

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101018\
 Data File : BF109761.D
 Acq On : 11 Oct 2018 00:02
 Operator : JU/SJ
 Sample : J5365-01 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CY-1

Quant Time: Oct 11 05:49:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

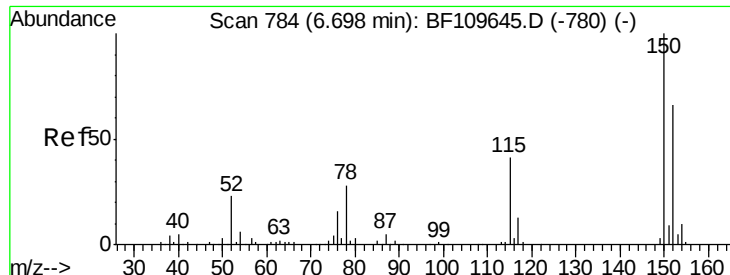
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	69833	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	287687	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	101787	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	140409	20.00	ng	0.02
75) Chrysene-d12	13.84	240	173976	20.00	ng	0.01
86) Perylene-d12	15.23	264	169668	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	10740	2.73	ng	0.07
7) Phenol-d6	6.39	99	10817	2.06	ng	0.03
23) Nitrobenzene-d5	7.26	82	36704	7.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	8582	7.74	ng	0.01
44) 2-Fluorobiphenyl	9.05	172	71682	9.70	ng	0.00
78) Terphenyl-d14	12.80	244	48939	5.45	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
25) Isophorone	7.26	82	36704	4.235	ng	# 67
50) 2,6-Dinitrotoluene	9.53	165	6139	3.794	ng	# 31
52) 3-Nitroaniline	9.68	138	11195	6.172	ng	# 15
53) 2,4-Dinitrophenol	9.93	184	1403	2.687	ng	# 1
55) 4-Nitrophenol	9.84	139	3467	3.492	ng	# 1
61) 4-Nitroaniline	10.15	138	15868	9.446	ng	79
64) 4,6-Dinitro-2-methylphenol	10.35	198	1802	2.637	ng	# 1
65) n-Nitrosodiphenylamine	10.66	169	53139	11.164	ng	90
69) Pentachlorophenol	11.07	266	2197	2.235	ng	# 31
70) Phenanthrene	11.25	178	24148	3.437	ng	# 1
73) Di-n-butylphthalate	11.77	149	29452	3.605	ng	# 47
83) Bis(2-ethylhexyl)phthalate	13.82	149	25638	3.803	ng	# 88
84) Di-n-octyl phthalate	14.42	149	42879	4.023	ng	# 50

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

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Data Path : Z:\SV0ASRV\HPCHEM1\BNA_F\DATA\BF101018\  
Data File : BF109761.D  
Acq On    : 11 Oct 2018  00:02  
Operator  : JU/SJ  
Sample    : J5365-01 10X  
Misc      :  
ALS Vial  : 25    Sample Multiplier: 1
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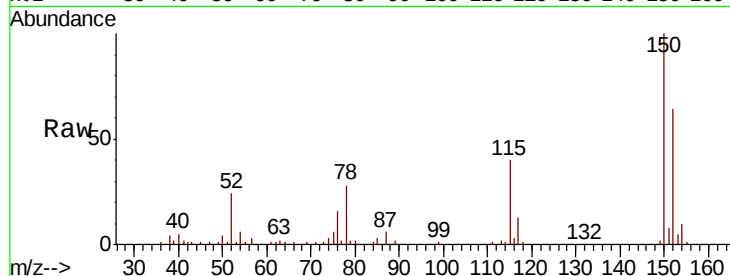


#1

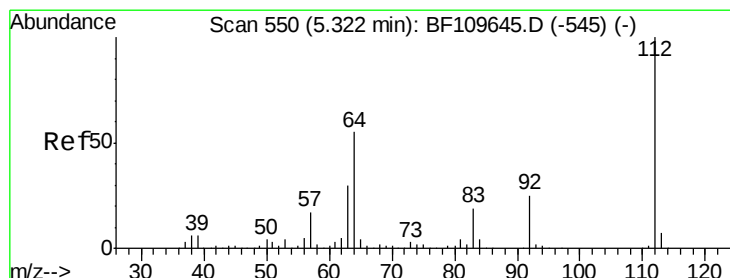
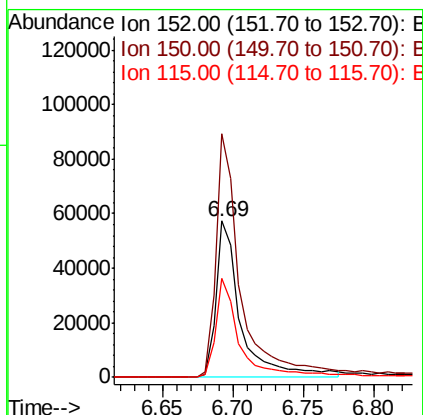
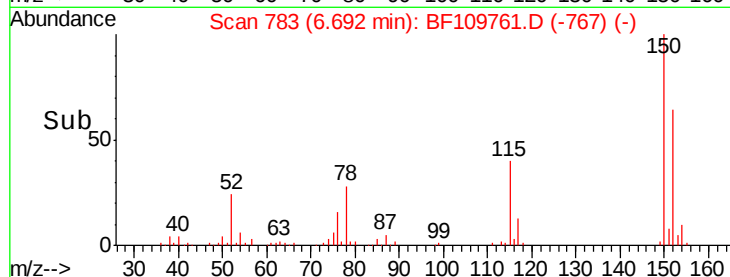
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109761.D
Acq: 11 Oct 2018 00:02

Instrument :
BNA_F
ClientSampled :
CY-1

Tgt Ion:152 Resp: 69833
Ion Ratio Lower Upper
152 100
150 156.1 122.7 184.1
115 63.2 49.1 73.7



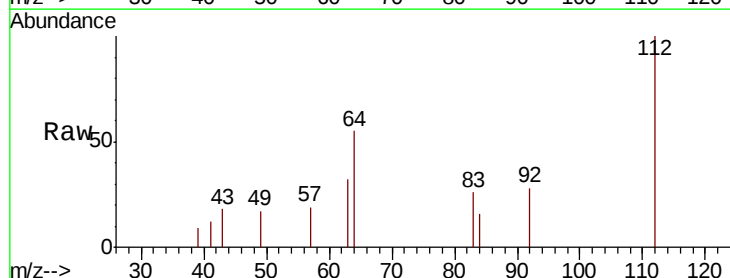
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



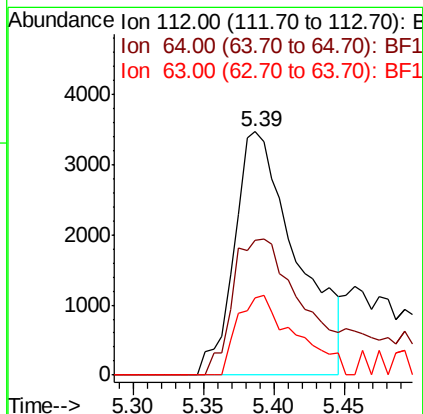
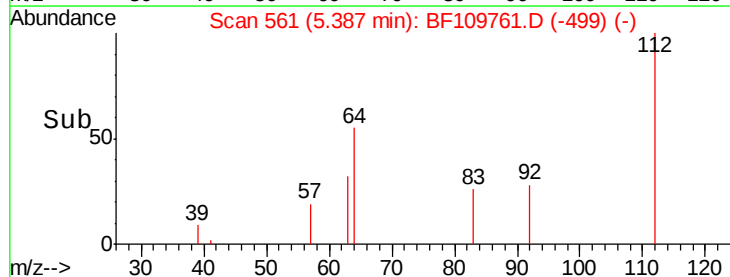
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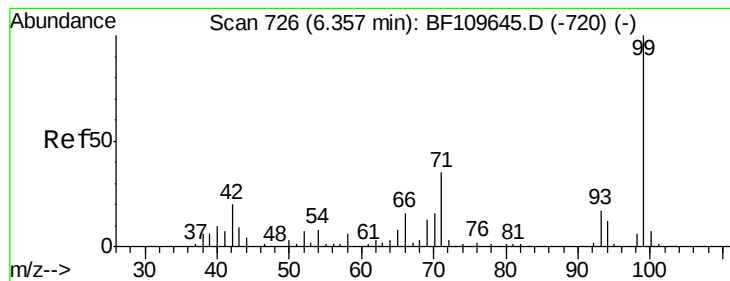
2-Fluorophenol
Concen: 2.730 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.07 min
Lab File: BF109761.D
Acq: 11 Oct 2018 00:02

Tgt Ion:112 Resp: 10740
Ion Ratio Lower Upper
112 100
64 55.2 44.1 66.1
63 31.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 2.058 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.03 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

