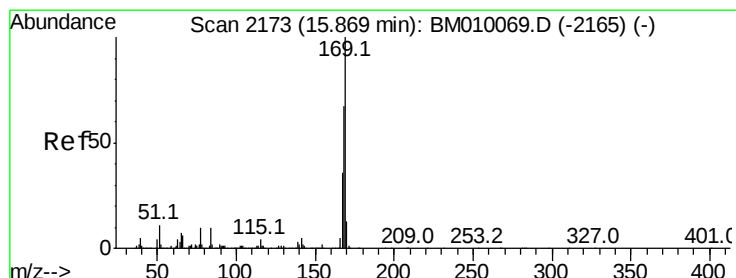
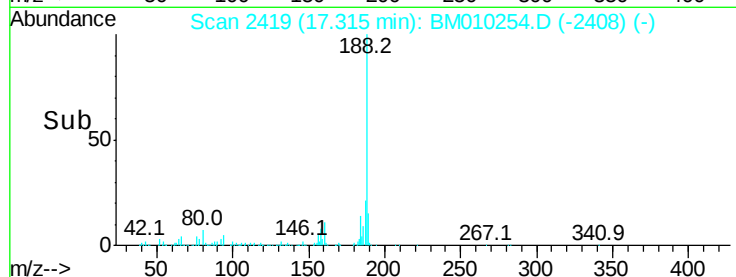
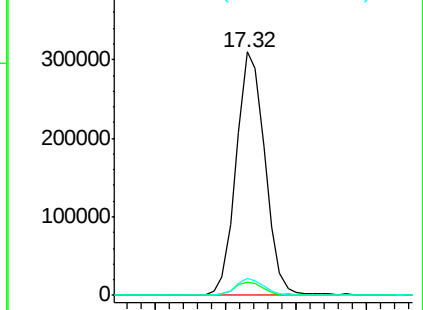
80 6.8 9.3 13.9#



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: 0.02 ng

RT: 15.81 min Scan# 2163

Delta R.T. -0.06 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

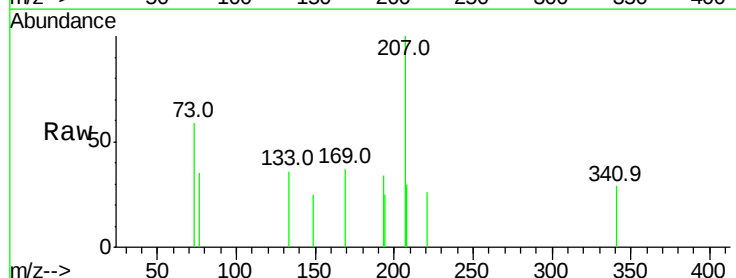
Tgt Ion:169 Resp: 286

Ion Ratio Lower Upper

169 100

168 0.0 53.9 80.9#

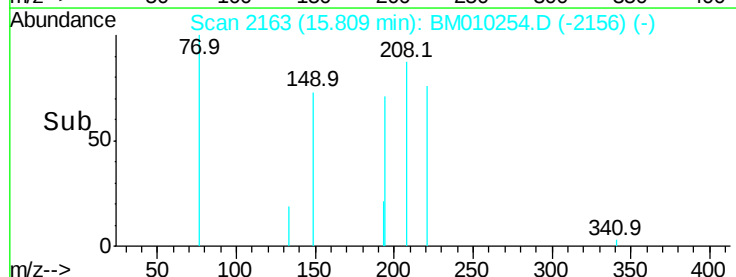
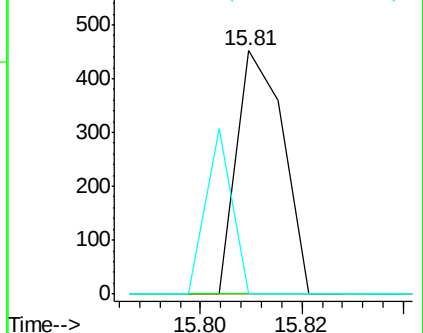
167 0.0 28.9 43.3#

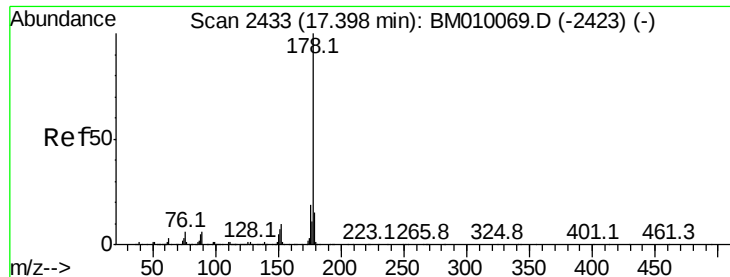


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 0.20 ng

RT: 17.36 min Scan# 2426

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

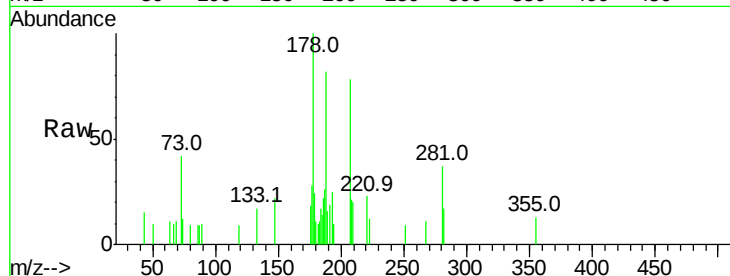
Tot Ion:178 Resp: 4860

Ion Ratio Lower Upper

178 100

176 18.1 15.2 22.8

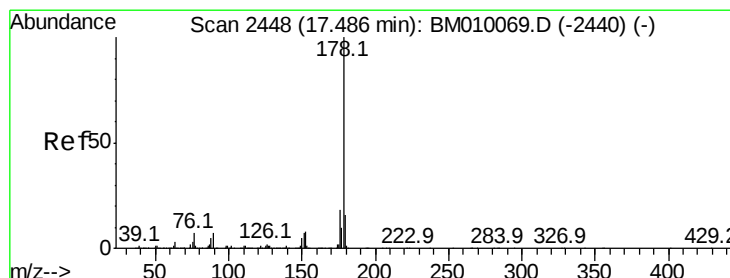
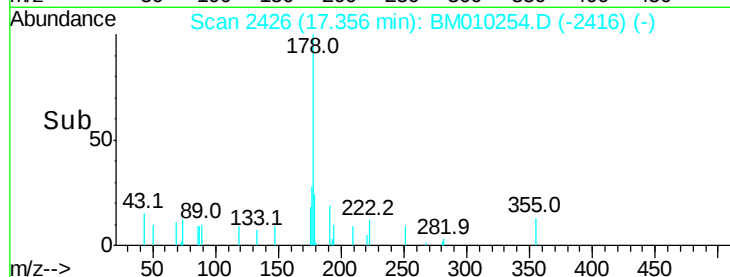
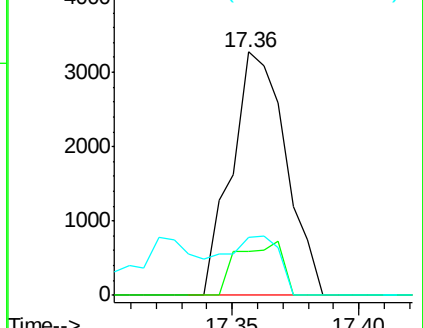
179 23.6 12.1 18.1#



