

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096145.D
 Acq On : 23 Jun 2017 4:51
 Operator : SJ/MA
 Sample : I3814-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 06:44:42 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

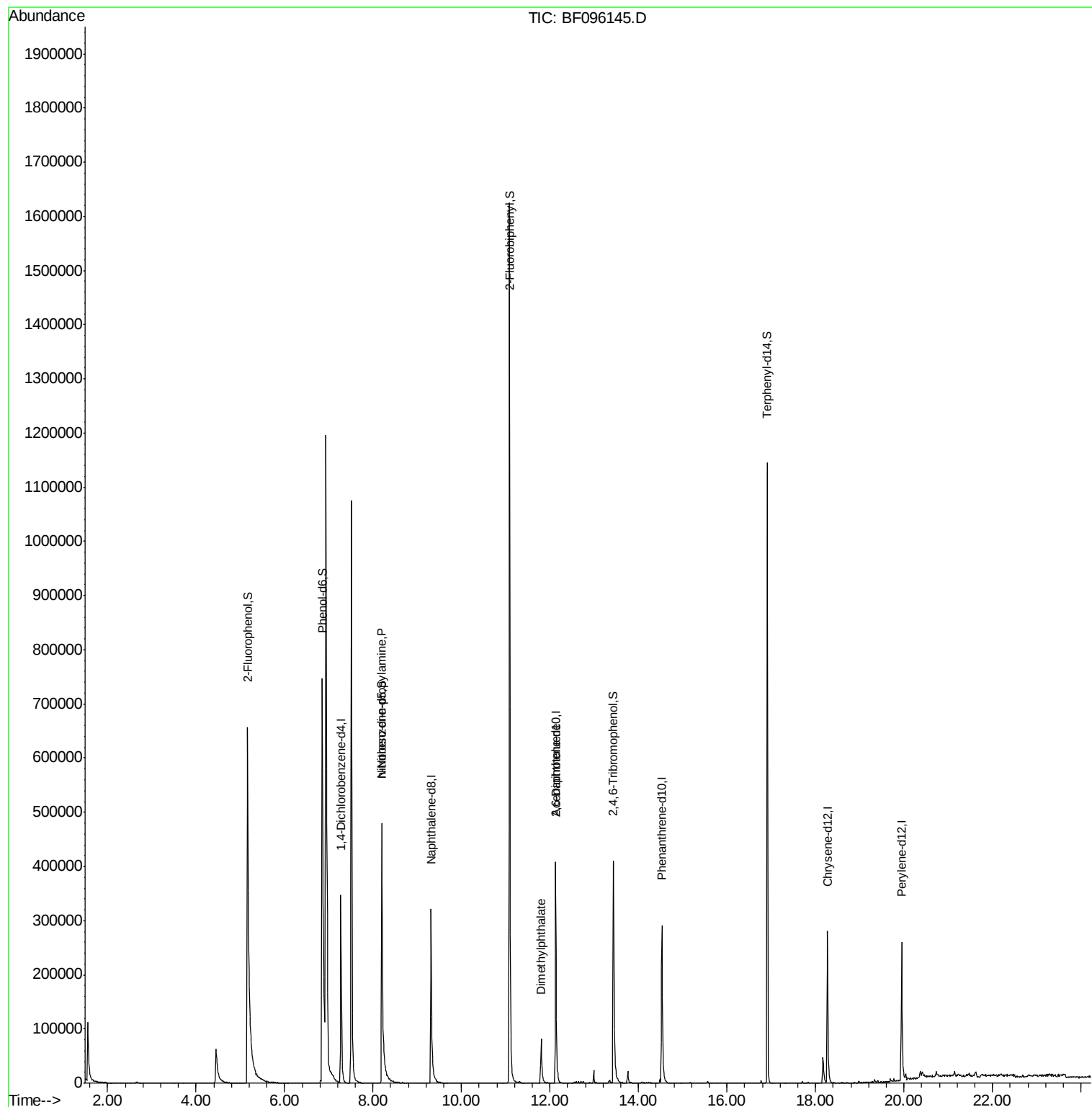
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	88087	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	309814	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	129929	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	202977	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	154435	20.00	ng	0.00
86) Perylene-d12	19.94	264	150833	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	560478	101.39	ng	-0.02
7) Phenol-d6	6.85	99	704677	106.48	ng	-0.02
23) Nitrobenzene-d5	8.20	82	322033	64.55	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	97806	85.08	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	795860	85.24	ng	-0.02
78) Terphenyl-d14	16.91	244	443253	71.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.20	70	39675	9.46	ng	# 76
49) Dimethylphthalate	11.80	163	84413	8.56	ng	97
50) 2,6-Dinitrotoluene	12.13	165	16531	7.68	ng	# 31

