

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096148.D
 Acq On : 23 Jun 2017 6:28
 Operator : SJ/MA
 Sample : I3817-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 06:57:41 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

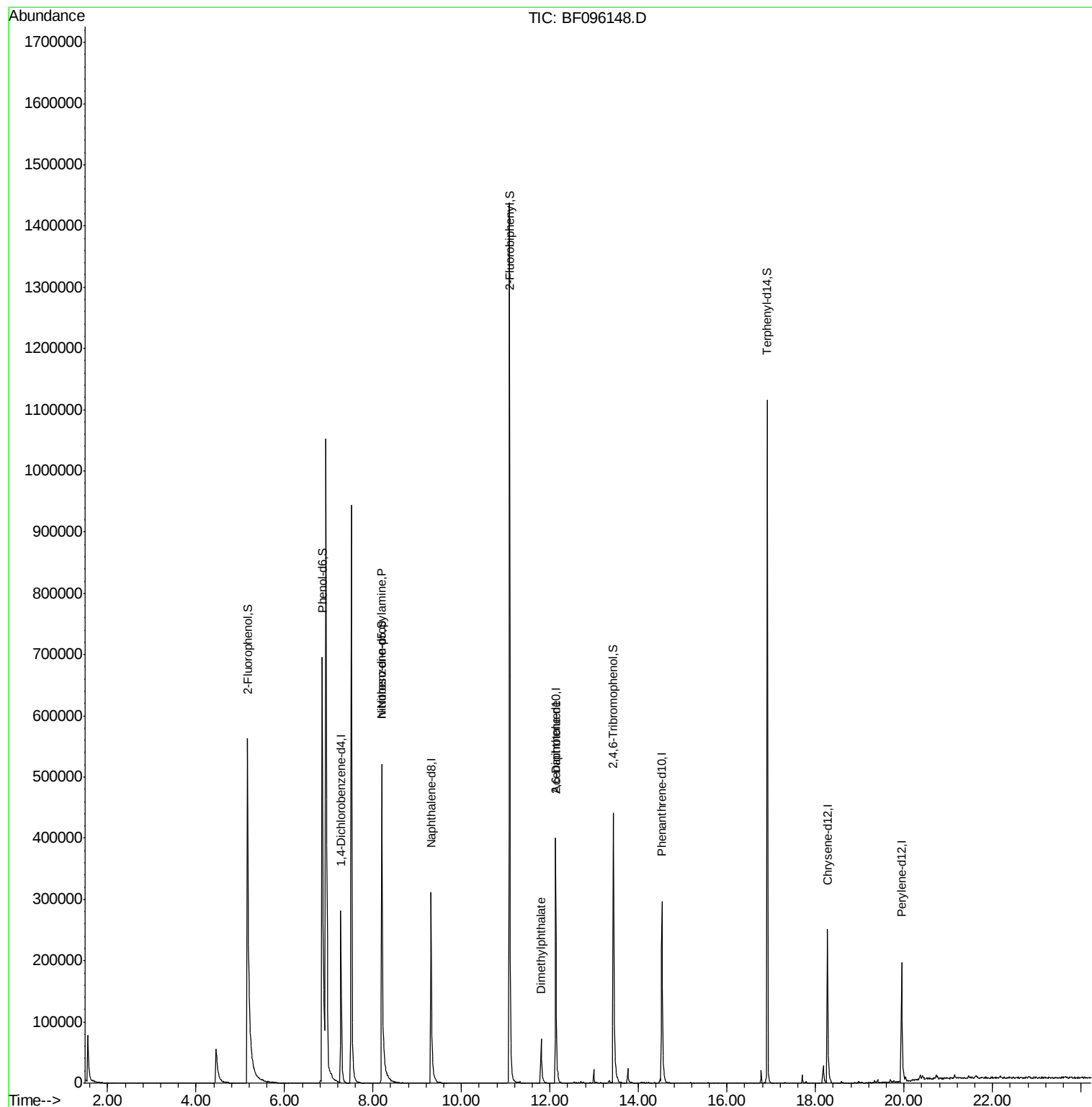
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	74878	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	300306	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	126698	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	202243	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	144667	20.00	ng	0.00
86) Perylene-d12	19.94	264	126175	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	501874	106.80	ng	-0.02
7) Phenol-d6	6.85	99	620593	110.32	ng	-0.02
23) Nitrobenzene-d5	8.20	82	354303	73.27	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	101563	90.60	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	708502	77.82	ng	-0.02
78) Terphenyl-d14	16.91	244	460020	78.92	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.20	70	40272	11.30	ng	# 79
49) Dimethylphthalate	11.80	163	73514	7.64	ng	100
50) 2,6-Dinitrotoluene	12.13	165	15076	7.18	ng	# 31

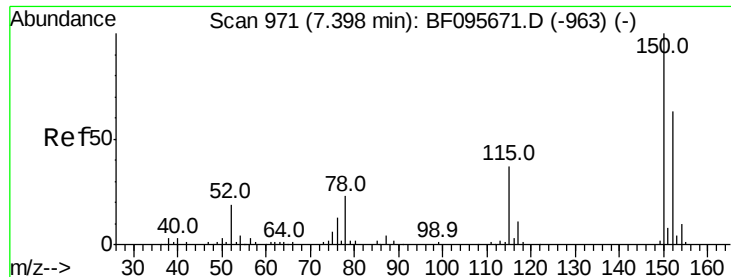
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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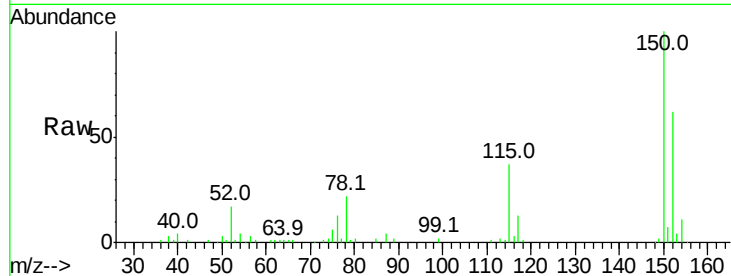


