

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090418\
 Data File : BF108764.D
 Acq On : 5 Sep 2018 4:13
 Operator : JU/SJ
 Sample : J4760-02 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 05 08:03:10 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

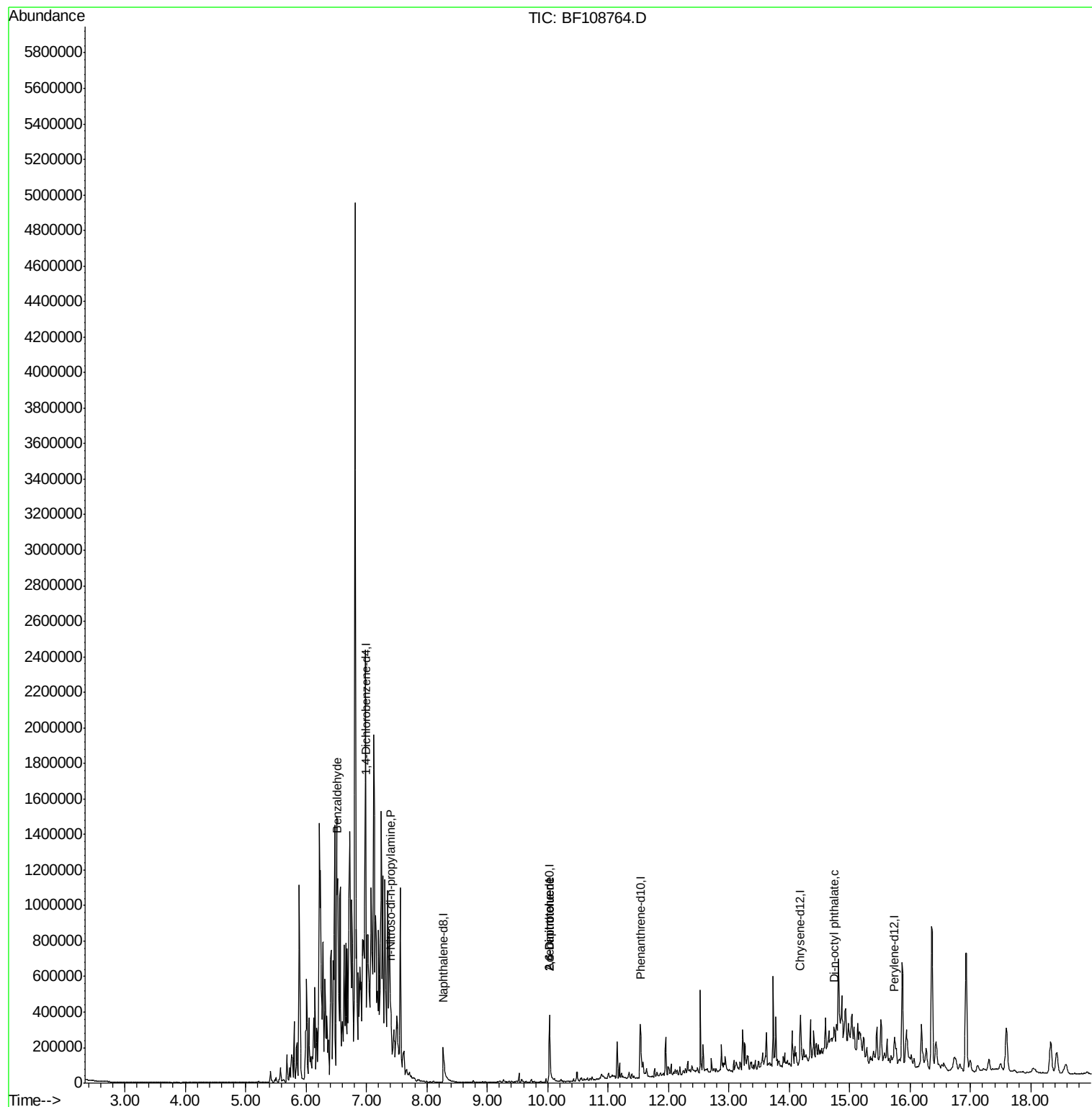
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	47183	20.00	ng	-0.01
21) Naphthalene-d8	8.27	136	210884	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	106503	20.00	ng	-0.02
63) Phenanthrene-d10	11.53	188	226574	20.00	ng	-0.02
75) Chrysene-d12	14.18	240	165500	20.00	ng	-0.02
86) Perylene-d12	15.74	264	118217	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	1651	0.61	ng	0.04
7) Phenol-d6	6.65	99	1396	0.36	ng	0.00
23) Nitrobenzene-d5	7.52	82	7497	1.80	ng	-0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.37	172	1788	0.23	ng	0.00
78) Terphenyl-d14	13.11	244	4594	0.54	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.52	77	8739	3.635	ng	# 8
19) n-Nitroso-di-n-propylamine	7.41	70	13742	5.275	ng	# 78
50) 2,6-Dinitrotoluene	10.03	165	12555	6.792	ng	# 24
56) 2,4-Dinitrotoluene	10.03	165	12555	5.129	ng	# 21
84) Di-n-octyl phthalate	14.74	149	78679	7.958	ng	# 59

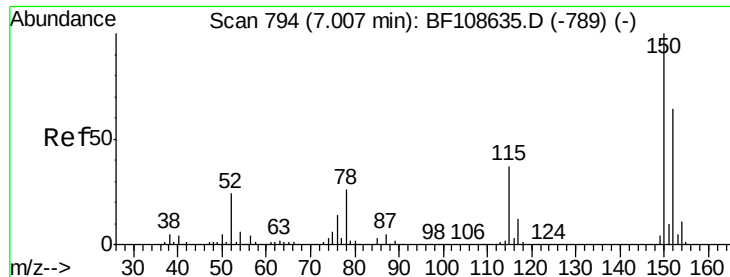
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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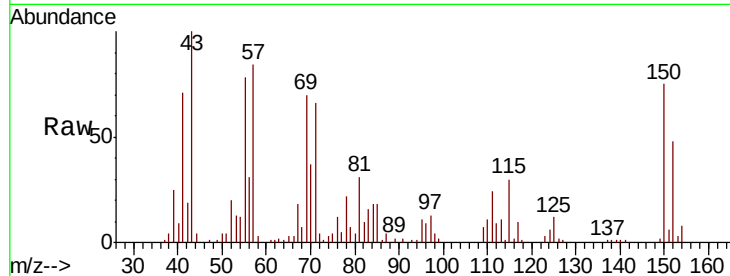