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

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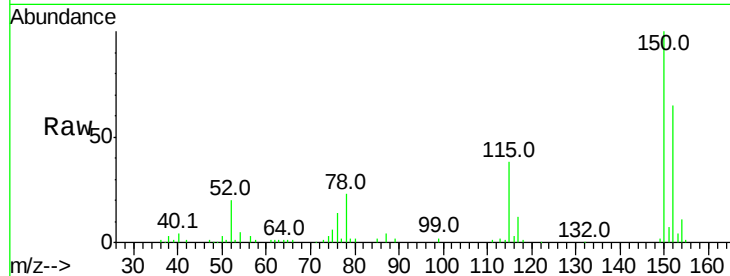


#1

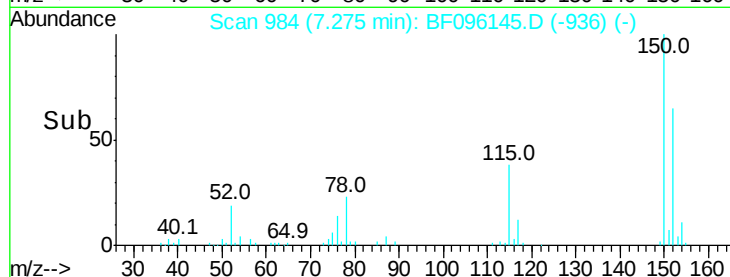
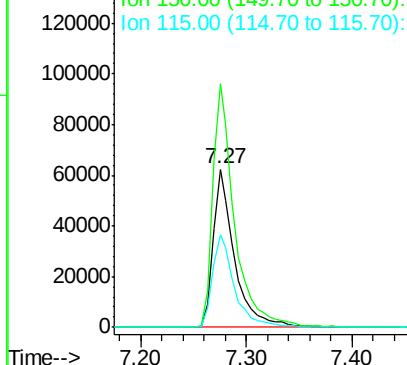
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096145.D
Acq: 23 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88087
Ion Ratio Lower Upper
152 100
150 154.1 126.2 189.2
115 58.8 52.2 78.2



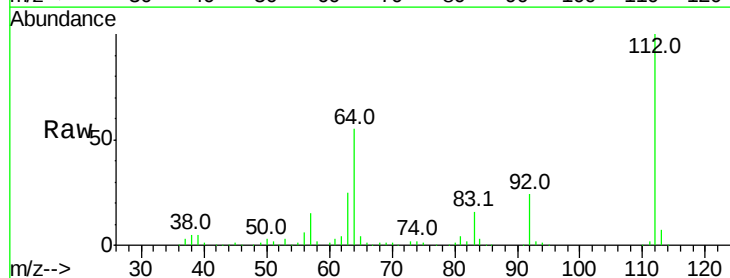
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



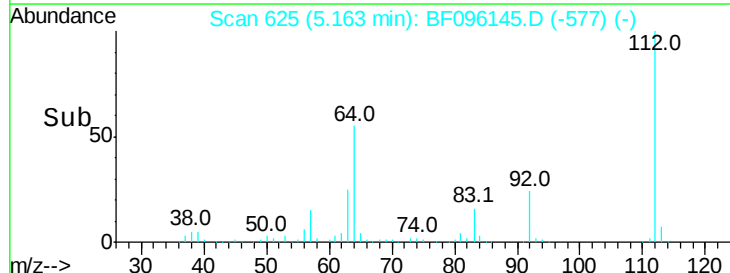
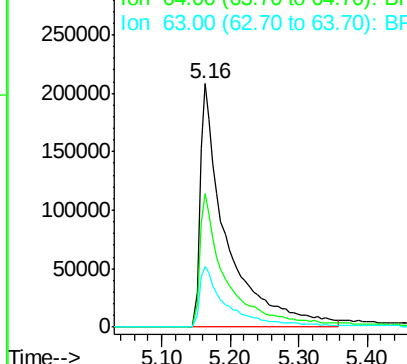
#5

2-Fluorophenol
Concen: 101.39 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096145.D
Acq: 23 Jun 2017 4:51

Tgt Ion:112 Resp: 560478
Ion Ratio Lower Upper
112 100
64 55.0 46.0 69.0
63 25.1 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: 106.48 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

Instrument :

BNA_F

ClientSampleId :