#1

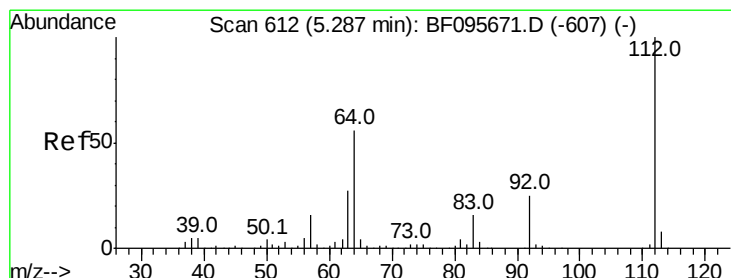
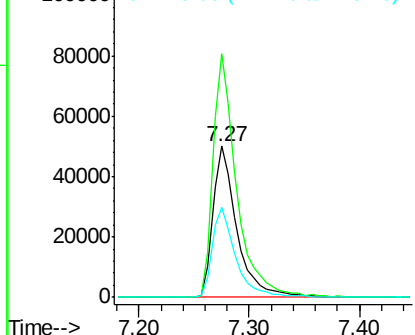
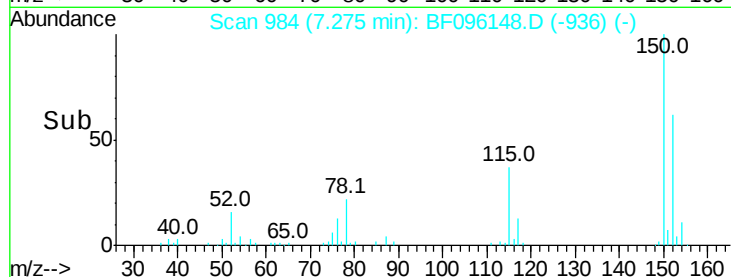
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096148.D
Acq: 23 Jun 2017 6:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 74878
Ion Ratio Lower Upper
152 100
150 160.9 126.2 189.2
115 59.6 52.2 78.2



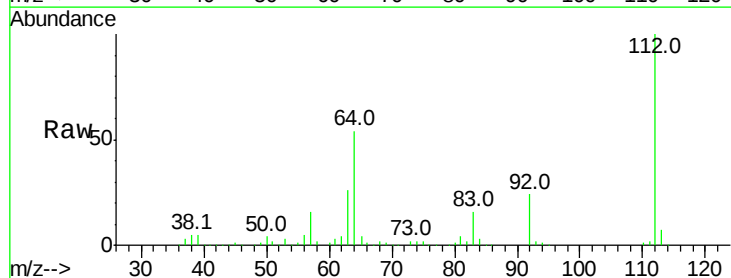
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



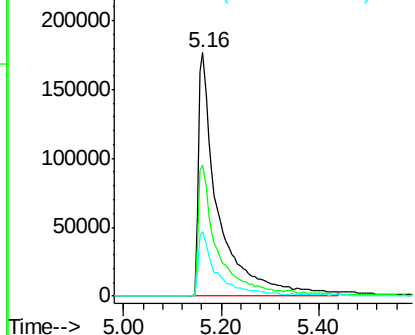
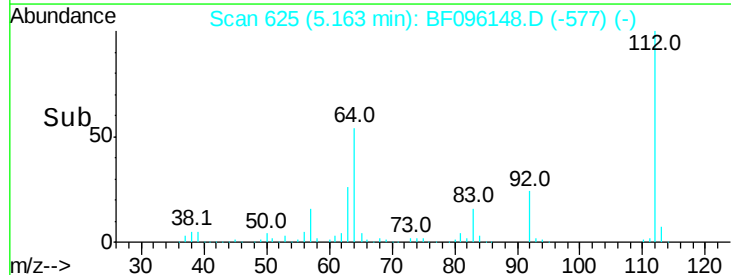
#5

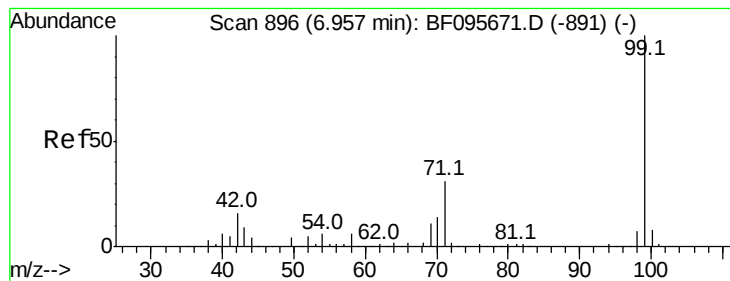
2-Fluorophenol
Concen: 106.80 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096148.D
Acq: 23 Jun 2017 6:28

Tgt Ion:112 Resp: 501874
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 26.4 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: 110.32 ng

RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096148.D

Acq: 23 Jun 2017 6:28

Instrument :

BNA_F

ClientSampled :

