

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106807.D
 Acq On : 26 Jun 2018 7:44
 Operator : JU/SJ
 Sample : J3689-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 08:53:17 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

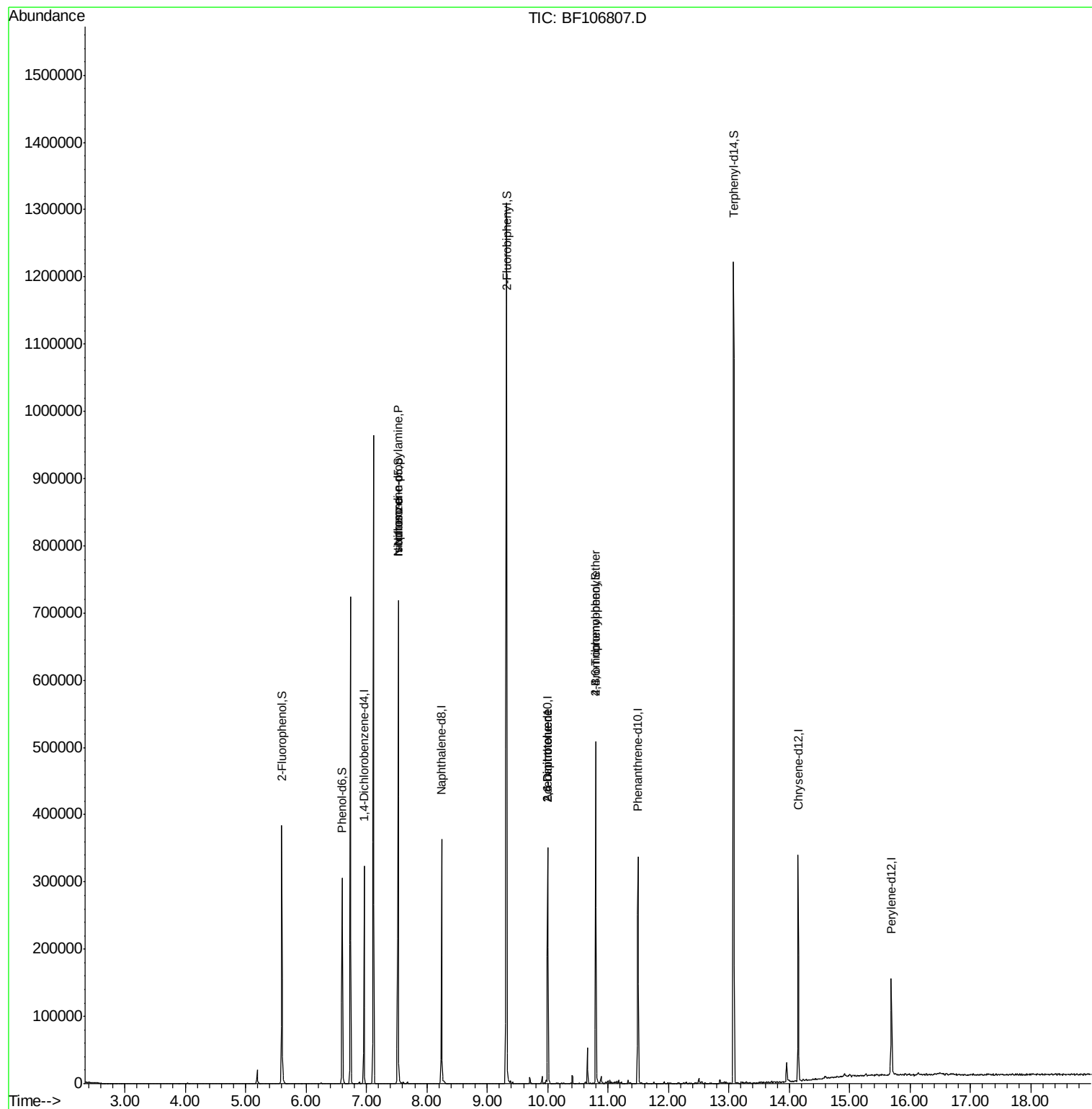
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	44097	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	161474	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	70940	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	130962	20.00	ng	0.00
75) Chrysene-d12	14.15	240	118916	20.00	ng	-0.02
86) Perylene-d12	15.69	264	83077	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	112749	43.30	ng	0.00
7) Phenol-d6	6.60	99	100306	30.84	ng	-0.02
23) Nitrobenzene-d5	7.52	82	248336	85.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	72184	87.79	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	451747	112.57	ng	0.00
78) Terphenyl-d14	13.08	244	480853	97.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	31920	14.890	ng	# 73
25) Isophorone	7.52	82	248331	48.501	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8996	7.985	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8996	6.117	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	4421	2.829	ng	# 1

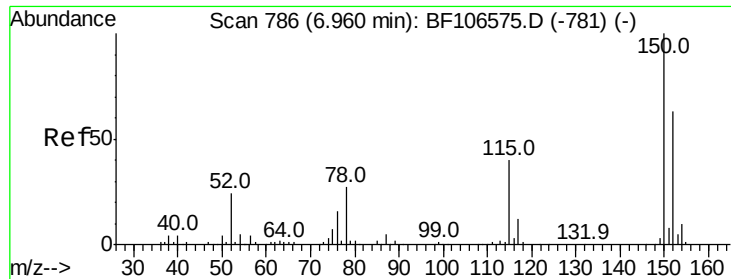
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_F
ClientSampleId :

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QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration



