

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096155.D
 Acq On : 23 Jun 2017 10:14
 Operator : SJ/MA
 Sample : I3824-01
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 11:15:16 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

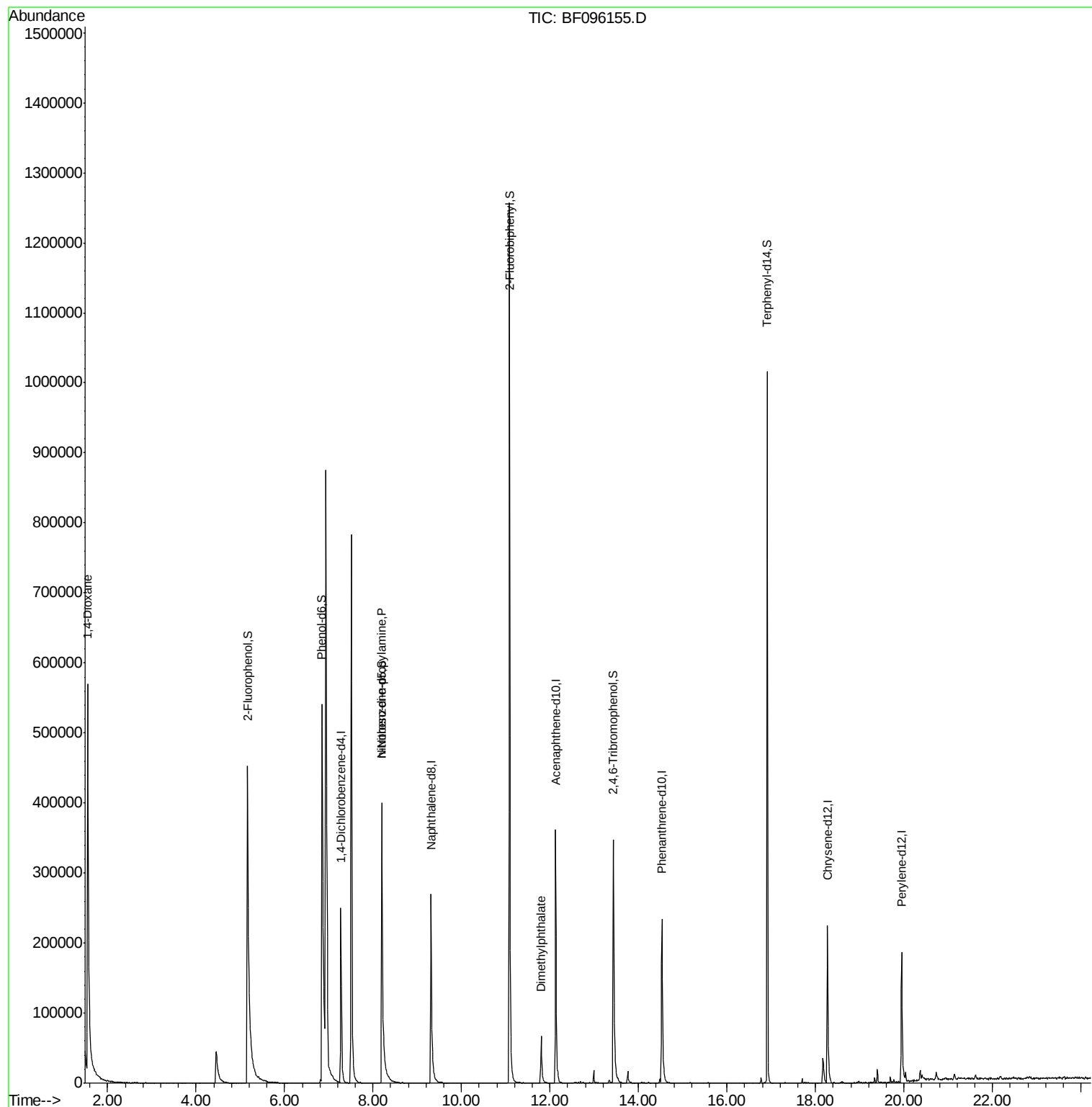
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	68474	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	277441	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	115998	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	182397	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	137730	20.00	ng	0.00
86) Perylene-d12	19.94	264	115429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	419597	97.64	ng	-0.02
7) Phenol-d6	6.85	99	535331	104.06	ng	-0.03
23) Nitrobenzene-d5	8.20	82	299204	66.98	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	84176	82.02	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	616450	73.95	ng	-0.02
78) Terphenyl-d14	16.91	244	387226	69.77	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	32100	15.70	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	34342	10.53	ng	# 77
49) Dimethylphthalate	11.80	163	68861	7.82	ng	100

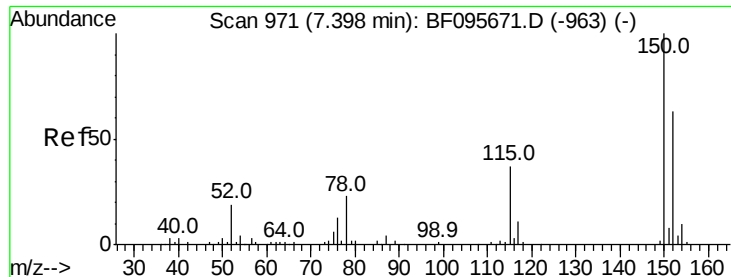
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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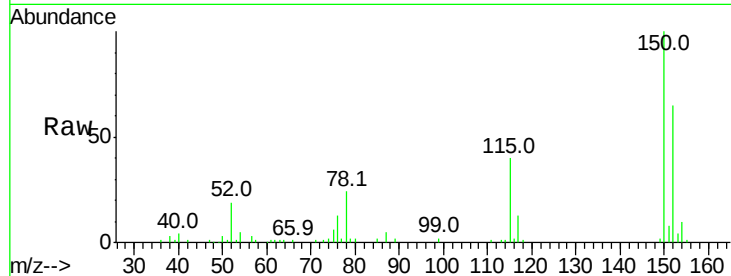