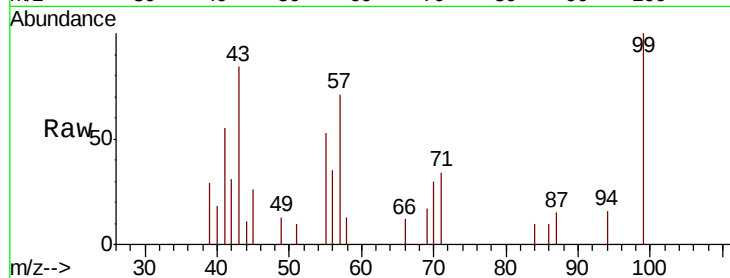
Tgt Ion: 99 Resp: 10817

Ion Ratio Lower Upper

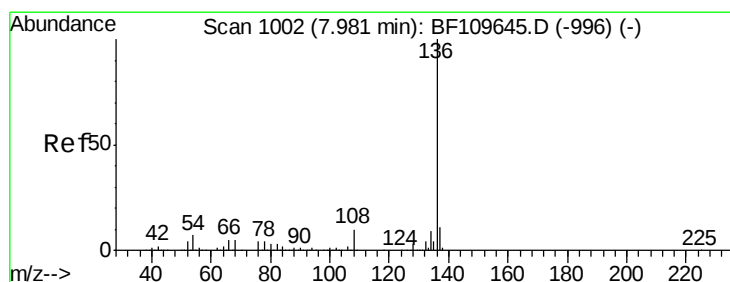
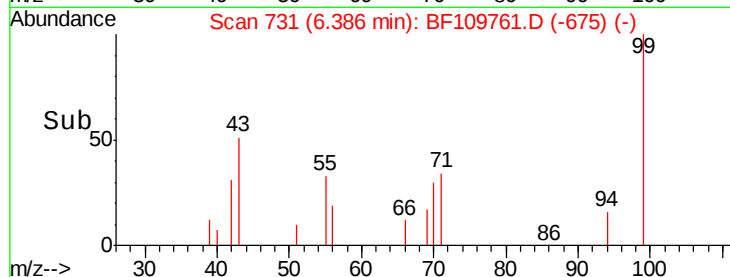
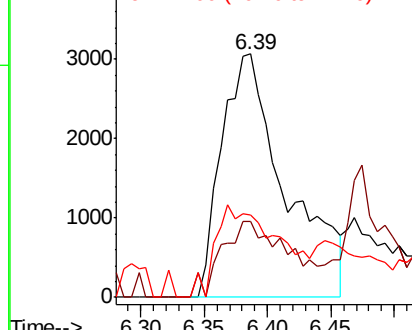
99 100

42 31.0 15.8 23.6#

71 33.8 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Tgt Ion: 136 Resp: 287687

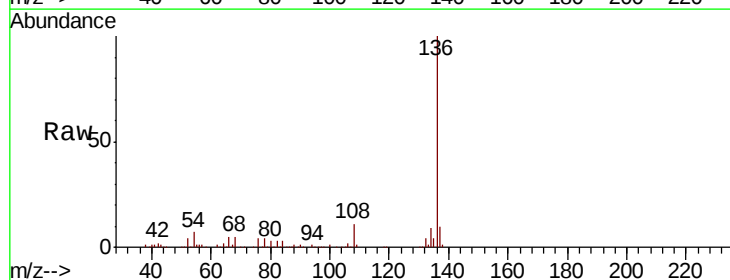
Ion Ratio Lower Upper

136 100

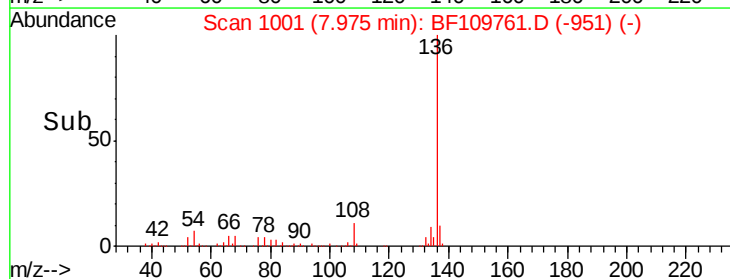
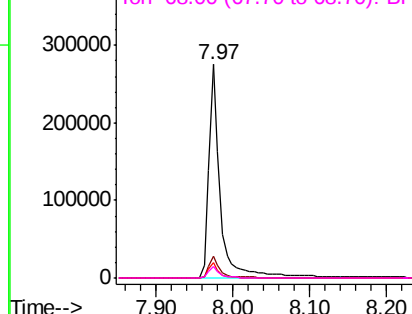
137 10.5 8.8 13.2

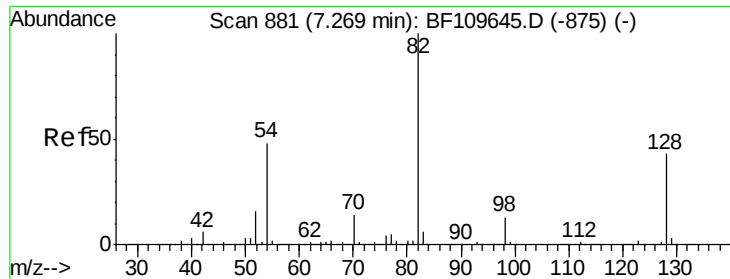
54 7.0 5.4 8.2

68 5.4 4.2 6.2



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): BF1
Ion 68.00 (67.70 to 68.70): BF1

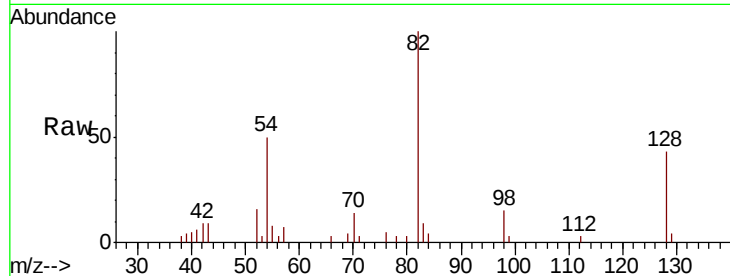




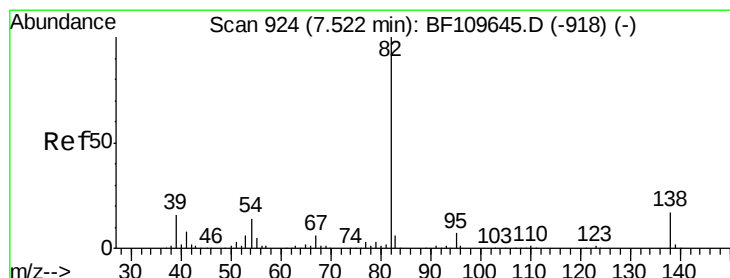
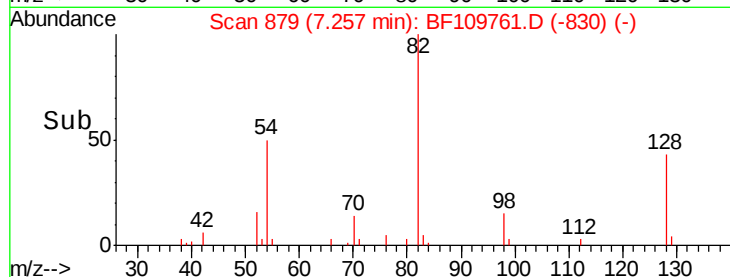
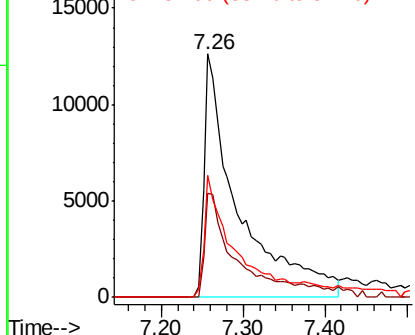
#23
 Nitrobenzene-d5
 Concen: 7.033 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 CY-1

Tgt Ion: 82 Resp: 36704
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.2 51.2
 54 50.3 38.6 58.0

