

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096150.D
 Acq On : 23 Jun 2017 7:33
 Operator : SJ/MA
 Sample : I3819-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 08:32:16 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

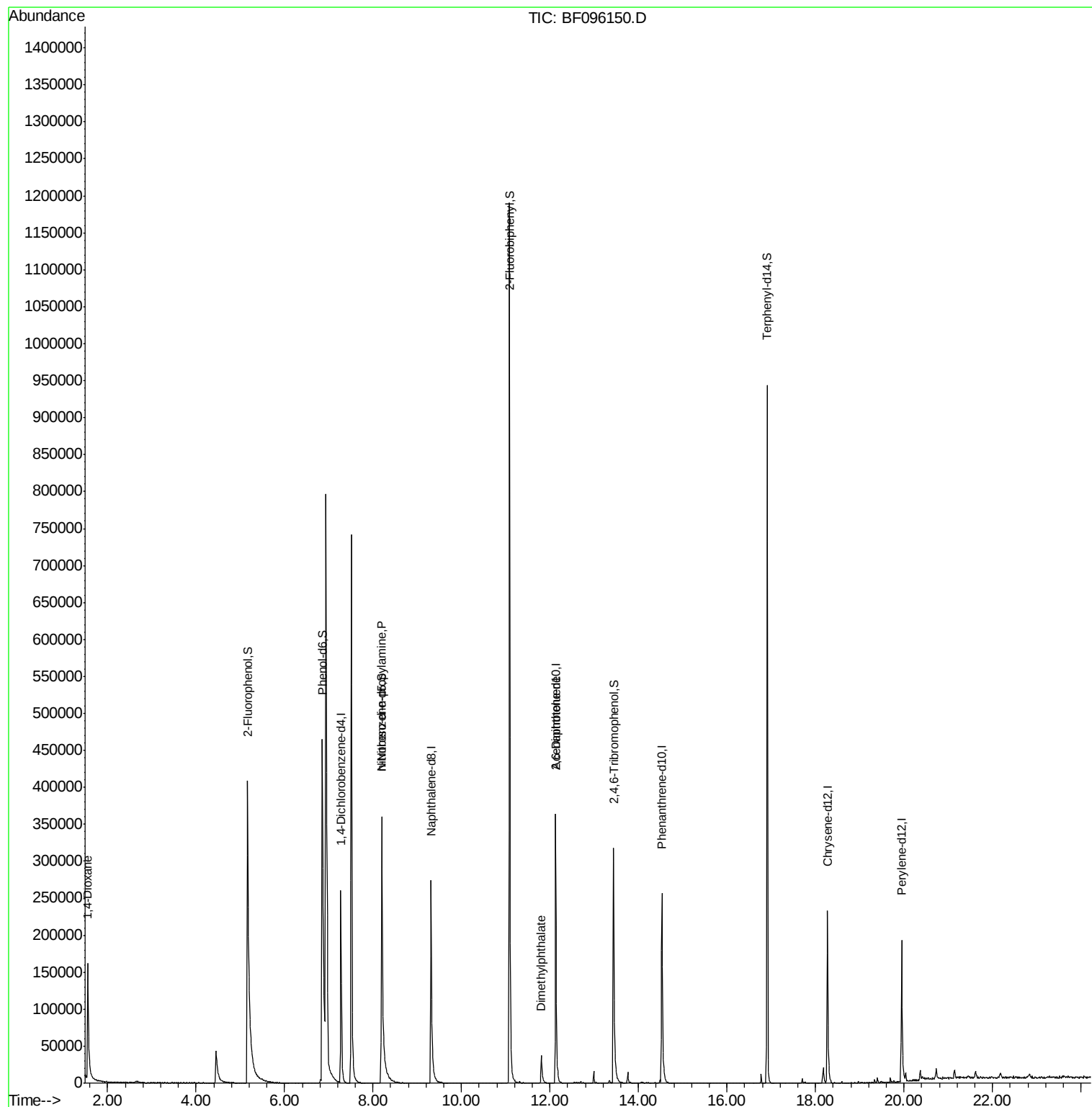
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	69791	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	273986	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	117169	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	187339	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	137680	20.00	ng	0.00
86) Perylene-d12	19.94	264	118601	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	394465	90.06	ng	-0.02
7) Phenol-d6	6.85	99	499398	95.24	ng	-0.02
23) Nitrobenzene-d5	8.20	82	263677	59.77	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	78583	75.80	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	574591	68.24	ng	-0.02
78) Terphenyl-d14	16.91	244	366824	66.12	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	7700	3.70	ng	# 24
19) n-Nitroso-di-n-propylamine	8.20	70	31666	9.53	ng	# 72
49) Dimethylphthalate	11.80	163	41533	4.67	ng	# 99
50) 2,6-Dinitrotoluene	12.13	165	14454	7.45	ng	# 31