#1

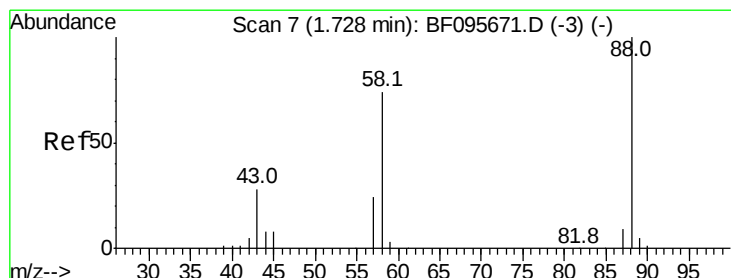
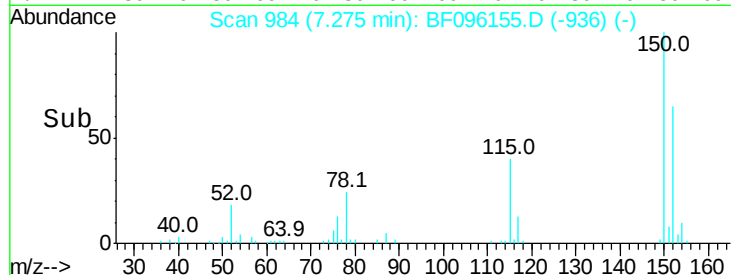
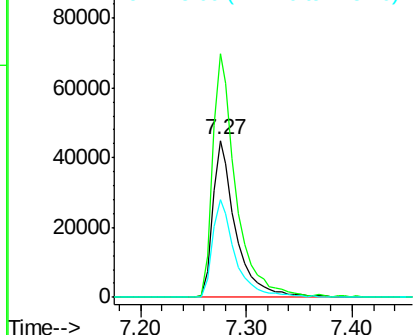
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096155.D
Acq: 23 Jun 2017 10:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68474
Ion Ratio Lower Upper
152 100
150 155.0 126.2 189.2
115 62.4 52.2 78.2



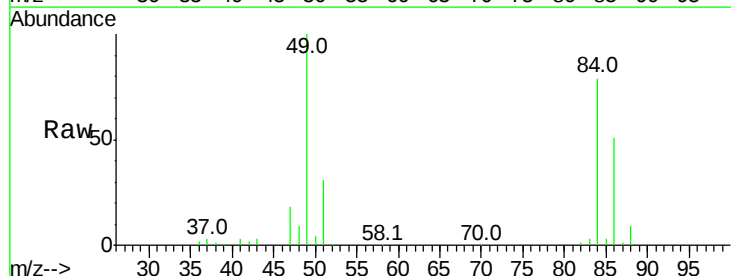
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



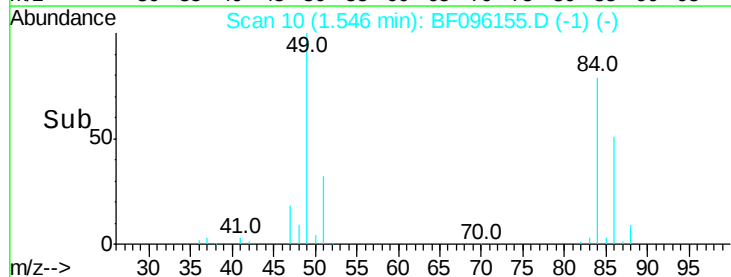
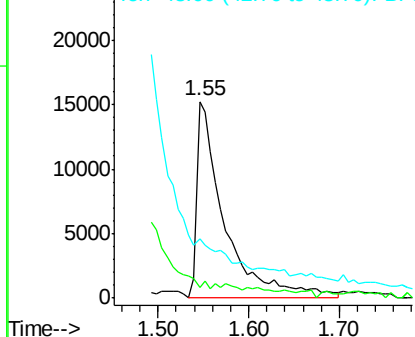
#2

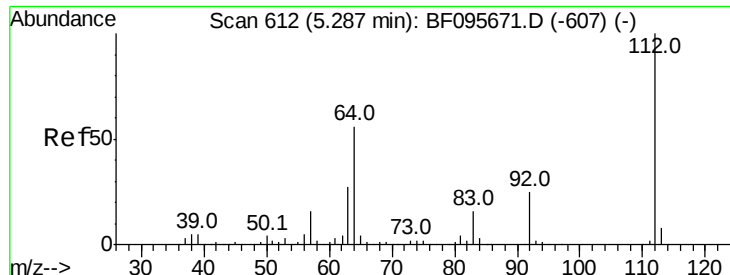
1,4-Dioxane
Concen: 15.70 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096155.D
Acq: 23 Jun 2017 10:14

Tgt Ion: 88 Resp: 32100
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 0.0 23.4 35.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 97.64 ng

RT: 5.16 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF096155.D

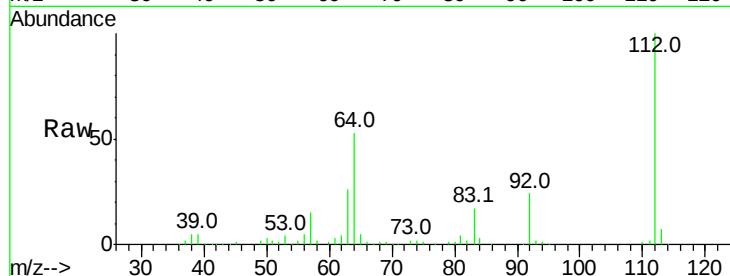
Acq: 23 Jun 2017 10:14

Instrument :

