

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071717\
 Data File : BM010854.D
 Acq On : 18 Jul 2017 02:57
 Operator : SJ/JU
 Sample : I4199-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

Quant Time: Jul 18 05:45:38 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 12 14:21:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	271081	20.00	ng	-0.01
21) Naphthalene-d8	10.20	136	1099796	20.00	ng	-0.01
38) Acenaphthene-d10	14.09	164	675537	20.00	ng	0.00
63) Phenanthrene-d10	16.85	188	1613313	20.00	ng	0.00
75) Chrysene-d12	21.06	240	1741505	20.00	ng	0.00
86) Perylene-d12	23.19	264	1471774	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.08	112	909993	55.61	ng	0.00
7) Phenol-d6	6.63	99	774268	34.32	ng	0.00
23) Nitrobenzene-d5	8.59	82	2397438	83.79	ng	0.00
41) 2,4,6-Tribromophenol	15.59	330	1361891	131.92	ng	0.00
44) 2-Fluorobiphenyl	12.71	172	5002367	92.12	ng	0.00
78) Terphenyl-d14	19.51	244	7725550	85.80	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.10	88	935	0.129	ng	# 100
3) Pyridine	3.46	79	251	0.013	ng	# 1
4) n-Nitrosodimethylamine	3.39	42	400	0.040	ng	# 1
6) Aniline	6.80	93	2323	0.082	ng	# 88
8) 2-Chlorophenol	6.99	128	178	0.011	ng	# 1
9) Benzaldehyde	6.58	77	499	0.032	ng	# 2
10) Phenol	6.66	94	2053	0.086	ng	# 79
11) bis(2-Chloroethyl)ether	6.86	93	108	0.006	ng	# 23
14) 1,2-Dichlorobenzene	7.78	146	498	0.025	ng	# 1
15) Benzyl Alcohol	7.75	79	28145	1.317	ng	# 48
16) 2,2'-oxybis(1-Chloropropan	7.93	45	139	0.009	ng	# 66
22) Acetophenone	8.25	105	160	0.005	ng	# 52
24) Nitrobenzene	8.59	77	12570	0.429	ng	# 33
25) Isophorone	9.15	82	148	0.003	ng	# 62
27) 2,4-Dimethylphenol	9.45	122	825	0.047	ng	# 6
31) Naphthalene	10.26	128	1287	0.023	ng	# 69
32) Benzoic acid	9.48	122	440	0.032	ng	# 34
33) 4-Chloroaniline	10.38	127	137	0.006	ng	# 51
35) Caprolactam	11.04	113	107	0.020	ng	# 31
45) 1,1'-Biphenyl	12.92	154	6237	0.106	ng	# 55
47) 2-Nitroaniline	13.17	65	355	0.025	ng	# 1
48) Acenaphthylene	13.81	152	163	0.003	ng	# 11
49) Dimethylphthalate	13.56	163	38095	0.663	ng	# 95
51) Acenaphthene	14.15	154	155	0.004	ng	# 59
54) Dibenzofuran	14.49	168	774	0.012	ng	# 48
55) 4-Nitrophenol	14.42	139	287	0.032	ng	# 87
57) Fluorene	15.16	166	545	0.010	ng	# 80
59) Diethylphthalate	14.95	149	3723	0.066	ng	# 85
61) 4-Nitroaniline	15.16	138	117	0.011	ng	# 28
62) Azobenzene	15.44	77	894	0.016	ng	# 50
67) Hexachlorobenzene	16.07	284	106	0.005	ng	# 47
69) Pentachlorophenol	16.49	266	312	0.021	ng	# 19
70) Phenanthrene	16.88	178	2267	0.027	ng	# 60
71) Anthracene	16.98	178	1656	0.020	ng	# 71

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

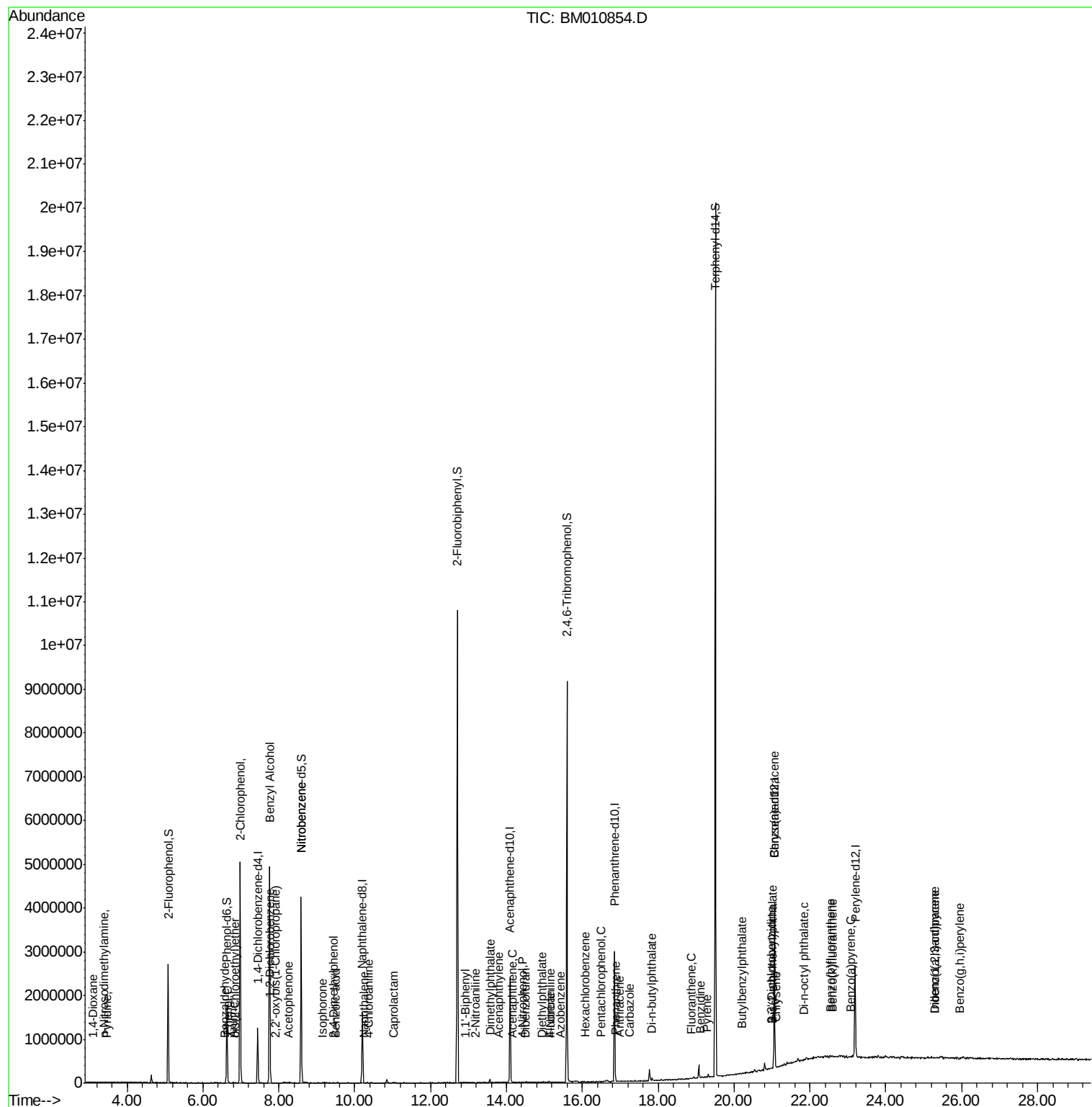
72) Carbazole	17.26	167	694	0.009	nq	# 59
73) Di-n-butylphthalate	17.84	149	33167	0.382	nq	# 92
74) Fluoranthene	18.87	202	462	0.004	nq	66
76) Benzidine	19.13	184	492	0.011	nq	# 1
77) Pyrene	19.28	202	2033	0.020	nq	# 38
79) Butylbenzylphthalate	20.22	149	4370	0.124	nq	# 90
80) Benzo(a)anthracene	21.06	228	6609	0.065	nq	# 79
81) 3,3'-Dichlorobenzidine	20.99	252	370	0.009	nq	# 26
82) Chrysene	21.12	228	1462	0.015	nq	# 19
83) Bis(2-ethylhexyl)phthalate	21.00	149	8277	0.161	nq	# 78
84) Di-n-octyl phthalate	21.84	149	2022	0.024	nq	# 1
85) Indeno(1,2,3-cd)pyrene	25.29	276	732	0.007	nq	# 100
87) Benzo(b)fluoranthene	22.55	252	1806	0.019	nq	# 1
88) Benzo(k)fluoranthene	22.61	252	3919	0.044	nq	# 1
89) Benzo(a)pyrene	23.08	252	1005	0.012	nq	# 1
90) Dibenzo(a,h)anthracene	25.30	278	175	0.002	nq	# 1
91) Benzo(g,h,i)perylene	25.94	276	337	0.004	nq	# 52

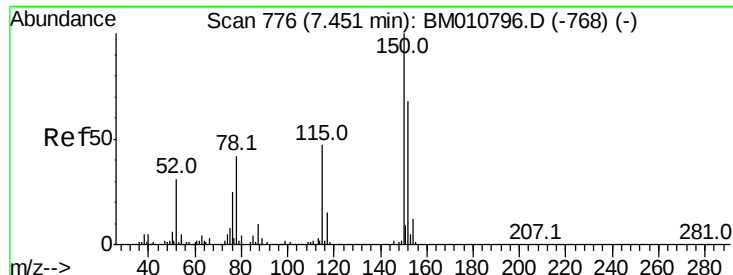
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.44 min Scan# 774

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

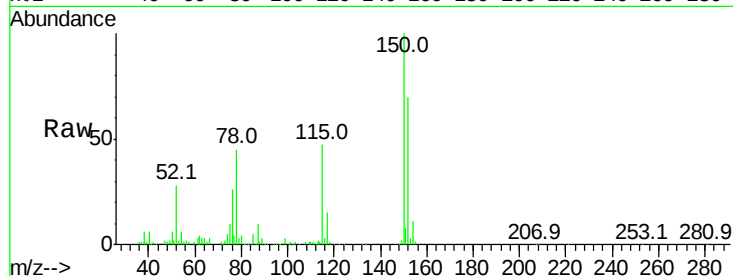
Tot Ion:152 Resp: 271081

Ion Ratio Lower Upper

152 100

150 142.8 119.5 179.3

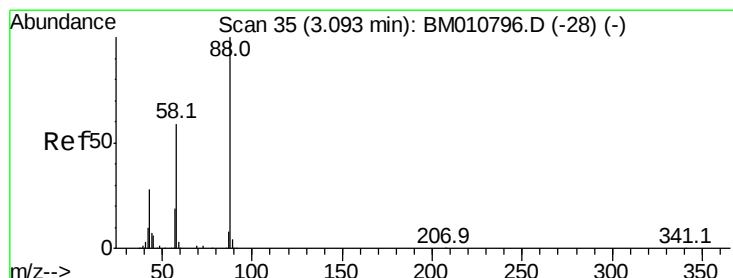
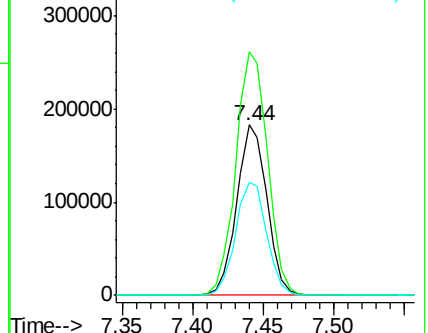
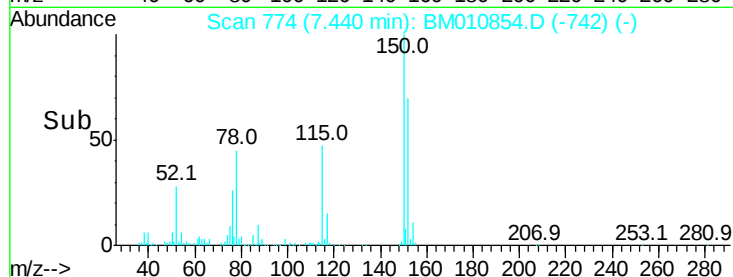
115 66.5 43.0 64.4#



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: 0.129 ng

RT: 3.10 min Scan# 37

Delta R.T. 0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

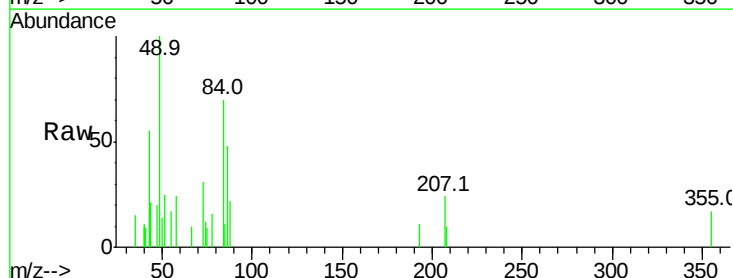
Tgt Ion: 88 Resp: 935

Ion Ratio Lower Upper

88 100

58 99.5 0.0 0.0#

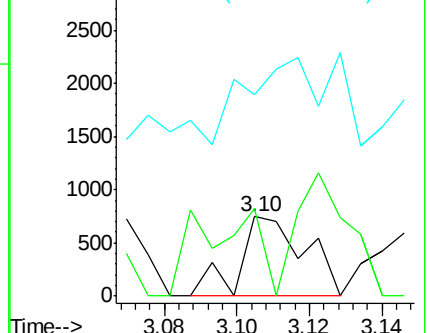
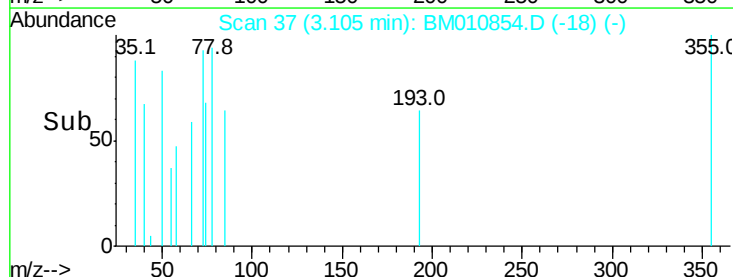
43 0.0 0.0 0.0

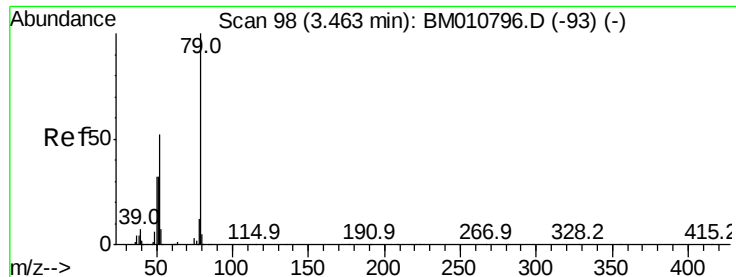


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 0.013 ng

RT: 3.46 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

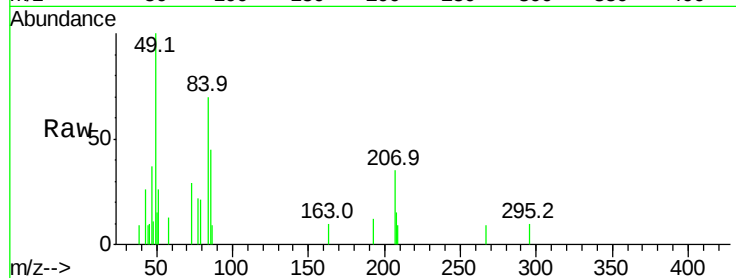
Tot Ion: 79 Resp: 251

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

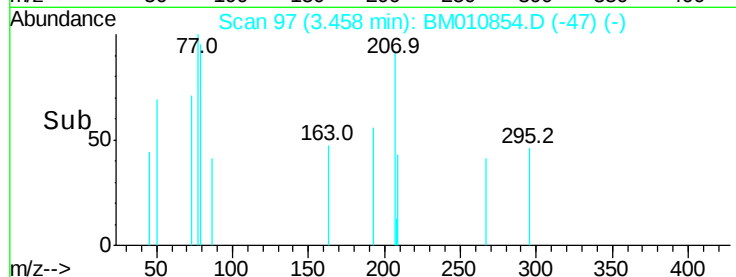
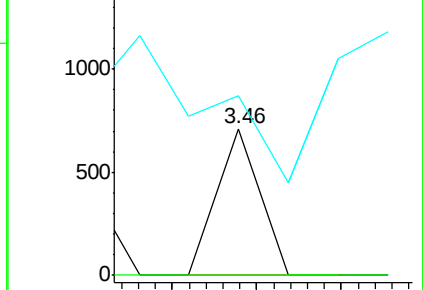
51 122.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

Ion 52.00 (51.70 to 52.70): BM010796.D (-93) (-)

Ion 51.00 (50.70 to 51.70): BM010796.D (-93) (-)



#4

n-Nitrosodimethylamine

Concen: 0.040 ng

RT: 3.39 min Scan# 86

Delta R.T. 0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

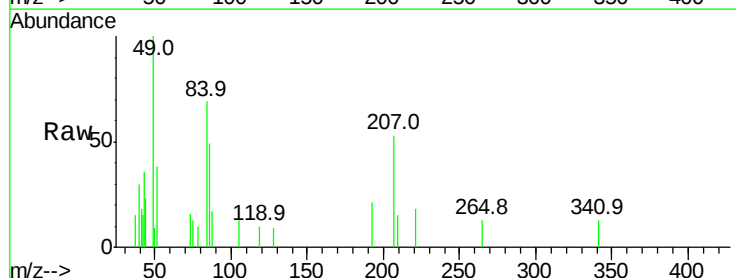
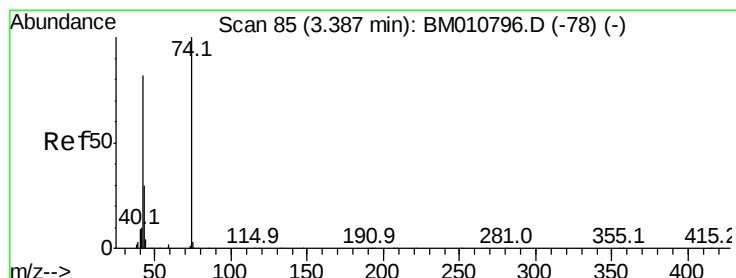
Tgt Ion: 42 Resp: 400

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

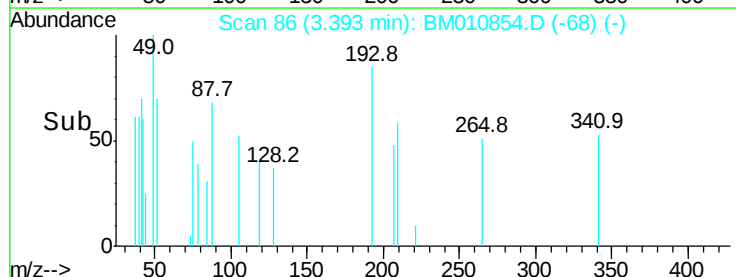
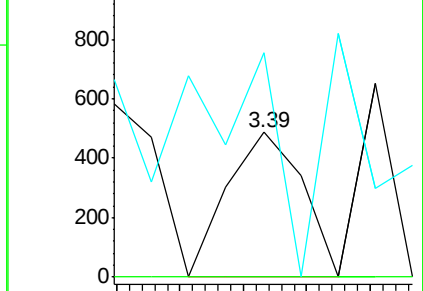
44 155.0 5.4 8.2#

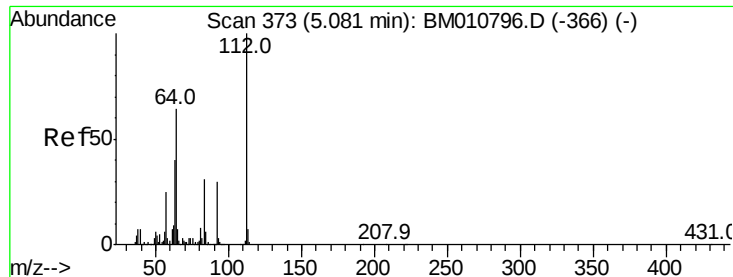


Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM010796.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM010796.D (-78) (-)





#5

2-Fluorophenol

Concen: 55.607 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

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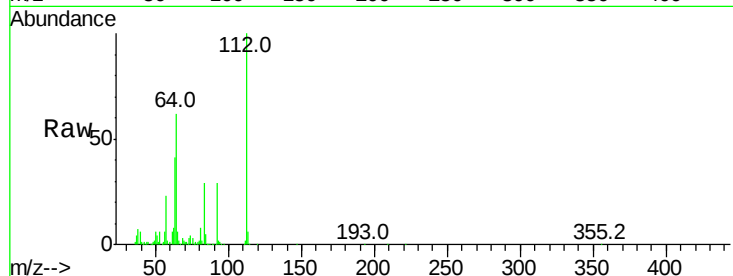
Tot Ion:112 Resp: 909993

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

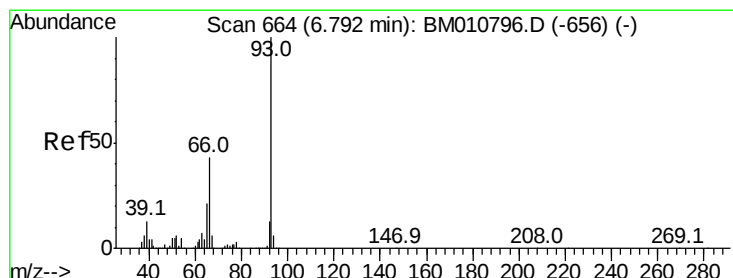
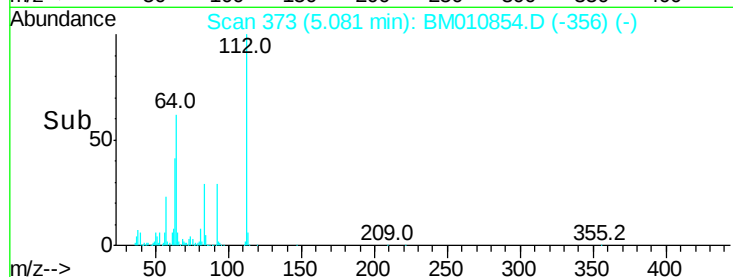
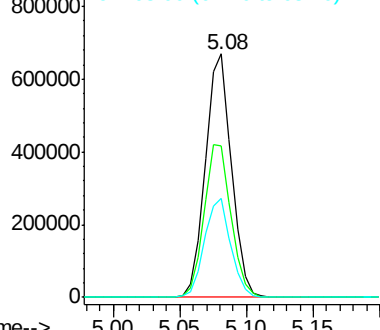
63 40.6 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 0.082 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

