

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096193.D
 Acq On : 24 Jun 2017 16:42
 Operator : SJ/MA
 Sample : I3851-07 4X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:23:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

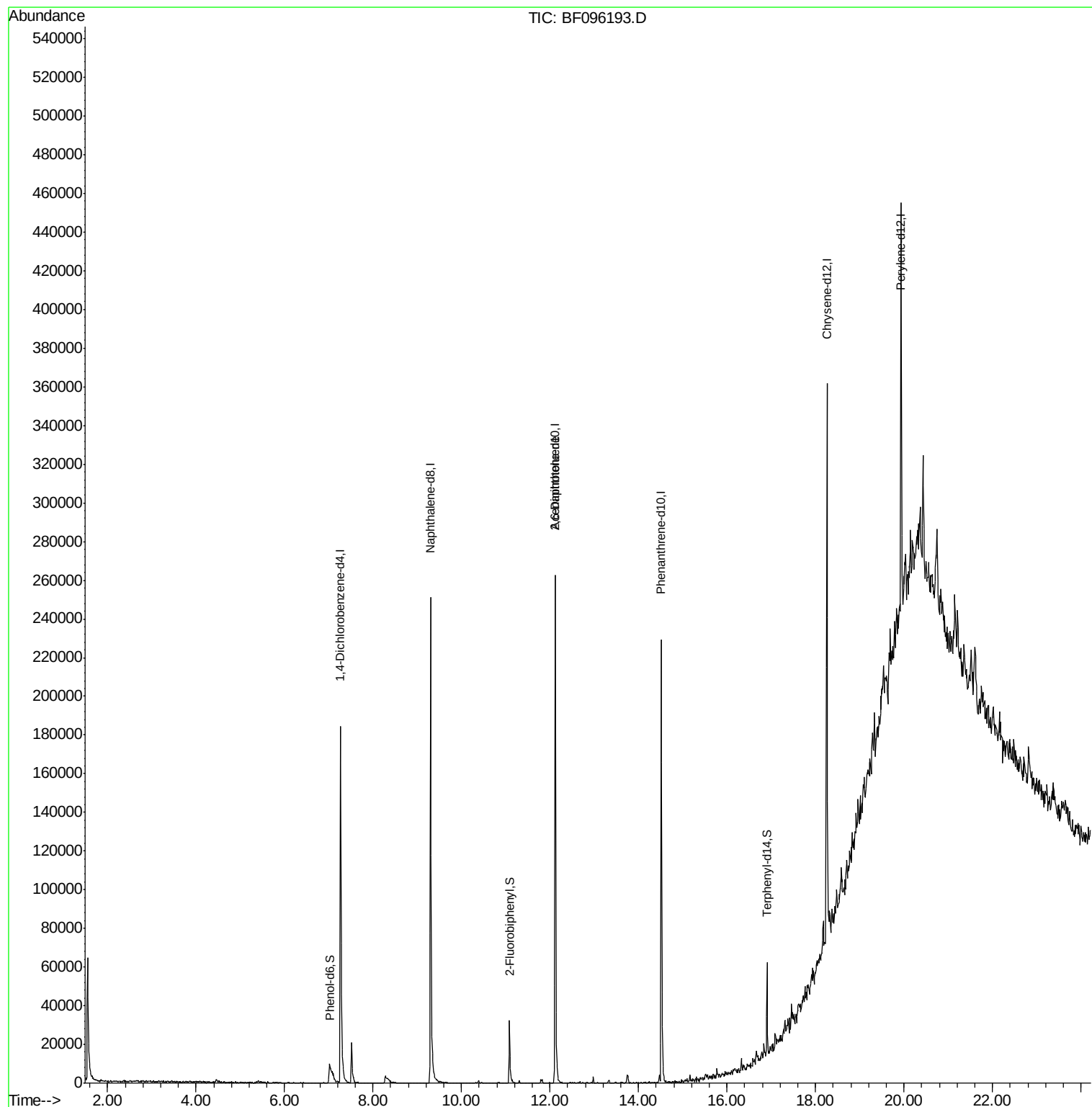
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	57729	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	219867	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	85898	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	139361	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	127515	20.00	ng	-0.02
86) Perylene-d12	19.93	264	91181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	315	0.09	ng	0.19
7) Phenol-d6	7.03	99	9473	2.18	ng	0.15
23) Nitrobenzene-d5	8.27	82	4187	1.18	ng	0.05
41) 2,4,6-Tribromophenol	13.49	330	357	0.47	ng	0.04
44) 2-Fluorobiphenyl	11.09	172	24547	3.98	ng	-0.02
78) Terphenyl-d14	16.90	244	19569	3.81	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	12.12	165	10622	7.47	ng	Qvalue # 31