#1

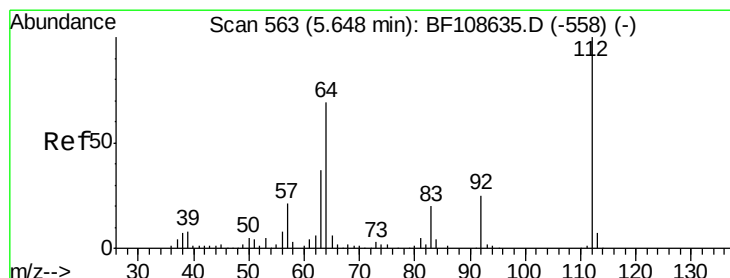
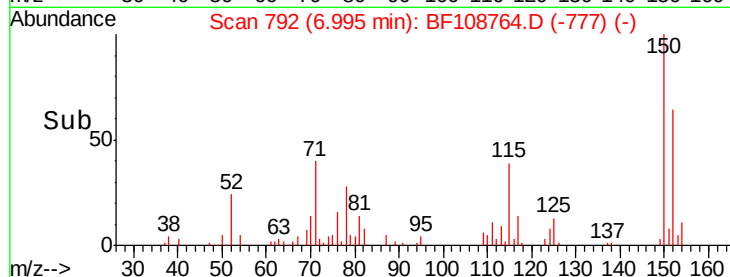
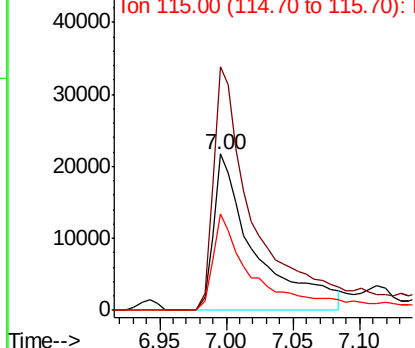
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 47183
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 61.5 50.1 75.1



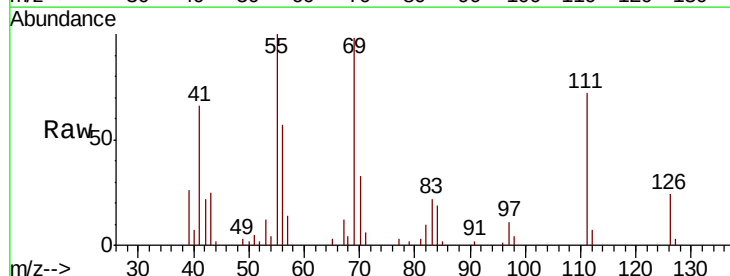
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



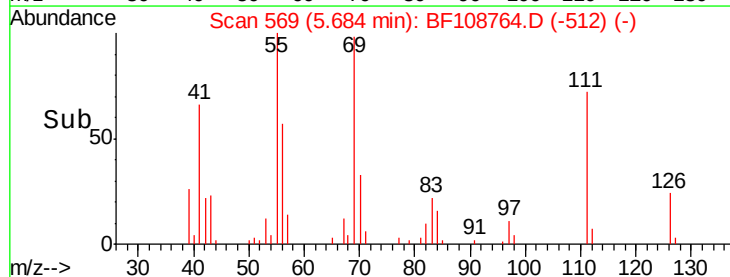
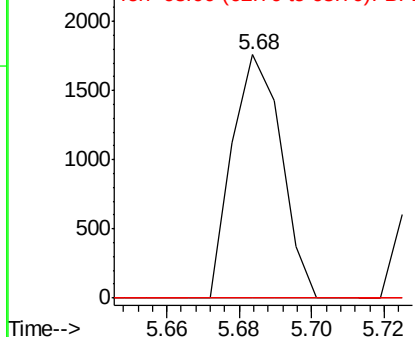
#5

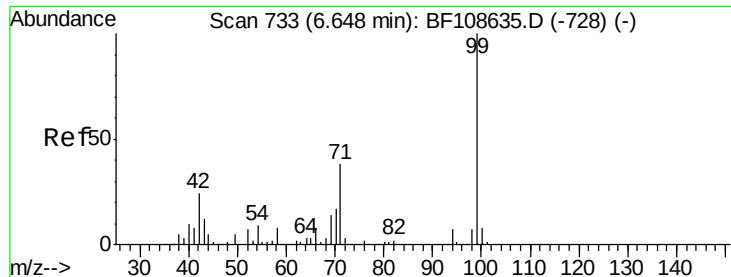
2-Fluorophenol
Concen: 0.608 ng
RT: 5.68 min Scan# 569
Delta R.T. 0.04 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Tgt Ion:112 Resp: 1651
Ion Ratio Lower Upper
112 100
64 0.0 47.9 71.9#
63 0.0 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: 0.359 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108764.D

Acq: 5 Sep 2018 4:13

Instrument :

BNA_F

ClientSampleId :