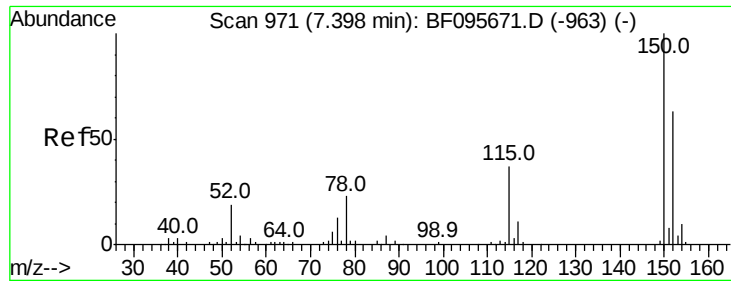
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096150.D

Acq: 23 Jun 2017 7:33

Instrument :

BNA_F

ClientSampleId :

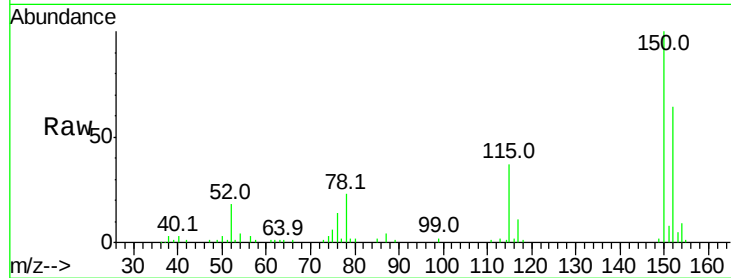
Tot Ion:152 Resp: 69791

Ion Ratio Lower Upper

152 100

150 156.9 126.2 189.2

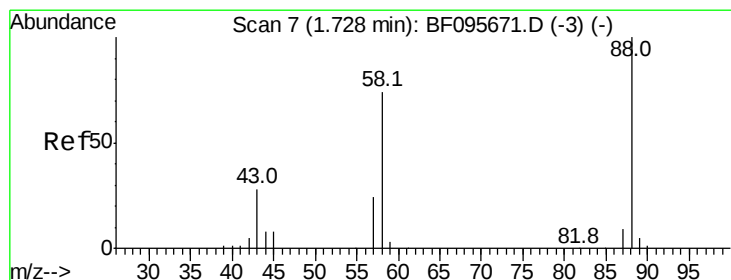
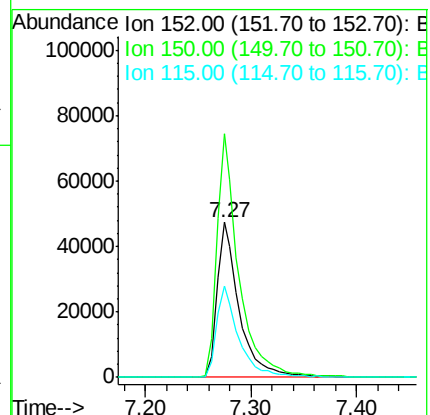
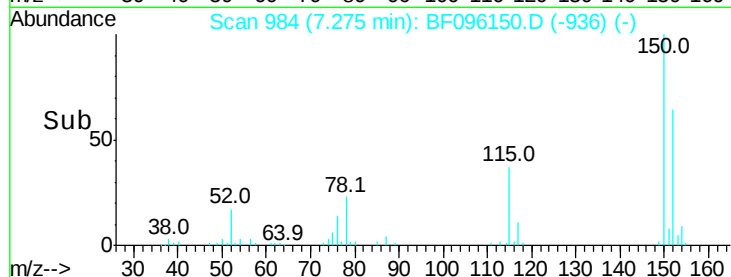
115 58.5 52.2 78.2