BNA_F

ClientSampled :

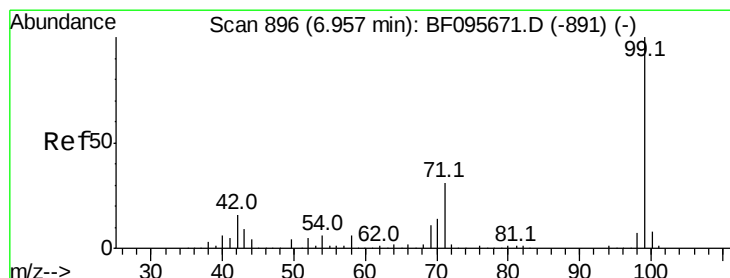
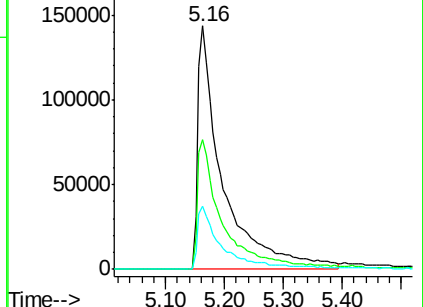
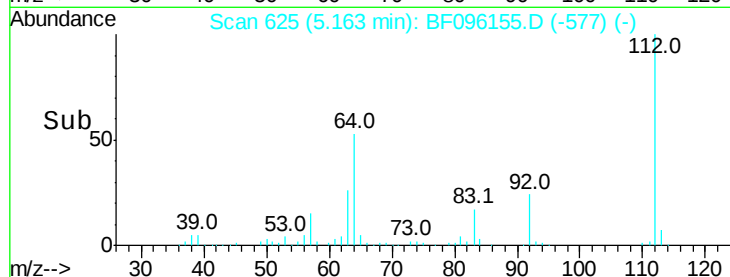
Tot Ion:	112	Resp:	419597
Ion	Ratio	Lower	Upper
112	100		
64	53.2	46.0	69.0
63	25.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): BFO

Ion 64.00 (63.70 to 64.70): BFO

Ion 63.00 (62.70 to 63.70): BFO



#7

Phenol-d6

Concen: 104.06 ng

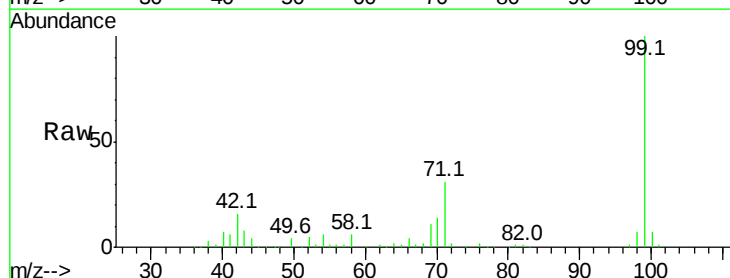
RT: 6.85 min Scan# 911

Delta R.T. -0.03 min

Lab File: BF096155.D

Acq: 23 Jun 2017 10:14

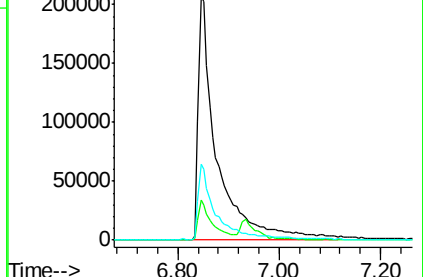
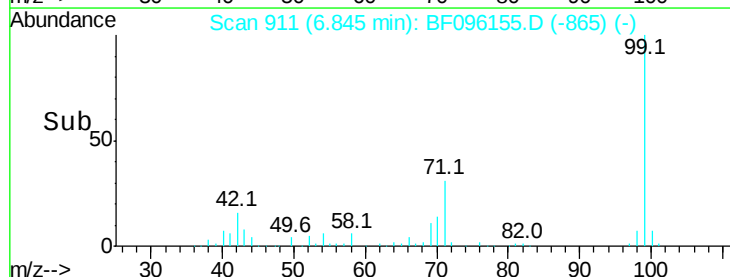
Tgt Ion:	99	Resp:	535331
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	31.3	24.5	36.7

