

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096133.D
 Acq On : 22 Jun 2017 21:09
 Operator : SJ/MA
 Sample : I3657-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 01:19:28 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

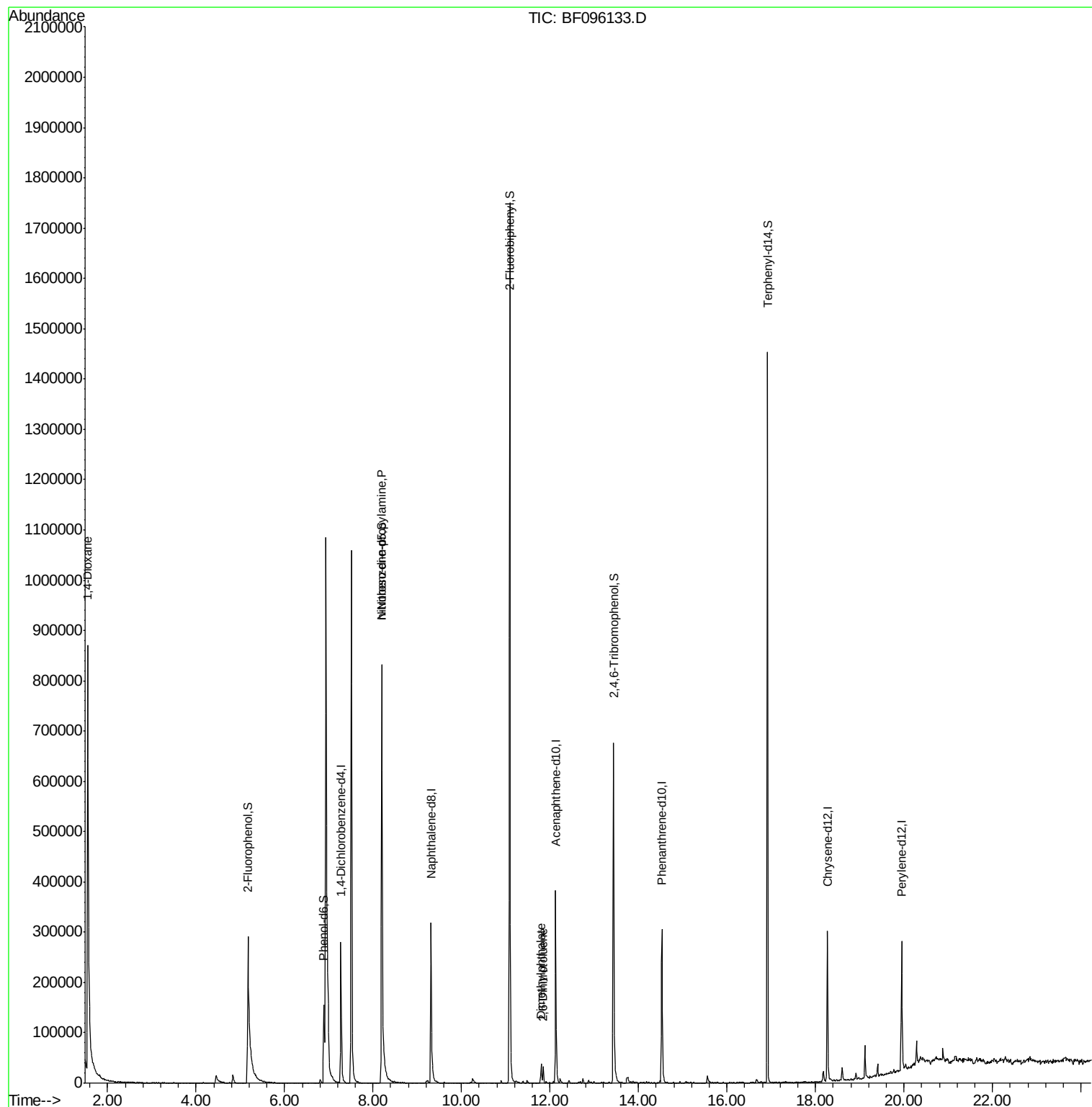
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70615	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	279162	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	117086	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	182551	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	144738	20.00	ng	0.00
86) Perylene-d12	19.94	264	134329	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	291837	65.85	ng	0.00
7) Phenol-d6	6.88	99	234352	44.17	ng	0.00
23) Nitrobenzene-d5	8.20	82	486194	108.16	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	128526	124.07	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	791869	94.11	ng	-0.02
78) Terphenyl-d14	16.92	244	555102	95.18	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.55	88	42036	19.94	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	59466	17.69	ng	# 75
49) Dimethylphthalate	11.80	163	33671	3.79	ng	# 98
50) 2,6-Dinitrotoluene	11.84	165	4950	2.55	ng	# 31

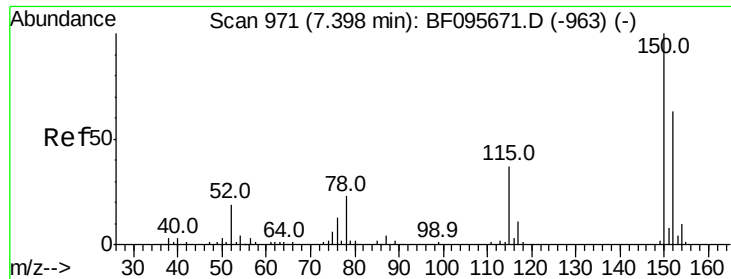
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096133.D
Acq On : 22 Jun 2017 21:09
Operator : SJ/MA
Sample : I3657-14
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 23 01:19:28 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