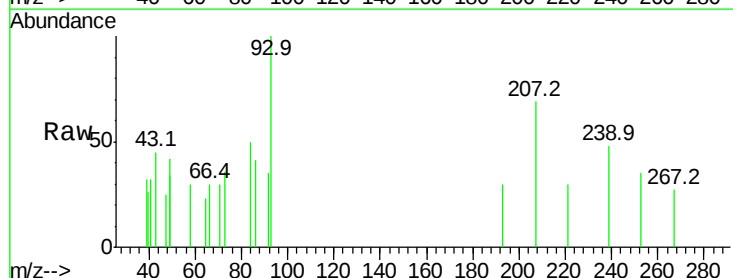
Tgt Ion: 93 Resp: 2323

Ion Ratio Lower Upper

93 100

66 30.1 30.8 46.2#

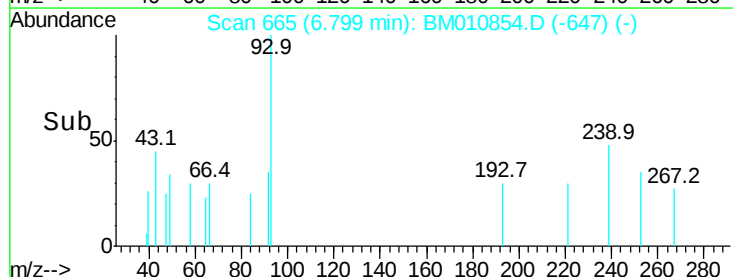
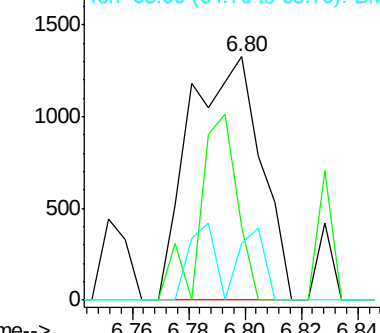
65 23.3 16.0 24.0

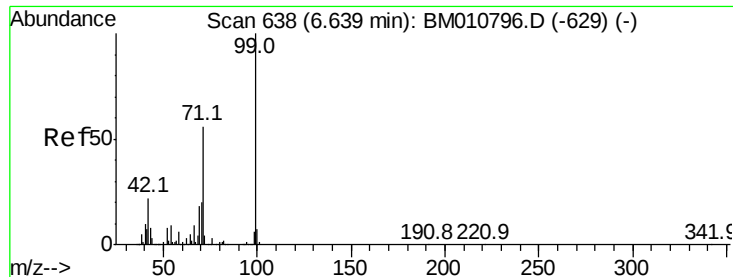


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 34.320 ng

RT: 6.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

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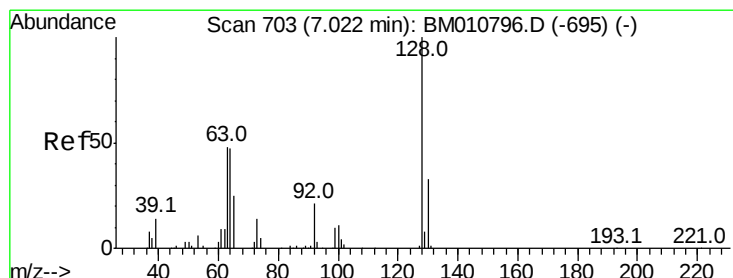
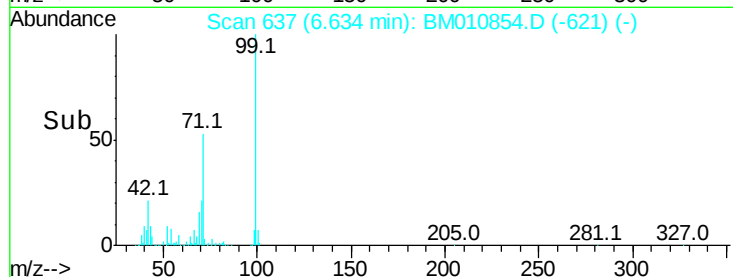
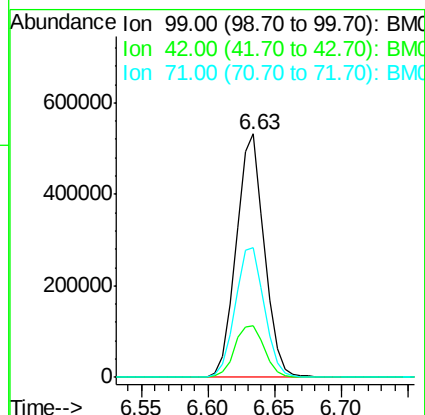
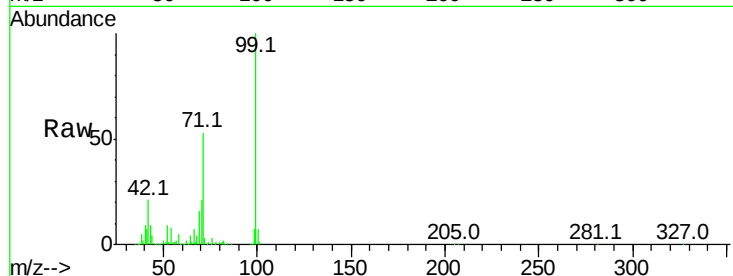
Tot Ion: 99 Resp: 774268

Ion Ratio Lower Upper

99 100

42 21.3 11.0 16.4#

71 53.4 23.4 35.2#



#8

2-Chlorophenol

Concen: 0.011 ng

RT: 6.99 min Scan# 698

Delta R.T. -0.03 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

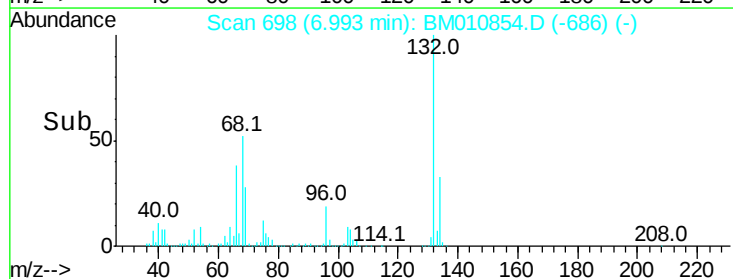
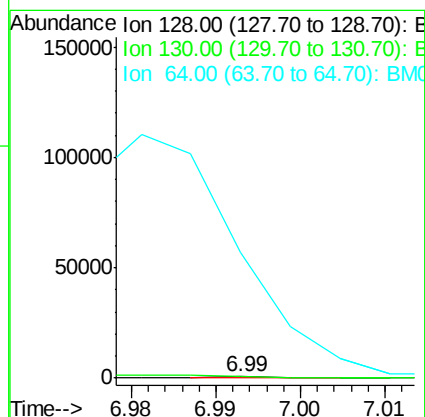
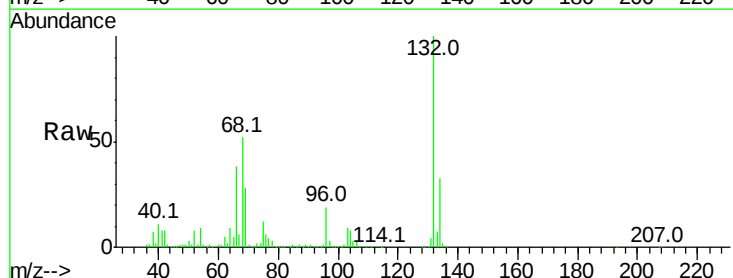
Tgt Ion: 128 Resp: 178

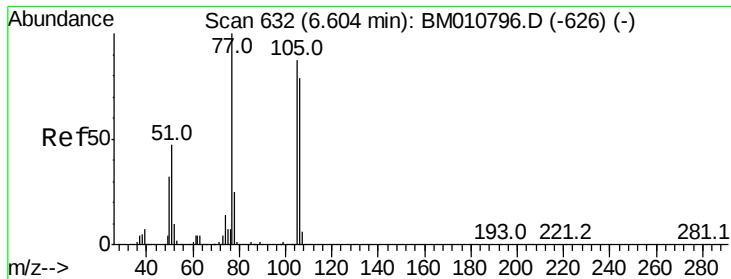
Ion Ratio Lower Upper

128 100

130 151.5 12.0 52.0#

64 11384.5 24.9 64.9#

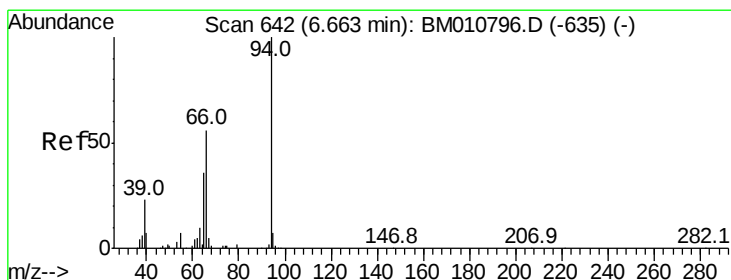
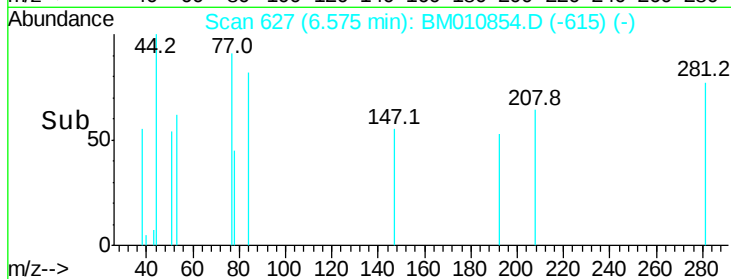
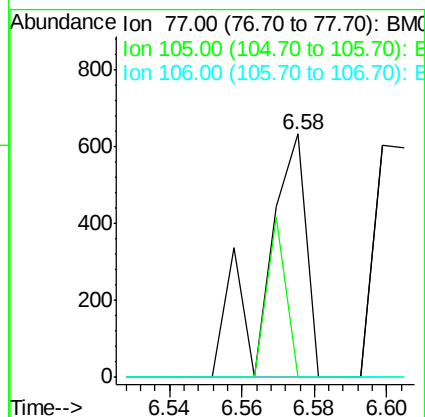
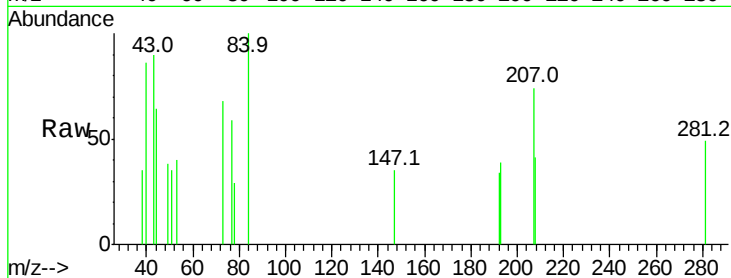




#9
Benzaldehyde
Concen: 0.032 ng
RT: 6.58 min Scan# 627
Delta R.T. -0.03 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

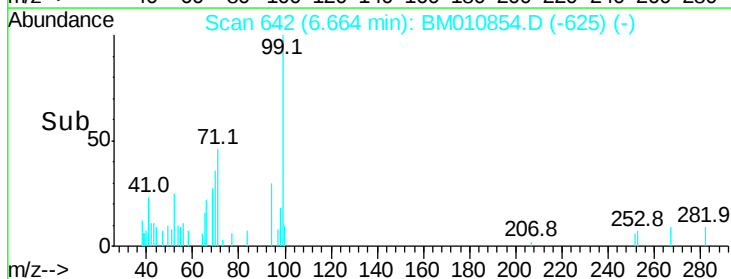
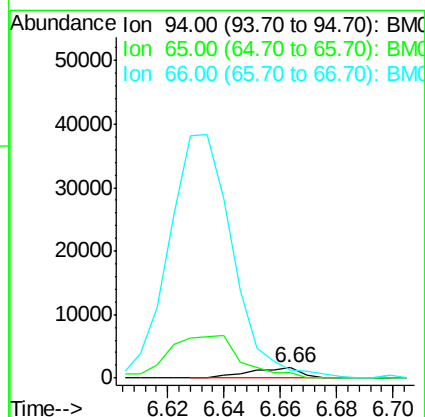
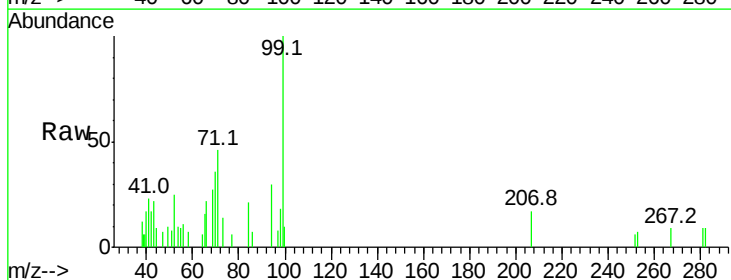
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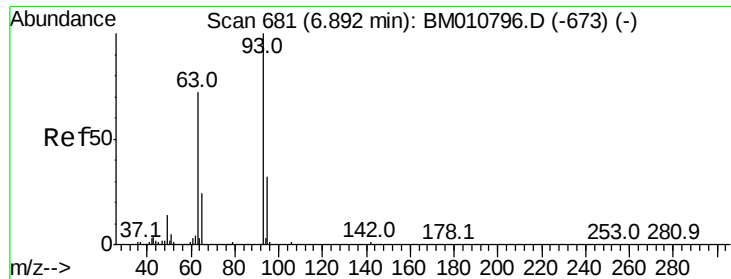
Tot Ion: 77 Resp: 499
Ion Ratio Lower Upper
77 100
105 0.0 78.8 118.8#
106 0.0 73.7 113.7#



#10
Phenol
Concen: 0.086 ng
RT: 6.66 min Scan# 642
Delta R.T. 0.00 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion: 94 Resp: 2053
Ion Ratio Lower Upper
94 100
65 53.6 18.8 58.8
66 73.7 39.9 79.9

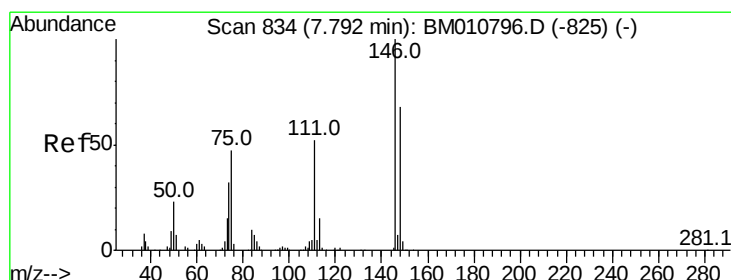
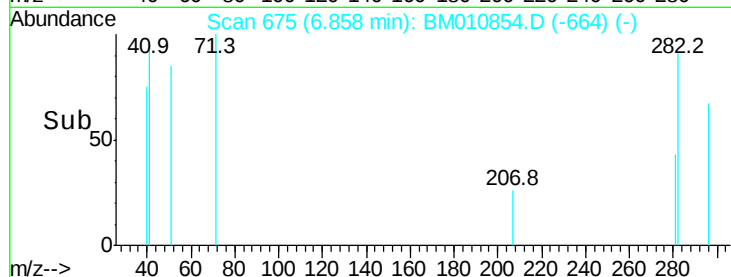
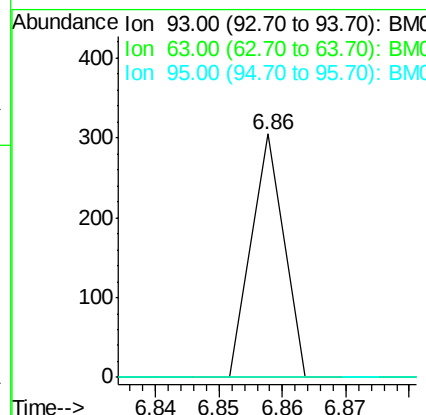
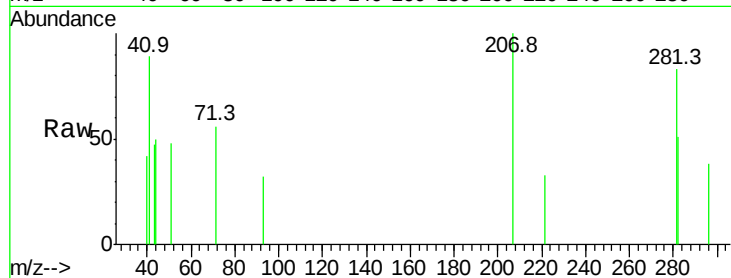




#11
bis(2-Chloroethyl)ether
Concen: 0.006 ng
RT: 6.86 min Scan# 675
Delta R.T. -0.03 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

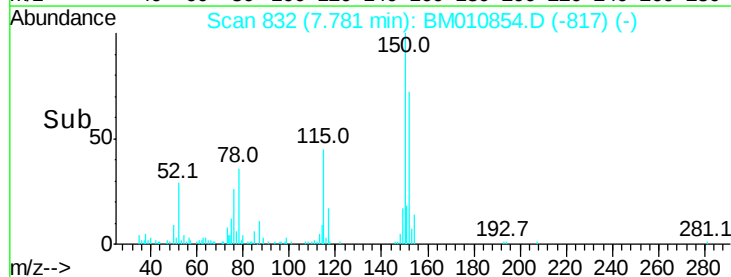
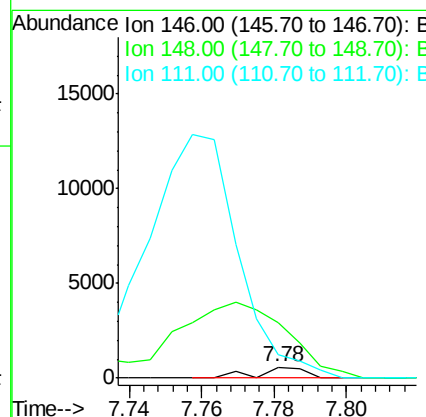
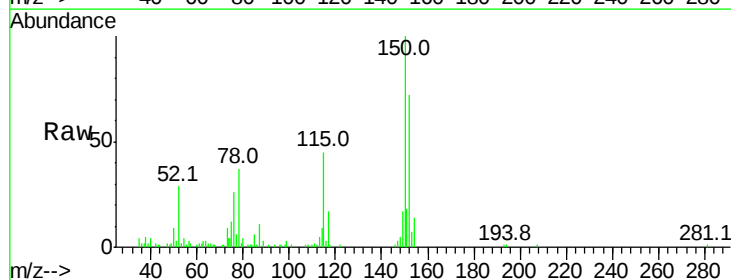
Instrument :
BNA_M
ClientSampleId :
3562-PP2

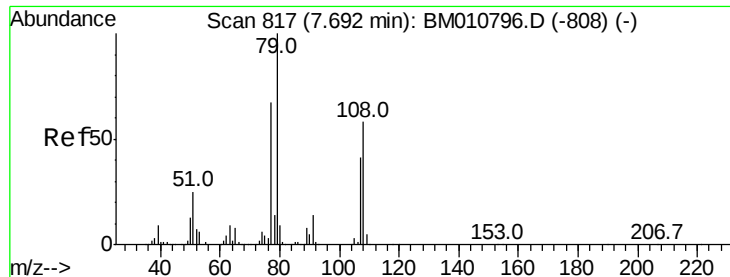
Tot Ion: 93 Resp: 108
Ion Ratio Lower Upper
93 100
63 0.0 49.5 89.5#
95 0.0 13.5 53.5#



#14
1,2-Dichlorobenzene
Concen: 0.025 ng
RT: 7.78 min Scan# 832
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion: 146 Resp: 498
Ion Ratio Lower Upper
146 100
148 514.3 52.3 78.5#
111 221.8 30.6 45.8#





#15

Benzyl Alcohol

Concen: 1.317 ng

RT: 7.75 min Scan# 827

Delta R.T. 0.06 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampled :

3562-PP2

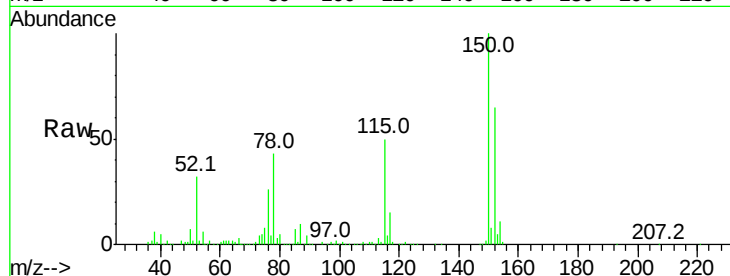
Tot Ion: 79 Resp: 28145

Ion Ratio Lower Upper

79 100

108 46.6 65.0 97.4#

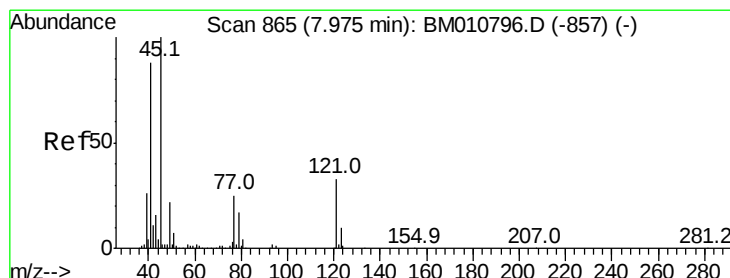
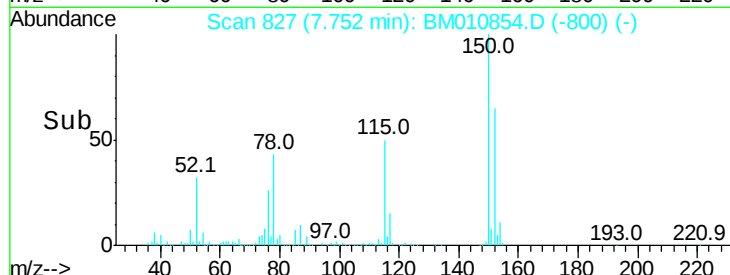
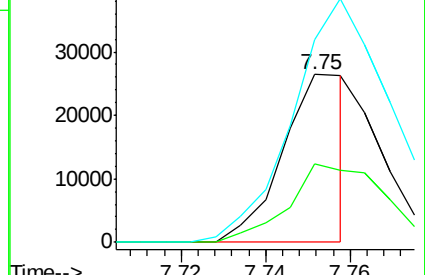
77 120.7 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM010796.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-808) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.009 ng