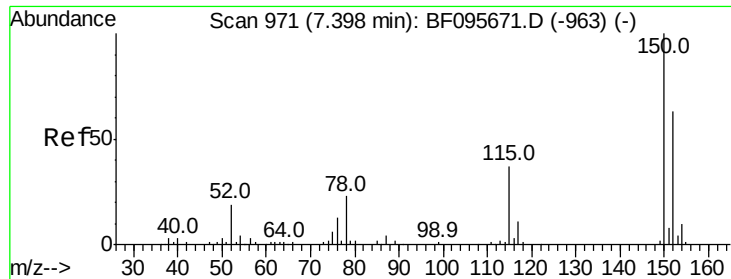
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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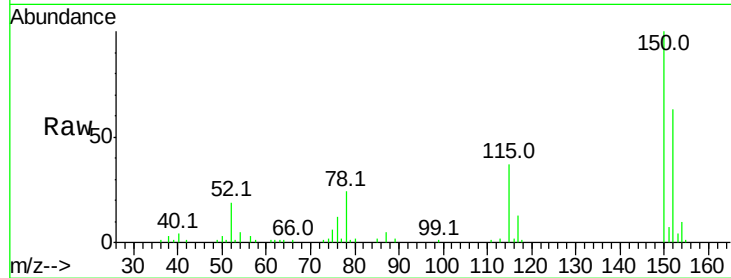


#1

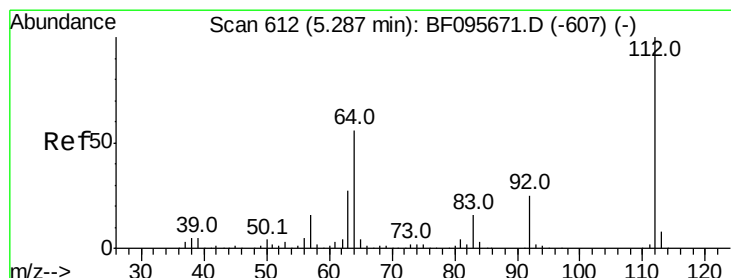
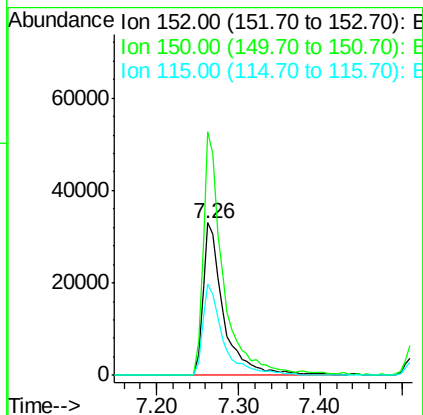
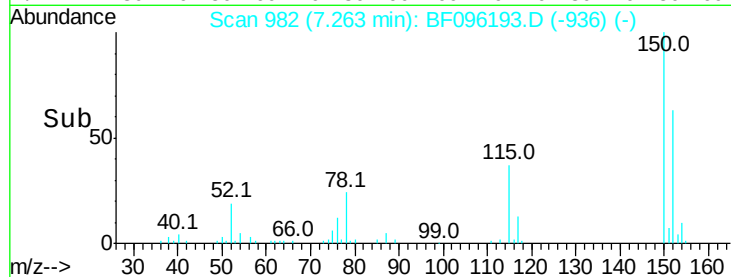
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096193.D
Acq: 24 Jun 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57729
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 59.7 52.2 78.2



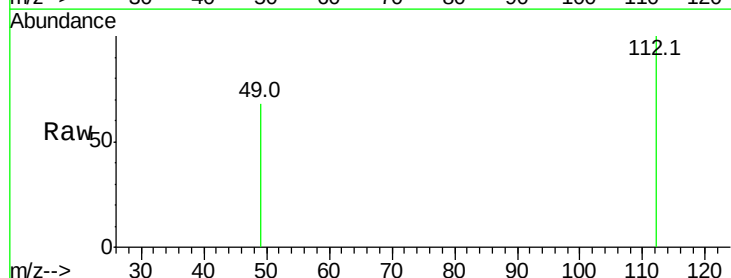
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



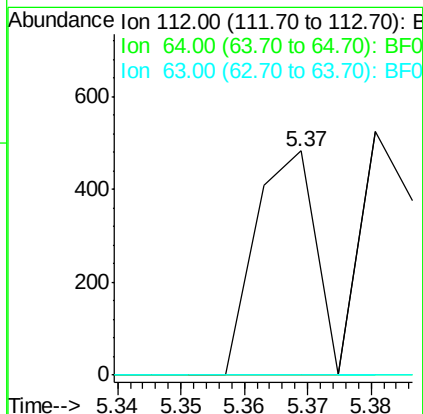
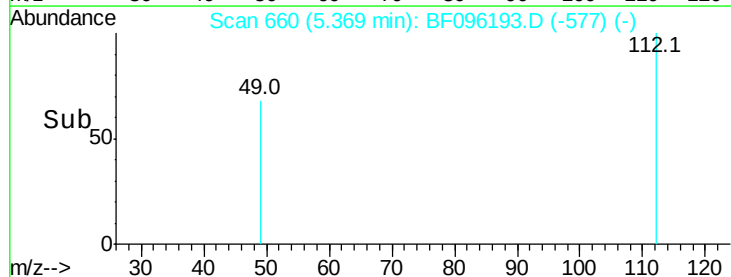
#5

