

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108750.D
 Acq On : 4 Sep 2018 19:28
 Operator : JU/SJ
 Sample : J4747-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 03:12:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 15:06:55 2018
 Response via : Initial Calibration

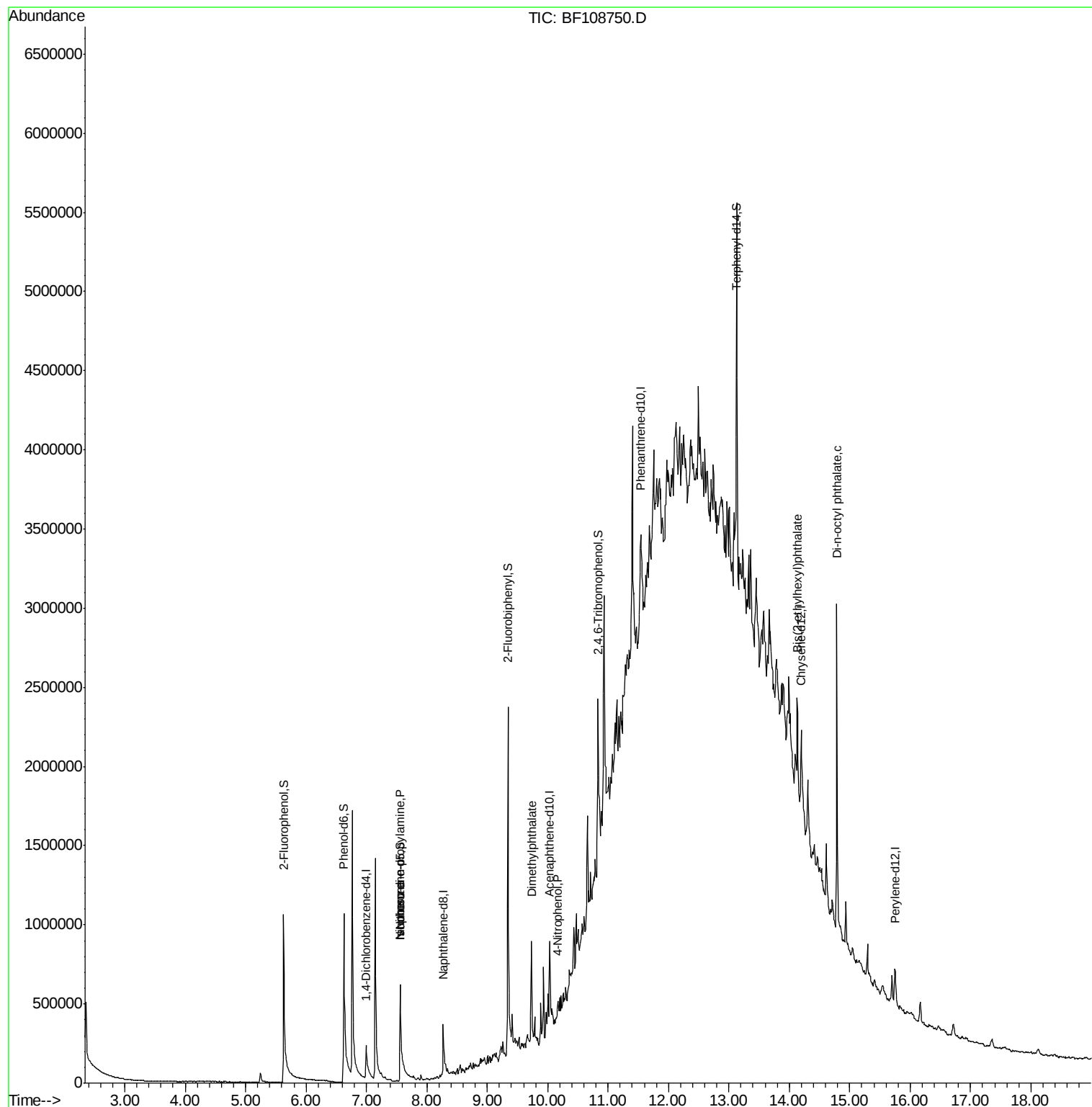
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	78202	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	296006	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	148998	20.00	ng	-0.02
63) Phenanthrene-d10	11.54	188	270616	20.00	ng	0.00
75) Chrysene-d12	14.20	240	213791	20.00	ng	0.00
86) Perylene-d12	15.75	264	170377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	529905	117.71	ng	-0.02
7) Phenol-d6	6.62	99	810015	125.63	ng	-0.02
23) Nitrobenzene-d5	7.56	82	508803	87.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	200358	101.86	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1021551	92.19	ng	-0.02
78) Terphenyl-d14	13.13	244	1031275	93.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.56	70	63228	14.644	ng	# 85
25) Isophorone	7.56	82	508803	52.522	ng	# 64
49) Dimethylphthalate	9.74	163	124547	10.615	ng	# 94
55) 4-Nitrophenol	10.17	139	176	4.852	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.13	149	145094	16.704	ng	# 99
84) Di-n-octyl phthalate	14.79	149	217790	17.053	ng	# 37

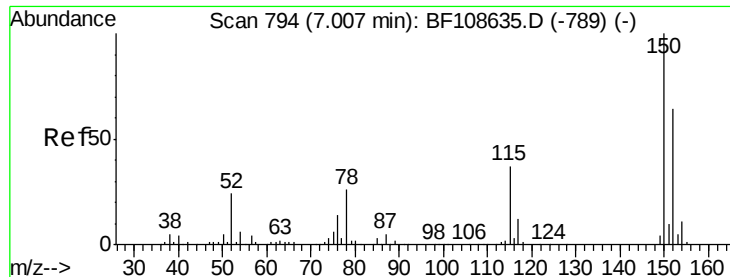
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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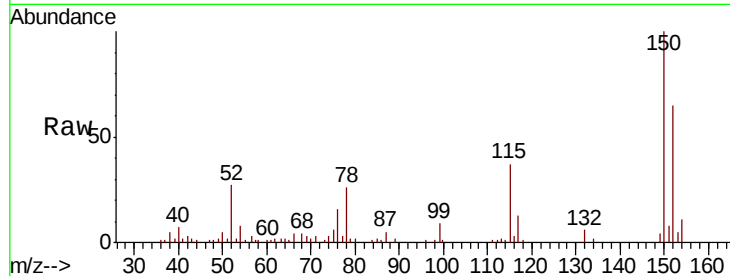


