

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083118\
 Data File : BF108709.D
 Acq On : 1 Sep 2018 00:18
 Operator : JU/SJ
 Sample : J4729-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 01 03:51:19 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

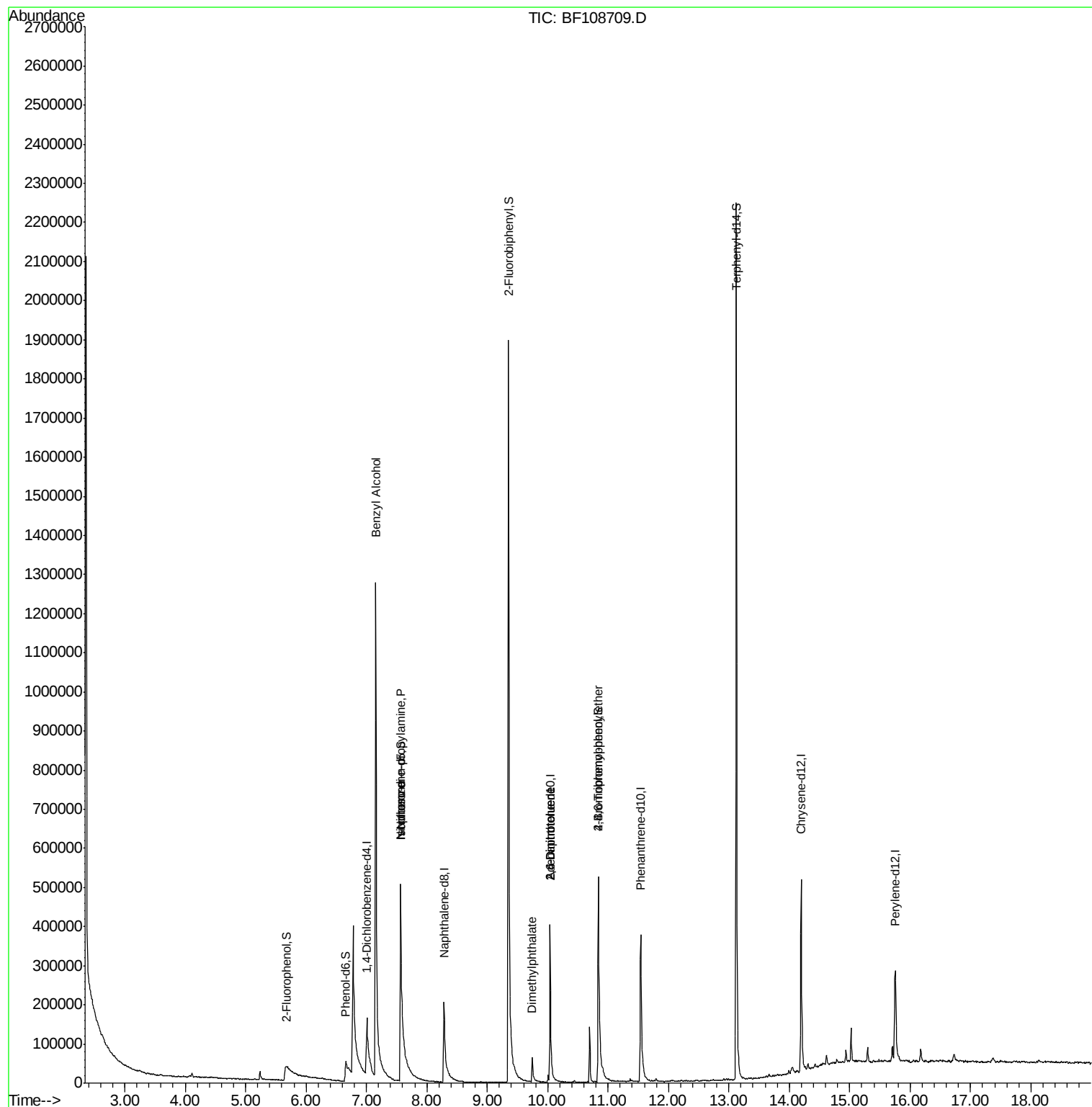
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	65216	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	251838	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	122957	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	265121	20.00	ng	0.00
75) Chrysene-d12	14.19	240	239165	20.00	ng	0.00
86) Perylene-d12	15.75	264	171436	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	36073	9.61	ng	0.03
7) Phenol-d6	6.66	99	67121	12.48	ng	0.01
23) Nitrobenzene-d5	7.57	82	461802	93.08	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	128700	79.29	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	910829	99.60	ng	0.00
78) Terphenyl-d14	13.12	244	981332	79.72	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.15	79	8608	2.226	ng	# 45
19) n-Nitroso-di-n-propylamine	7.57	70	53581	14.881	ng	# 83
25) Isophorone	7.57	82	461802	56.031	ng	# 64
49) Dimethylphthalate	9.75	163	51030	5.270	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	13963	6.542	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	14449	5.113	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	7897	2.424	ng	# 1

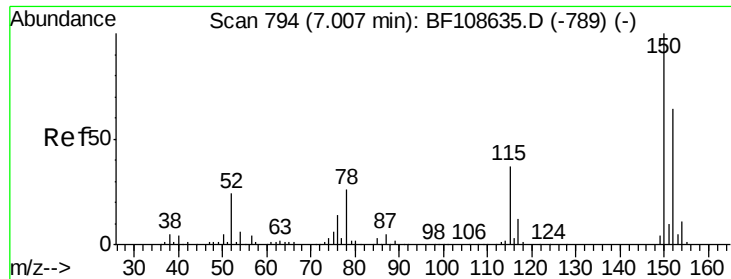
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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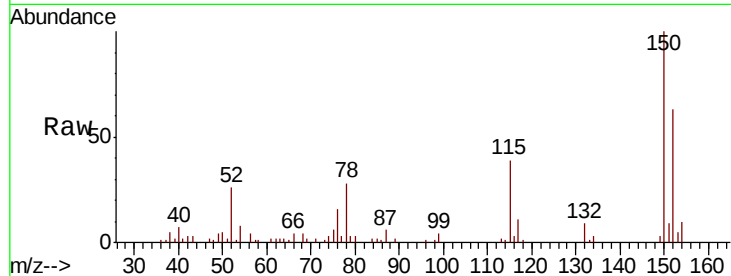