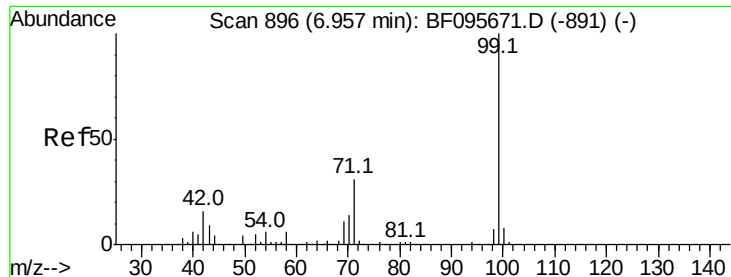
2-Fluorophenol
Concen: 0.09 ng
RT: 5.37 min Scan# 660
Delta R.T. 0.19 min
Lab File: BF096193.D
Acq: 24 Jun 2017 16:42

Tgt Ion:112 Resp: 315
Ion Ratio Lower Upper
112 100
64 0.0 46.0 69.0#
63 0.0 23.4 35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 2.18 ng

RT: 7.03 min Scan# 942

Delta R.T. 0.15 min

Lab File: BF096193.D

Acq: 24 Jun 2017 16:42

Instrument :

BNA_F

ClientSampleId :

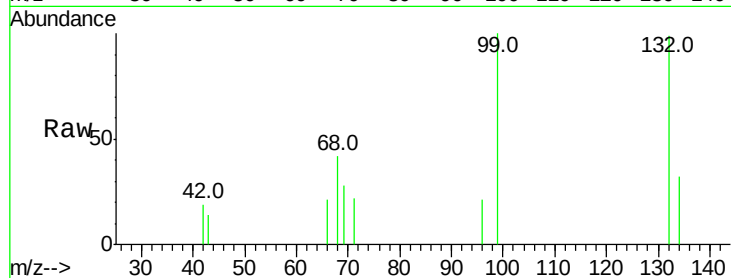
Tot Ion: 99 Resp: 9473

Ion Ratio Lower Upper

99 100

42 19.3 13.5 20.3

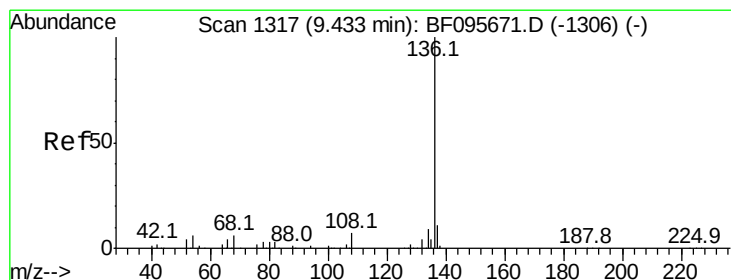
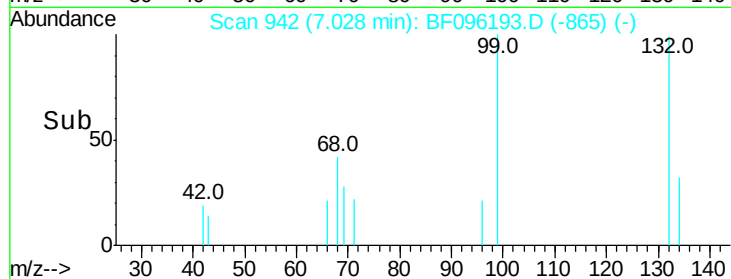
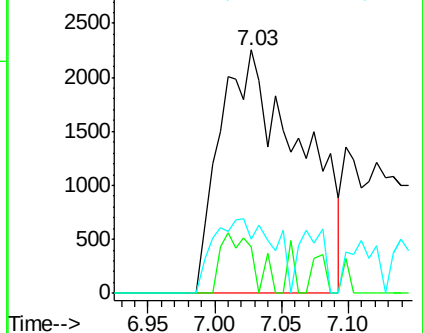
71 22.4 24.5 36.7#



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096193.D

Acq: 24 Jun 2017 16:42

Tgt Ion: 136 Resp: 219867

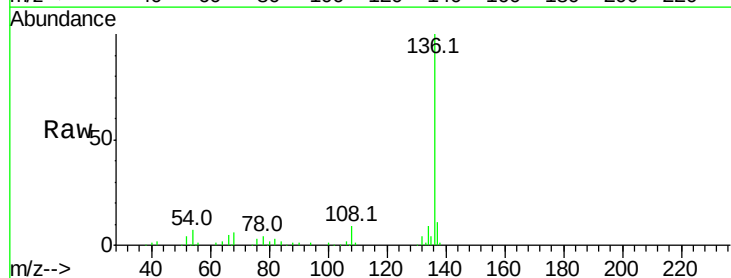
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.7 4.9 7.3