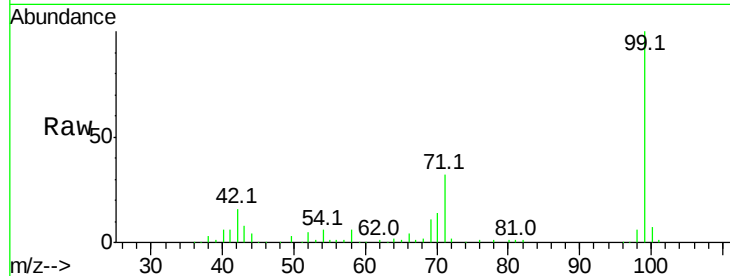
Tot Ion: 99 Resp: 704677

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

71 31.5 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

6.85

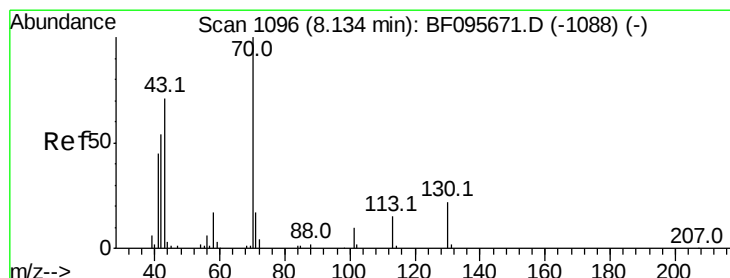
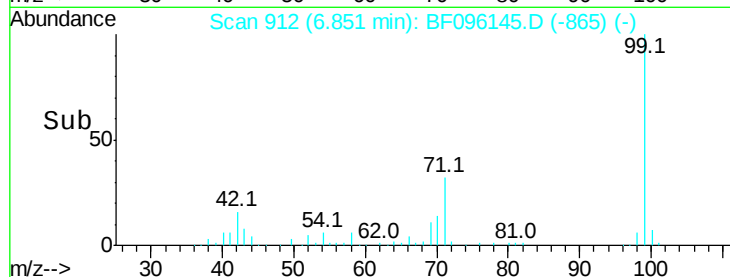
300000

200000

100000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 9.46 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

Tgt Ion: 70 Resp: 39675

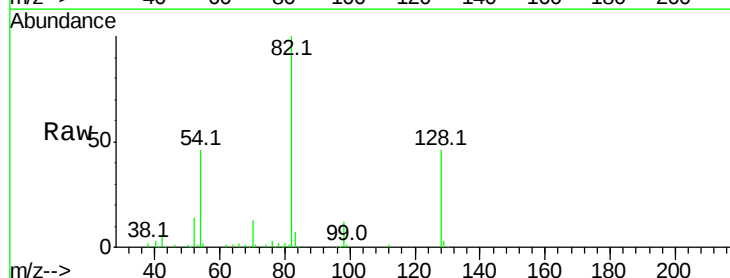
Ion Ratio Lower Upper

70 100

42 44.5 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

8.20

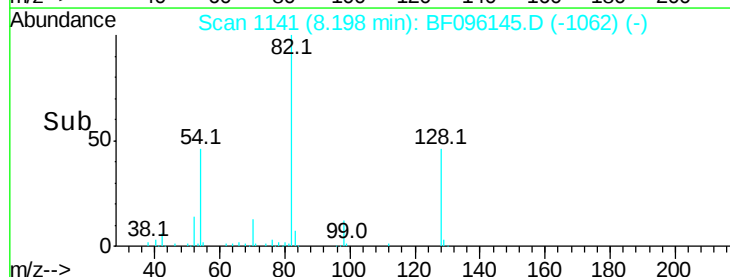
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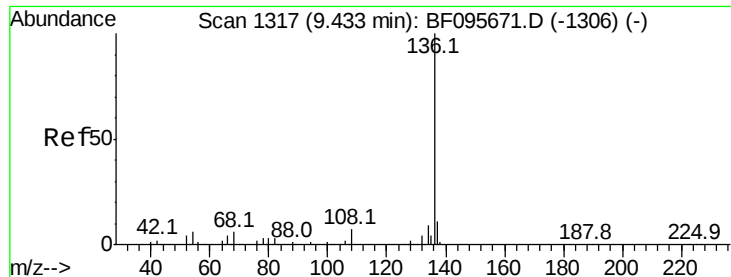
20000

10000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 309814

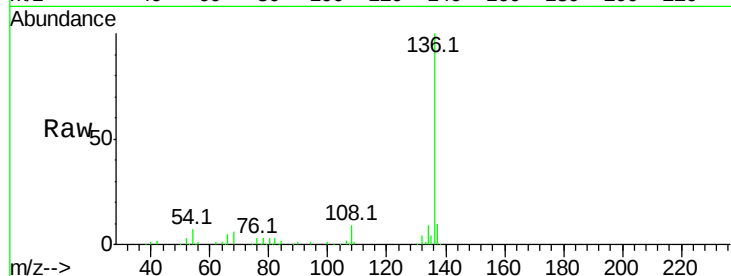
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.3 4.9 7.3#