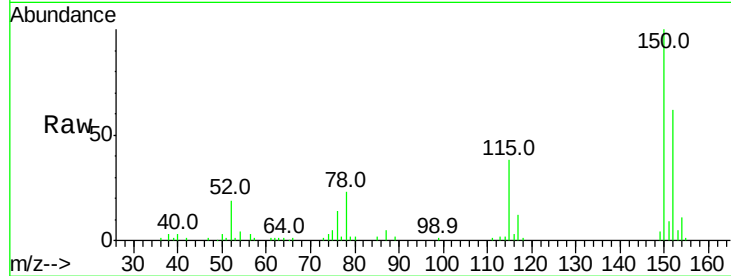


#1

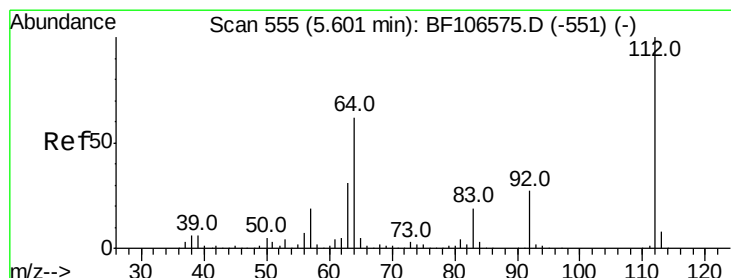
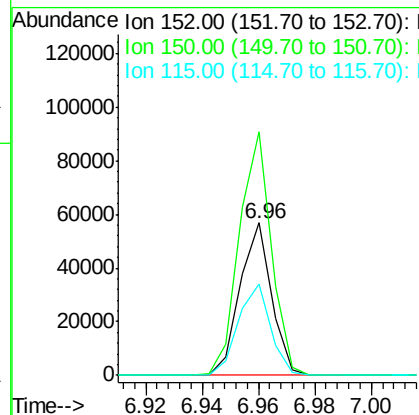
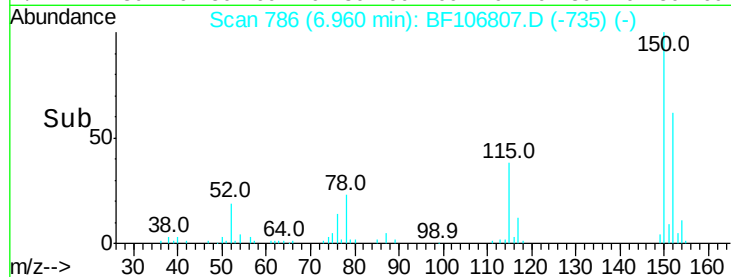
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 44097
Ion Ratio Lower Upper
152 100
150 160.0 124.6 186.8
115 60.1 50.1 75.1



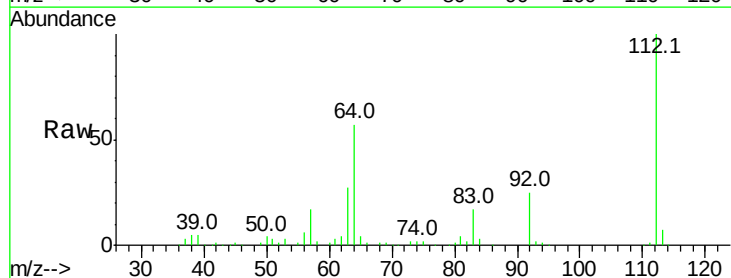
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



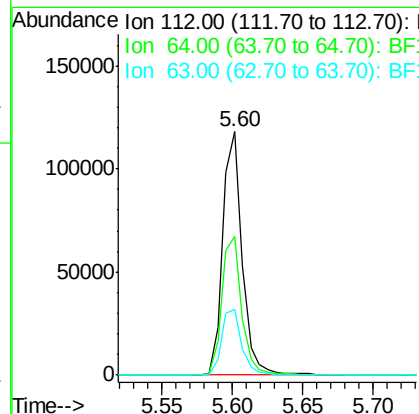
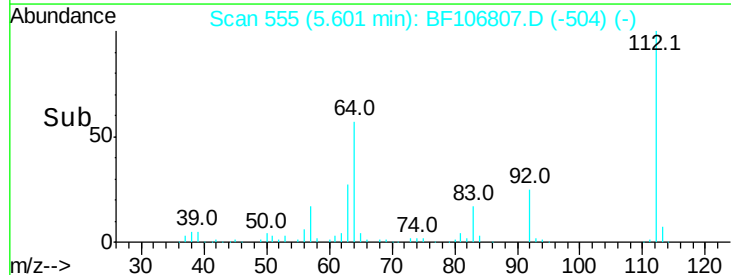
#5

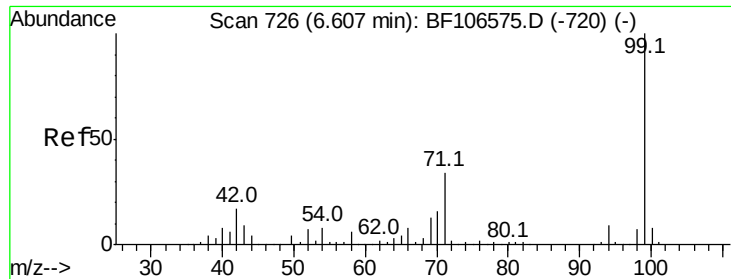
2-Fluorophenol
Concen: 43.295 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Tgt Ion:112 Resp: 112749
Ion Ratio Lower Upper
112 100
64 57.1 47.9 71.9
63 27.2 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: 30.843 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