#1

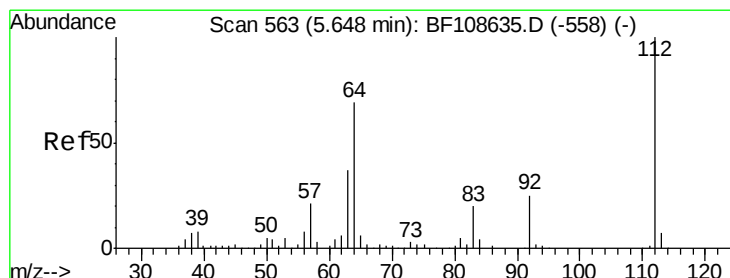
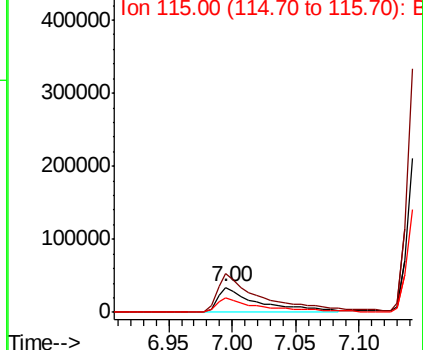
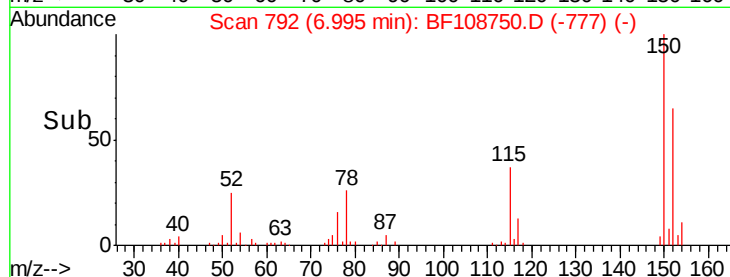
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 78202
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 57.6 50.1 75.1



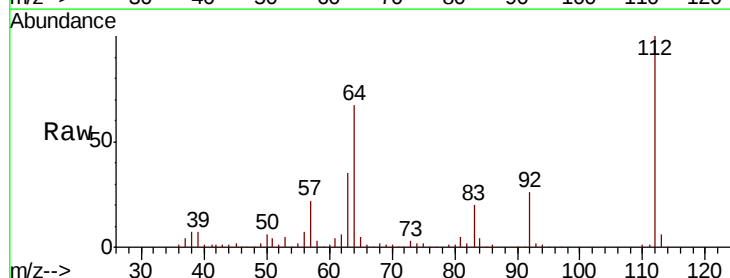
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



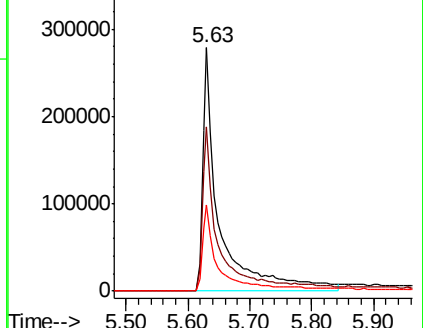
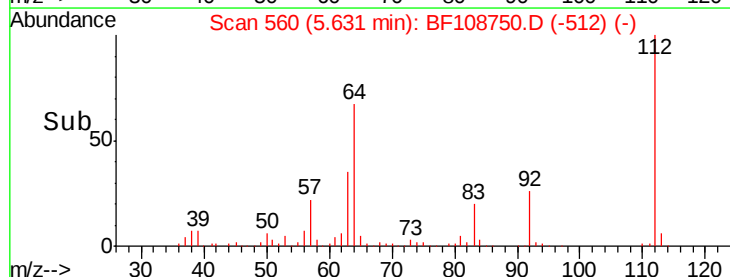
#5

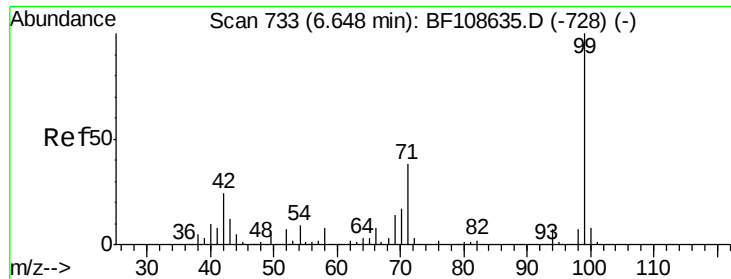
2-Fluorophenol
Concen: 117.715 ng
RT: 5.63 min Scan# 560
Delta R.T. -0.02 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Tgt Ion:112 Resp: 529905
Ion Ratio Lower Upper
112 100
64 67.4 47.9 71.9
63 35.4 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: 125.633 ng

RT: 6.62 min Scan# 729

Delta R.T. -0.02 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Instrument :

BNA_F

ClientSampled :

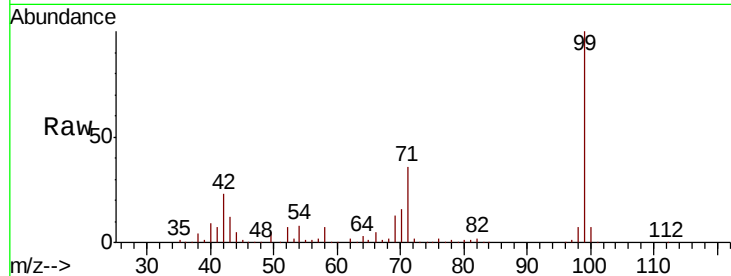
Tot Ion: 99 Resp: 810015

Ion Ratio Lower Upper

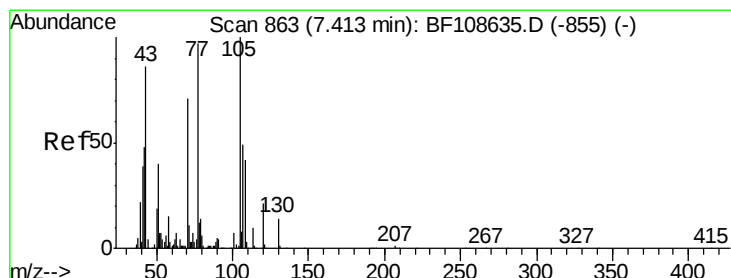
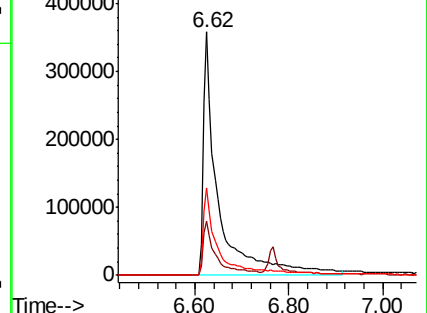
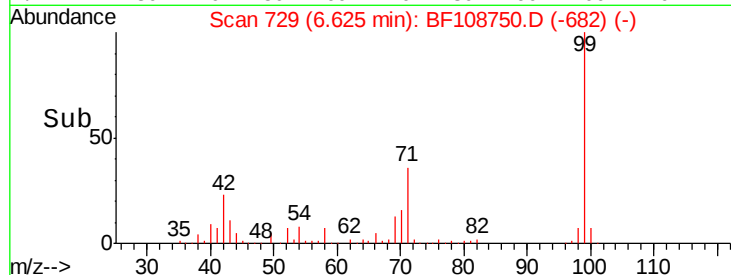
99 100