#1

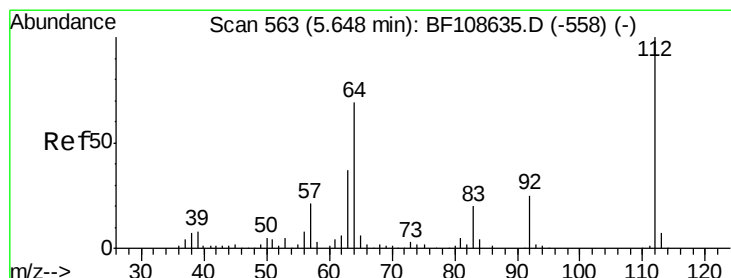
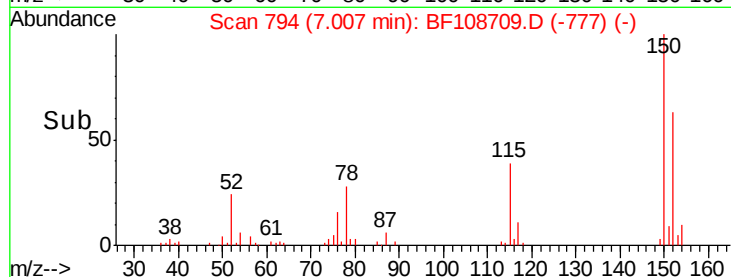
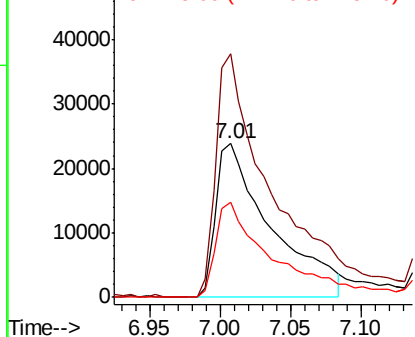
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 65216
Ion Ratio Lower Upper
152 100
150 158.4 124.6 186.8
115 61.6 50.1 75.1



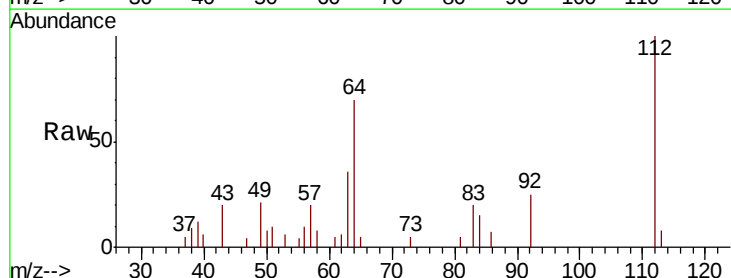
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



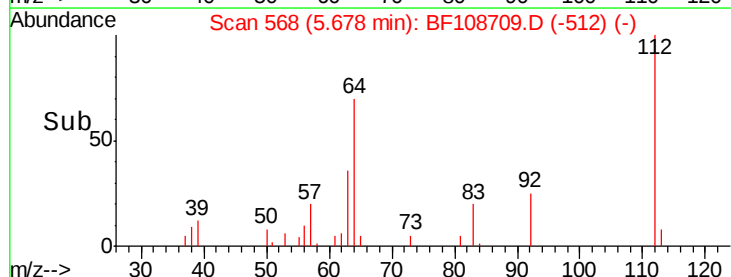
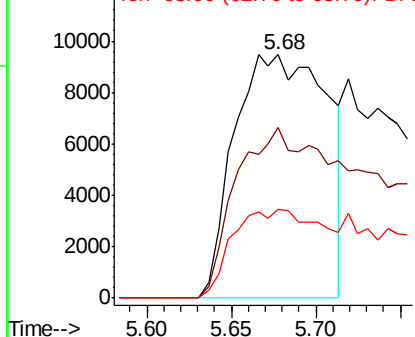
#5

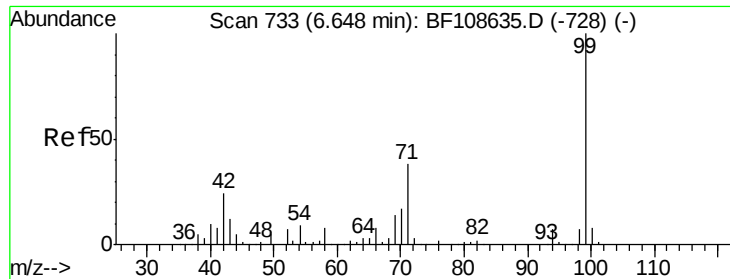
2-Fluorophenol
Concen: 9.609 ng
RT: 5.68 min Scan# 568
Delta R.T. 0.03 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt Ion:112 Resp: 36073
Ion Ratio Lower Upper
112 100
64 70.1 47.9 71.9
63 36.2 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: 12.483 ng

RT: 6.66 min Scan# 735

Delta R.T. 0.01 min

Lab File: BF108709.D

Acq: 1 Sep 2018 00:18

Instrument :

BNA_F

ClientSampleId :

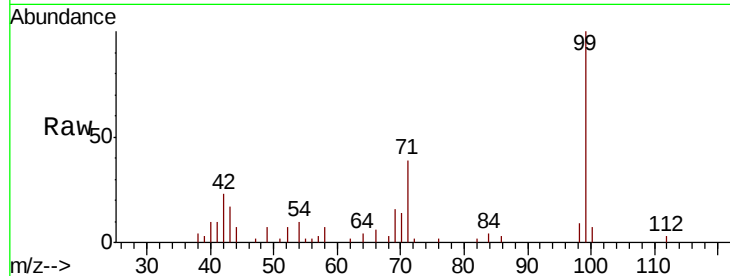
Tot Ion: 99 Resp: 67121

Ion Ratio Lower Upper

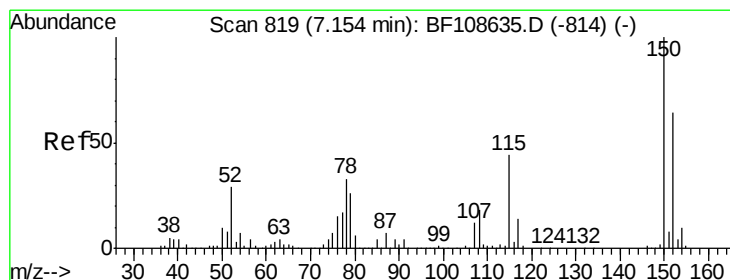
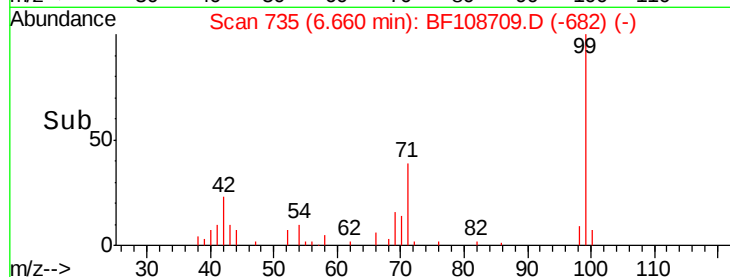
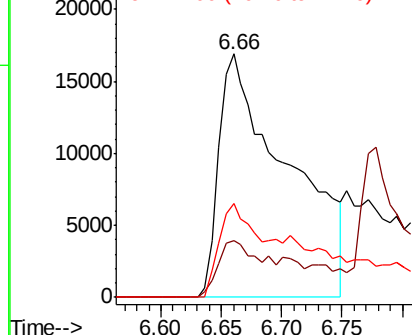
99 100

