

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096147.D
 Acq On : 23 Jun 2017 5:55
 Operator : SJ/MA
 Sample : I3816-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 06:45:07 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

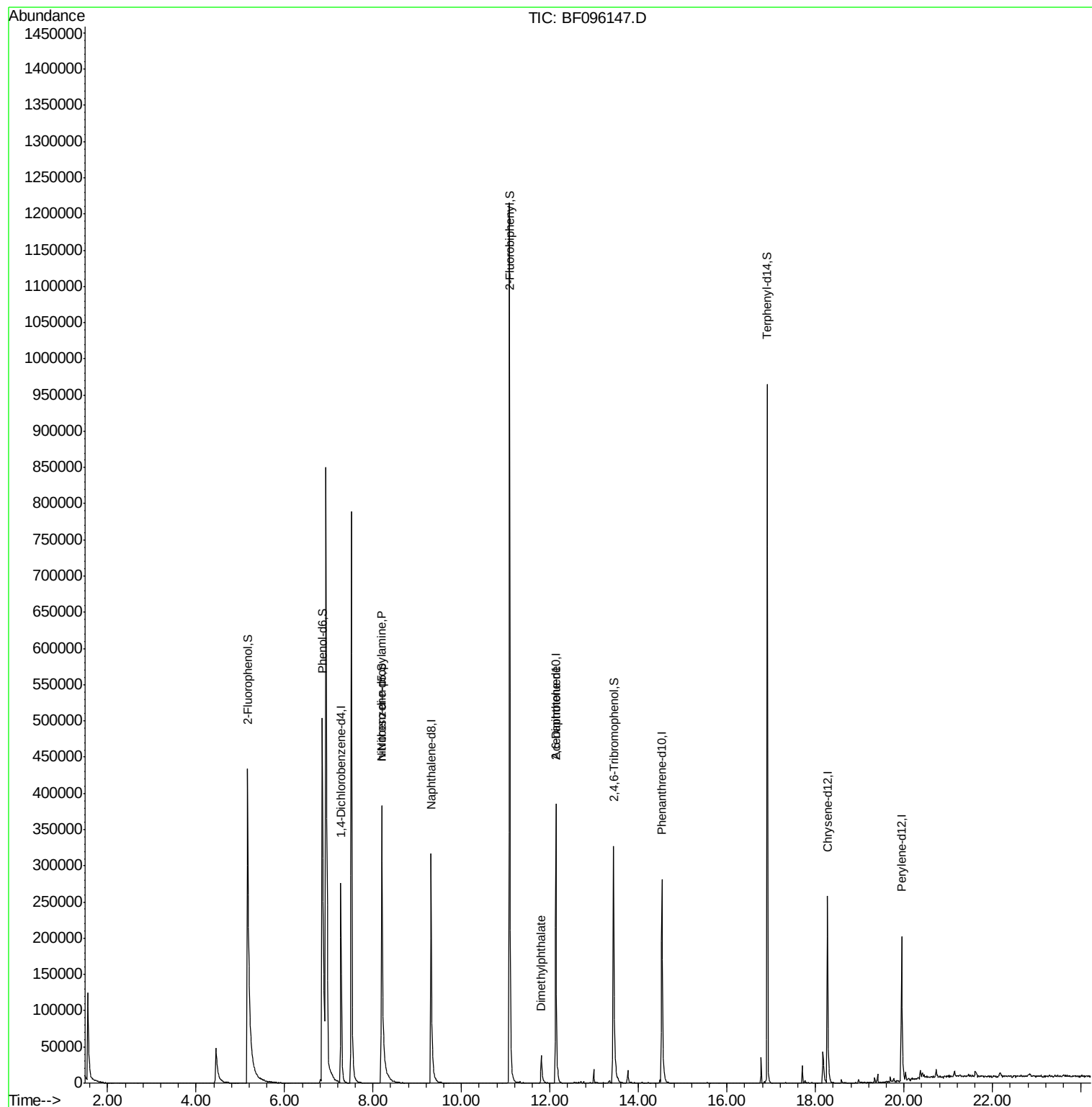
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	75682	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	298890	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	125792	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	198138	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	147489	20.00	ng	0.00
86) Perylene-d12	19.94	264	125335	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	422270	88.91	ng	-0.02
7) Phenol-d6	6.85	99	524031	92.16	ng	-0.02
23) Nitrobenzene-d5	8.20	82	287057	59.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	80656	72.47	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	607976	67.26	ng	-0.02
78) Terphenyl-d14	16.91	244	388217	65.32	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.20	70	33604	9.33	ng	# 77
49) Dimethylphthalate	11.80	163	42650	4.47	ng	# 94
50) 2,6-Dinitrotoluene	12.13	165	15785	7.58	ng	# 31

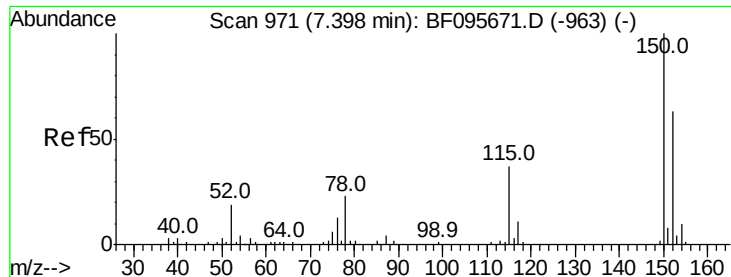
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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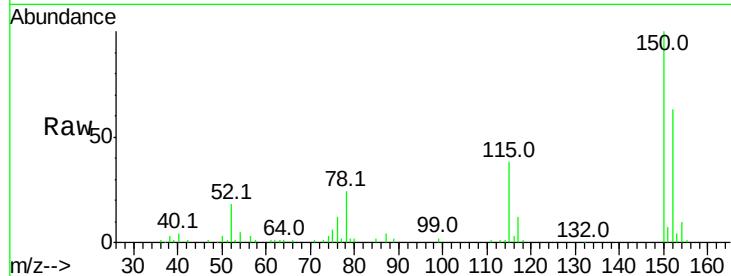