42 22.5 14.5 21.7#

71 35.7 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.644 ng

RT: 7.56 min Scan# 888

Delta R.T. 0.15 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Tgt Ion: 70 Resp: 63228

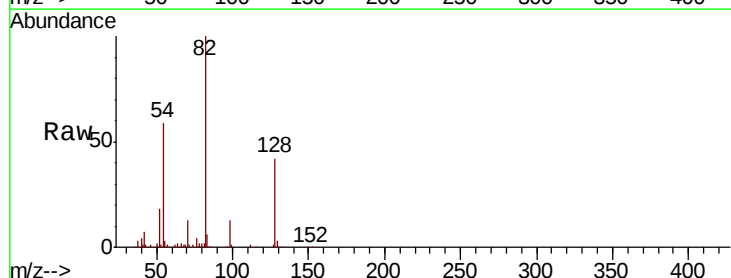
Ion Ratio Lower Upper

70 100

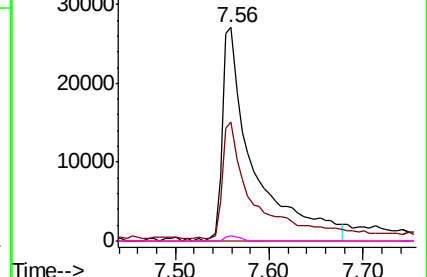
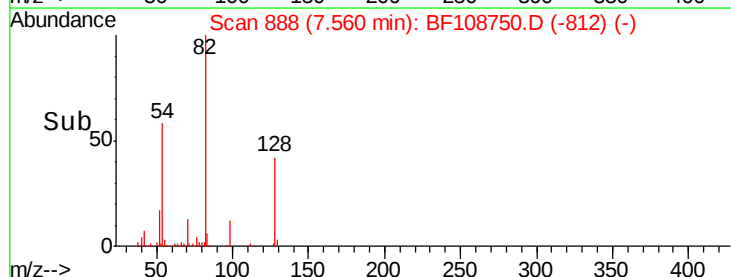
42 55.5 47.5 71.3

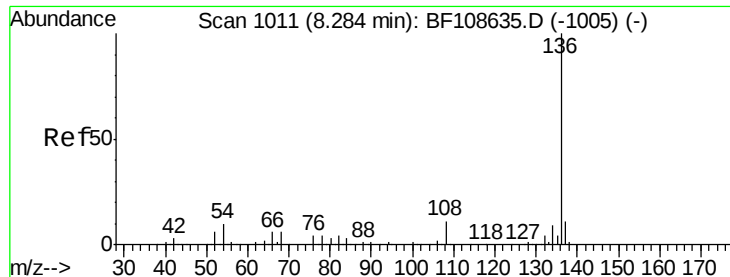
101 0.0 7.4 11.2#

130 2.3 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

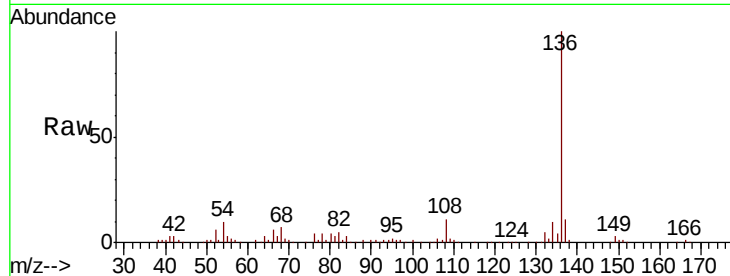




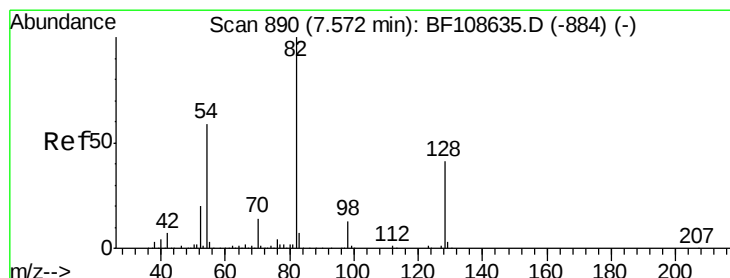
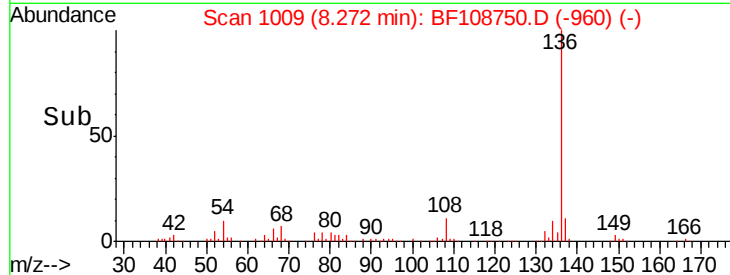
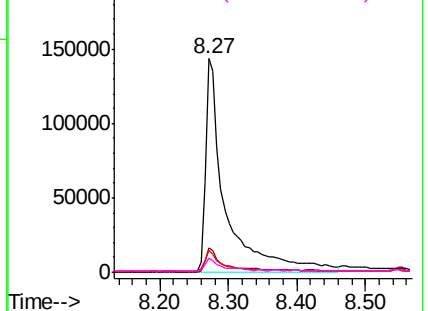
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	296006
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.9 13.3
54	10.4	6.6 9.8#
68	6.8	5.0 7.4