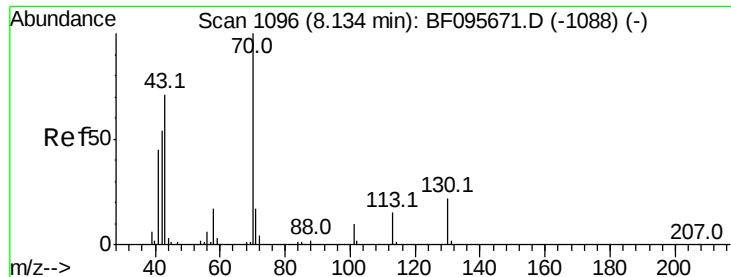


Abundance Ion 99.00 (98.70 to 99.70): BFO

Ion 42.00 (41.70 to 42.70): BFO

Ion 71.00 (70.70 to 71.70): BFO

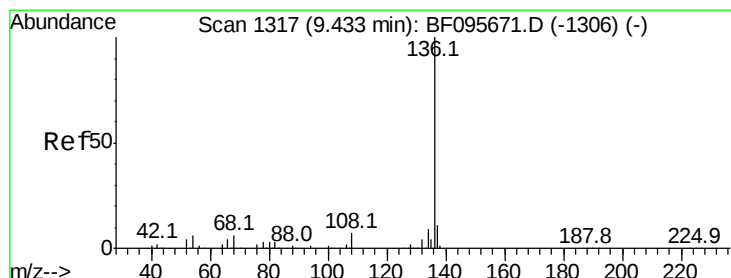
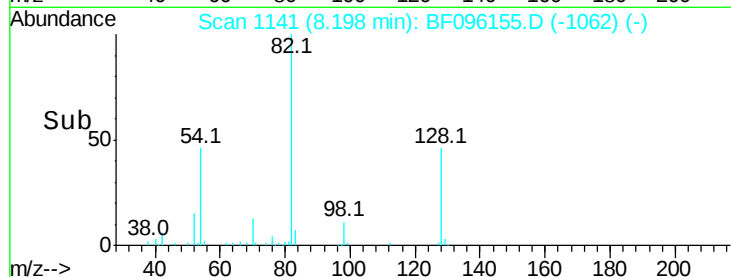
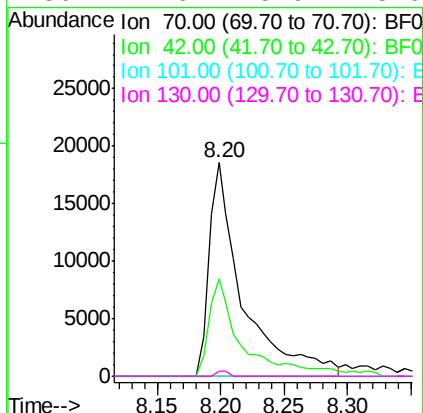
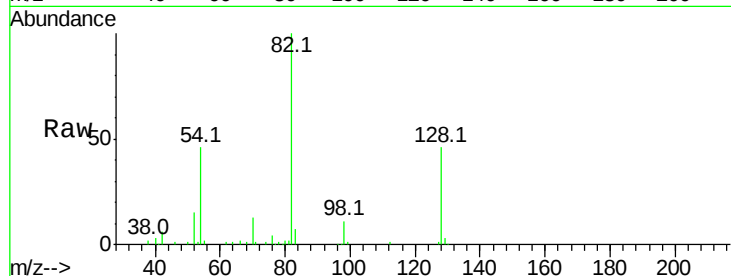




#19
 n-Nitroso-di-n-propylamine
 Concen: 10.53 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. 0.16 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

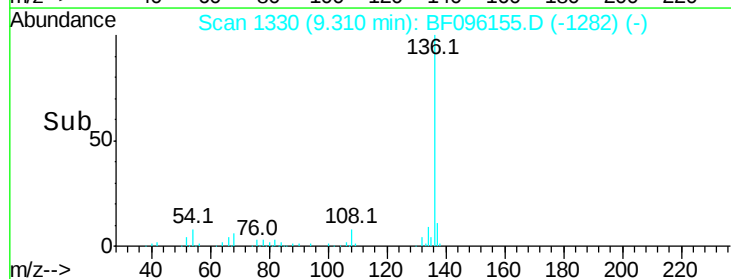
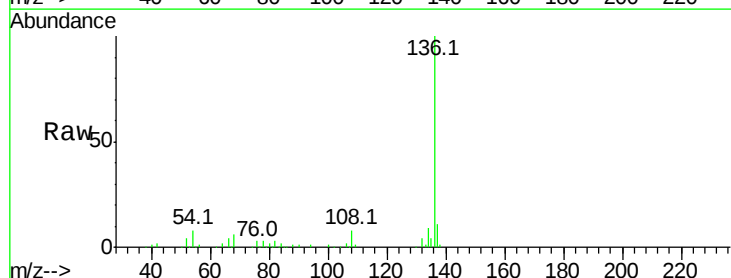
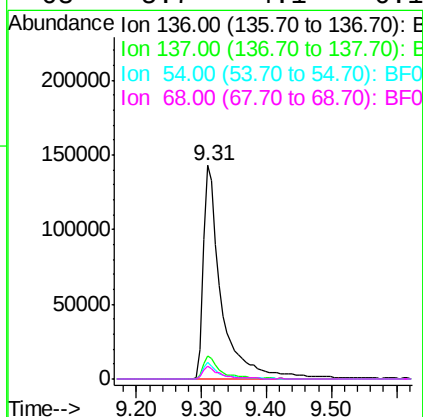
Instrument :
 BNA_F
 ClientSampleId :

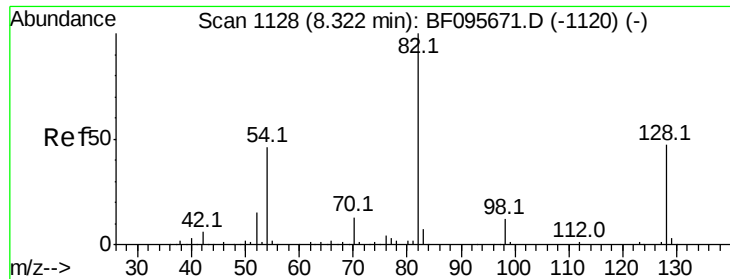
Tot Ion: 70 Resp: 34342
 Ion Ratio Lower Upper
 70 100
 42 45.5 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.6 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 9.31 min Scan# 1330
 Delta R.T. -0.02 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

Tgt Ion: 136 Resp: 277441
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.5 12.7
 54 7.9 4.9 7.3#
 68 5.7 4.1 6.1

