

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108659.D
 Acq On : 30 Aug 2018 23:54
 Operator : JU/SJ
 Sample : J4692-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:14:17 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

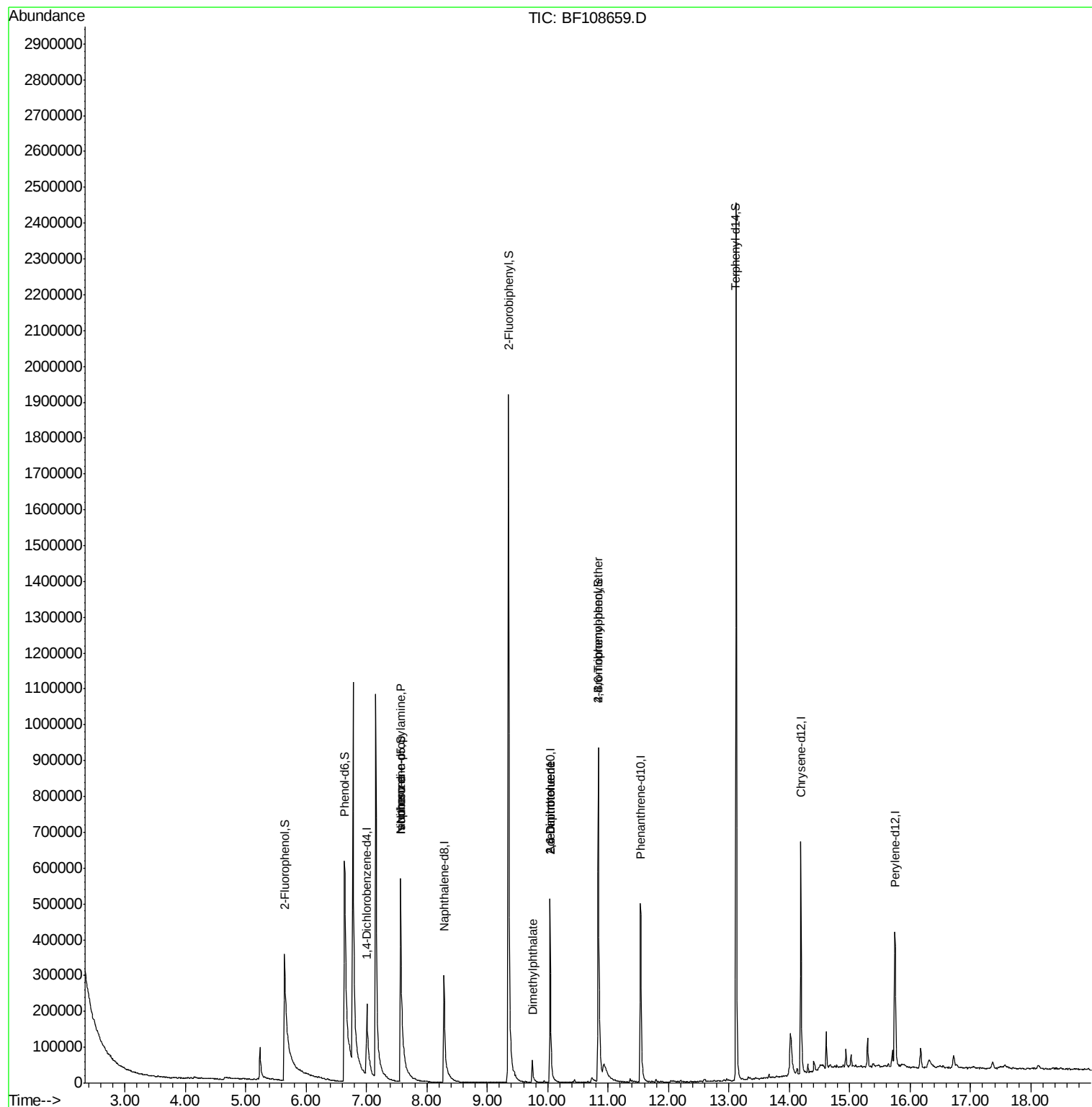
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	75347	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	306773	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	143802	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	284520	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	286566	20.00	ng	-0.01
86) Perylene-d12	15.75	264	236226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	410860	94.73	ng	0.00
7) Phenol-d6	6.64	99	661683	106.52	ng	-0.01
23) Nitrobenzene-d5	7.57	82	436991	72.30	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	175453	92.42	ng	-0.01
44) 2-Fluorobiphenyl	9.35	172	872863	81.61	ng	0.00
78) Terphenyl-d14	13.12	244	982983	66.65	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.57	70	54372	13.070	ng	# 81
25) Isophorone	7.57	82	436991	43.526	ng	# 64
49) Dimethylphthalate	9.75	163	49018	4.329	ng	# 99
50) 2,6-Dinitrotoluene	10.04	165	17432	6.984	ng	# 24
56) 2,4-Dinitrotoluene	10.04	165	17432	5.275	ng	# 21
66) 4-Bromophenyl-phenylether	10.84	248	10744	3.072	ng	# 1

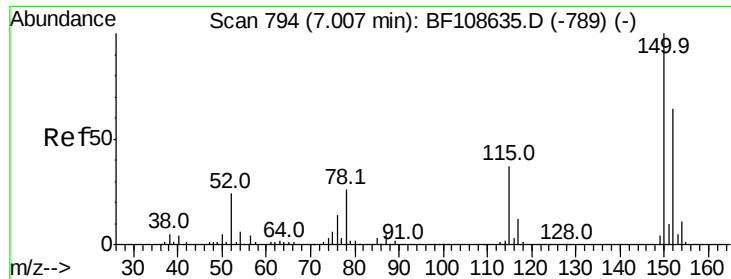
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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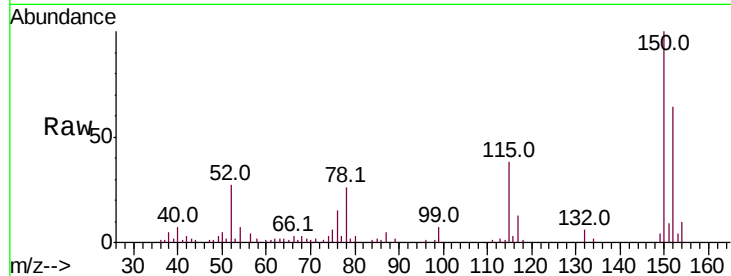