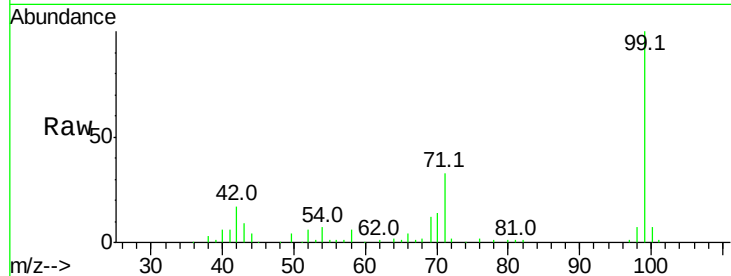
Tot Ion: 99 Resp: 100306

Ion Ratio Lower Upper

99 100

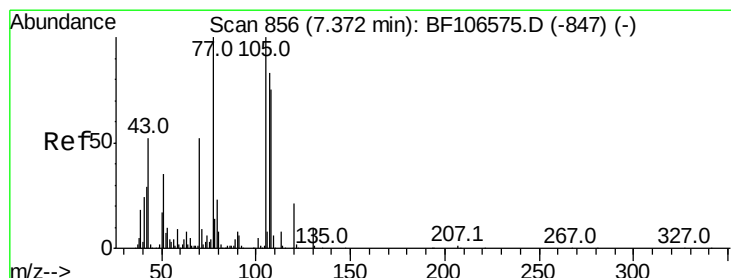
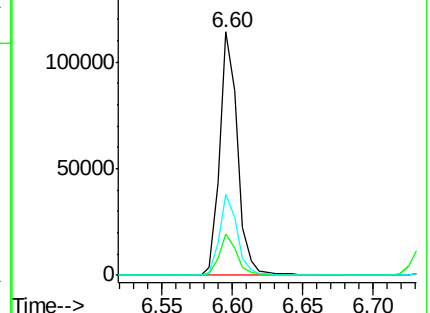
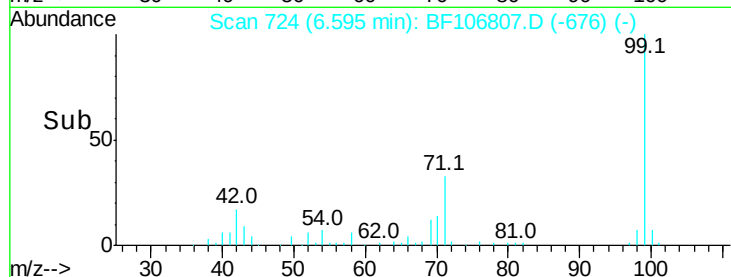
42 16.8 14.5 21.7

71 33.4 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

6.60



#19

n-Nitroso-di-n-propylamine

Concen: 14.890 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Tgt Ion: 70 Resp: 31920

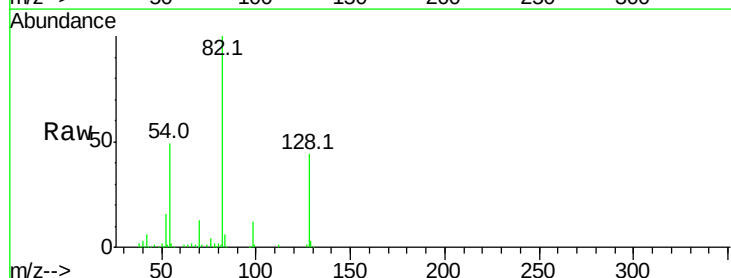
Ion Ratio Lower Upper

70 100

42 42.4 47.5 71.3#

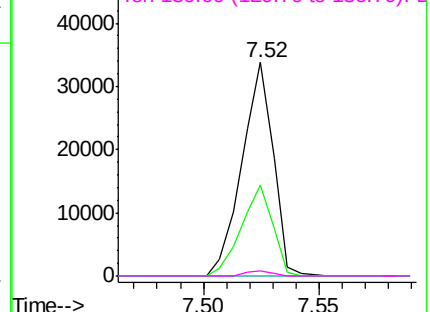
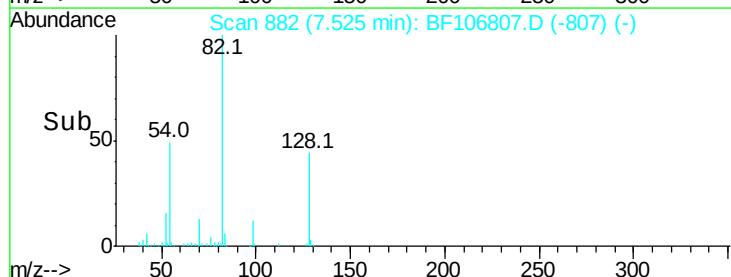
101 0.0 7.4 11.2#

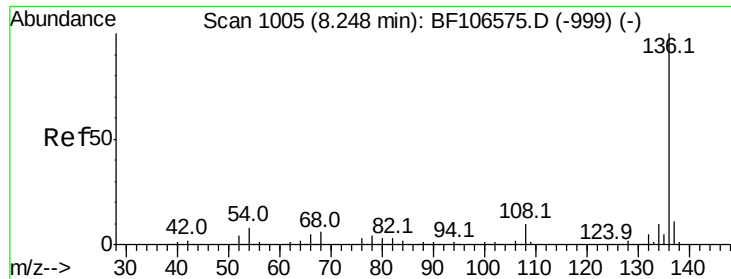
130 2.2 16.6 25.0#



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

7.52

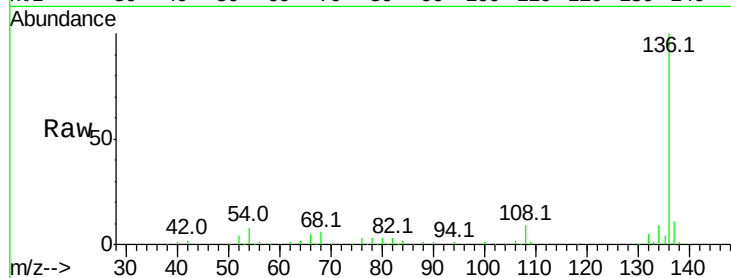




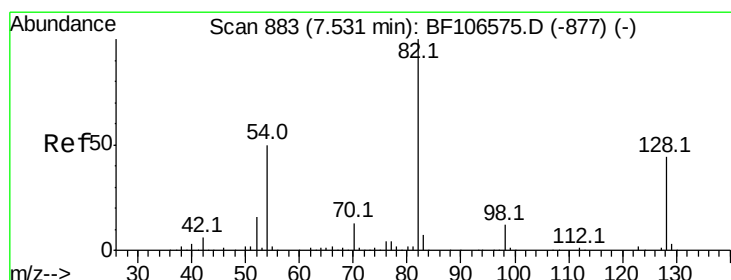
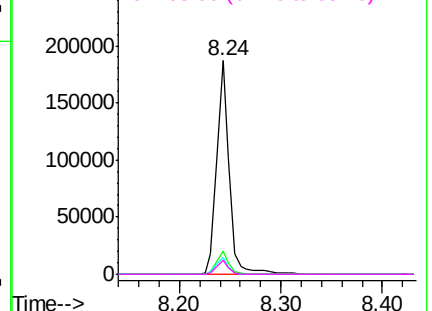
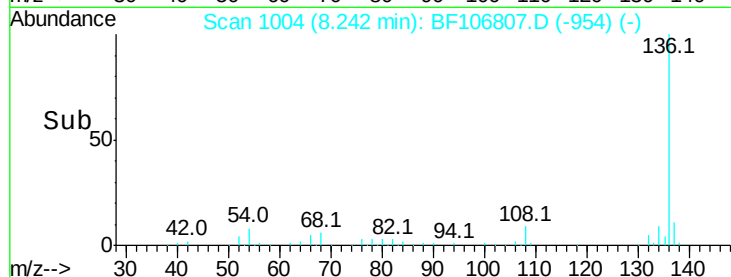
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	161474
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	6.4	5.0	7.4