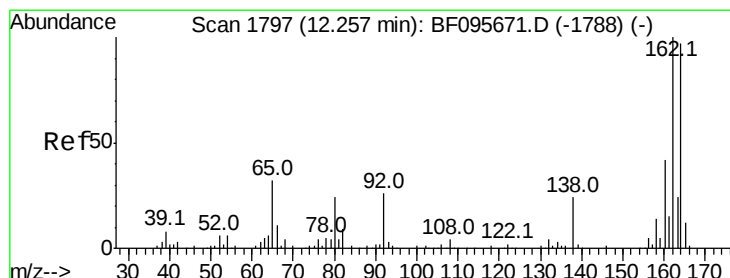
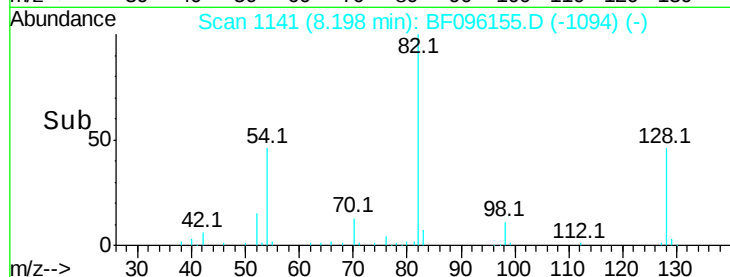
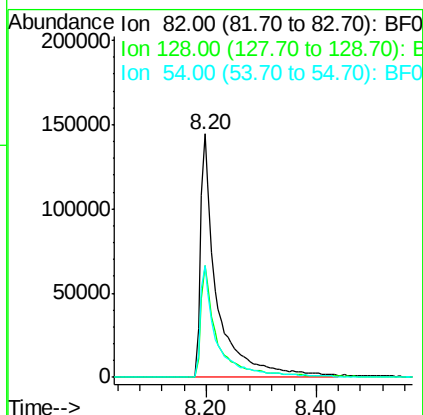
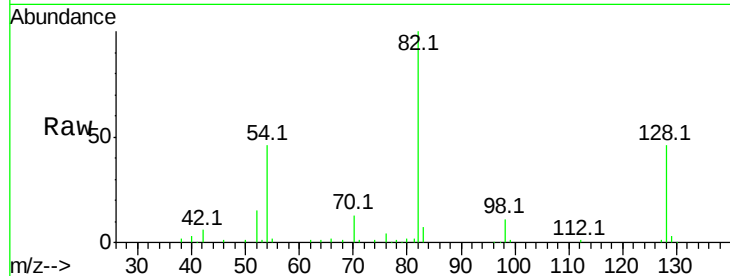




#23
Nitrobenzene-d5
Concen: 66.98 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096155.D
Acq: 23 Jun 2017 10:14

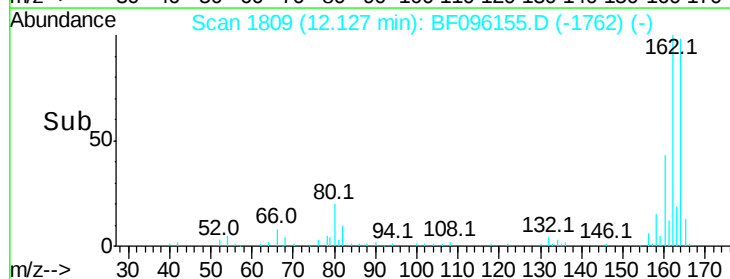
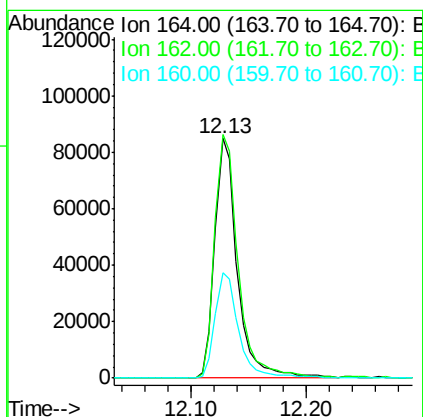
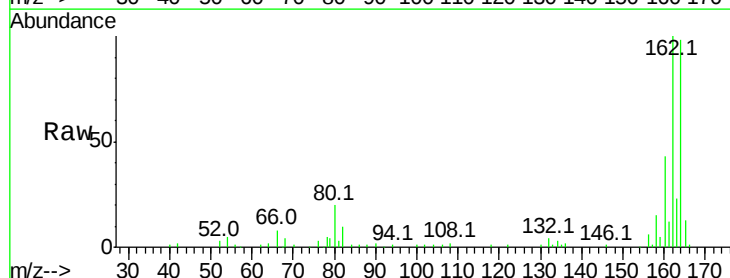
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 299204
Ion Ratio Lower Upper
82 100
128 45.9 34.0 51.0
54 45.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096155.D
Acq: 23 Jun 2017 10:14

Tgt Ion:164 Resp: 115998
Ion Ratio Lower Upper
164 100
162 101.6 82.6 123.8
160 44.0 36.2 54.2