#1

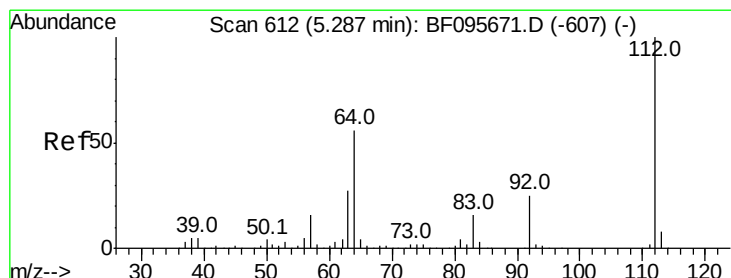
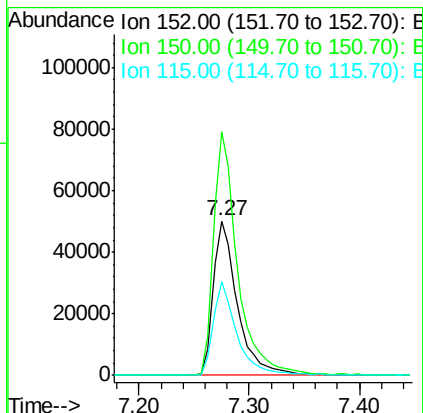
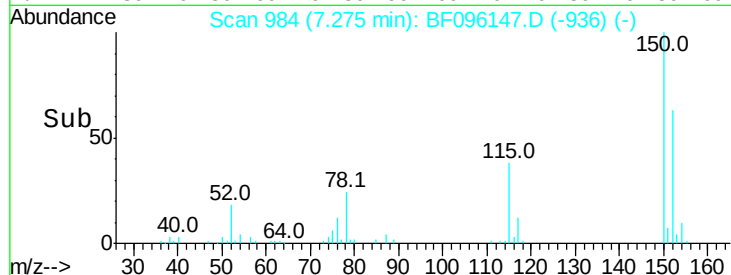
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.27 min Scan# 984
 Delta R.T. -0.02 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 75682
 Ion Ratio Lower Upper
 152 100
 150 157.9 126.2 189.2
 115 60.5 52.2 78.2



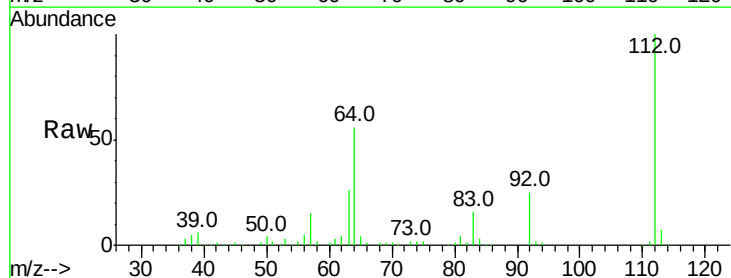
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



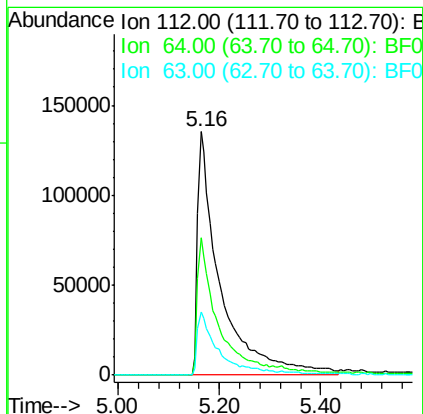
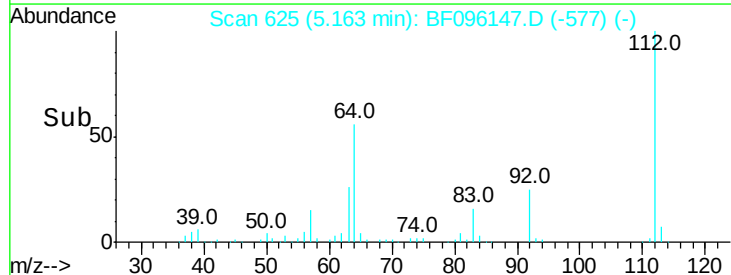
#5

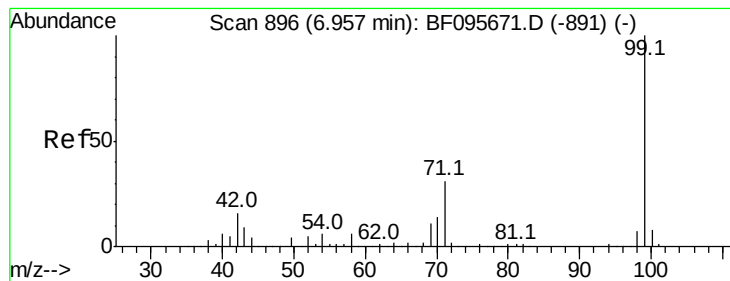
2-Fluorophenol
 Concen: 88.91 ng
 RT: 5.16 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Tgt Ion:112 Resp: 422270
 Ion Ratio Lower Upper
 112 100
 64 56.3 46.0 69.0
 63 26.0 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: 92.16 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096147.D