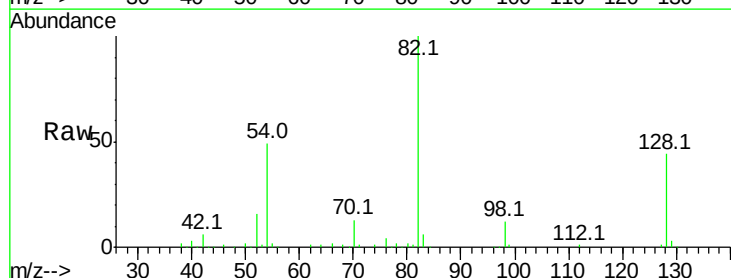


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

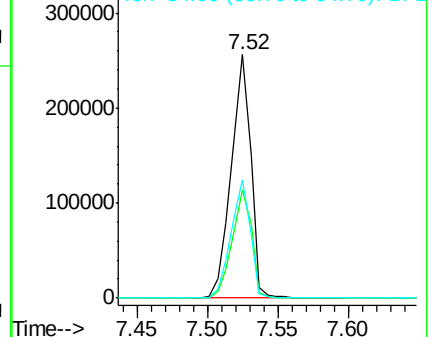
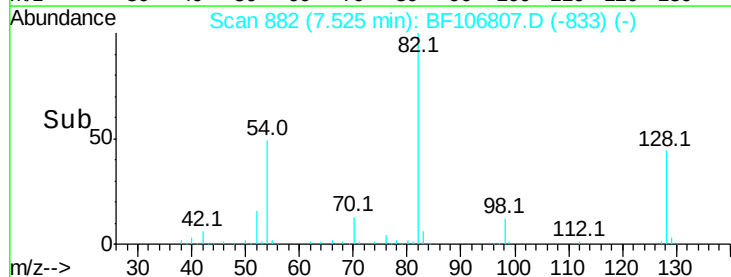


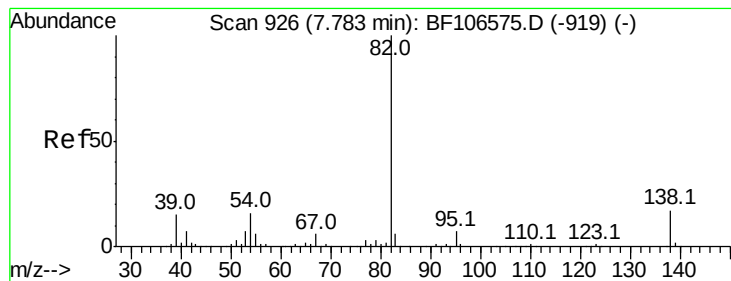
#23
Nitrobenzene-d5
Concen: 85.468 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106807.D
Acq: 26 Jun 2018 7:44

Tgt Ion:	82	Resp:	248336
Ion	Ratio	Lower	Upper
82	100		
128	44.5	36.1	54.1
54	48.8	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: 48.501 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

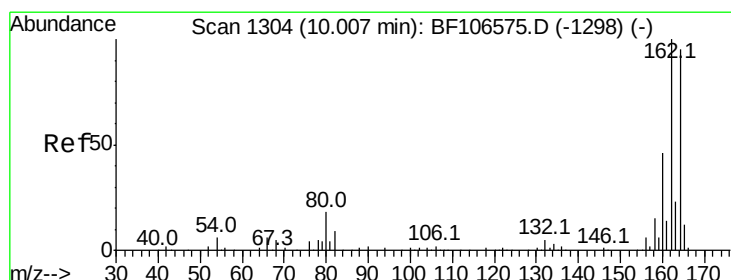
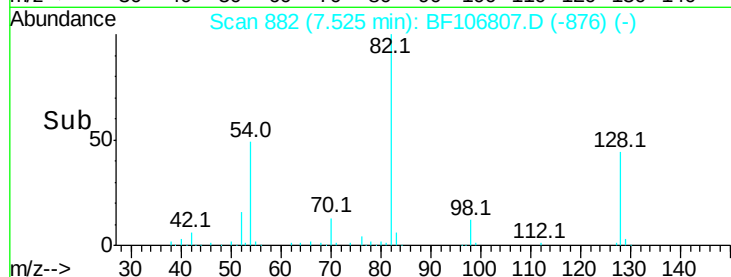
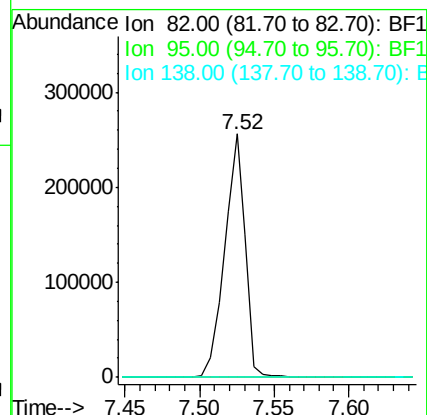
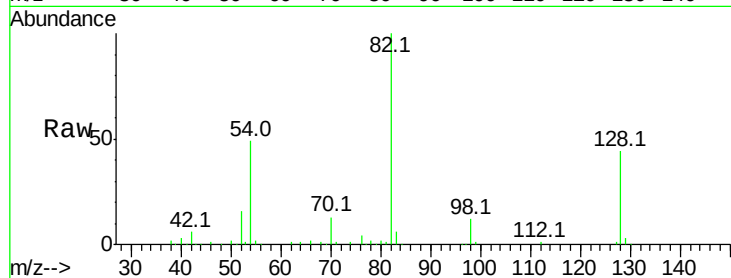
Tot Ion: 82 Resp: 248331