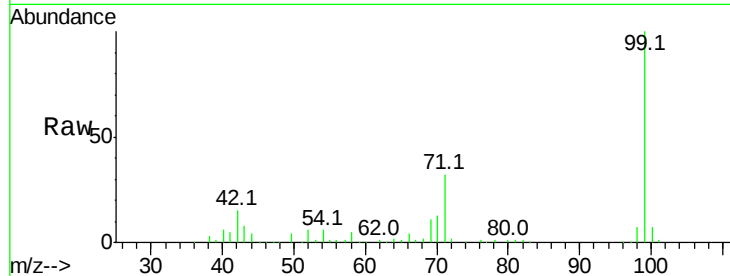
Tot Ion: 99 Resp: 620593

Ion Ratio Lower Upper

99 100

42 15.5 13.5 20.3

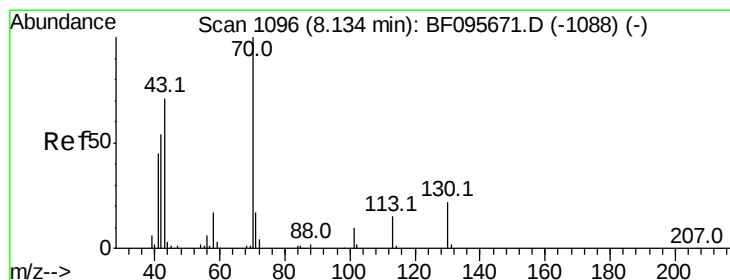
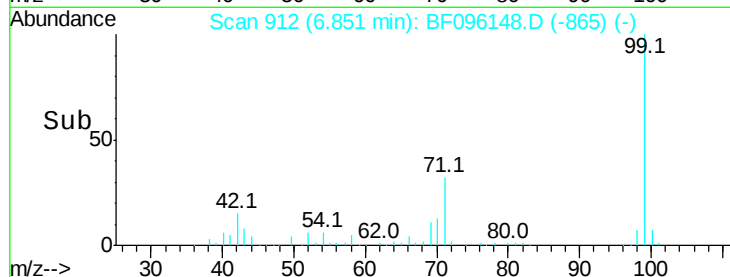
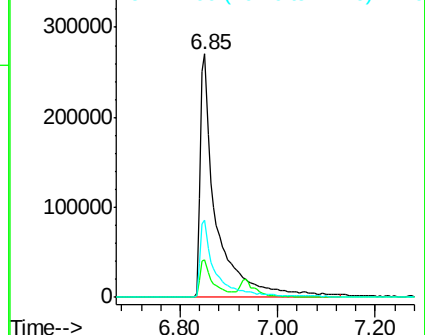
71 31.8 24.5 36.7



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: 11.30 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096148.D

Acq: 23 Jun 2017 6:28

Tgt Ion: 70 Resp: 40272

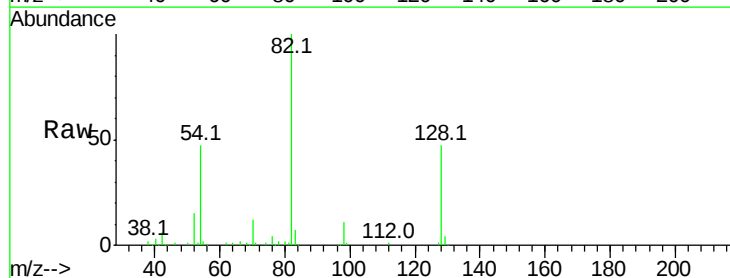
Ion Ratio Lower Upper

70 100

42 47.9 47.2 70.8

101 0.0 7.2 10.8#

130 3.3 15.9 23.9#

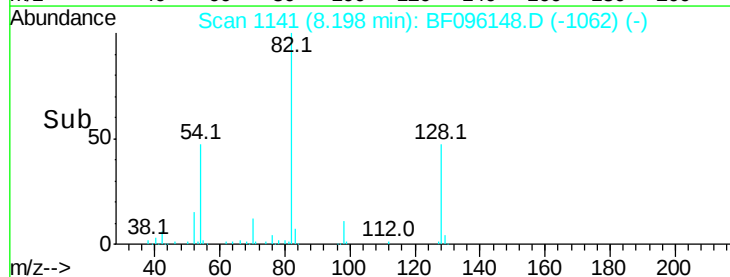
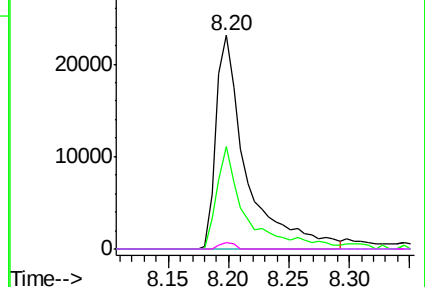


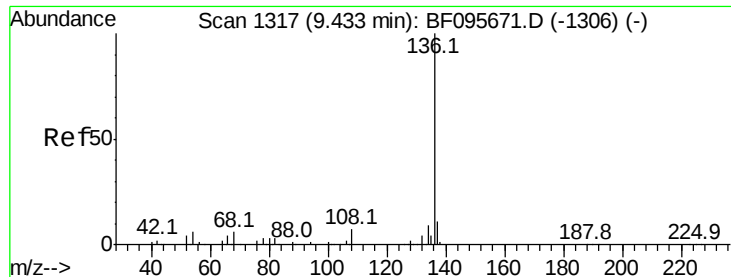
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF096148.D

Acq: 23 Jun 2017 6:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 300306

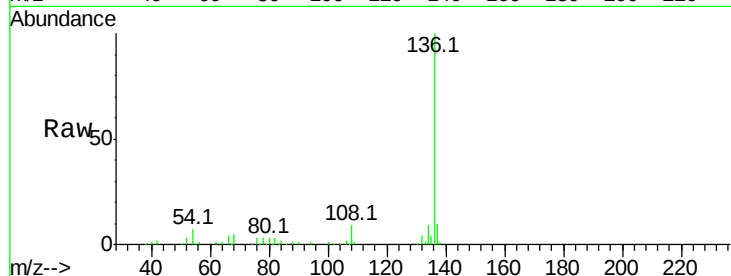
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.0 4.9 7.3