42 23.2 14.5 21.7#

71 38.6 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



#15

Benzyl Alcohol

Concen: 2.226 ng

RT: 7.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF108709.D

Acq: 1 Sep 2018 00:18

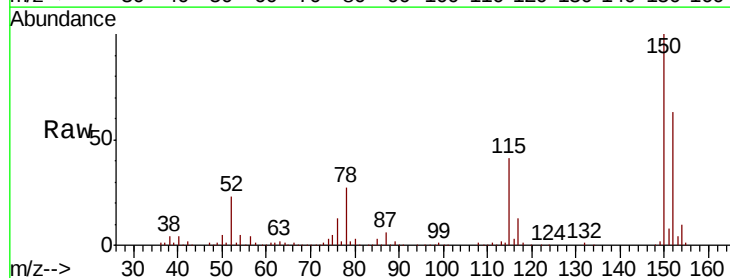
Tgt Ion: 79 Resp: 8608

Ion Ratio Lower Upper

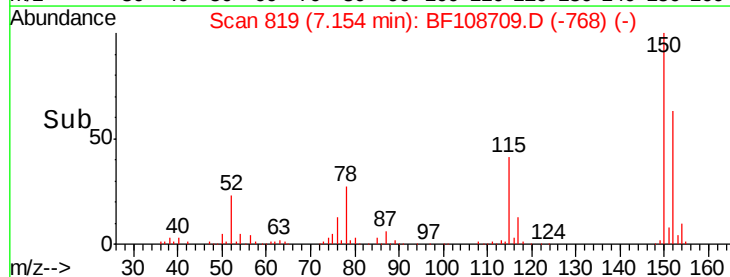
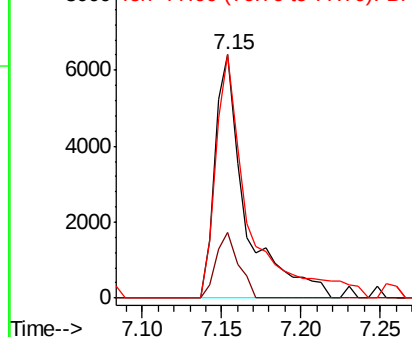
79 100

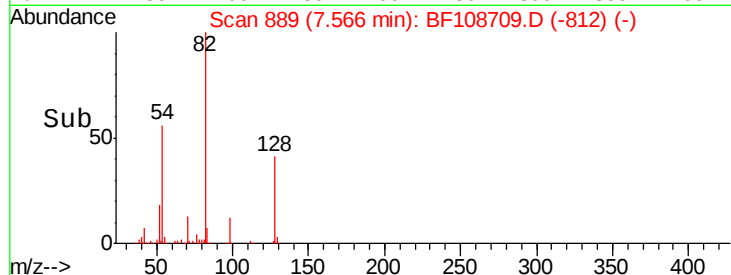
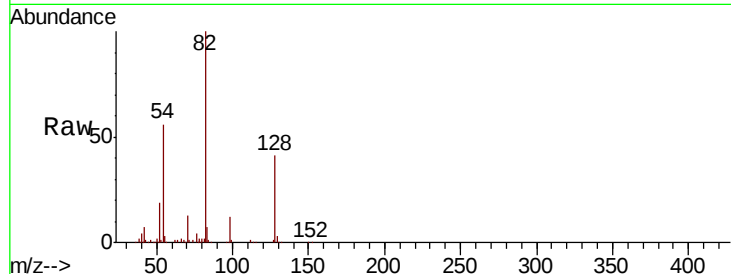
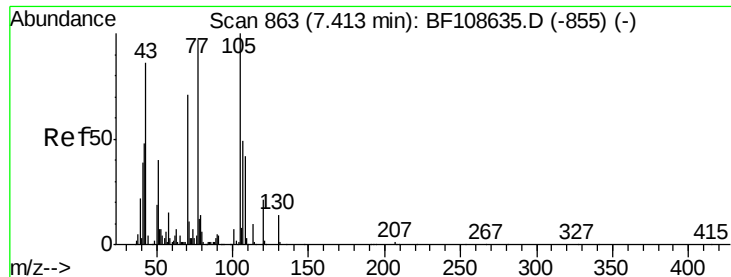
108 26.8 65.1 97.7#

77 100.0 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1

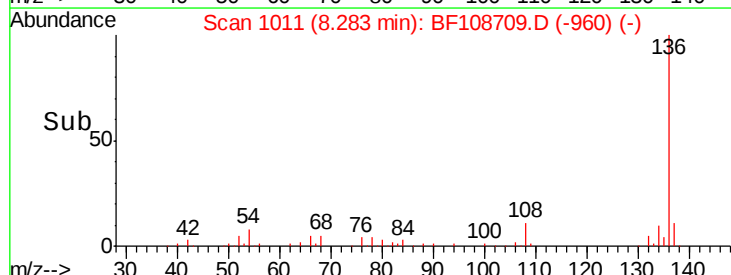
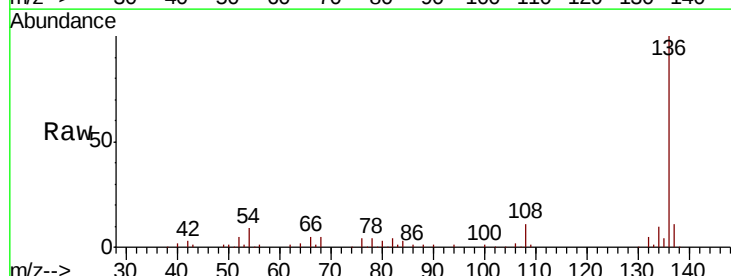
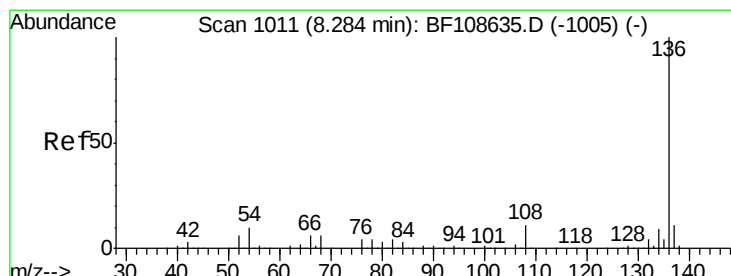
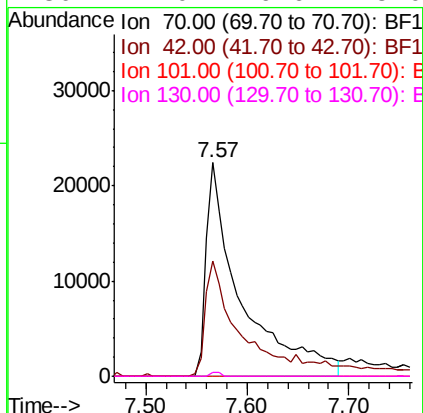