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



#2

1,4-Dioxane

Concen: 3.70 ng

RT: 1.55 min Scan# 11

Delta R.T. -0.06 min

Lab File: BF096150.D

Acq: 23 Jun 2017 7:33

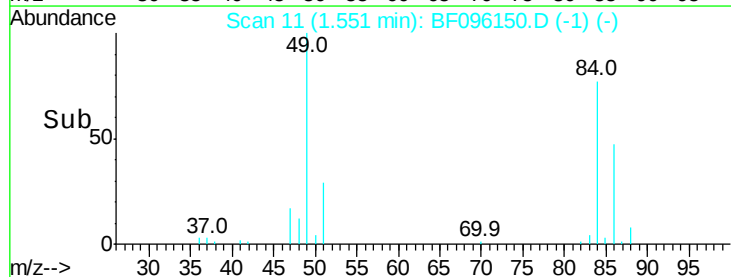
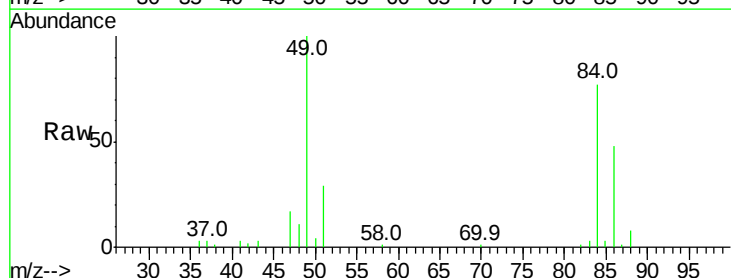
Tgt Ion: 88 Resp: 7700