68 5.7 4.1 6.1

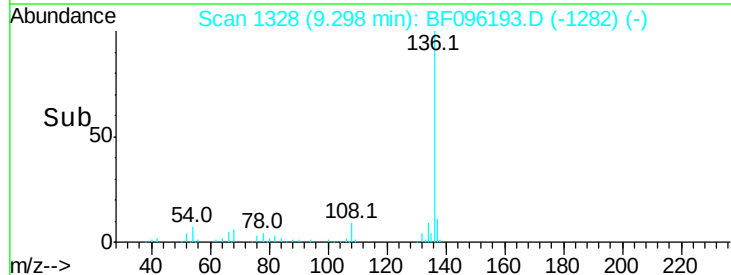
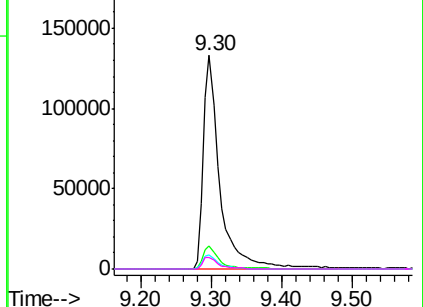


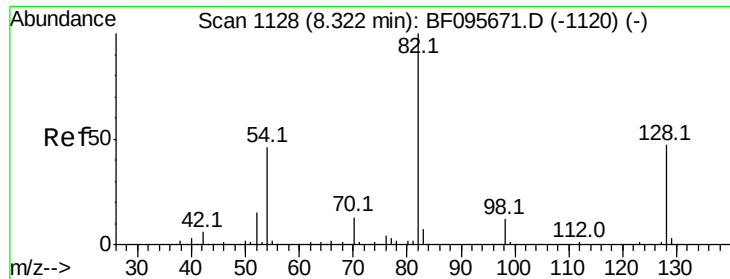
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

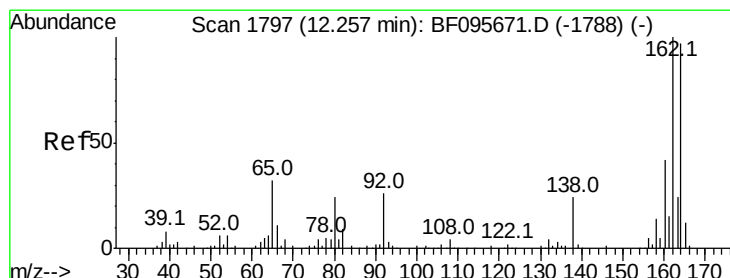
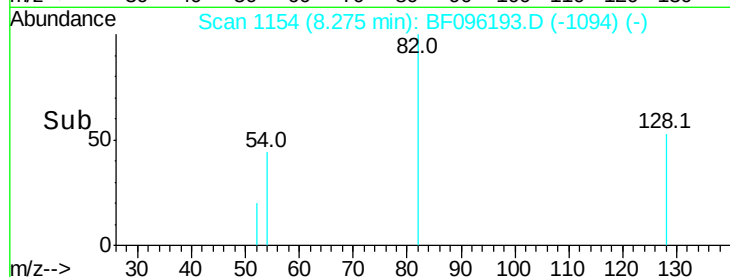
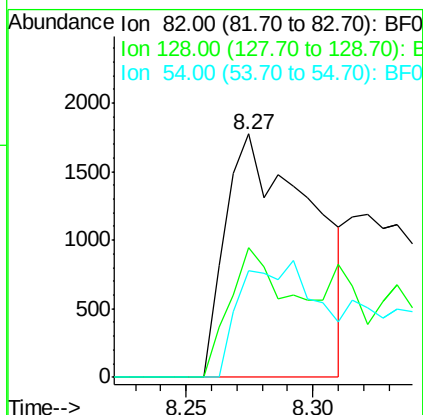
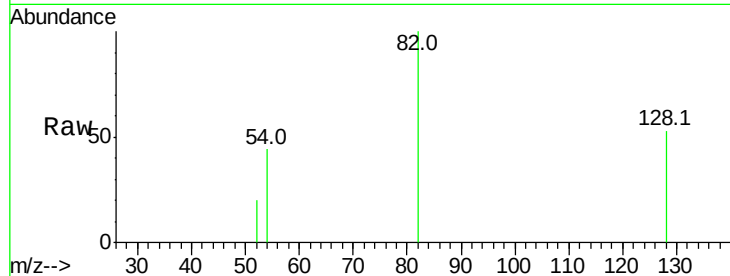




#23
Nitrobenzene-d5
Concen: 1.18 ng
RT: 8.27 min Scan# 1154
Delta R.T. 0.05 min
Lab File: BF096193.D
Acq: 24 Jun 2017 16:42