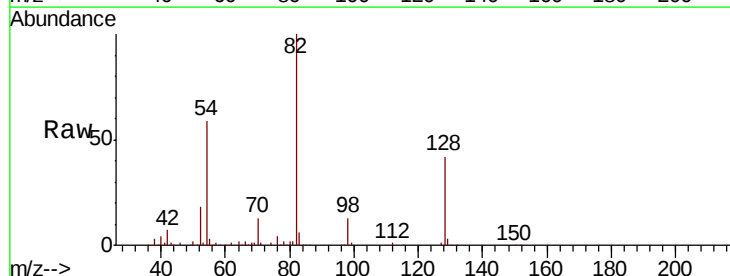


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

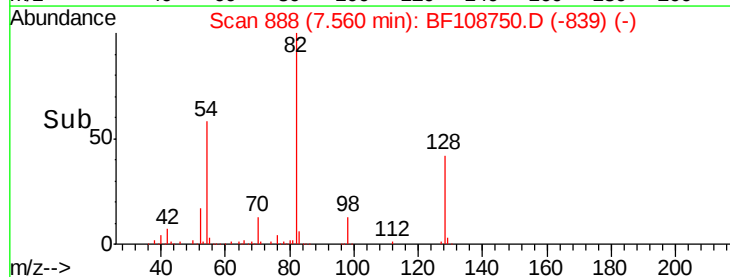
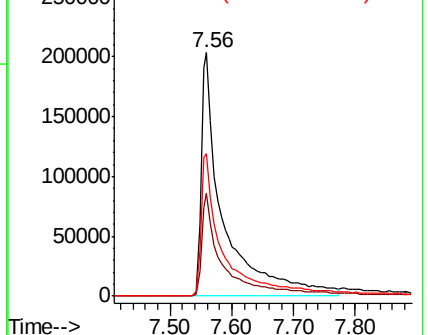


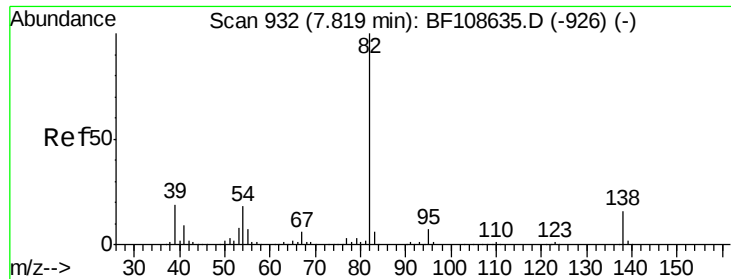
#23
Nitrobenzene-d5
Concen: 87.249 ng
RT: 7.56 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Tgt Ion: 82	Resp:	508803
Ion	Ratio	Lower Upper
82	100	
128	42.4	36.1 54.1
54	58.7	41.4 62.2



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





#25

Isophorone

Concen: 52.522 ng

RT: 7.56 min Scan# 888

Delta R.T. -0.26 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Instrument :

BNA_F

ClientSampleId :

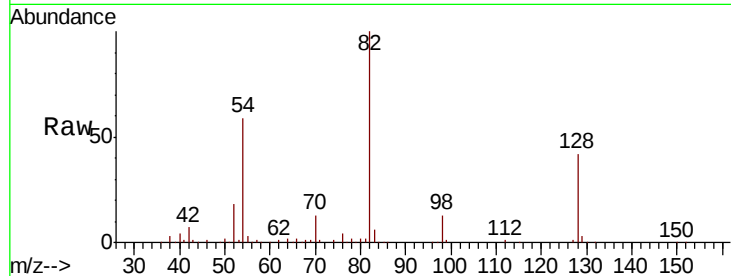
Tot Ion: 82 Resp: 508803

Ion Ratio Lower Upper

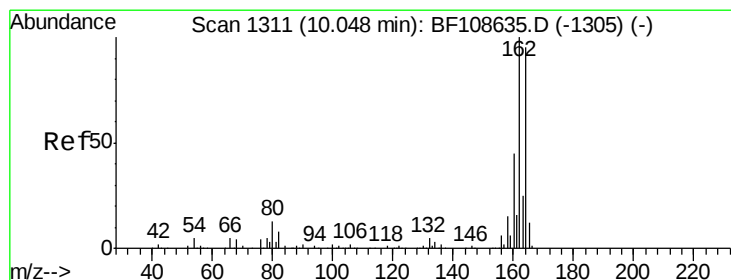
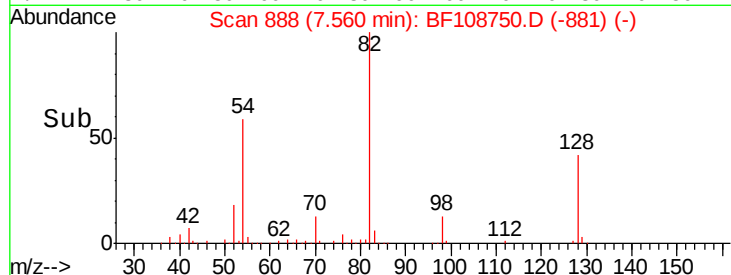
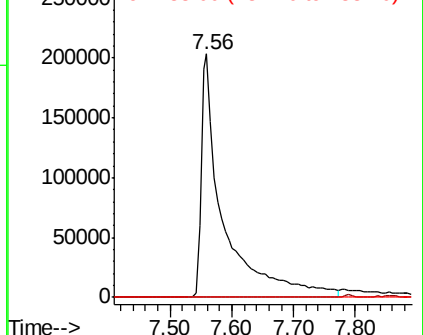
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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: 10.03 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

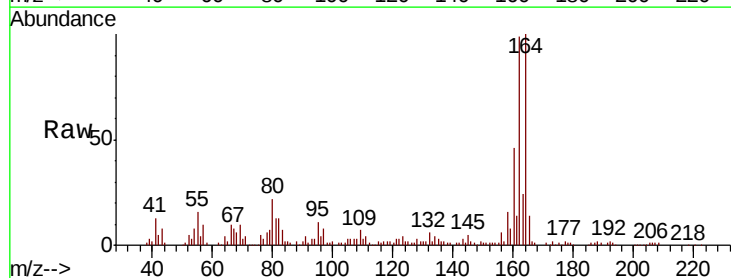
Tgt Ion:164 Resp: 148998

Ion Ratio Lower Upper

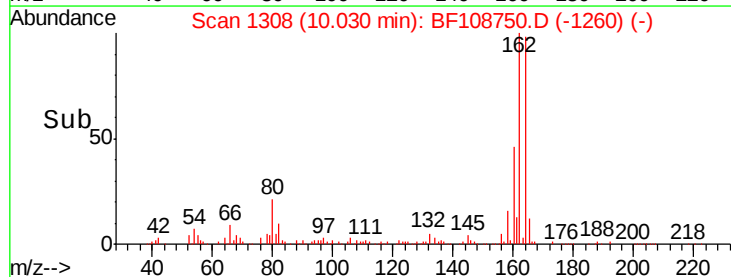
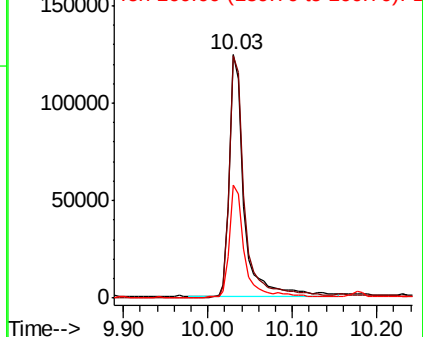
164 100