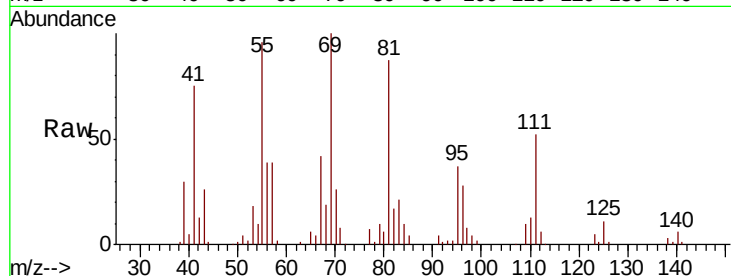
Tot Ion: 99 Resp: 1396

Ion Ratio Lower Upper

99 100

42 798.3 14.5 21.7#

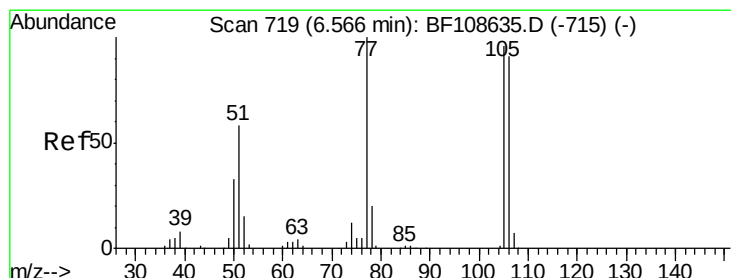
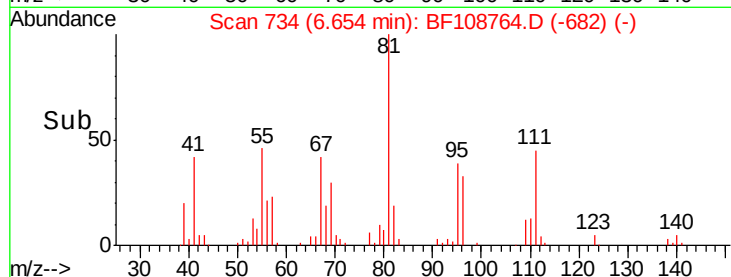
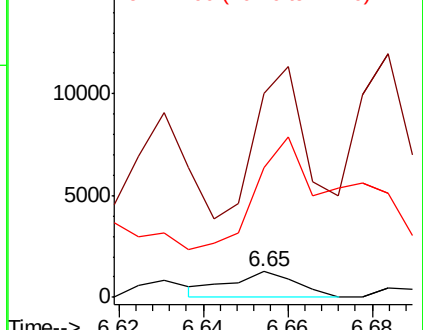
71 509.1 25.4 38.0#



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



#9

Benzaldehyde

Concen: 3.635 ng

RT: 6.52 min Scan# 711

Delta R.T. -0.05 min

Lab File: BF108764.D

Acq: 5 Sep 2018 4:13

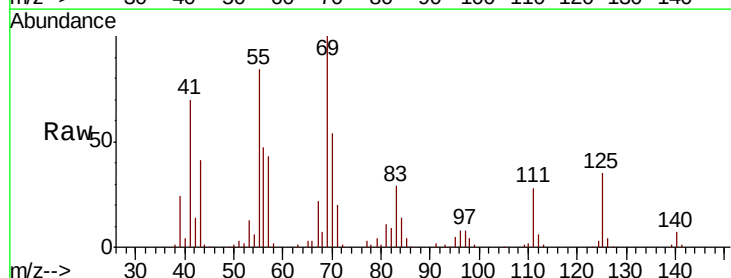
Tgt Ion: 77 Resp: 8739

Ion Ratio Lower Upper

77 100

105 14.4 81.1 121.1#

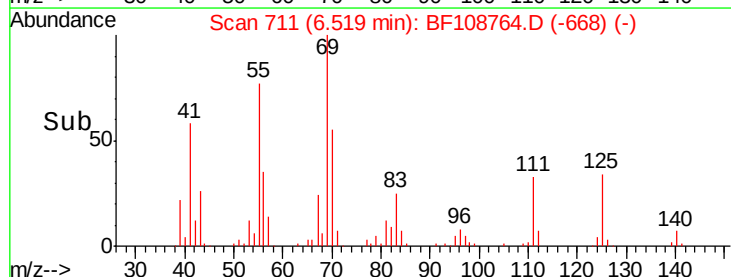
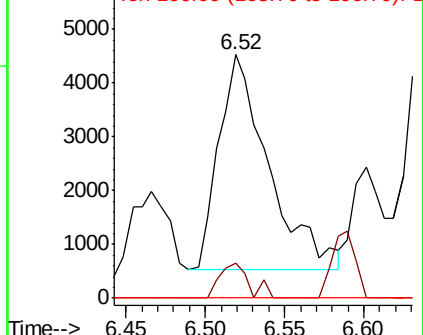
106 0.0 74.5 114.5#

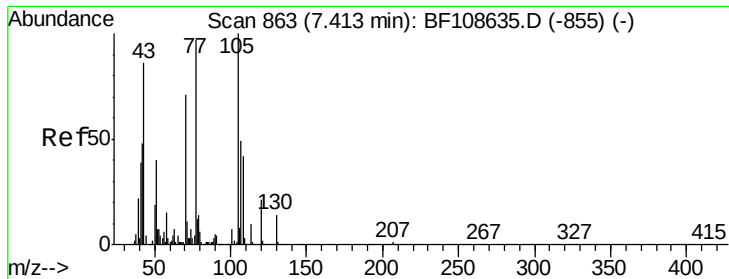


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

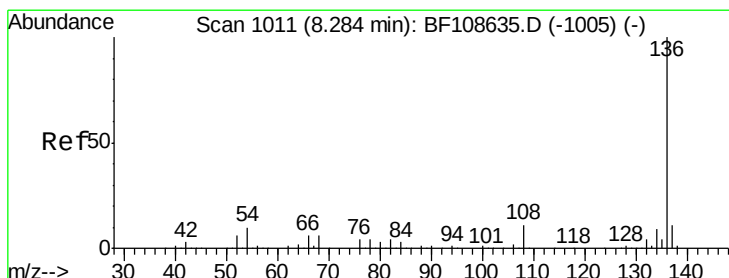
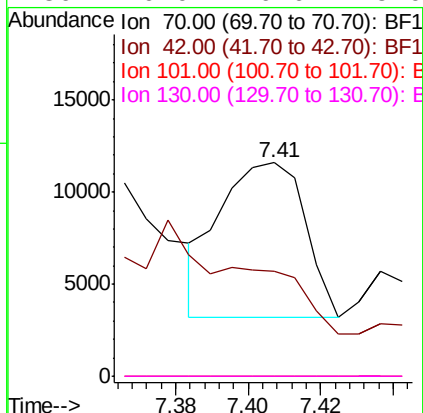
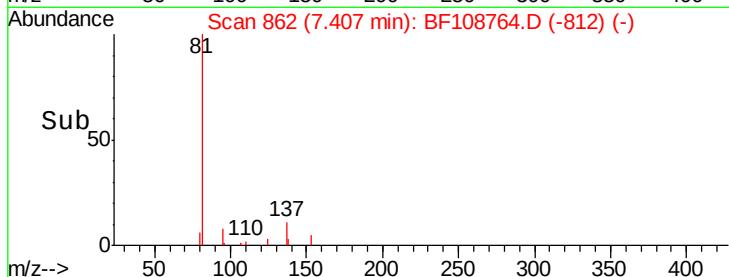
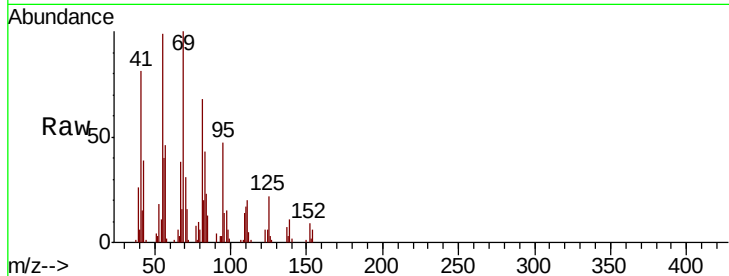