Acq: 23 Jun 2017 5:55

Instrument :

BNA_F

ClientSampleId :

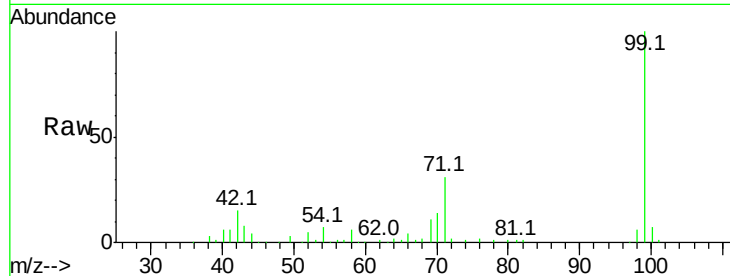
Tot Ion: 99 Resp: 524031

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

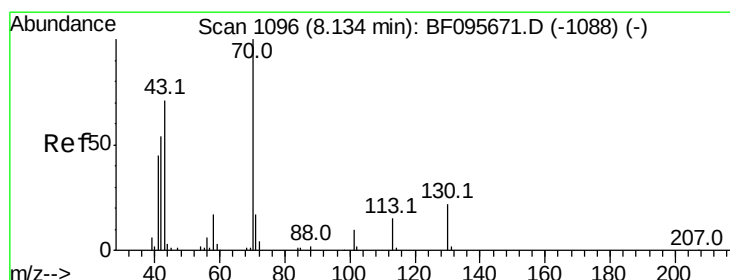
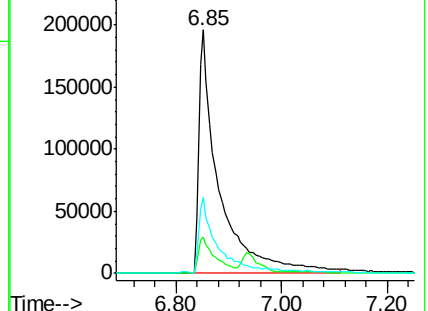
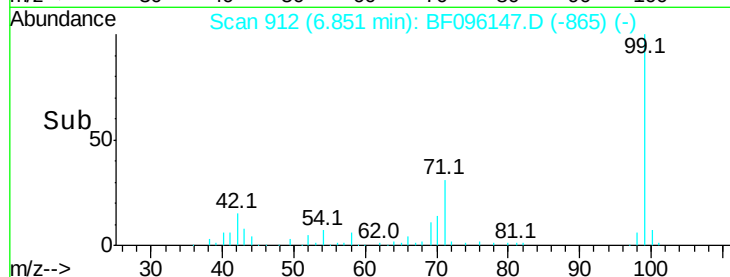
71 31.0 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.33 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096147.D

Acq: 23 Jun 2017 5:55

Tgt Ion: 70 Resp: 33604

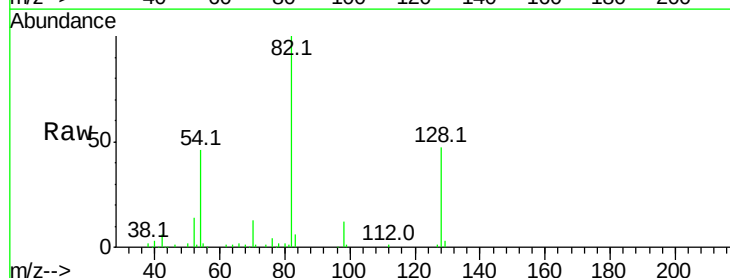
Ion Ratio Lower Upper

70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#

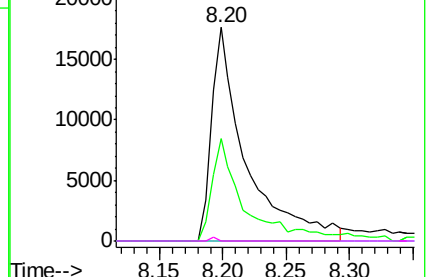
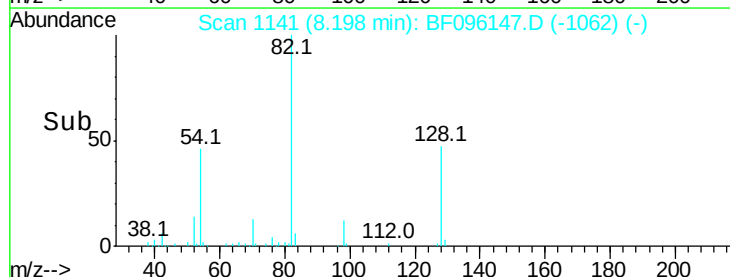


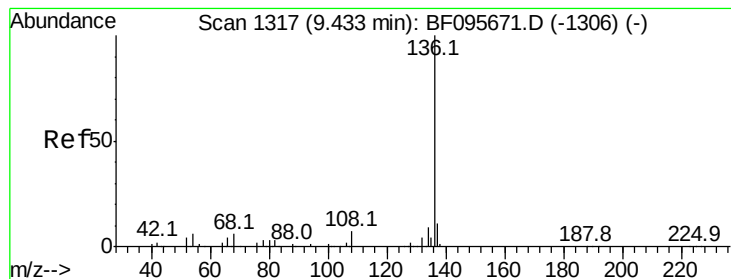
Abundance Ion 70.00 (69.70 to 70.70): BF0