#19
n-Nitroso-di-n-propylamine
Concen: 14.881 ng
RT: 7.57 min Scan# 889
Delta R.T. 0.15 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

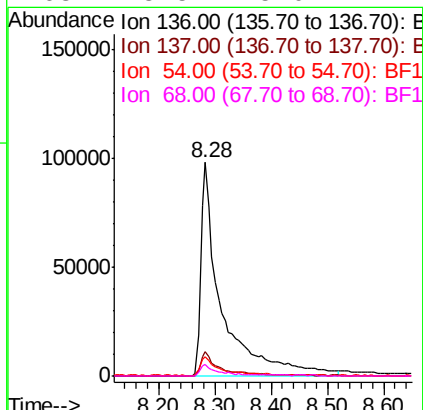
Instrument :
BNA_F
ClientSampleId :

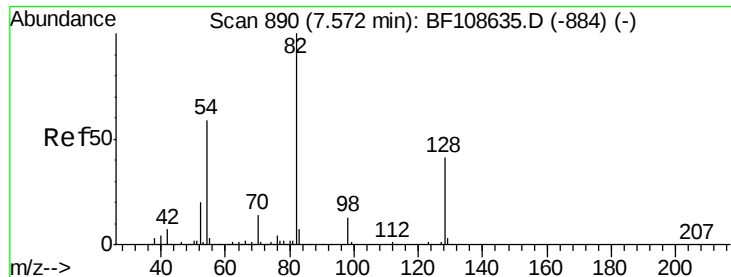
Tot Ion: 70 Resp: 53581
Ion Ratio Lower Upper
70 100
42 54.0 47.5 71.3
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt Ion: 136 Resp: 251838
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.1 6.6 9.8
68 5.5 5.0 7.4

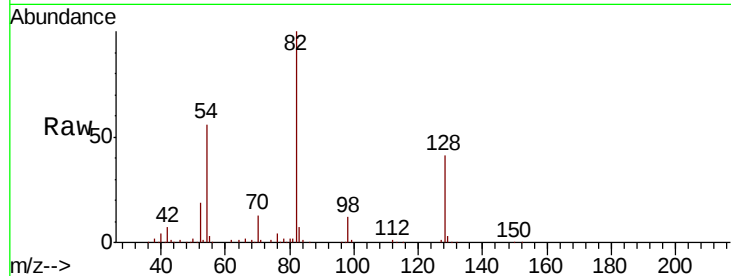




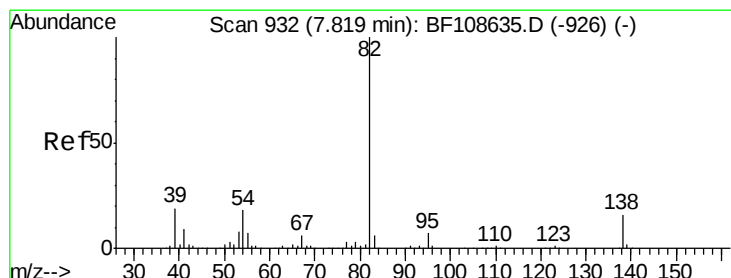
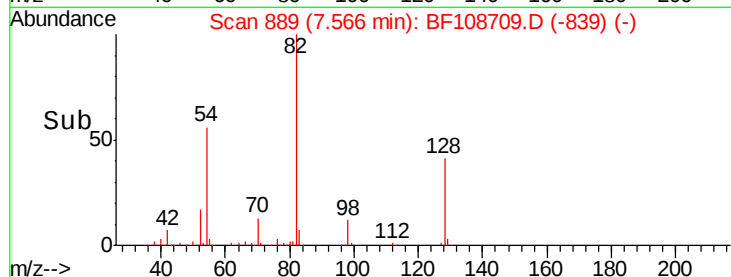
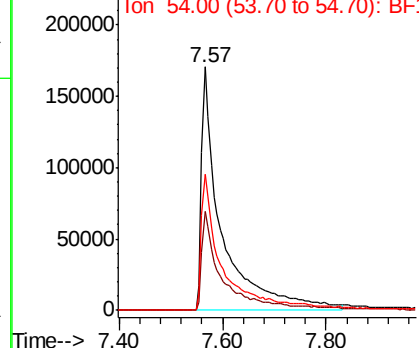
#23
Nitrobenzene-d5
Concen: 93.077 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.7	36.1	54.1
54	55.9	41.4	62.2

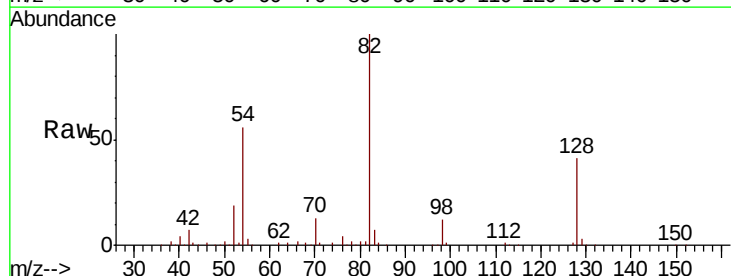


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

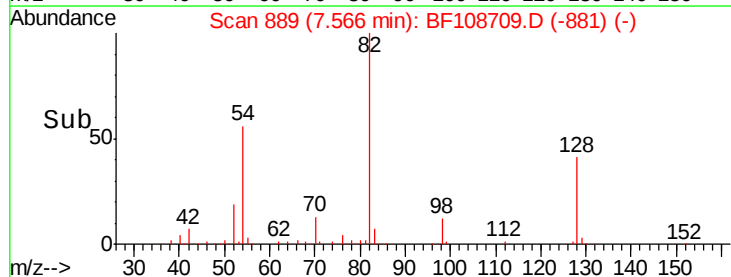
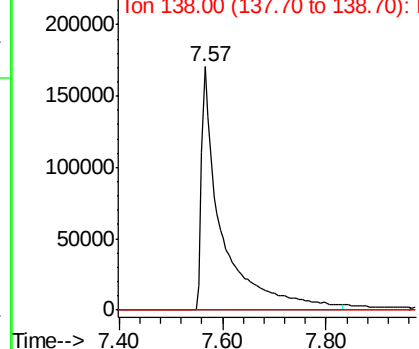


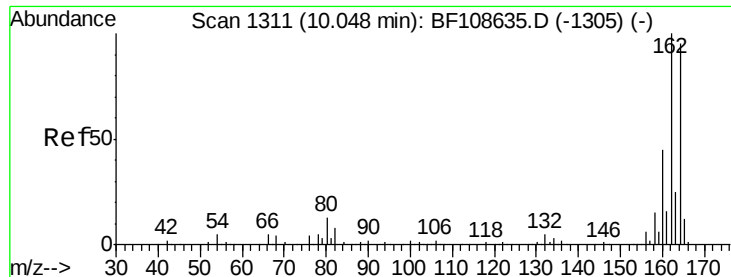
#25
Isophorone
Concen: 56.031 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt 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