RT: 7.93 min Scan# 857

Delta R.T. -0.05 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

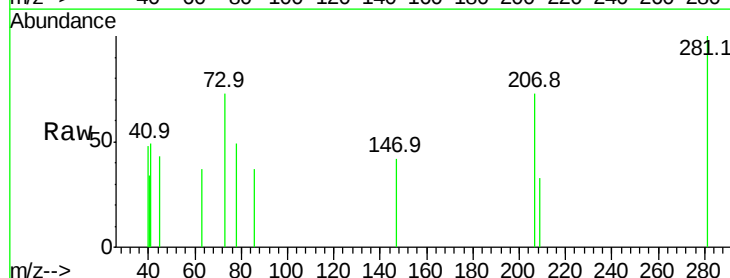
Tgt Ion: 45 Resp: 139

Ion Ratio Lower Upper

45 100

77 0.0 0.0 35.2

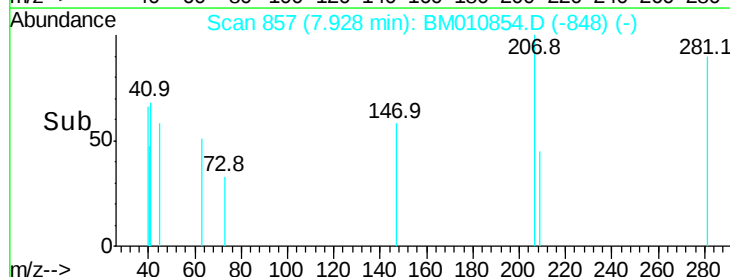
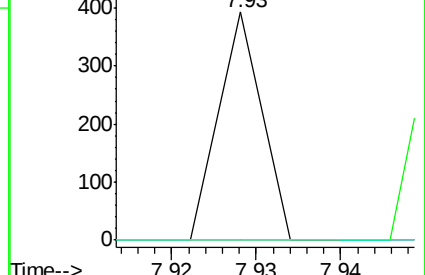
79 0.0 0.0 32.0

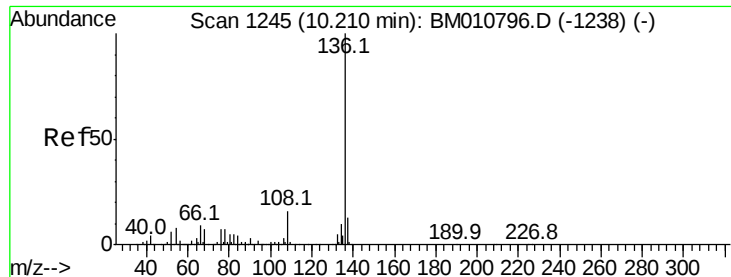


Abundance Ion 45.00 (44.70 to 45.70): BM010796.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM010796.D (-857) (-)

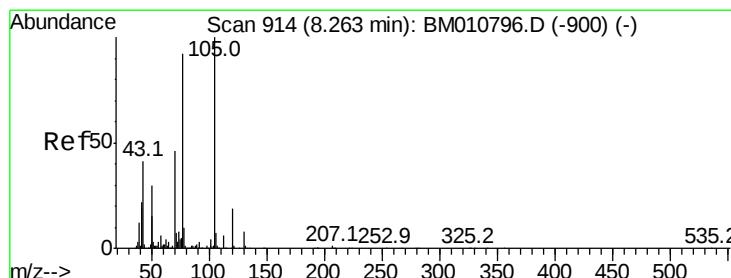
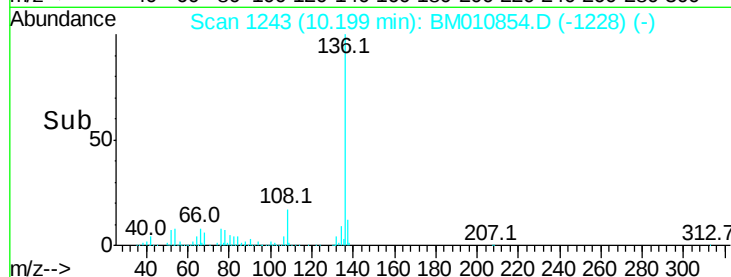
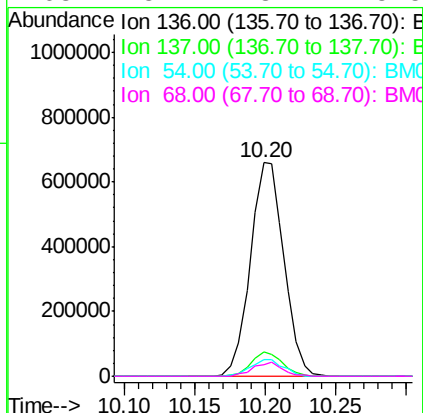
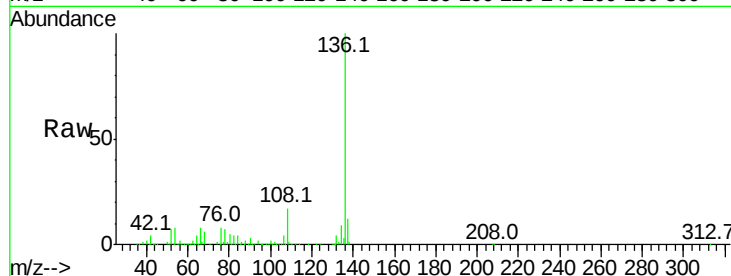




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.20 min Scan# 1243
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

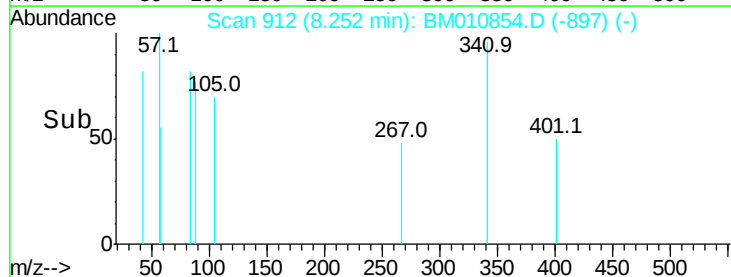
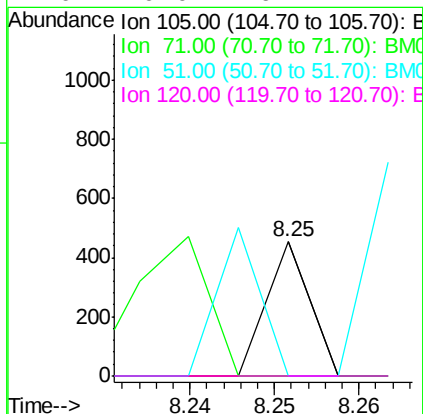
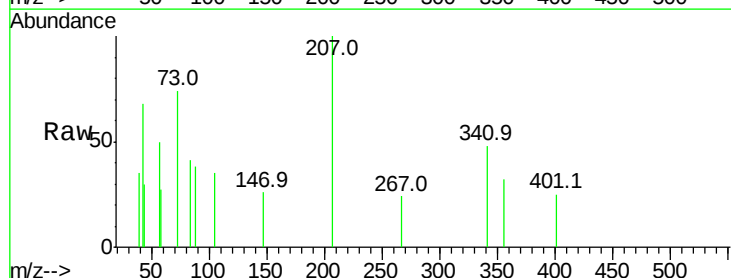
Instrument :
BNA_M
ClientSampleId :
3562-PP2

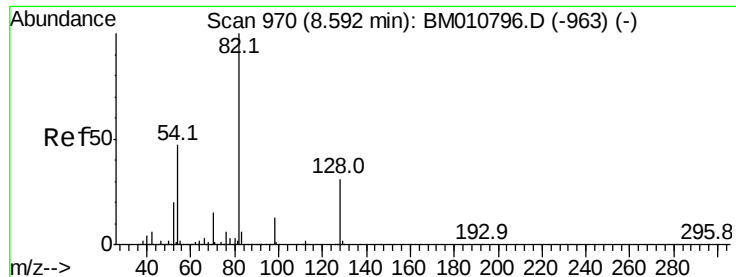
Tot Ion:136 Resp: 1099796
Ion Ratio Lower Upper
136 100
137 11.7 8.7 13.1
54 7.7 4.6 6.8#
68 5.7 3.7 5.5#



#22
Acetophenone
Concen: 0.005 ng
RT: 8.25 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion:105 Resp: 160
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#





#23

Nitrobenzene-d5

Concen: 83.790 ng

RT: 8.59 min Scan# 969

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

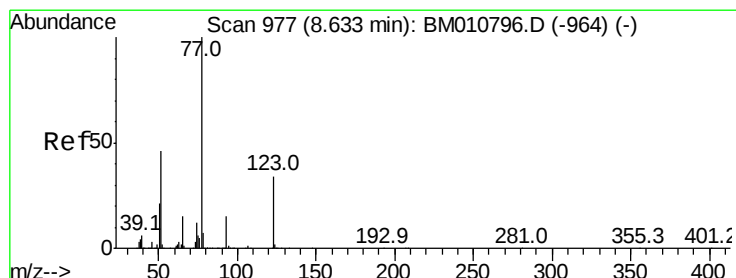
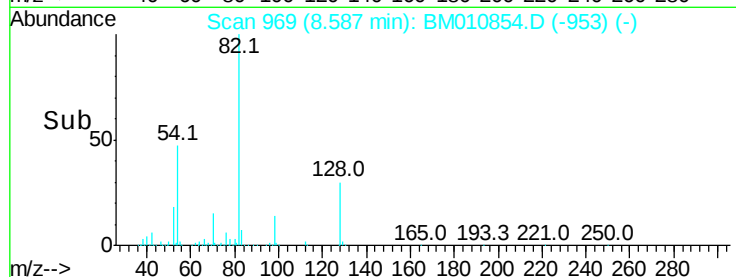
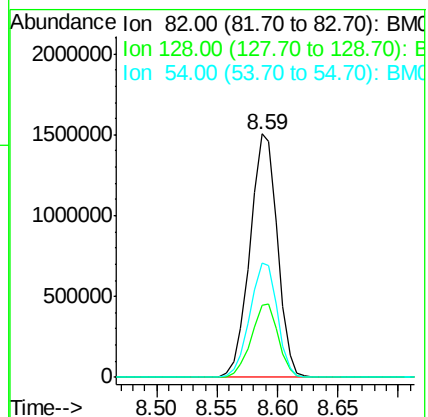
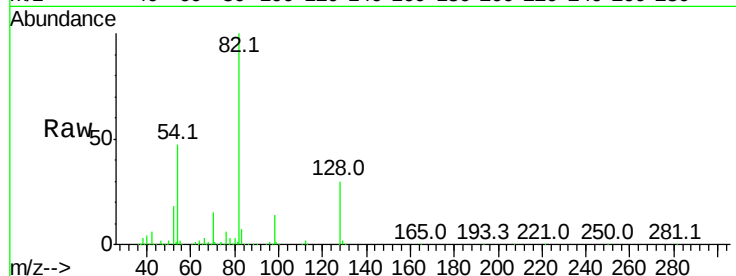
Tot Ion: 82 Resp: 2397438

Ion Ratio Lower Upper

82 100

128 29.6 32.8 49.2#

54 47.2 40.6 60.8



#24

Nitrobenzene

Concen: 0.429 ng

RT: 8.59 min Scan# 970

Delta R.T. -0.04 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

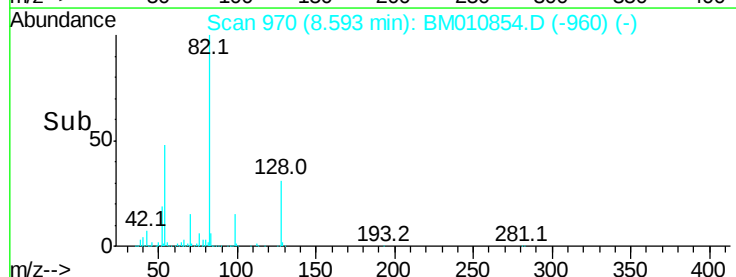
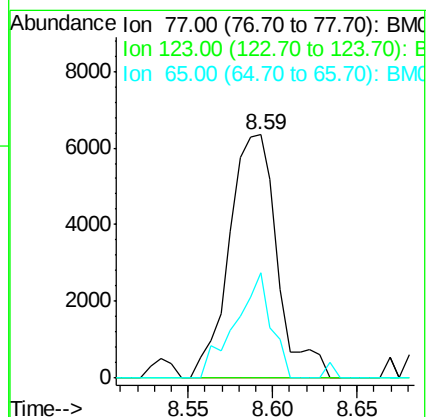
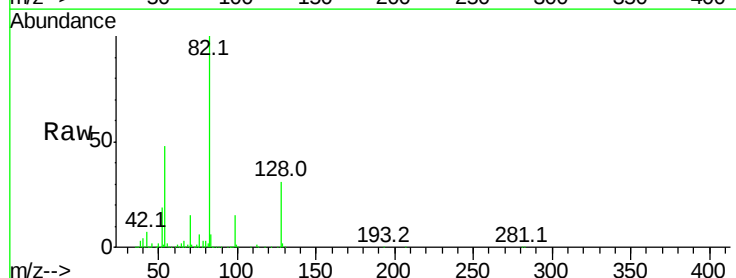
Tgt Ion: 77 Resp: 12570

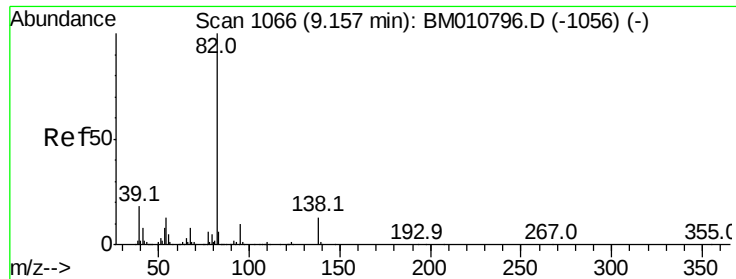
Ion Ratio Lower Upper

77 100

123 0.0 32.6 49.0#

65 43.2 10.9 16.3#





#25

Isophorone

Concen: 0.003 ng

RT: 9.15 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampled :

3562-PP2

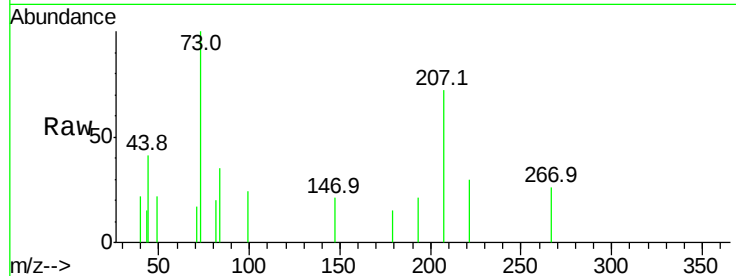
Tot Ion: 82 Resp: 148

Ion Ratio Lower Upper

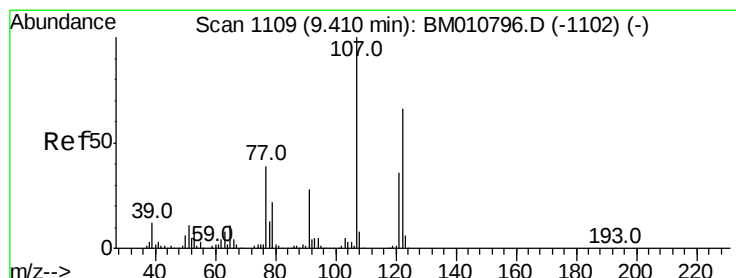
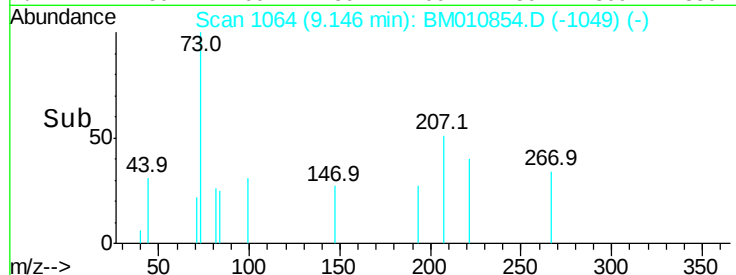
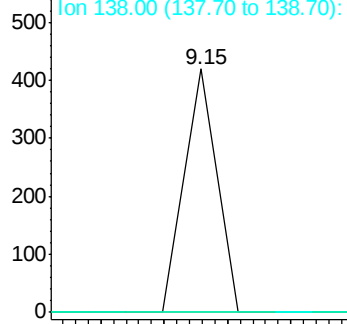
82 100

95 0.0 5.8 8.6#

138 0.0 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM010796.D (-1056) (-)



#27

2,4-Dimethylphenol

Concen: 0.047 ng

RT: 9.45 min Scan# 1115

Delta R.T. 0.04 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

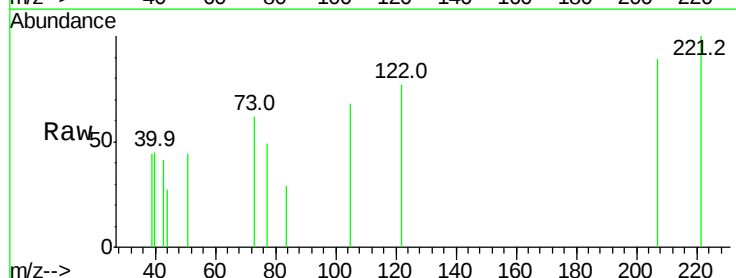
Tgt Ion: 122 Resp: 825

Ion Ratio Lower Upper

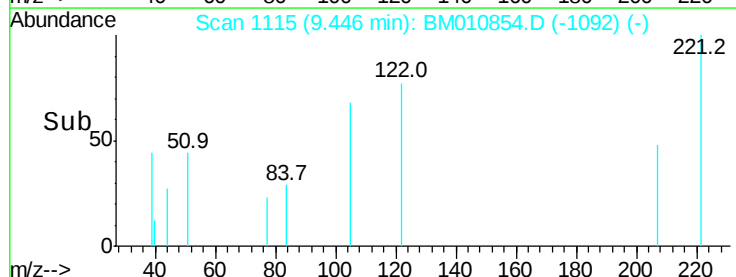
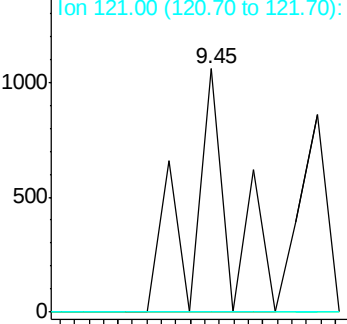
122 100

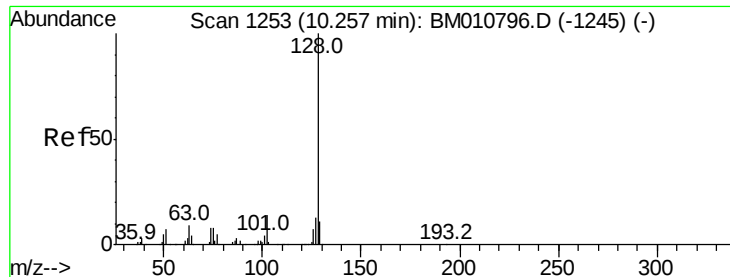
107 0.0 84.7 127.1#

121 0.0 46.6 69.8#



Abundance Ion 122.00 (121.70 to 122.70): BM010796.D (-1102) (-)

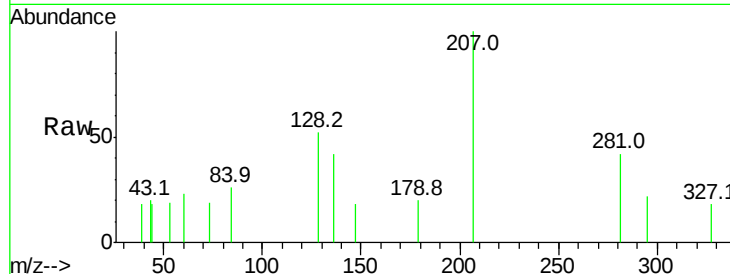




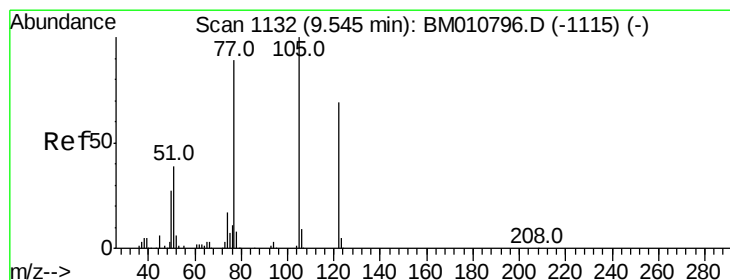
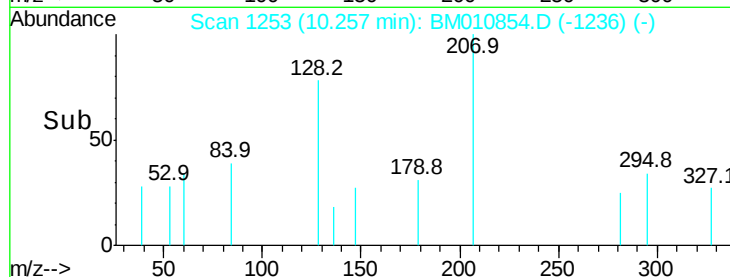
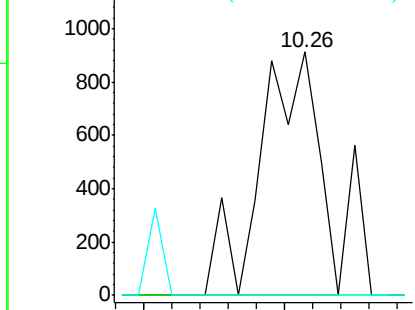
#31
Naphthalene
Concen: 0.023 ng
RT: 10.26 min Scan# 1253
Delta R.T. 0.00 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Instrument :
BNA_M
ClientSampleId :
3562-PP2

Tot Ion:128 Resp: 1287
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.4 15.6#