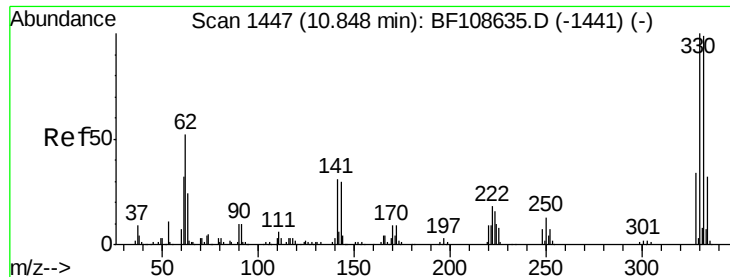
162 99.5 86.1 129.1

160 46.5 38.3 57.5



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

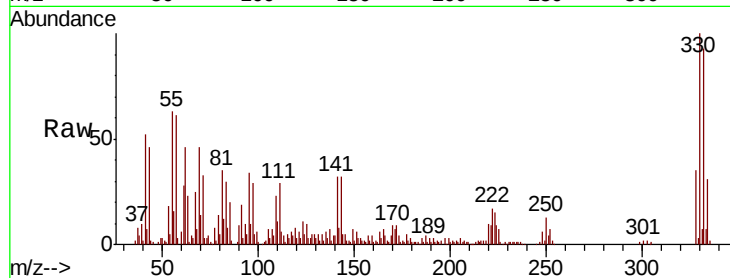




#41
 2,4,6-Tribromophenol
 Concen: 101.862 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108750.D
 Acq: 4 Sep 2018 19:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	30.9	29.9	44.9

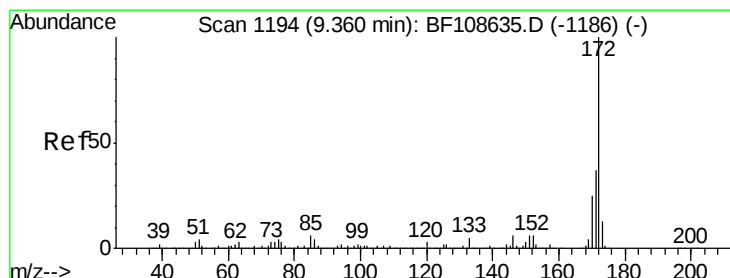
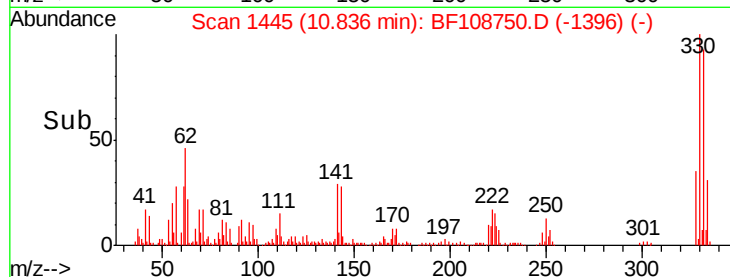
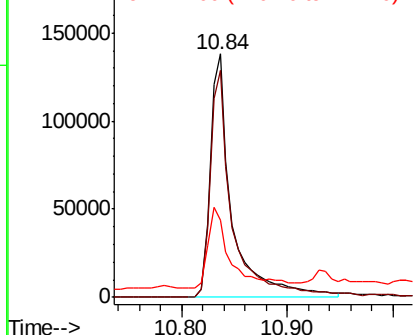


Abundance

Ion 329.80 (329.50 to 330.50): E

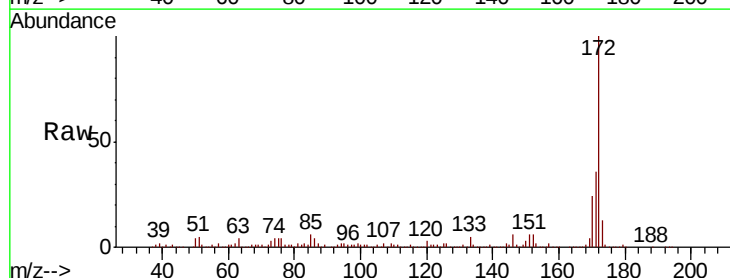
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.186 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BF108750.D
 Acq: 4 Sep 2018 19:28

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.0	19.6	29.4

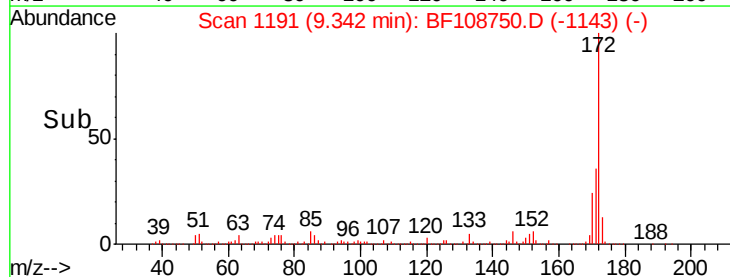
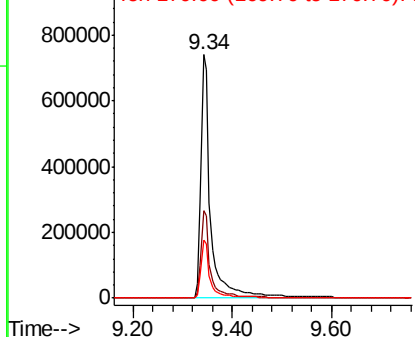


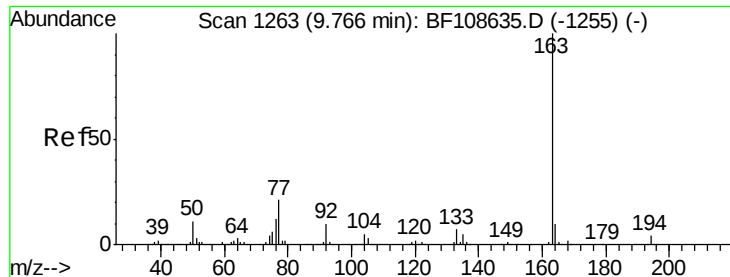
Abundance

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





#49

Dimethylphthalate

Concen: 10.615 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.03 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Instrument :

BNA_F

ClientSampled :