68 5.7 4.1 6.1

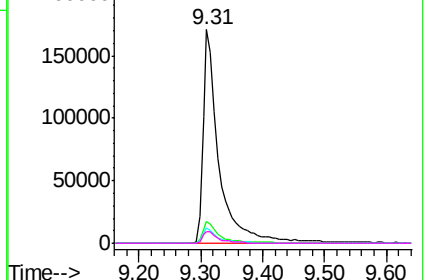
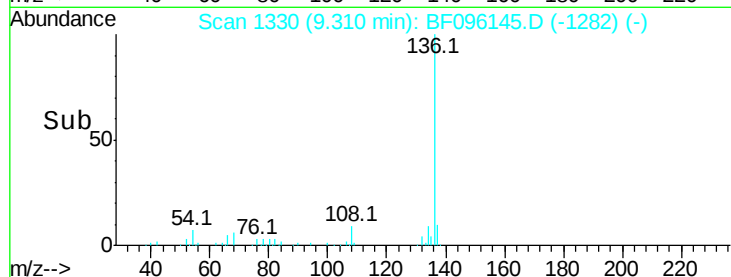


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.55 ng

RT: 8.20 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

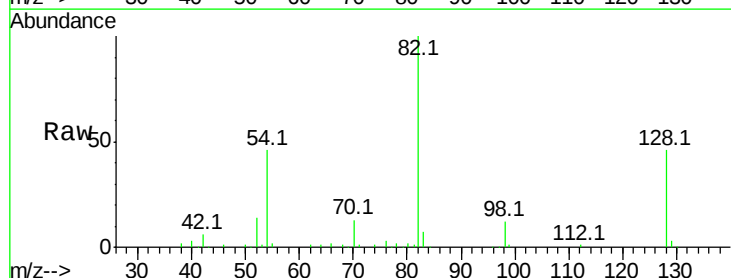
Tgt Ion: 82 Resp: 322033

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

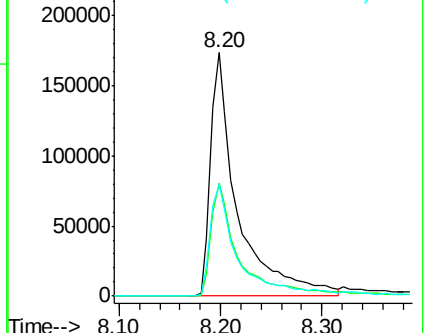
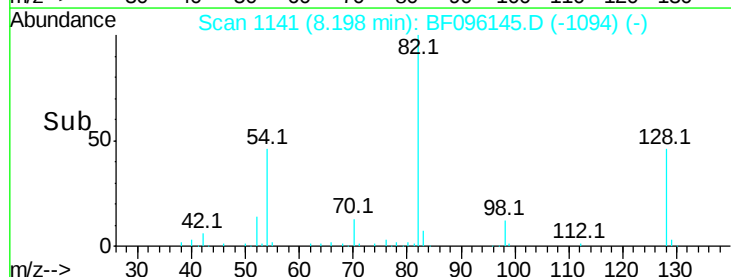
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

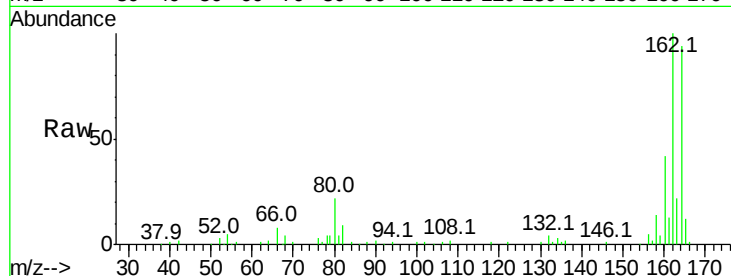




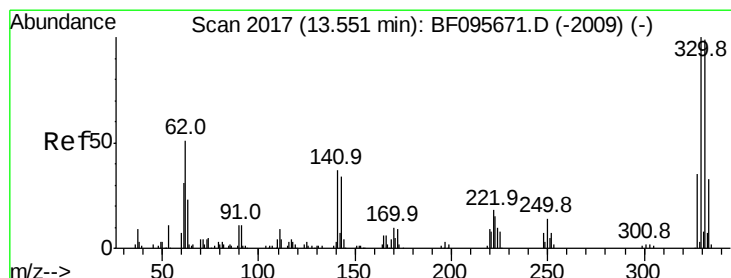
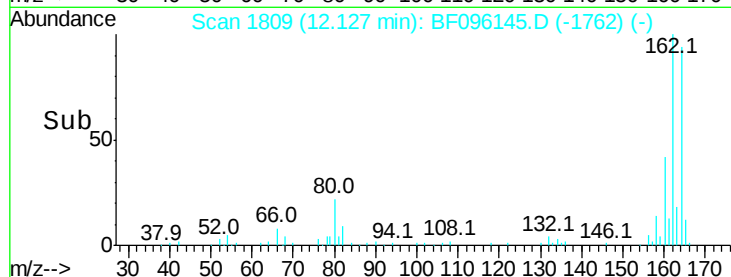
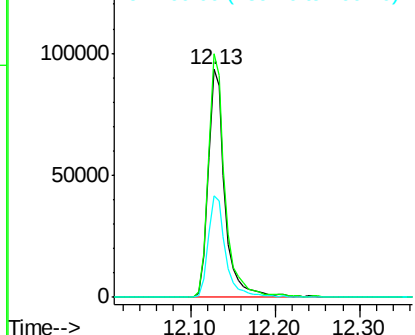
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096145.D
 Acq: 23 Jun 2017 4:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 129929
 Ion Ratio Lower Upper
 164 100
 162 106.7 82.6 123.8
 160 44.5 36.2 54.2