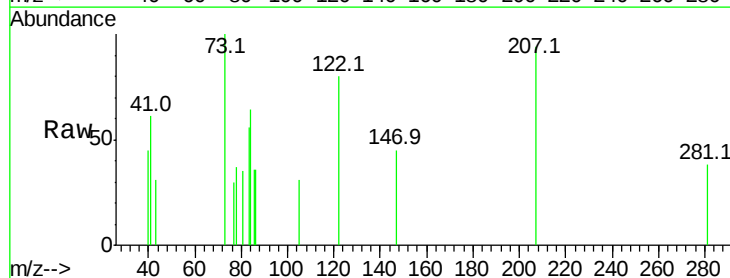


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

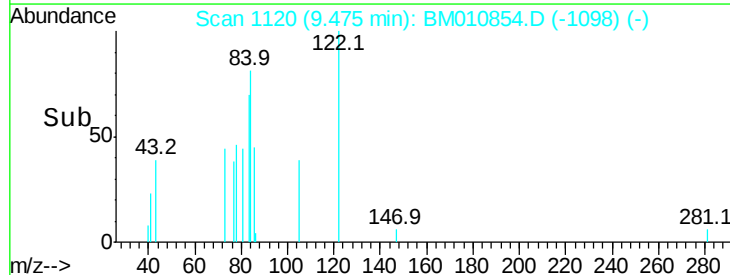
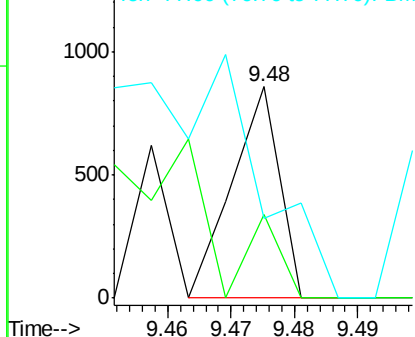


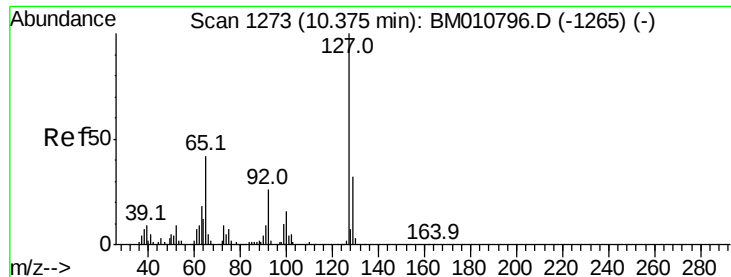
#32
Benzoic acid
Concen: 0.032 ng
RT: 9.48 min Scan# 1120
Delta R.T. -0.07 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion:122 Resp: 440
Ion Ratio Lower Upper
122 100
105 39.4 99.9 139.9#
77 37.7 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

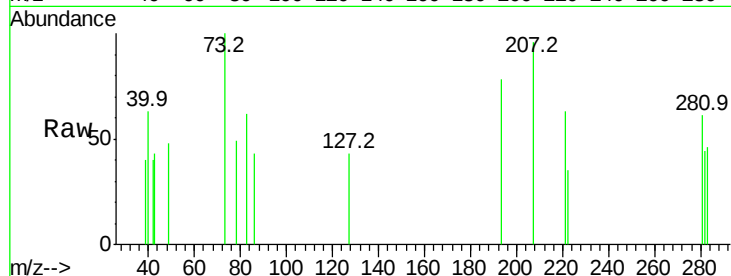




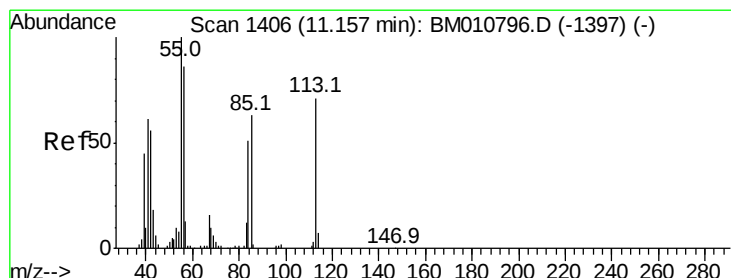
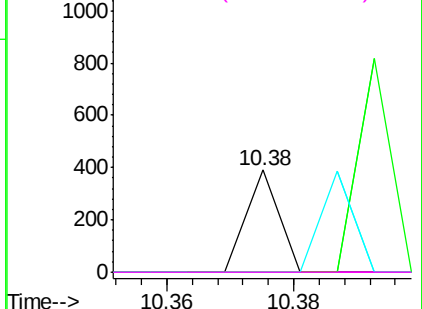
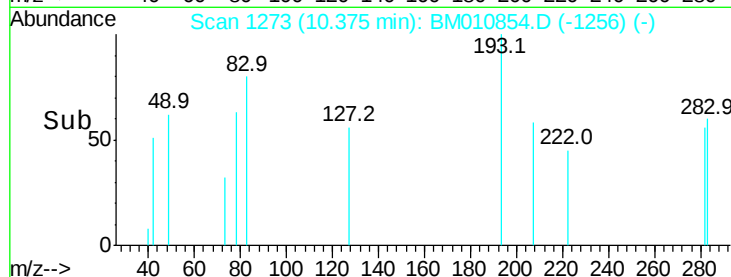
#33
4-Chloroaniline
Concen: 0.006 ng
RT: 10.38 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Instrument :
BNA_M
ClientSampled :
3562-PP2

Tot Ion:127 Resp: 137
Ion Ratio Lower Upper
127 100
129 0.0 25.3 37.9#
65 0.0 17.6 26.4#
92 0.0 13.1 19.7#

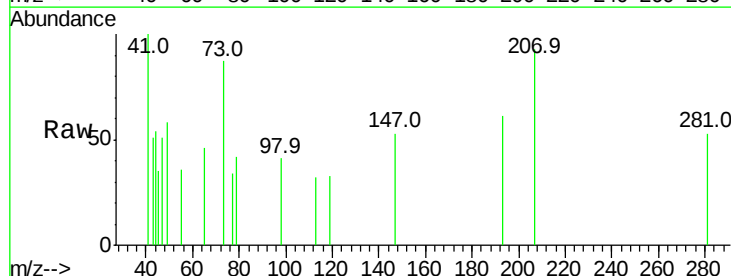


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

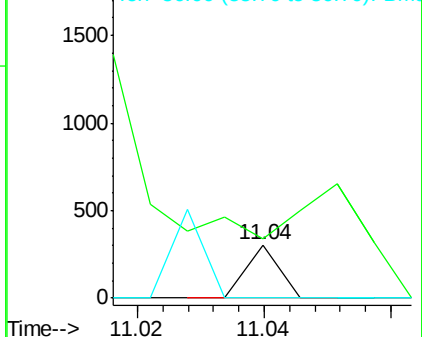
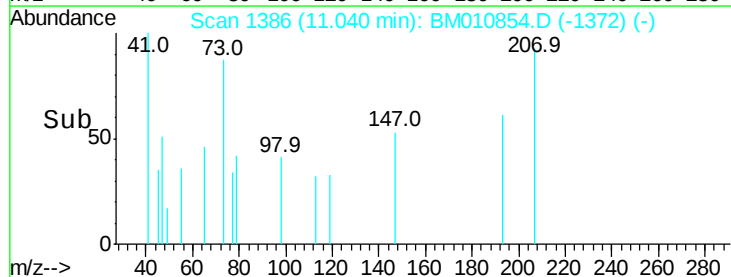


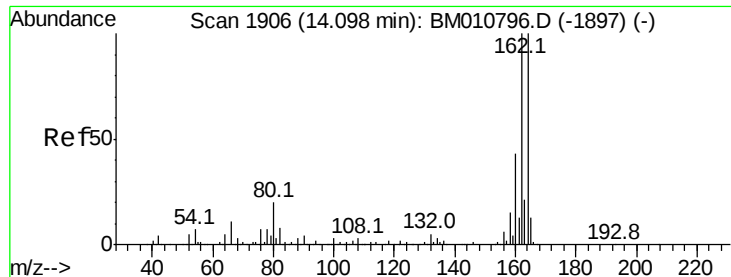
#35
Caprolactam
Concen: 0.020 ng
RT: 11.04 min Scan# 1386
Delta R.T. -0.12 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion:113 Resp: 107
Ion Ratio Lower Upper
113 100
55 112.5 145.9 185.9#
56 0.0 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.09 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

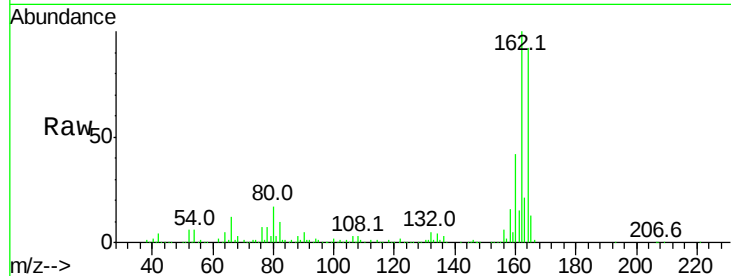
Tot Ion:164 Resp: 675537

Ion Ratio Lower Upper

164 100

162 109.1 82.4 123.6

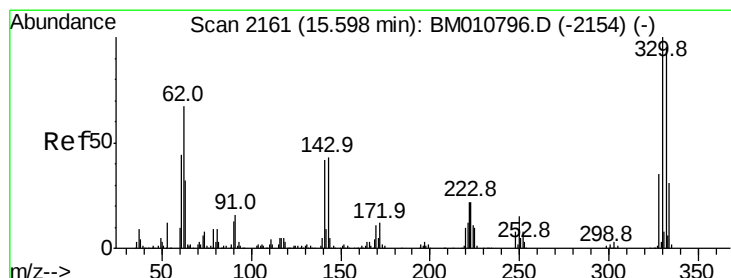
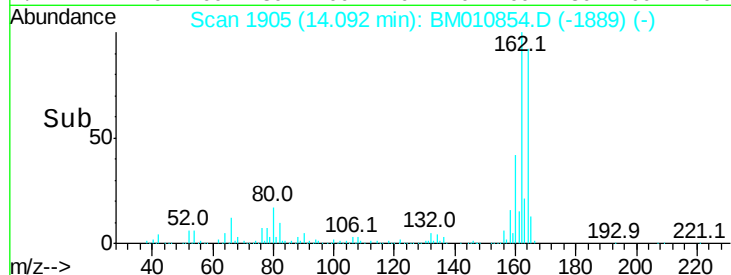
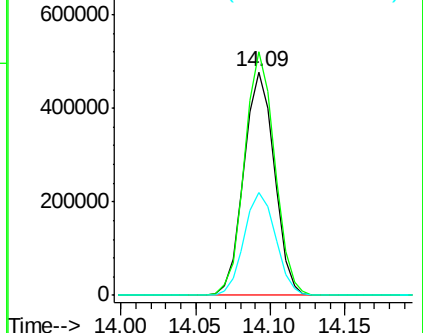
160 46.1 35.8 53.6



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: 131.922 ng

RT: 15.59 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

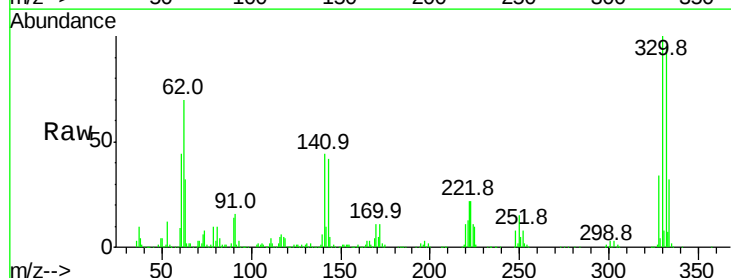
Tgt Ion:330 Resp: 1361891

Ion Ratio Lower Upper

330 100

332 95.7 0.0 0.0#

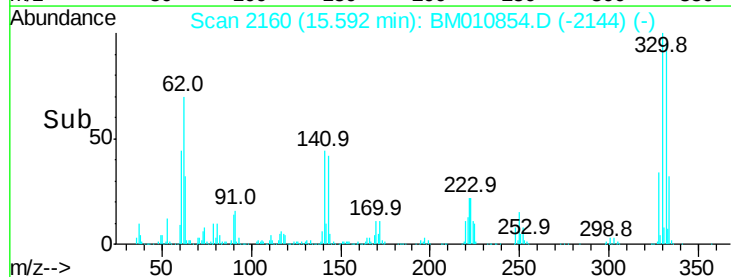
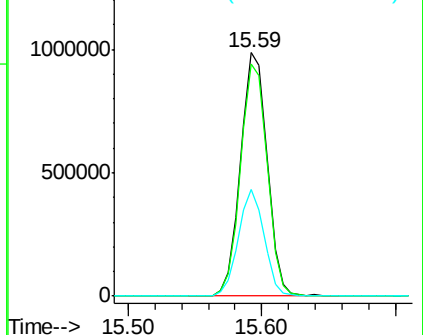
141 42.7 0.0 0.0#

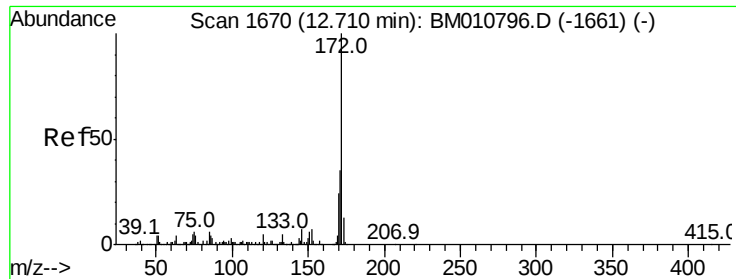


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 92.120 ng

RT: 12.71 min Scan# 1670

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

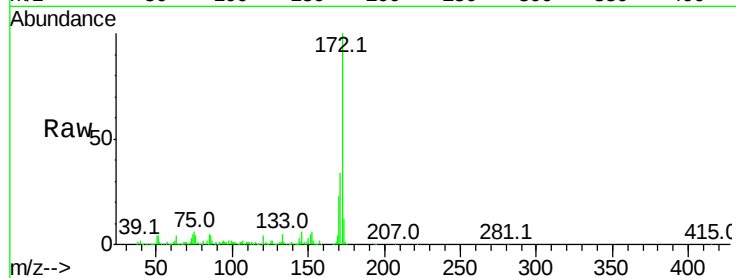
BNA_M

ClientSampleId :

3562-PP2

Tot Ion:172 Resp: 5002367

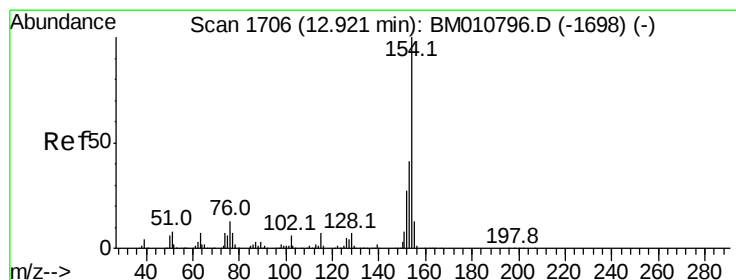
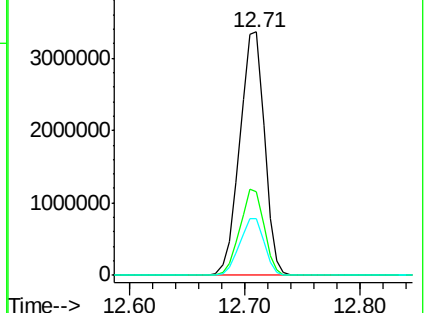
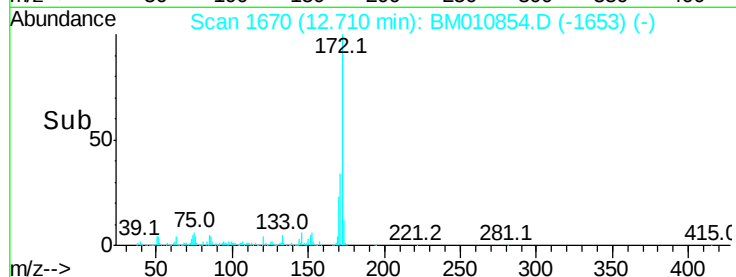
Ion	Ratio	Lower	Upper
172	100		
171	34.4	28.5	42.7
170	23.2	18.8	28.2



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 0.106 ng

RT: 12.92 min Scan# 1705

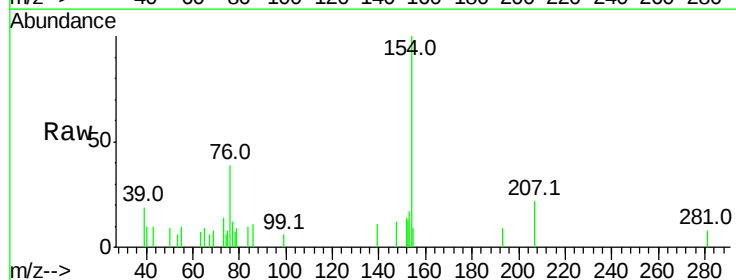
Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Tgt Ion:154 Resp: 6237

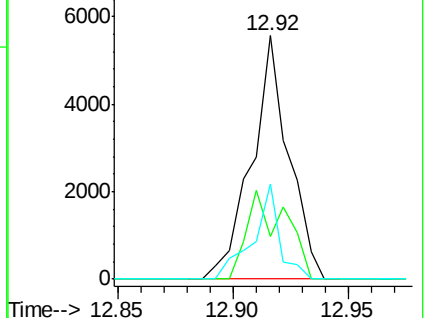
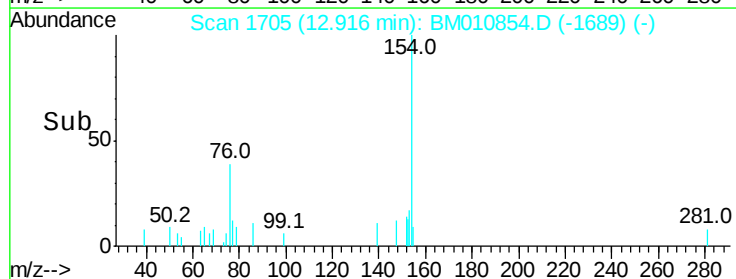
Ion	Ratio	Lower	Upper
154	100		
153	17.3	20.7	60.7#
76	39.1	0.0	30.9#

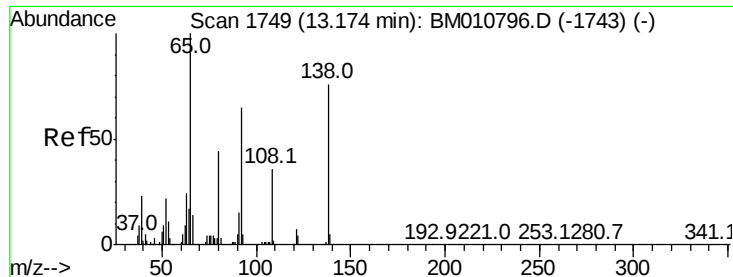


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM





#47

2-Nitroaniline

Concen: 0.025 ng

RT: 13.17 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

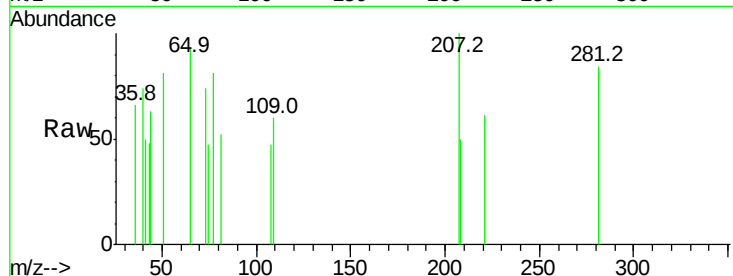
Tot Ion: 65 Resp: 355

Ion Ratio Lower Upper

65 100

92 0.0 59.1 88.7#

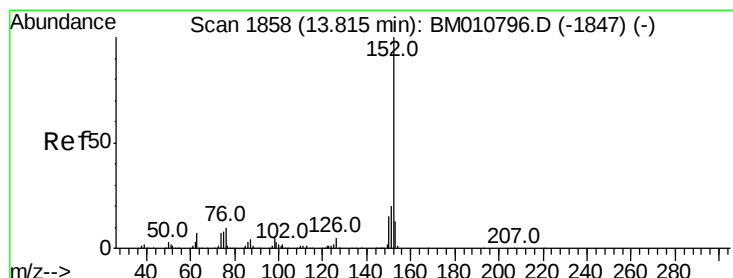
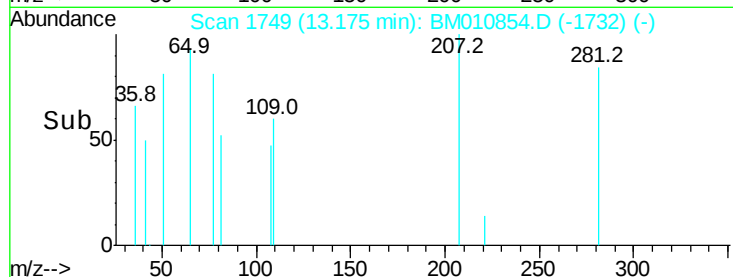
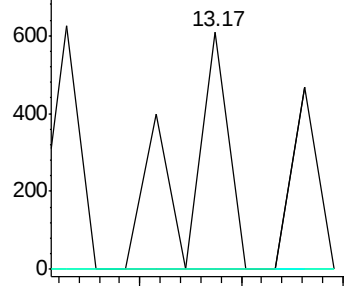
138 0.0 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM010854.D (-1732) (-)

Ion 92.00 (91.70 to 92.70): BM010854.D (-1732) (-)

Ion 138.00 (137.70 to 138.70): BM010854.D (-1732) (-)



#48

Acenaphthylene

Concen: 0.003 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

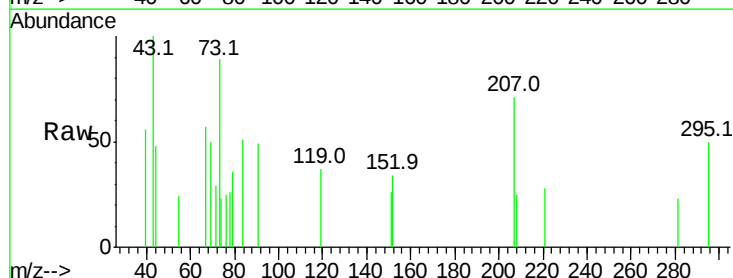
Tgt Ion: 152 Resp: 163

Ion Ratio Lower Upper

152 100

151 77.9 15.9 23.9#

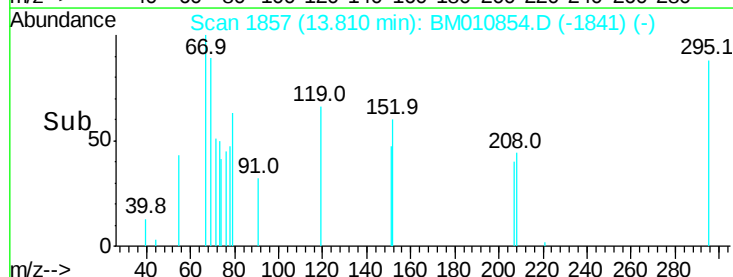
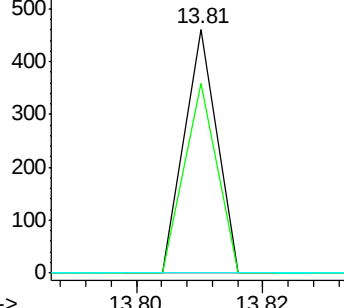
153 0.0 10.6 16.0#