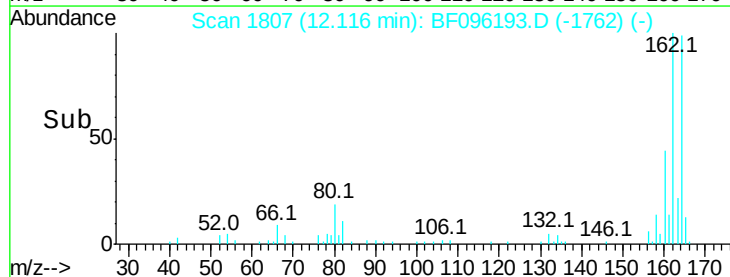
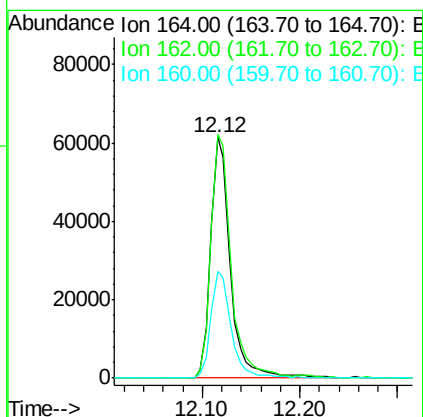
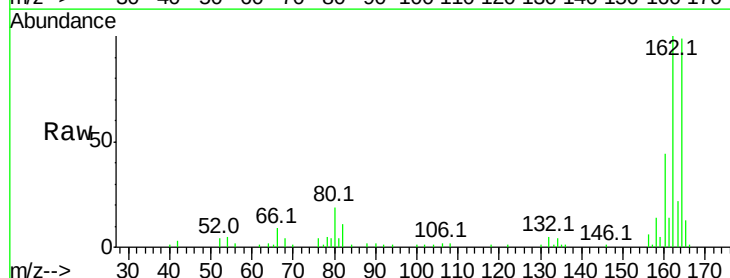
Instrument :
BNA_F
ClientSampleId :

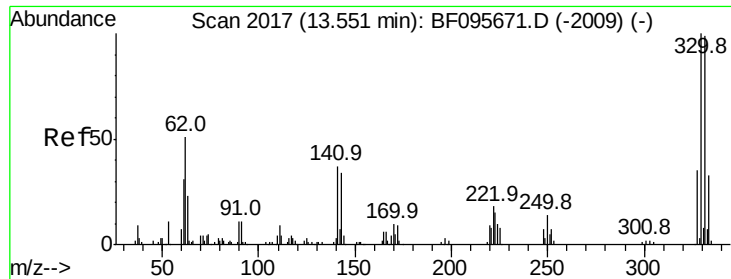
Tot Ion: 82 Resp: 4187
Ion Ratio Lower Upper
82 100
128 53.1 34.0 51.0#
54 43.9 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096193.D
Acq: 24 Jun 2017 16:42

Tgt Ion:164 Resp: 85898
Ion Ratio Lower Upper
164 100
162 101.2 82.6 123.8
160 44.2 36.2 54.2

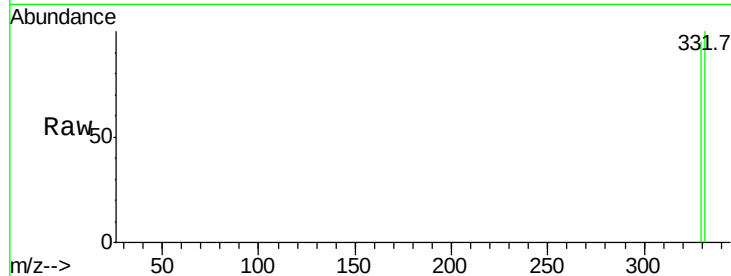




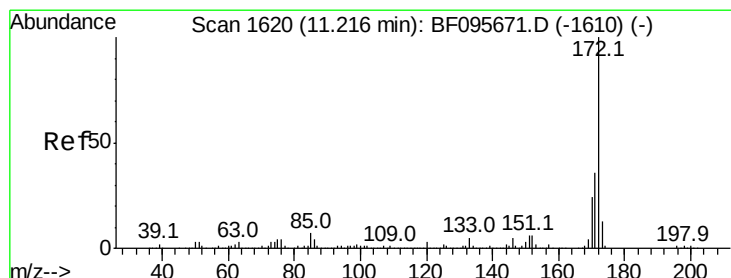
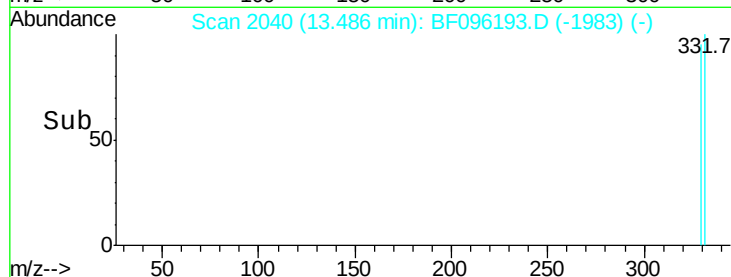
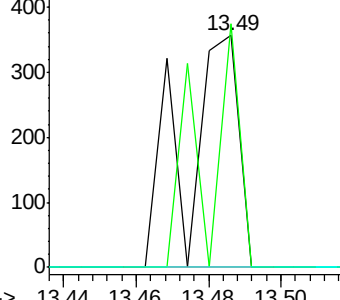
#41
 2,4,6-Tribromophenol
 Concen: 0.47 ng
 RT: 13.49 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF096193.D
 Acq: 24 Jun 2017 16:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 357
 Ion Ratio Lower Upper
 330 100
 332 30.8 76.6 115.0#
 141 0.0 31.4 47.2#