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: 0.03 ng

RT: 17.46 min Scan# 2443

Delta R.T. -0.03 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

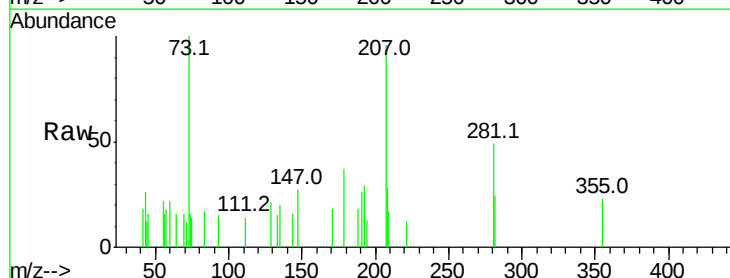
Tgt Ion:178 Resp: 739

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

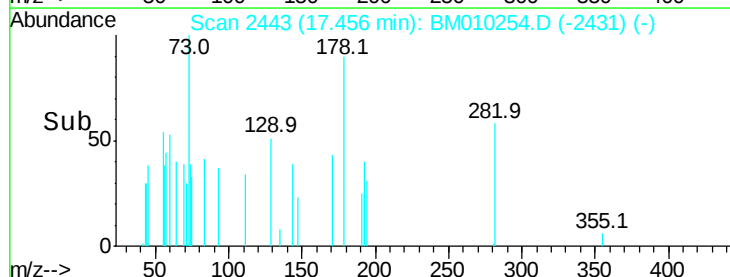
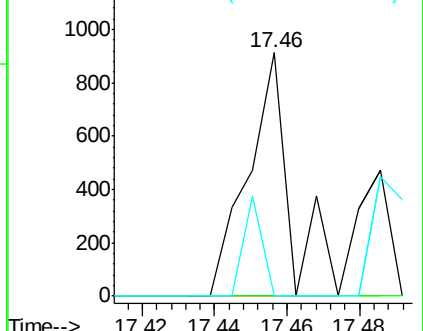
179 0.0 12.6 19.0#

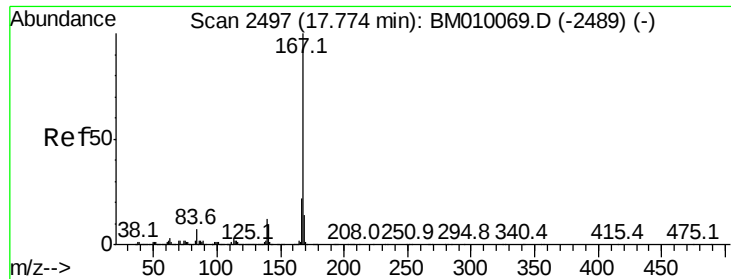


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.01 ng

RT: 17.74 min Scan# 2491

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

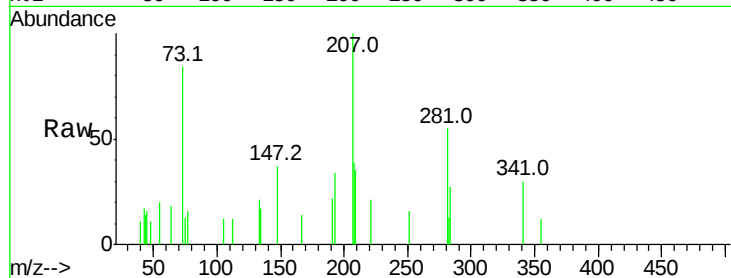
Tot Ion:167 Resp: 256

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

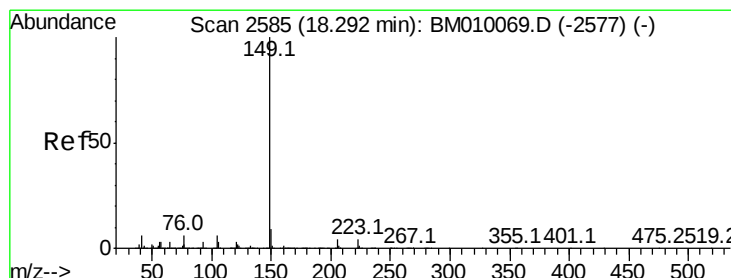
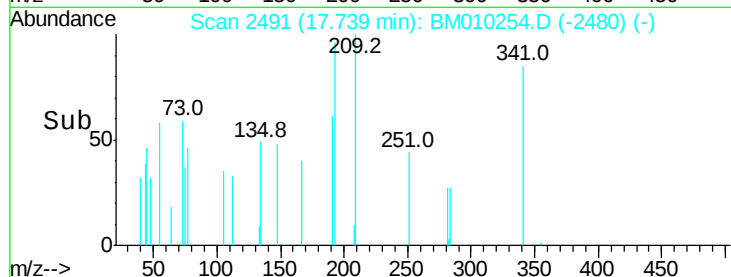
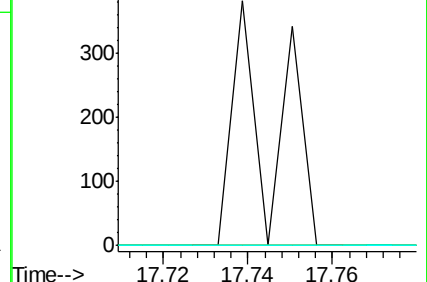
139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.14 ng

RT: 18.25 min Scan# 2578

Delta R.T. -0.04 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

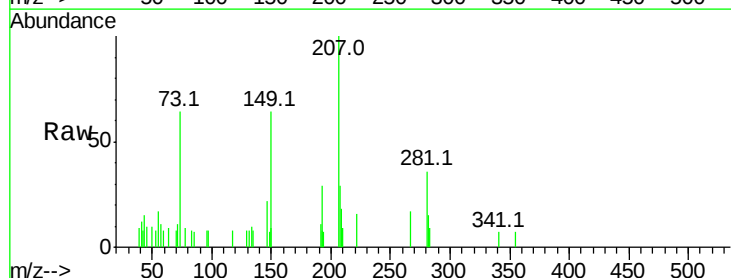
Tgt Ion:149 Resp: 3657

Ion Ratio Lower Upper

149 100

150 13.3 7.5 11.3#

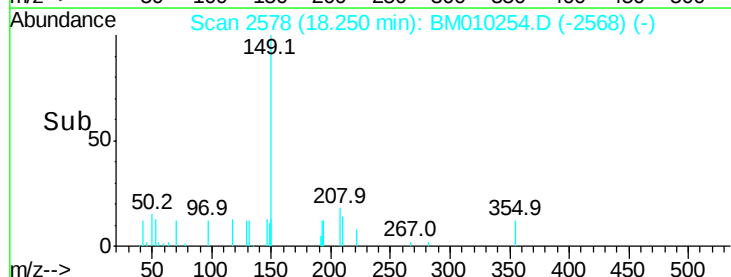
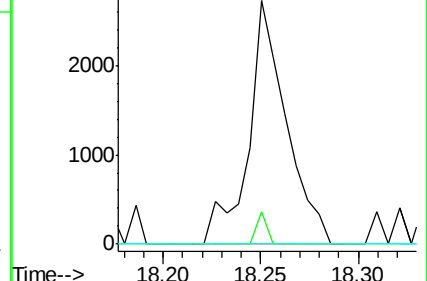
104 0.0 3.7 5.5#

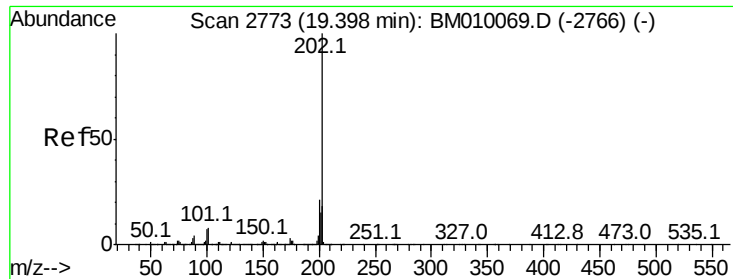


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.08 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.02 min