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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096147.D

Acq: 23 Jun 2017 5:55

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 298890

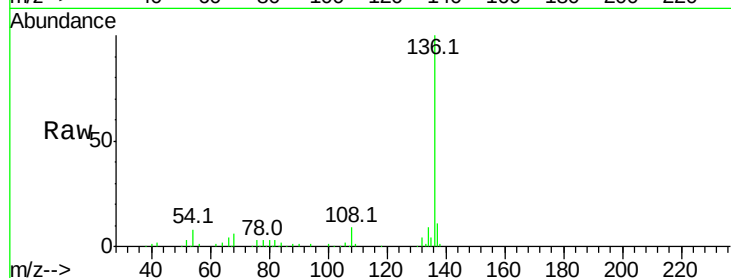
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.6 4.9 7.3#

68 5.8 4.1 6.1

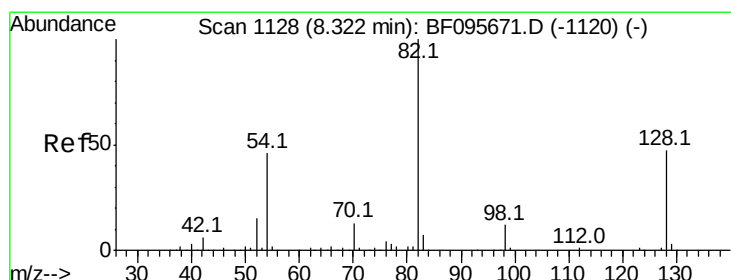
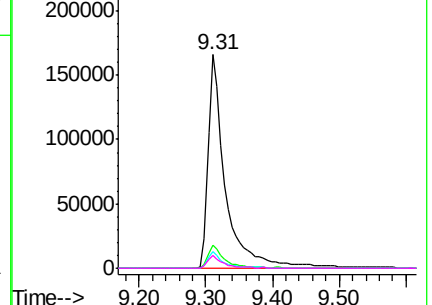
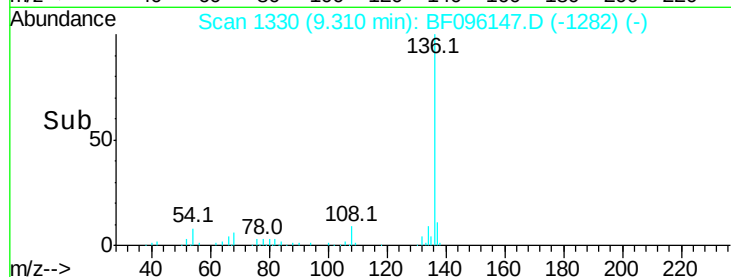


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.65 ng

RT: 8.20 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF096147.D

Acq: 23 Jun 2017 5:55

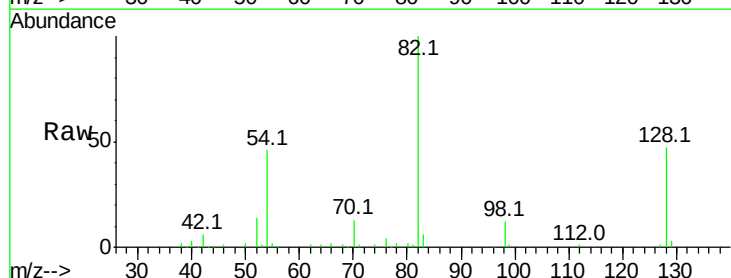
Tgt Ion: 82 Resp: 287057

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

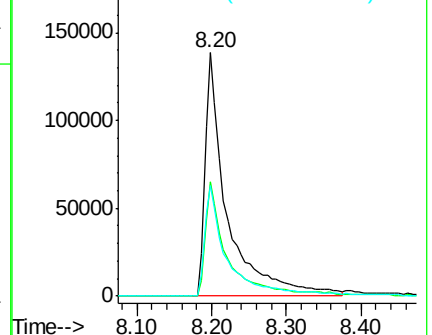
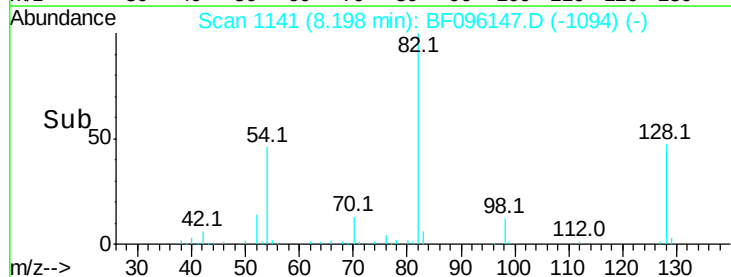
54 45.5 42.2 63.2