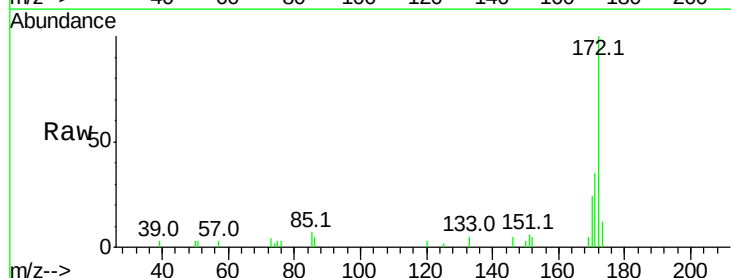


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

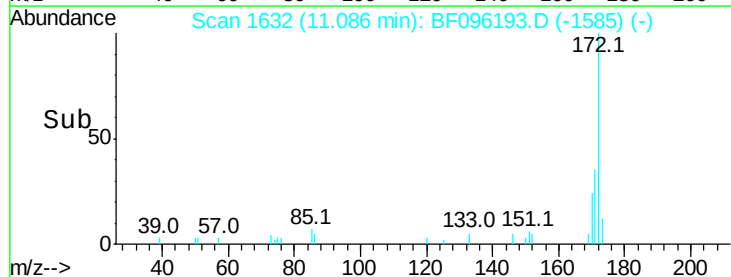
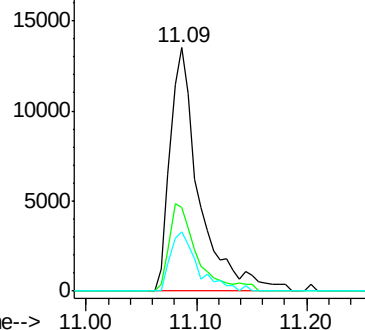


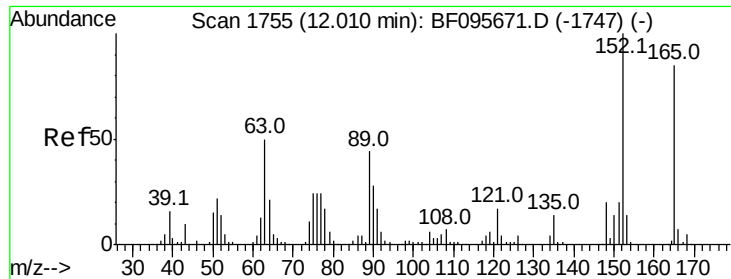
#44
 2-Fluorobiphenyl
 Concen: 3.98 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096193.D
 Acq: 24 Jun 2017 16:42

Tgt Ion:172 Resp: 24547
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.6 44.4
 170 24.2 19.8 29.8



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

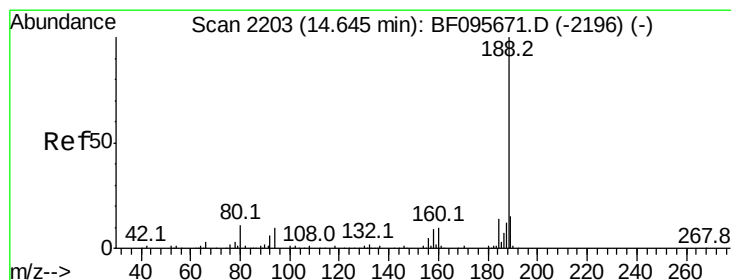
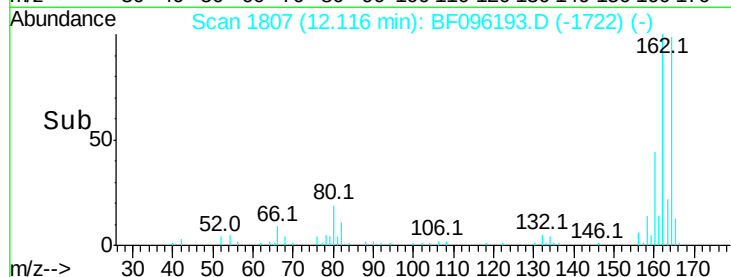
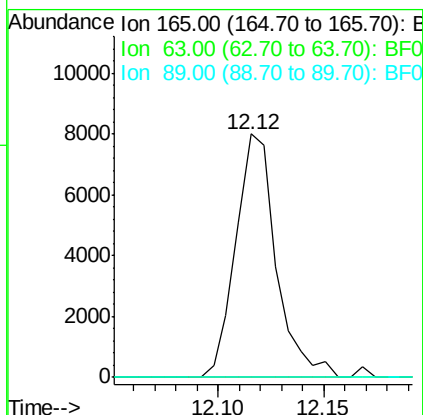
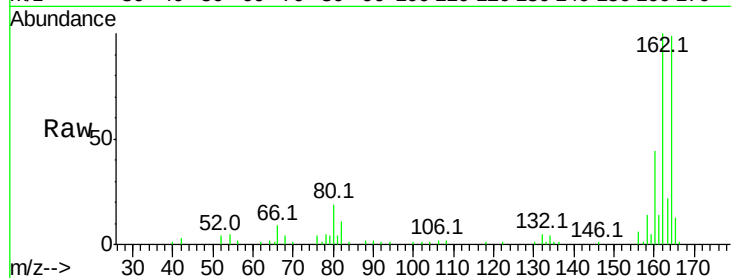