Lab File: BM010254.D

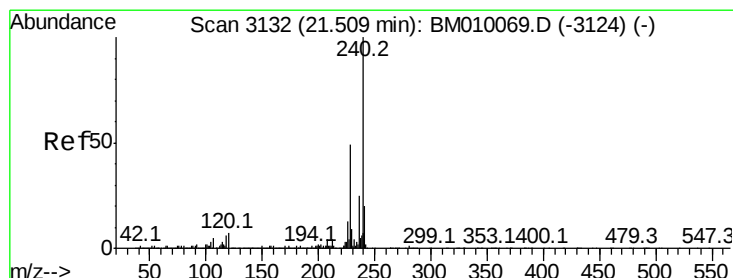
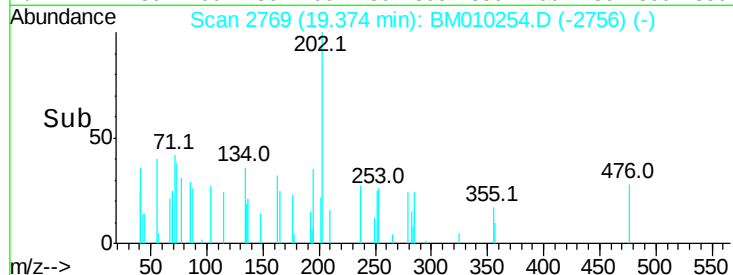
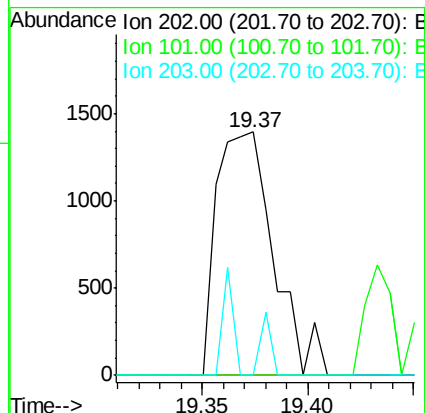
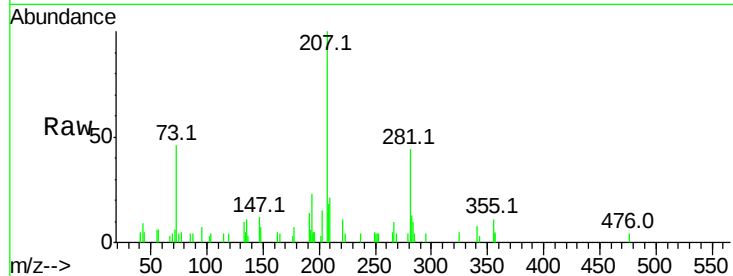
Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	202	Resp:	2615
Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	28.7
203	0.0	0.0	37.2



#75

Chrysene-d12

Concen: 20.00 ng

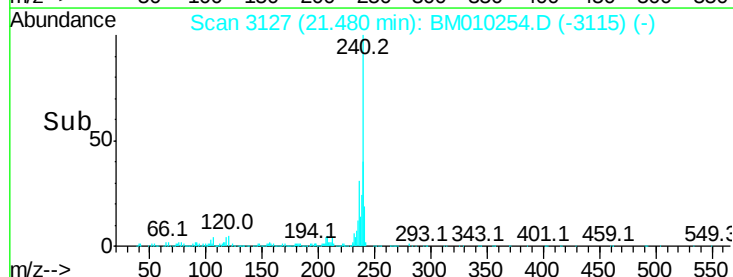
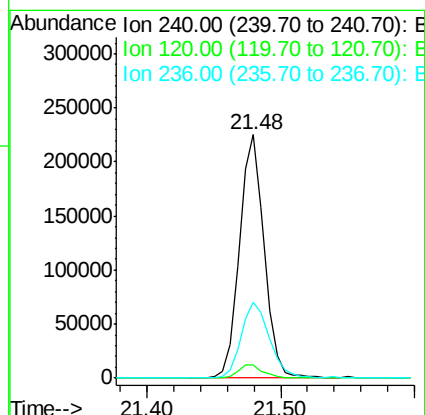
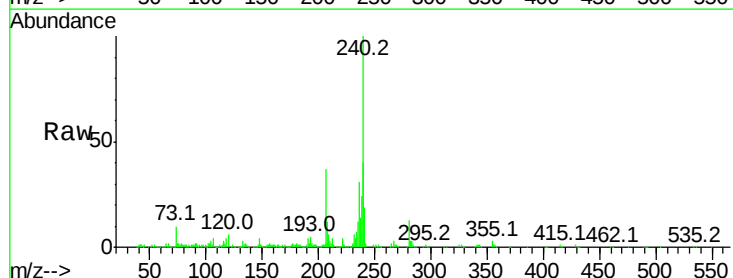
RT: 21.48 min Scan# 3127

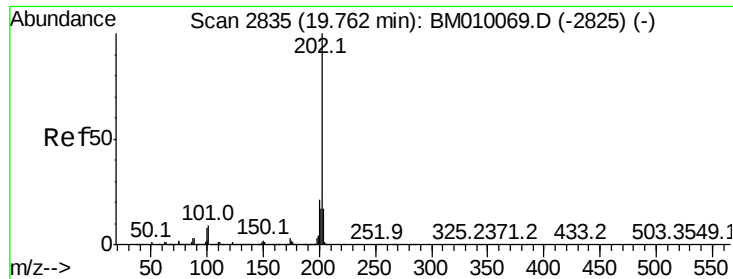
Delta R.T. -0.03 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion:	240	Resp:	288694
Ion	Ratio	Lower	Upper
240	100		
120	5.5	8.2	12.2#
236	31.4	20.0	30.0#

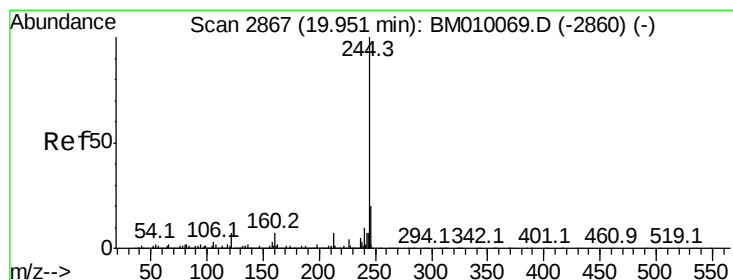
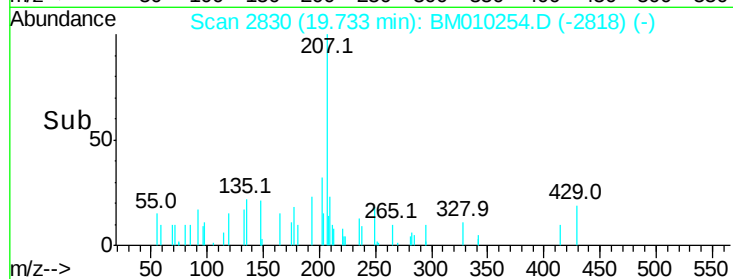
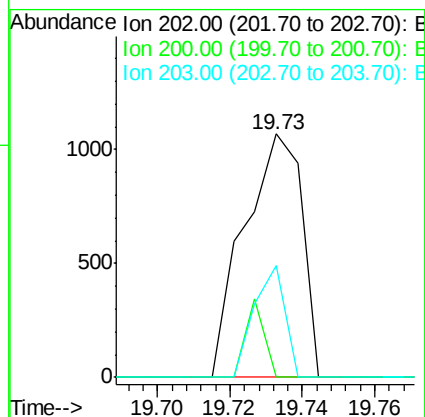
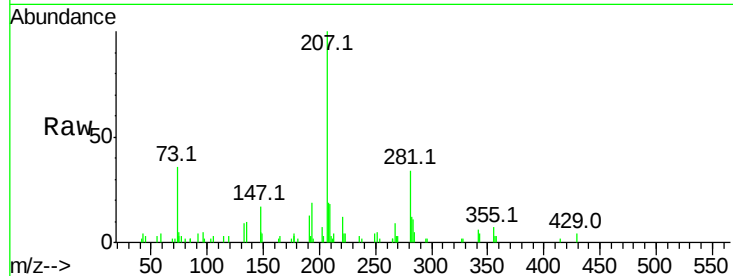




