

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106808.D
 Acq On : 26 Jun 2018 8:10
 Operator : JU/SJ
 Sample : J3689-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 08:53:24 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

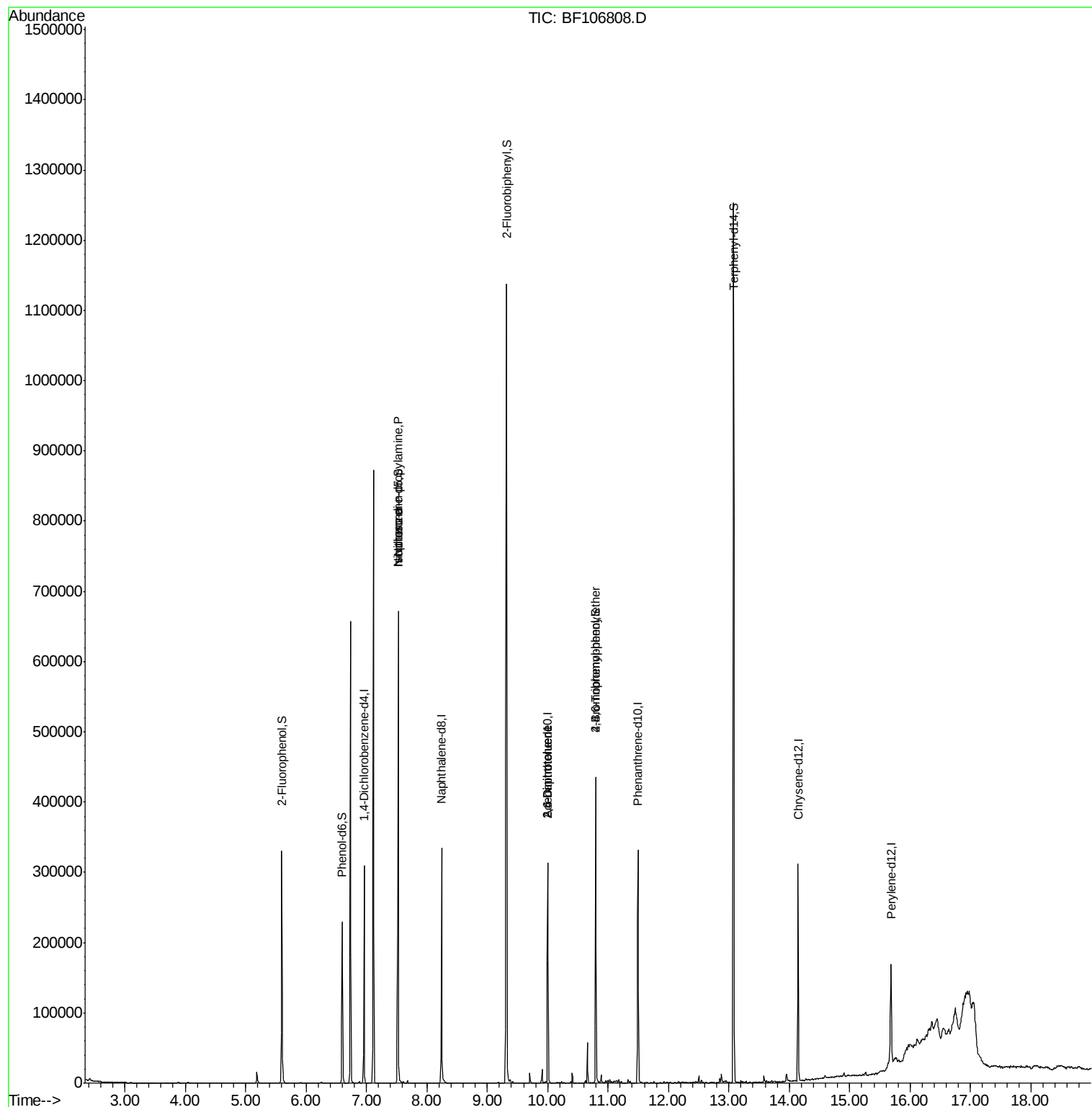
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	42932	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	150273	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	65055	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	123458	20.00	ng	0.00
75) Chrysene-d12	14.14	240	117423	20.00	ng	-0.02
86) Perylene-d12	15.68	264	78457	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	98358	38.79	ng	0.00
7) Phenol-d6	6.60	99	75084	23.71	ng	-0.02
23) Nitrobenzene-d5	7.52	82	224027	82.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	62314	82.64	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	412485	112.01	ng	0.00
78) Terphenyl-d14	13.08	244	454663	93.79	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	28779	13.789	ng	# 72
25) Isophorone	7.52	82	224023	47.015	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	8169	7.907	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	8169	6.057	ng	# 21
66) 4-Bromophenyl-phenylether	10.79	248	3752	2.546	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
Data File : BF106808.D
Acq On : 26 Jun 2018 8:10
Operator : JU/SJ
Sample : J3689-06
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 26 08:53:24 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