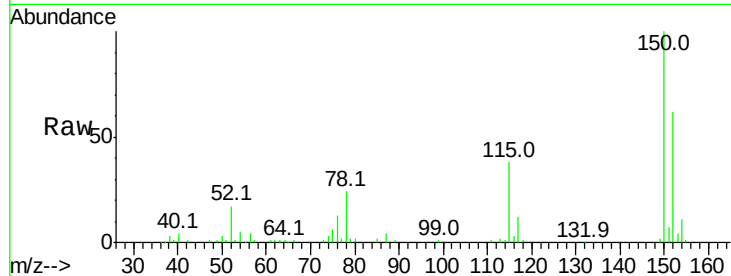


#1

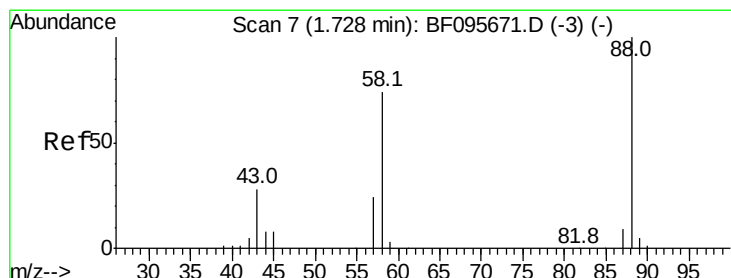
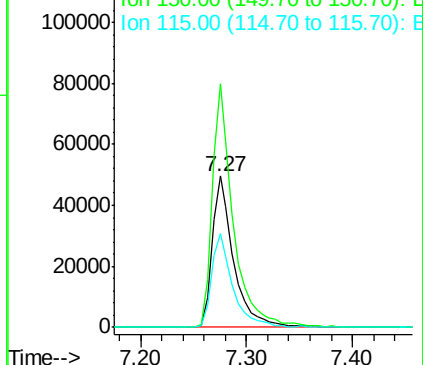
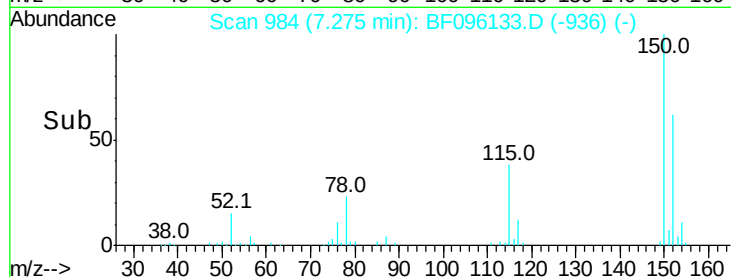
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70615
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 62.1 52.2 78.2



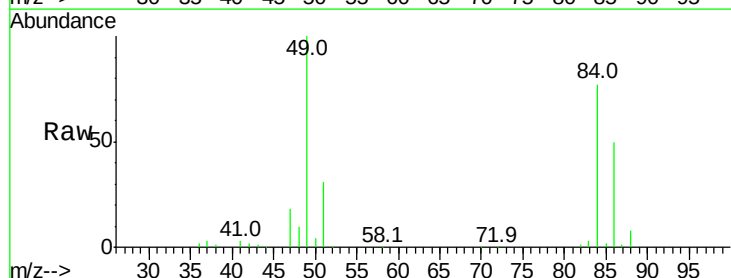
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



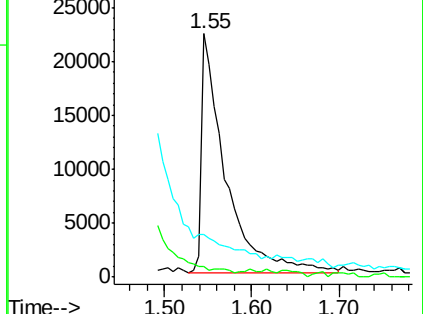
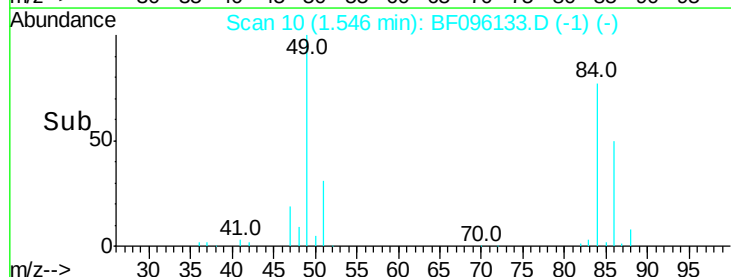
#2

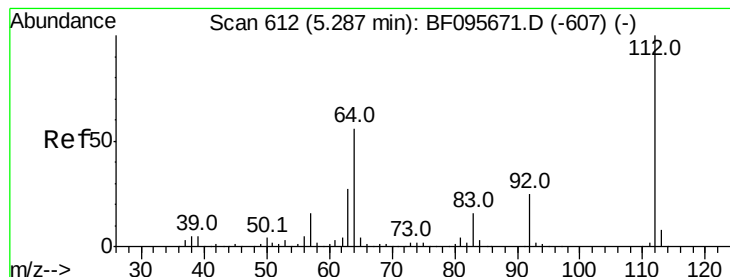
1,4-Dioxane
Concen: 19.94 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