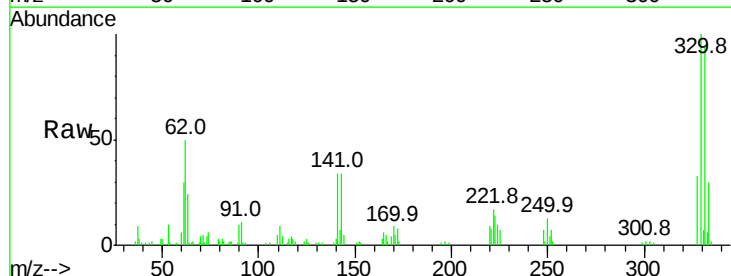


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

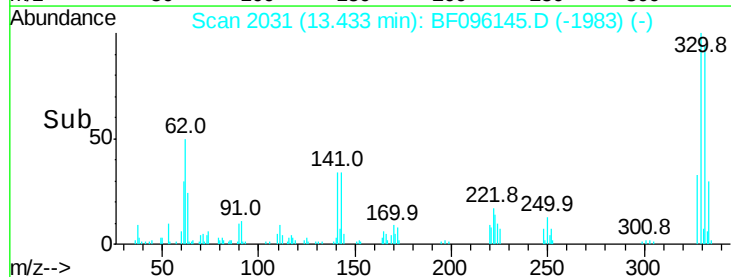
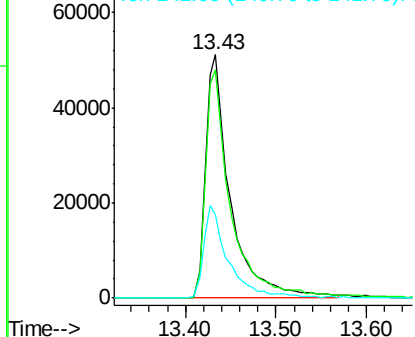


#41
 2,4,6-Tribromophenol
 Concen: 85.08 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096145.D
 Acq: 23 Jun 2017 4:51

Tgt Ion:330 Resp: 97806
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 115.0
 141 37.6 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

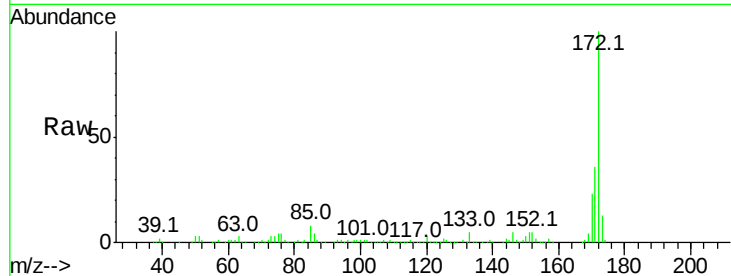




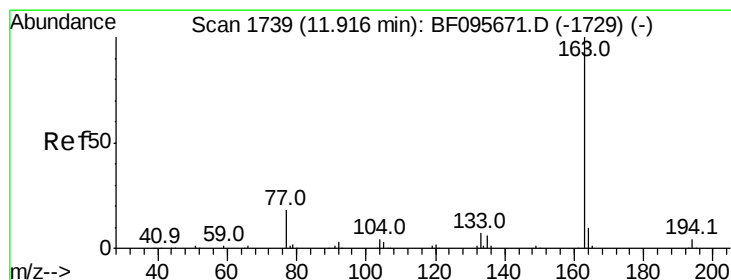
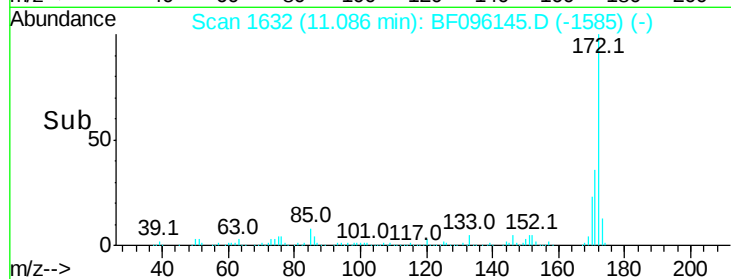
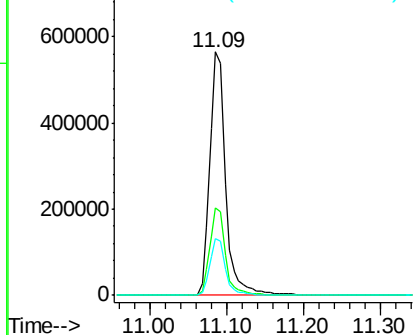
#44
2-Fluorobiphenyl
Concen: 85.24 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096145.D
Acq: 23 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 795860
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.5 19.8 29.8