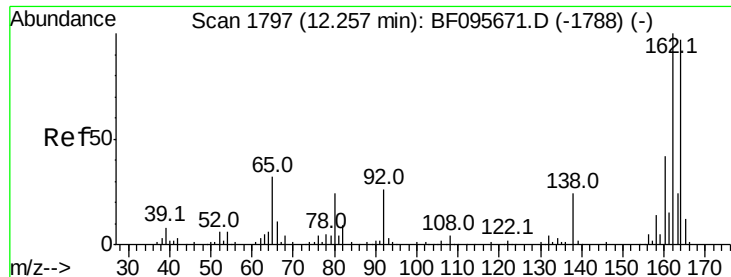


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

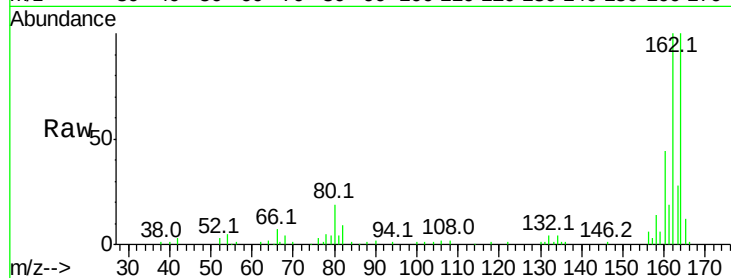




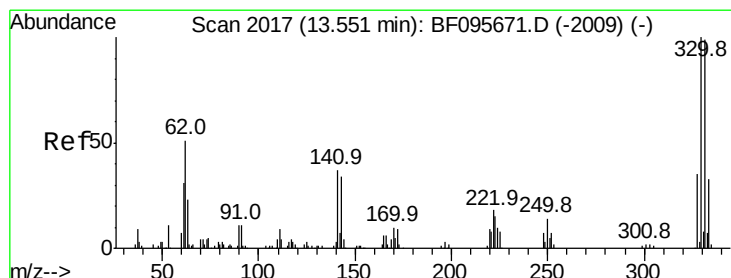
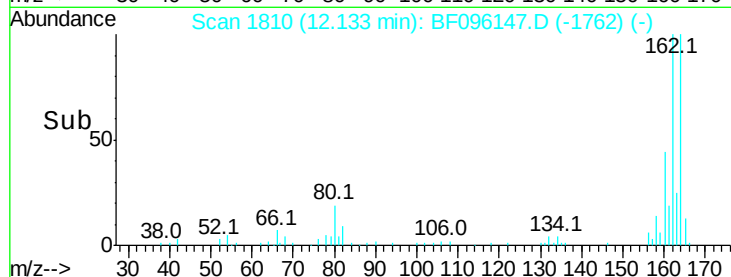
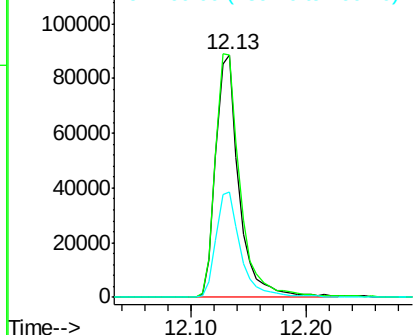
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. -0.02 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 125792
 Ion Ratio Lower Upper
 164 100
 162 99.8 82.6 123.8
 160 43.5 36.2 54.2

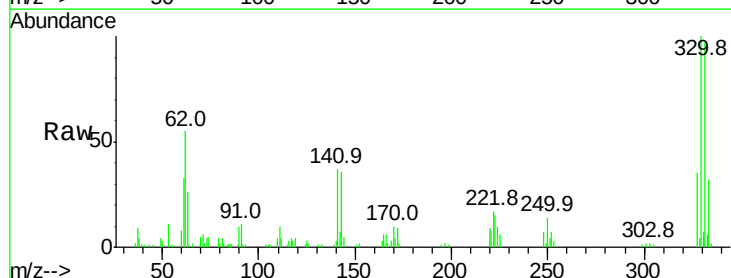


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

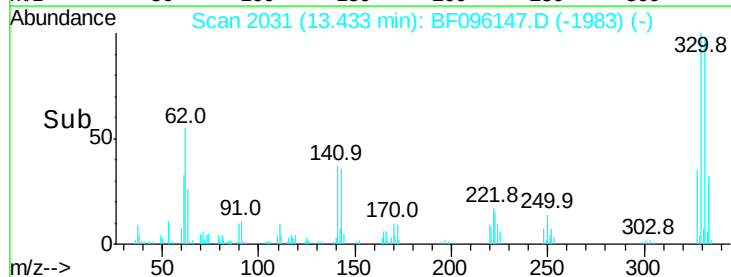
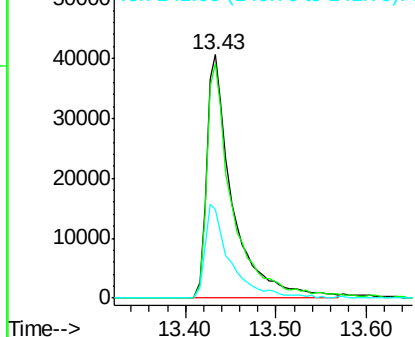


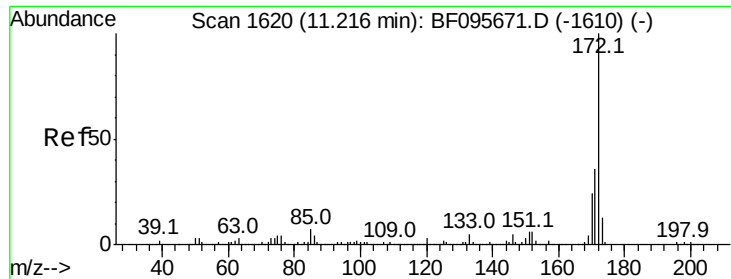
#41
 2,4,6-Tribromophenol
 Concen: 72.47 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Tgt Ion:330 Resp: 80656
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 37.8 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