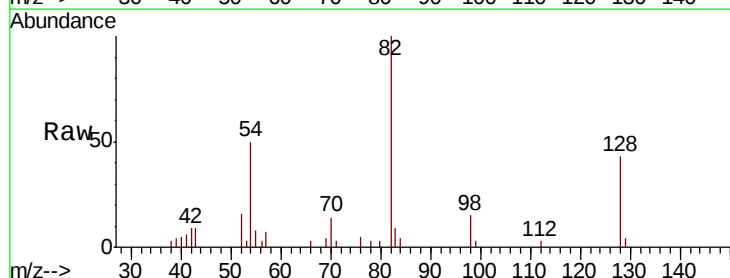


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

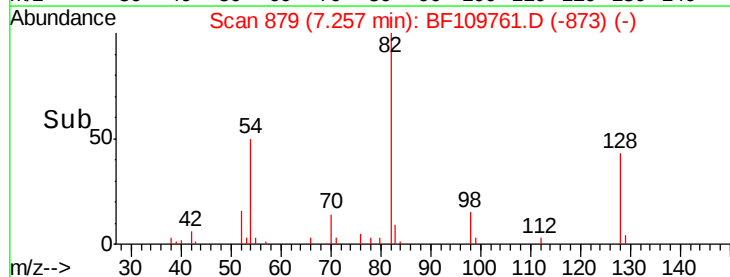
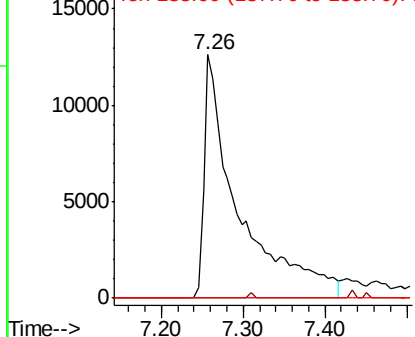


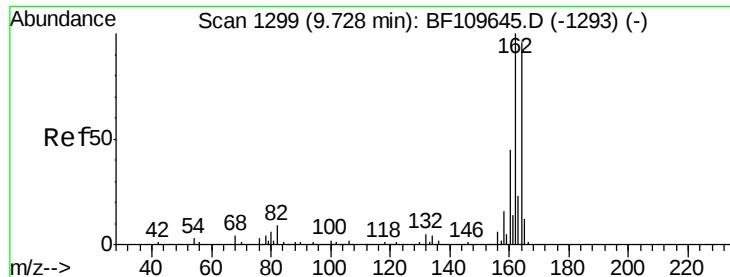
#25
 Isophorone
 Concen: 4.235 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.26 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Tgt Ion: 82 Resp: 36704
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1

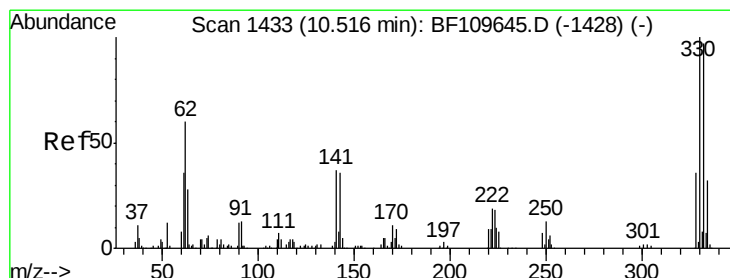
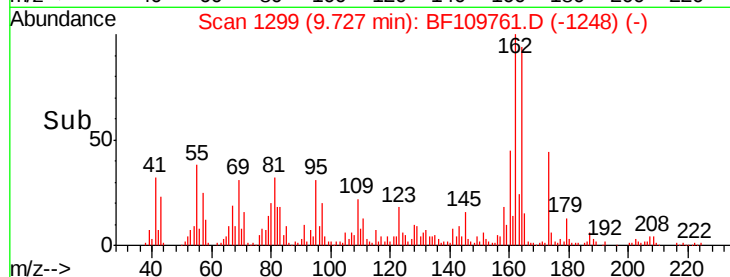
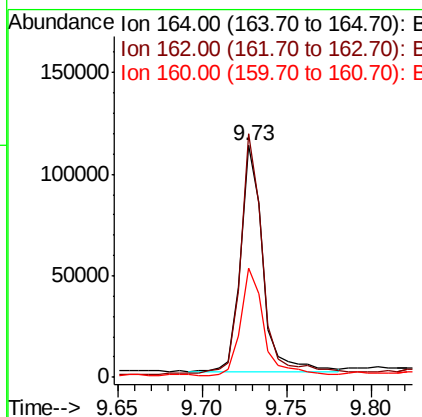
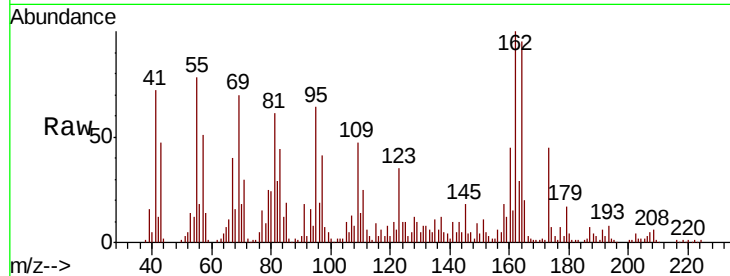




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

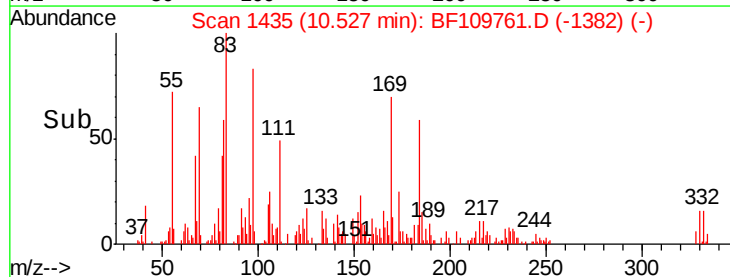
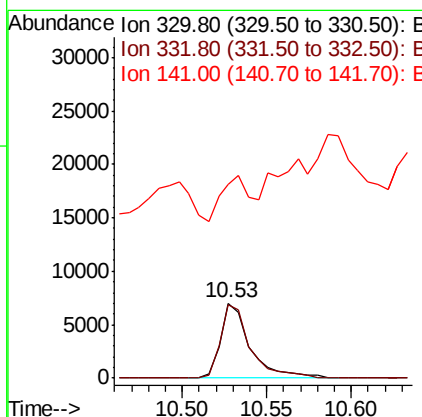
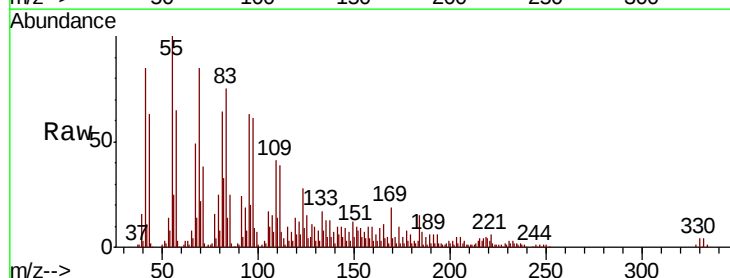
Instrument :
 BNA_F
 ClientSampleId :
 CY-1

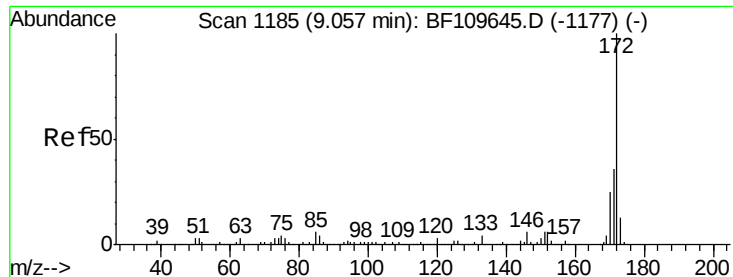
Tgt Ion:164 Resp: 101787
 Ion Ratio Lower Upper
 164 100
 162 105.0 83.0 124.6
 160 47.4 37.0 55.6



#41
 2,4,6-Tribromophenol
 Concen: 7.738 ng
 RT: 10.53 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Tgt Ion:330 Resp: 8582
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.1 115.7
 141 59.6 27.0 40.4#