#50
 2,6-Dinitrotoluene
 Concen: 7.47 ng
 RT: 12.12 min Scan# 1807
 Delta R.T. 0.20 min
 Lab File: BF096193.D
 Acq: 24 Jun 2017 16:42

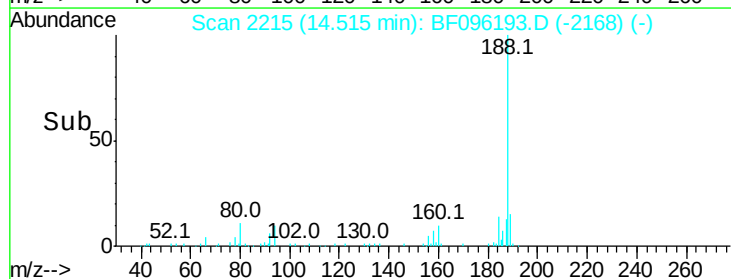
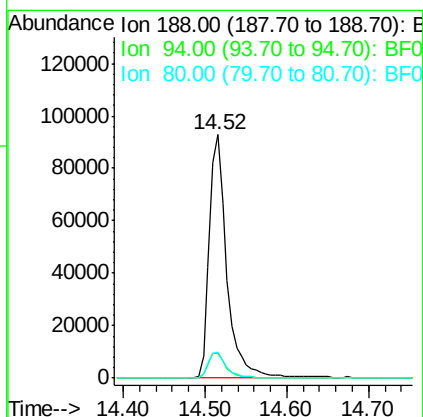
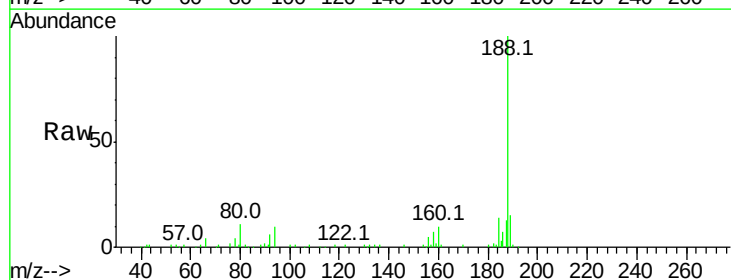
Instrument :
 BNA_F
 ClientSampleId :

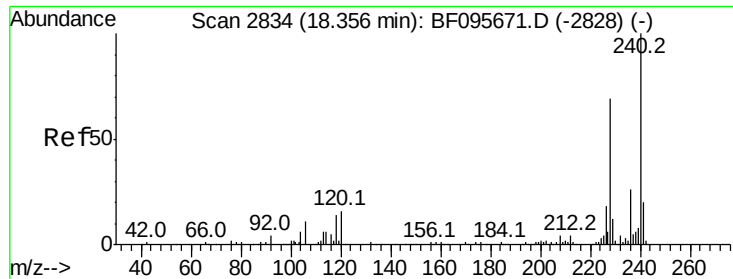
Tot Ion:165 Resp: 10622
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.52 min Scan# 2215
 Delta R.T. -0.02 min
 Lab File: BF096193.D
 Acq: 24 Jun 2017 16:42

Tgt Ion:188 Resp: 139361
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.9 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.26 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BF096193.D

Acq: 24 Jun 2017 16:42

Instrument :

BNA_F

ClientSampled :

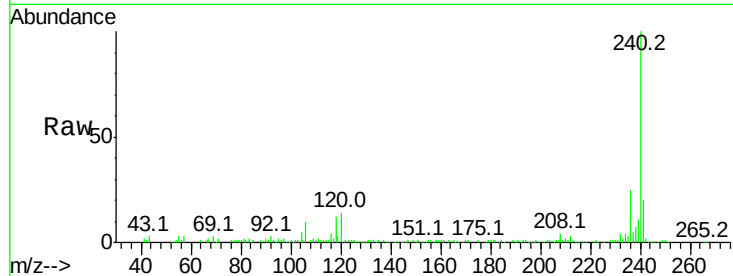
Tot Ion:240 Resp: 127515

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

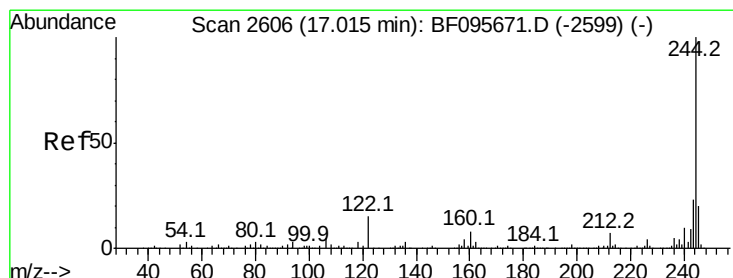
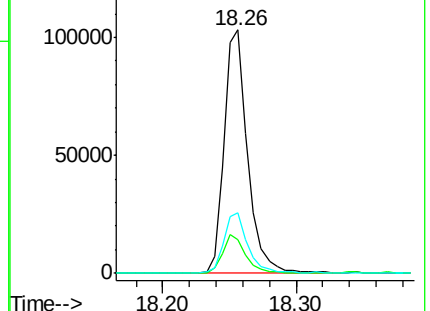
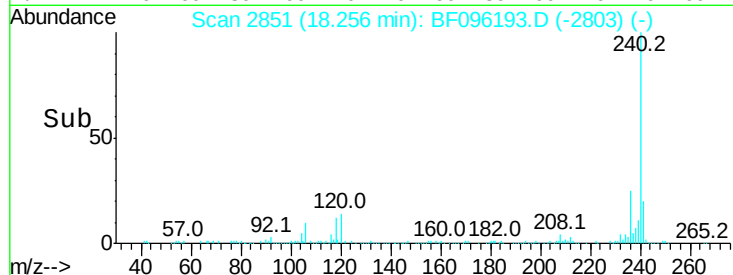
236 24.8 20.5 30.7