68 5.4 4.1 6.1

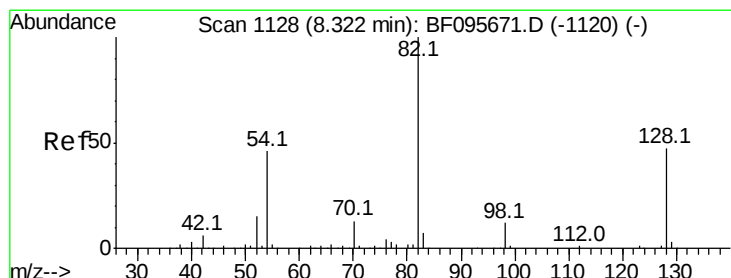
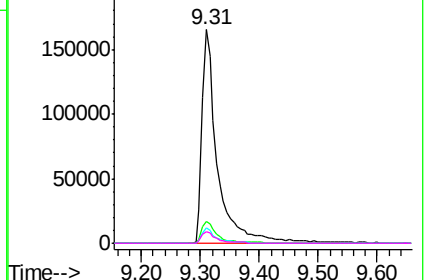
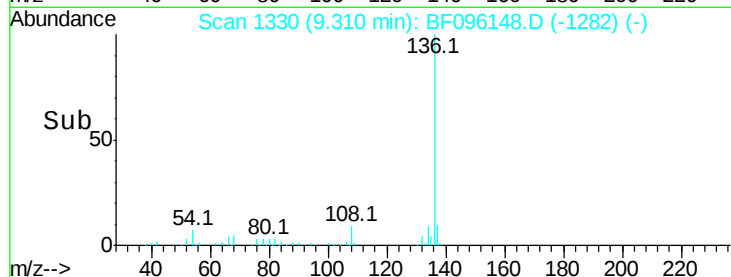


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.27 ng

RT: 8.20 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF096148.D

Acq: 23 Jun 2017 6:28

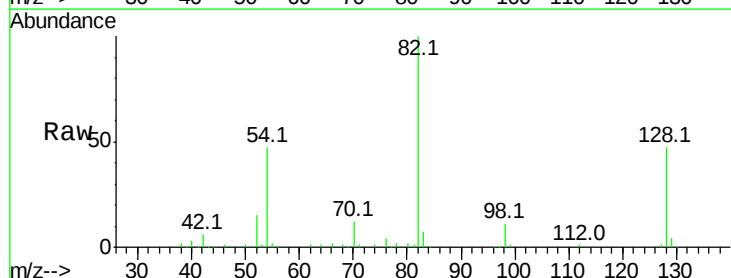
Tgt Ion: 82 Resp: 354303

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

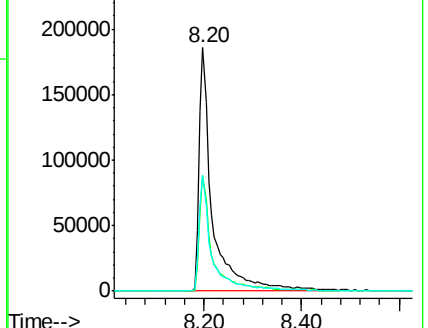
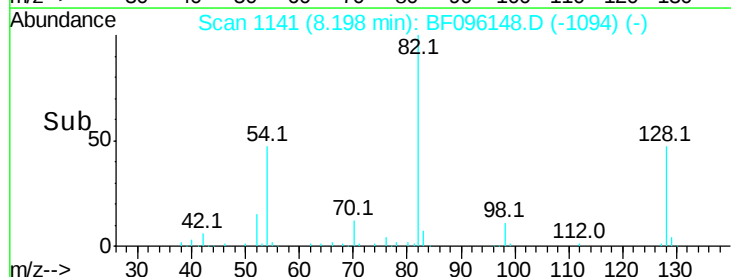
54 47.4 42.2 63.2

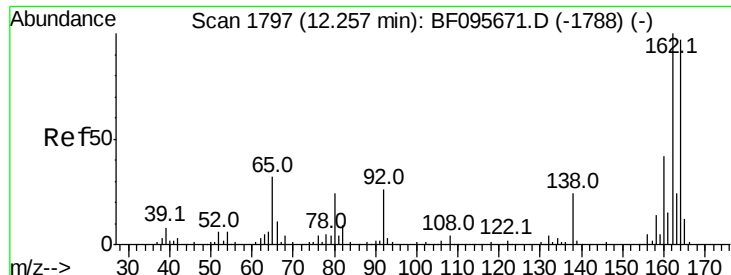


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF096148.D

Acq: 23 Jun 2017 6:28

Instrument :

BNA_F

ClientSampled :