Tgt Ion: 88 Resp: 42036
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

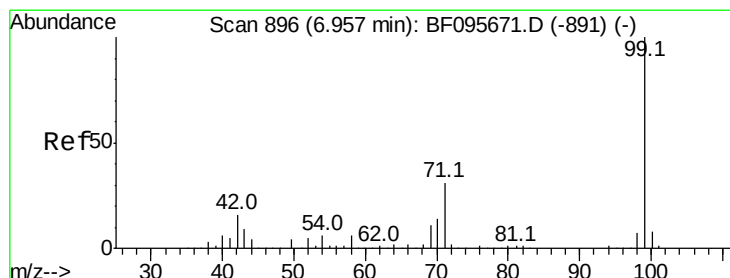
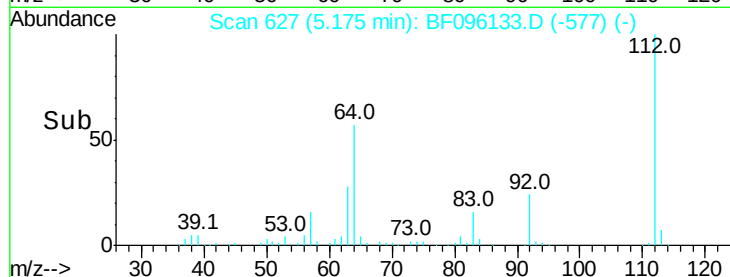
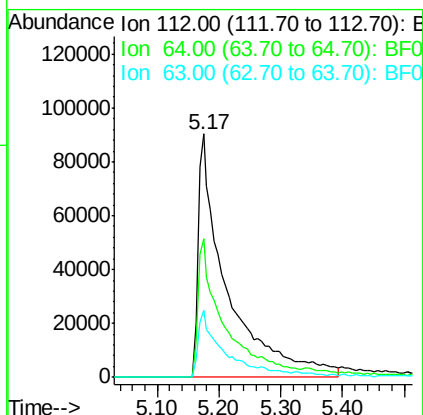
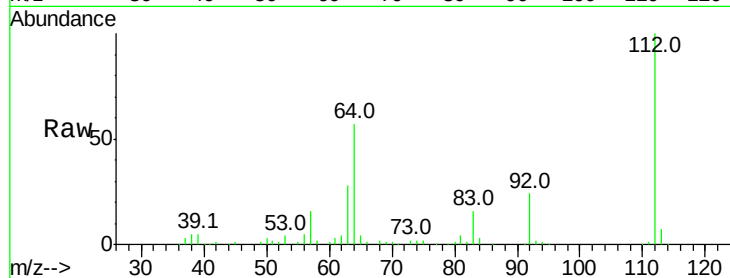




#5
 2-Fluorophenol
 Concen: 65.85 ng
 RT: 5.17 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

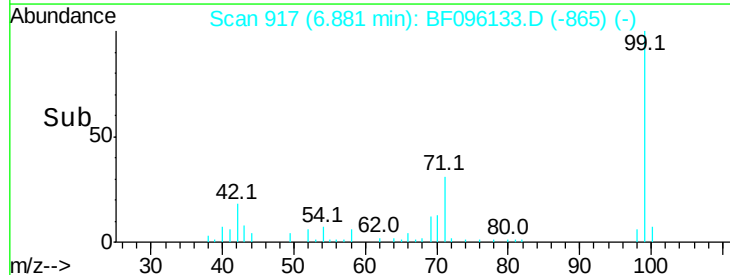
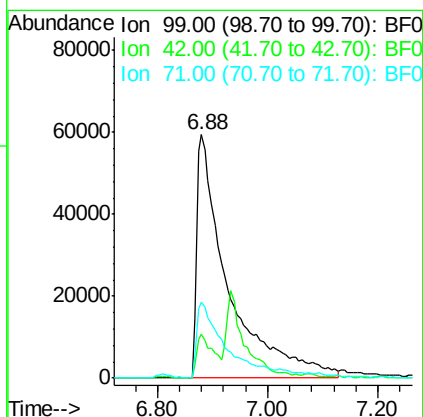
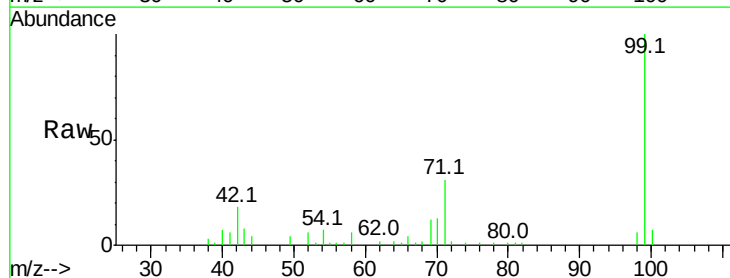
Instrument :
 BNA_F
 ClientSampleId :

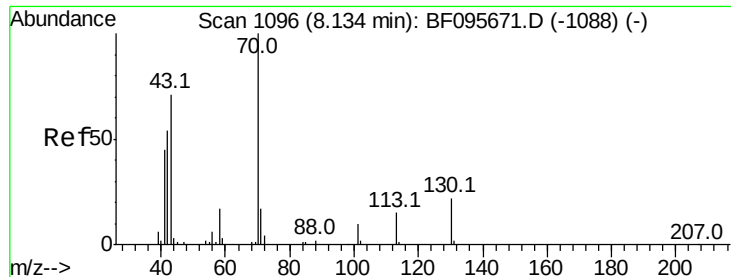
Tot Ion	Ratio	Lower	Upper
112	100		
64	56.9	46.0	69.0
63	27.5	23.4	35.0



#7
 Phenol-d6
 Concen: 44.17 ng
 RT: 6.88 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.1	13.5	20.3
71	31.4	24.5	36.7





#19

n-Nitroso-di-n-propylamine

Concen: 17.69 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096133.D

Acq: 22 Jun 2017 21:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 59466

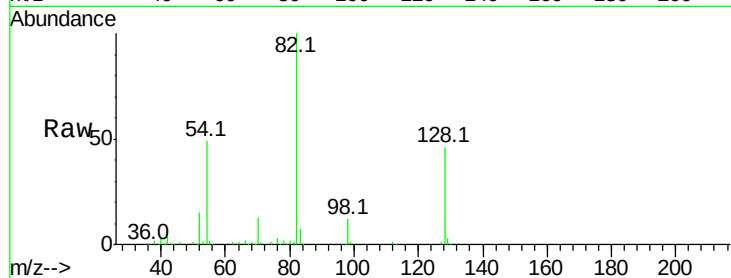
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