#19
n-Nitroso-di-n-propylamine
Concen: 5.275 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.01 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

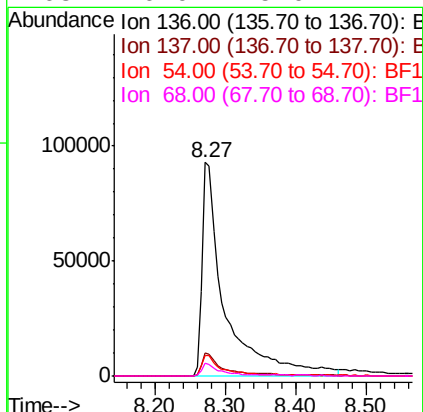
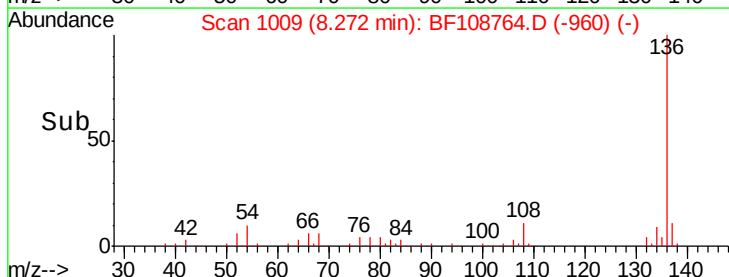
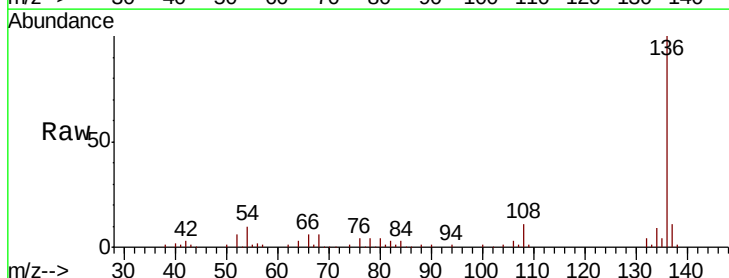
Instrument :
BNA_F
ClientSampleId :

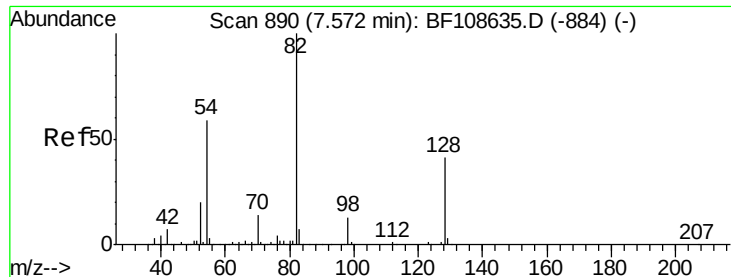
Tot Ion: 70 Resp: 13742
Ion Ratio Lower Upper
70 100
42 49.1 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Tgt Ion: 136 Resp: 210884
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.5 6.6 9.8
68 6.0 5.0 7.4

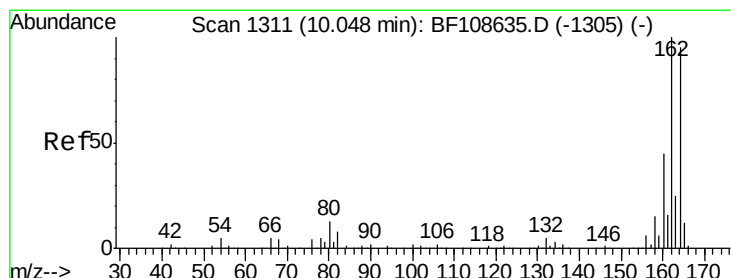
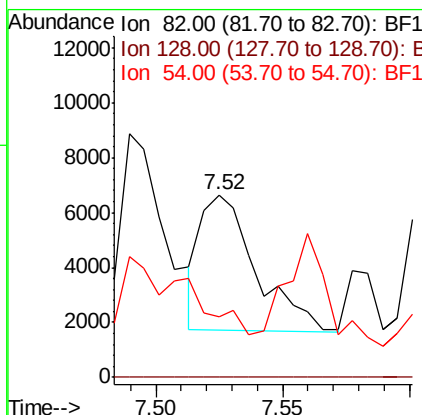
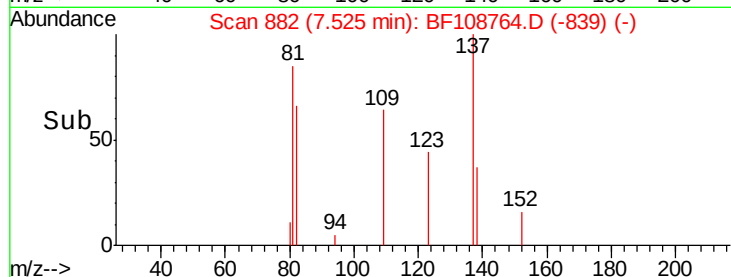
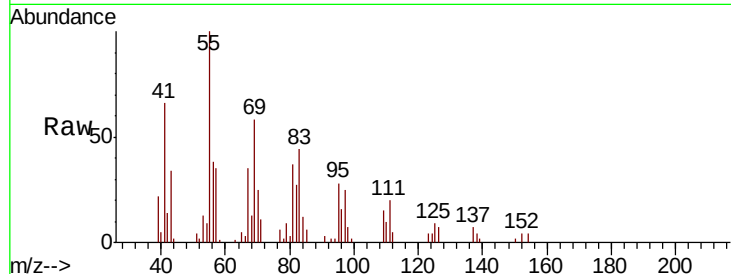