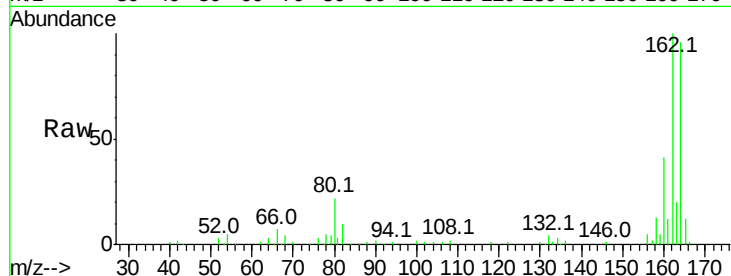
Tot Ion:164 Resp: 126698

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

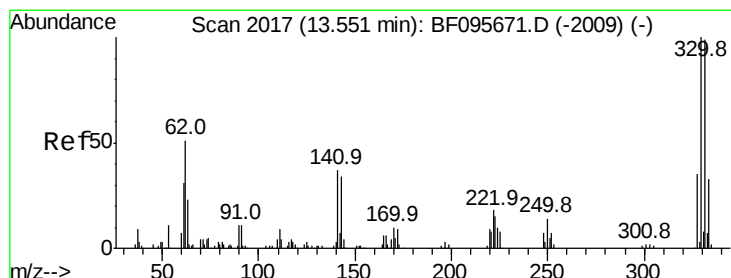
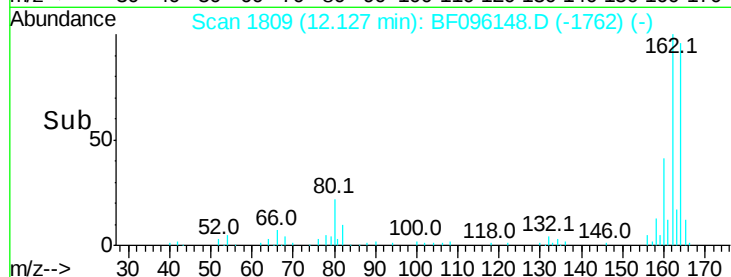
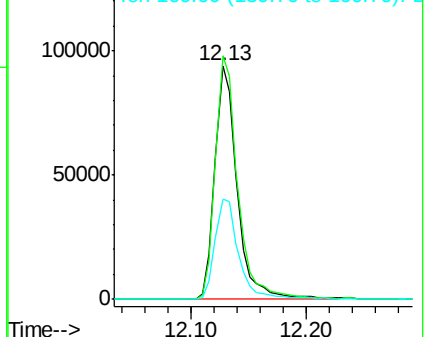
160 42.9 36.2 54.2



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: 90.60 ng

RT: 13.43 min Scan# 2031

Delta R.T. -0.02 min

Lab File: BF096148.D

Acq: 23 Jun 2017 6:28

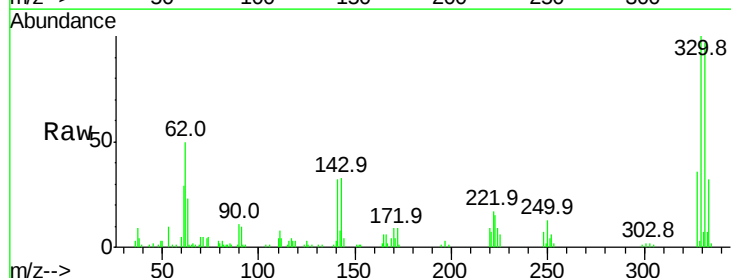
Tgt Ion:330 Resp: 101563

Ion Ratio Lower Upper

330 100

332 97.3 76.6 115.0

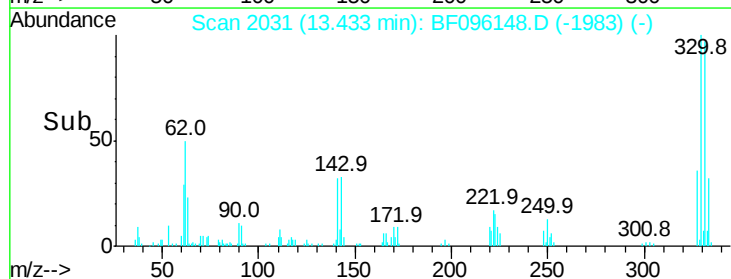
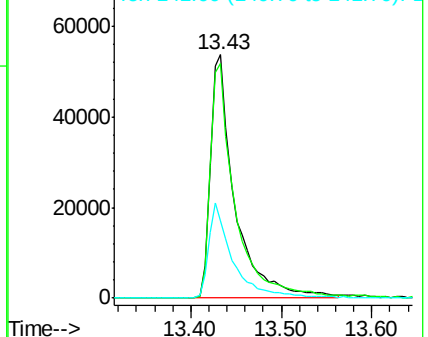
141 38.4 31.4 47.2