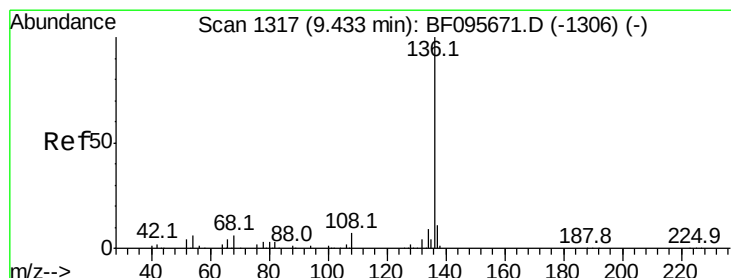
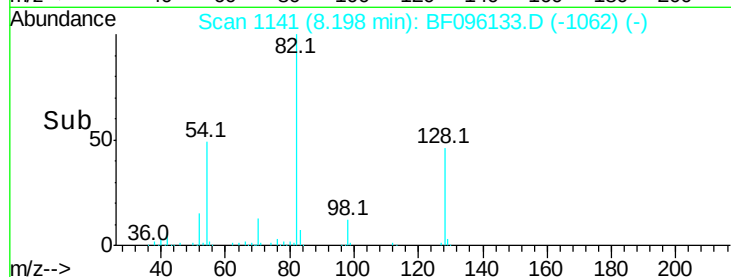
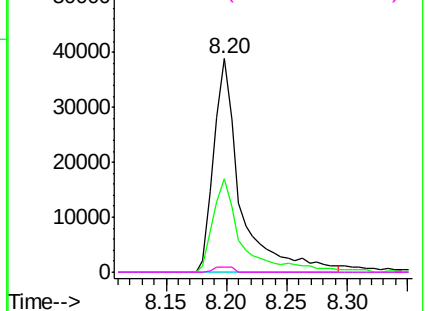


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF096133.D

Acq: 22 Jun 2017 21:09

Tgt Ion:136 Resp: 279162

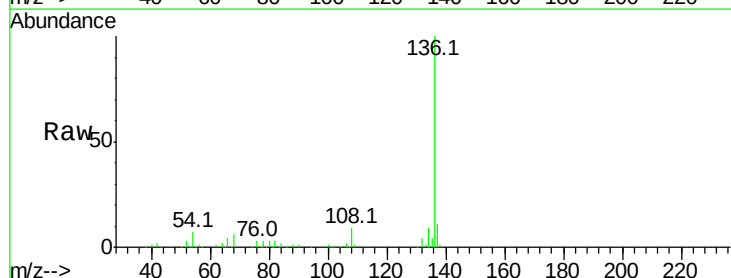
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

68 6.0 4.1 6.1

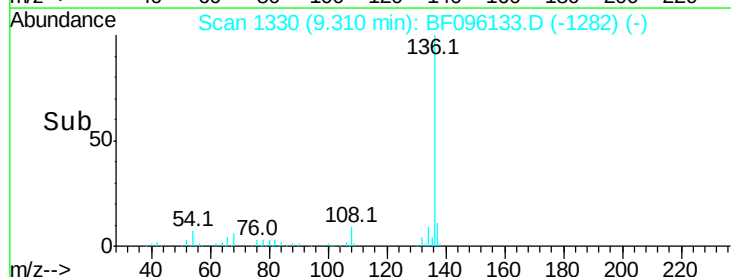
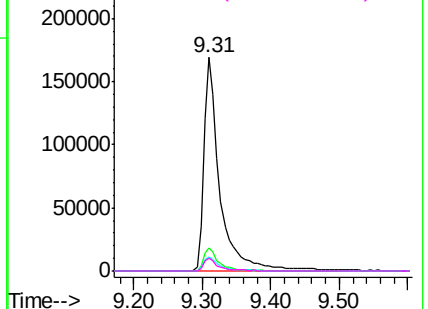


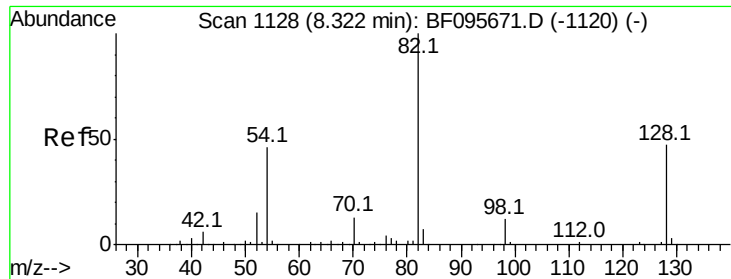
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

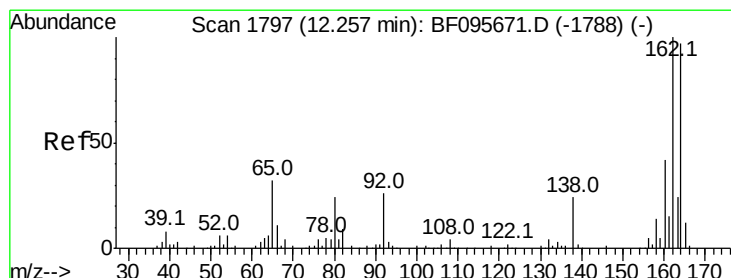
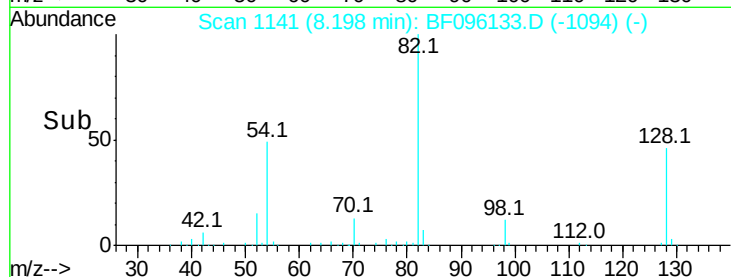
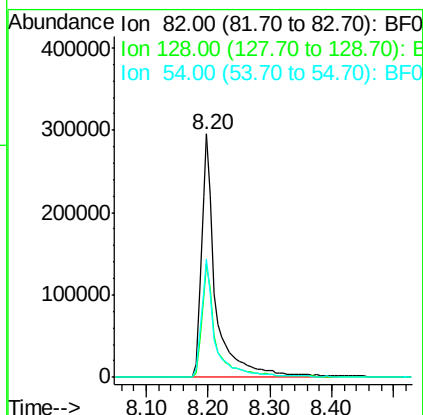
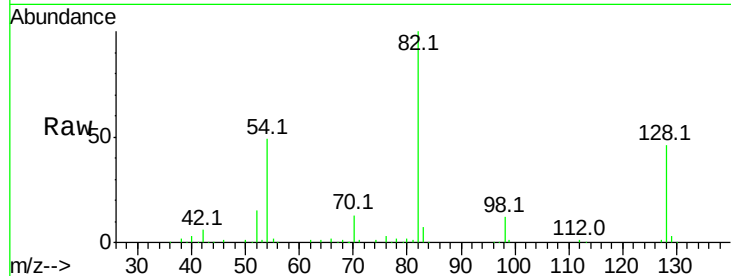