#77
Pvrene
Concen: 0.08 ng
RT: 19.73 min Scan# 2830
Delta R.T. -0.03 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

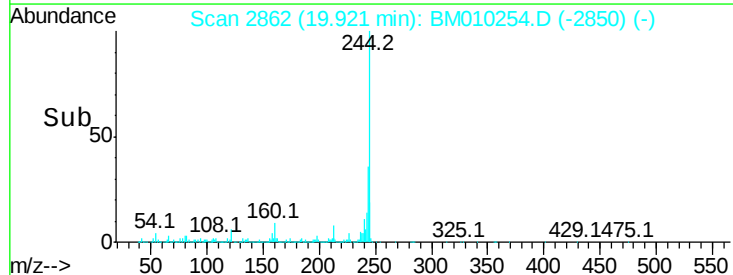
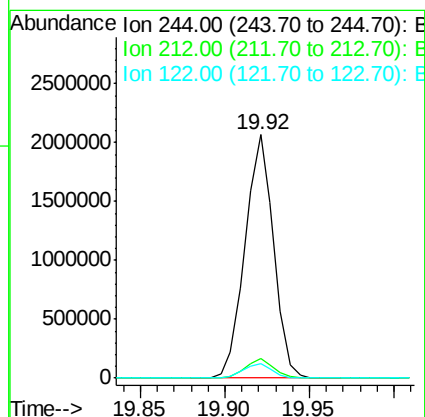
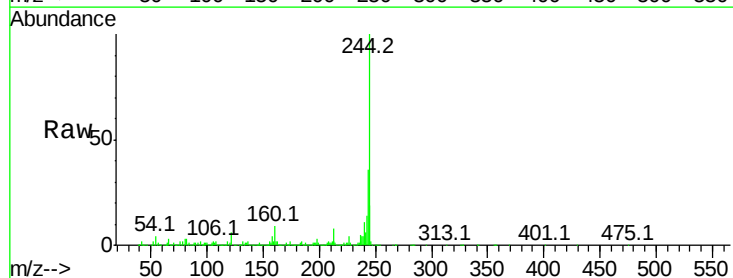
Instrument :
BNA_M
ClientSampleId :

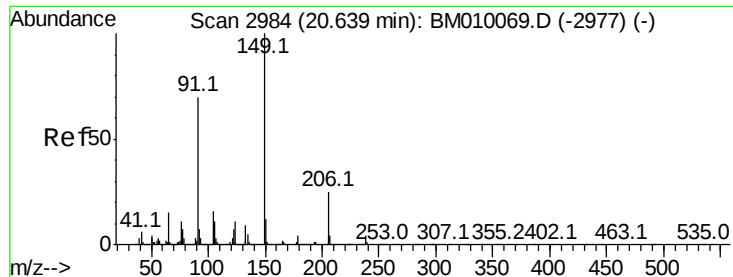
Tot Ion	Ratio	Lower	Upper
202	100		
200	0.0	16.9	25.3#
203	46.1	14.1	21.1#



#78
Terphenyl-d14
Concen: 192.39 ng
RT: 19.92 min Scan# 2862
Delta R.T. -0.03 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	6.1	6.2	9.4#

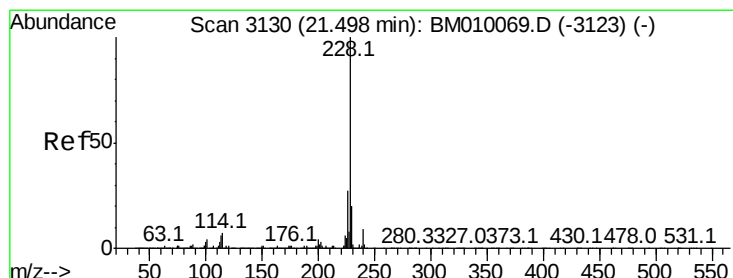
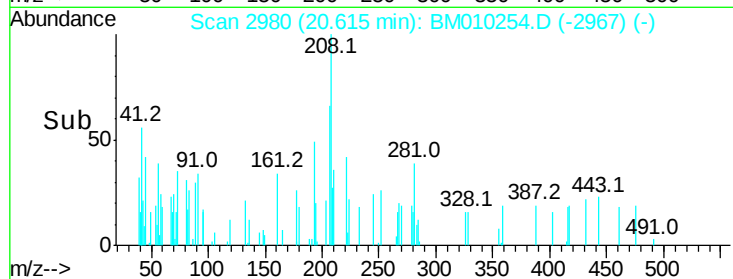
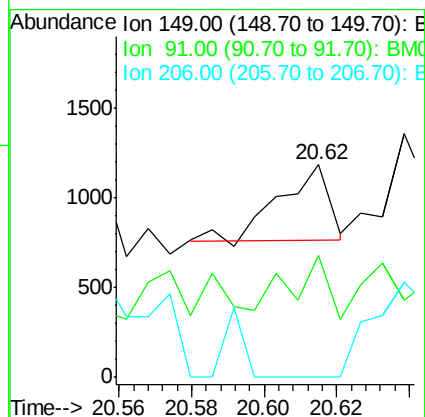
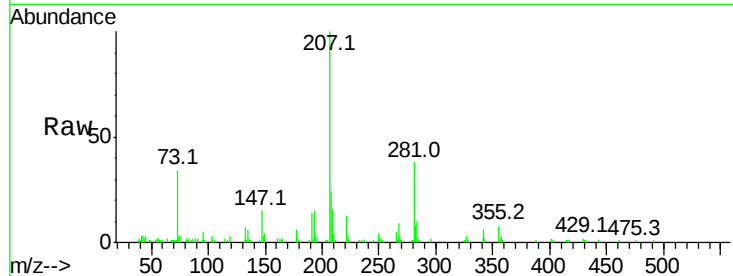




#79
Butylbenzylphthalate
Concen: 0.07 ng
RT: 20.62 min Scan# 2980
Delta R.T. -0.02 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

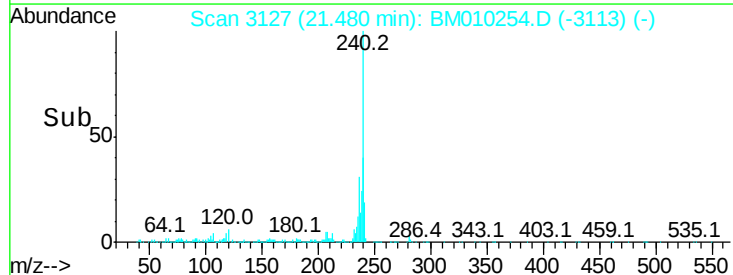
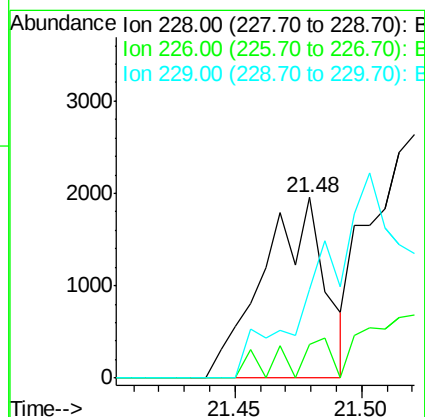
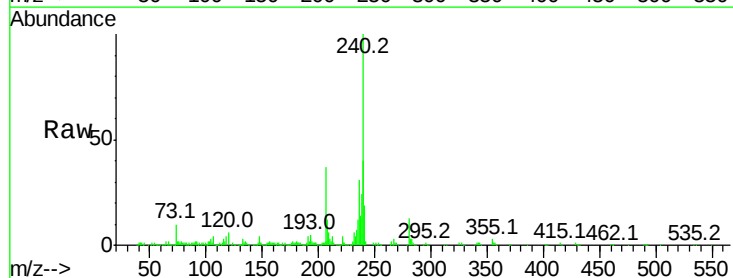
Instrument :
BNA_M
ClientSampled :