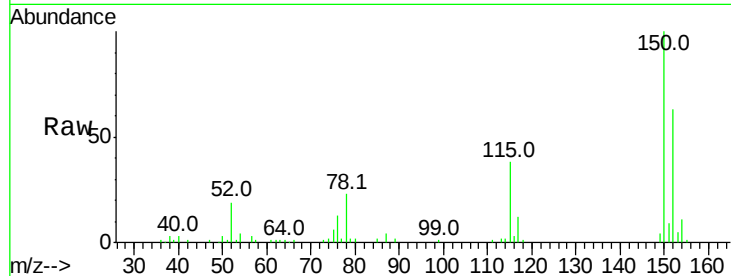


#1

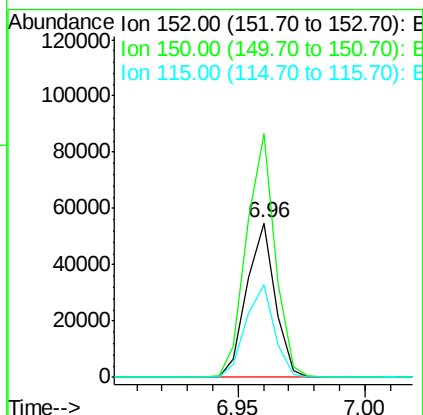
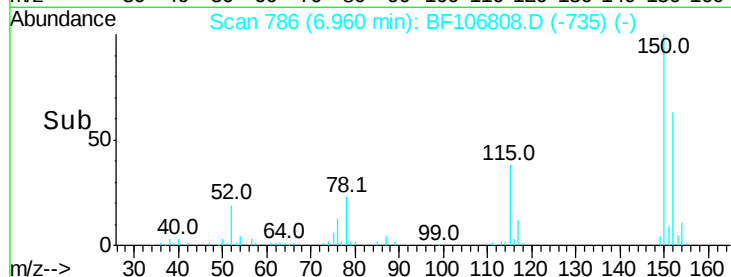
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF106808.D
Acq: 26 Jun 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.6	186.8
115	59.8	50.1	75.1



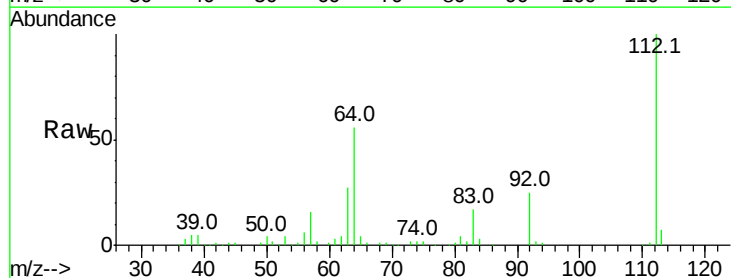
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



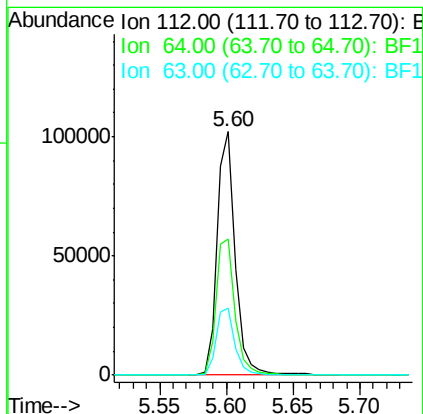
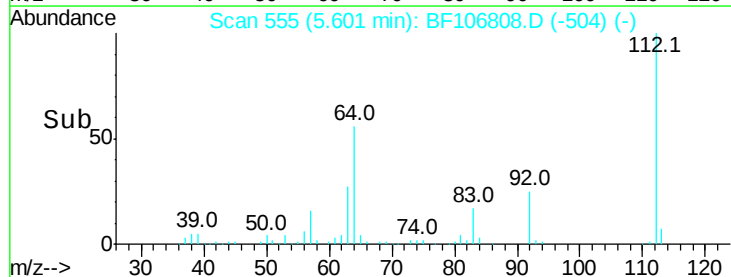
#5

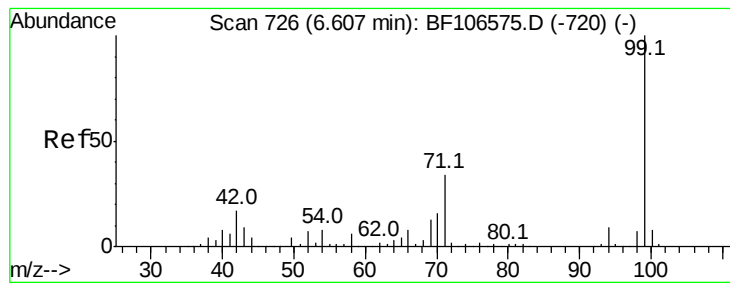
2-Fluorophenol
Concen: 38.794 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF106808.D
Acq: 26 Jun 2018 8:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.0	47.9	71.9
63	27.3	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: 23.714 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Instrument :

BNA_F

ClientSampleId :

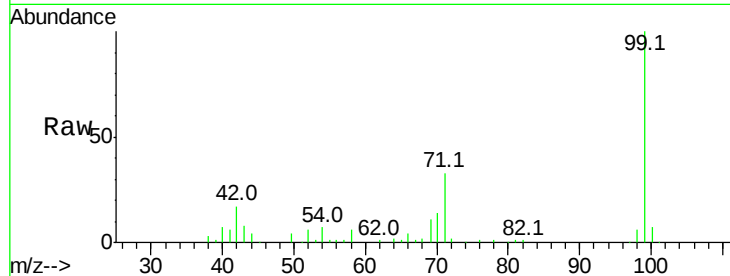
Tot Ion: 99 Resp: 75084

Ion Ratio Lower Upper

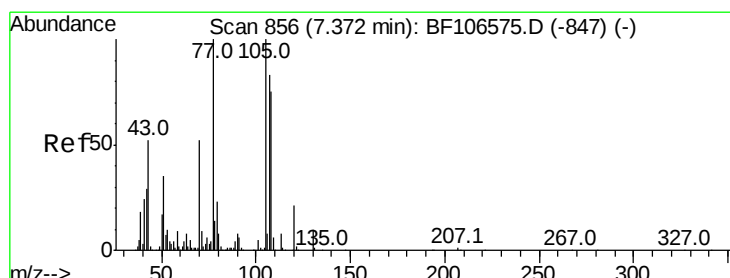
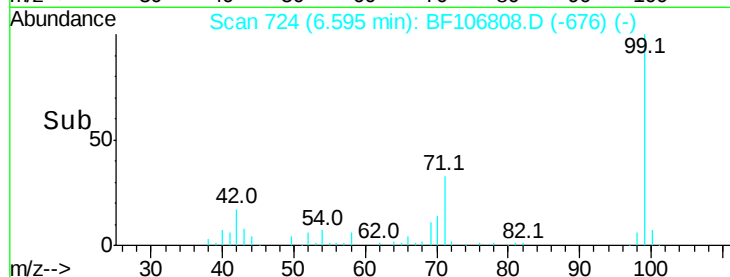
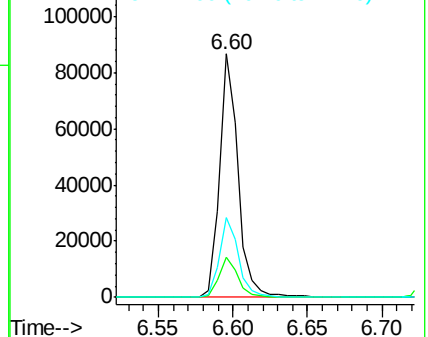
99 100