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

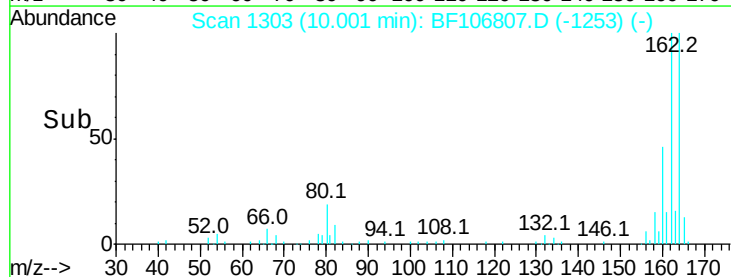
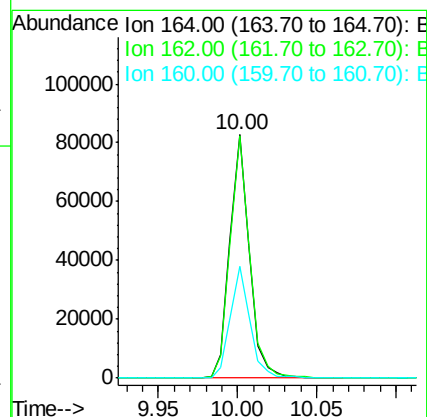
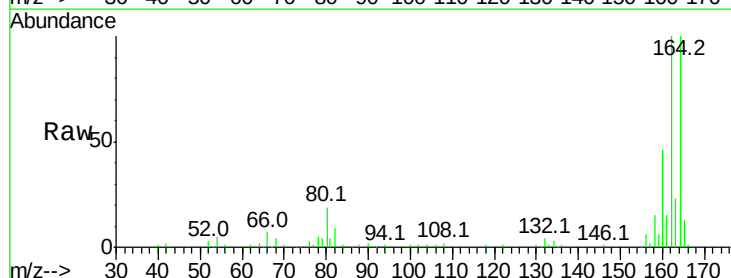
Tgt Ion:164 Resp: 70940

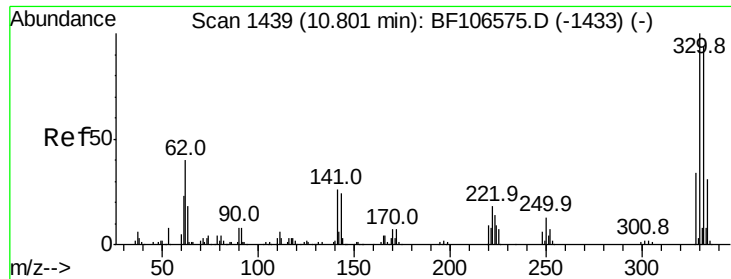
Ion Ratio Lower Upper

164 100

162 99.5 86.1 129.1

160 45.8 38.3 57.5

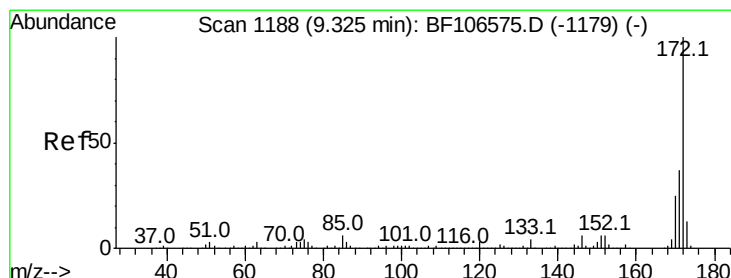
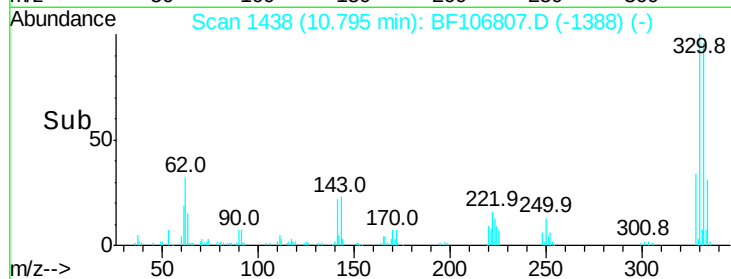
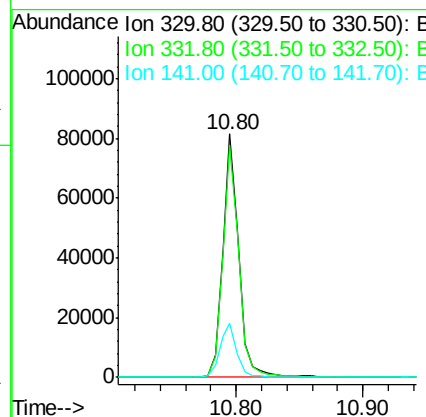
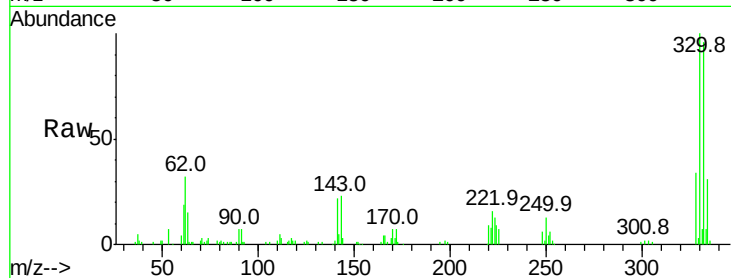




#41
 2,4,6-Tribromophenol
 Concen: 87.792 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

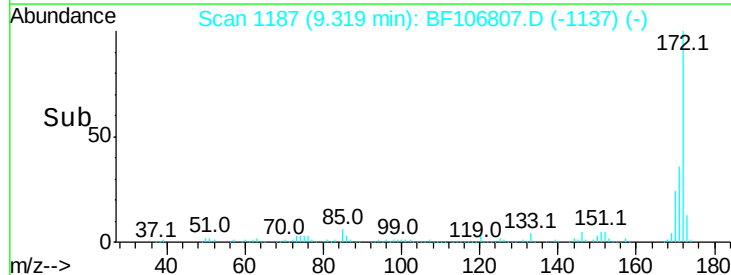
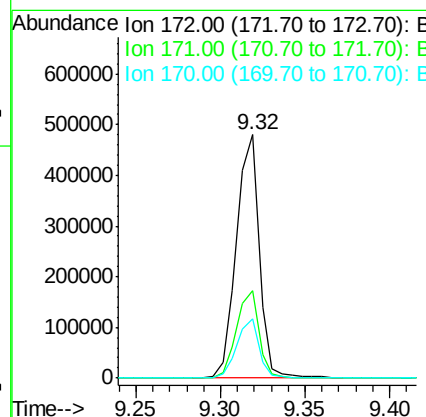
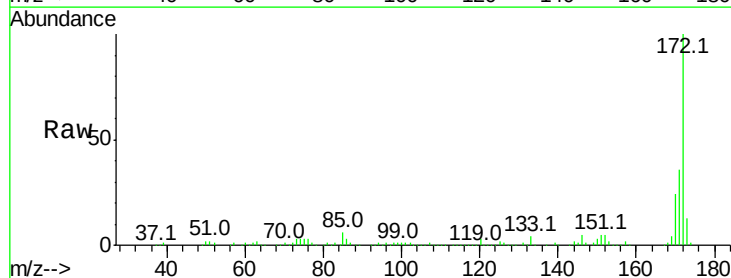
Instrument :
 BNA_F
 ClientSampled :