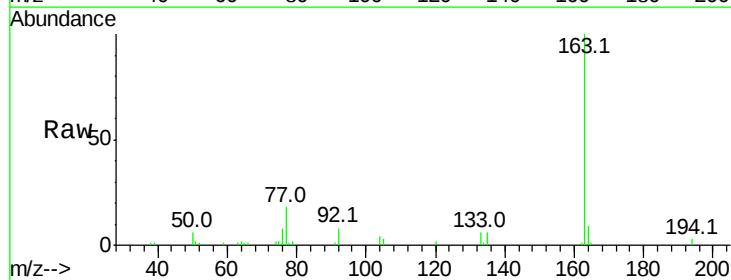


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

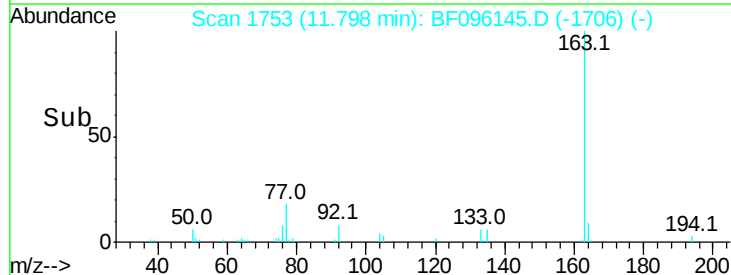
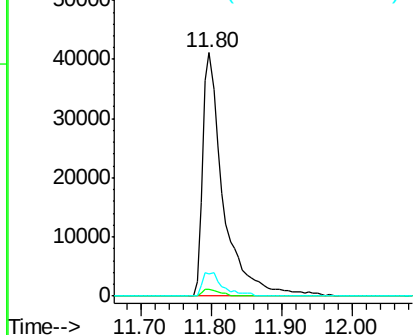


#49
Dimethylphthalate
Concen: 8.56 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096145.D
Acq: 23 Jun 2017 4:51

Tgt Ion:163 Resp: 84413
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.3 8.4 12.6



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

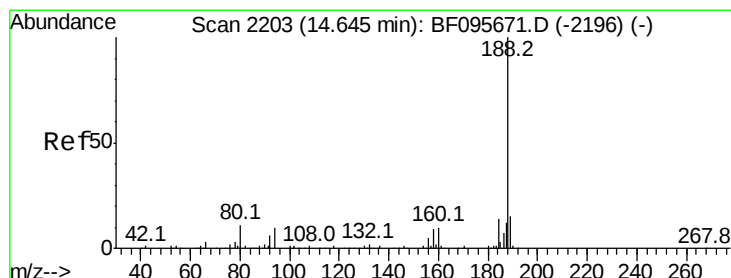
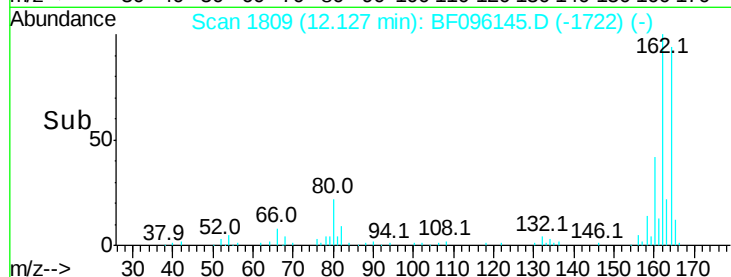
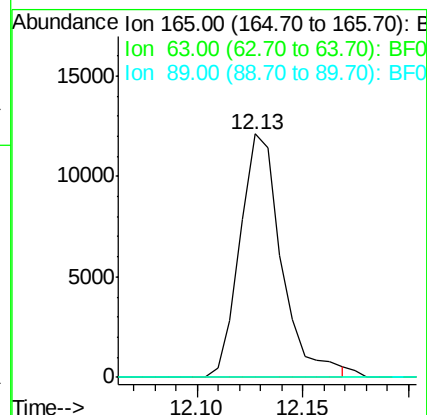
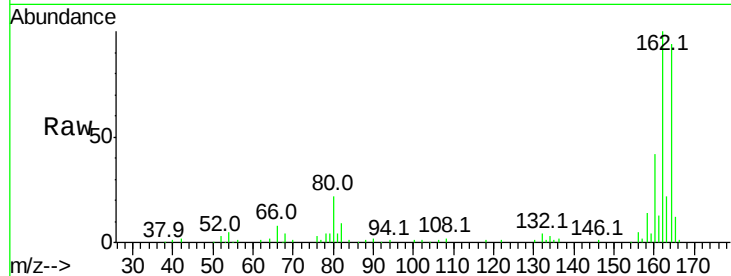