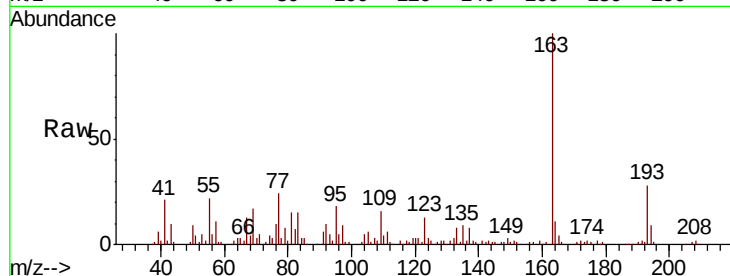
Tot Ion:163 Resp: 124547

Ion Ratio Lower Upper

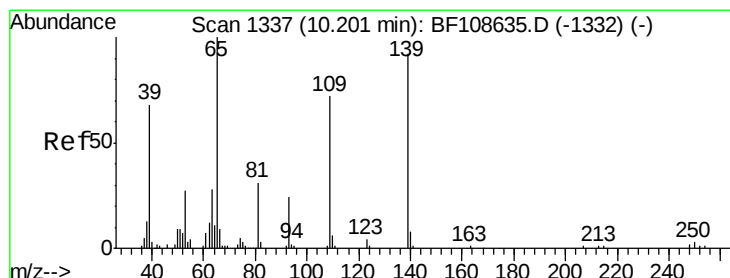
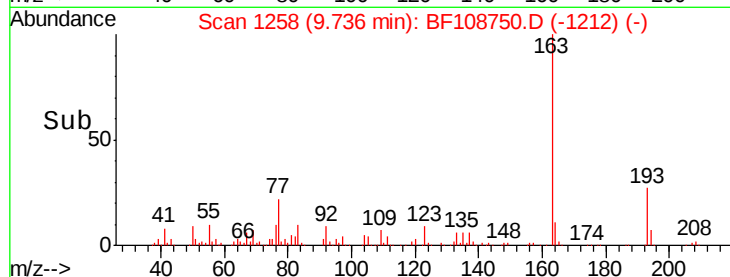
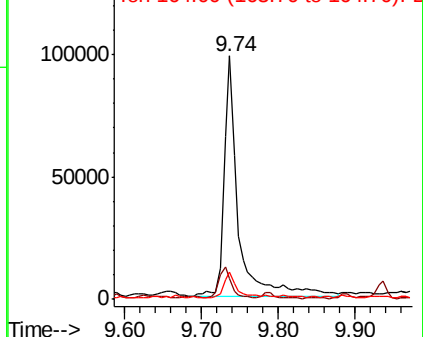
163 100

194 8.6 2.7 4.1#

164 11.3 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



#55

4-Nitrophenol

Concen: 4.852 ng

RT: 10.17 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

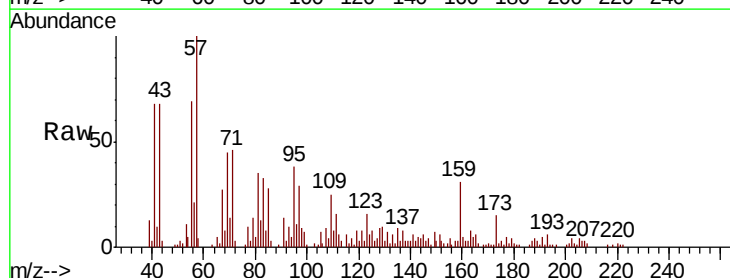
Tgt Ion:139 Resp: 176

Ion Ratio Lower Upper

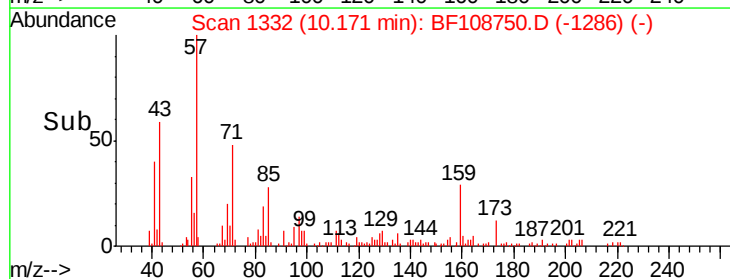
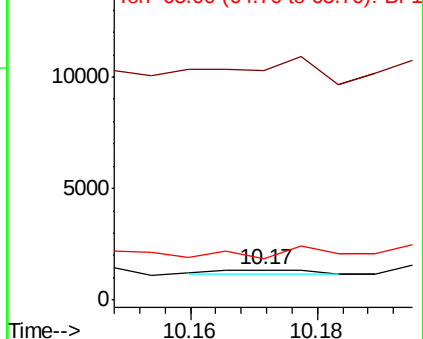
139 100