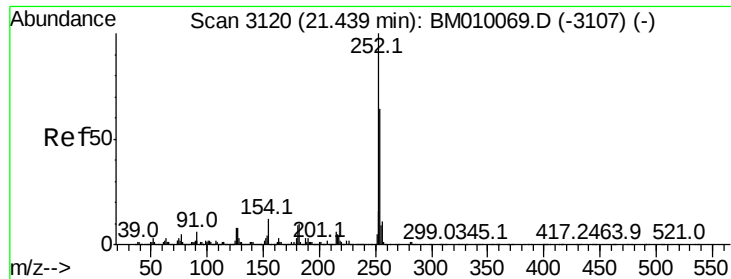
Tot Ion:149 Resp: 395
Ion Ratio Lower Upper
149 100
91 57.3 50.1 75.1
206 0.0 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 0.21 ng
RT: 21.48 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion:228 Resp: 3355
Ion Ratio Lower Upper
228 100
226 18.4 21.7 32.5#
229 49.5 16.0 24.0#

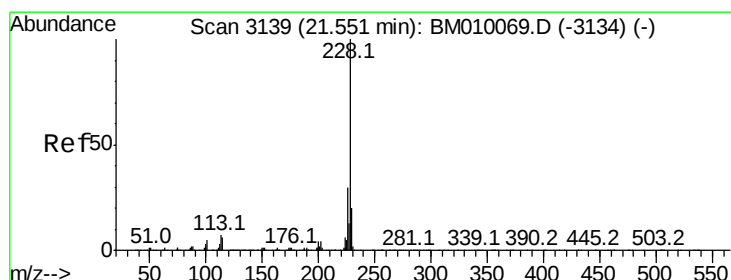
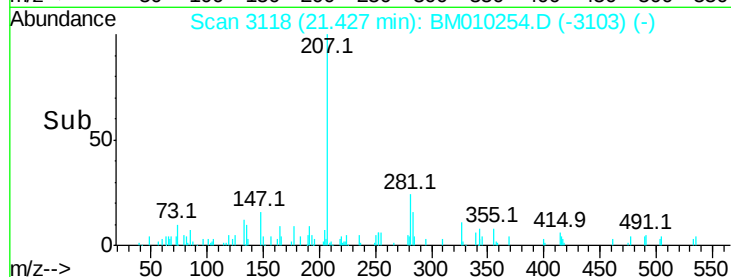
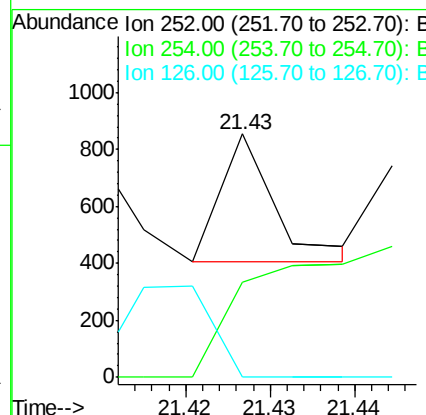
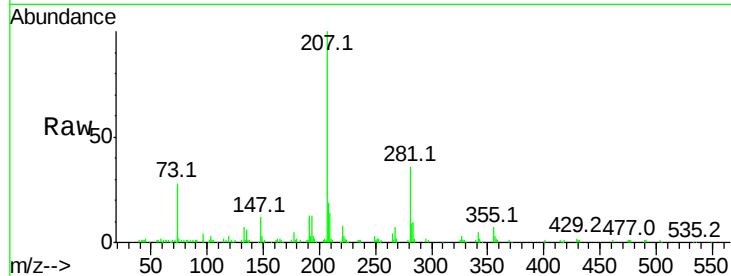




#81
 3,3'-Dichlorobenzidine
 Concen: 0.03 ng
 RT: 21.43 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

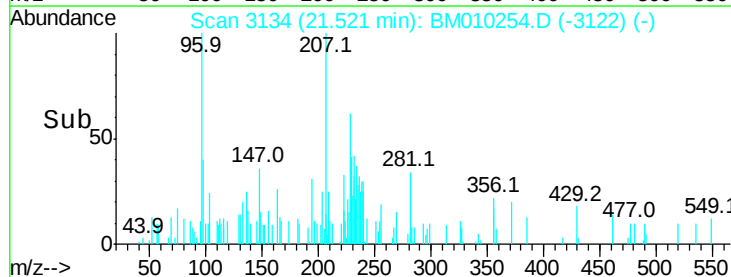
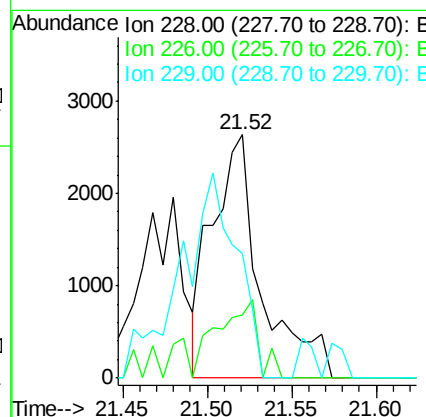
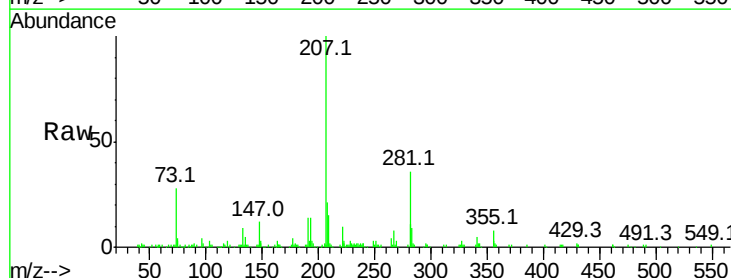
Instrument :
 BNA_M
 ClientSampleId :

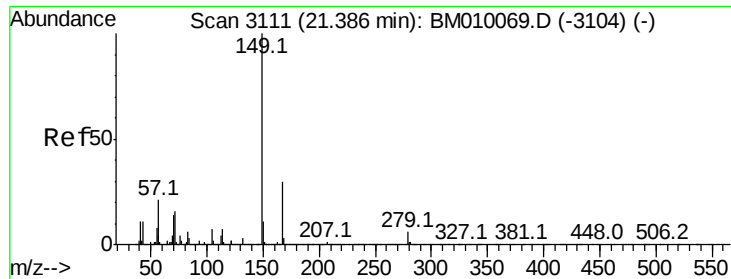
Tot Ion:252 Resp: 198
 Ion Ratio Lower Upper
 252 100
 254 39.1 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.35 ng
 RT: 21.52 min Scan# 3134
 Delta R.T. -0.03 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

Tgt Ion:228 Resp: 5327
 Ion Ratio Lower Upper
 228 100
 226 26.0 24.1 36.1
 229 51.2 15.5 23.3#