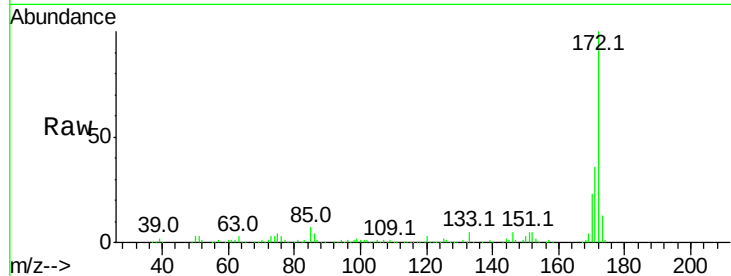




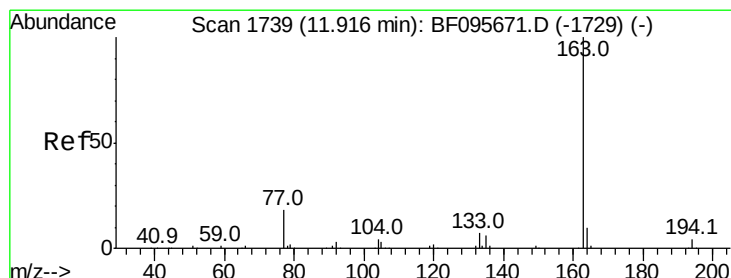
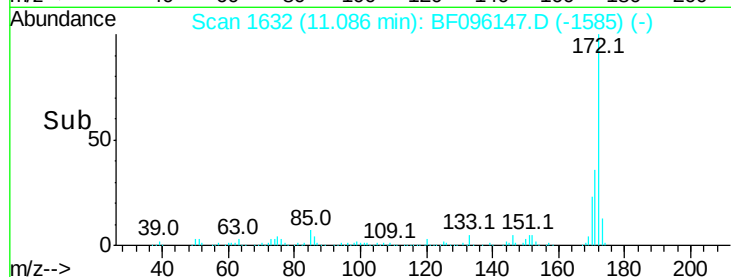
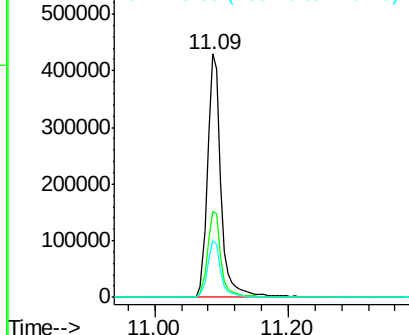
#44
2-Fluorobiphenyl
Concen: 67.26 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096147.D
Acq: 23 Jun 2017 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.3	19.8	29.8

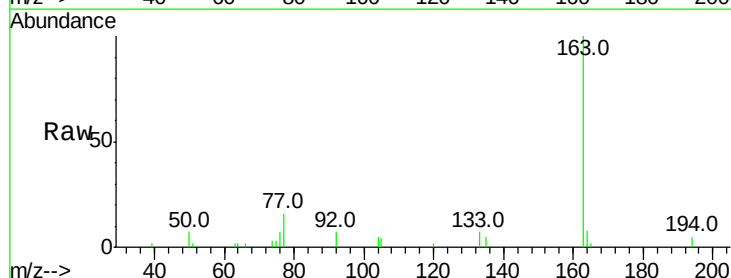


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

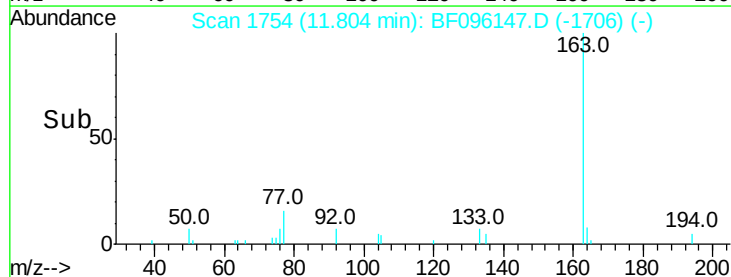
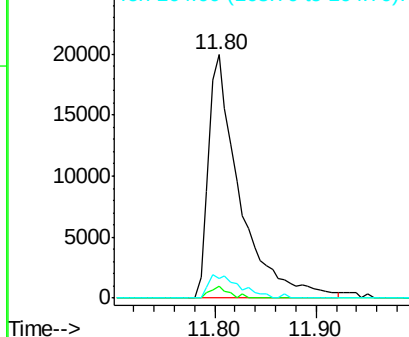


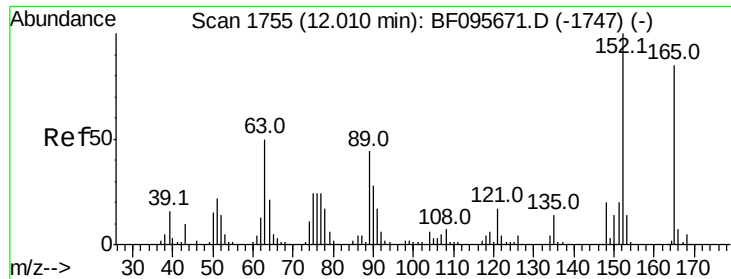
#49
Dimethylphthalate
Concen: 4.47 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096147.D
Acq: 23 Jun 2017 5:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	2.6	4.0#
164	8.1	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

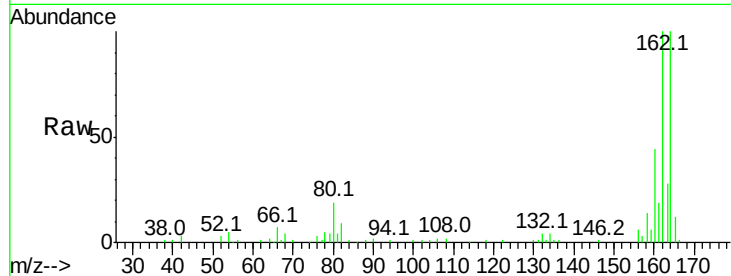




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 12.13 min Scan# 1810
 Delta R.T. 0.22 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