#1

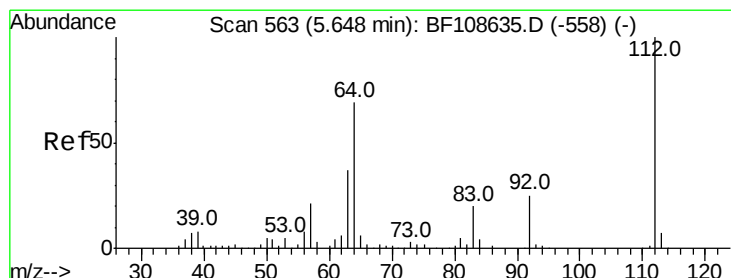
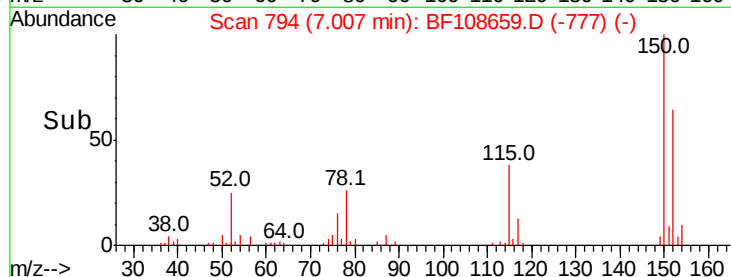
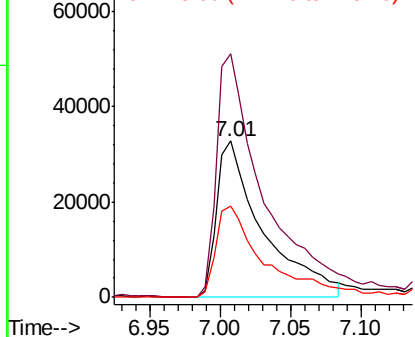
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 75347
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 58.7 50.1 75.1



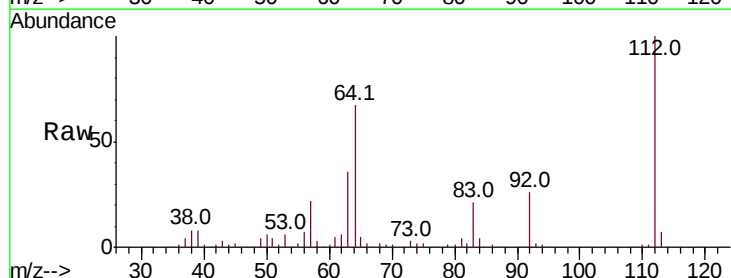
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



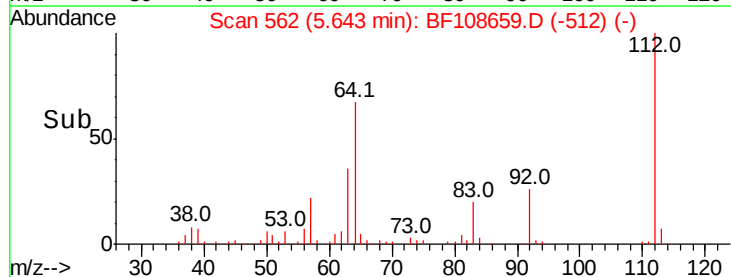
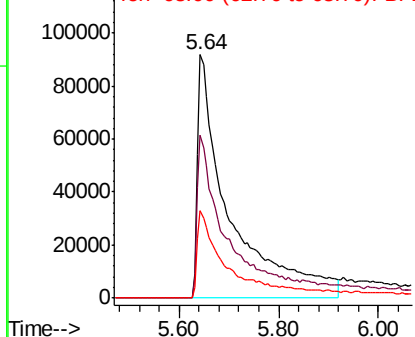
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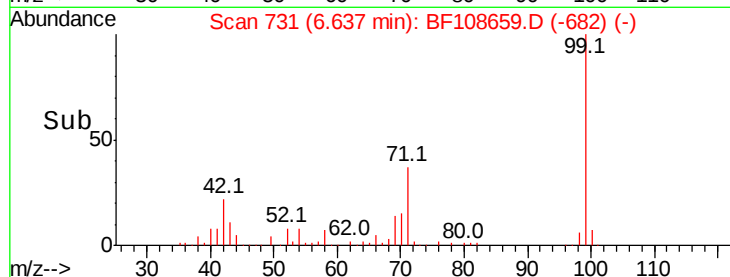
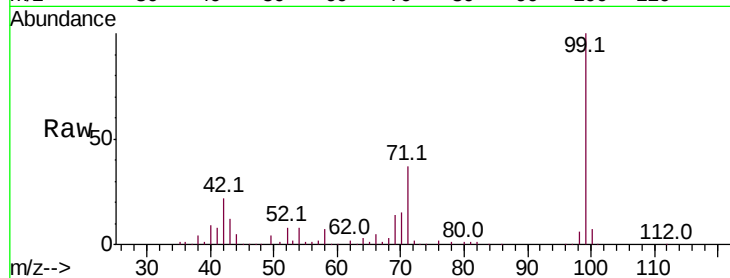
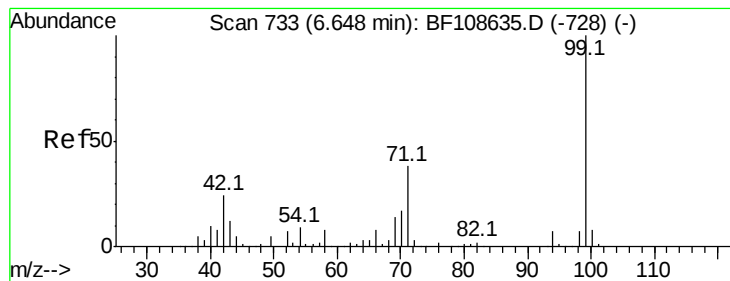
2-Fluorophenol
Concen: 94.728 ng
RT: 5.64 min Scan# 562
Delta R.T. -0.01 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Tgt Ion:112 Resp: 410860
Ion Ratio Lower Upper
112 100
64 67.0 47.9 71.9
63 36.1 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: 106.516 ng

RT: 6.64 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF108659.D

Acq: 30 Aug 2018 23:54

Instrument :

BNA_F

ClientSampled :