#23
 Nitrobenzene-d5
 Concen: 1.804 ng
 RT: 7.52 min Scan# 882
 Delta R.T. -0.05 min
 Lab File: BF108764.D
 Acq: 5 Sep 2018 4:13

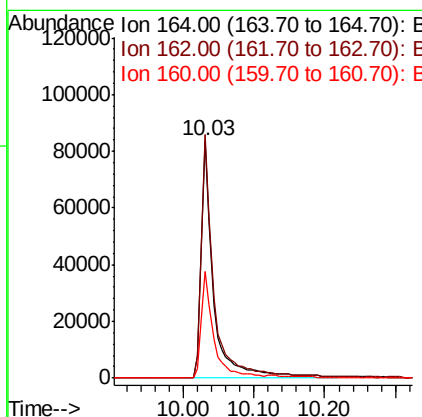
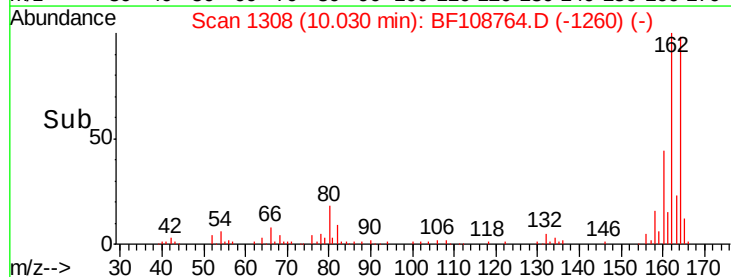
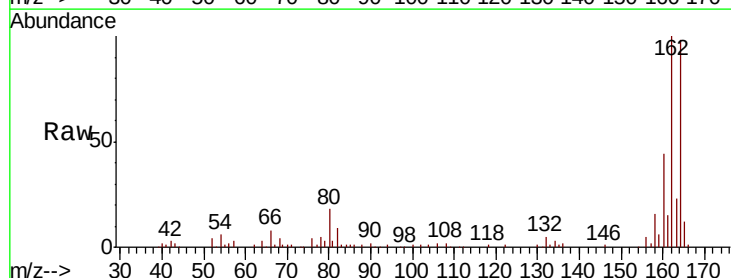
Instrument :
 BNA_F
 ClientSampled :

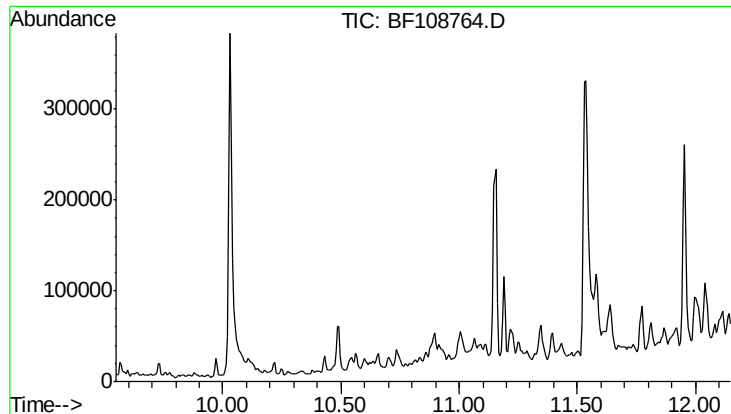
Tot Ion: 82 Resp: 7497
 Ion Ratio Lower Upper
 82 100
 128 0.0 36.1 54.1#
 54 33.0 41.4 62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.02 min
 Lab File: BF108764.D
 Acq: 5 Sep 2018 4:13

Tgt Ion:164 Resp: 106503
 Ion Ratio Lower Upper
 164 100
 162 102.5 86.1 129.1
 160 44.9 38.3 57.5

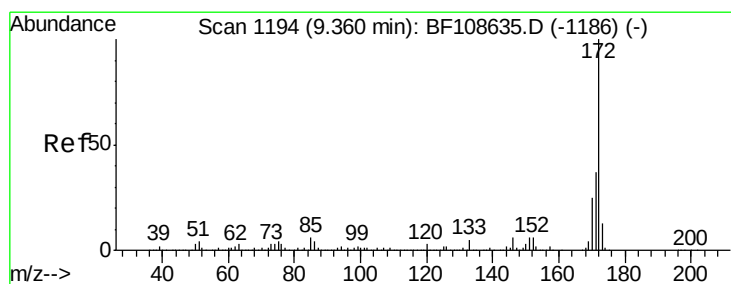
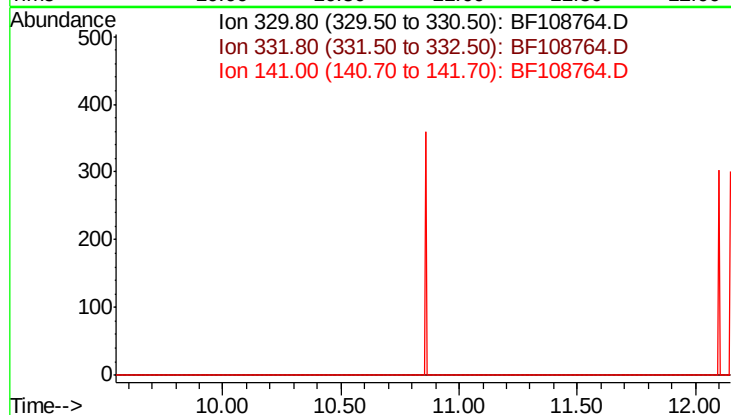




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.85 min
 Lab File: BF108764.D
 Acq: 5 Sep 2018 4:13