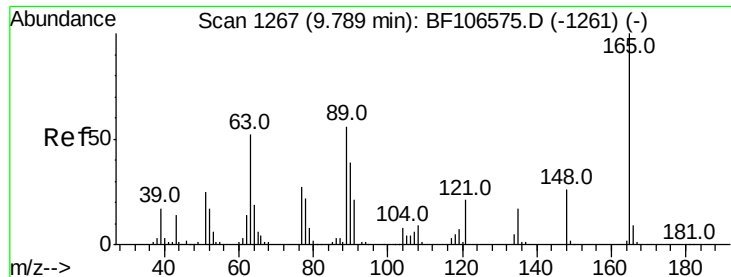
Tot Ion	330	332	141	Ratio	Lower	Upper
Resp:	72184					
Ion	100	96.0	23.0			
Ratio						
Lower		77.0	29.9			
Upper		115.6	44.9			



#44
 2-Fluorobiphenyl
 Concen: 112.571 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Tgt Ion	172	171	170	Ratio	Lower	Upper
Resp:	451747					
Ion	100	35.9	24.3			
Ratio						
Lower		29.7	19.6			
Upper		44.5	29.4			

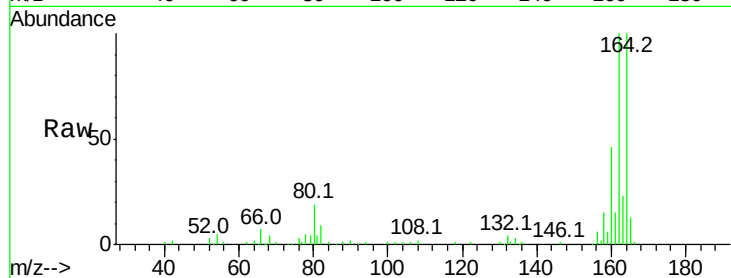




#50
 2,6-Dinitrotoluene
 Concen: 7.985 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :

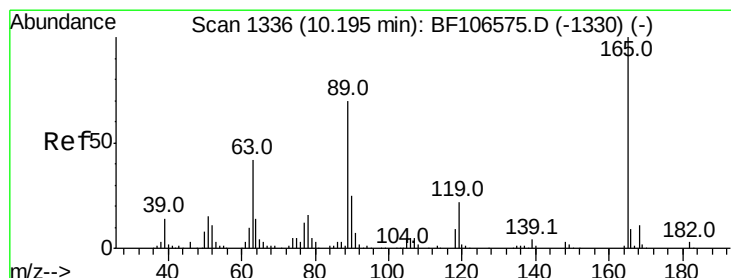
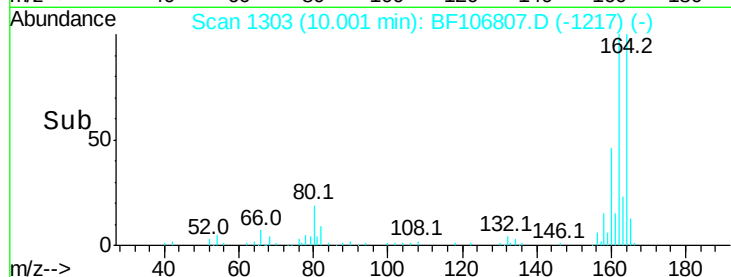
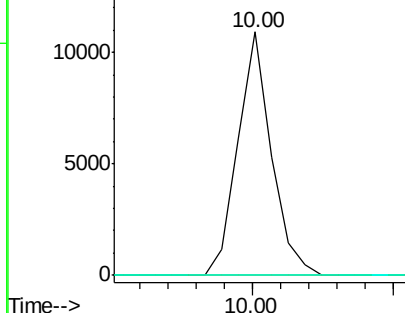
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

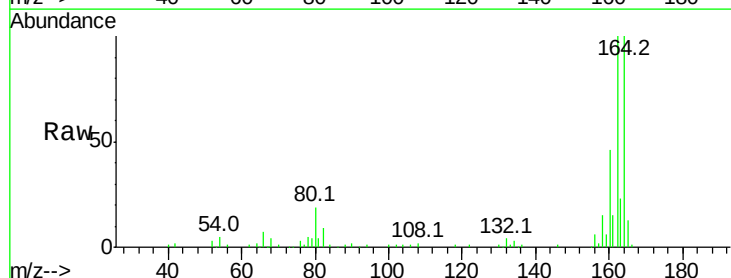
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.117 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

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#

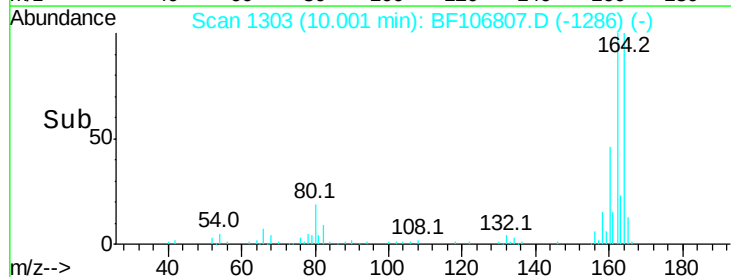
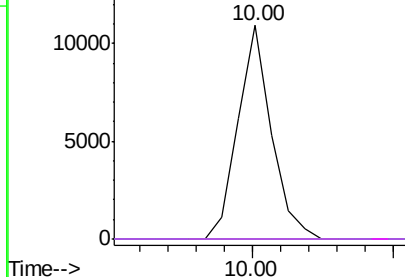