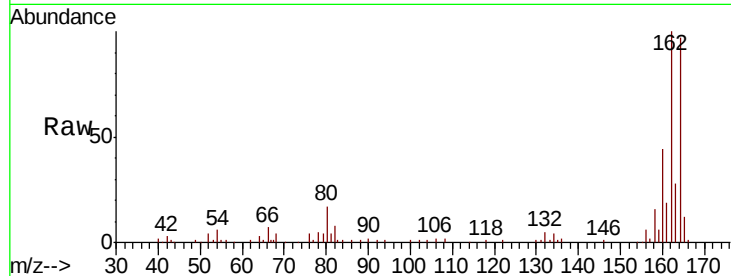




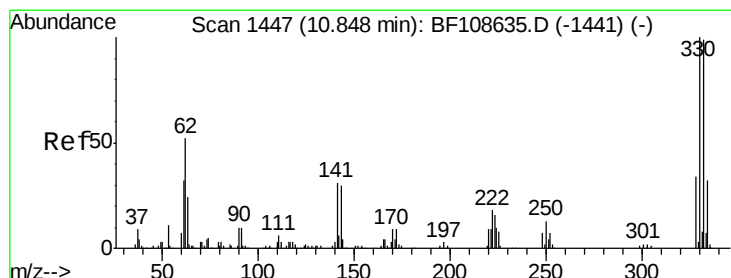
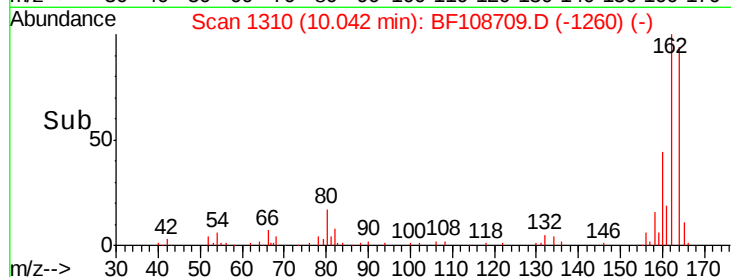
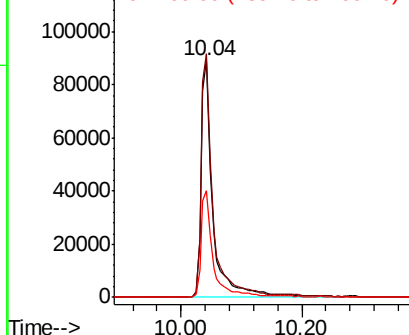
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 122957
Ion Ratio Lower Upper
164 100
162 102.9 86.1 129.1
160 45.3 38.3 57.5

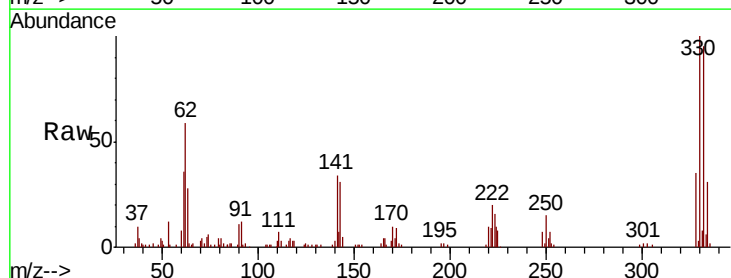


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

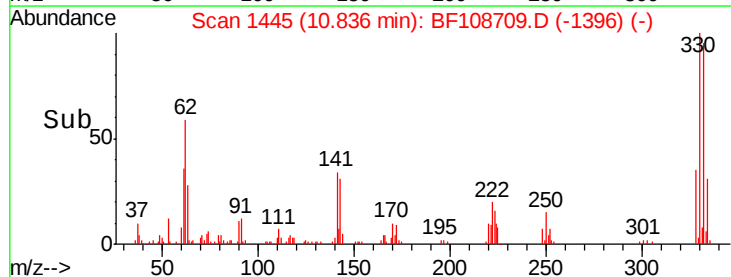
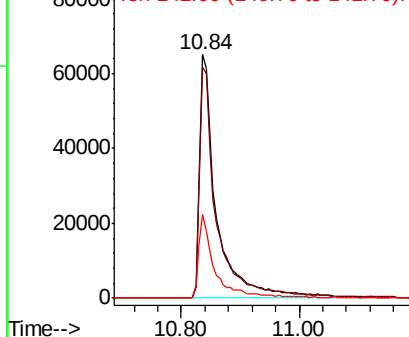


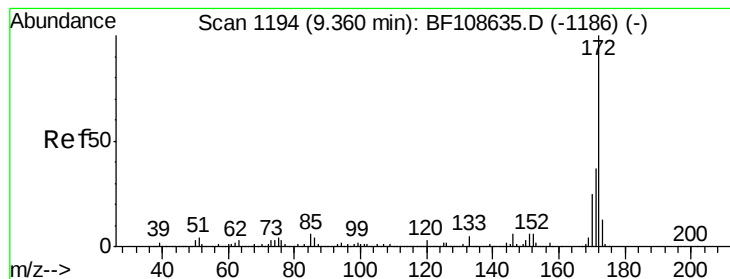
#41
2,4,6-Tribromophenol
Concen: 79.289 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt Ion:330 Resp: 128700
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 32.0 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

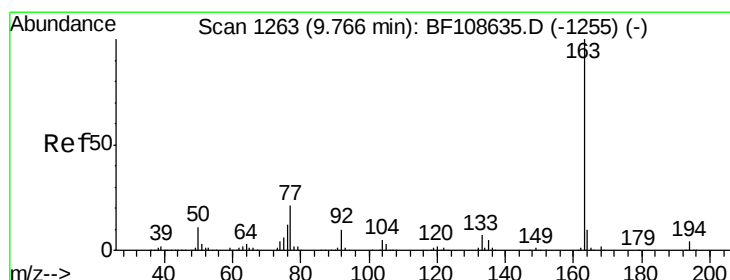
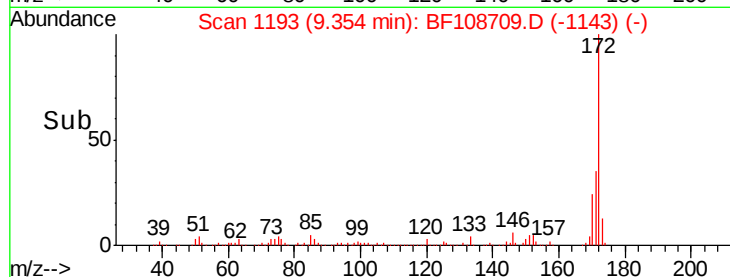
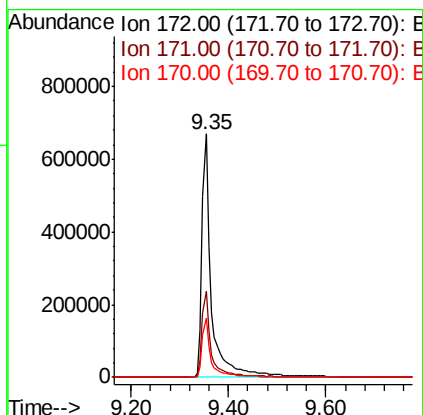
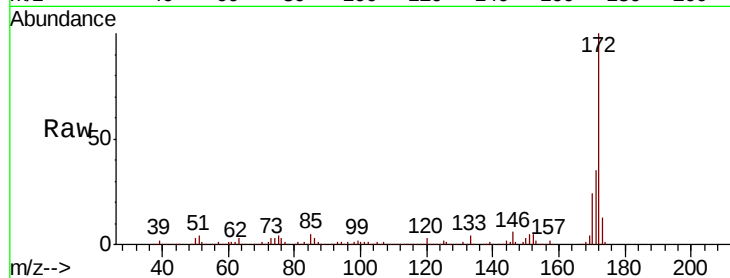