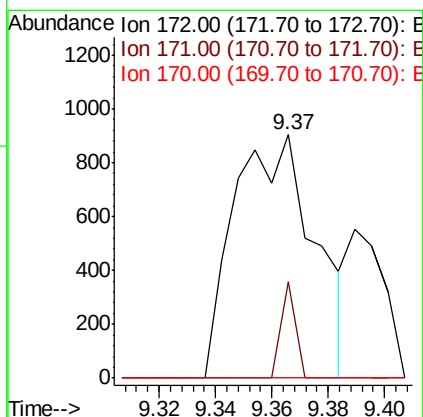
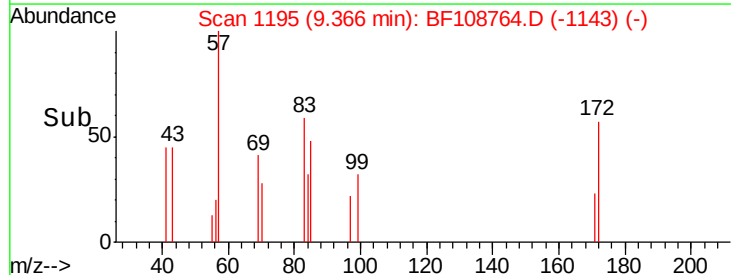
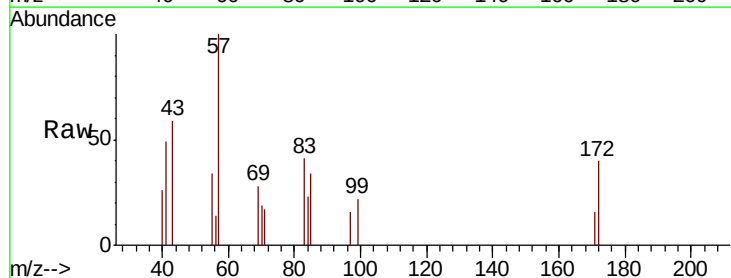
Instrument :
 BNA_F
 ClientSampleId :

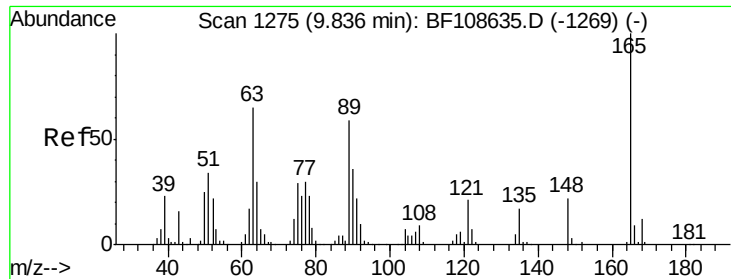
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 0.226 ng
 RT: 9.37 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF108764.D
 Acq: 5 Sep 2018 4:13

Tgt Ion: 172 Resp: 1788
 Ion Ratio Lower Upper
 172 100
 171 39.8 29.7 44.5
 170 0.0 19.6 29.4#

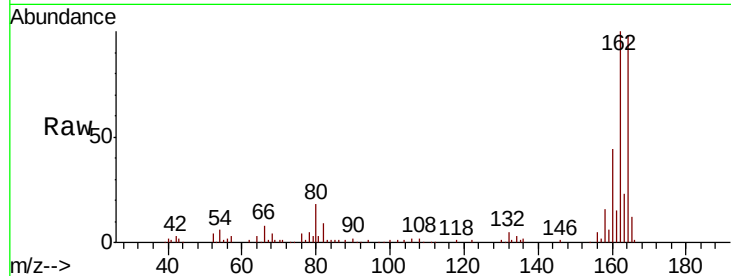




#50
2,6-Dinitrotoluene
Concen: 6.792 ng
RT: 10.03 min Scan# 1308
Delta R.T. 0.19 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Instrument :
BNA_F
ClientSampleId :

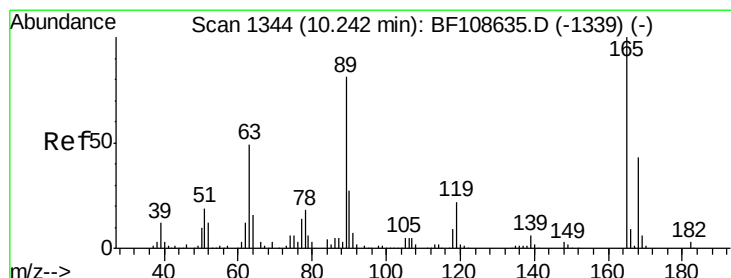
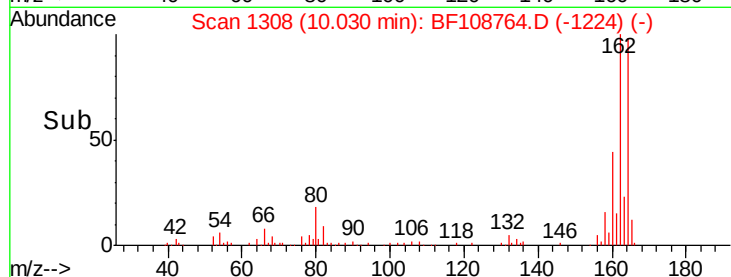
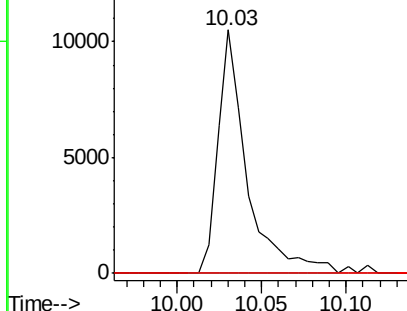
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



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



#56
2,4-Dinitrotoluene
Concen: 5.129 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.21 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

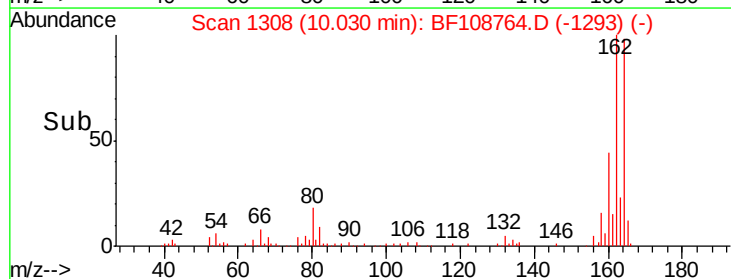
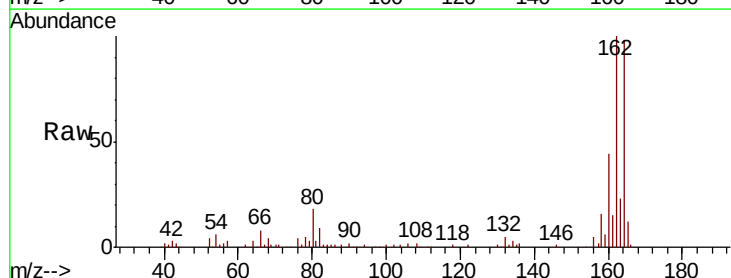
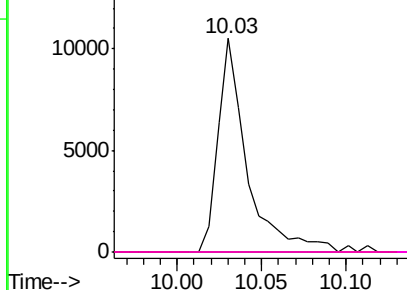
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