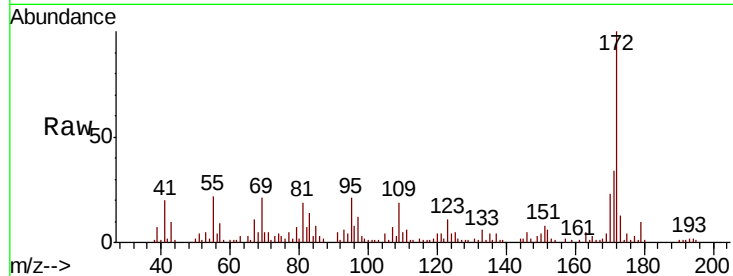




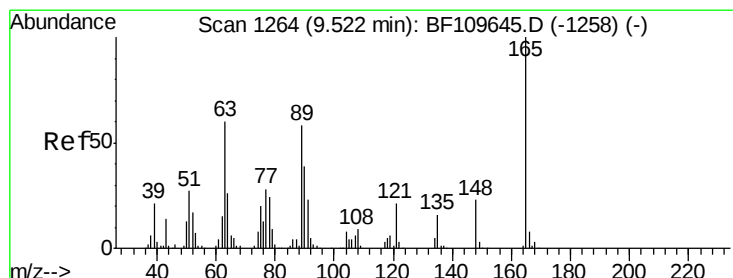
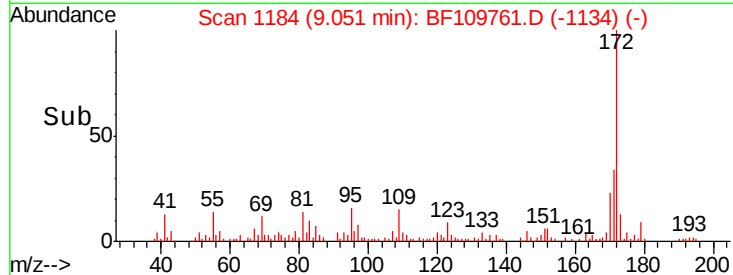
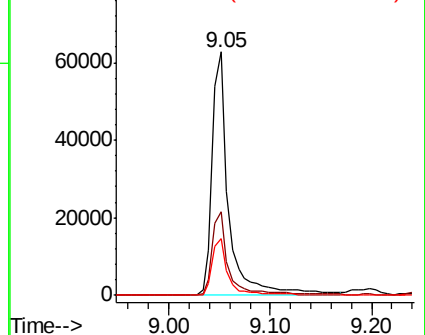
#44
 2-Fluorobiphenyl
 Concen: 9.699 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 CY-1

Tgt Ion:172 Resp: 71682
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.6 43.0
 170 23.5 19.7 29.5

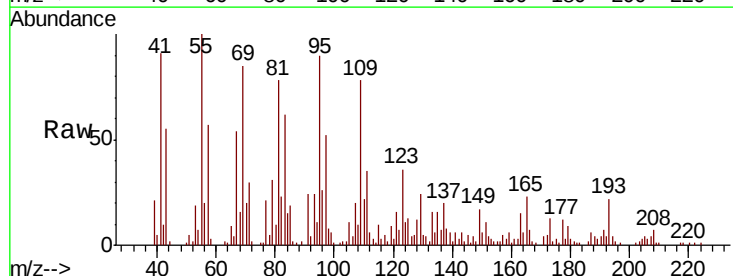


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

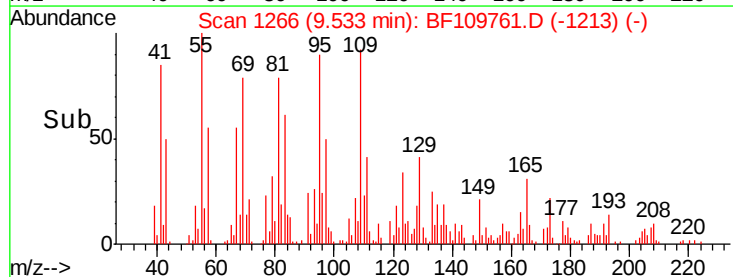
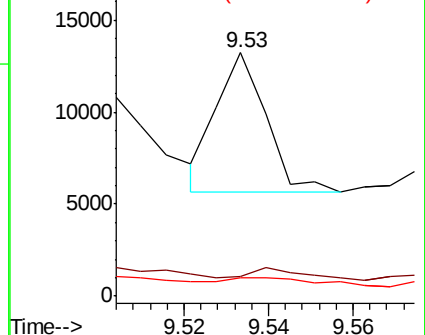


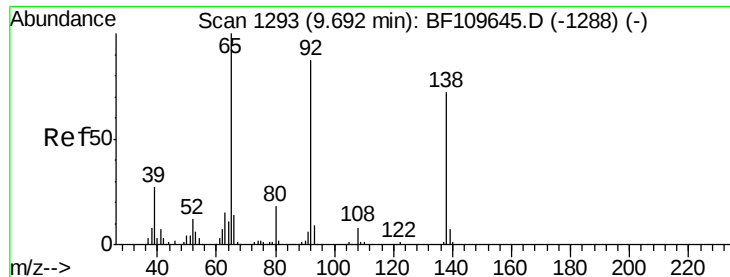
#50
 2,6-Dinitrotoluene
 Concen: 3.794 ng
 RT: 9.53 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Tgt Ion:165 Resp: 6139
 Ion Ratio Lower Upper
 165 100
 63 8.1 48.9 73.3#
 89 7.5 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

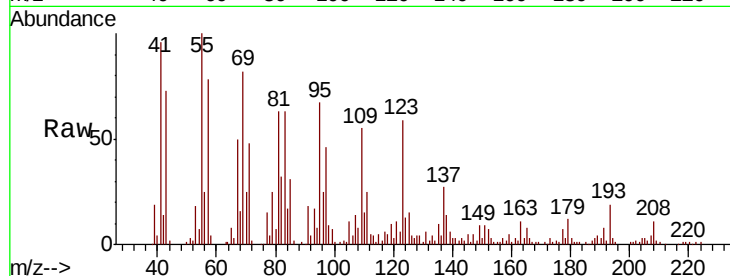




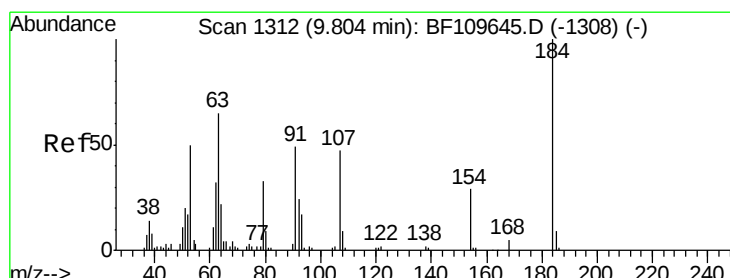
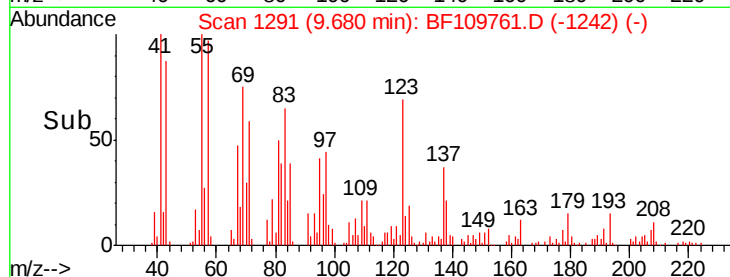
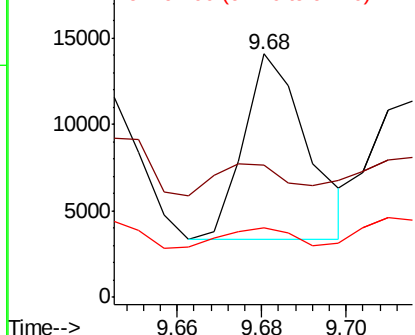
#52
 3-Nitroaniline
 Concen: 6.172 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Instrument :
 BNA_F
 ClientSampleId :
 CY-1

Tgt Ion:138 Resp: 11195
 Ion Ratio Lower Upper
 138 100
 108 54.2 8.7 13.1#
 92 28.7 97.0 145.4#

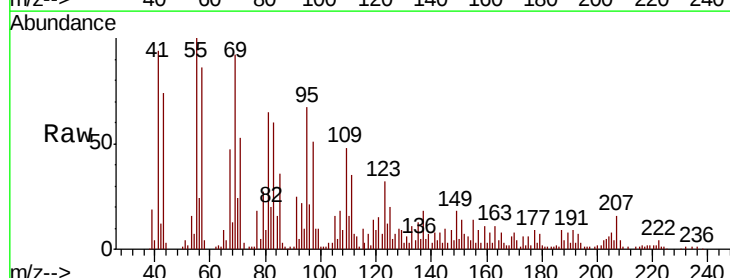


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

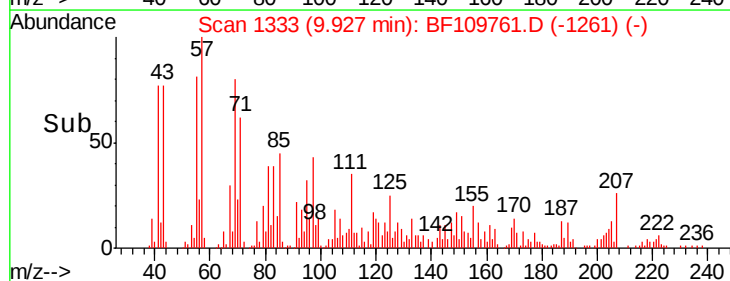
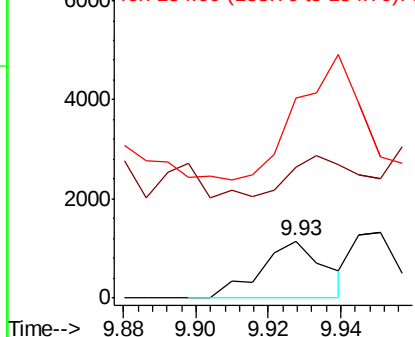