42 16.5 14.5 21.7

71 32.7 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: 13.789 ng

RT: 7.52 min Scan# 882

Delta R.T. 0.14 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Tgt Ion: 70 Resp: 28779

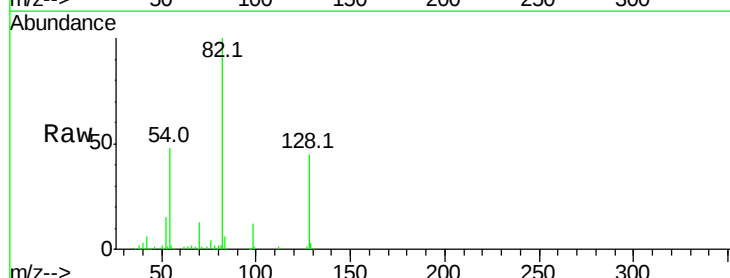
Ion Ratio Lower Upper

70 100

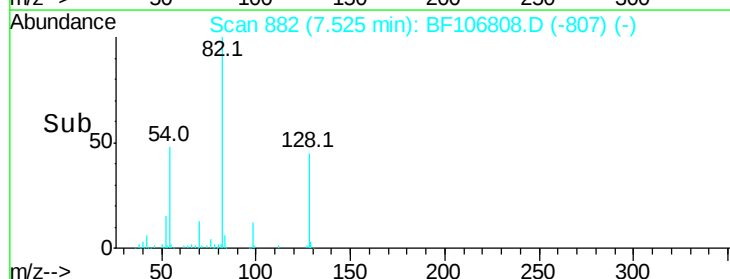
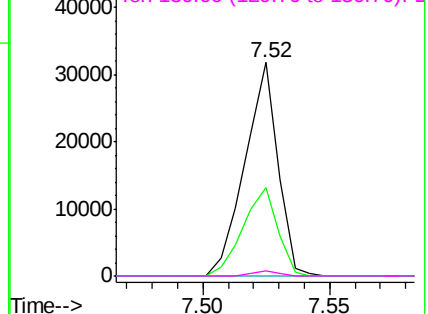
42 41.5 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 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

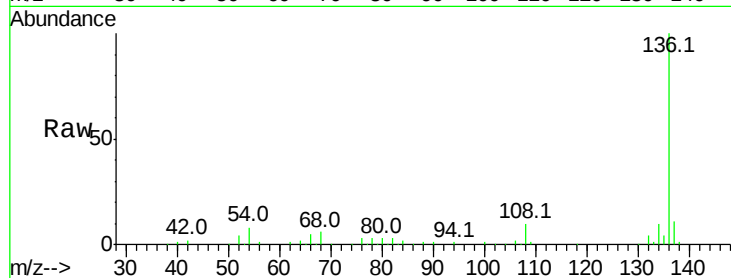




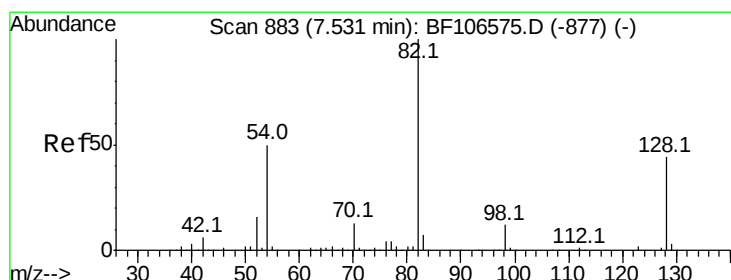
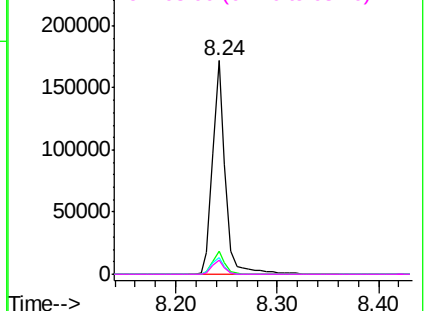
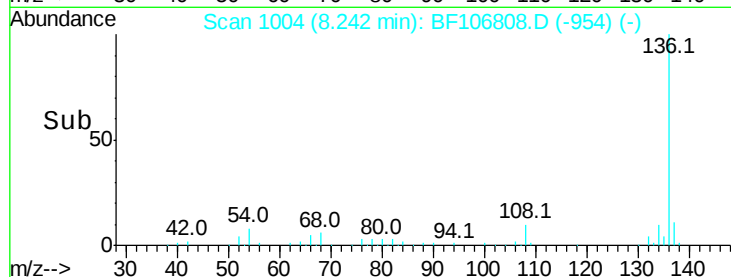
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BF106808.D
Acq: 26 Jun 2018 8:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	150273
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	8.0	6.6	9.8
68	6.3	5.0	7.4