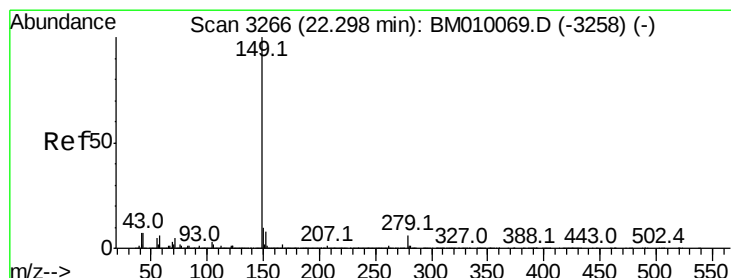
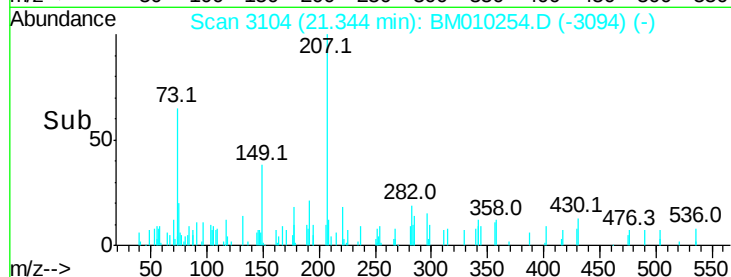
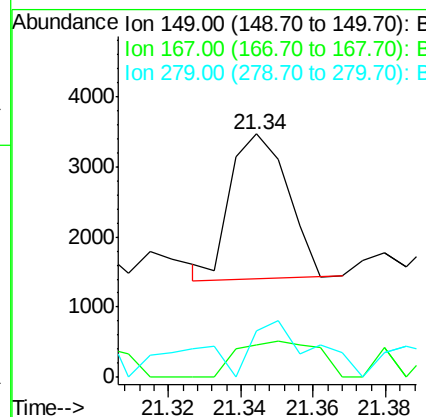
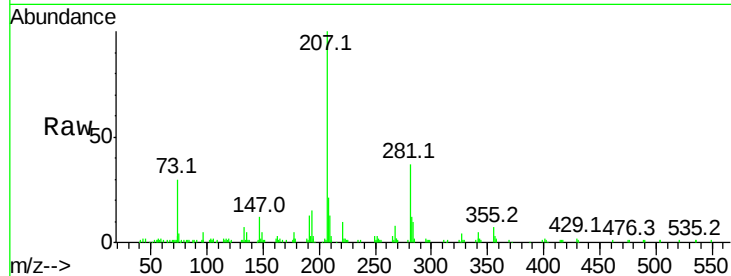




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.34 min Scan# 3104
 Delta R.T. -0.04 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

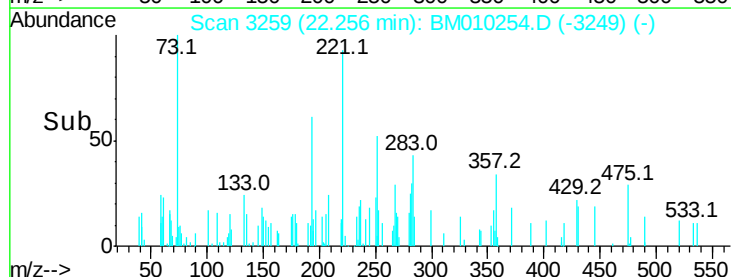
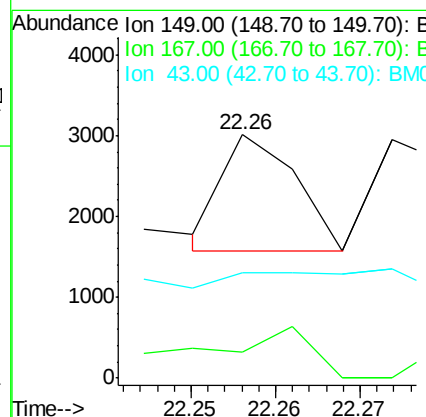
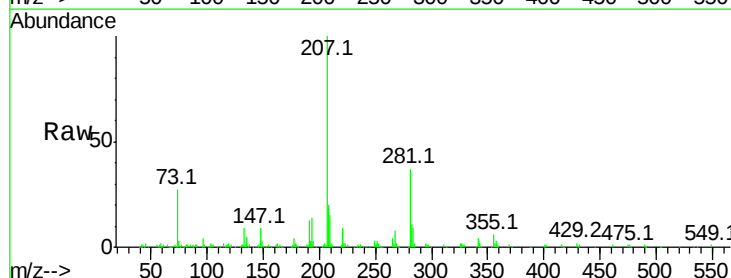
Instrument :
 BNA_M
 ClientSampleId :

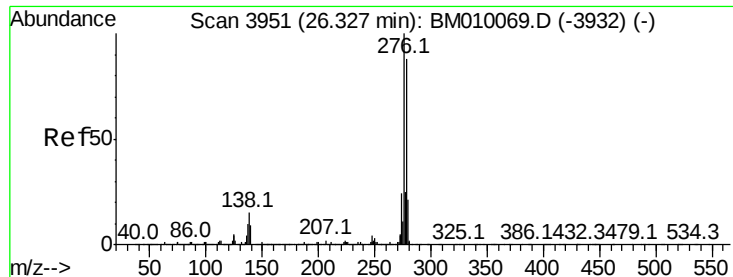
Tot Ion:149 Resp: 2262
 Ion Ratio Lower Upper
 149 100
 167 13.1 22.4 33.6#
 279 19.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.06 ng
 RT: 22.26 min Scan# 3259
 Delta R.T. -0.04 min
 Lab File: BM010254.D
 Acq: 26 May 2017 13:23

Tgt Ion:149 Resp: 865
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 30.6 7.3 10.9#

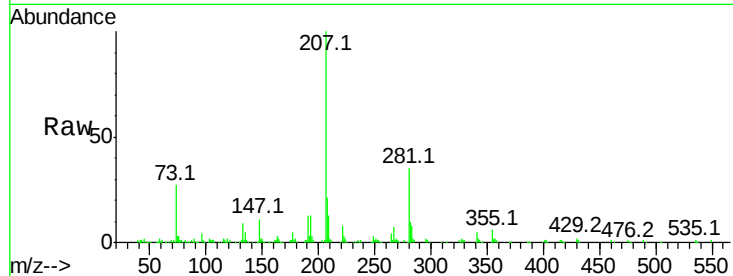




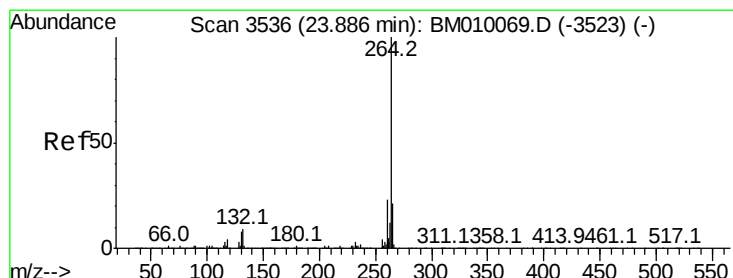
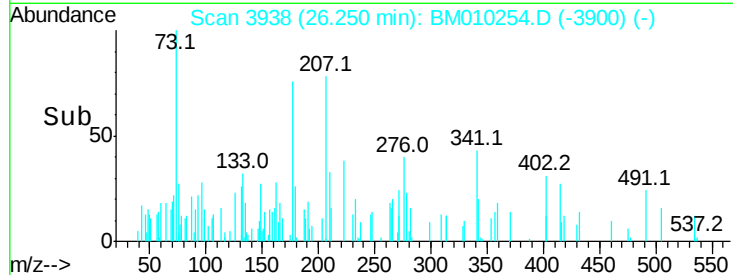
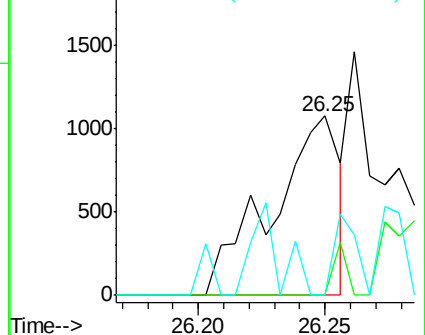
#85
Indeno(1,2,3-cd)pyrene
Concen: 0.09 ng
RT: 26.25 min Scan# 3938
Delta R.T. -0.08 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	5.6	0.0	0.0#
277	15.0	0.0	0.0#