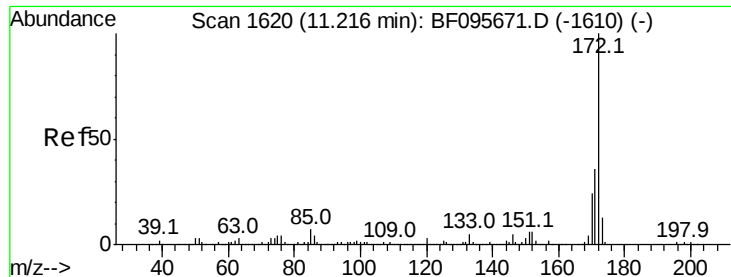


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

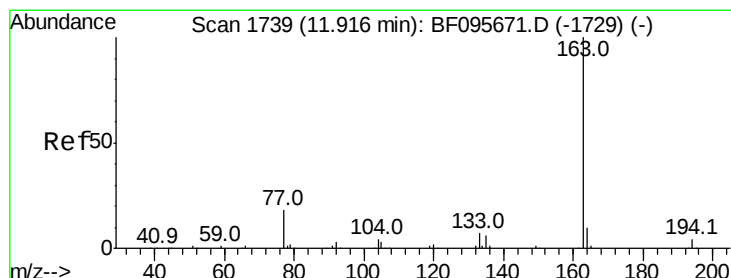
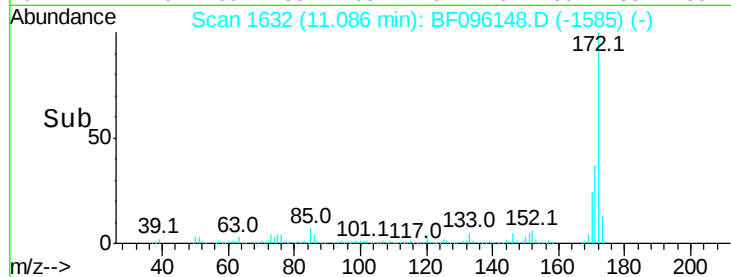
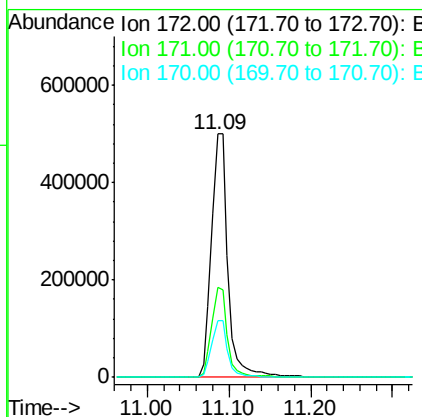
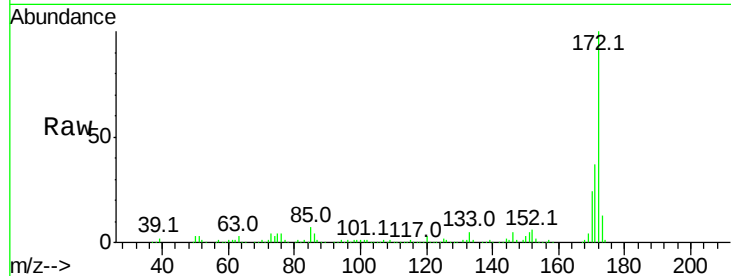




#44
2-Fluorobiphenyl
Concen: 77.82 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096148.D
Acq: 23 Jun 2017 6:28

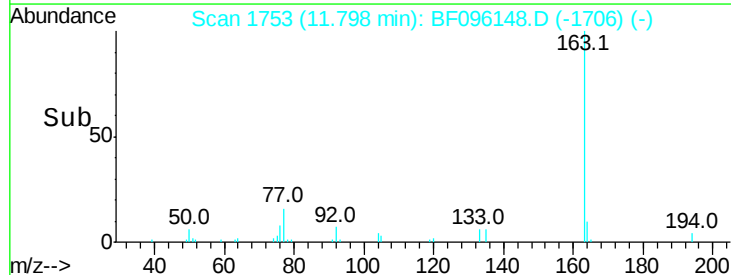
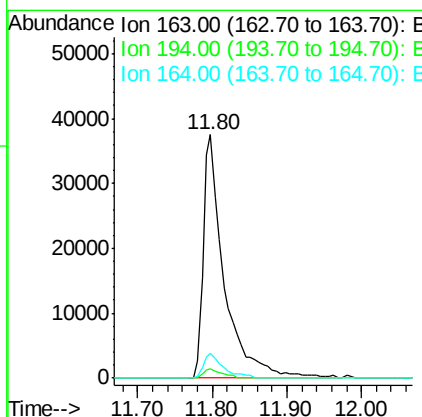
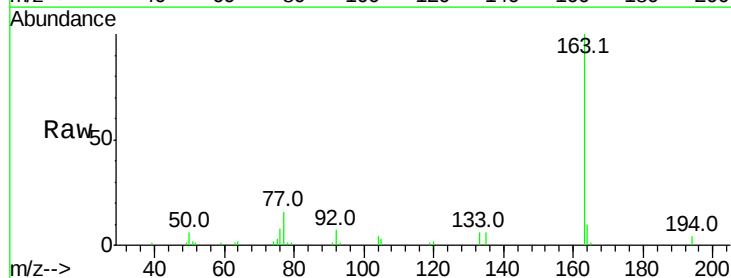
Instrument :
BNA_F
ClientSampleId :

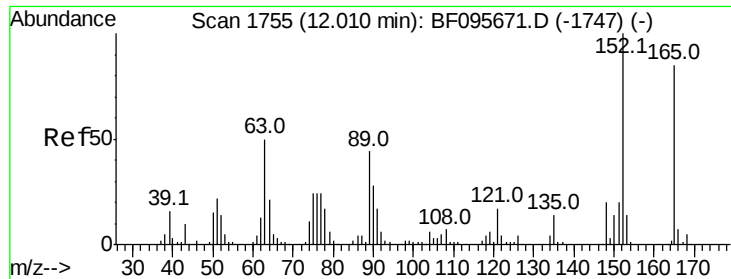
Tot Ion:172 Resp: 708502
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 7.64 ng
RT: 11.80 min Scan# 1753
Delta R.T. -0.02 min
Lab File: BF096148.D
Acq: 23 Jun 2017 6:28

Tgt Ion:163 Resp: 73514
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 10.4 8.4 12.6