#23
Nitrobenzene-d5
Concen: 108.16 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

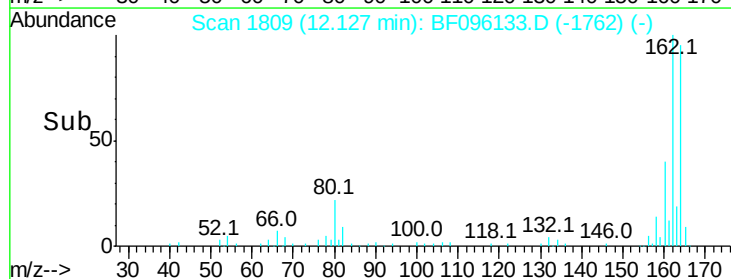
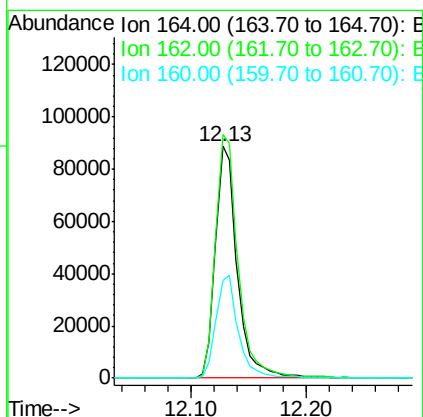
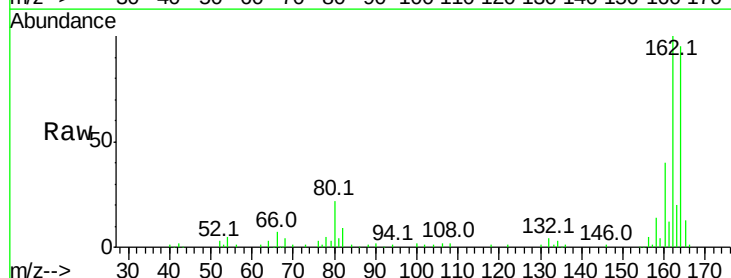
Instrument :
BNA_F
ClientSampleId :

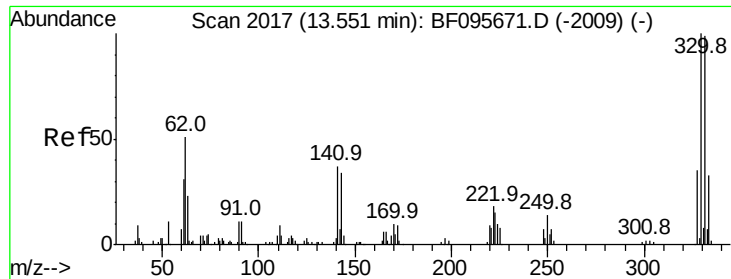
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.0	51.0
54	48.5	42.2	63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	82.6	123.8
160	41.9	36.2	54.2

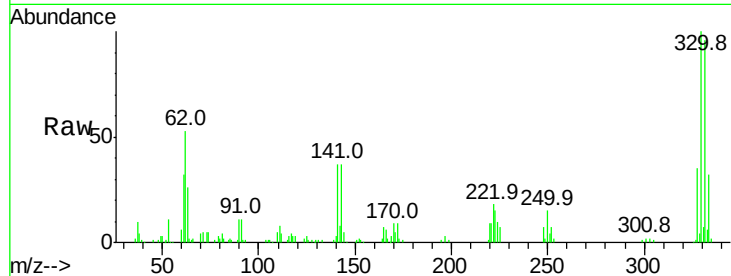




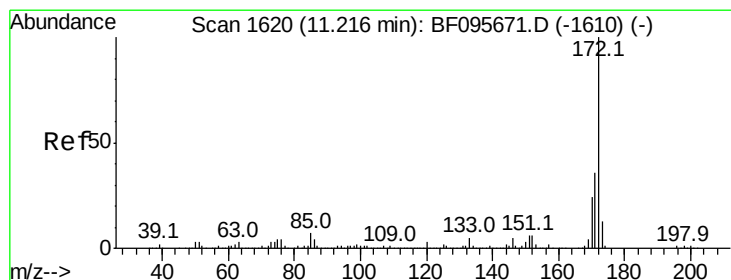
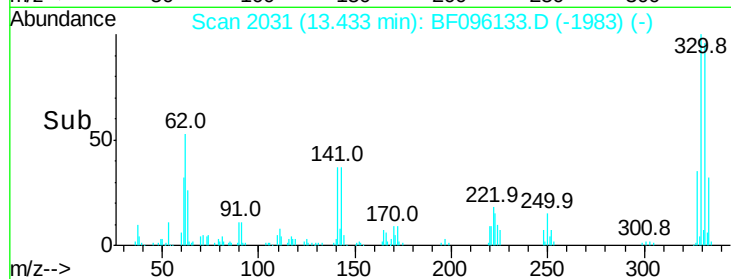
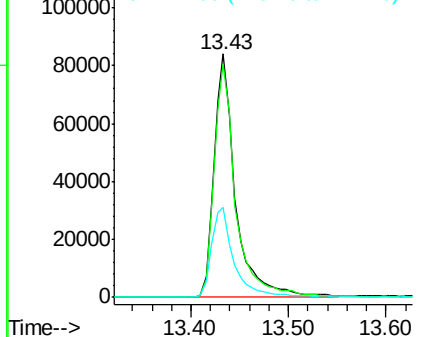
#41
 2,4,6-Tribromophenol
 Concen: 124.07 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 128526
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 38.5 31.4 47.2