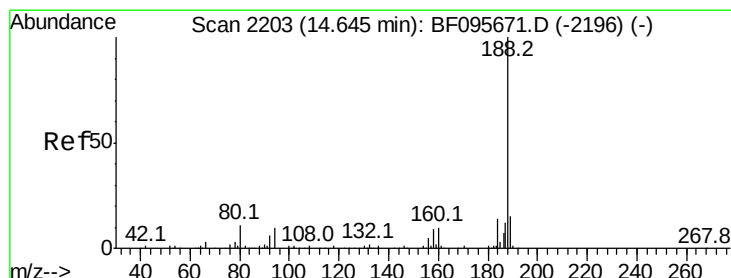
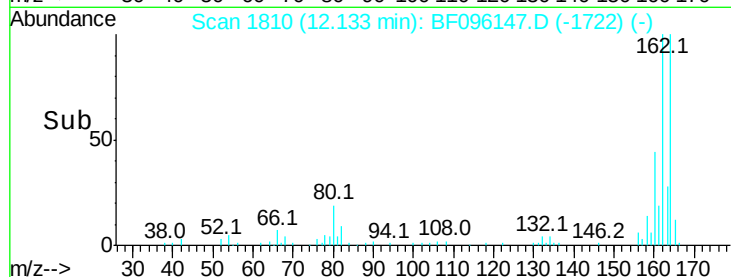
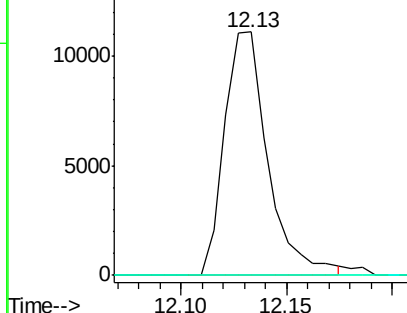
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

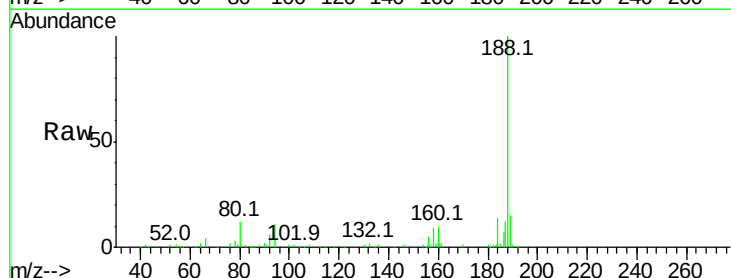
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

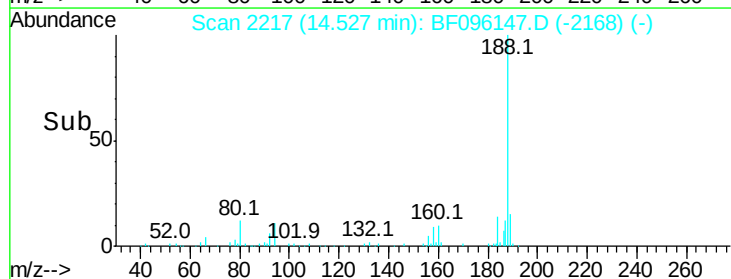
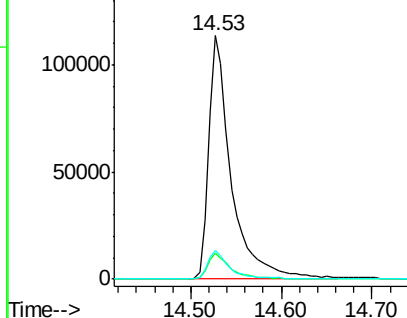
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	9.4	14.2
80	11.7	10.2	15.2