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: 3.81 ng

RT: 16.90 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF096193.D

Acq: 24 Jun 2017 16:42

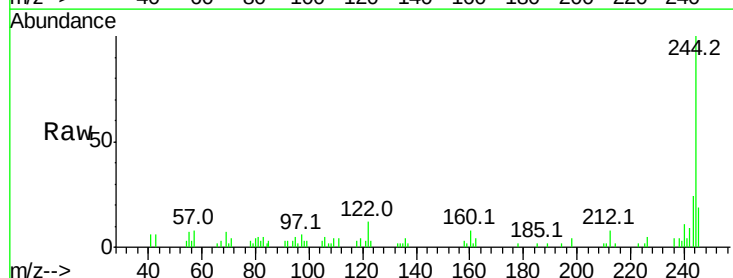
Tgt Ion:244 Resp: 19569

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

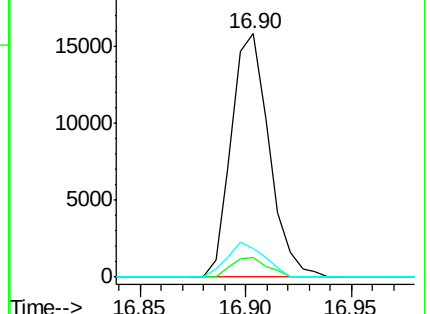
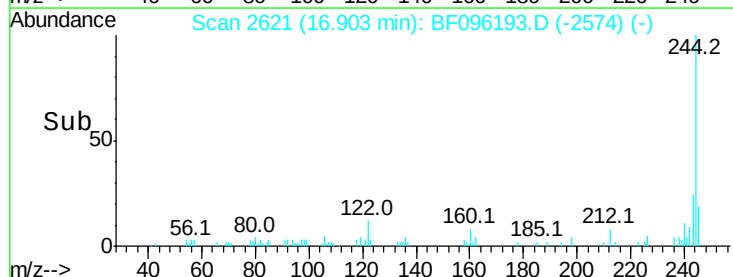
122 11.6 10.3 15.5

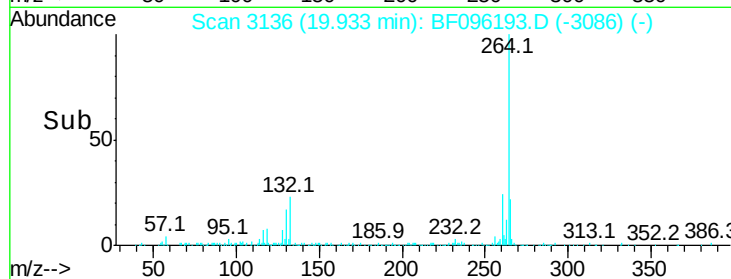
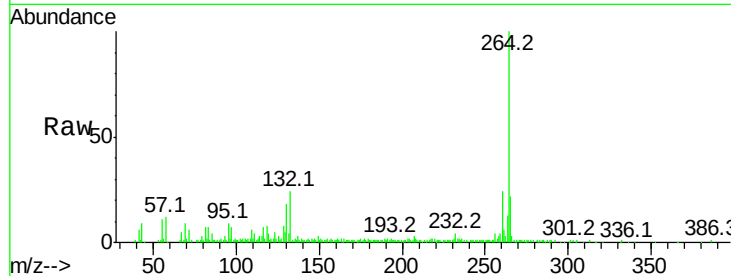
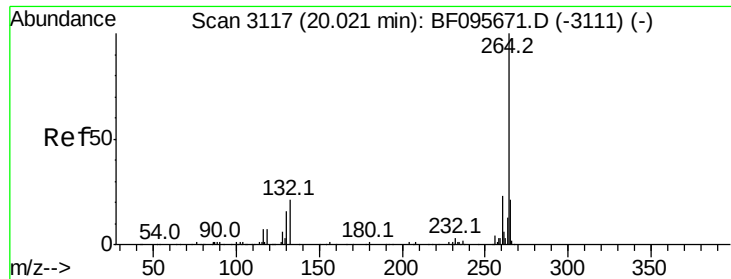


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096193.D
Acq: 24 Jun 2017 16:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	24.2	19.5	29.3	
265	22.1	17.2	25.8	