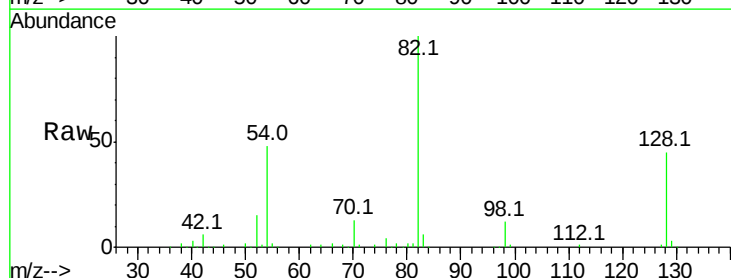


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

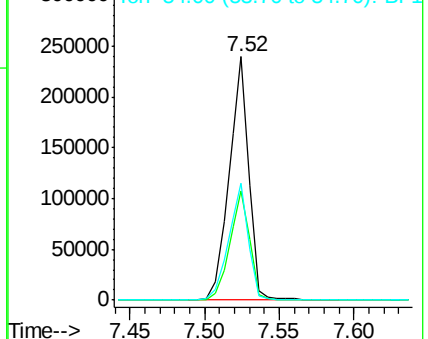
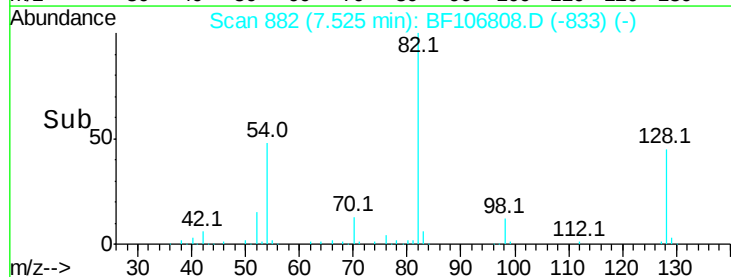


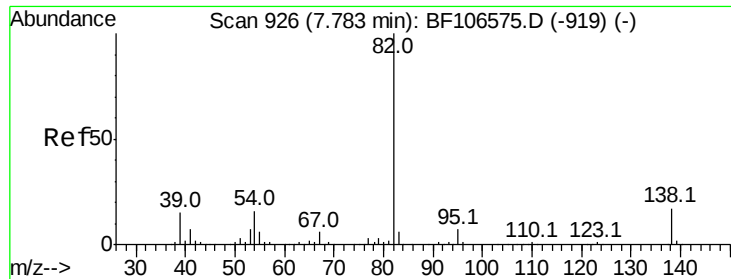
#23
Nitrobenzene-d5
Concen: 82.849 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106808.D
Acq: 26 Jun 2018 8:10

Tgt Ion:	82	Resp:	224027
Ion	Ratio	Lower	Upper
82	100		
128	44.9	36.1	54.1
54	48.2	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: 47.015 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.26 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Instrument :

BNA_F

ClientSampleId :

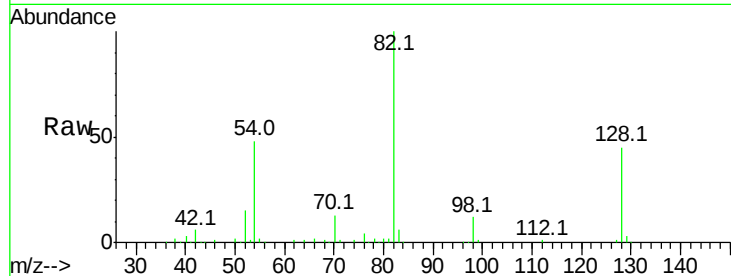
Tot Ion: 82 Resp: 224023

Ion Ratio Lower Upper

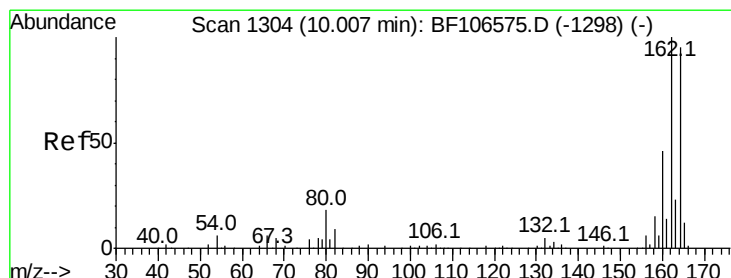
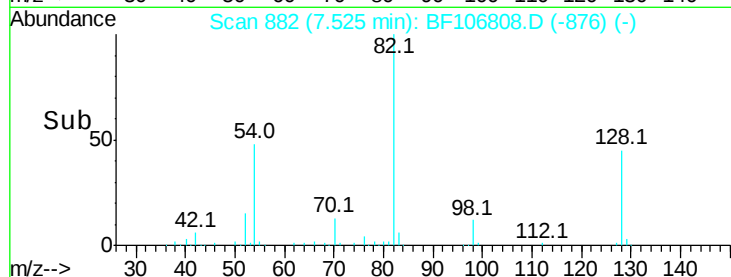
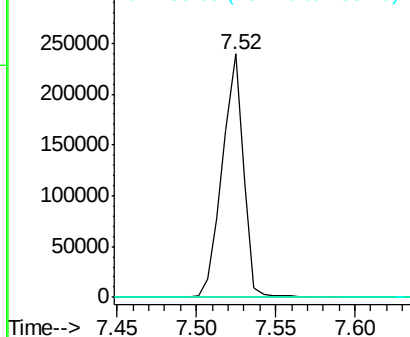
82 100

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: 10.00 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

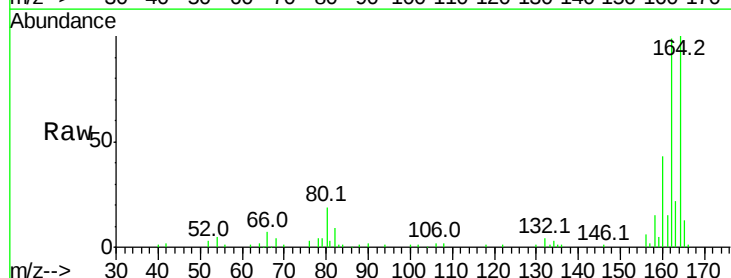
Tgt Ion:164 Resp: 65055

Ion Ratio Lower Upper

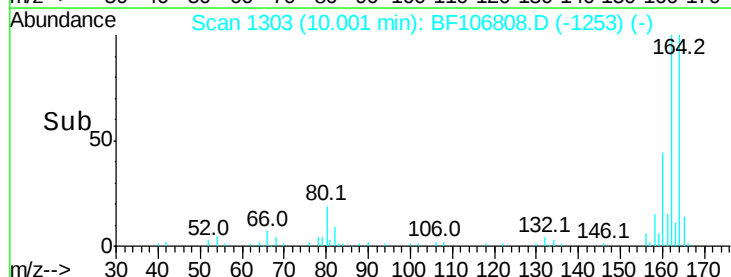
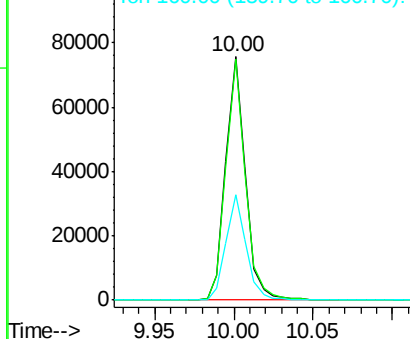
164 100