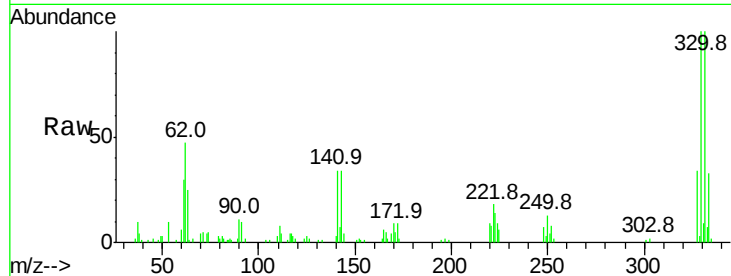




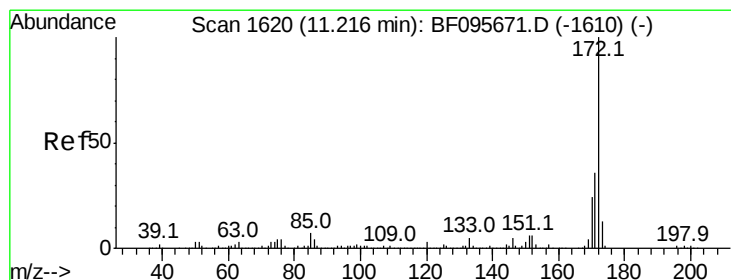
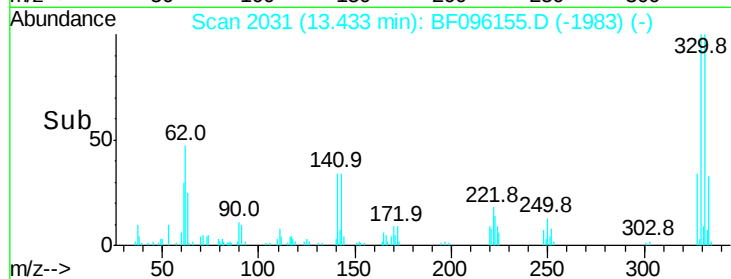
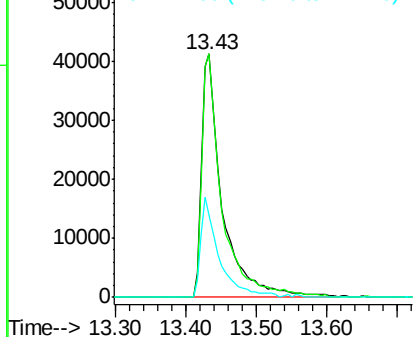
#41
 2,4,6-Tribromophenol
 Concen: 82.02 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 84176
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 36.7 31.4 47.2

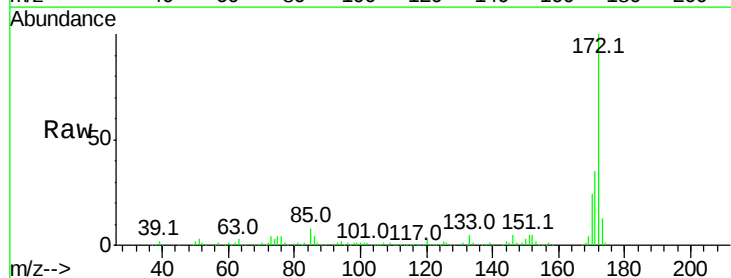


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

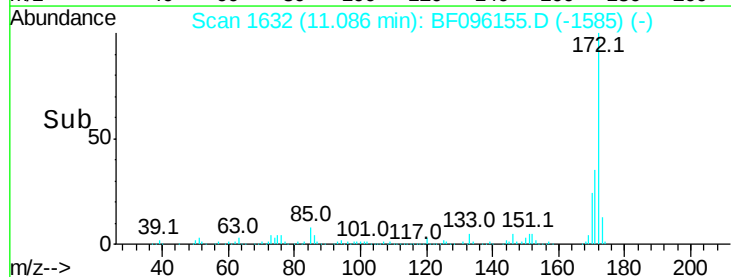
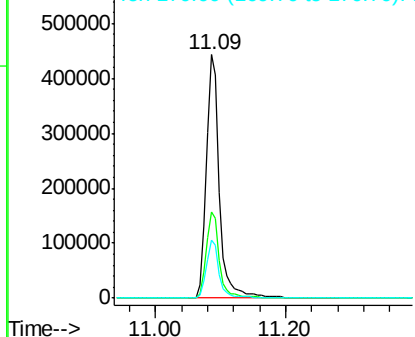


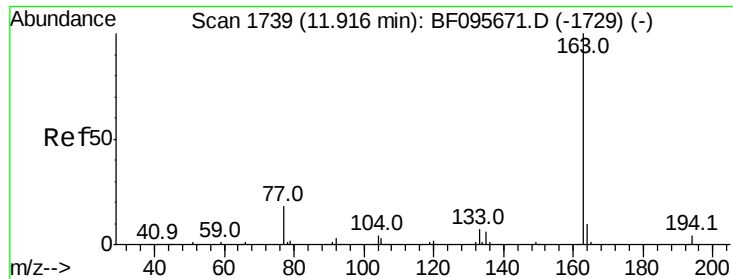
#44
 2-Fluorobiphenyl
 Concen: 73.95 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

Tgt Ion:172 Resp: 616450
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.6 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: 7.82 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096155.D

Acq: 23 Jun 2017 10:14

Instrument :

BNA_F

ClientSampleId :