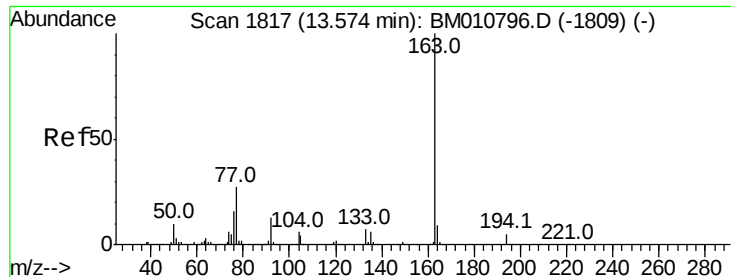


Abundance Ion 152.00 (151.70 to 152.70): BM010854.D (-1841) (-)

Ion 151.00 (150.70 to 151.70): BM010854.D (-1841) (-)

Ion 153.00 (152.70 to 153.70): BM010854.D (-1841) (-)





#49

Dimethylphthalate

Concen: 0.663 ng

RT: 13.56 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

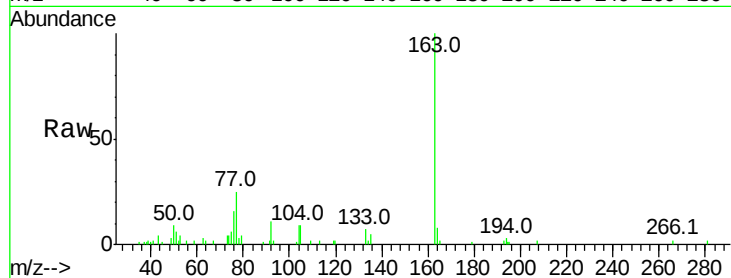
Tot Ion:163 Resp: 38095

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

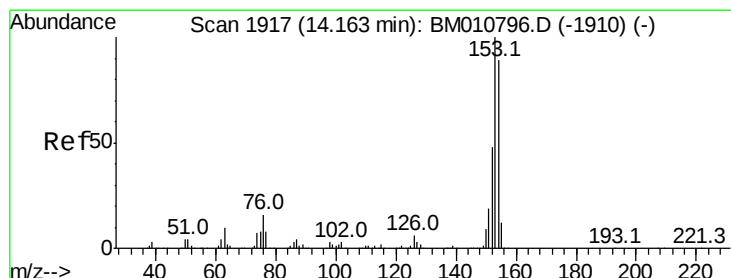
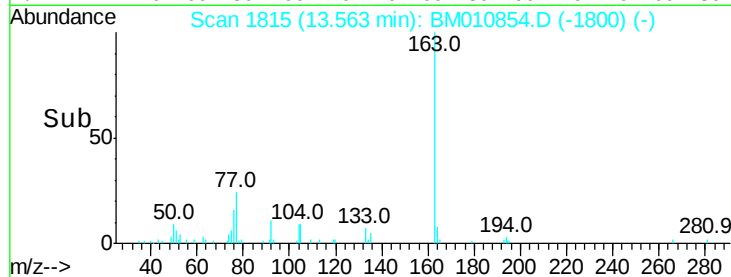
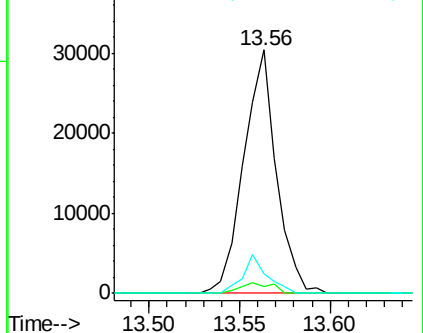
164 8.1 8.2 12.2#



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: 0.004 ng

RT: 14.15 min Scan# 1915

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

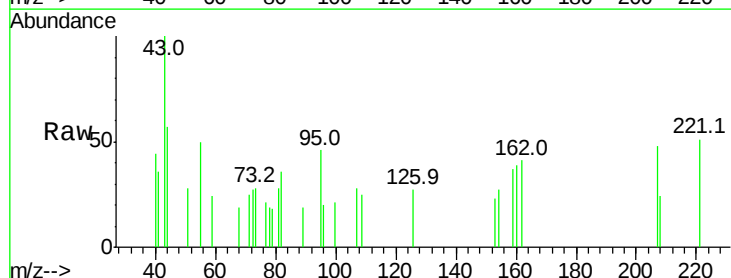
Tgt Ion:154 Resp: 155

Ion Ratio Lower Upper

154 100

153 86.1 90.0 135.0#

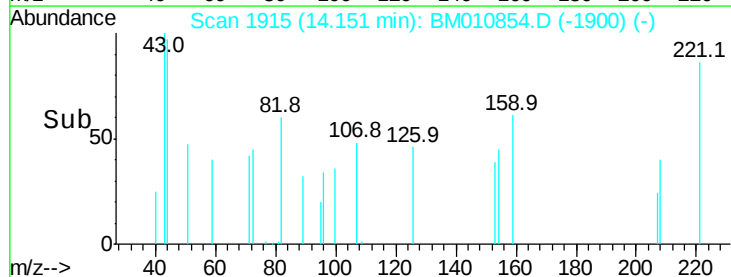
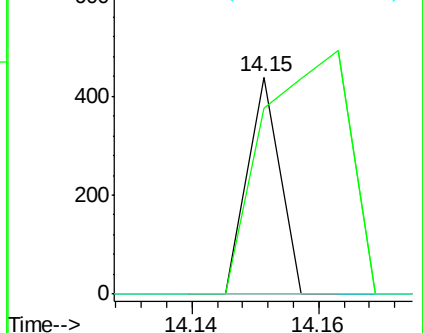
152 0.0 42.6 63.8#

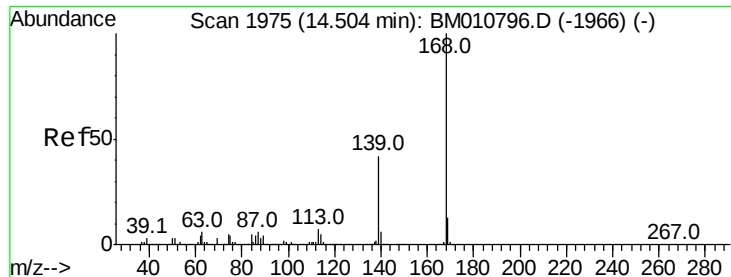


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 0.012 ng

RT: 14.49 min Scan# 1973

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

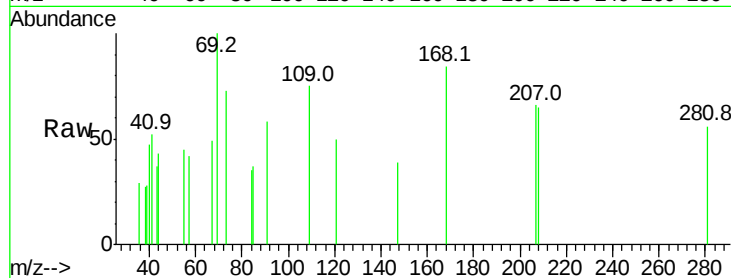
Tot Ion:168 Resp: 774

Ion Ratio Lower Upper

168 100

139 0.0 27.3 40.9#

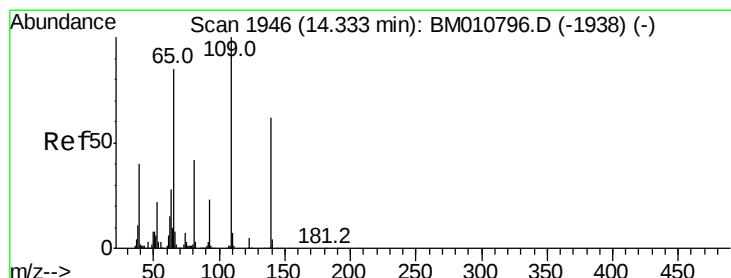
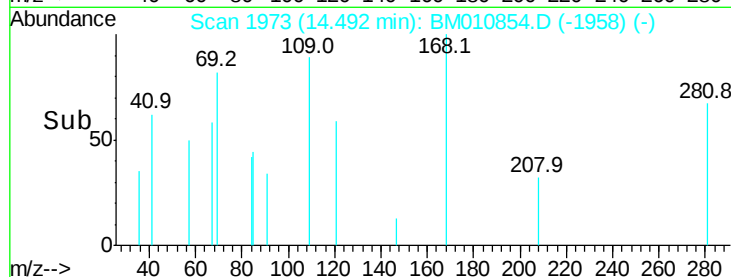
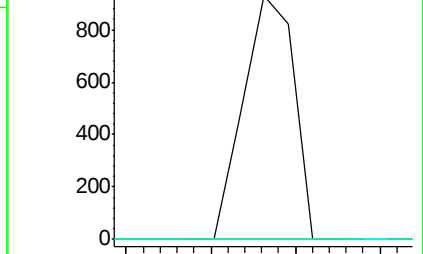
169 0.0 10.6 16.0#



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



#55

4-Nitrophenol

Concen: 0.032 ng

RT: 14.42 min Scan# 1961

Delta R.T. 0.09 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

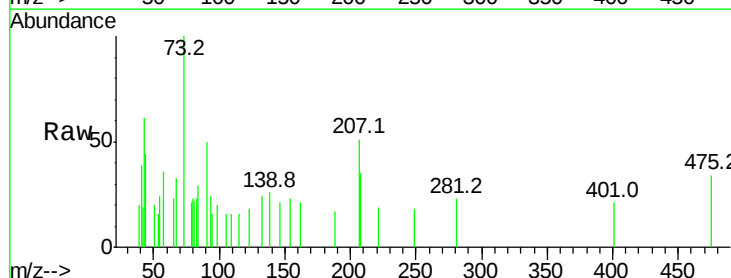
Tgt Ion:139 Resp: 287

Ion Ratio Lower Upper

139 100

109 59.8 37.7 77.7

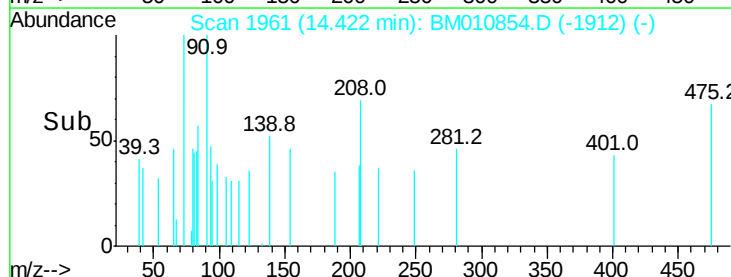
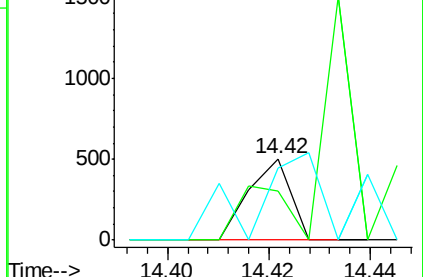
65 87.9 49.9 89.9

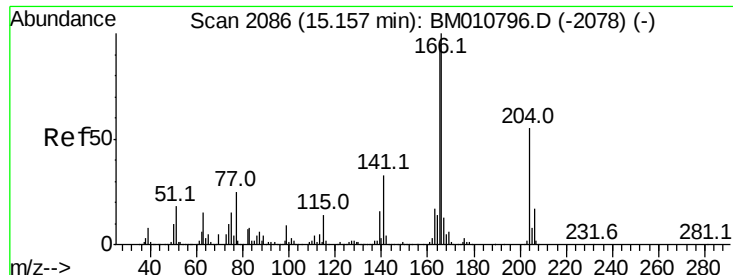


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM





#57

Fluorene

Concen: 0.010 ng

RT: 15.16 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampled :

3562-PP2

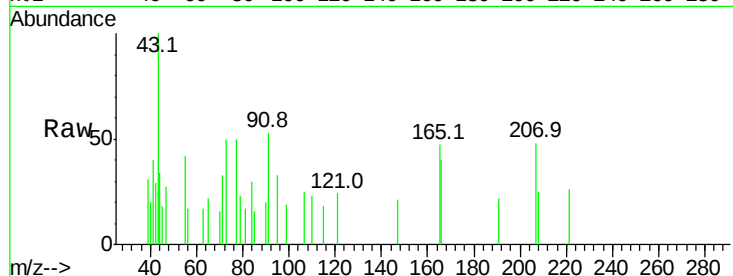
Tot Ion:166 Resp: 545

Ion Ratio Lower Upper

166 100

165 116.8 79.0 118.4

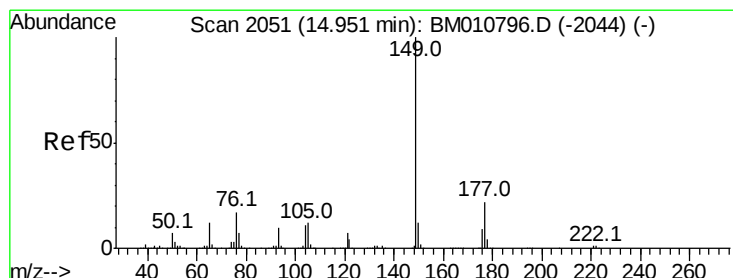
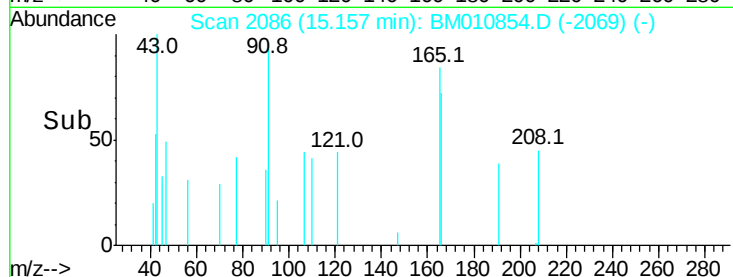
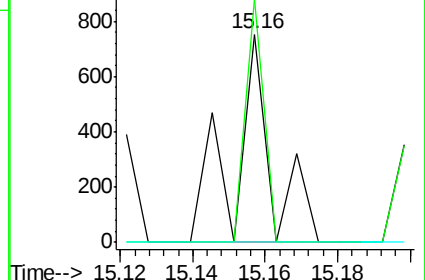
167 0.0 10.3 15.5#



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: 0.066 ng

RT: 14.95 min Scan# 2050

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

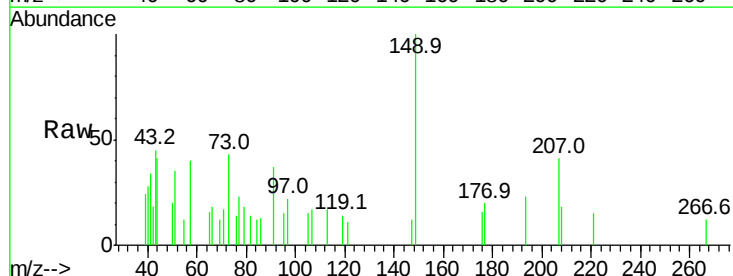
Tgt Ion:149 Resp: 3723

Ion Ratio Lower Upper

149 100

177 19.5 18.3 27.5

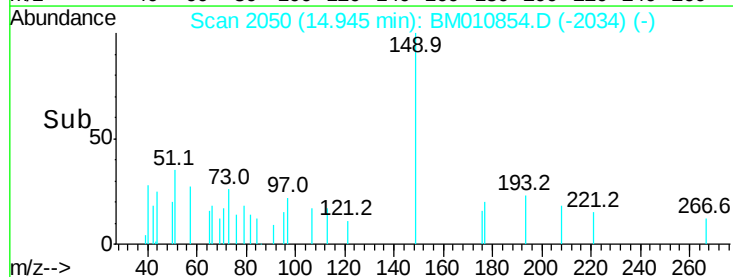
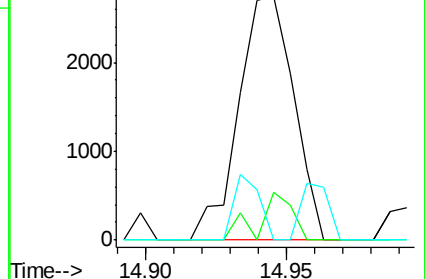
150 0.0 9.8 14.8#

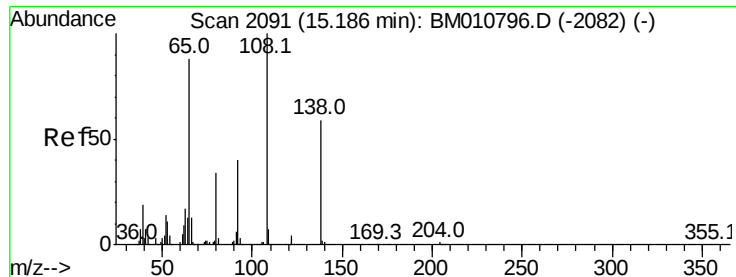


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

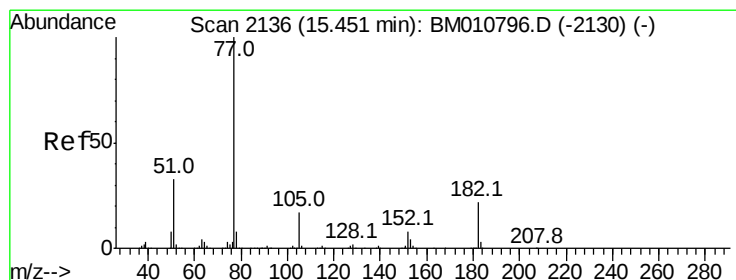
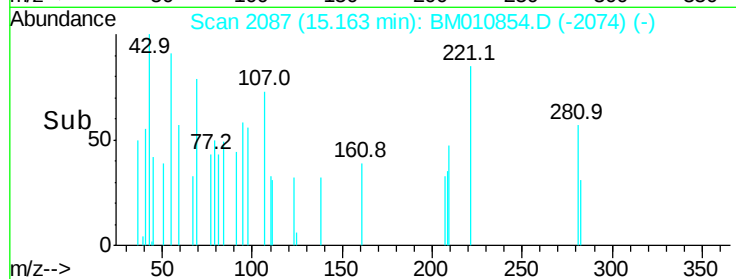
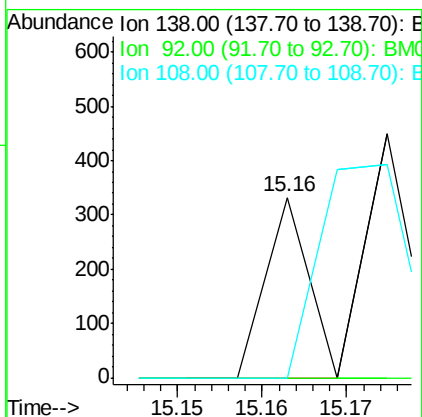
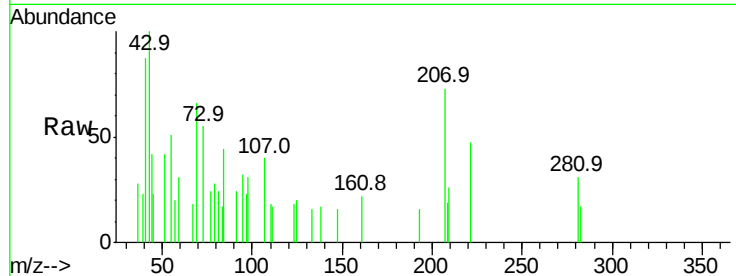




#61
4-Nitroaniline
Concen: 0.011 ng
RT: 15.16 min Scan# 2087
Delta R.T. -0.02 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

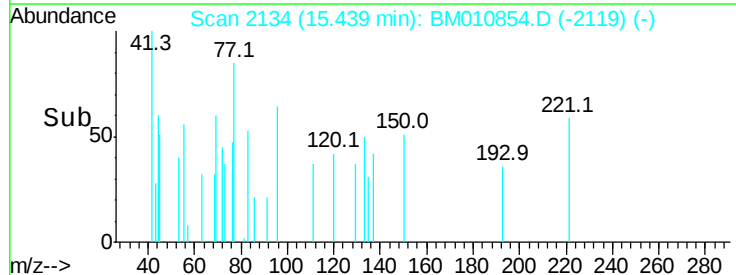
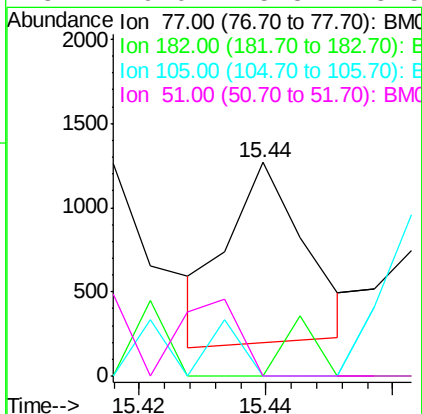
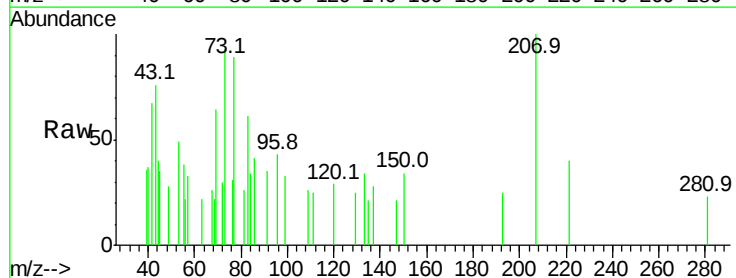
Instrument :
BNA_M
ClientSampleId :
3562-PP2