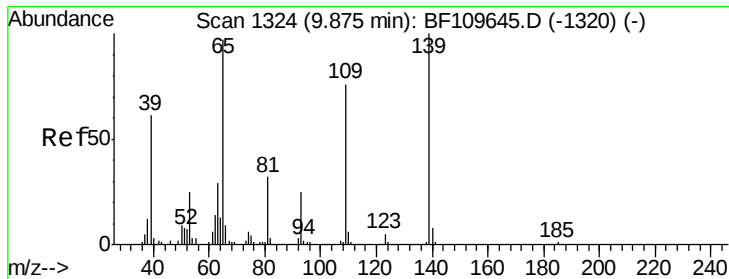
#53
 2,4-Dinitrophenol
 Concen: 2.687 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.12 min
 Lab File: BF109761.D
 Acq: 11 Oct 2018 00:02

Tgt Ion:184 Resp: 1403
 Ion Ratio Lower Upper
 184 100
 63 228.9 55.8 83.6#
 154 349.3 63.2 94.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E





#55

4-Nitrophenol

Concen: 3.492 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.04 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

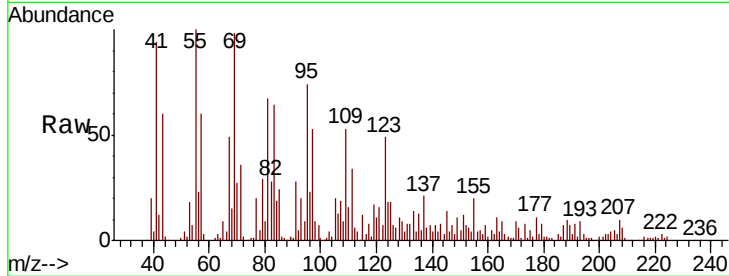
Tgt Ion:139 Resp: 3467

Ion Ratio Lower Upper

139 100

109 722.7 55.8 95.8#

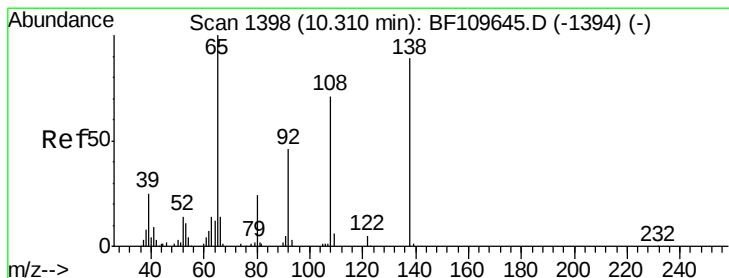
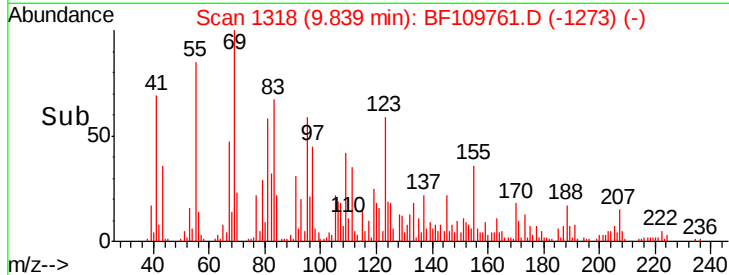
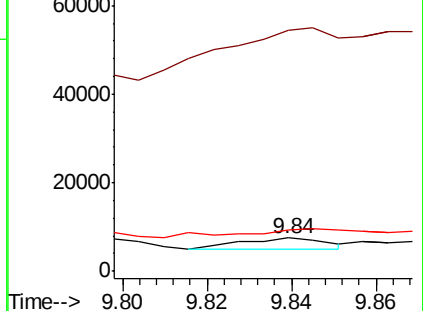
65 125.4 77.9 117.9#



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): BF1



#61

4-Nitroaniline

Concen: 9.446 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.16 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

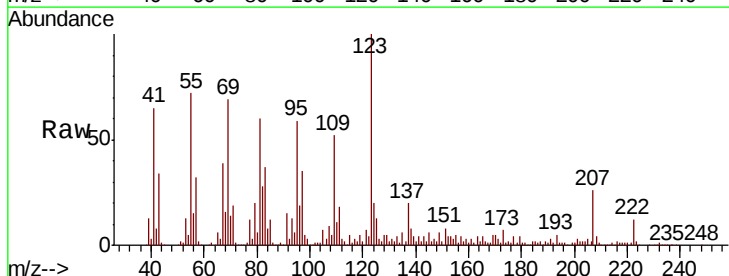
Tgt Ion:138 Resp: 15868

Ion Ratio Lower Upper

138 100

92 34.7 31.7 71.7

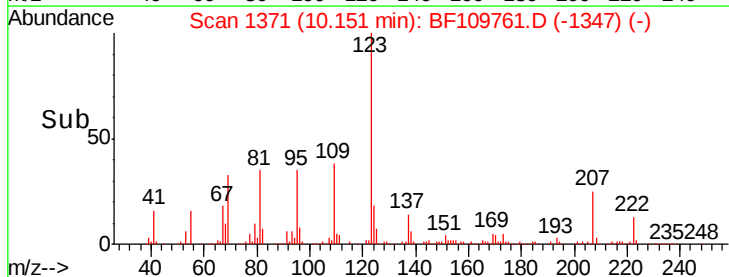
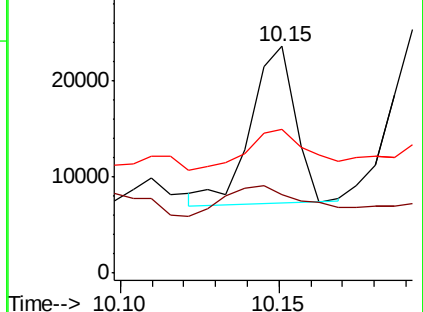
108 63.3 59.3 99.3

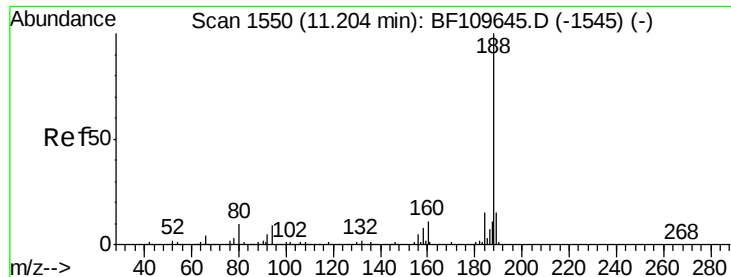


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1554

Delta R.T. 0.02 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

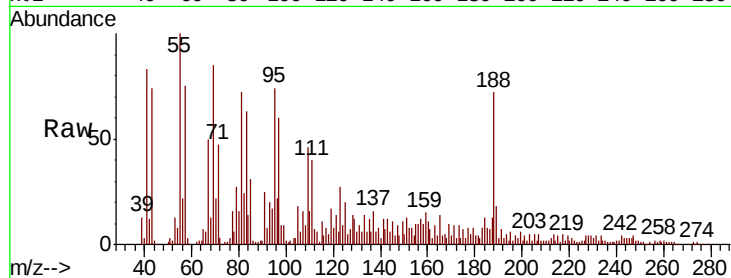
Tgt Ion:188 Resp: 140409

Ion Ratio Lower Upper

188 100

94 23.1 7.2 10.8#

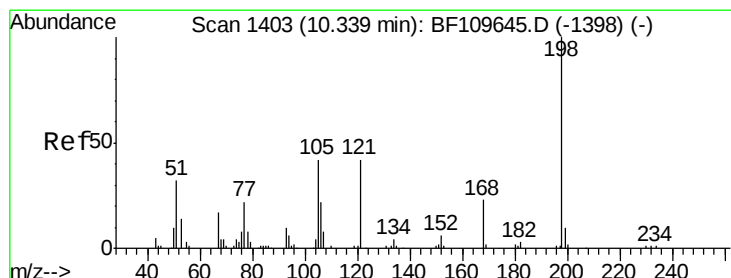
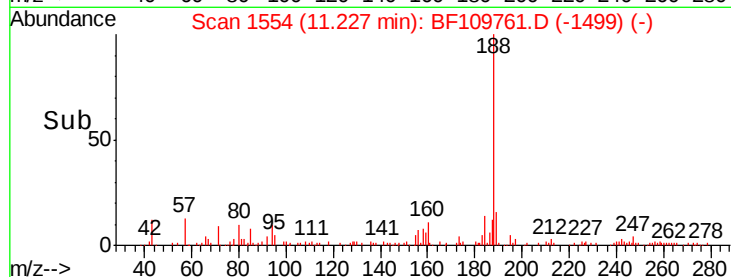
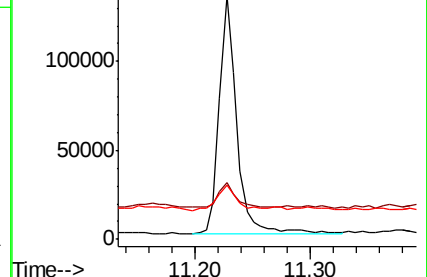
80 22.5 7.9 11.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#64