#44
2-Fluorobiphenyl
Concen: 99.602 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

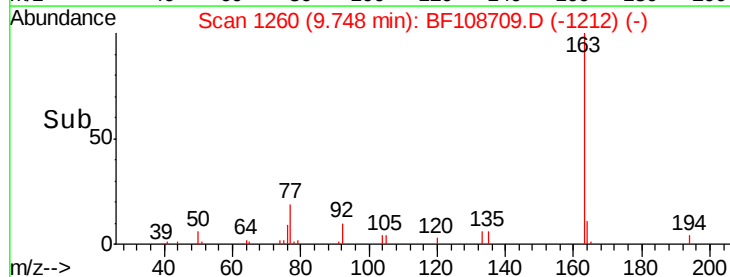
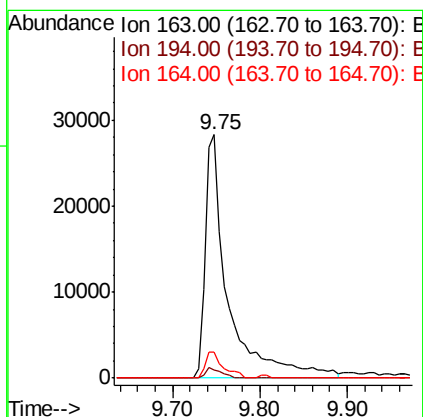
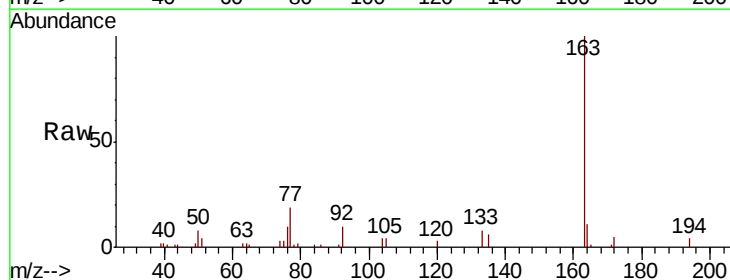
Instrument :
BNA_F
ClientSampleId :

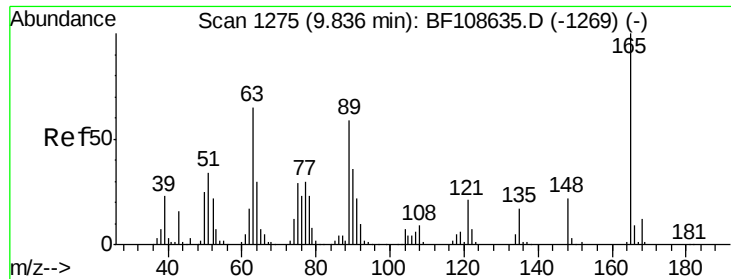
Tot Ion:172 Resp: 910829
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 24.2 19.6 29.4



#49
Dimethylphthalate
Concen: 5.270 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt Ion:163 Resp: 51030
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.8 8.2 12.2

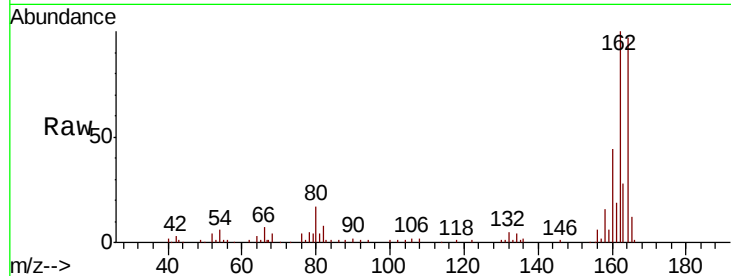




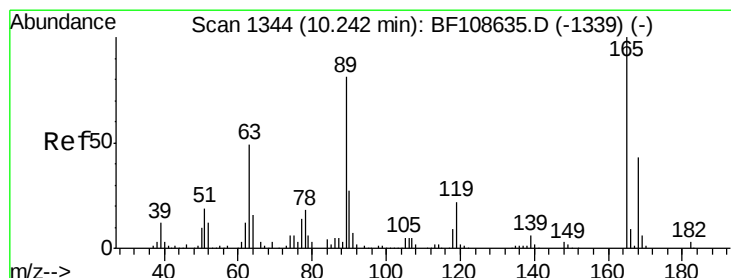
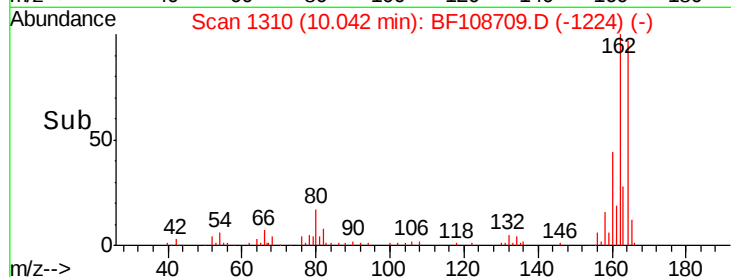
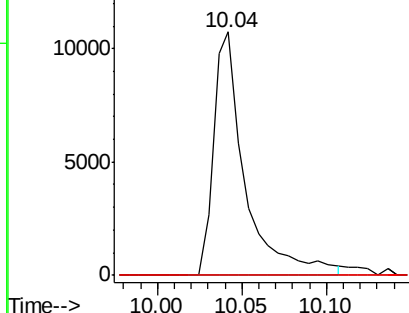
#50
 2,6-Dinitrotoluene
 Concen: 6.542 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. 0.21 min
 Lab File: BF108709.D
 Acq: 1 Sep 2018 00:18

Instrument :
 BNA_F
 ClientSampled :