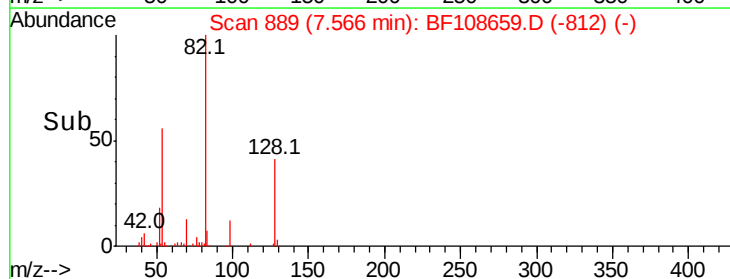
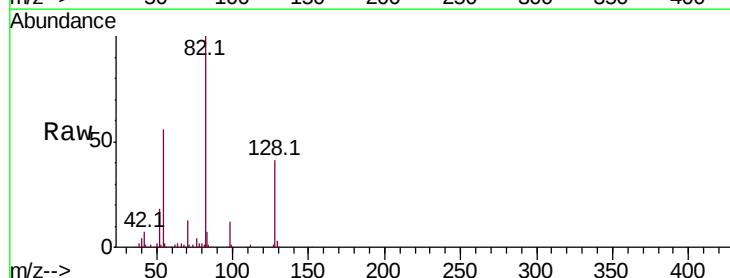
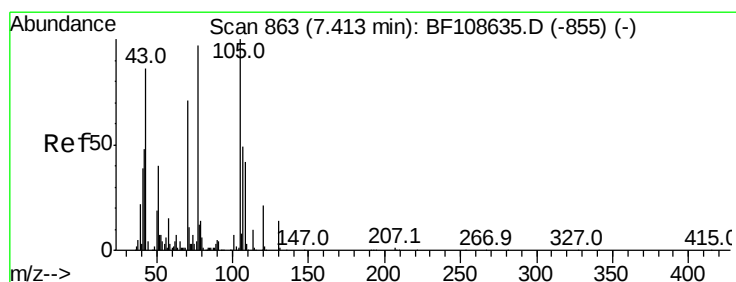
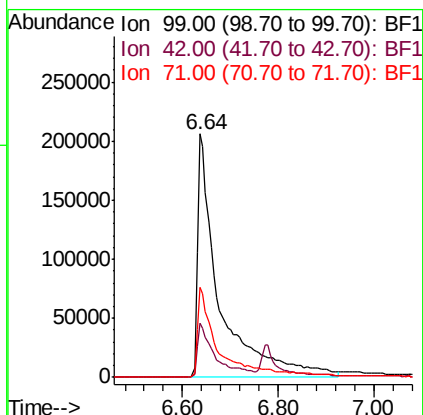
Tot Ion: 99 Resp: 661683

Ion Ratio Lower Upper

99 100

42 22.0 14.5 21.7#

71 37.0 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.070 ng

RT: 7.57 min Scan# 889

Delta R.T. 0.15 min

Lab File: BF108659.D

Acq: 30 Aug 2018 23:54

Tgt Ion: 70 Resp: 54372

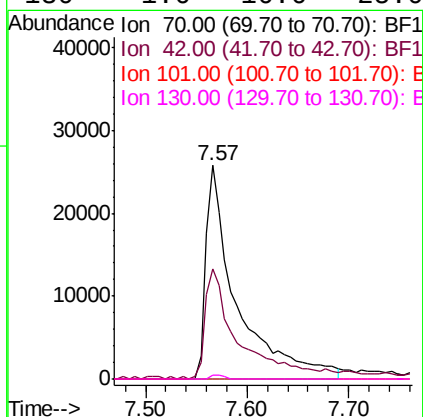
Ion Ratio Lower Upper

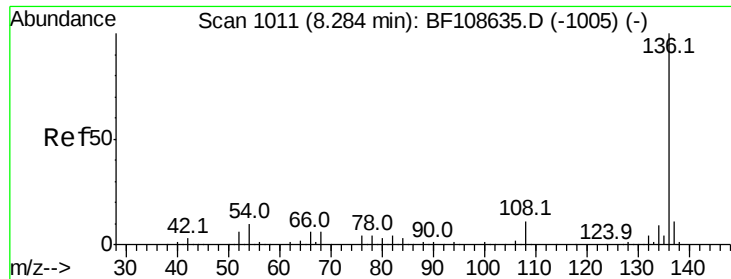
70 100

42 51.3 47.5 71.3

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

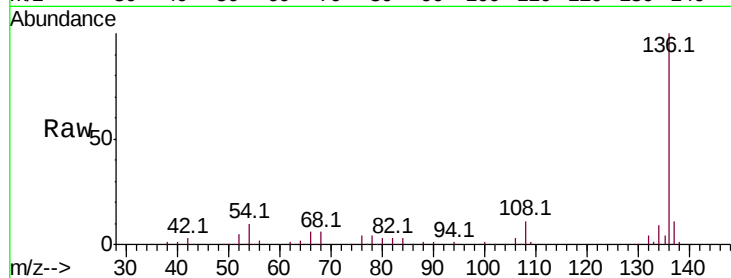




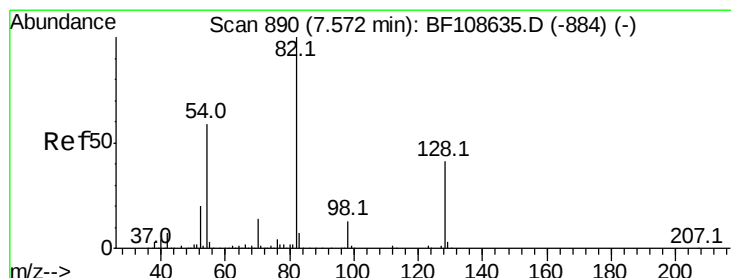
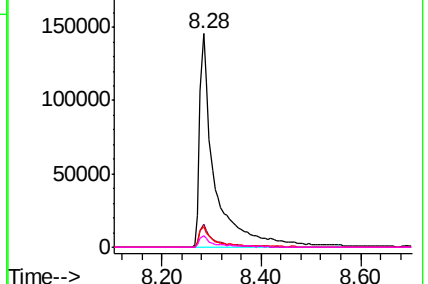
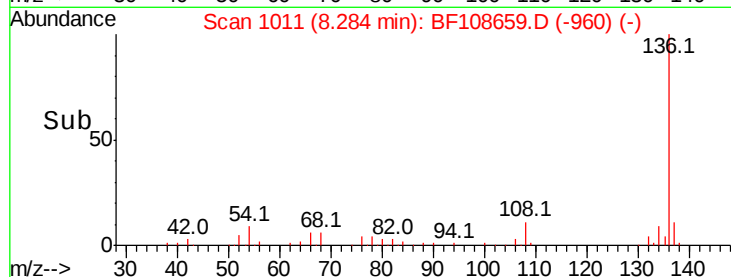
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	306773
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.9 13.3
54	9.7	6.6 9.8
68	5.6	5.0 7.4