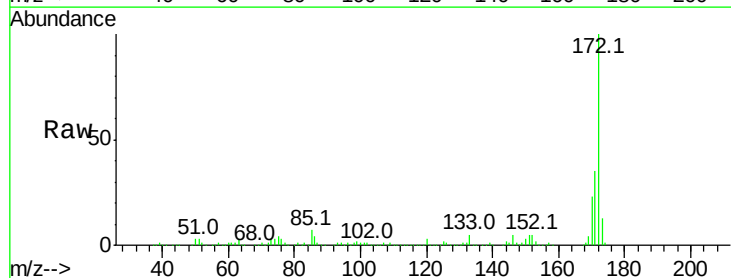


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

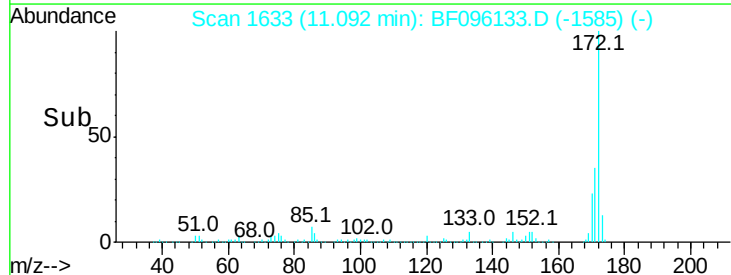
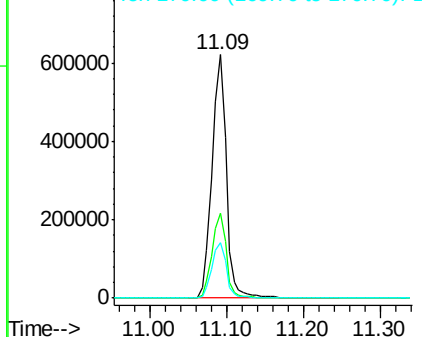


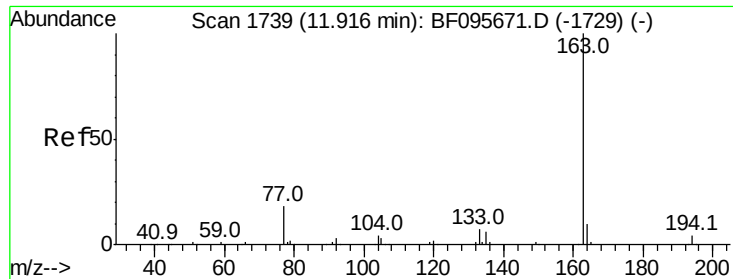
#44
 2-Fluorobiphenyl
 Concen: 94.11 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

Tgt Ion:172 Resp: 791869
 Ion Ratio Lower Upper
 172 100
 171 34.8 29.6 44.4
 170 23.0 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: 3.79 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096133.D

Acq: 22 Jun 2017 21:09

Instrument :

BNA_F

ClientSampled :

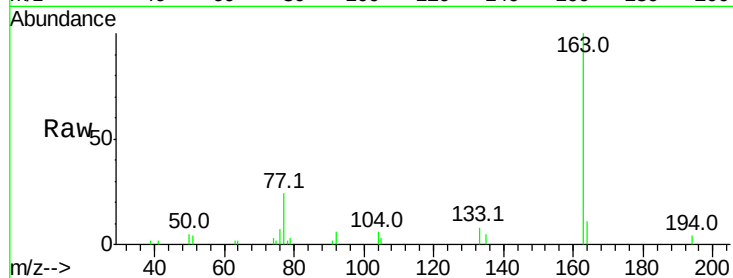
Tot Ion:163 Resp: 33671

Ion Ratio Lower Upper

163 100

194 4.3 2.6 4.0#

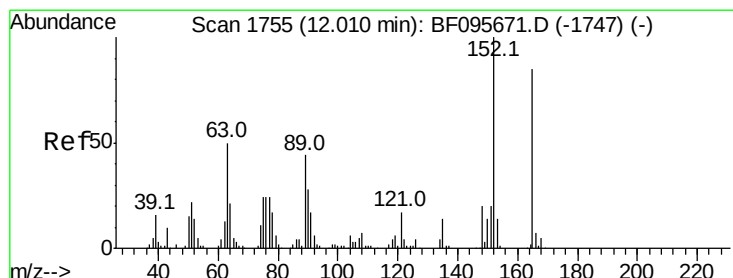
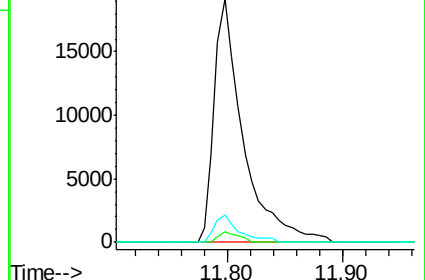
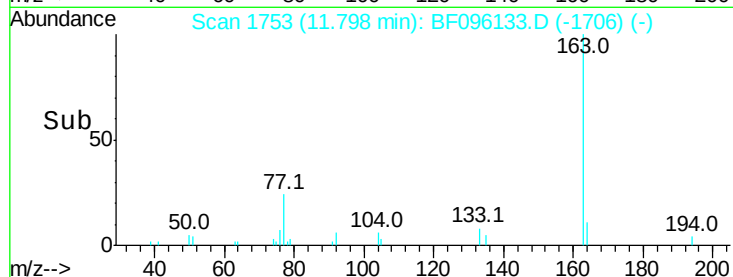
164 11.0 8.4 12.6