#50
 2,6-Dinitrotoluene
 Concen: 7.68 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. 0.21 min
 Lab File: BF096145.D
 Acq: 23 Jun 2017 4:51

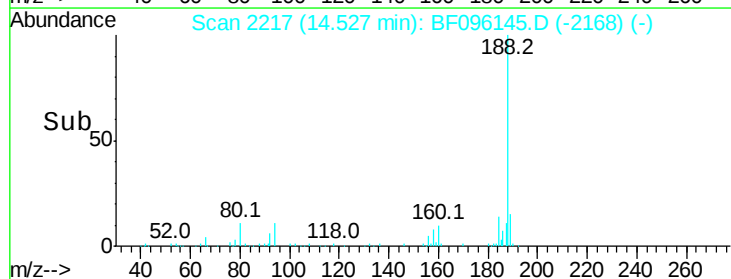
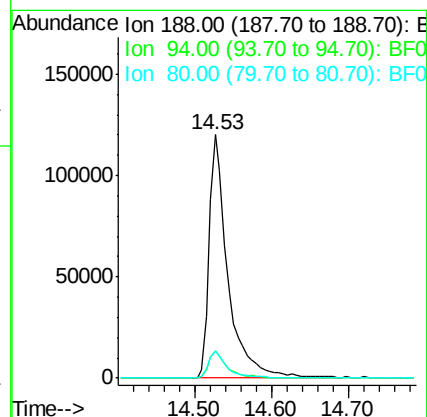
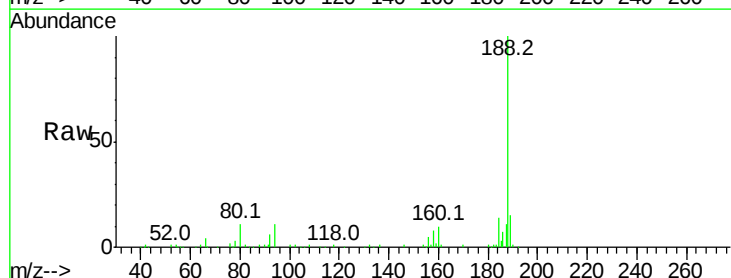
Instrument :
 BNA_F
 ClientSampleId :

Tot 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: 14.53 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096145.D
 Acq: 23 Jun 2017 4:51

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.1	10.2	15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

Instrument :

BNA_F

ClientSampleId :

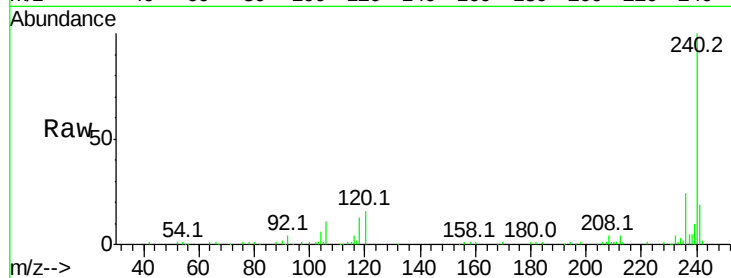
Tot Ion:240 Resp: 154435

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

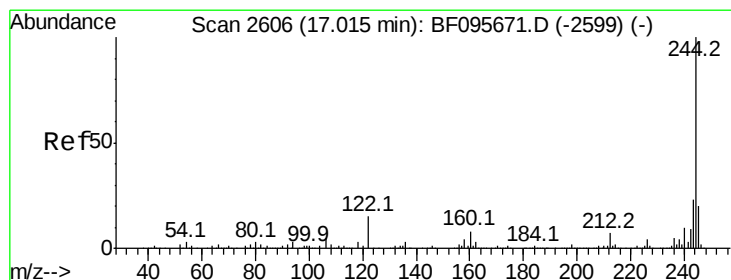
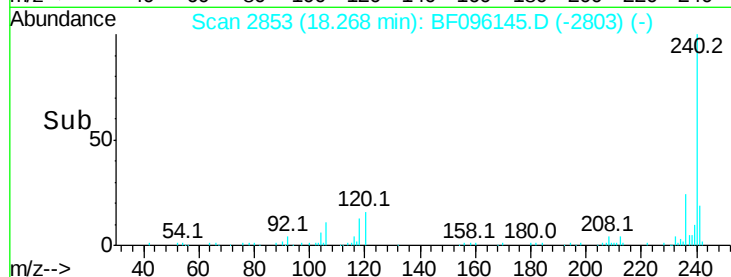
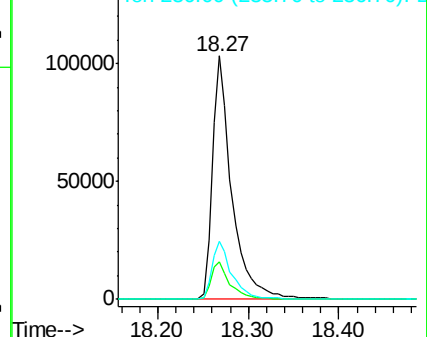
236 24.0 20.5 30.7