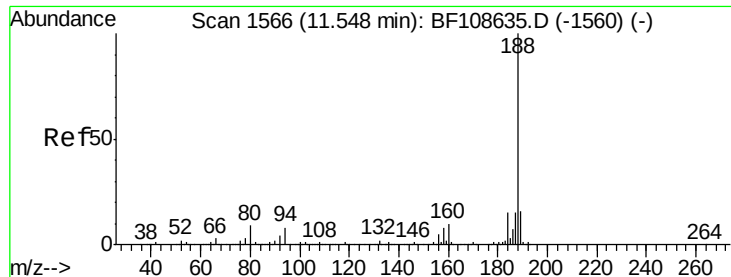
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

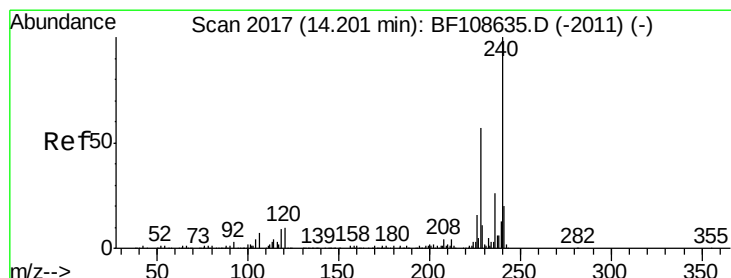
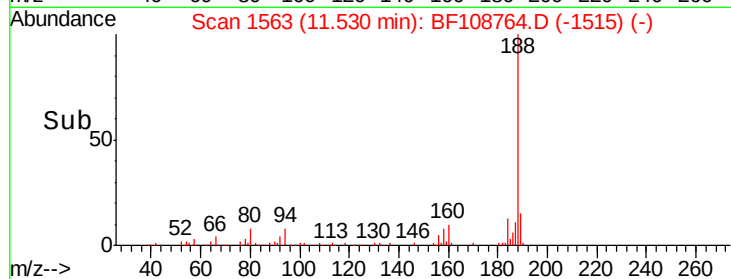
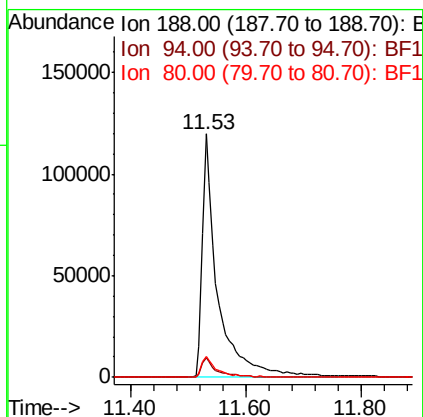
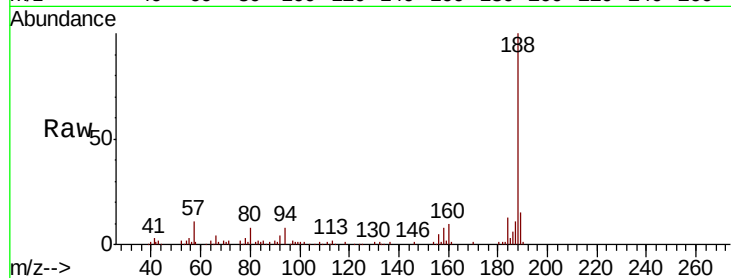




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.53 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

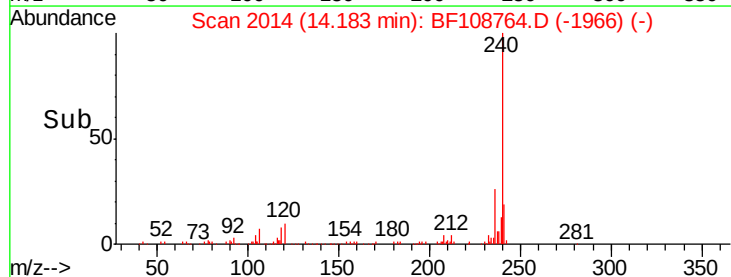
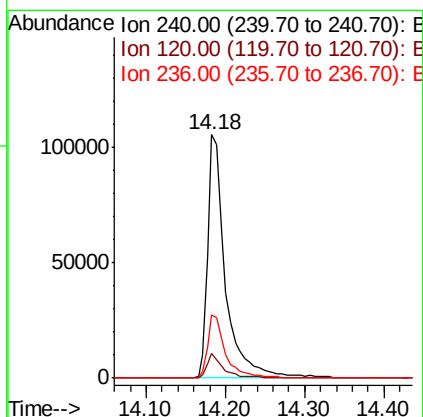
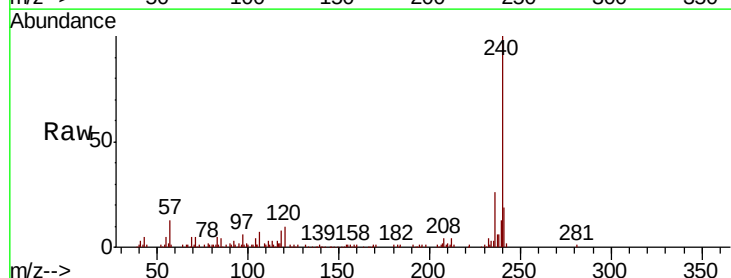
Instrument :
BNA_F
ClientSampleId :