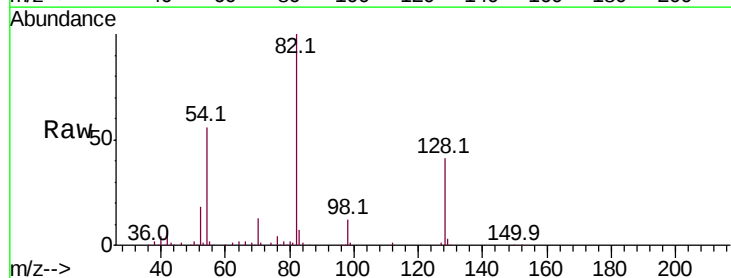


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

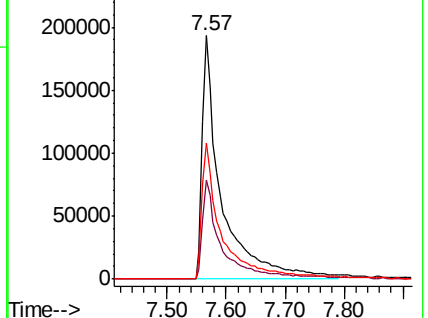
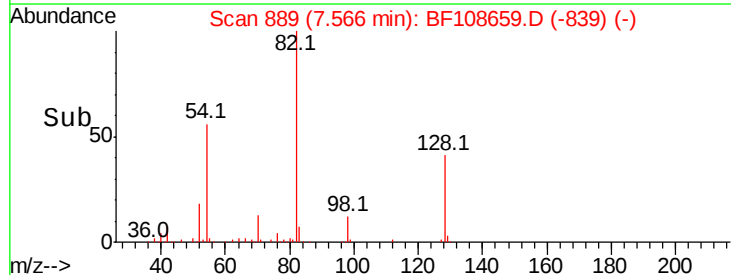


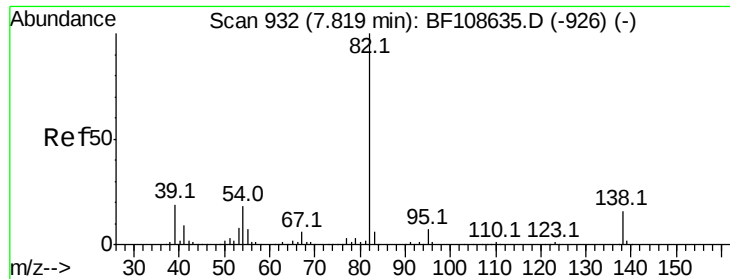
#23
Nitrobenzene-d5
Concen: 72.304 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Tgt Ion: 82	Resp:	436991
Ion	Ratio	Lower Upper
82	100	
128	40.6	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): E
Ion 54.00 (53.70 to 54.70): BF1

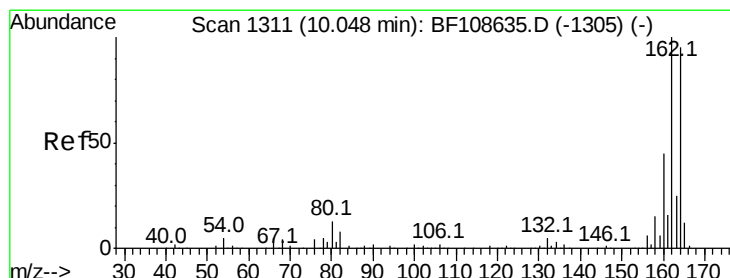
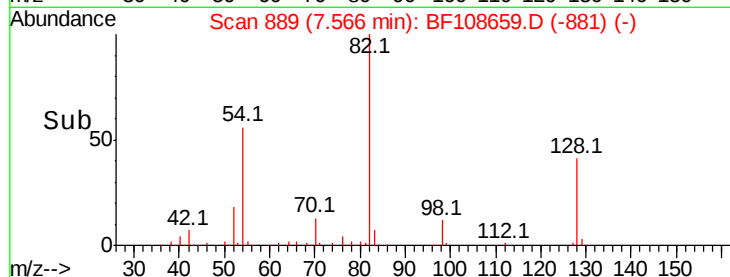
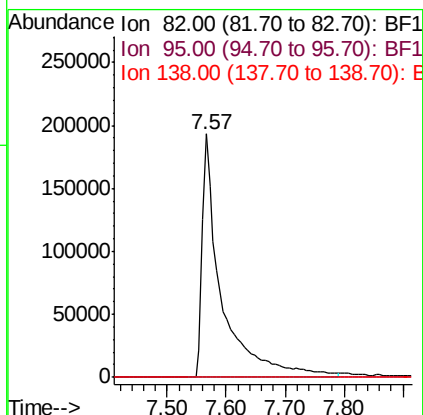
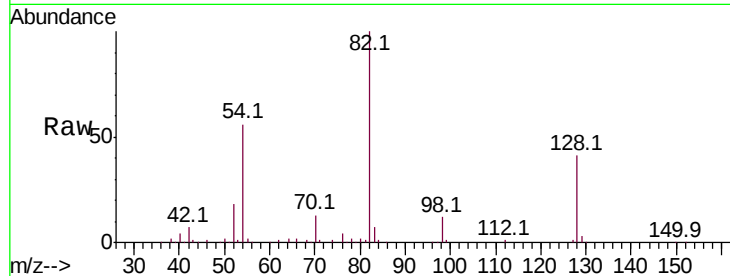




#25
Isophorone
Concen: 43.526 ng
RT: 7.57 min Scan# 889
Delta R.T. -0.25 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