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



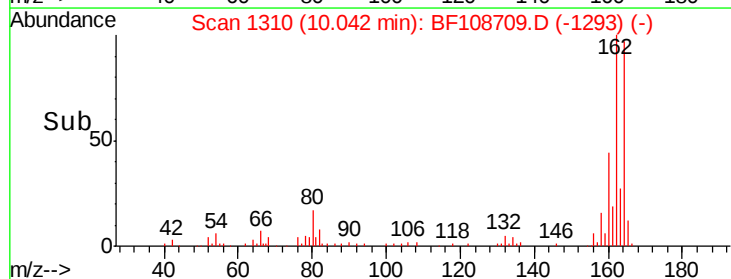
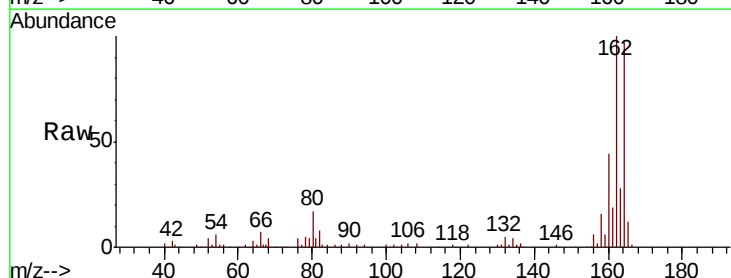
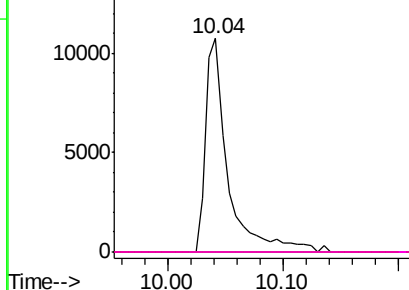
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

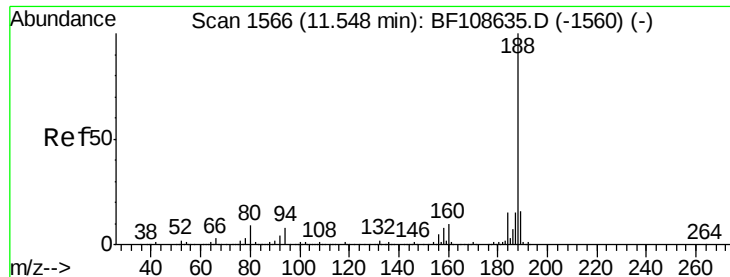


#56
 2,4-Dinitrotoluene
 Concen: 5.113 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108709.D
 Acq: 1 Sep 2018 00:18

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

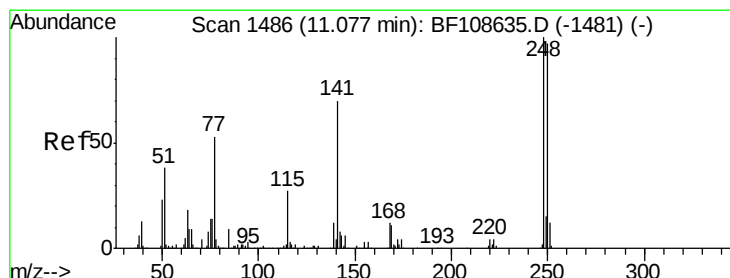
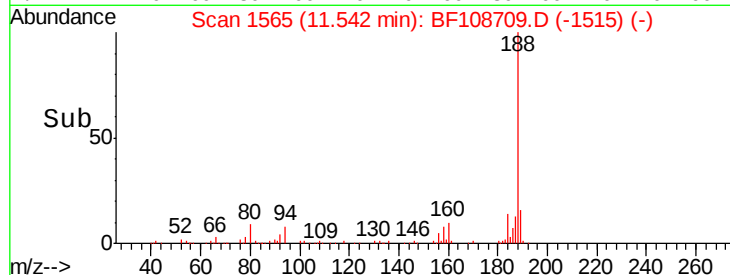
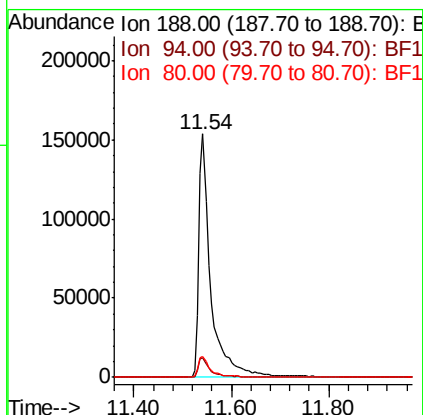
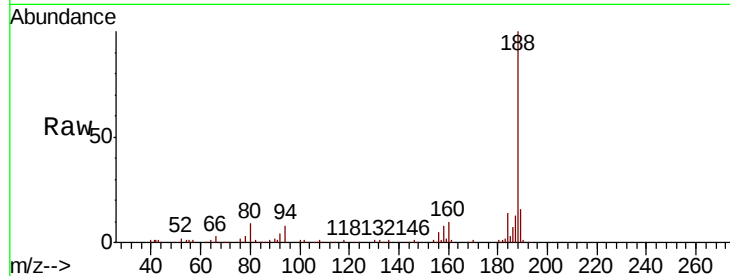




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

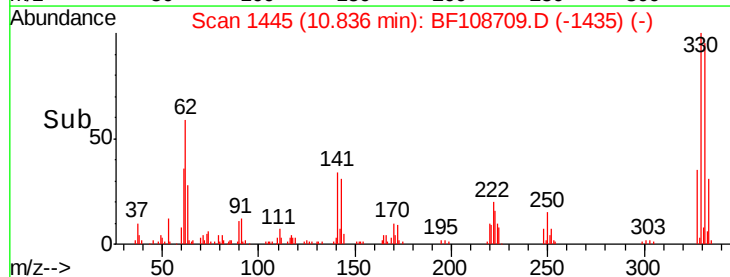
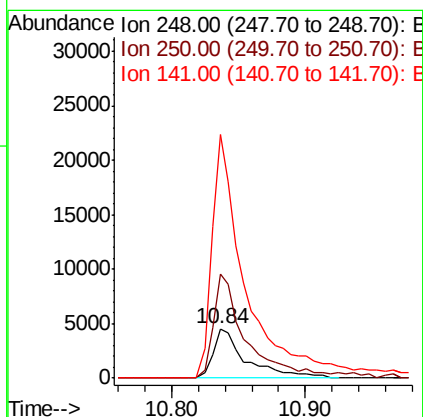
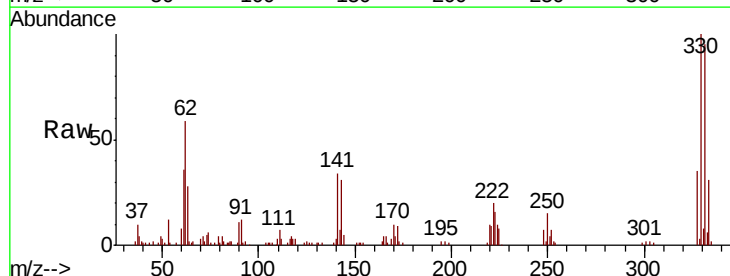
Instrument :
BNA_F
ClientSampleId :