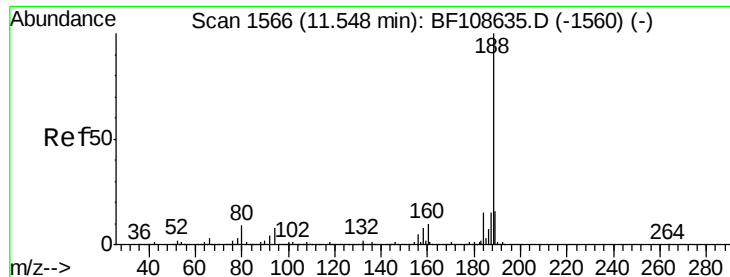
109 758.6 48.4 88.4#

65 136.9 72.6 112.6#



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

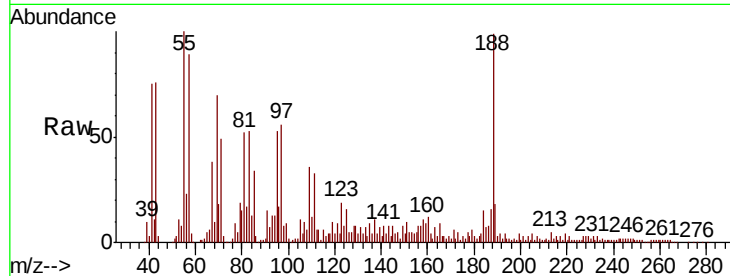




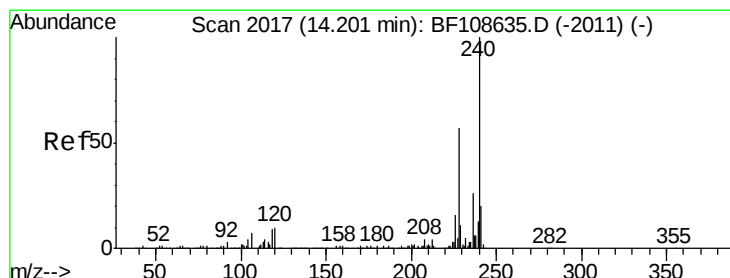
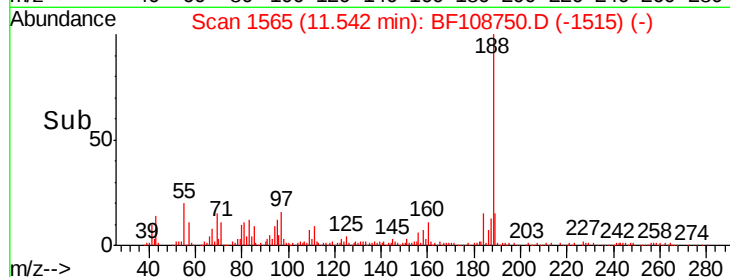
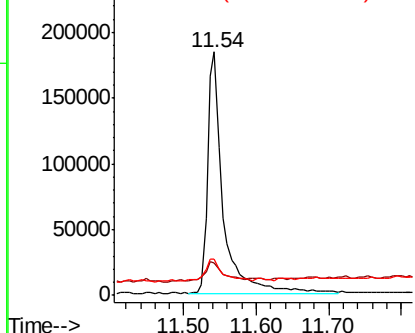
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 270616
Ion Ratio Lower Upper
188 100
94 13.5 8.5 12.7#
80 14.7 9.2 13.8#

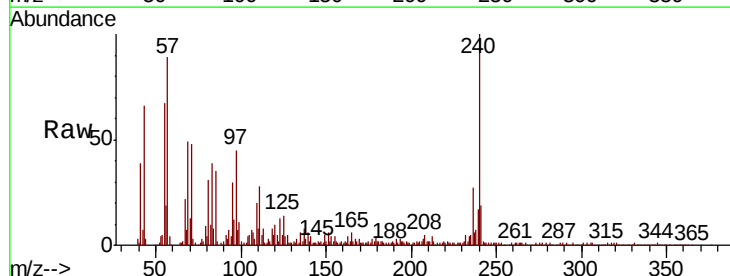


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

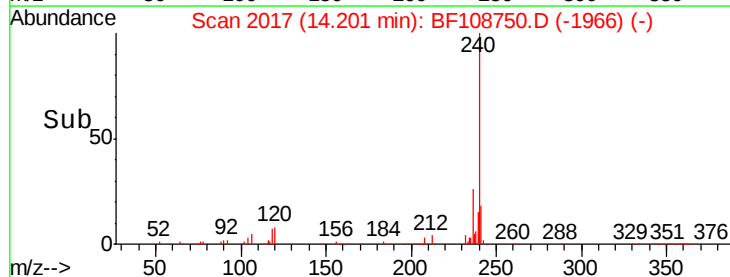
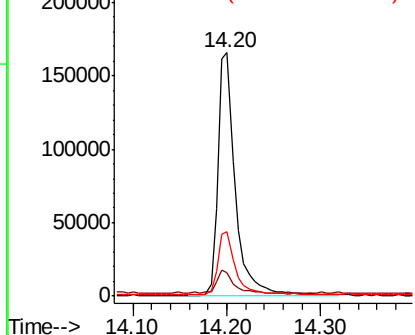


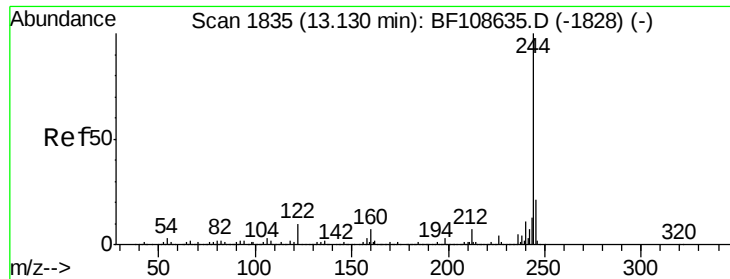
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.20 min Scan# 1717
Delta R.T. -0.00 min
Lab File: BF108750.D
Acq: 4 Sep 2018 19:28

Tgt Ion:240 Resp: 213791
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 26.7 20.7 31.1



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: 93.723 ng

RT: 13.13 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Instrument :

BNA_F

ClientSampleId :

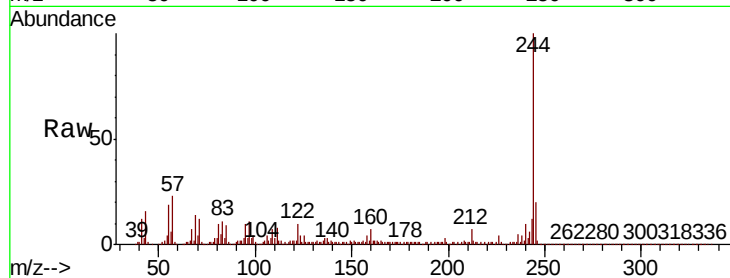
Tot Ion:244 Resp: 1031275

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

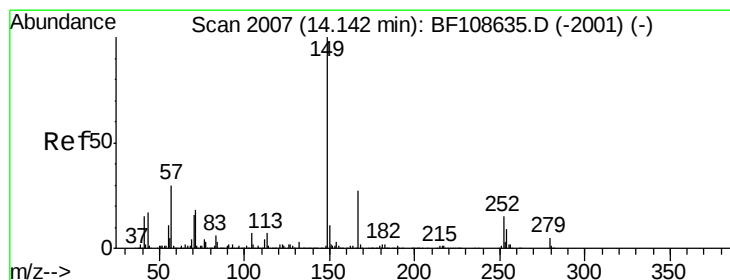
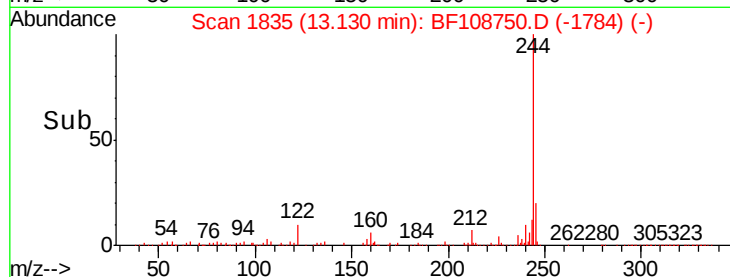
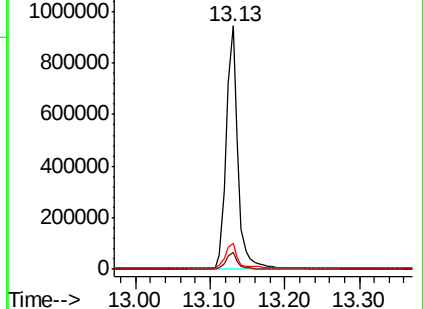
122 10.5 11.0 16.4#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 16.704 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