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: 2.55 ng

RT: 11.84 min Scan# 1761

Delta R.T. -0.07 min

Lab File: BF096133.D

Acq: 22 Jun 2017 21:09

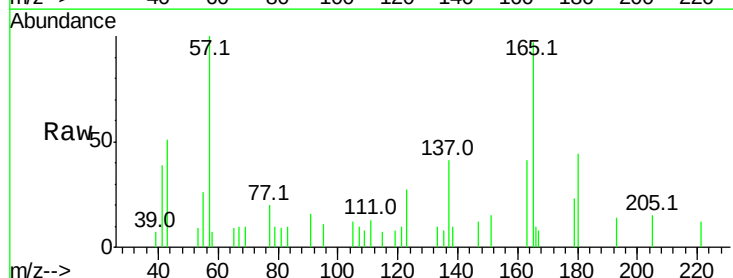
Tgt Ion:165 Resp: 4950

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

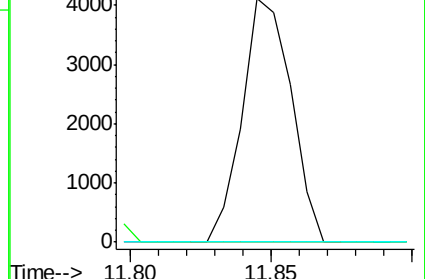
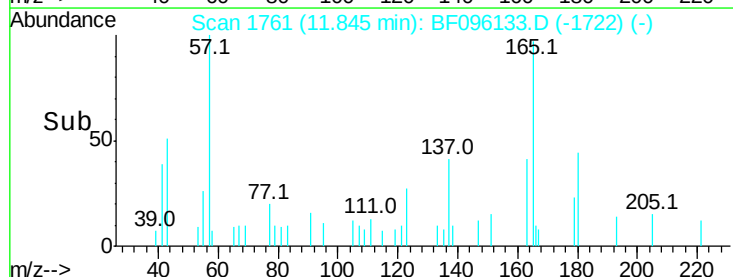
89 0.0 37.1 55.7#

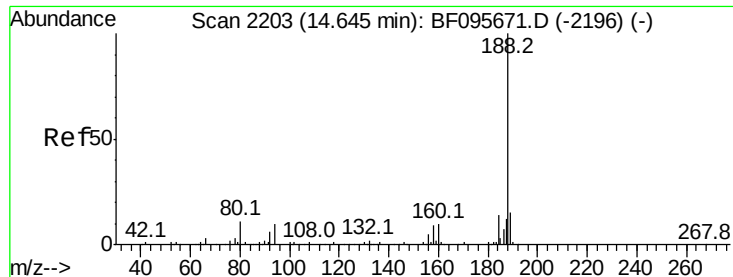


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

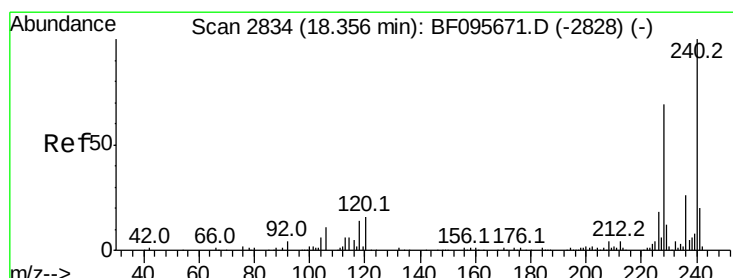
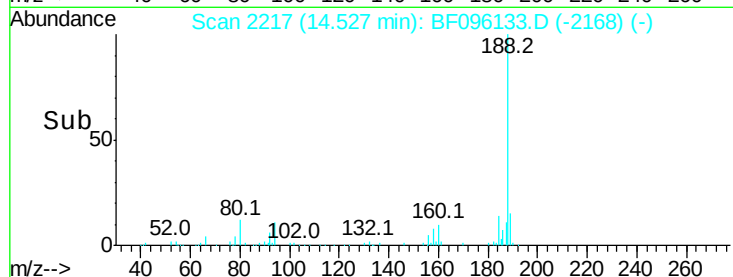
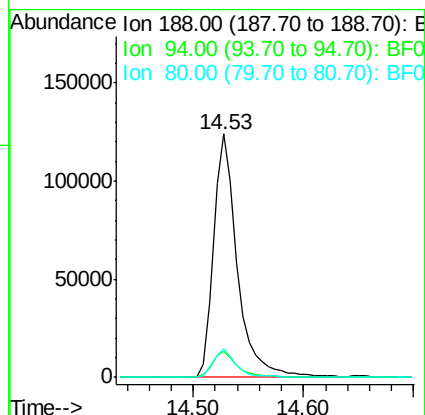
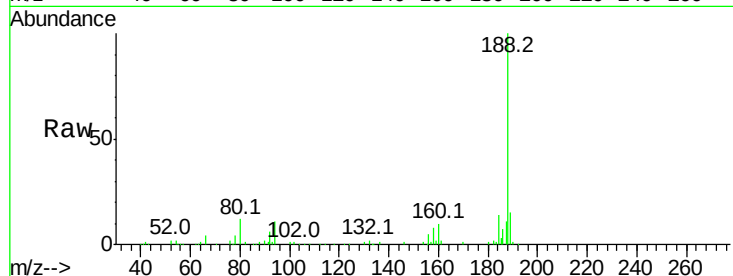