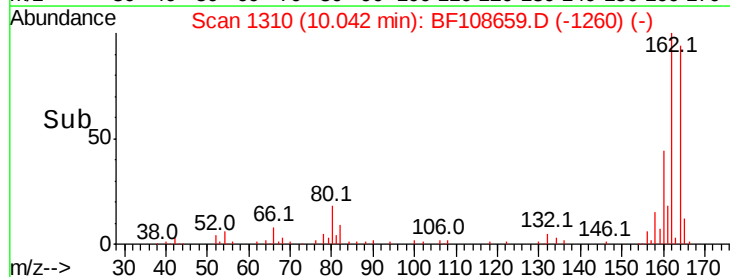
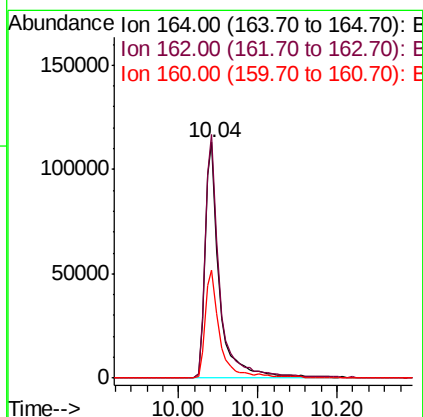
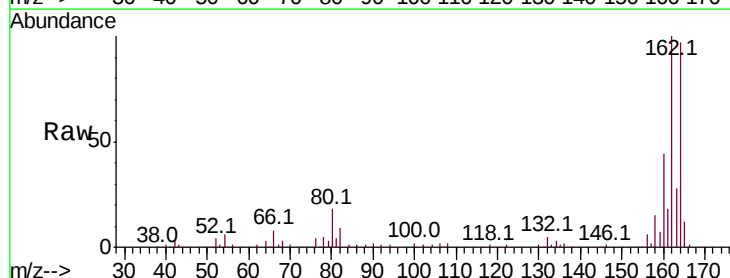
Instrument :
BNA_F
ClientSampleId :

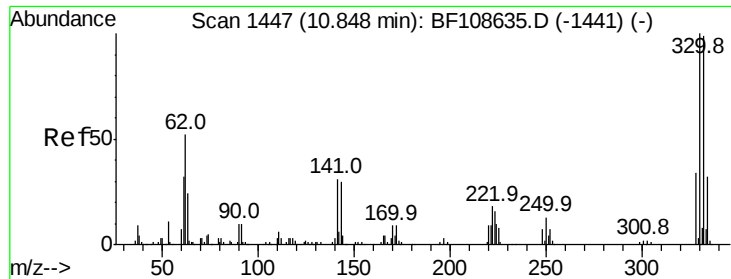
Tot Ion: 82 Resp: 436991
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Tgt Ion:164 Resp: 143802
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.6 38.3 57.5

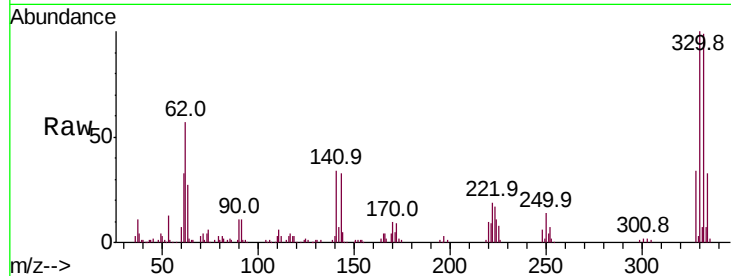




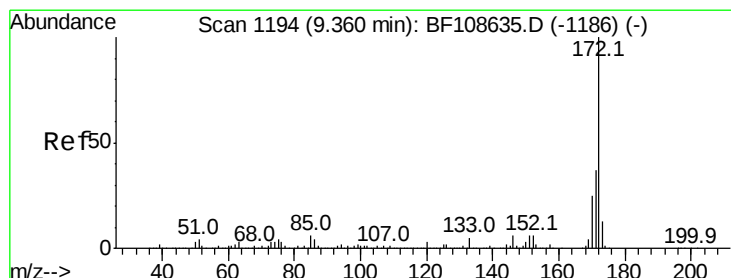
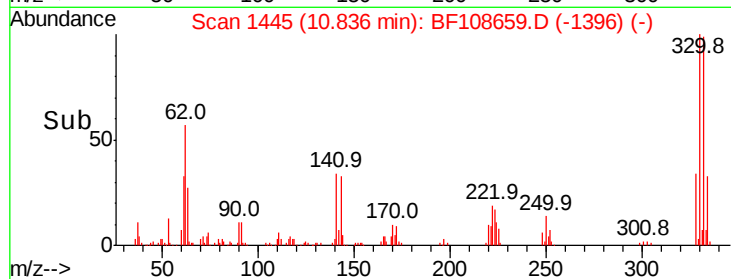
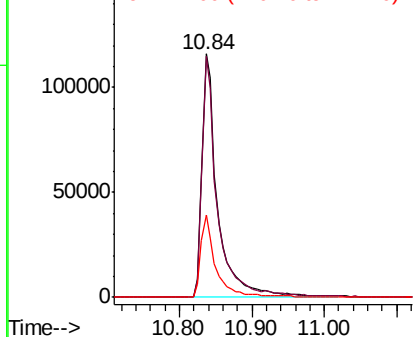
#41
 2,4,6-Tribromophenol
 Concen: 92.423 ng
 RT: 10.84 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 175453
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 32.8 29.9 44.9

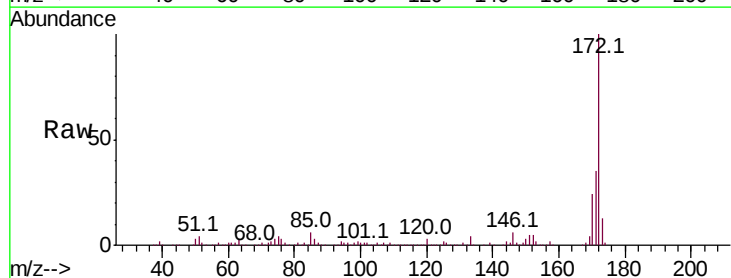


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

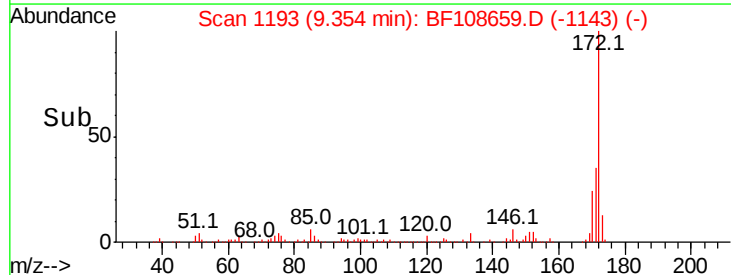
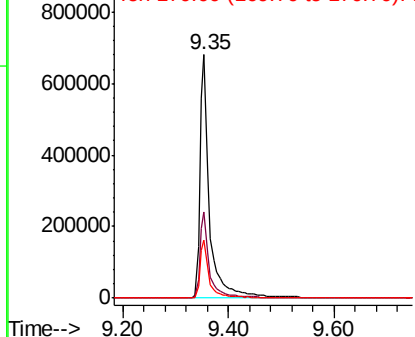