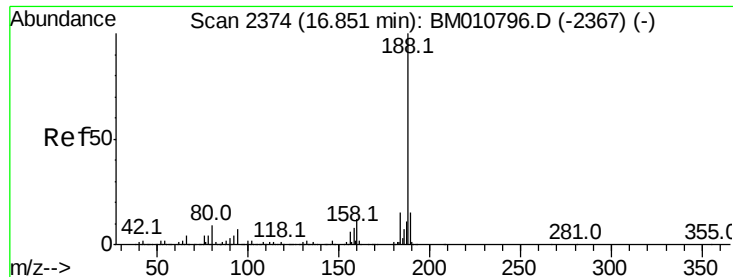
Tot Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 0.0 37.6 77.6#



#62
Azobenzene
Concen: 0.016 ng
RT: 15.44 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion: 77 Resp: 894
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: 20.000 ng

RT: 16.85 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

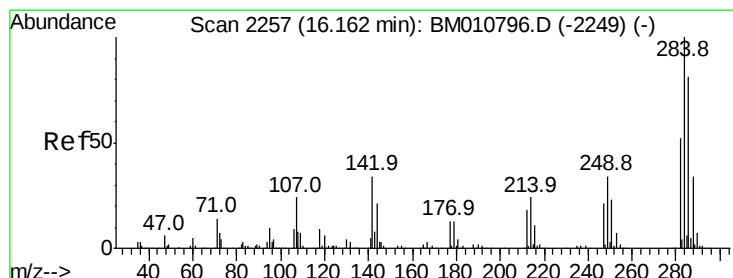
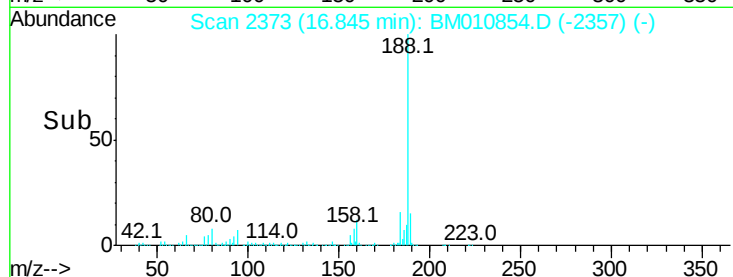
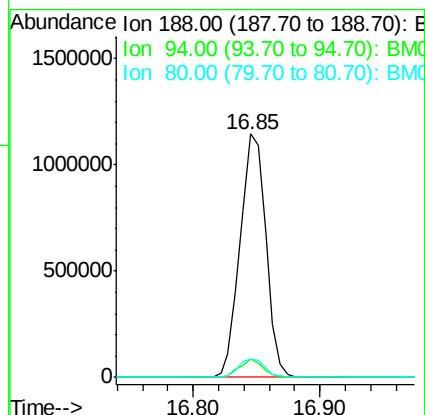
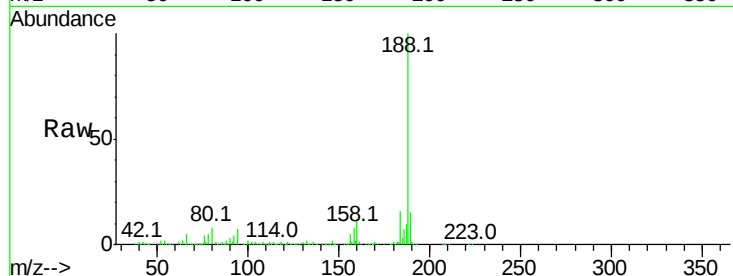
Tot Ion:188 Resp: 1613313

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

80 7.8 9.3 13.9#



#67

Hexachlorobenzene

Concen: 0.005 ng

RT: 16.07 min Scan# 2242

Delta R.T. -0.09 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

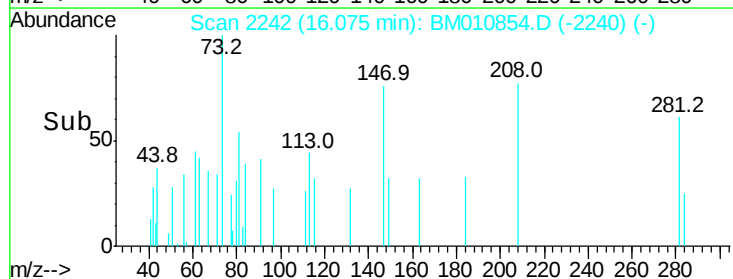
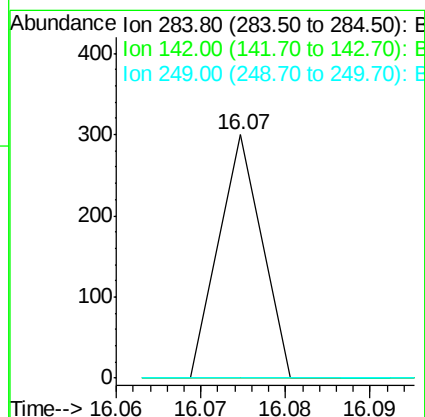
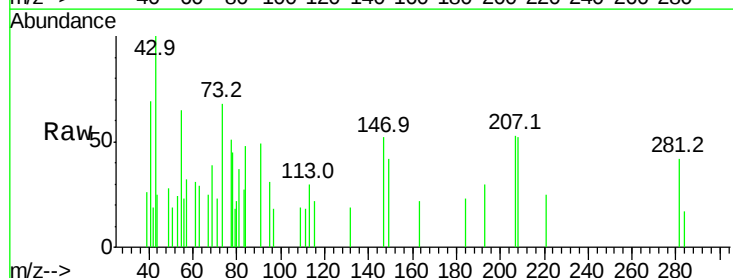
Tgt Ion:284 Resp: 106

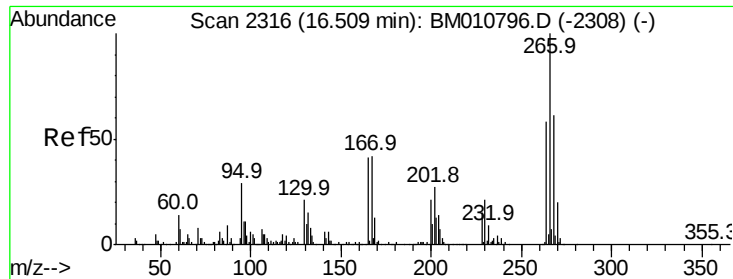
Ion Ratio Lower Upper

284 100

142 0.0 20.4 30.6#

249 0.0 23.8 35.6#





#69

Pentachlorophenol

Concen: 0.021 ng

RT: 16.49 min Scan# 2313

Delta R.T. -0.02 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

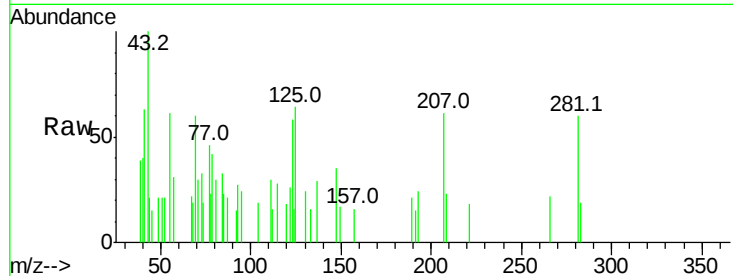
Tot Ion:266 Resp: 312

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

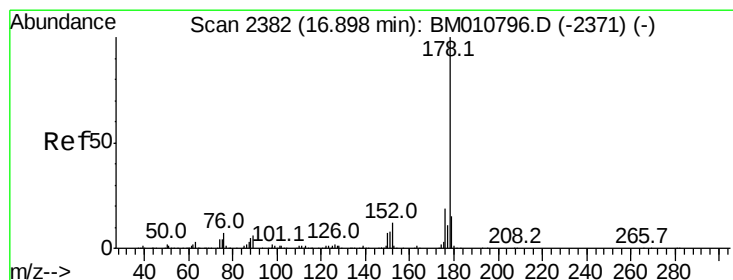
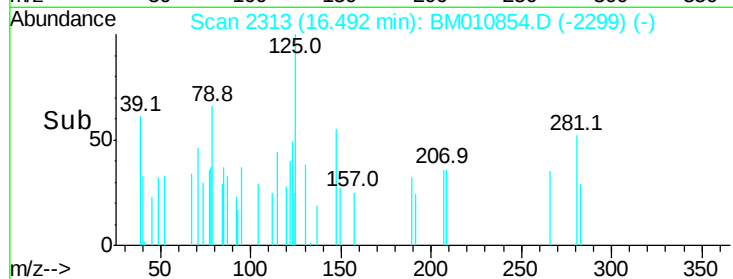
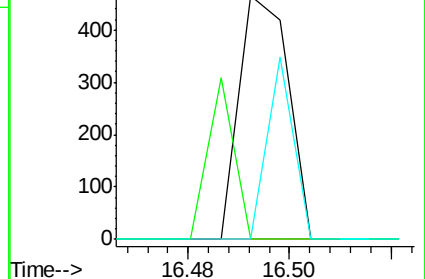
264 0.0 49.0 73.4#



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: 0.027 ng

RT: 16.88 min Scan# 2379

Delta R.T. -0.02 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

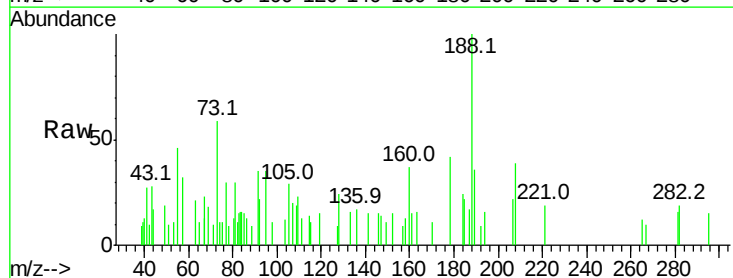
Tgt Ion:178 Resp: 2267

Ion Ratio Lower Upper

178 100

176 0.0 15.2 22.8#

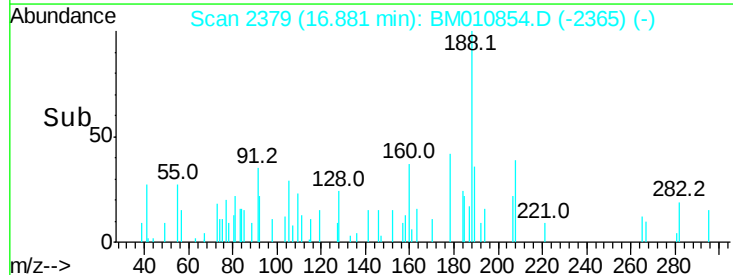
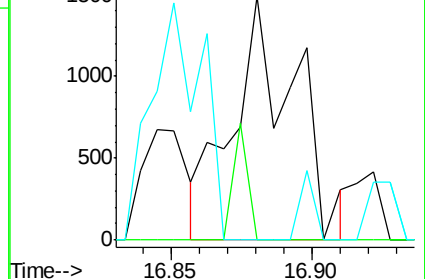
179 0.0 12.1 18.1#

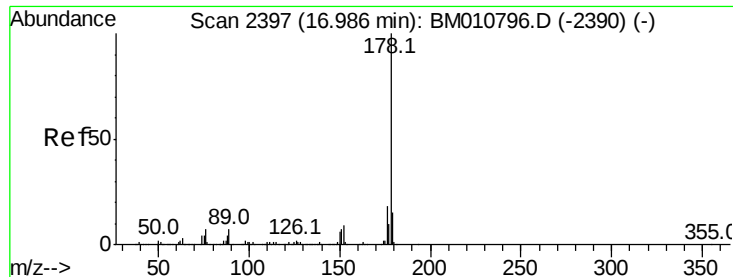


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 0.020 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

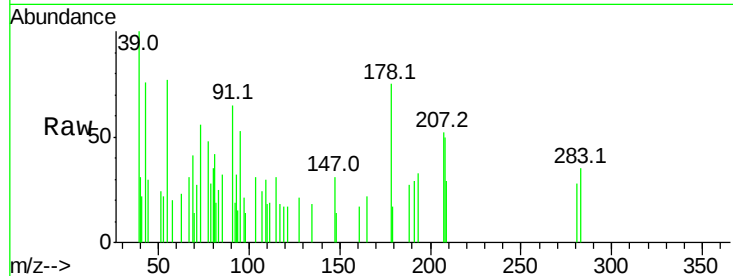
Tot Ion:178 Resp: 1656

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

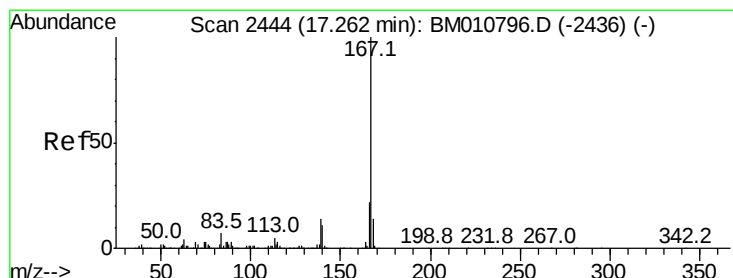
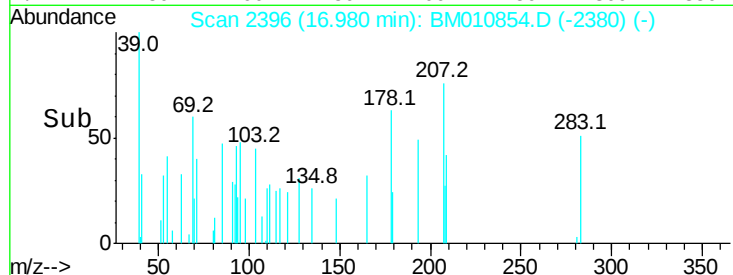
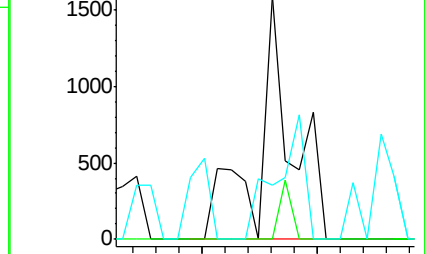
179 22.1 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 0.009 ng

RT: 17.26 min Scan# 2443

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

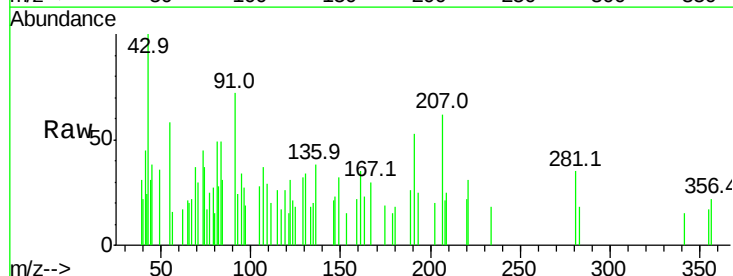
Tgt Ion:167 Resp: 694

Ion Ratio Lower Upper

167 100

166 0.0 17.2 25.8#

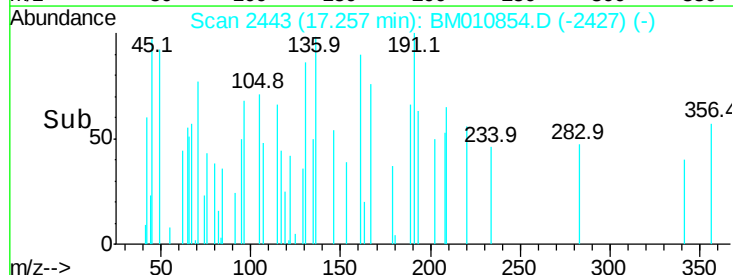
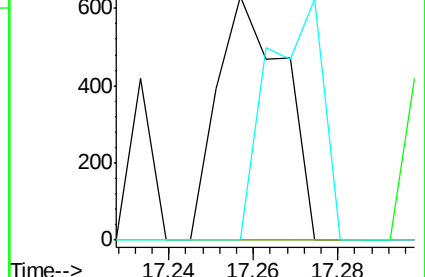
139 0.0 10.8 16.2#

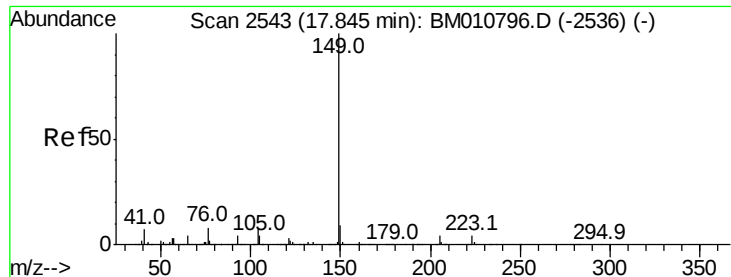


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

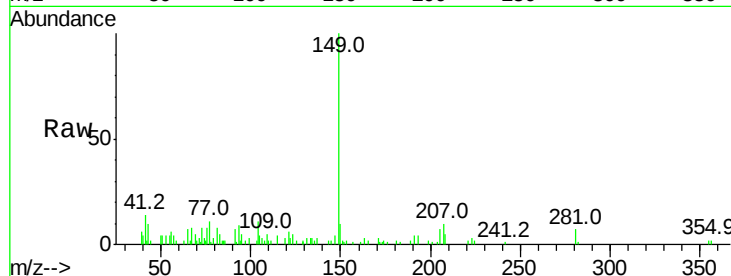




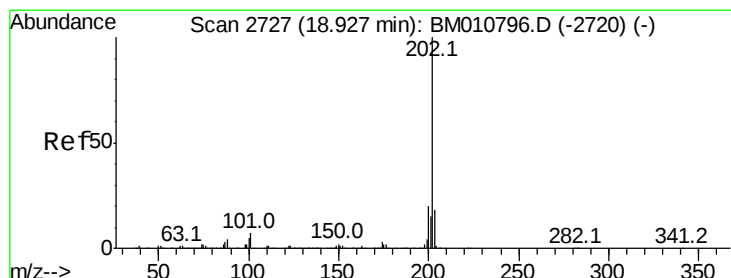
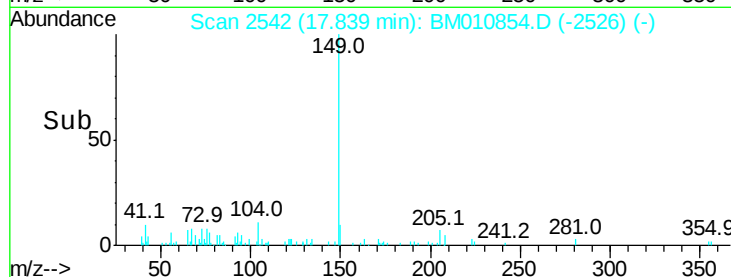
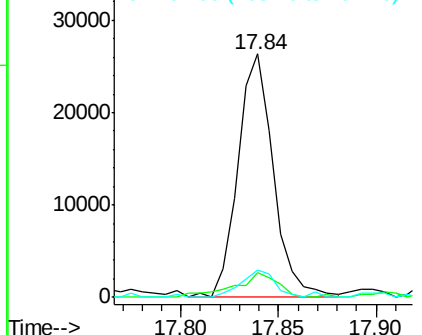
#73
Di-n-butylphthalate
Concen: 0.382 ng
RT: 17.84 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Instrument :
BNA_M
ClientSampleId :
3562-PP2

Tot Ion:149 Resp: 33167
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 11.4 3.7 5.5#

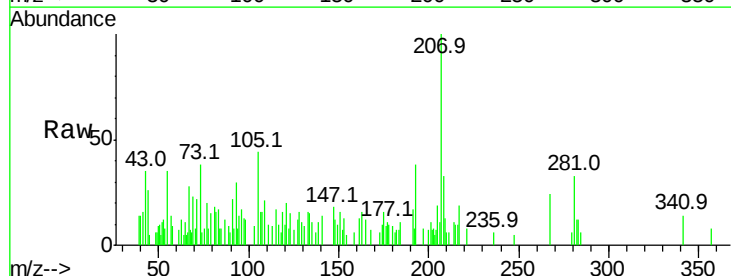


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

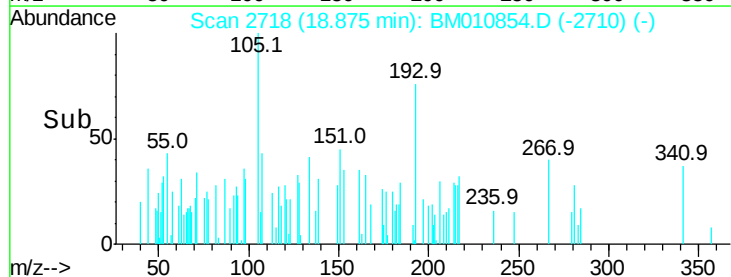
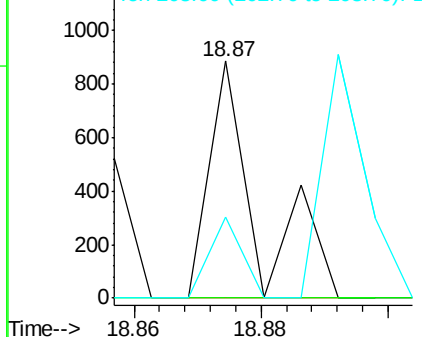


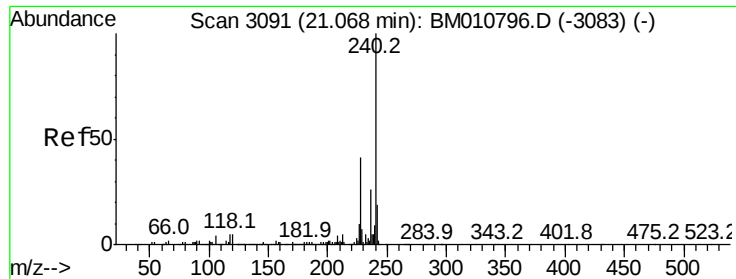
#74
Fluoranthene
Concen: 0.004 ng
RT: 18.87 min Scan# 2718
Delta R.T. -0.05 min
Lab File: BM010854.D
Acq: 18 Jul 2017 02:57

Tgt Ion:202 Resp: 462
Ion Ratio Lower Upper
202 100
101 0.0 0.0 28.7
203 34.0 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