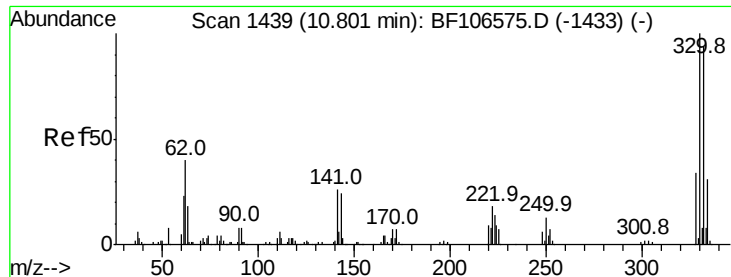
162 99.0 86.1 129.1

160 43.2 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

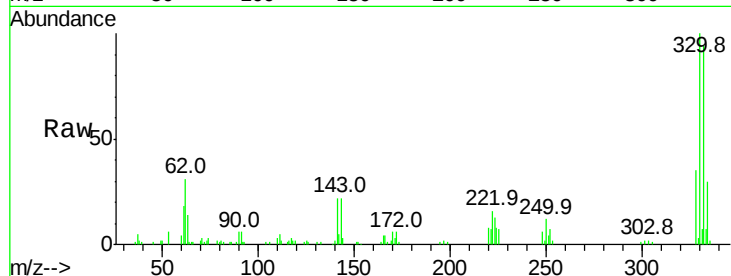




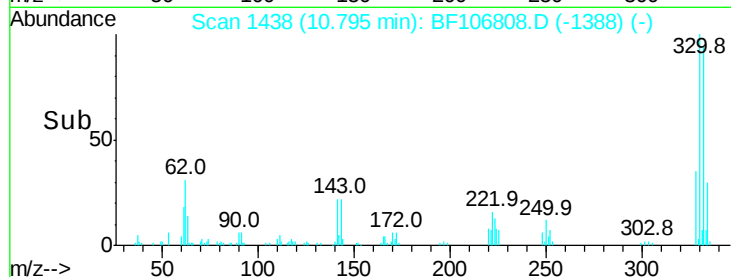
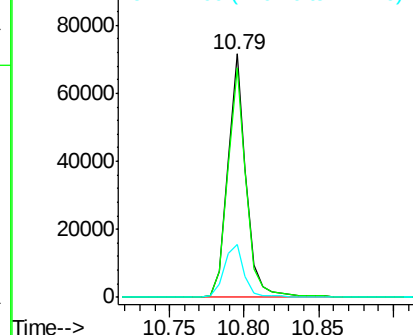
#41
 2,4,6-Tribromophenol
 Concen: 82.644 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF106808.D
 Acq: 26 Jun 2018 8:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	330	332	141	Ratio	Lower	Upper
Resp:	62314					
Ion	100	95.9	23.7			
		77.0	29.9			
		115.6	44.9			

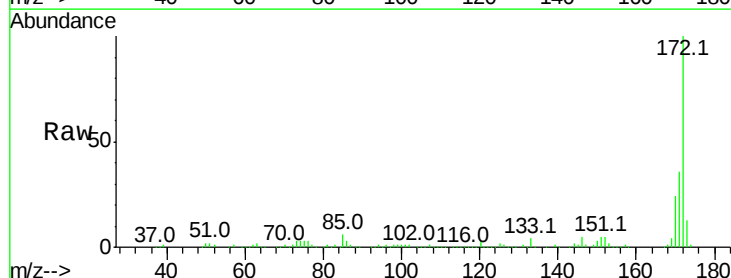


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

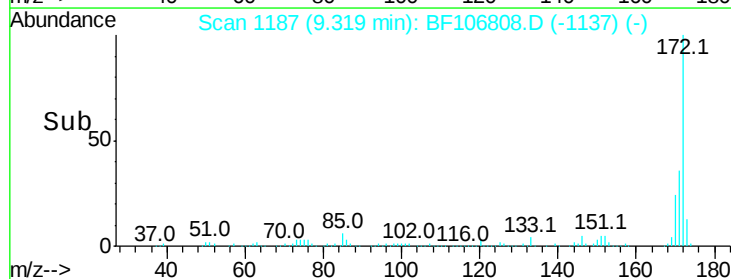
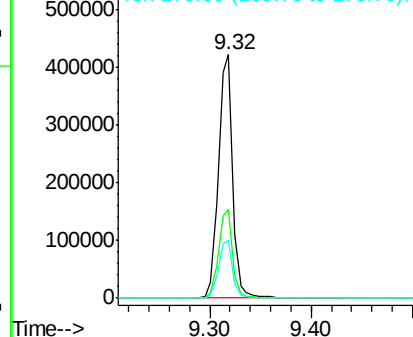


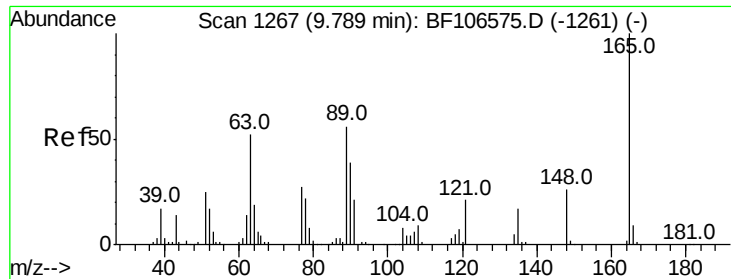
#44
 2-Fluorobiphenyl
 Concen: 112.009 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF106808.D
 Acq: 26 Jun 2018 8:10