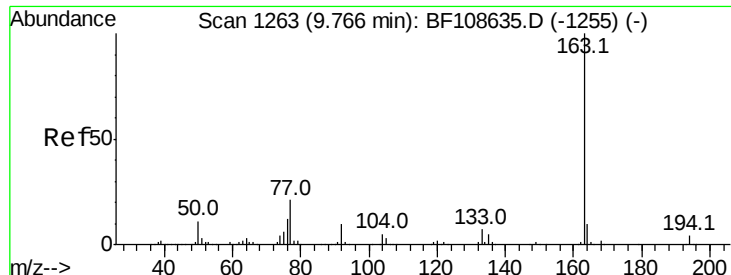
#44
 2-Fluorobiphenyl
 Concen: 81.614 ng
 RT: 9.35 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Tgt Ion:172 Resp: 872863
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

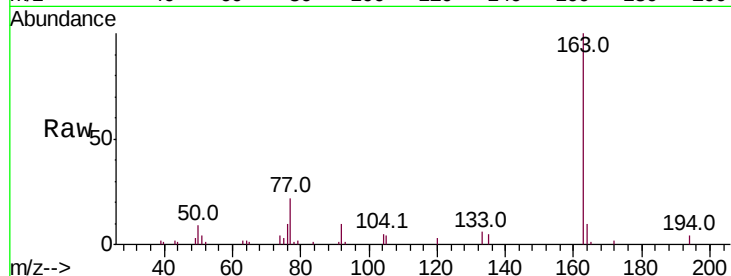




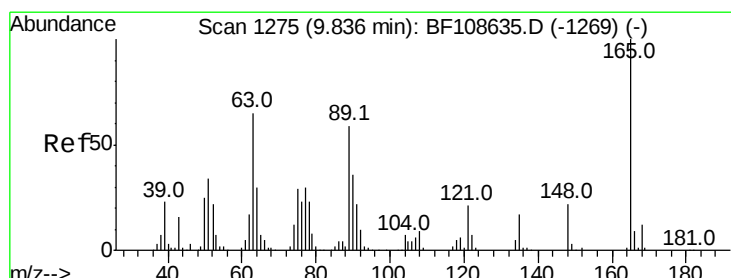
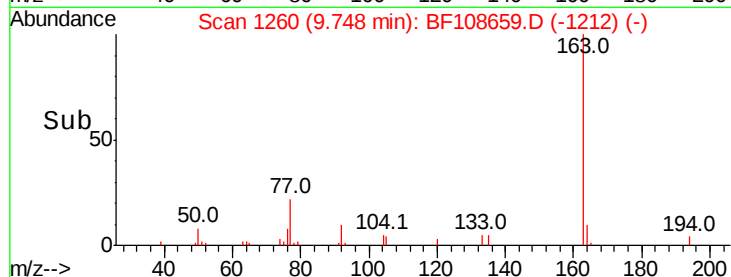
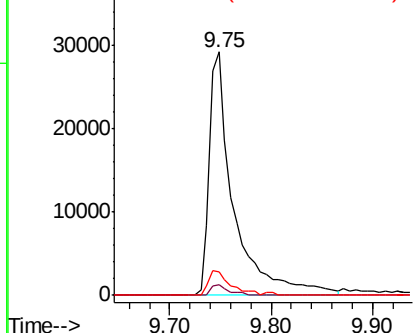
#49
Dimethylphthalate
Concen: 4.329 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 49018
Ion Ratio Lower Upper
163 100
194 4.2 2.7 4.1#
164 9.8 8.2 12.2

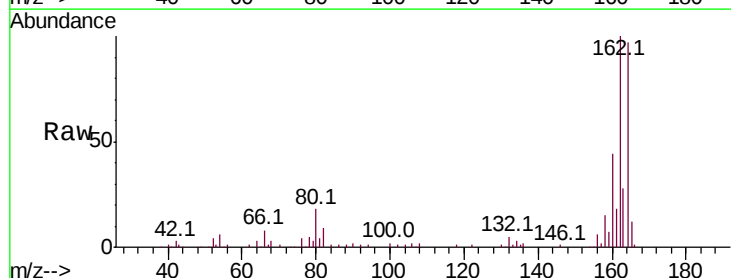


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

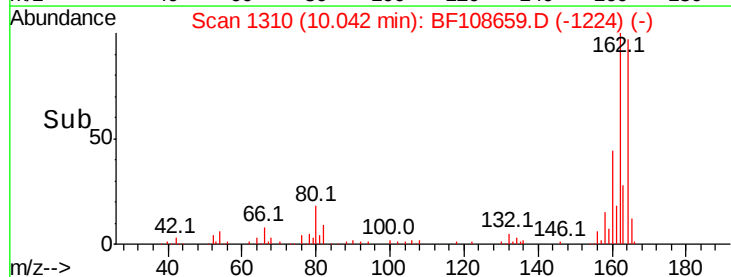
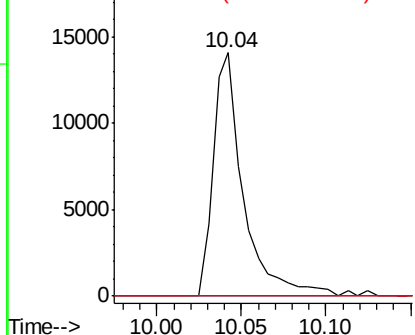


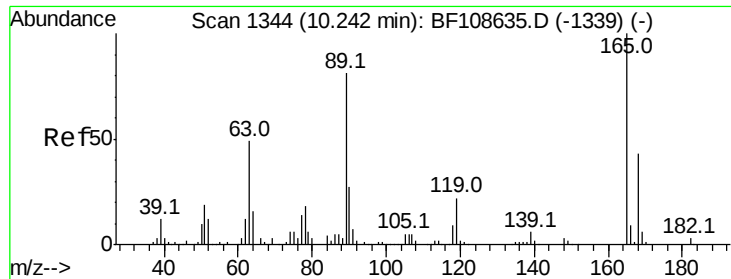
#50
2,6-Dinitrotoluene
Concen: 6.984 ng
RT: 10.04 min Scan# 1310
Delta R.T. 0.21 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Tgt Ion:165 Resp: 17432
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

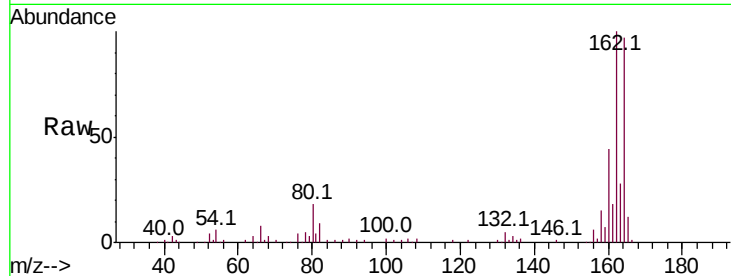




#56
 2,4-Dinitrotoluene
 Concen: 5.275 ng
 RT: 10.04 min Scan# 1310
 Delta R.T. -0.20 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot 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#