4,6-Dinitro-2-methylphenol

Concen: 2.637 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

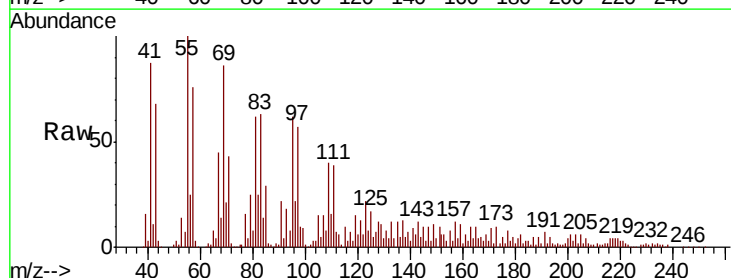
Tgt Ion:198 Resp: 1802

Ion Ratio Lower Upper

198 100

51 304.6 22.8 62.8#

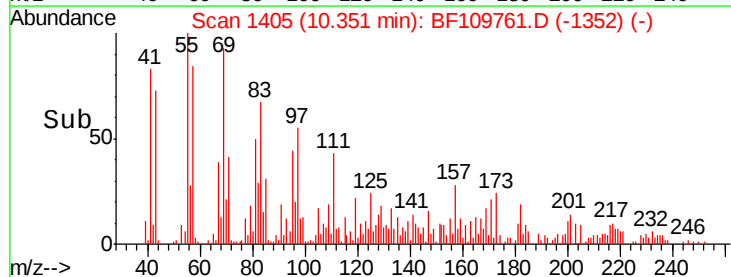
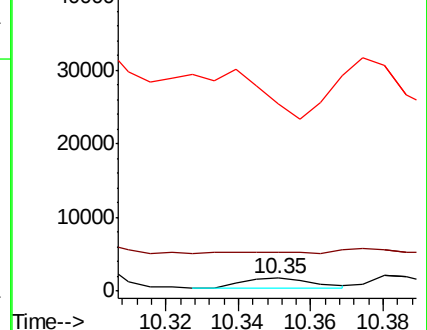
105 1449.2 23.6 63.6#

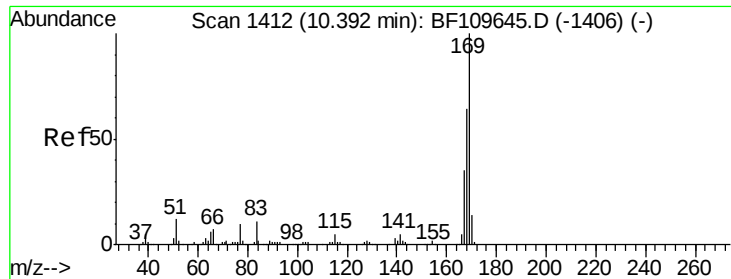


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 11.164 ng

RT: 10.66 min Scan# 1457

Delta R.T. 0.26 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

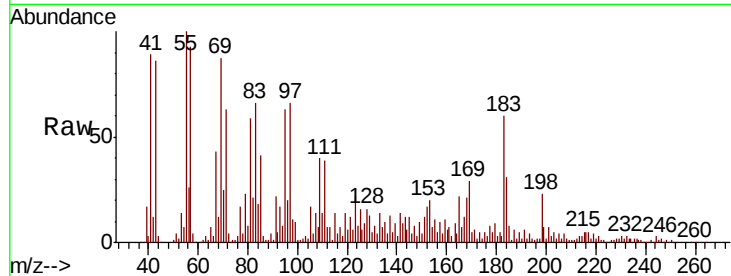
Tgt Ion:169 Resp: 53139

Ion Ratio Lower Upper

169 100

168 71.9 51.2 76.8

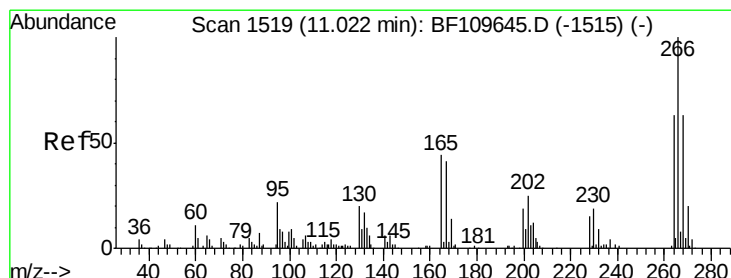
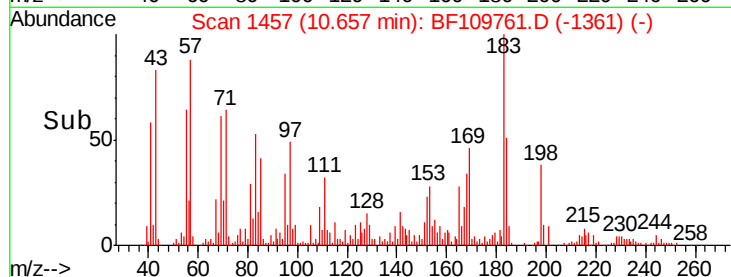
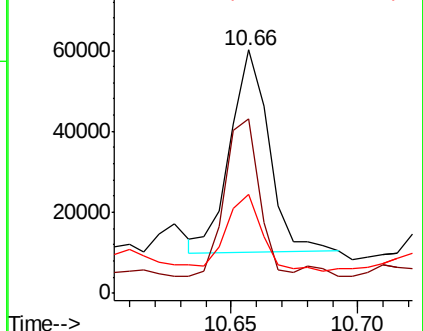
167 40.6 27.8 41.6



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



#69

Pentachlorophenol

Concen: 2.235 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.05 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

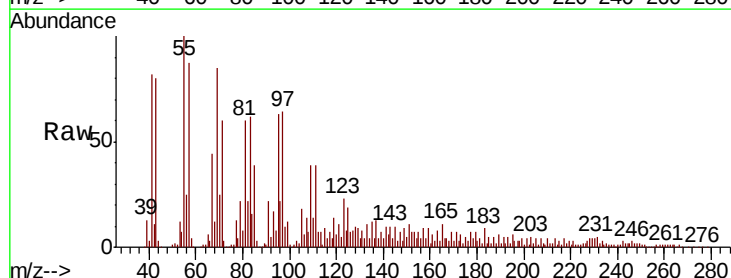
Tgt Ion:266 Resp: 2197

Ion Ratio Lower Upper

266 100

268 0.0 50.6 75.8#

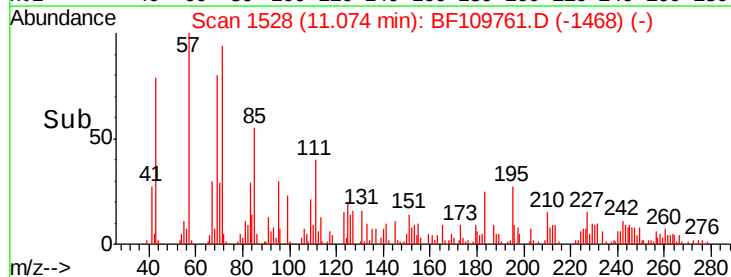
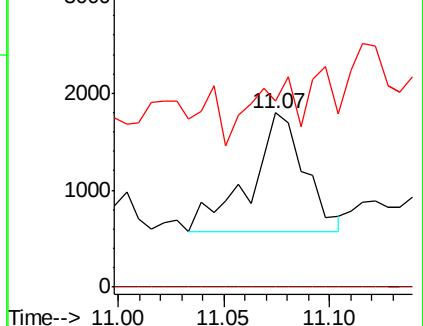
264 106.9 50.6 75.8#

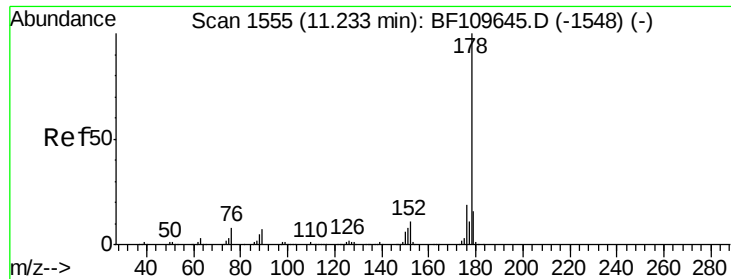


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 3.437 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.02 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