Tgt Ion	172	171	170	Ratio	Lower	Upper
Resp:	412485					
Ion	100	36.4	24.0			
		29.7	19.6			
		44.5	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

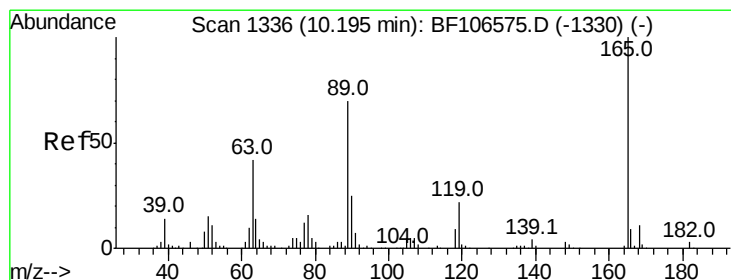
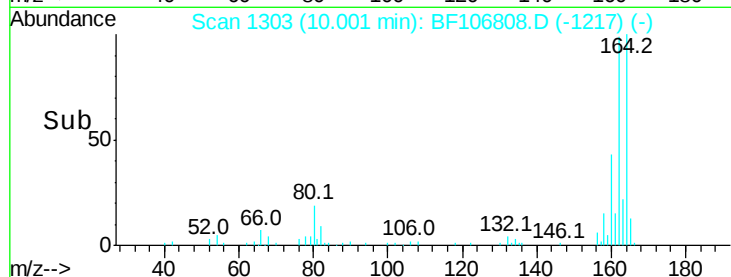
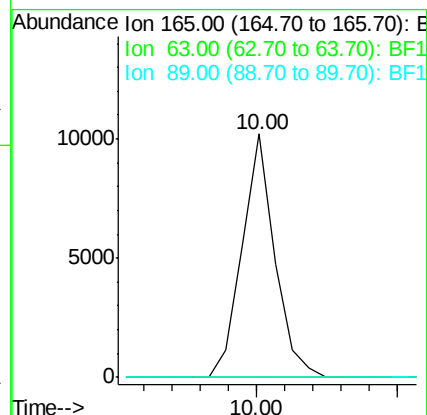
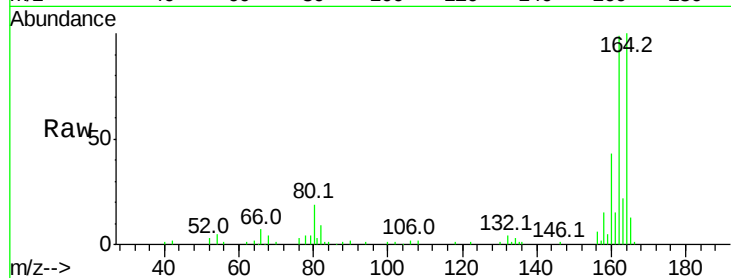




#50
 2,6-Dinitrotoluene
 Concen: 7.907 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.21 min
 Lab File: BF106808.D
 Acq: 26 Jun 2018 8:10

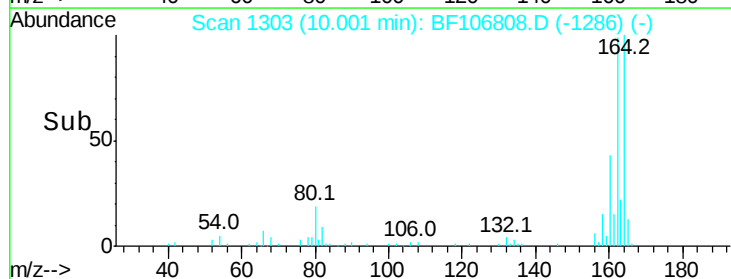
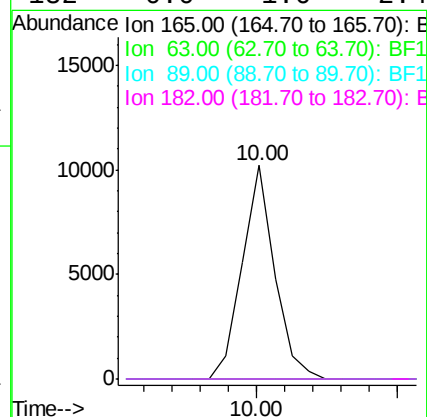
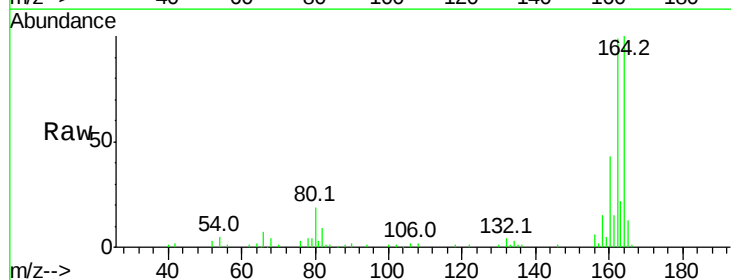
Instrument :
 BNA_F
 ClientSampleId :

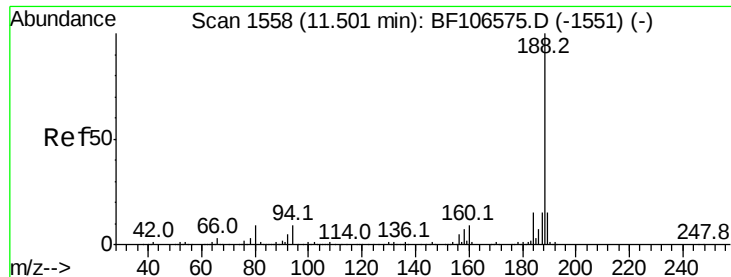
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.057 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. -0.20 min
 Lab File: BF106808.D
 Acq: 26 Jun 2018 8:10

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#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.01 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Instrument :

BNA_F

ClientSampleId :