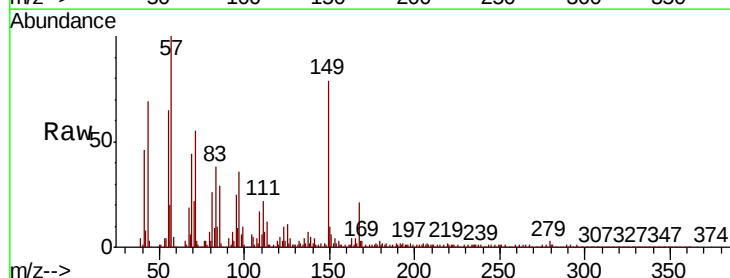
Tgt Ion:149 Resp: 145094

Ion Ratio Lower Upper

149 100

167 26.9 21.3 31.9

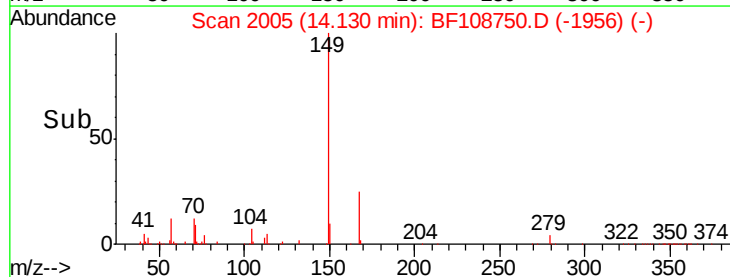
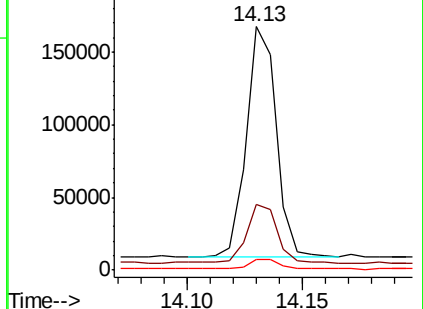
279 4.4 3.0 4.4

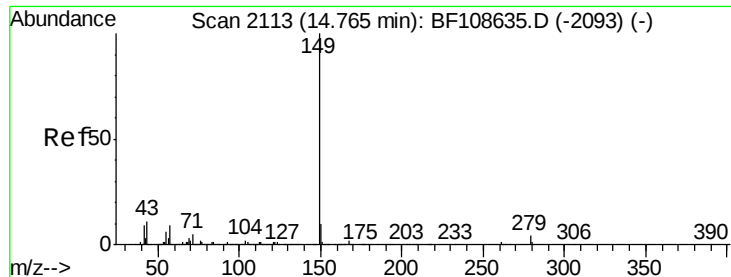


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 17.053 ng

RT: 14.79 min Scan# 2117

Delta R.T. 0.02 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

Instrument :

BNA_F

ClientSampleId :

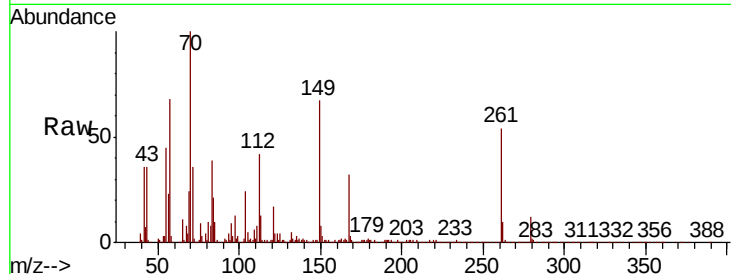
Tot Ion:149 Resp: 217790

Ion Ratio Lower Upper

149 100

167 48.5 1.2 1.8#

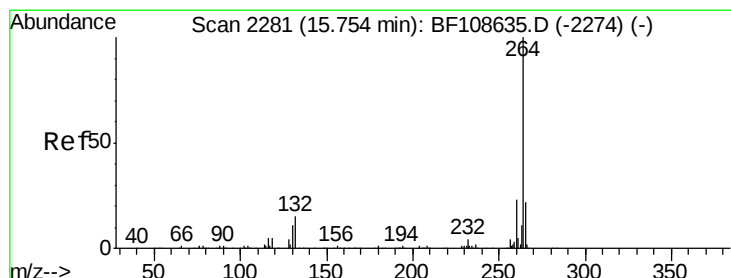
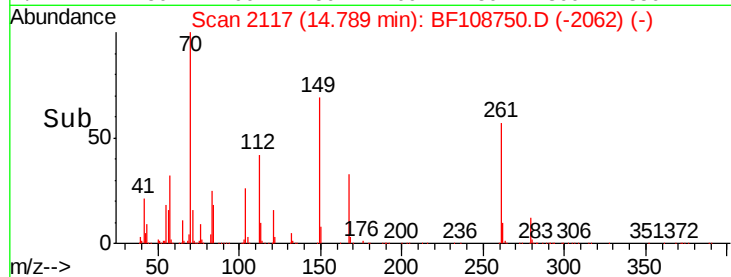
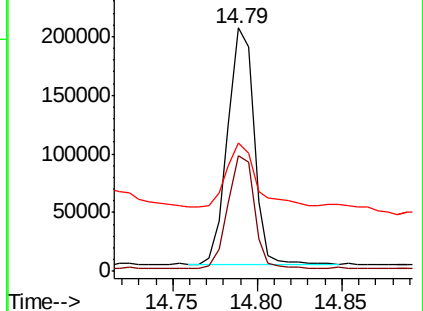
43 30.8 8.4 12.6#



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: 15.75 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF108750.D

Acq: 4 Sep 2018 19:28

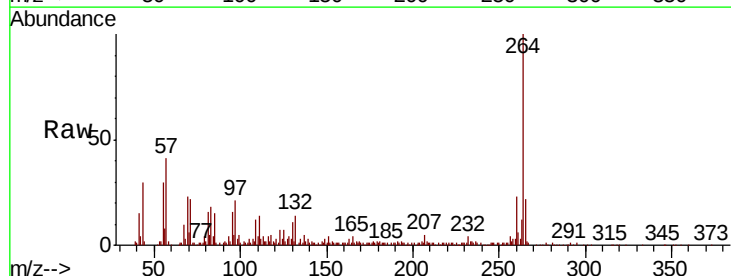
Tgt Ion:264 Resp: 170377

Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.6 17.5 26.3



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