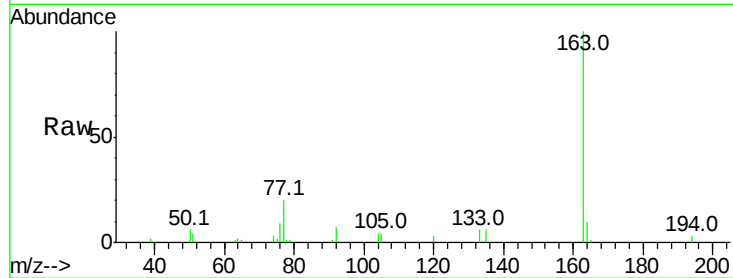
Tot Ion:163 Resp: 68861

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

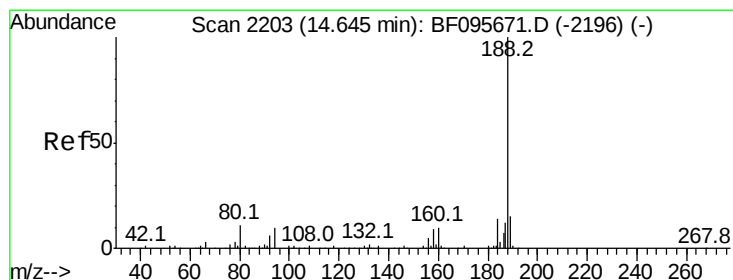
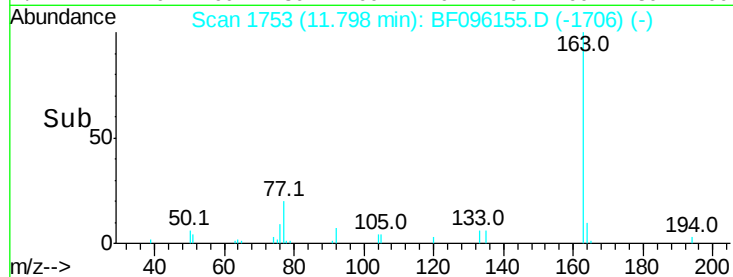
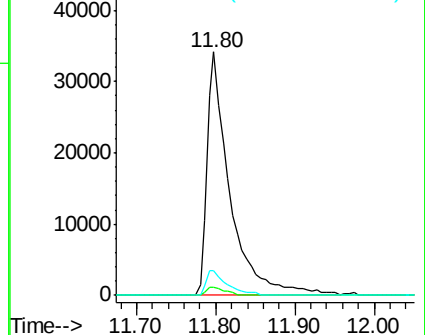
164 10.4 8.4 12.6



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.53 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF096155.D

Acq: 23 Jun 2017 10:14

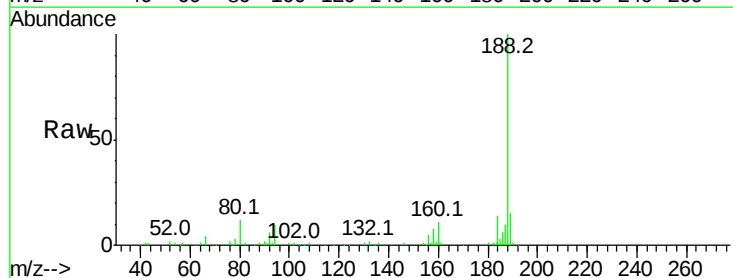
Tgt Ion:188 Resp: 182397

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

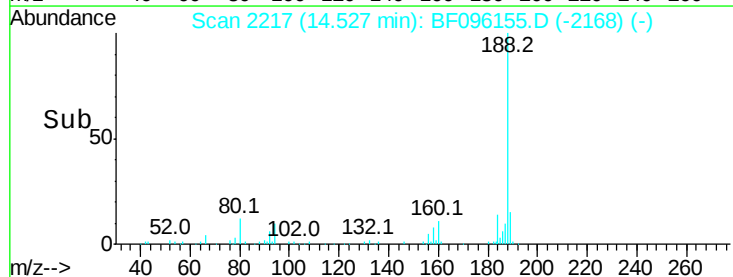
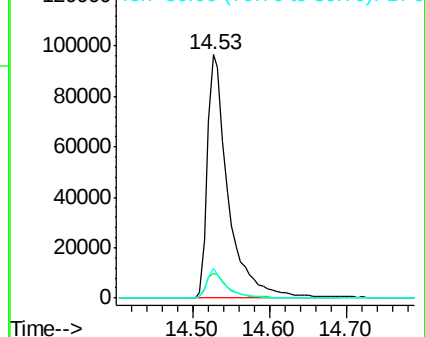
80 12.2 10.2 15.2