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: 71.23 ng

RT: 16.91 min Scan# 2622

Delta R.T. -0.02 min

Lab File: BF096145.D

Acq: 23 Jun 2017 4:51

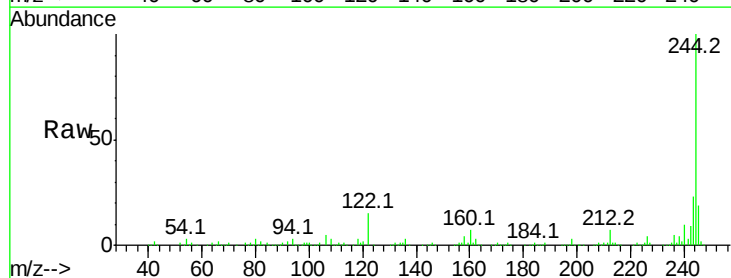
Tgt Ion:244 Resp: 443253

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

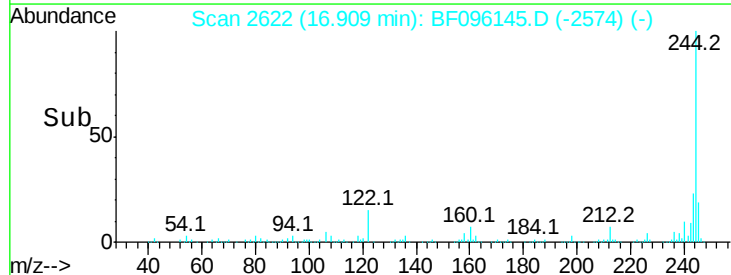
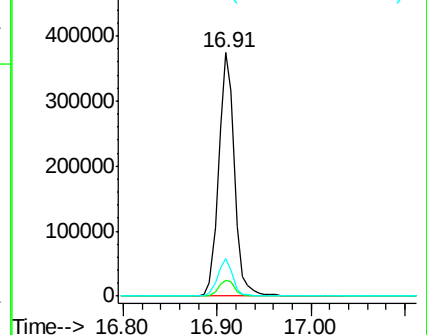
122 15.3 10.3 15.5

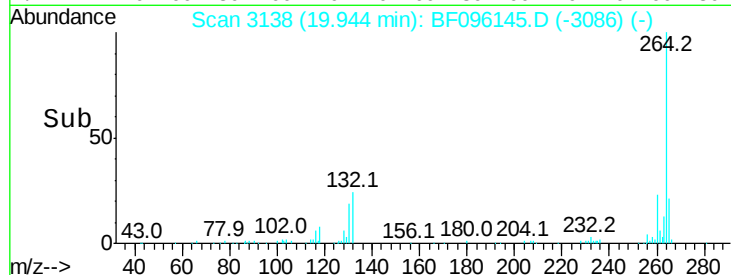
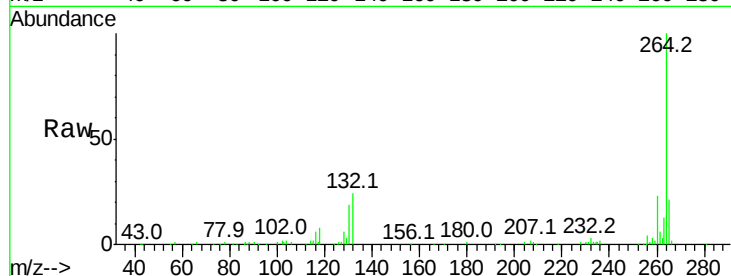
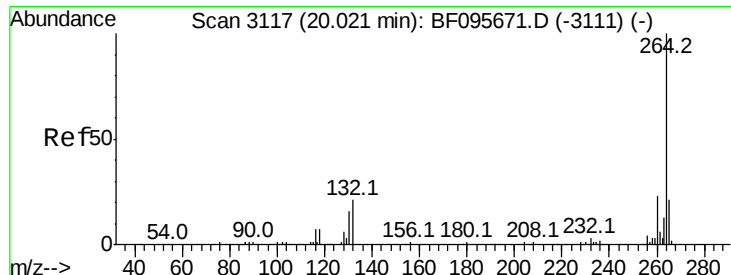


Abundance Ion 244.00 (243.70 to 244.70): E

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: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096145.D
Acq: 23 Jun 2017 4:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	150833
Ion Ratio	Lower	Upper	
264	100		
260	22.9	19.5	29.3
265	21.0	17.2	25.8