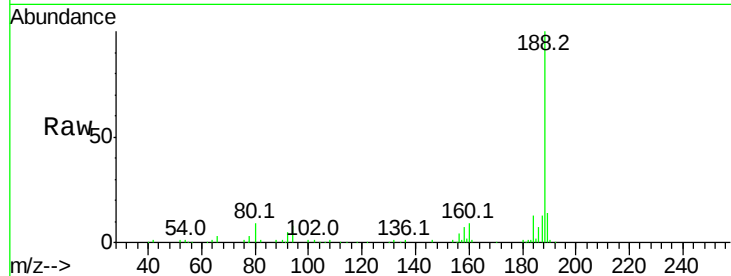
Tot Ion:188 Resp: 123458

Ion Ratio Lower Upper

188 100

94 8.4 8.5 12.7#

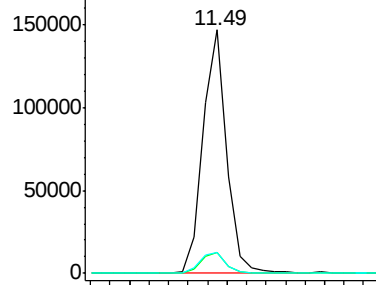
80 8.8 9.2 13.8#



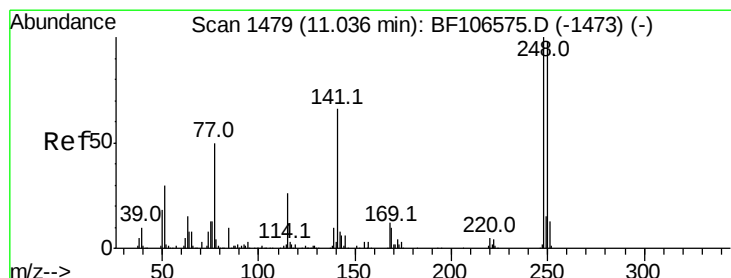
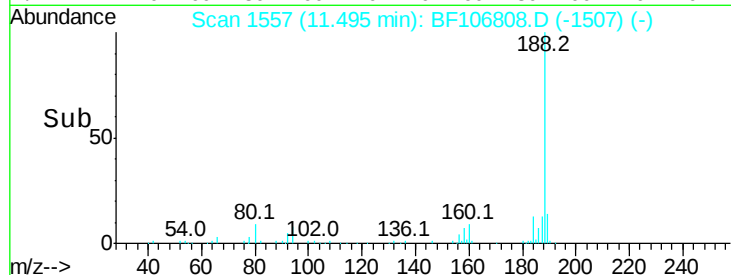
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.546 ng

RT: 10.79 min Scan# 1438

Delta R.T. -0.24 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

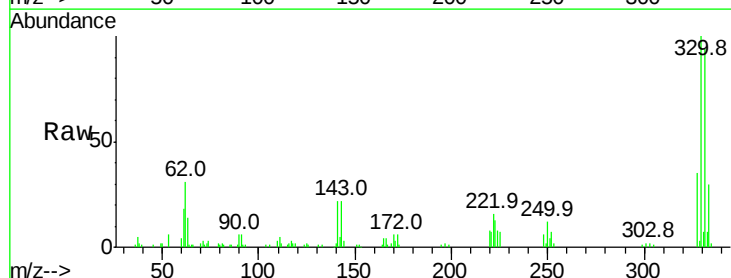
Tgt Ion:248 Resp: 3752

Ion Ratio Lower Upper

248 100

250 199.4 76.9 115.3#

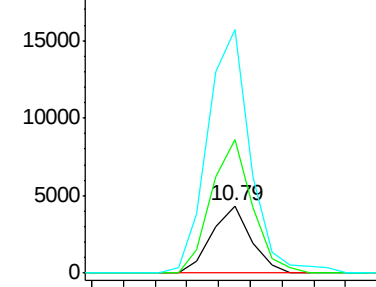
141 363.1 74.4 111.6#



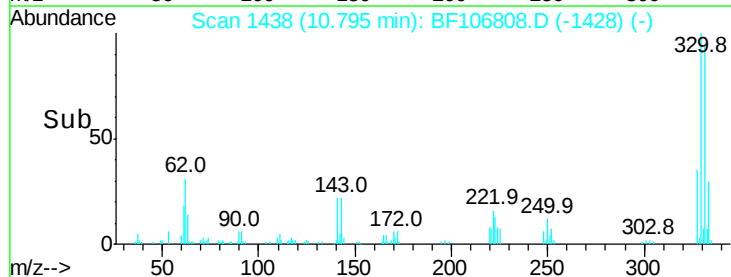
Abundance Ion 248.00 (247.70 to 248.70): E

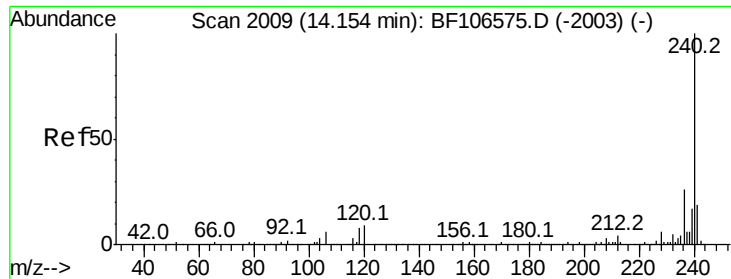
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Instrument :

BNA_F

ClientSampleId :