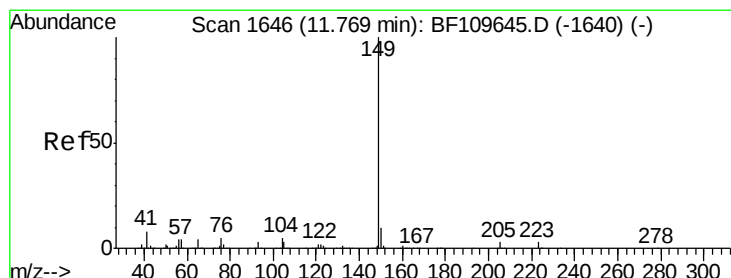
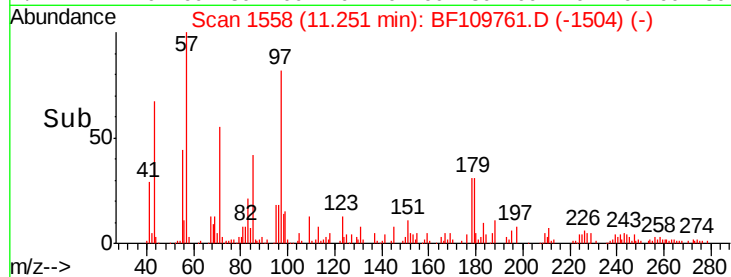
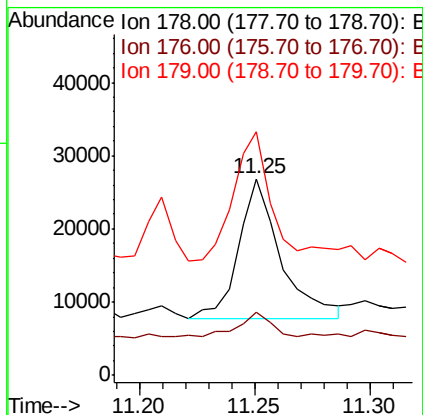
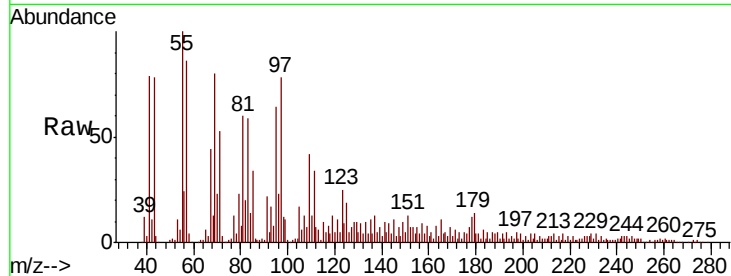
Tgt Ion:178 Resp: 24148

Ion Ratio Lower Upper

178 100

176 31.9 15.5 23.3#

179 123.8 12.5 18.7#



#73

Di-n-butylphthalate

Concen: 3.605 ng

RT: 11.77 min Scan# 1647

Delta R.T. 0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

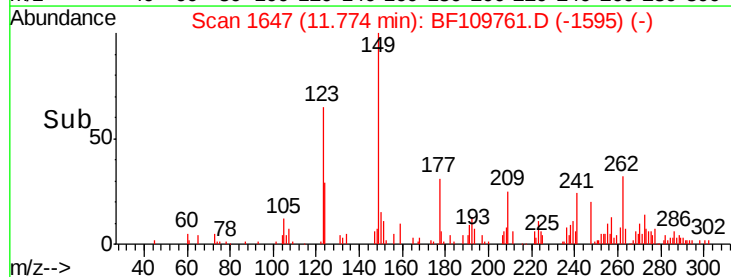
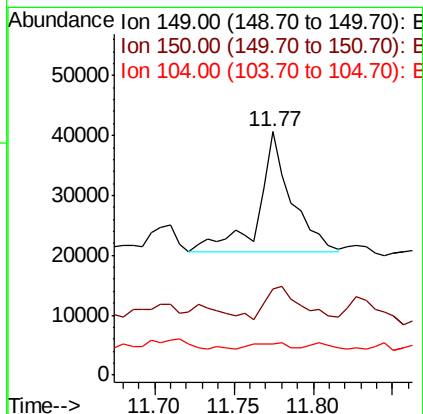
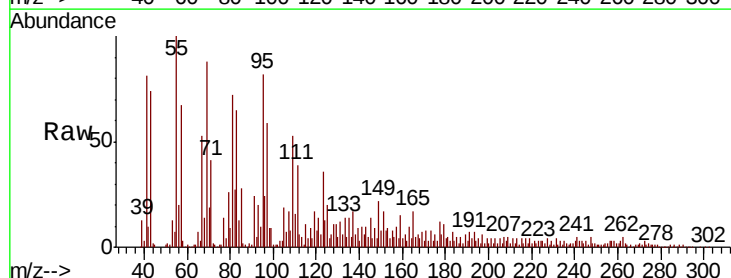
Tgt Ion:149 Resp: 29452

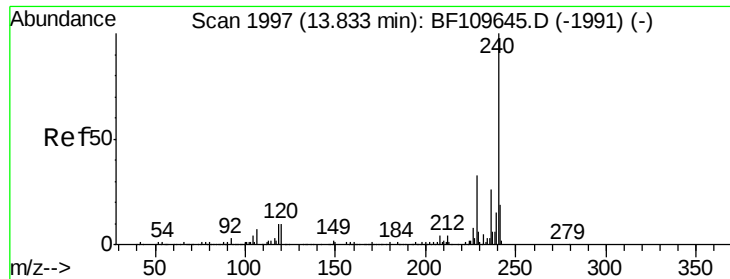
Ion Ratio Lower Upper

149 100

150 35.2 7.7 11.5#

104 12.8 4.2 6.4#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

Delta R.T. 0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

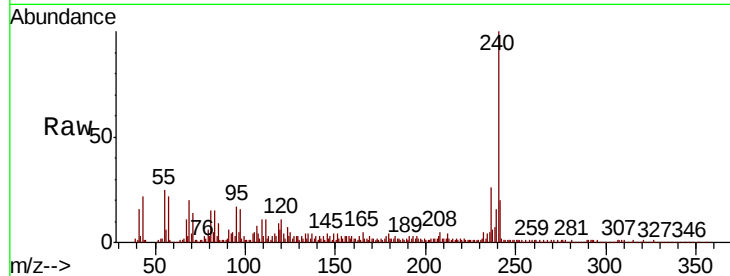
Tgt Ion:240 Resp: 173976

Ion Ratio Lower Upper

240 100

120 10.7 8.3 12.5

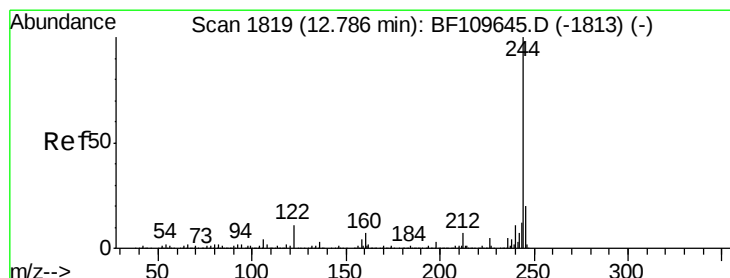
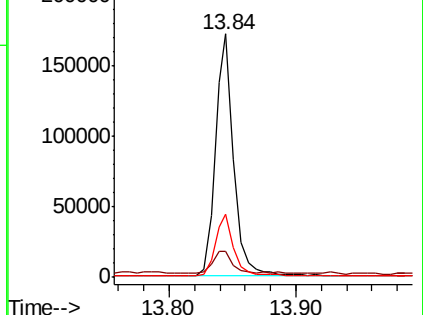
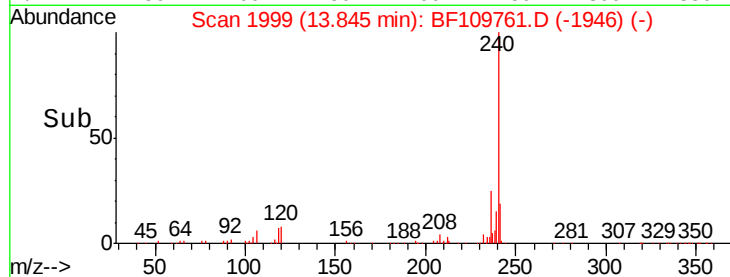
236 25.9 21.2 31.8