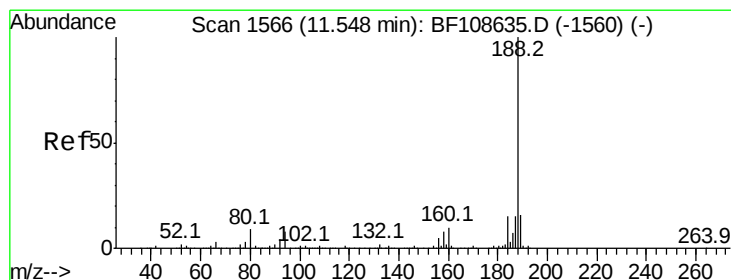
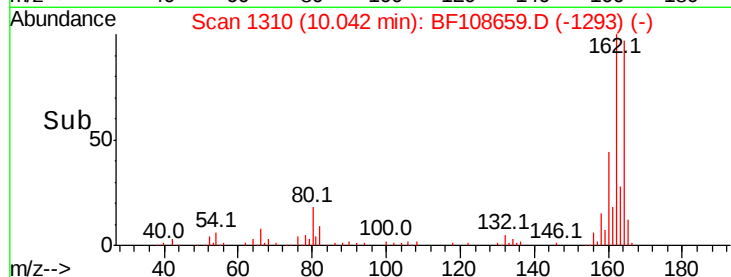
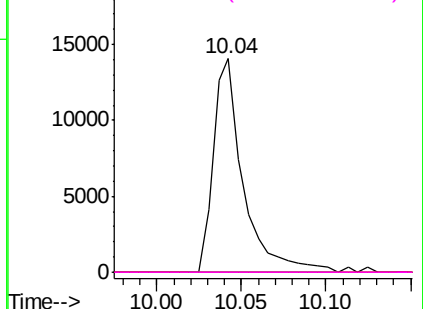
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

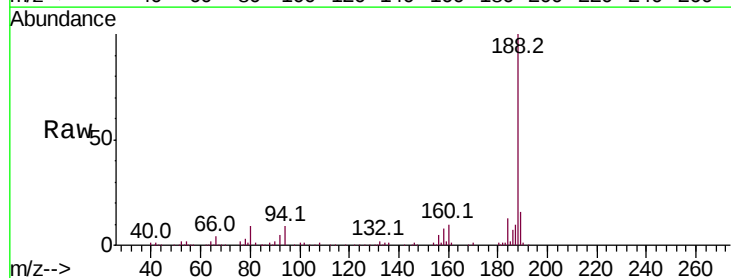
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.5	12.7
80	9.4	9.2	13.8

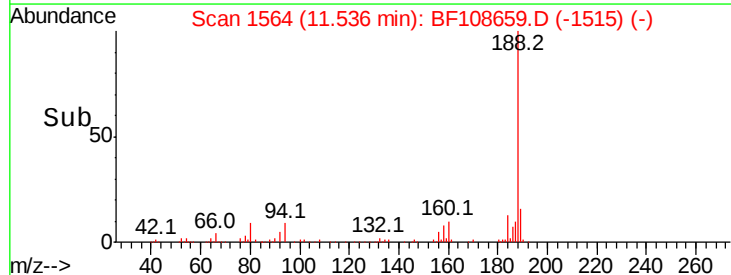
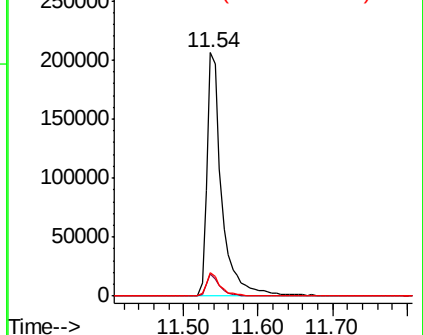


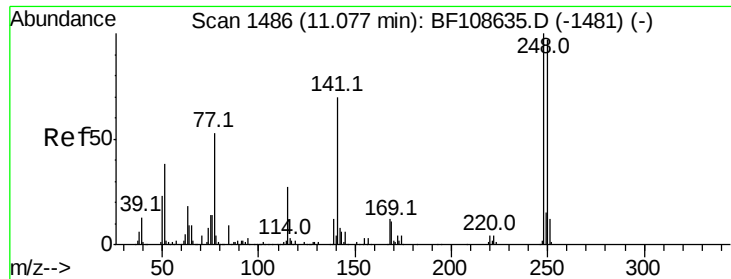
Abundance

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

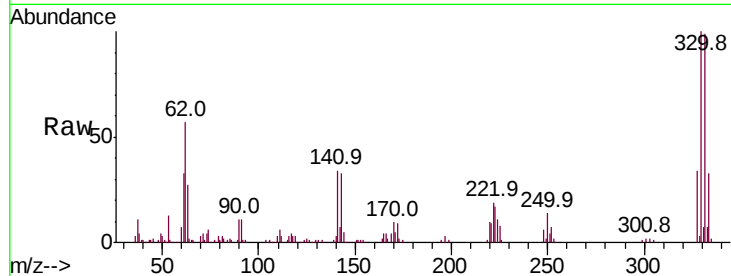




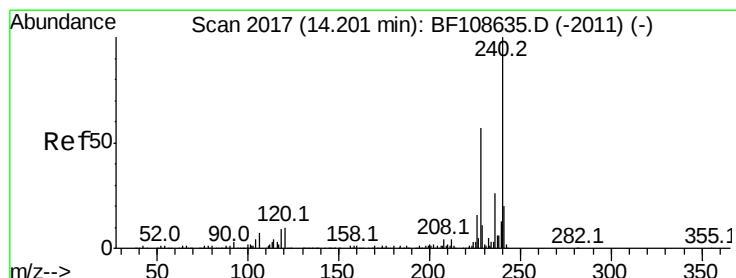
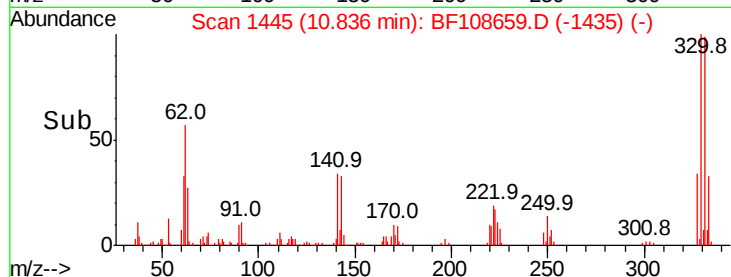
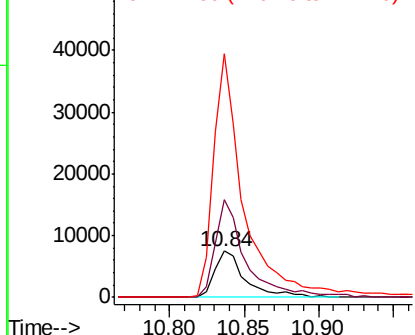
#66
4-Bromophenyl-phenylether
Concen: 3.072 ng
RT: 10.84 min Scan# 1445
Delta R.T. -0.24 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 10744
Ion Ratio Lower Upper
248 100
250 212.4 76.9 115.3#
141 528.1 74.4 111.6#