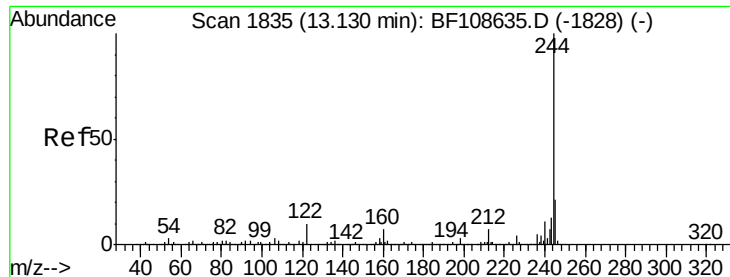
Tot Ion:188 Resp: 226574
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Tgt Ion:240 Resp: 165500
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.1 20.7 31.1





#78

Terphenyl-d14

Concen: 0.539 ng

RT: 13.11 min Scan# 1832

Delta R.T. -0.02 min

Lab File: BF108764.D

Acq: 5 Sep 2018 4:13

Instrument :

BNA_F

ClientSampleId :

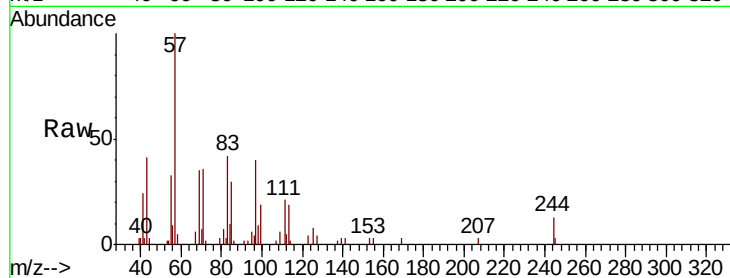
Tot Ion:244 Resp: 4594

Ion Ratio Lower Upper

244 100

212 0.0 5.4 8.0#

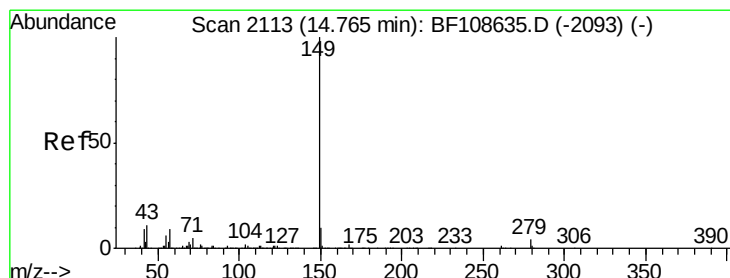
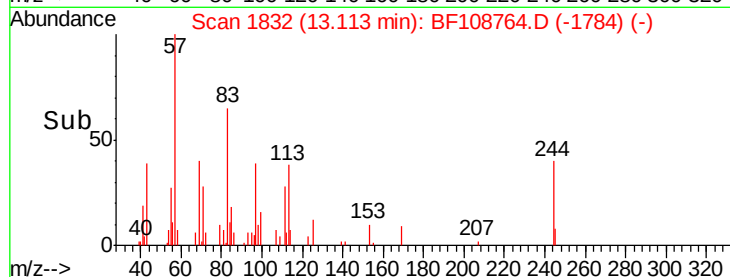
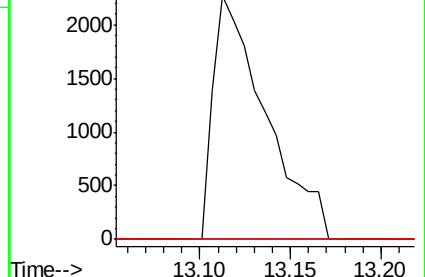
122 0.0 11.0 16.4#



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



#84

Di-n-octyl phthalate

Concen: 7.958 ng

RT: 14.74 min Scan# 2109

Delta R.T. -0.02 min

Lab File: BF108764.D

Acq: 5 Sep 2018 4:13

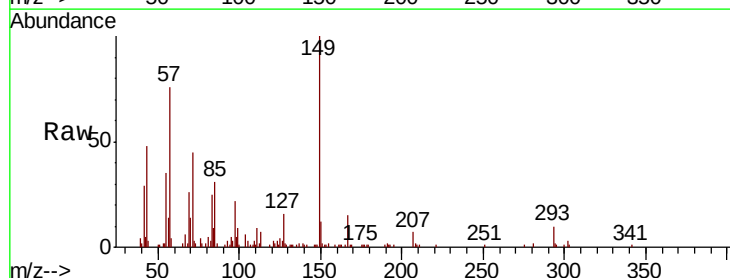
Tgt Ion:149 Resp: 78679

Ion Ratio Lower Upper

149 100

167 8.0 1.2 1.8#

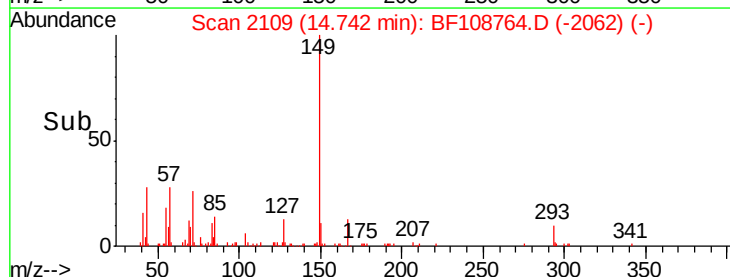
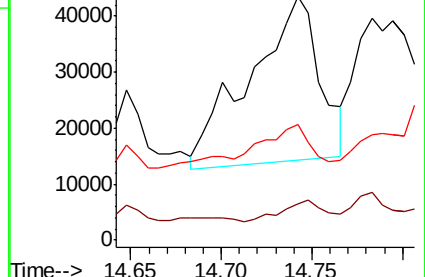
43 27.1 8.4 12.6#

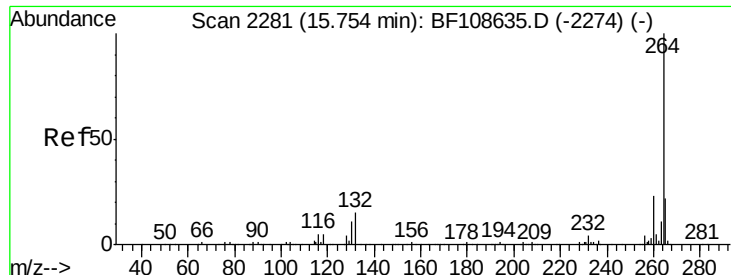


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.74 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF108764.D
Acq: 5 Sep 2018 4:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.2	28.8
265	20.3	17.5	26.3