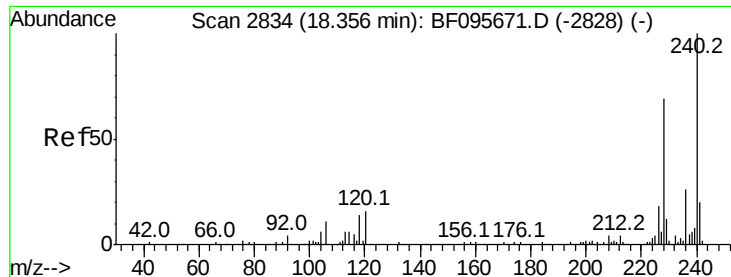


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

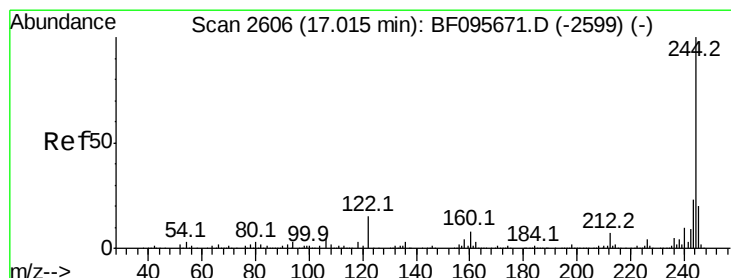
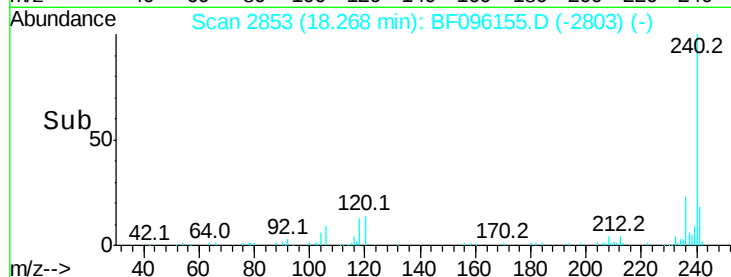
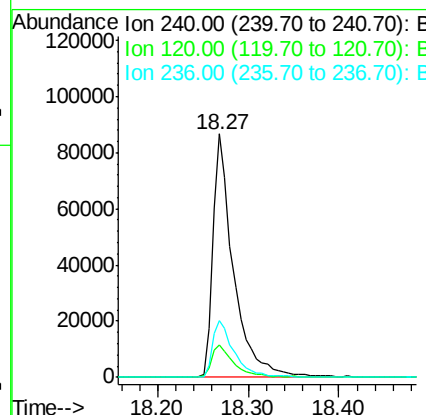
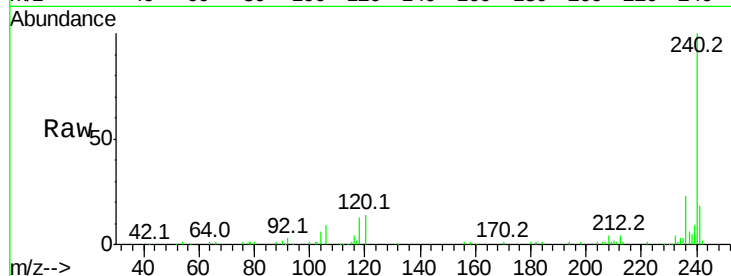




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.27 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

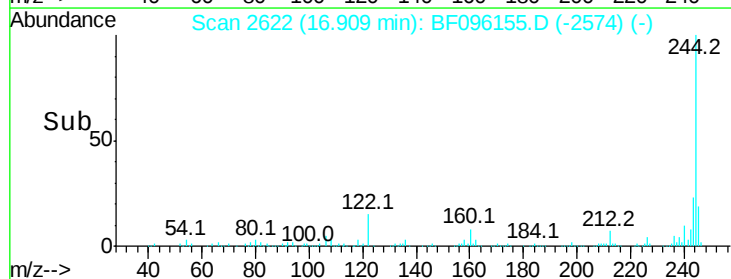
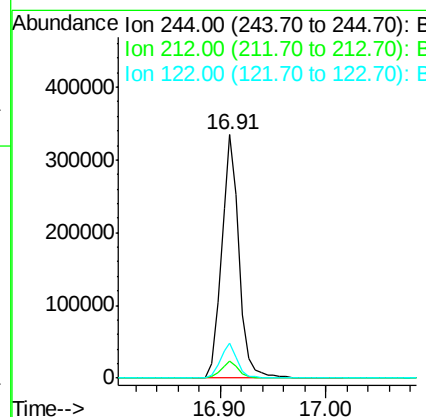
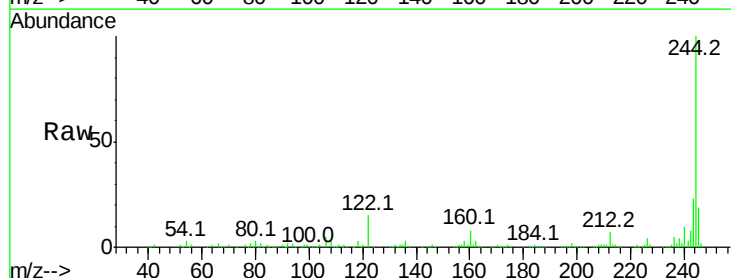
Instrument :
 BNA_F
 ClientSampleId :

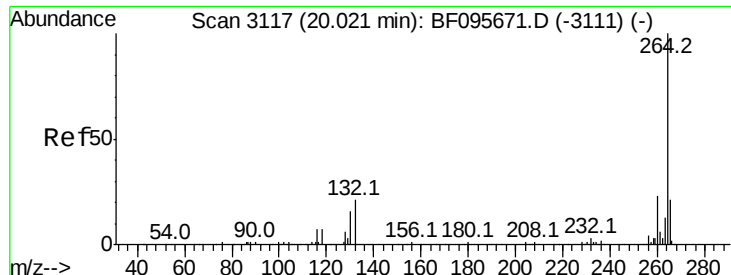
Tot Ion:240 Resp: 137730
 Ion Ratio Lower Upper
 240 100
 120 13.5 5.8 8.8#
 236 23.5 20.5 30.7



#78
 Terphenyl-d14
 Concen: 69.77 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

Tgt Ion:244 Resp: 387226
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.5 10.3 15.5

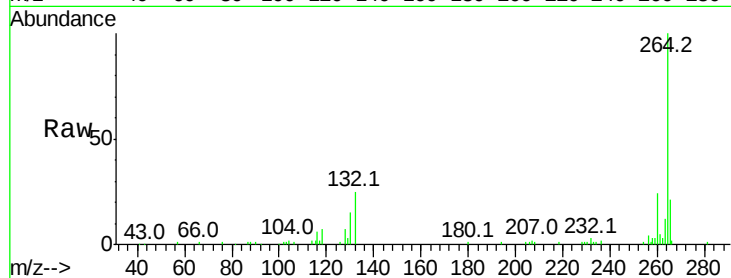




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096155.D
 Acq: 23 Jun 2017 10:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	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