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

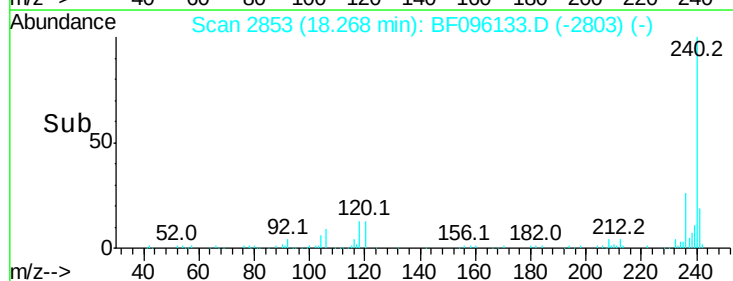
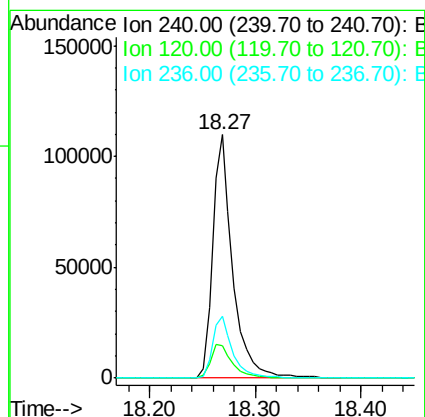
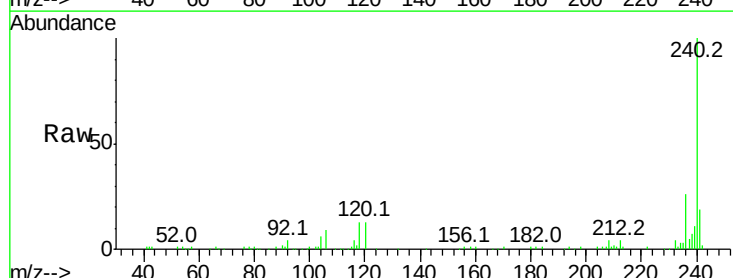
Instrument :
BNA_F
ClientSampleId :

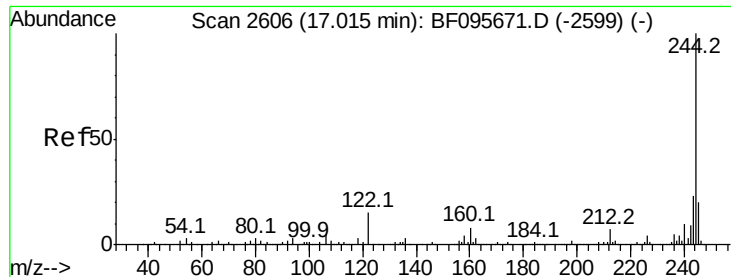
Tot Ion:188 Resp: 182551
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 11.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096133.D
Acq: 22 Jun 2017 21:09

Tgt Ion:240 Resp: 144738
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 25.6 20.5 30.7

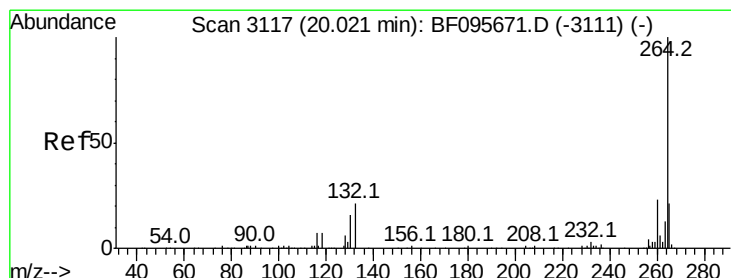
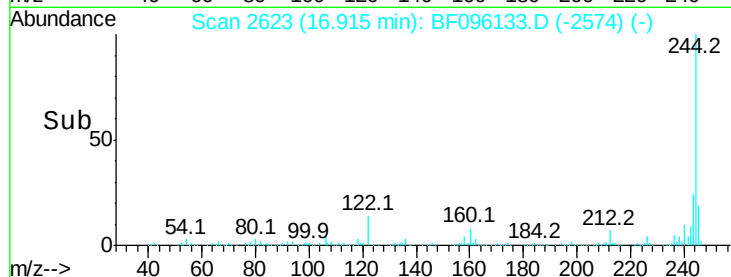
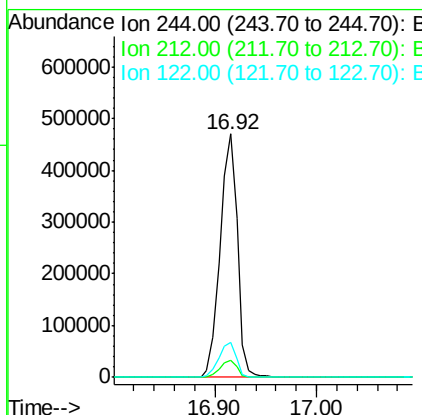
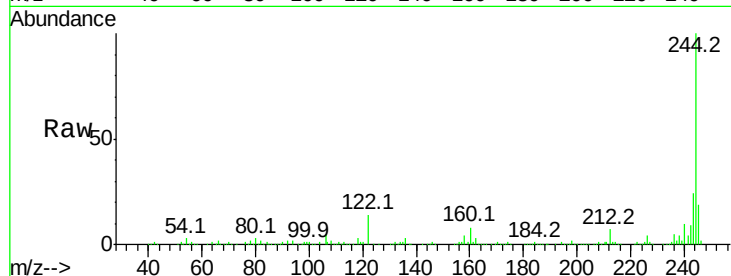




#78
 Terphenyl-d14
 Concen: 95.18 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 555102
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096133.D
 Acq: 22 Jun 2017 21:09

Tgt Ion:264 Resp: 134329
 Ion Ratio Lower Upper
 264 100
 260 21.4 19.5 29.3
 265 21.1 17.2 25.8