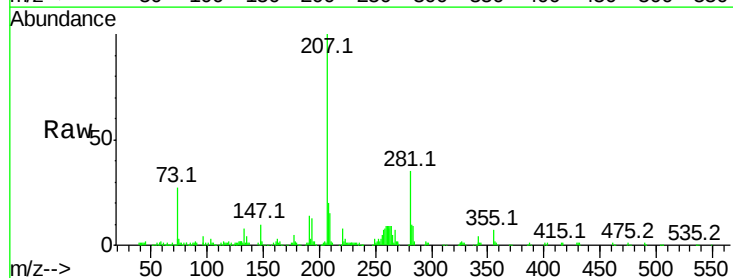


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

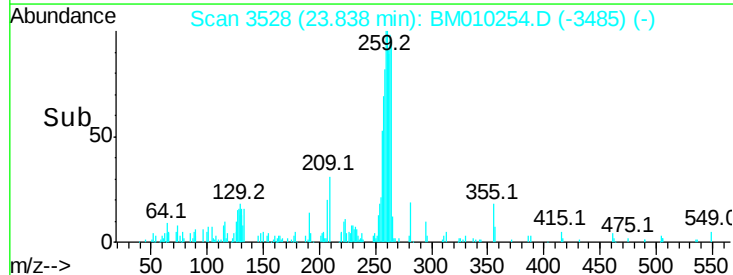
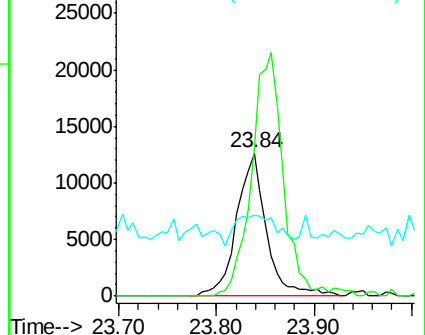


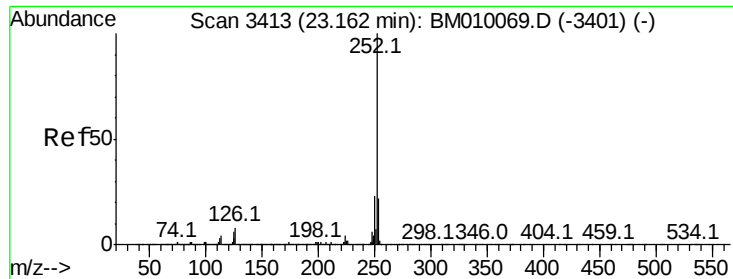
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.84 min Scan# 3528
Delta R.T. -0.05 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	Ratio	Lower	Upper
264	100		
260	104.2	18.6	27.8#
265	56.8	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

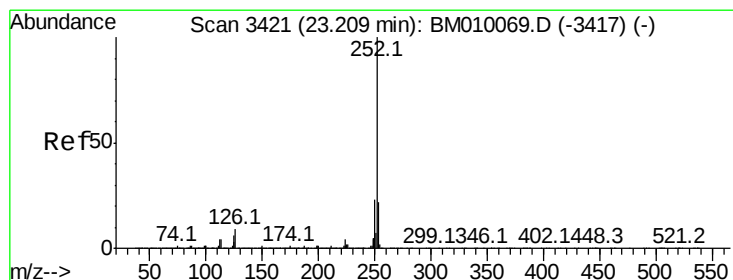
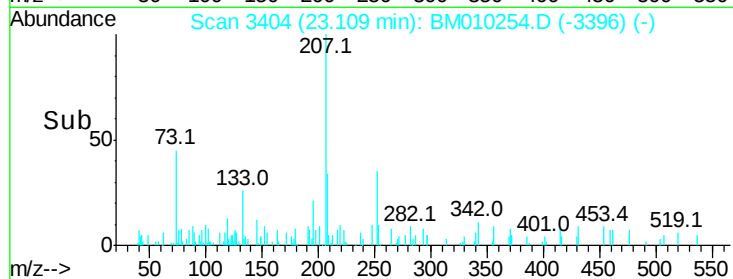
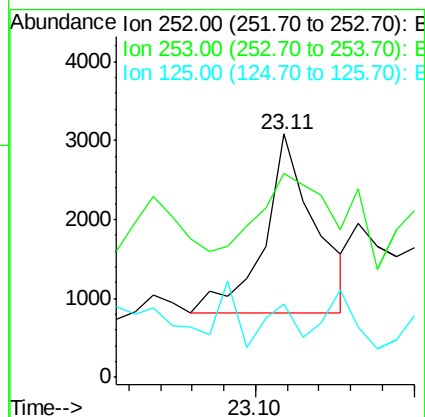
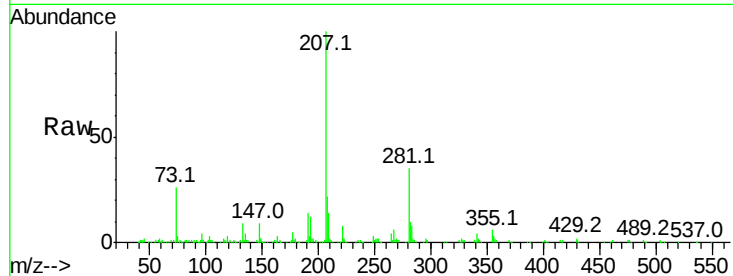




#87
Benzo(b)fluoranthene
Concen: 1.60 ng
RT: 23.11 min Scan# 3404
Delta R.T. -0.05 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

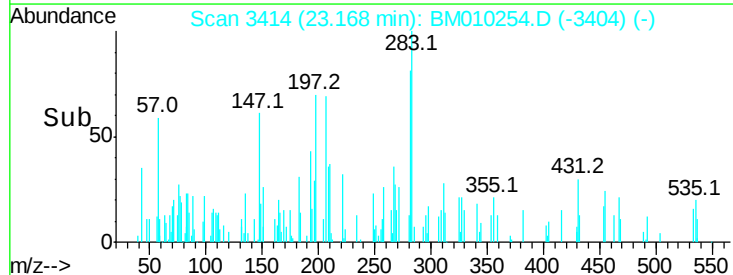
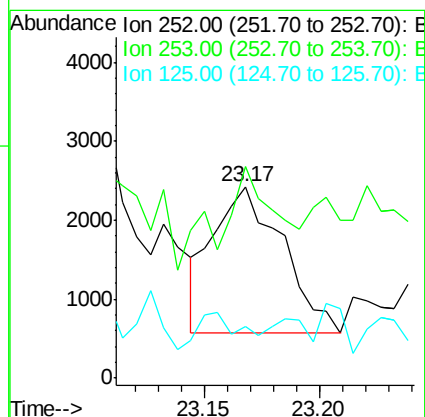
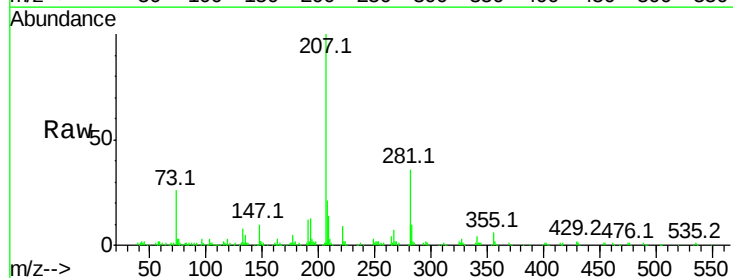
Instrument :
BNA_M
ClientSampleId :