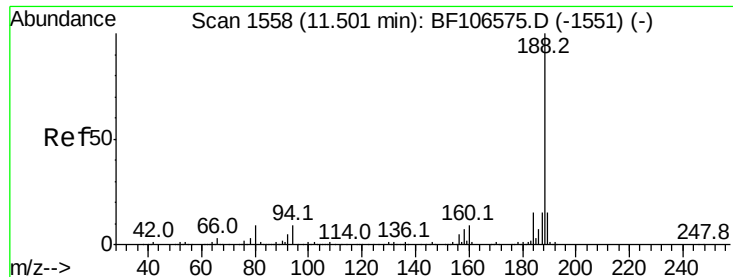
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

Instrument :

BNA_F

ClientSampleId :

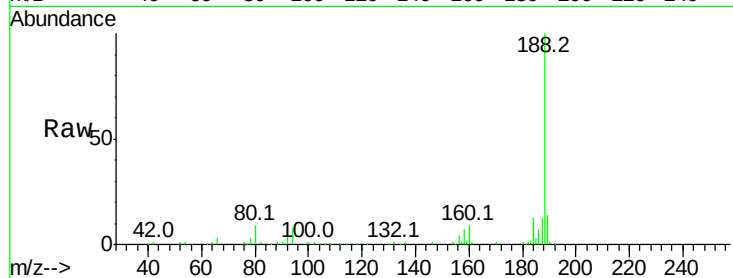
Tot Ion:188 Resp: 130962

Ion Ratio Lower Upper

188 100

94 8.2 8.5 12.7#

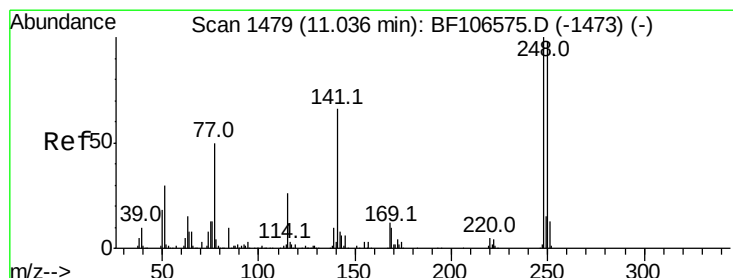
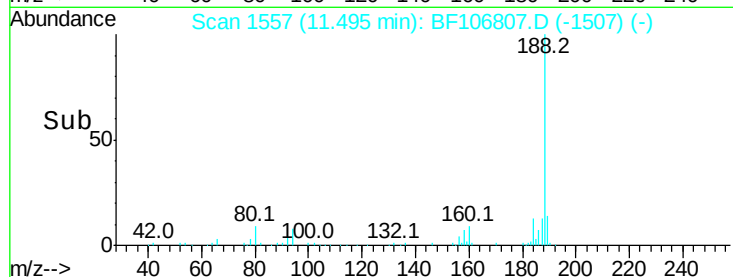
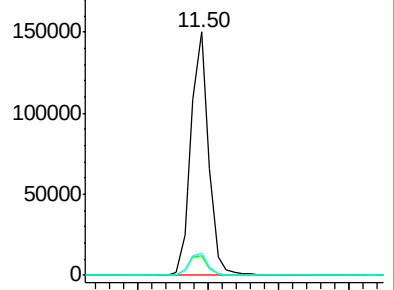
80 8.9 9.2 13.8#



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: 2.829 ng

RT: 10.80 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106807.D

Acq: 26 Jun 2018 7:44

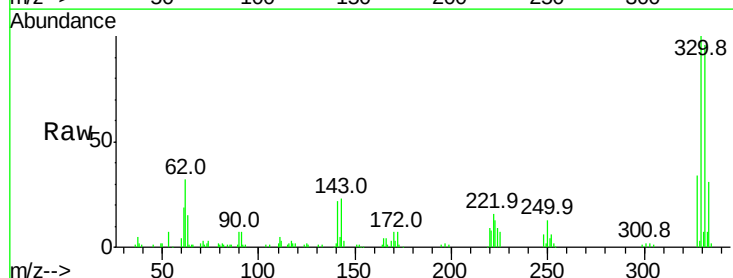
Tgt Ion:248 Resp: 4421

Ion Ratio Lower Upper

248 100

250 206.5 76.9 115.3#

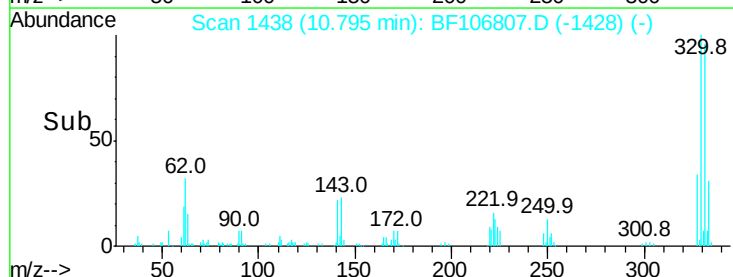
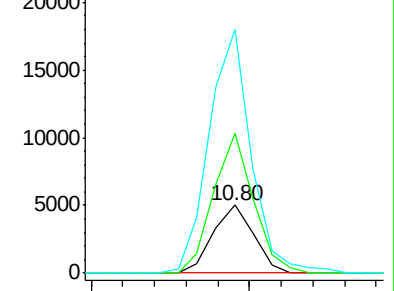
141 358.0 74.4 111.6#