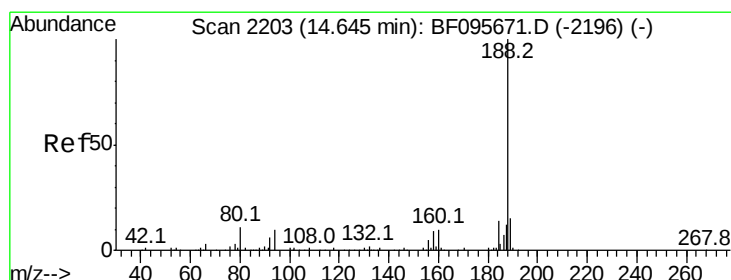
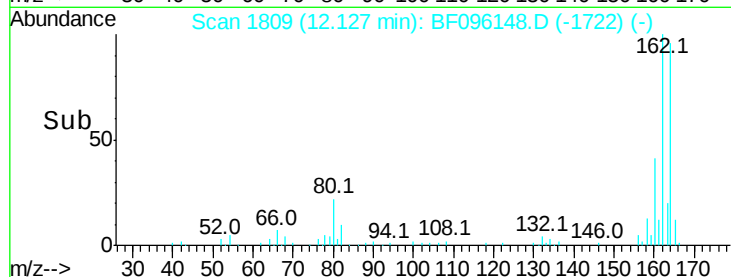
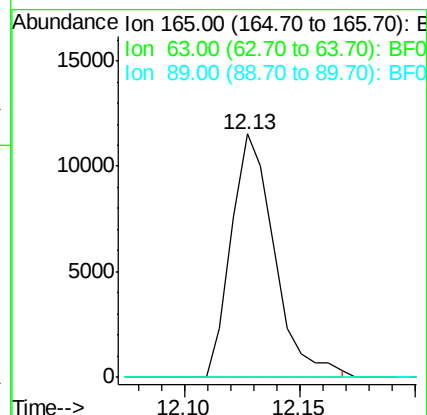
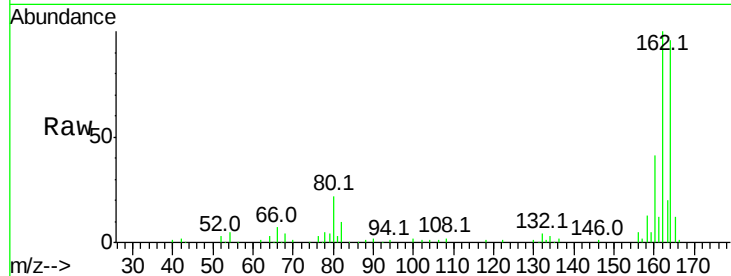




#50
 2,6-Dinitrotoluene
 Concen: 7.18 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. 0.21 min
 Lab File: BF096148.D
 Acq: 23 Jun 2017 6:28

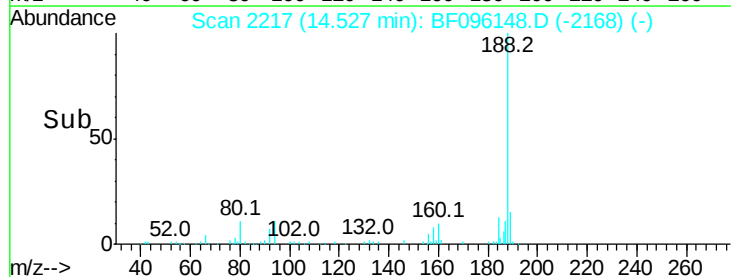
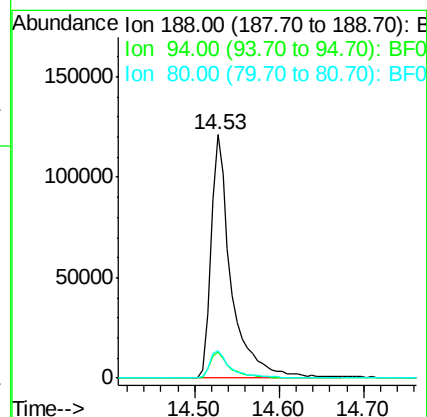
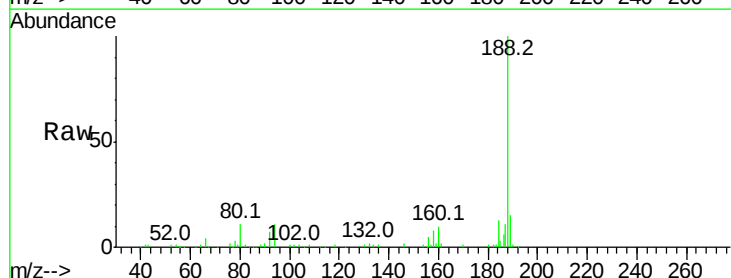
Instrument :
 BNA_F
 ClientSampleId :

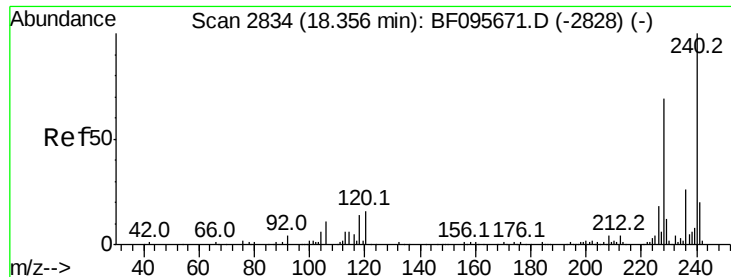
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.53 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BF096148.D
 Acq: 23 Jun 2017 6:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.2
80	11.3	10.2	15.2