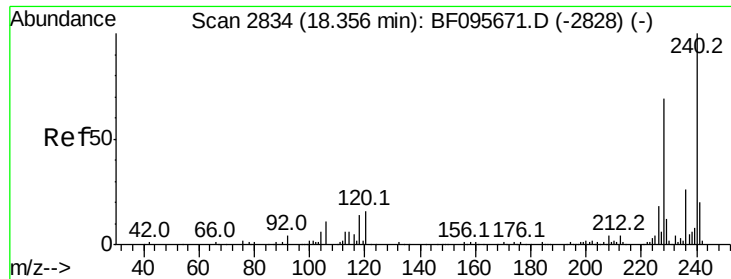


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

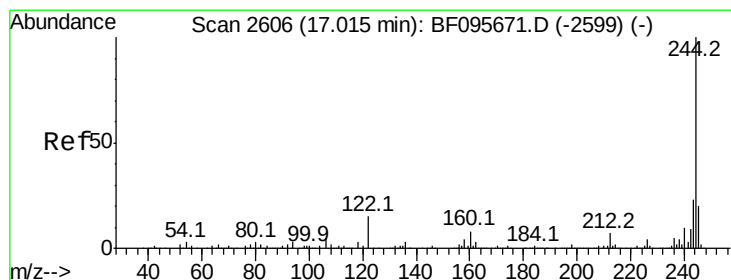
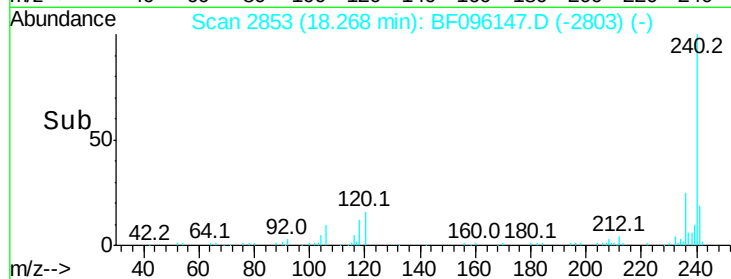
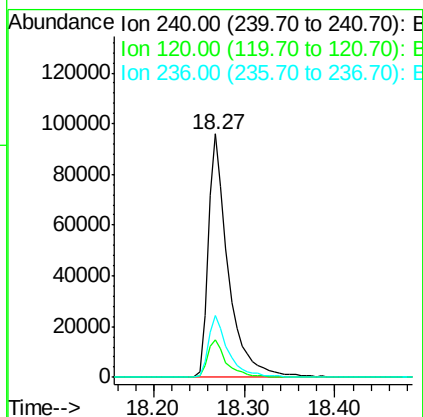
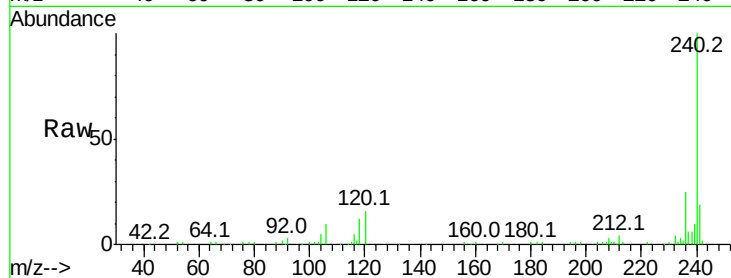




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

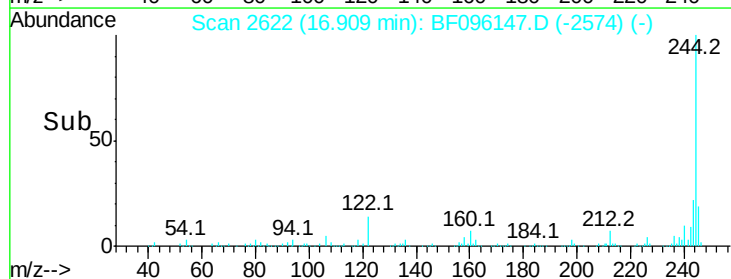
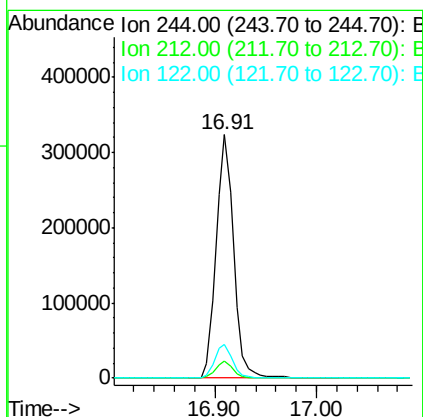
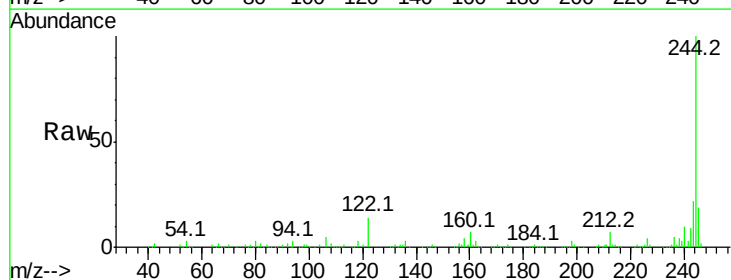
Instrument :
 BNA_F
 ClientSampleId :

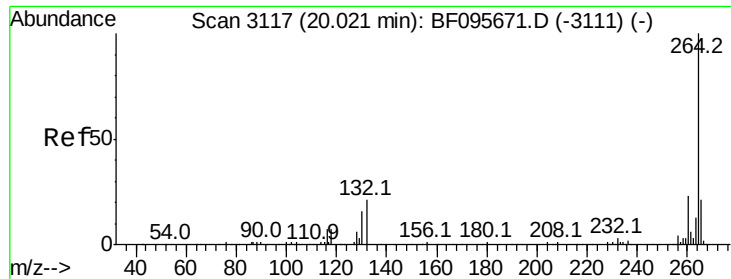
Tot Ion:240 Resp: 147489
 Ion Ratio Lower Upper
 240 100
 120 15.7 5.8 8.8#
 236 25.2 20.5 30.7



#78
 Terphenyl-d14
 Concen: 65.32 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Tgt Ion:244 Resp: 388217
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.8 10.3 15.5

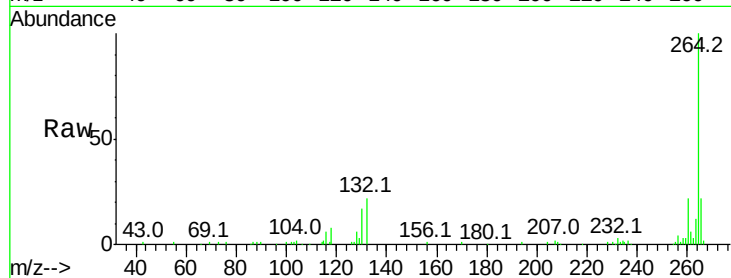




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096147.D
 Acq: 23 Jun 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	21.6	17.2	25.8



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