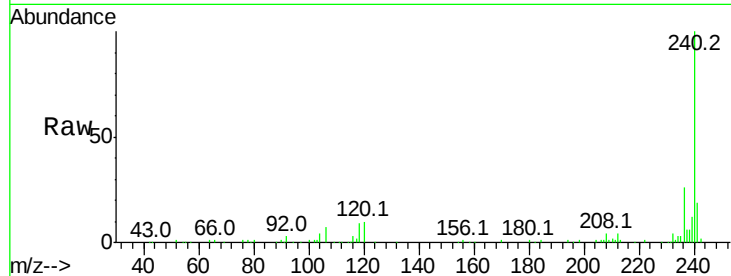
Tot Ion:240 Resp: 117423

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

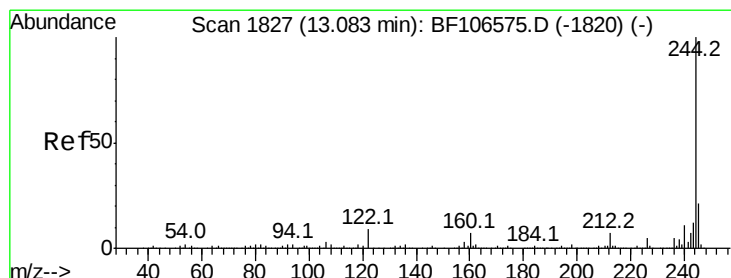
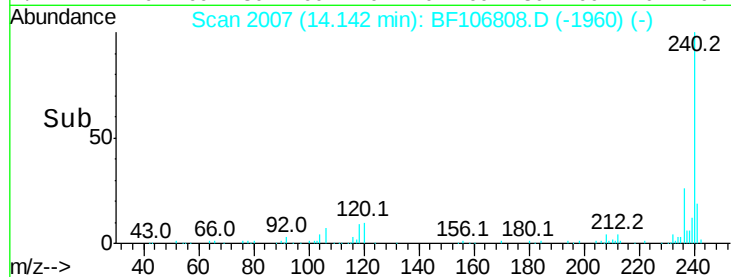
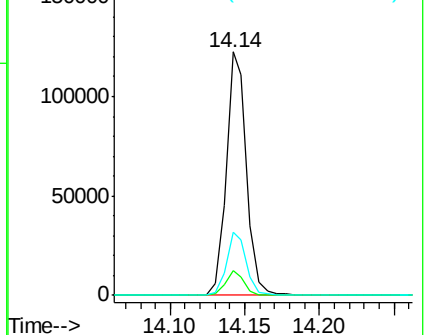
236 25.7 20.7 31.1



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: 93.792 ng

RT: 13.08 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

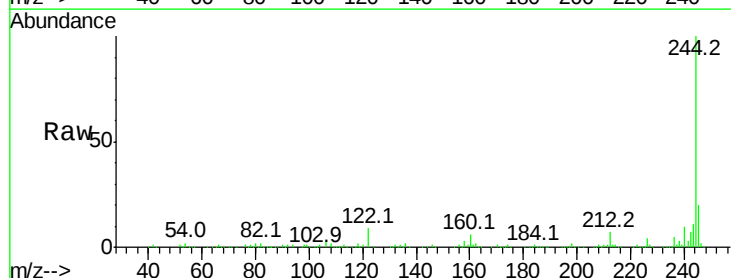
Tgt Ion:244 Resp: 454663

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

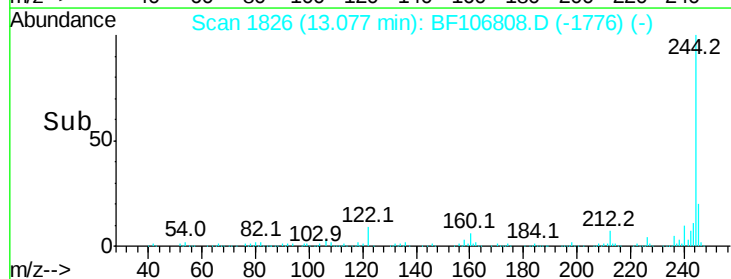
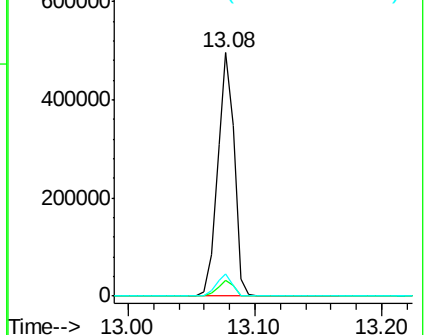
122 8.9 11.0 16.4#

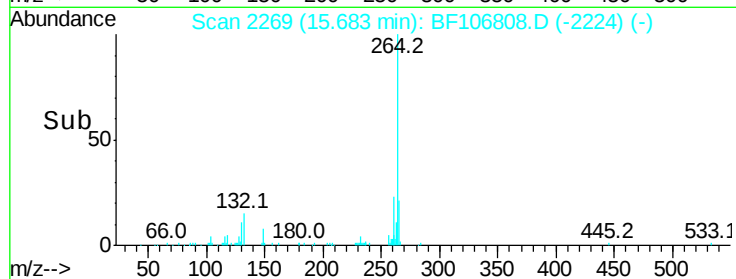
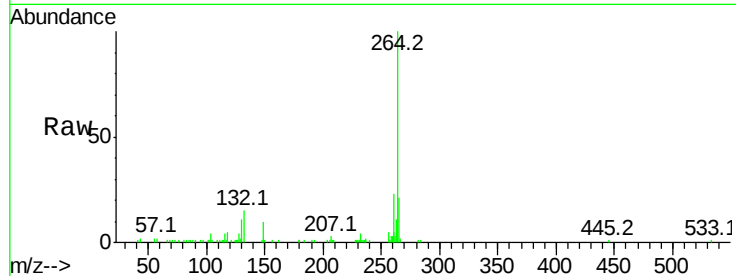
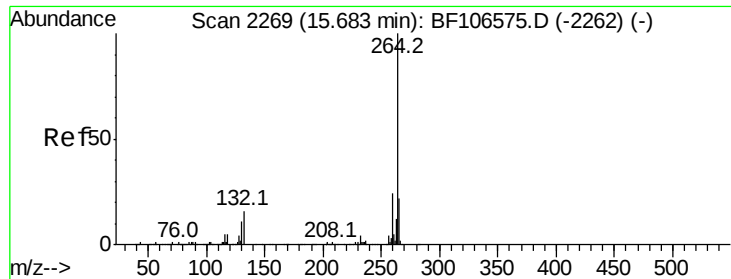


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF106808.D

Acq: 26 Jun 2018 8:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 78457

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 20.9 17.5 26.3