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



#78

Terphenyl-d14

Concen: 5.445 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

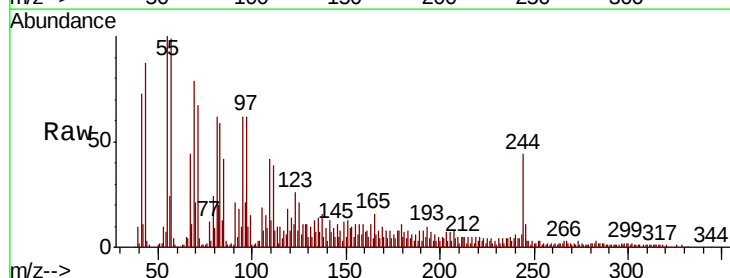
Tgt Ion:244 Resp: 48939

Ion Ratio Lower Upper

244 100

212 11.9 5.8 8.8#

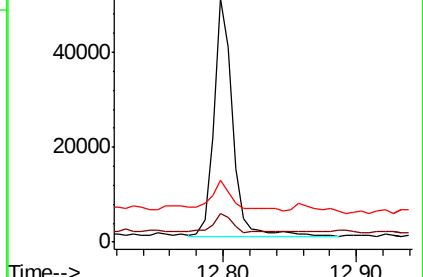
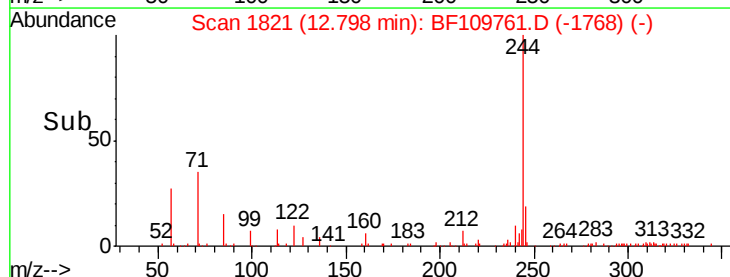
122 25.5 8.7 13.1#

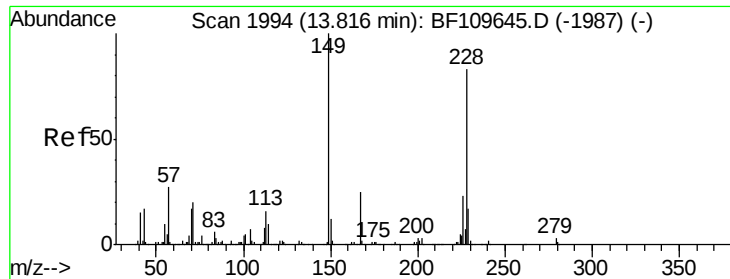


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.803 ng

RT: 13.82 min Scan# 1995

Delta R.T. 0.01 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

Instrument :

BNA_F

ClientSampleId :

CY-1

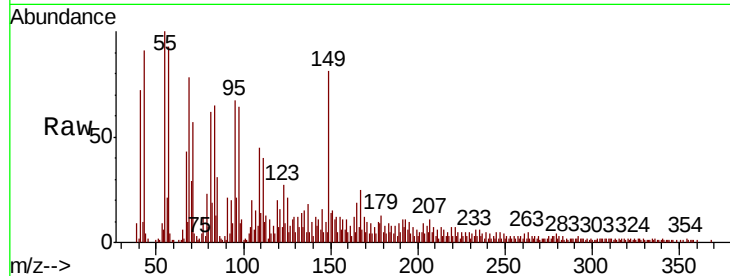
Tgt Ion:149 Resp: 25638

Ion Ratio Lower Upper

149 100

167 31.1 19.8 29.8#

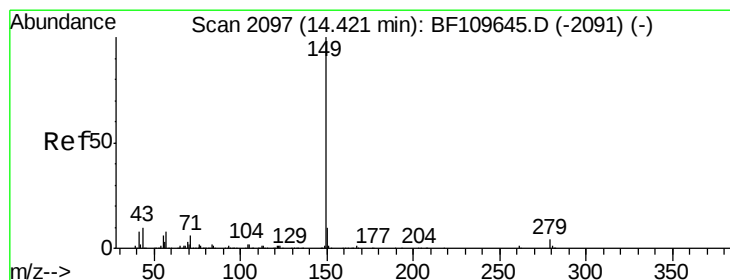
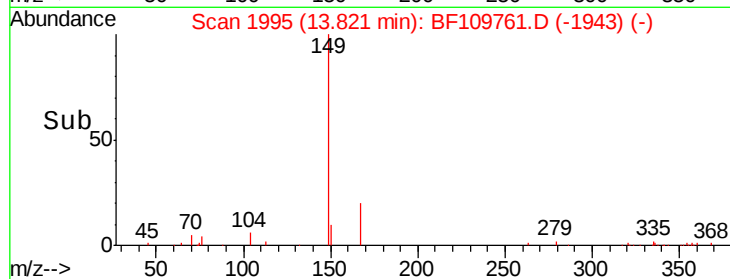
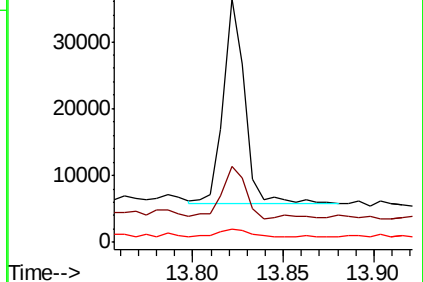
279 5.3 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 4.023 ng

RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

Lab File: BF109761.D

Acq: 11 Oct 2018 00:02

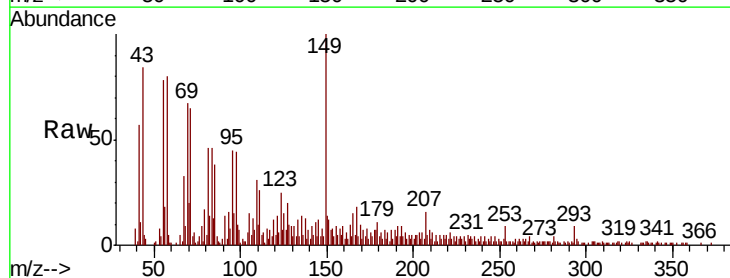
Tgt Ion:149 Resp: 42879

Ion Ratio Lower Upper

149 100

167 12.7 1.1 1.7#

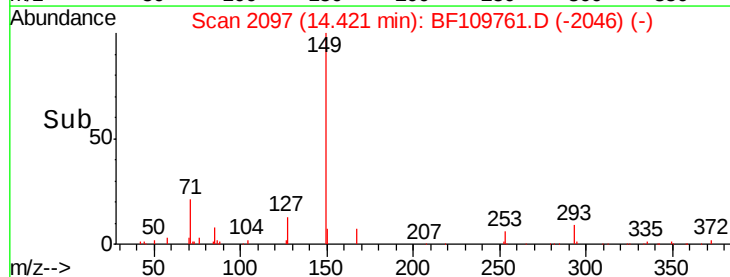
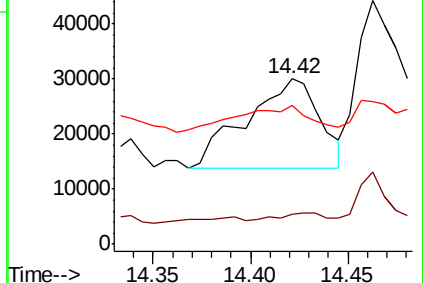
43 29.3 7.8 11.8#

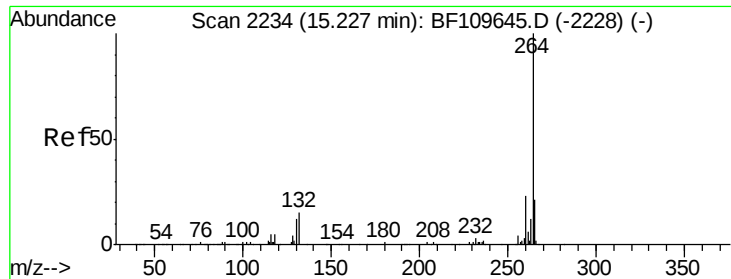


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

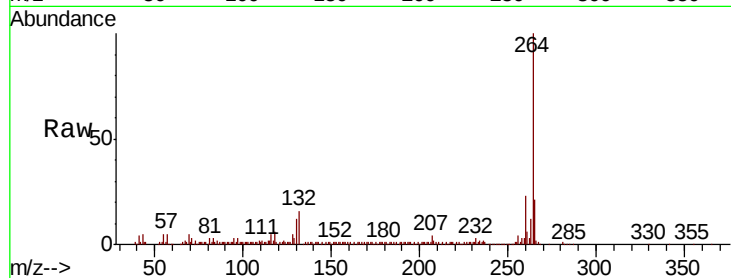




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF109761.D
Acq: 11 Oct 2018 00:02

Instrument :
BNA_F
ClientSampleId :
CY-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.9	16.7	25.1



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