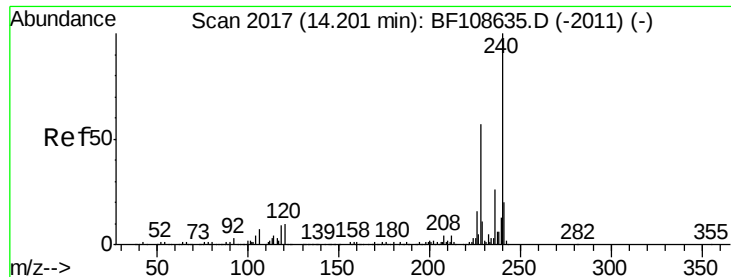
Tot Ion:188 Resp: 265121
Ion Ratio Lower Upper
188 100
94 8.2 8.5 12.7#
80 8.8 9.2 13.8#



#66
4-Bromophenyl-phenylether
Concen: 2.424 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108709.D
Acq: 1 Sep 2018 00:18

Tgt Ion:248 Resp: 7897
Ion Ratio Lower Upper
248 100
250 211.5 76.9 115.3#
141 493.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.19 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF108709.D

Acq: 1 Sep 2018 00:18

Instrument :

BNA_F

ClientSampleId :

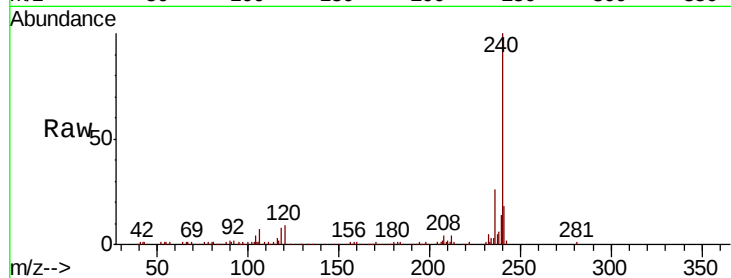
Tot Ion:240 Resp: 239165

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

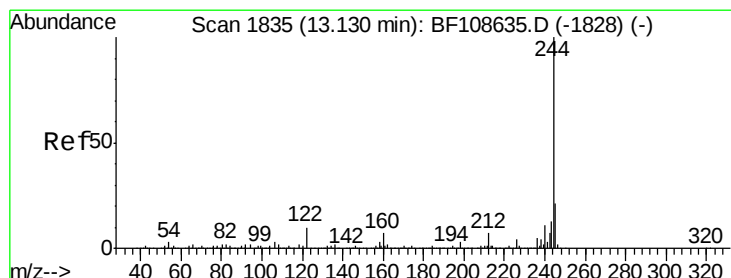
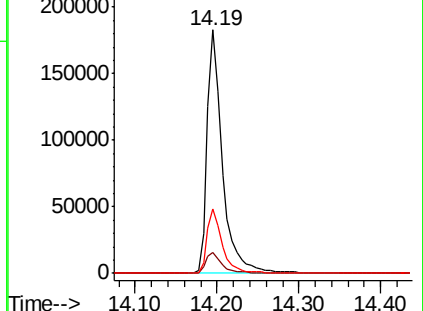
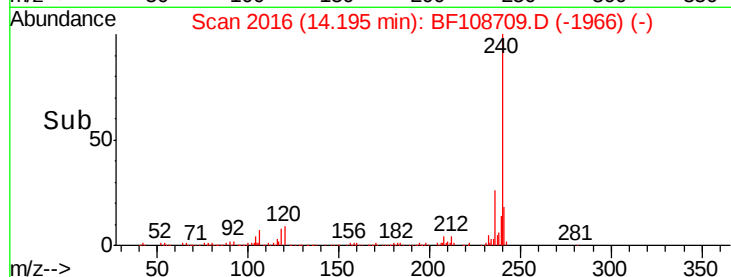
236 26.3 20.7 31.1



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: 79.722 ng

RT: 13.12 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF108709.D

Acq: 1 Sep 2018 00:18

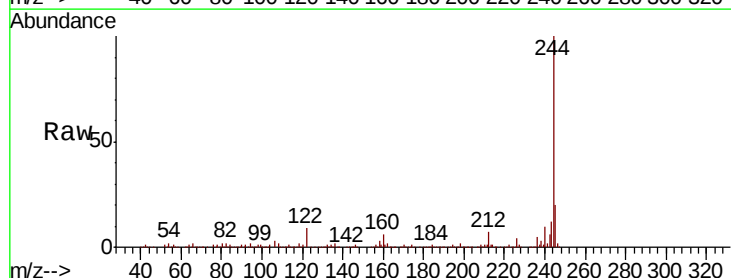
Tgt Ion:244 Resp: 981332

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

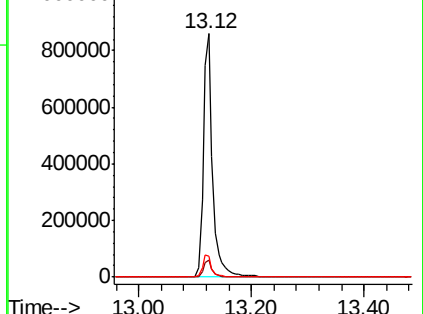
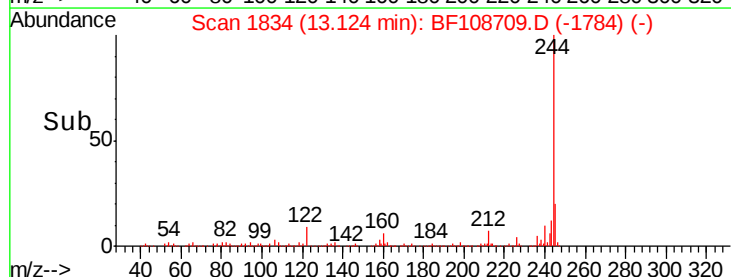
122 8.7 11.0 16.4#

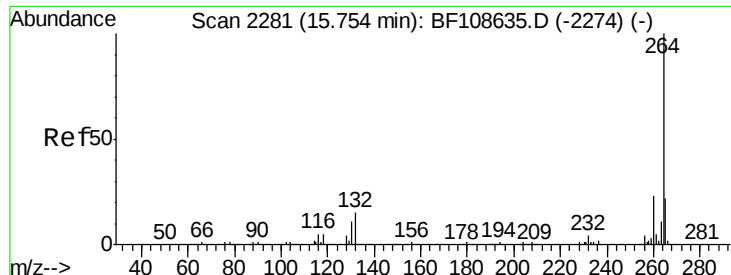


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2281
 Delta R.T. -0.00 min
 Lab File: BF108709.D
 Acq: 1 Sep 2018 00:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.2	28.8
265	22.1	17.5	26.3