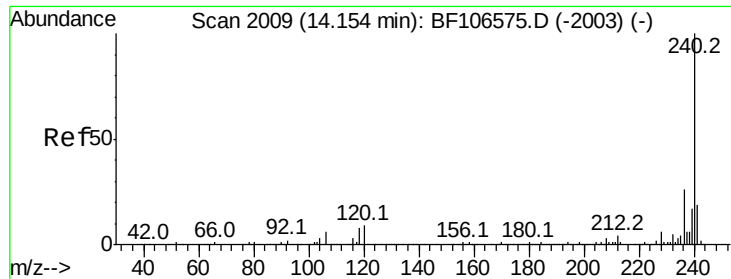


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

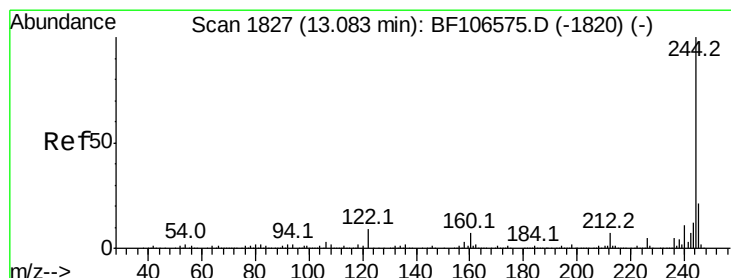
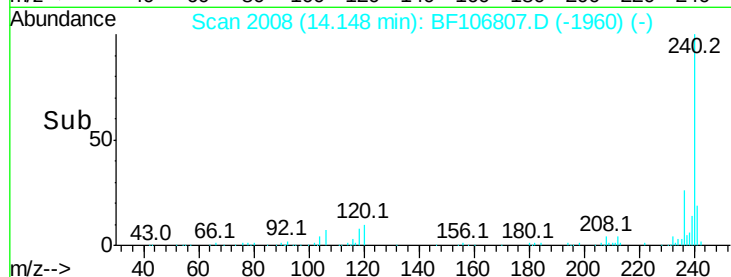
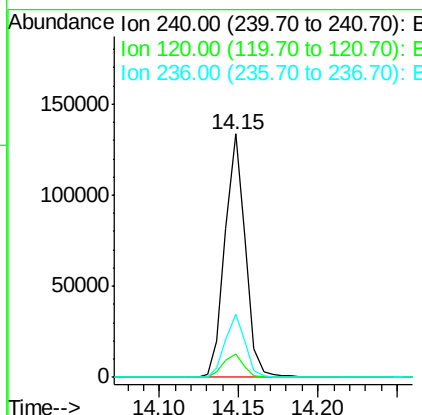
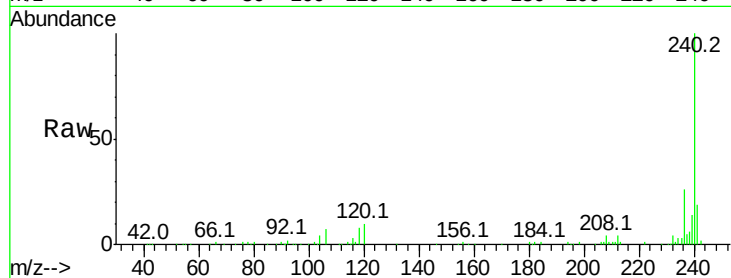




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

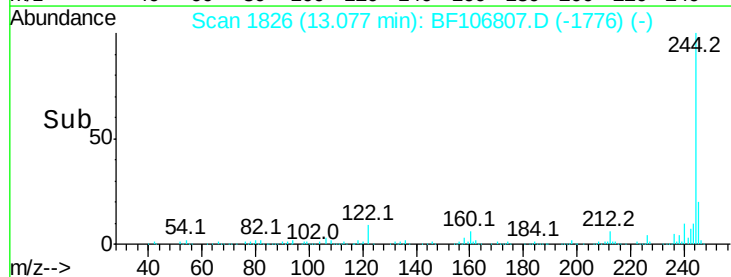
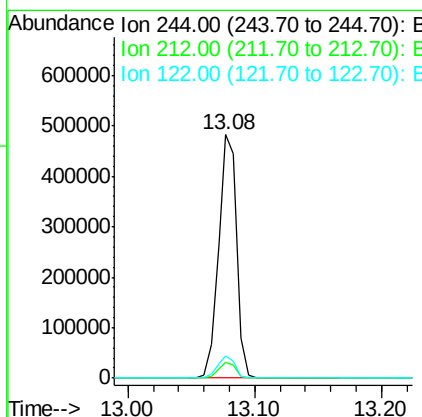
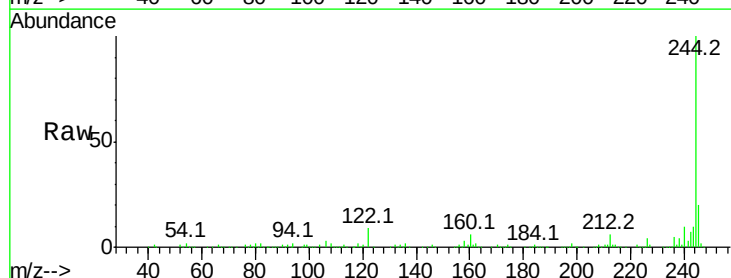
Instrument :
 BNA_F
 ClientSampleId :

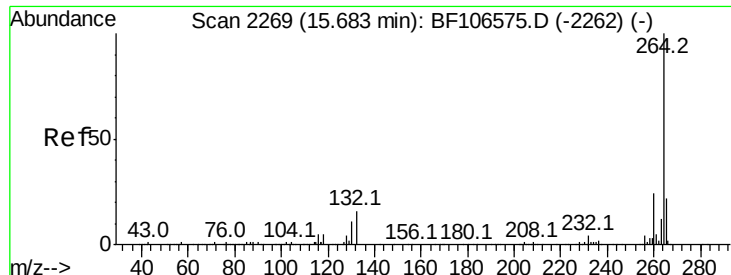
Tot Ion:240 Resp: 118916
 Ion Ratio Lower Upper
 240 100
 120 9.6 9.5 14.3
 236 25.7 20.7 31.1



#78
 Terphenyl-d14
 Concen: 97.949 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Tgt Ion:244 Resp: 480853
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 9.3 11.0 16.4#

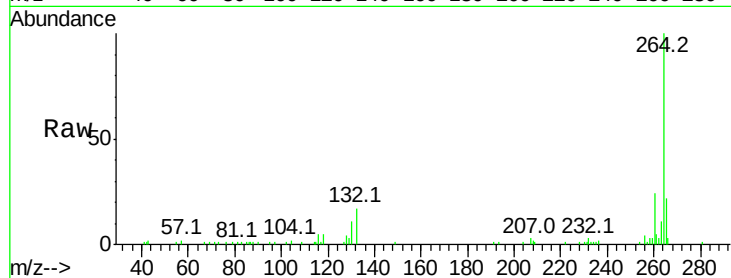




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106807.D
 Acq: 26 Jun 2018 7:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	22.0	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