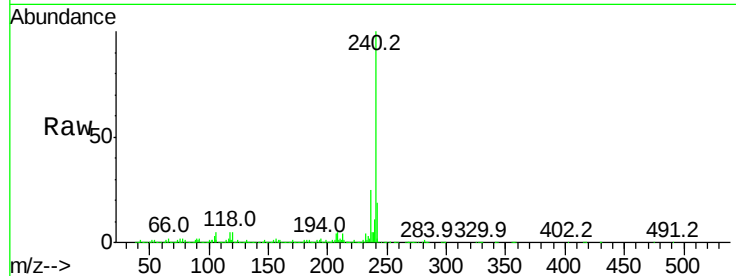
Tot Ion:240 Resp: 1741505

Ion Ratio Lower Upper

240 100

120 4.9 8.2 12.2#

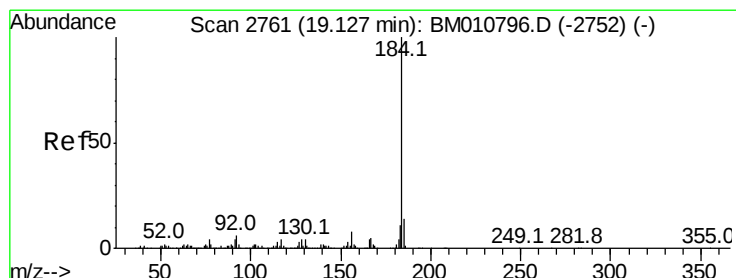
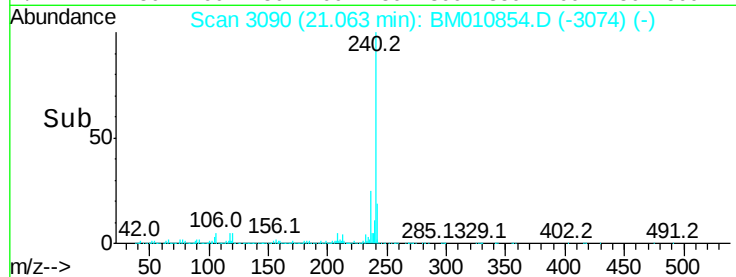
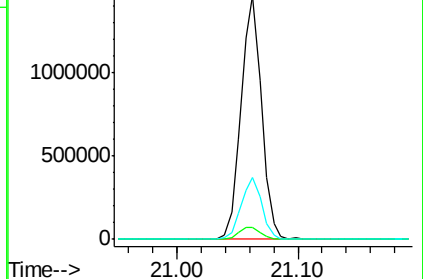
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.011 ng

RT: 19.13 min Scan# 2761

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

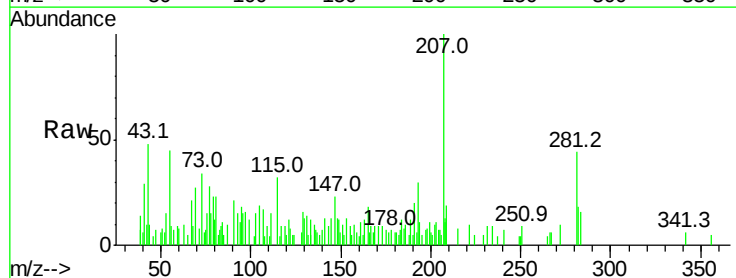
Tgt Ion:184 Resp: 492

Ion Ratio Lower Upper

184 100

185 65.8 11.3 16.9#

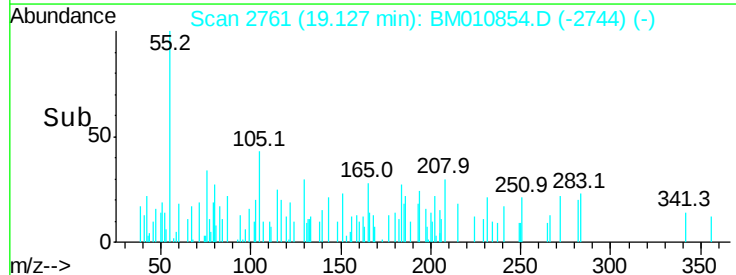
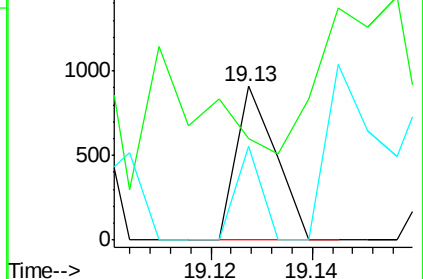
183 60.8 8.9 13.3#

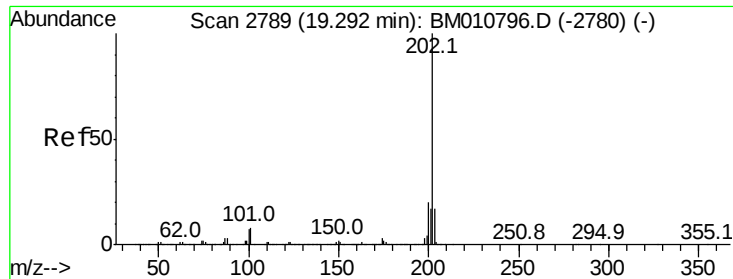


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 0.020 ng

RT: 19.28 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

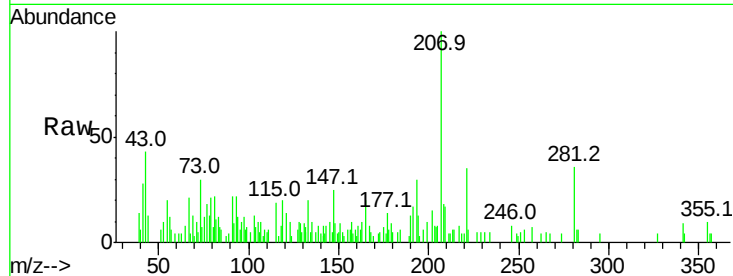
Tot Ion:202 Resp: 2033

Ion Ratio Lower Upper

202 100

200 0.0 16.9 25.3#

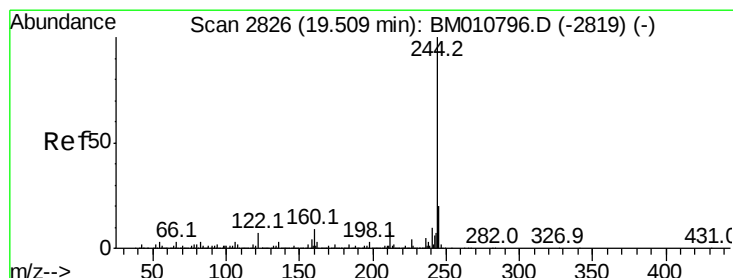
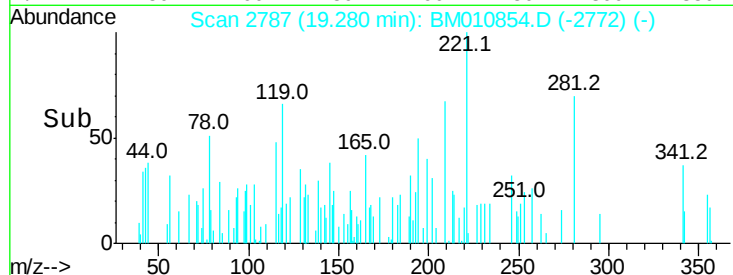
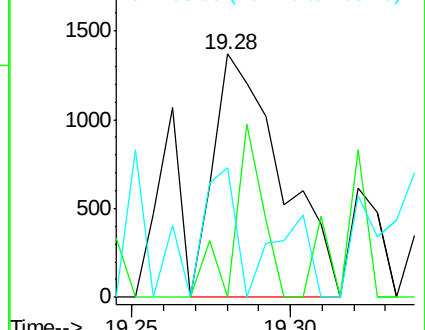
203 53.4 14.1 21.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 85.799 ng

RT: 19.51 min Scan# 2826

Delta R.T. 0.00 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

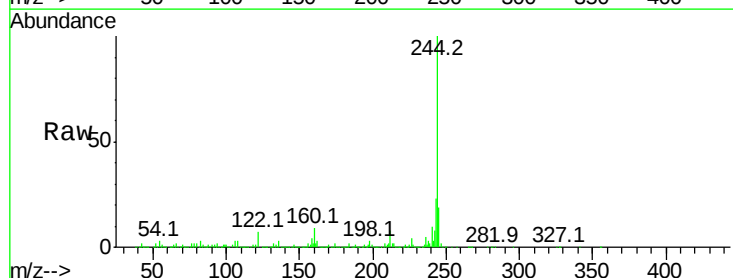
Tgt Ion:244 Resp: 7725550

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

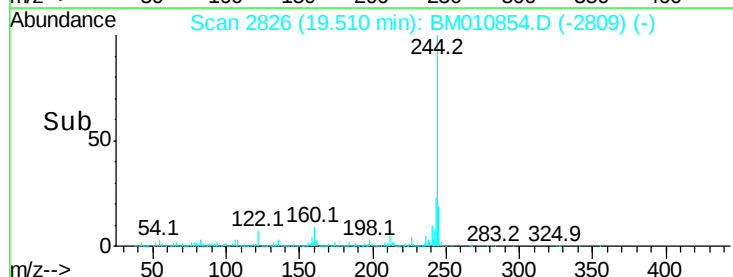
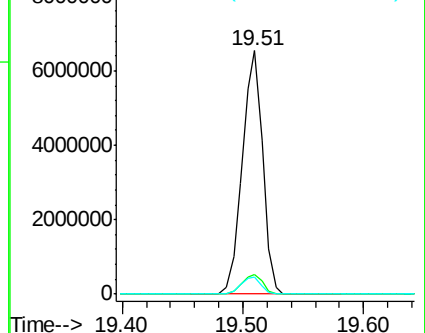
122 7.2 6.2 9.4

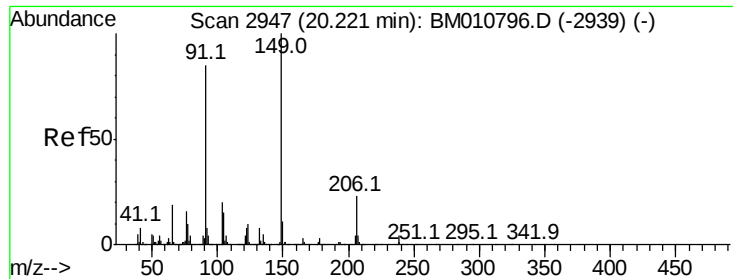


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

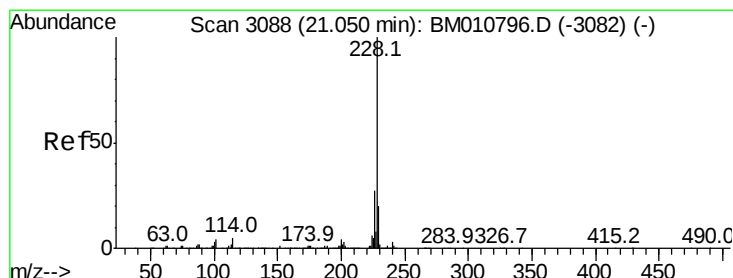
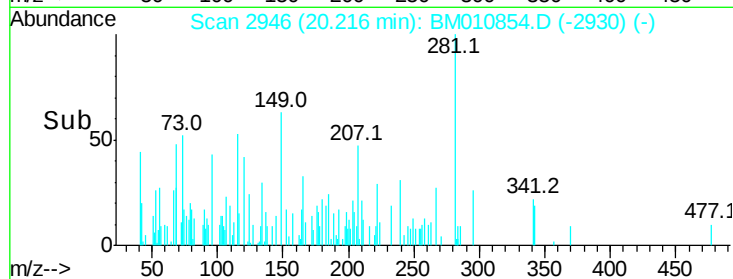
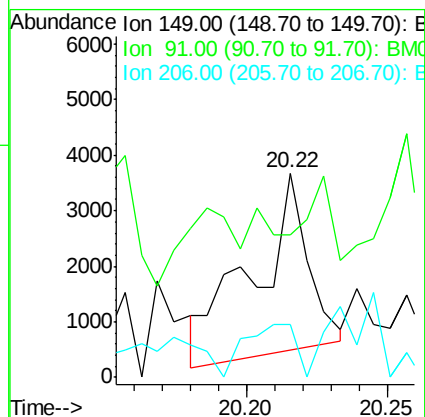
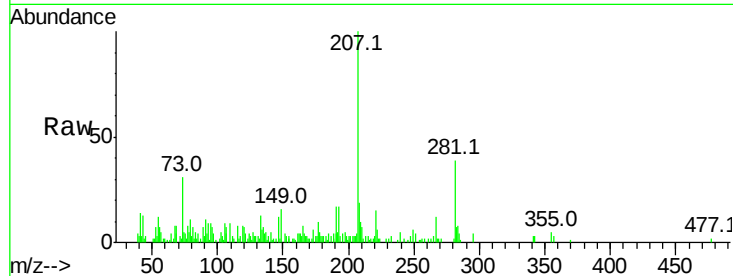




#79
 Butylbenzylphthalate
 Concen: 0.124 ng
 RT: 20.22 min Scan# 2946
 Delta R.T. -0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

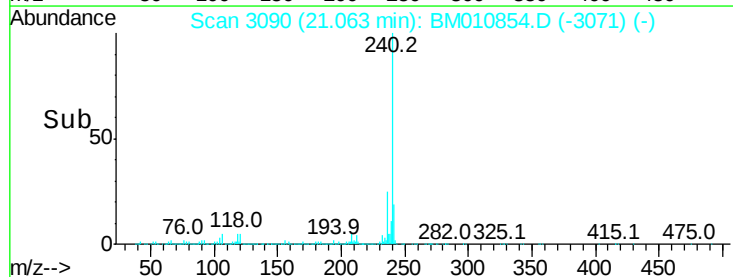
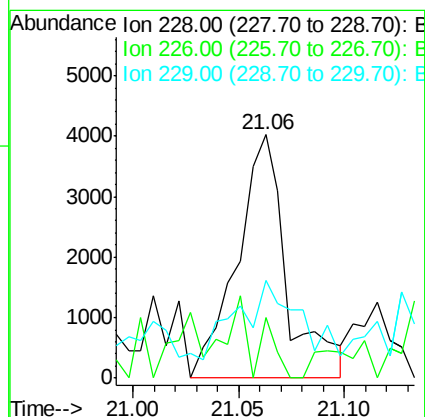
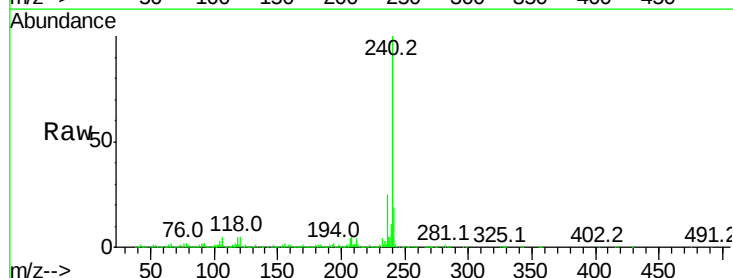
Instrument :
 BNA_M
 ClientSampled :
 3562-PP2

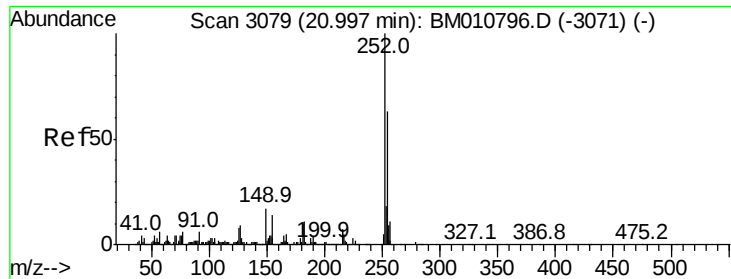
Tot Ion:149 Resp: 4370
 Ion Ratio Lower Upper
 149 100
 91 69.7 50.1 75.1
 206 25.7 16.2 24.2#



#80
 Benzo(a)anthracene
 Concen: 0.065 ng
 RT: 21.06 min Scan# 3090
 Delta R.T. 0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Tgt Ion:228 Resp: 6609
 Ion Ratio Lower Upper
 228 100
 226 24.8 21.7 32.5
 229 40.4 16.0 24.0#

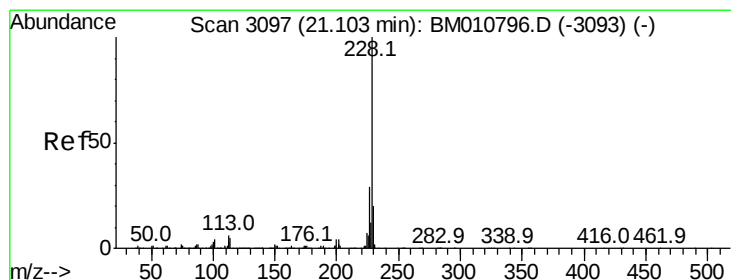
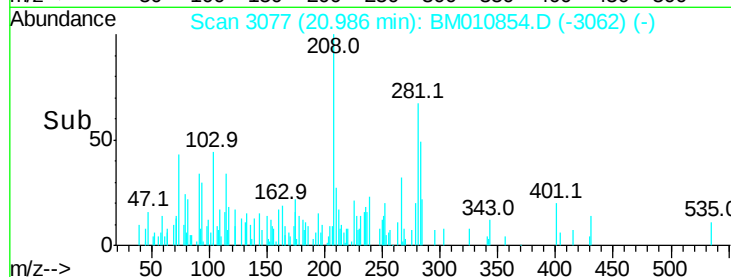
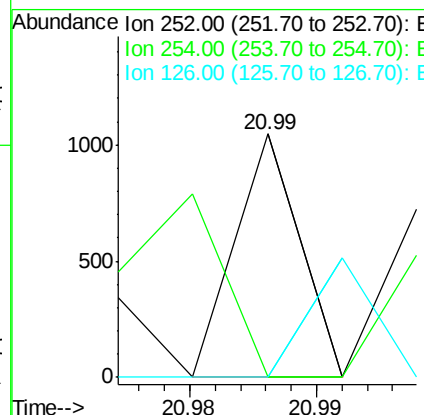
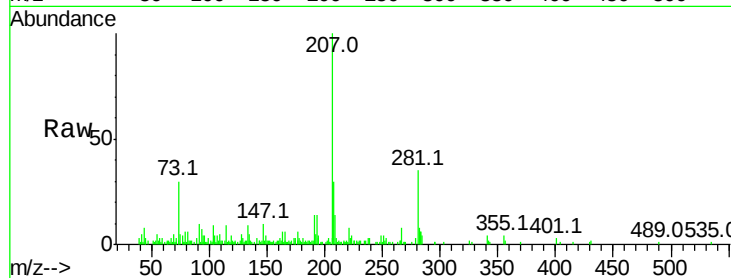




#81
 3,3'-Dichlorobenzidine
 Concen: 0.009 ng
 RT: 20.99 min Scan# 3077
 Delta R.T. -0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

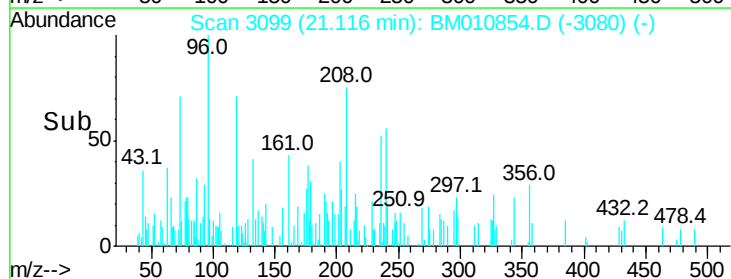
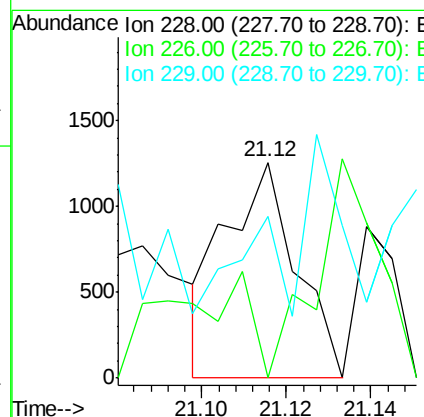
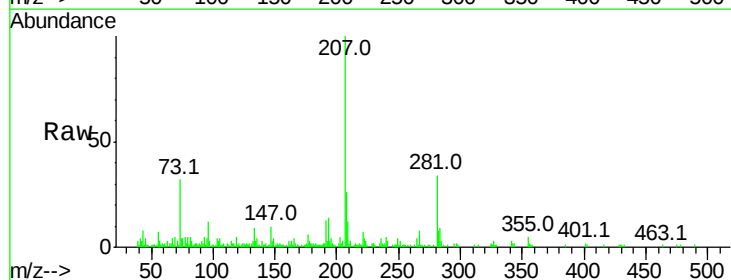
Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

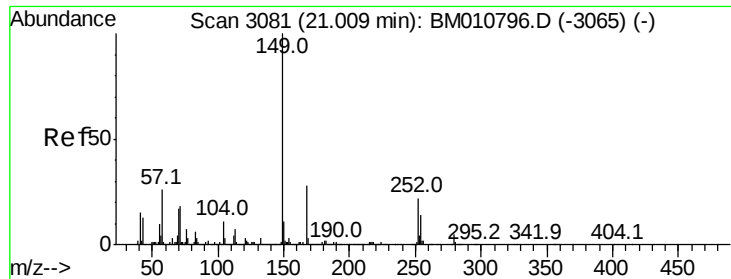
Tot Ion:252 Resp: 370
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.9 77.9#
 126 0.0 9.8 14.8#



#82
 Chrysene
 Concen: 0.015 ng
 RT: 21.12 min Scan# 3099
 Delta R.T. 0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Tgt Ion:228 Resp: 1462
 Ion Ratio Lower Upper
 228 100
 226 0.0 24.1 36.1#
 229 74.7 15.5 23.3#