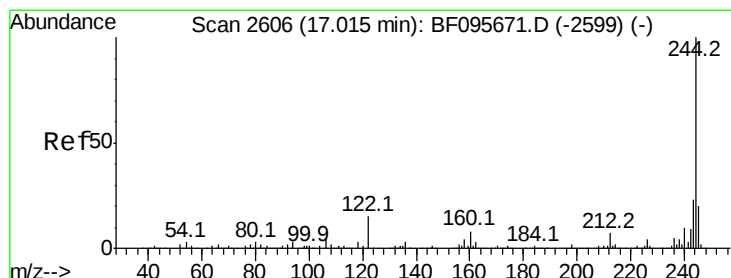
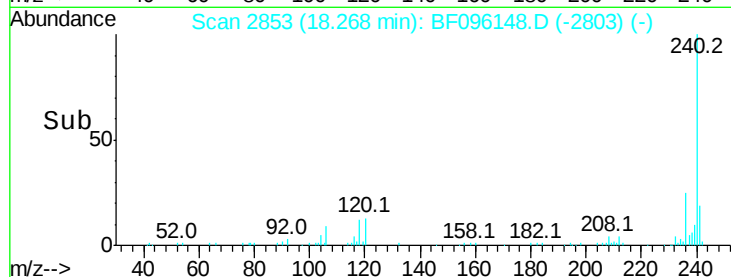
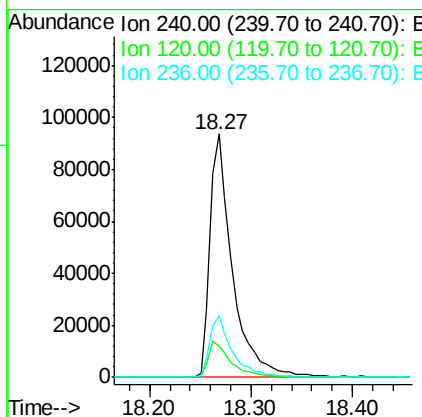
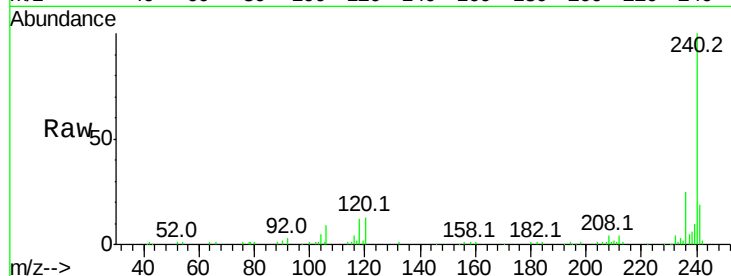




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096148.D
 Acq: 23 Jun 2017 6:28

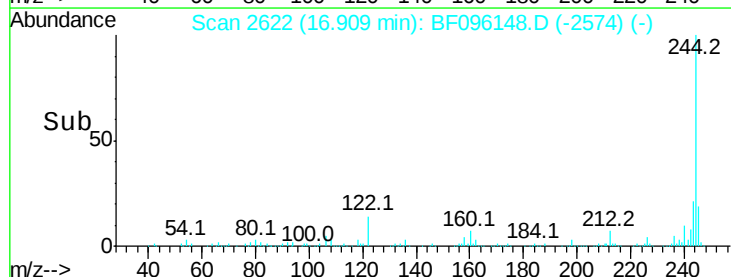
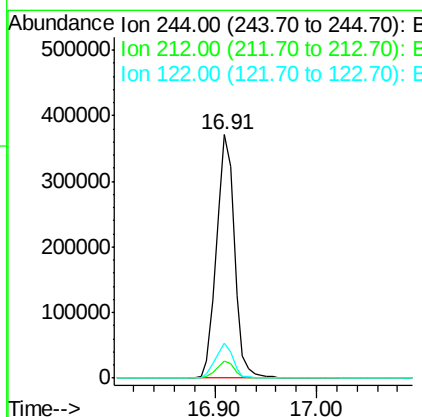
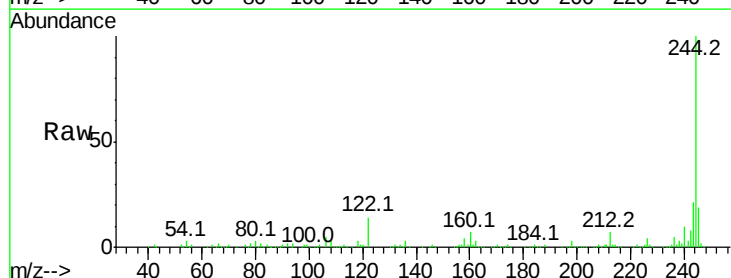
Instrument :
 BNA_F
 ClientSampleId :

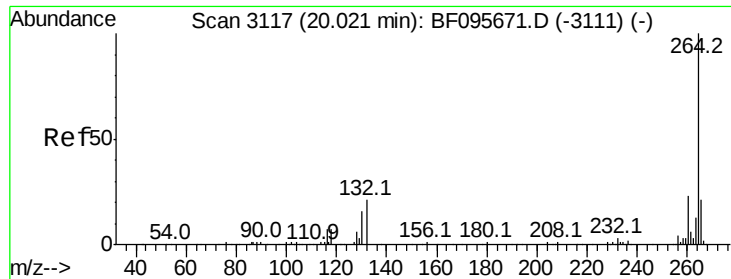
Tot Ion:240 Resp: 144667
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 25.3 20.5 30.7



#78
 Terphenyl-d14
 Concen: 78.92 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096148.D
 Acq: 23 Jun 2017 6:28

Tgt Ion:244 Resp: 460020
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.3 10.3 15.5

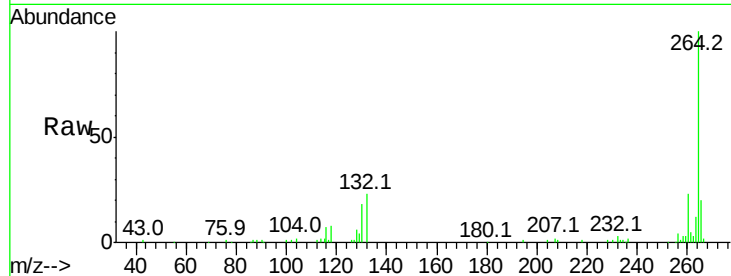




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096148.D
 Acq: 23 Jun 2017 6:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.5	29.3
265	20.1	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