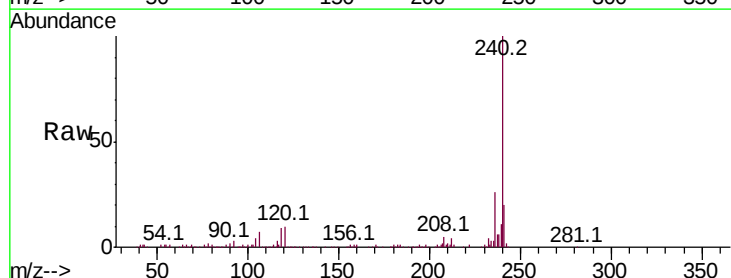


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

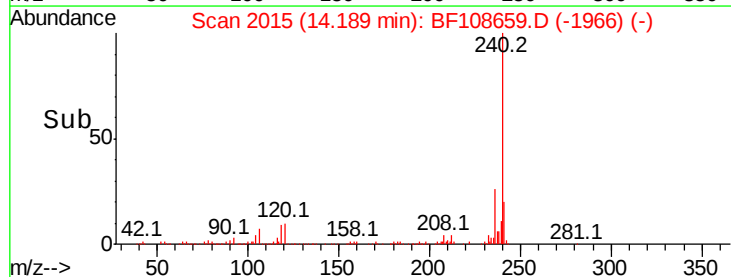
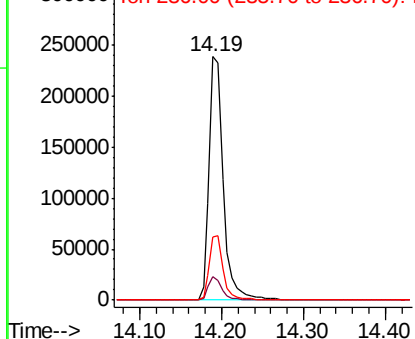


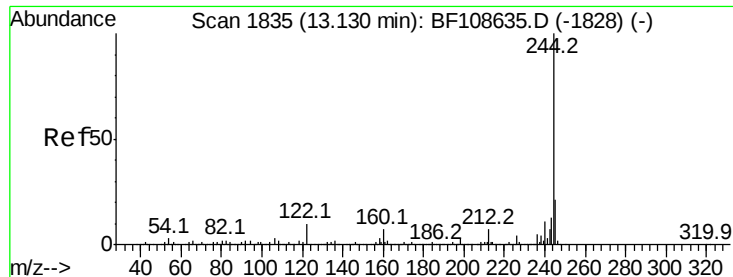
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.19 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF108659.D
Acq: 30 Aug 2018 23:54

Tgt Ion:240 Resp: 286566
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.8 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

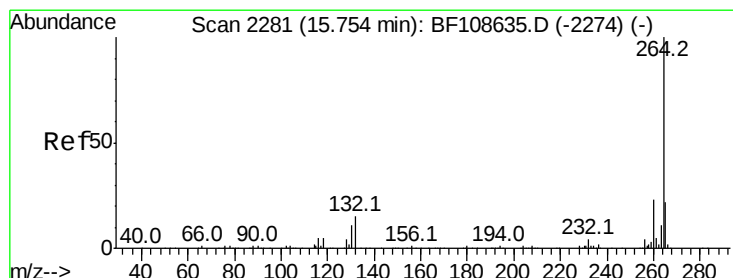
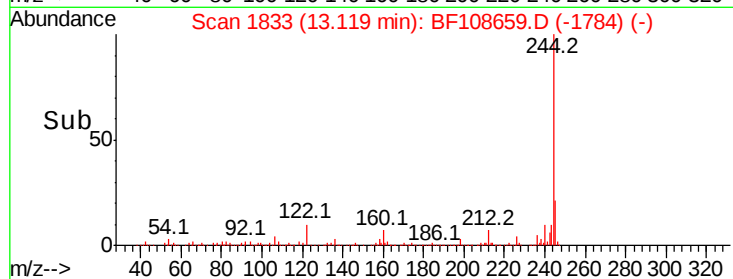
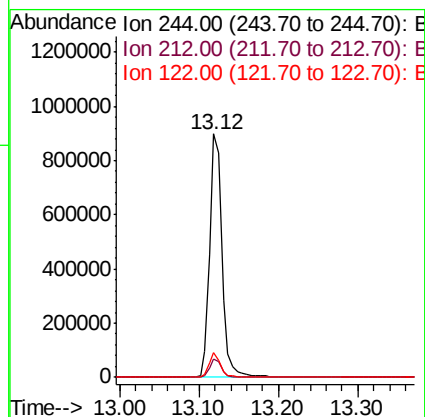
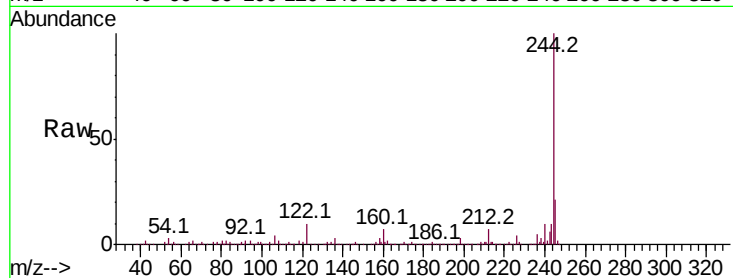




#78
 Terphenyl-d14
 Concen: 66.647 ng
 RT: 13.12 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 982983
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 10.1 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.75 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF108659.D
 Acq: 30 Aug 2018 23:54

Tgt Ion:264 Resp: 236226
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.2 28.8
 265 21.0 17.5 26.3