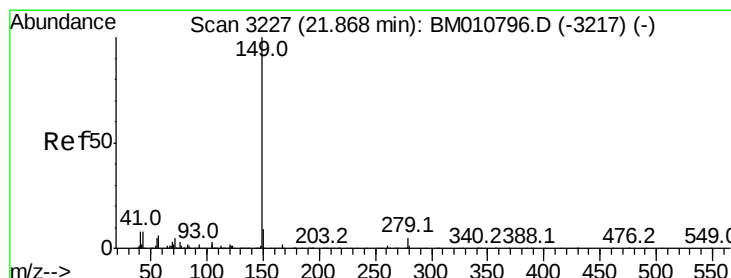
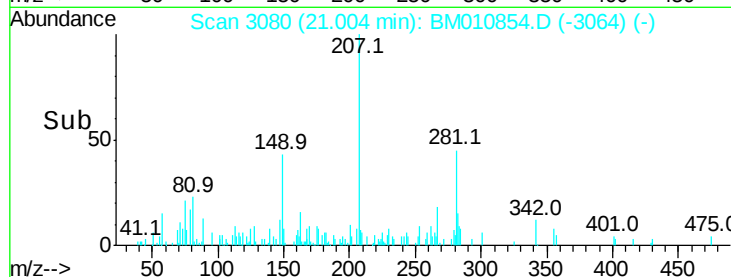
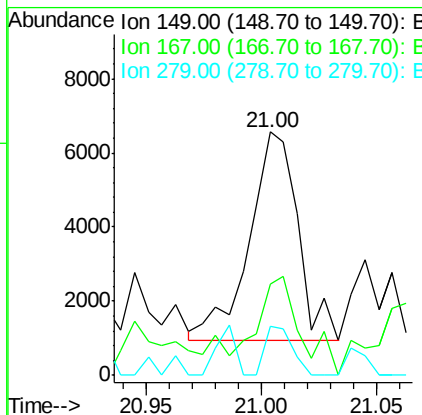
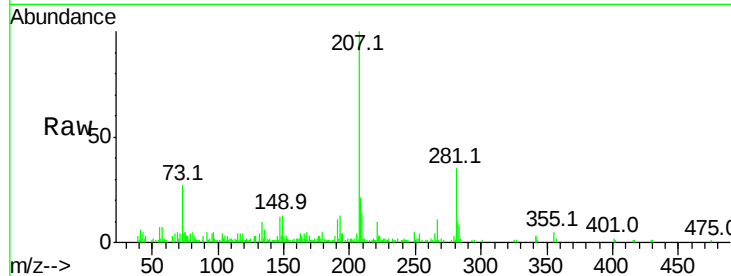




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 0.161 ng
 RT: 21.00 min Scan# 3080
 Delta R.T. -0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

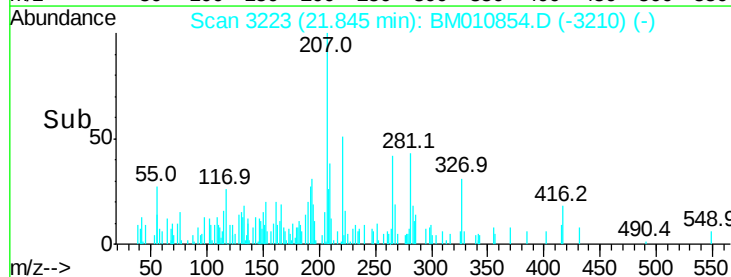
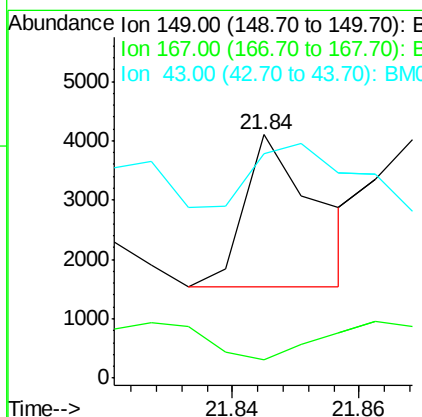
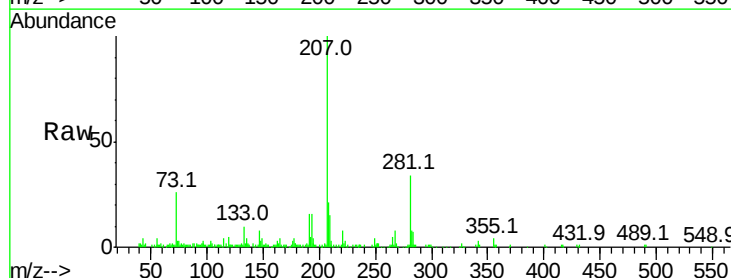
Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

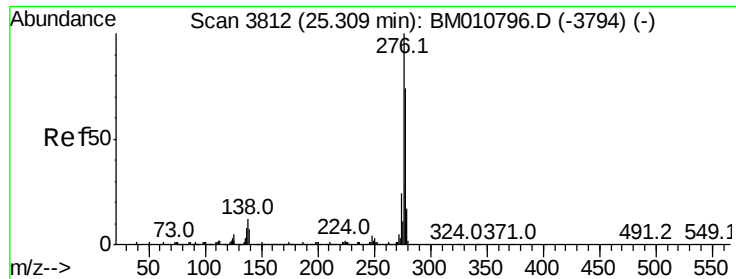
Tot Ion:149 Resp: 8277
 Ion Ratio Lower Upper
 149 100
 167 37.6 22.4 33.6#
 279 20.0 3.4 5.0#



#84
 Di-n-octyl phthalate
 Concen: 0.024 ng
 RT: 21.84 min Scan# 3223
 Delta R.T. -0.02 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Tgt Ion:149 Resp: 2022
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 83.6 7.3 10.9#

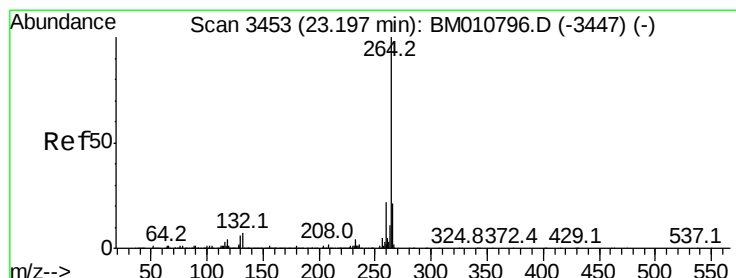
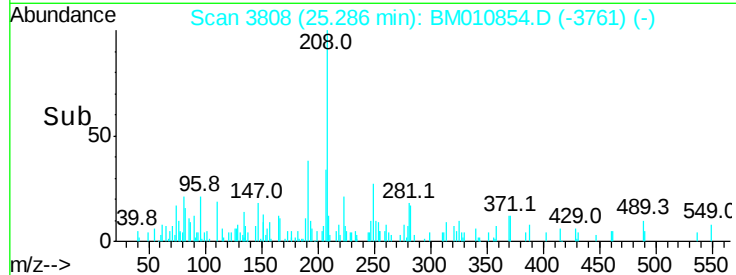
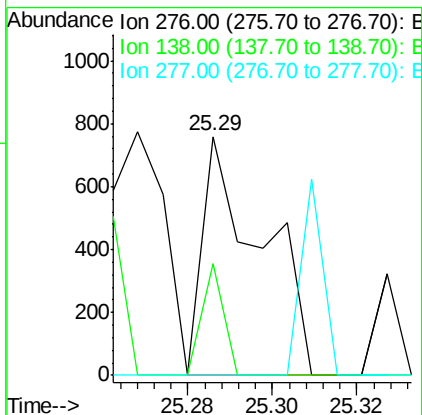
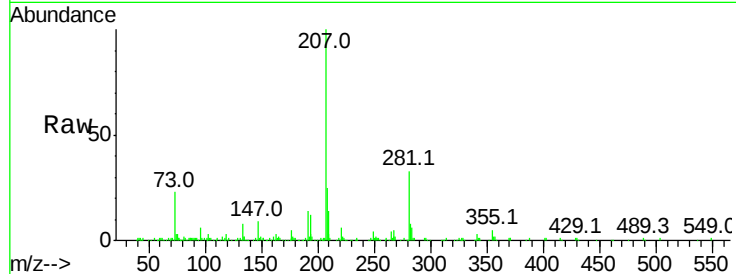




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.007 ng
 RT: 25.29 min Scan# 3808
 Delta R.T. -0.02 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

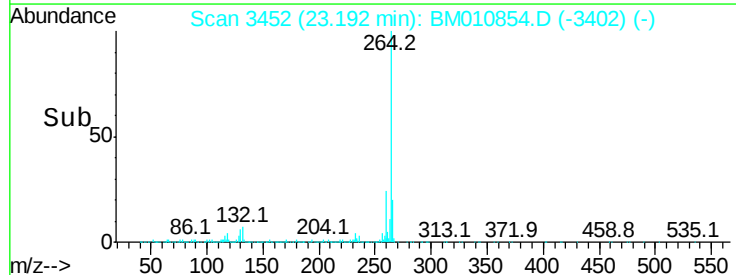
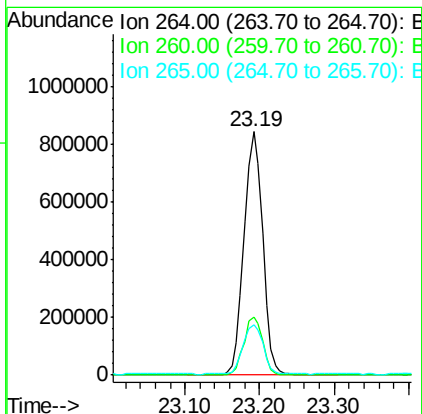
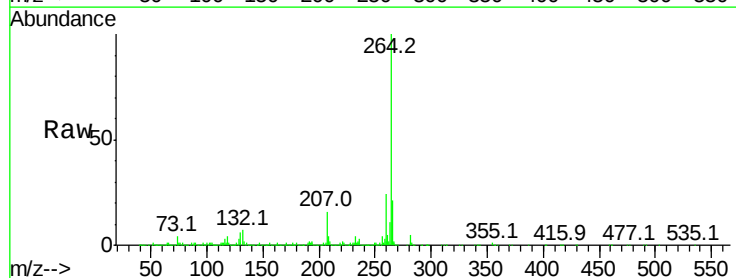
Instrument :
 BNA_M
 ClientSampleId :
 3562-PP2

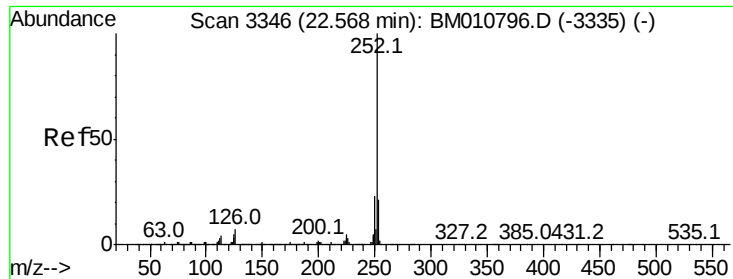
Tot Ion:276 Resp: 732
 Ion Ratio Lower Upper
 276 100
 138 17.2 0.0 0.0#
 277 0.0 0.0 0.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.19 min Scan# 3452
 Delta R.T. -0.01 min
 Lab File: BM010854.D
 Acq: 18 Jul 2017 02:57

Tgt Ion:264 Resp: 1471774
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 27.8
 265 20.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 0.019 ng

RT: 22.55 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

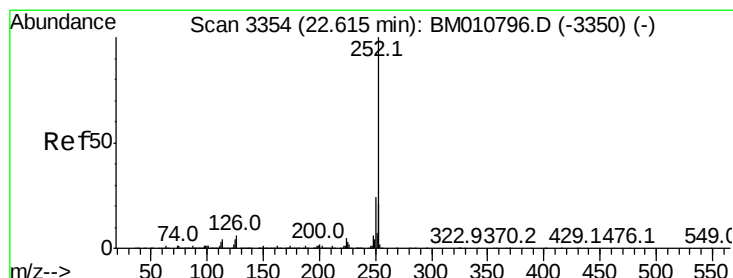
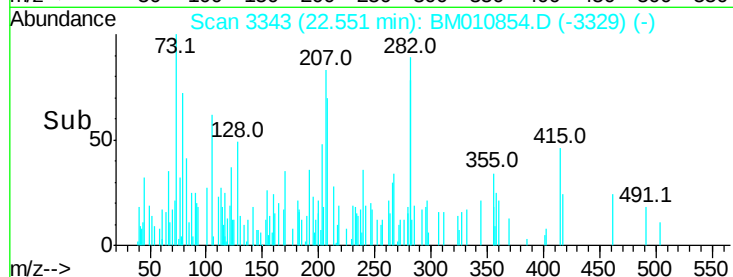
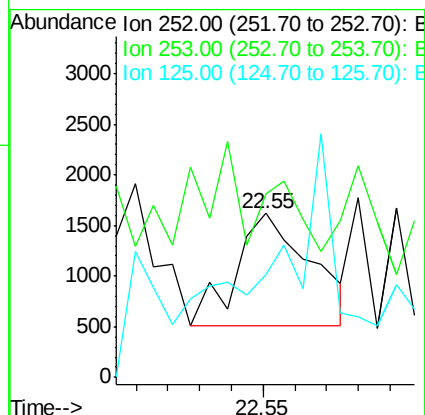
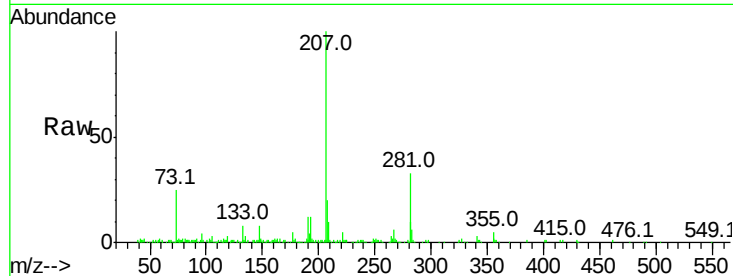
Tot Ion:252 Resp: 1806

Ion Ratio Lower Upper

252 100

253 112.4 18.0 27.0#

125 62.9 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 0.044 ng

RT: 22.61 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

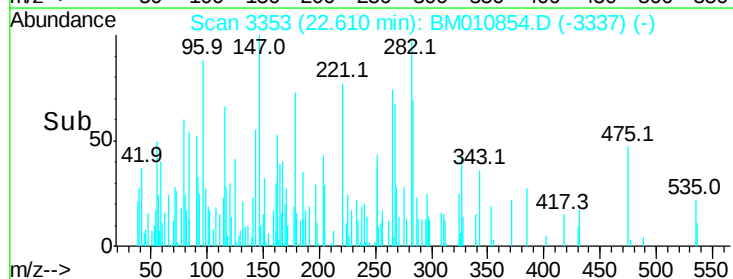
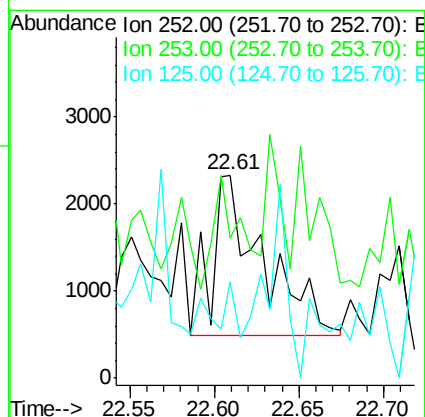
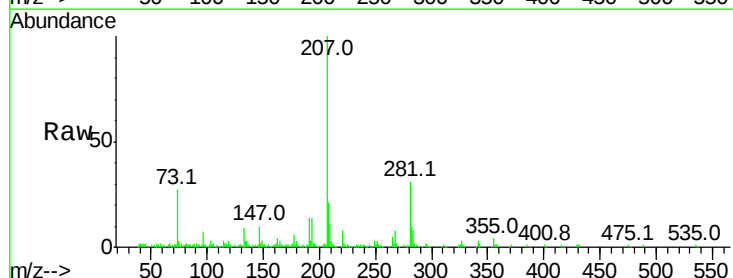
Tgt Ion:252 Resp: 3919

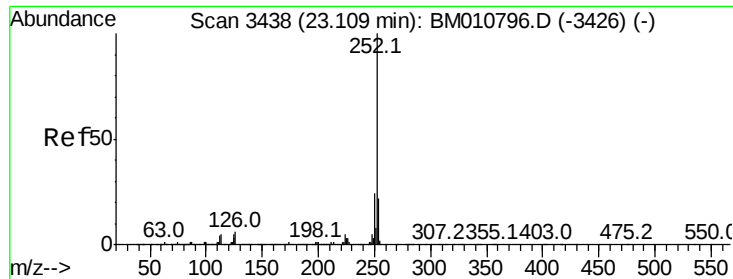
Ion Ratio Lower Upper

252 100

253 68.9 17.2 25.8#

125 47.4 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 0.012 ng

RT: 23.08 min Scan# 3433

Delta R.T. -0.03 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

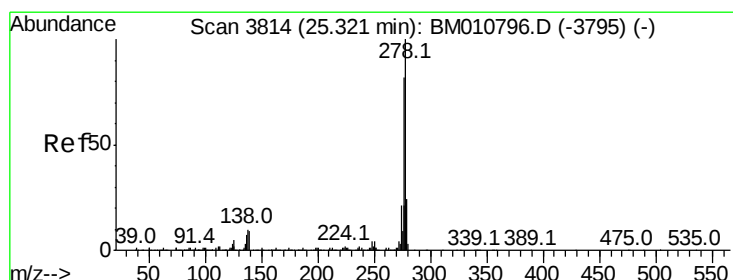
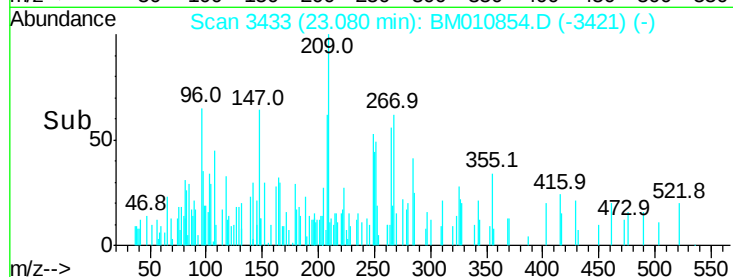
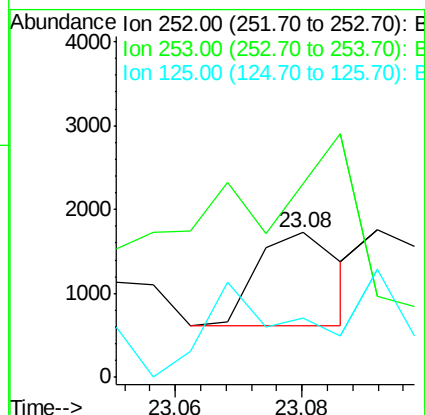
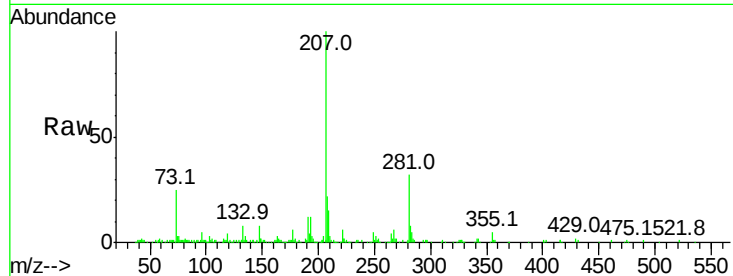
Tot Ion:252 Resp: 1005

Ion Ratio Lower Upper

252 100

253 133.8 17.6 26.4#

125 40.9 7.4 11.2#



#90

Dibenzo(a,h)anthracene

Concen: 0.002 ng

RT: 25.30 min Scan# 3810

Delta R.T. -0.02 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

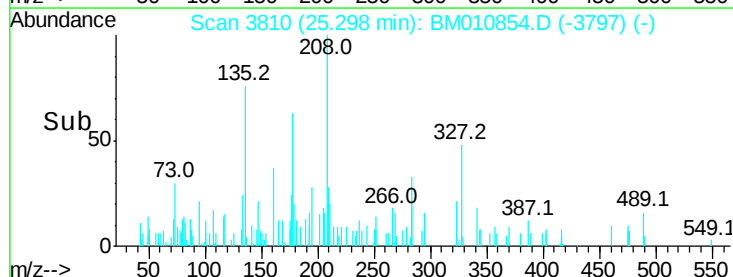
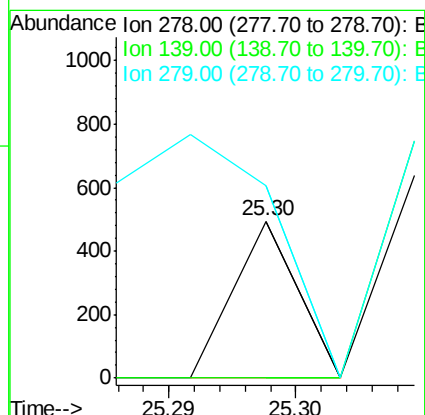
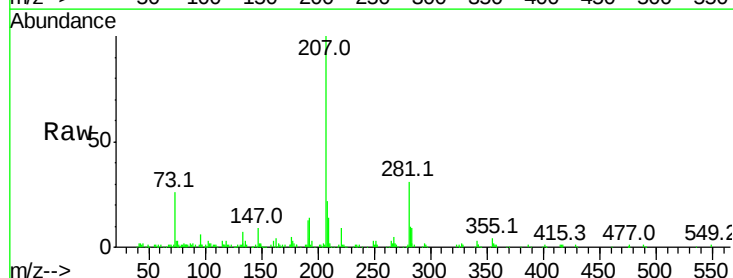
Tgt Ion:278 Resp: 175

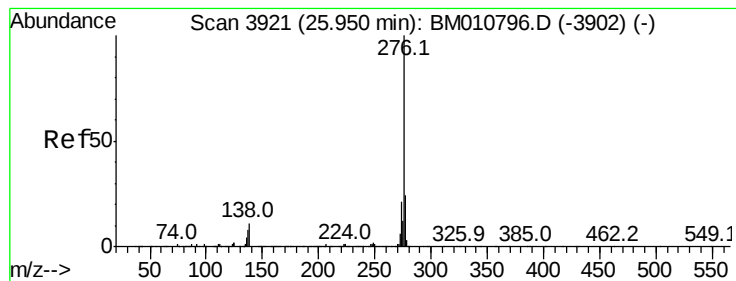
Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 122.6 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 0.004 ng

RT: 25.94 min Scan# 3919

Delta R.T. -0.01 min

Lab File: BM010854.D

Acq: 18 Jul 2017 02:57

Instrument :

BNA_M

ClientSampleId :

3562-PP2

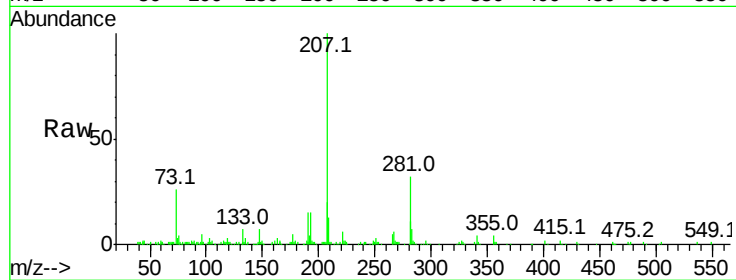
Tot Ion: 276 Resp: 337

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 0.0 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