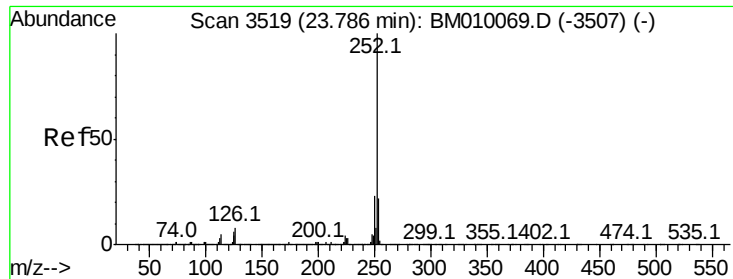
Tot Ion	Ratio	Lower	Upper
252	100		
253	83.7	18.0	27.0#
125	30.1	9.9	14.9#



#88
Benzo(k)fluoranthene
Concen: 2.51 ng
RT: 23.17 min Scan# 3414
Delta R.T. -0.04 min
Lab File: BM010254.D
Acq: 26 May 2017 13:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	110.1	17.2	25.8#
125	27.1	8.1	12.1#





#89

Benzo(a)pyrene

Concen: 0.30 ng

RT: 23.75 min Scan# 3513

Delta R.T. -0.04 min

Lab File: BM010254.D

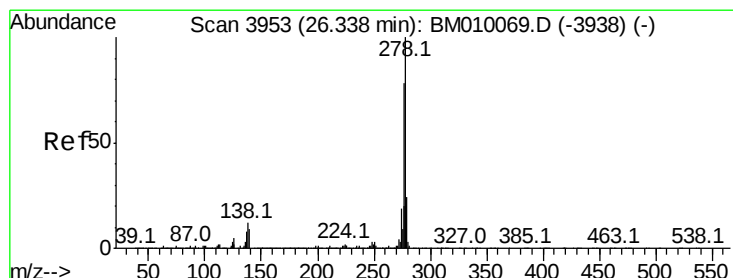
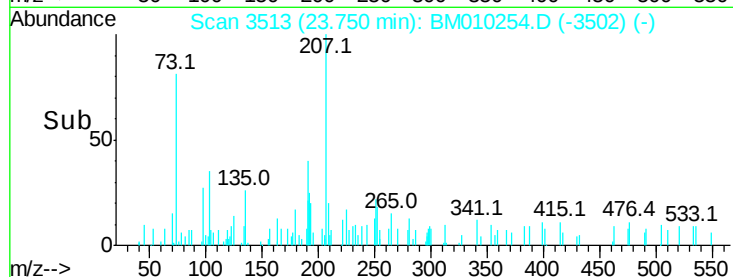
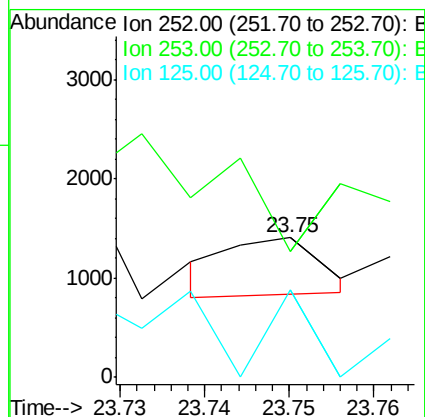
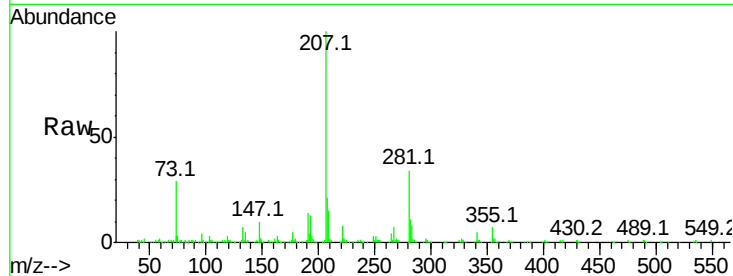
Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampled :

Tot Ion:	252	Resp:	443
Ion	Ratio	Lower	Upper
252	100		
253	90.1	17.6	26.4#
125	62.9	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 1.55 ng

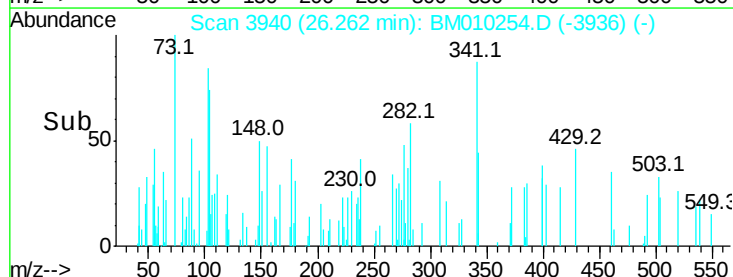
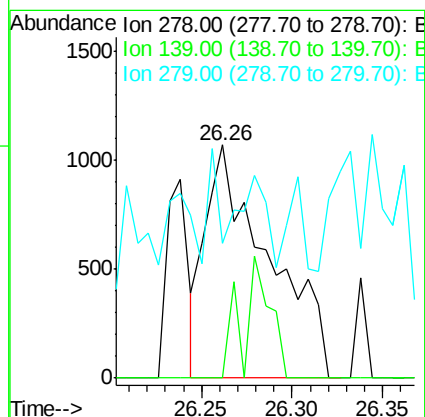
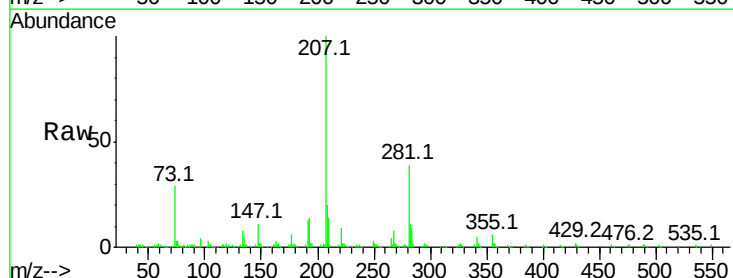
RT: 26.26 min Scan# 3940

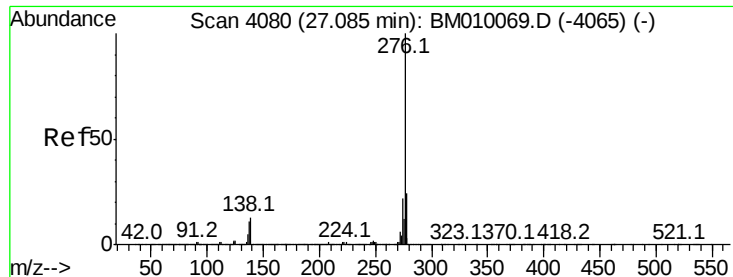
Delta R.T. -0.08 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Tgt Ion:	278	Resp:	2602
Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.4	20.0#
279	57.7	19.0	28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.44 ng

RT: 27.02 min Scan# 4069

Delta R.T. -0.06 min

Lab File: BM010254.D

Acq: 26 May 2017 13:23

Instrument :

BNA_M

ClientSampleId :

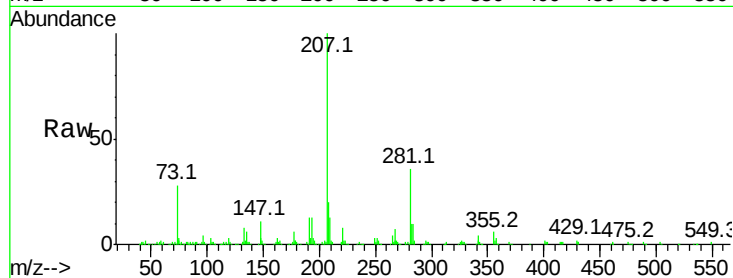
Tot Ion:276 Resp: 726

Ion Ratio Lower Upper

276 100

277 62.8 18.5 27.7#

138 48.7 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