Ion Ratio Lower Upper

88 100

58 3.8 61.4 92.0#

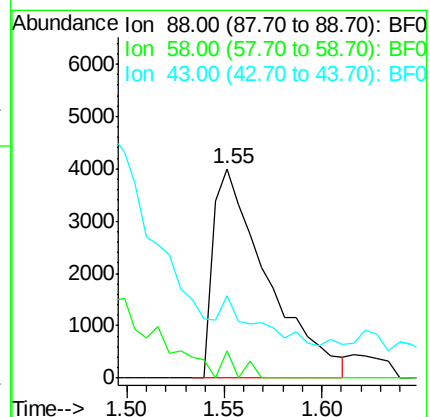
43 0.0 23.4 35.0#

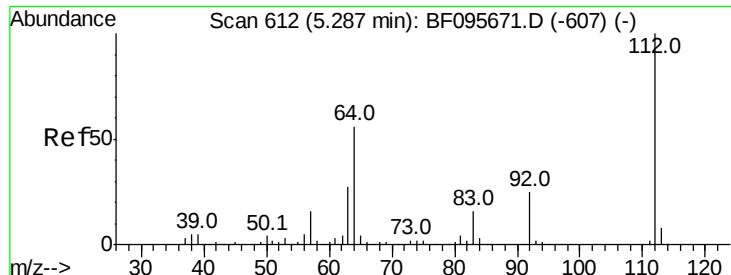


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

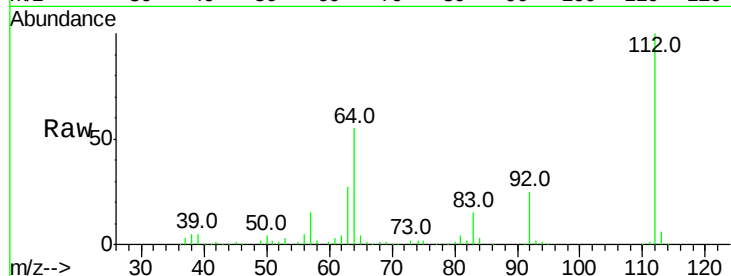




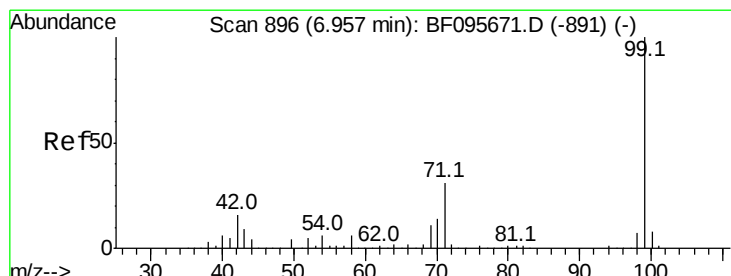
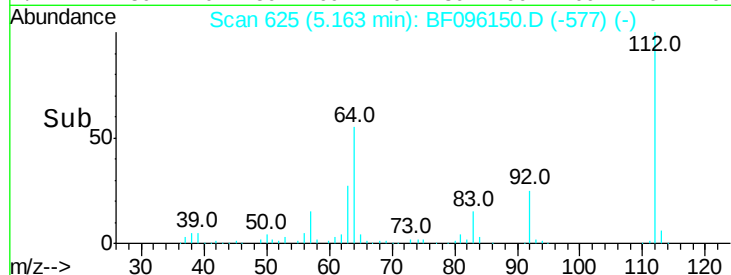
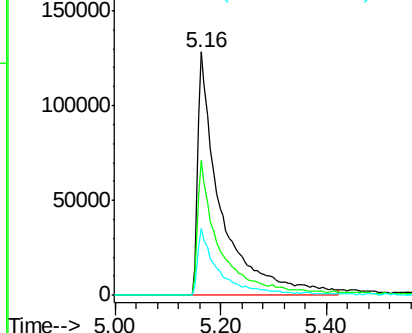
#5
 2-Fluorophenol
 Concen: 90.06 ng
 RT: 5.16 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF096150.D
 Acq: 23 Jun 2017 7:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 112 Resp: 394465
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.5 23.4 35.0

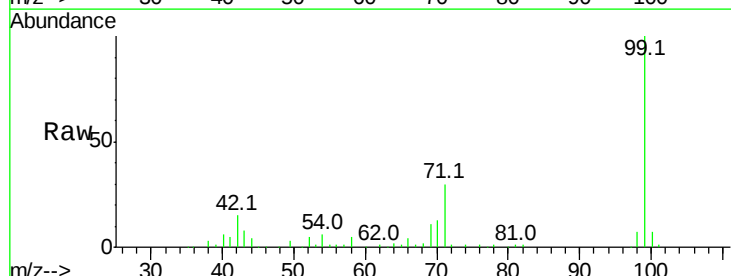


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

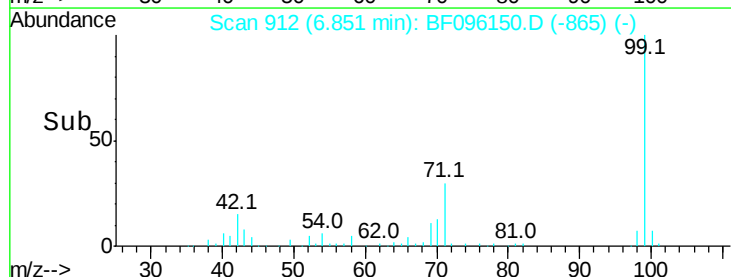
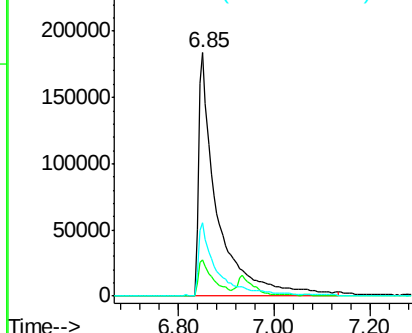


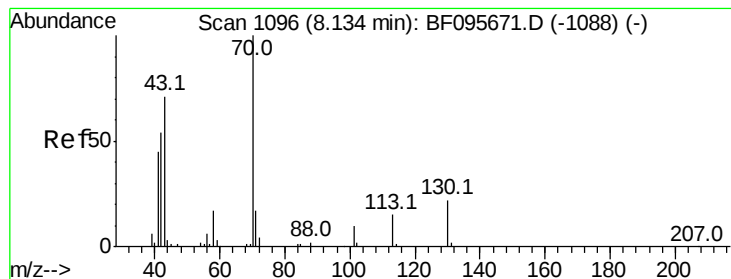
#7
 Phenol-d6
 Concen: 95.24 ng
 RT: 6.85 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF096150.D
 Acq: 23 Jun 2017 7:33

Tgt Ion: 99 Resp: 499398
 Ion Ratio Lower Upper
 99 100
 42 14.9 13.5 20.3
 71 30.1 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: 9.53 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096150.D

Acq: 23 Jun 2017 7:33

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 31666

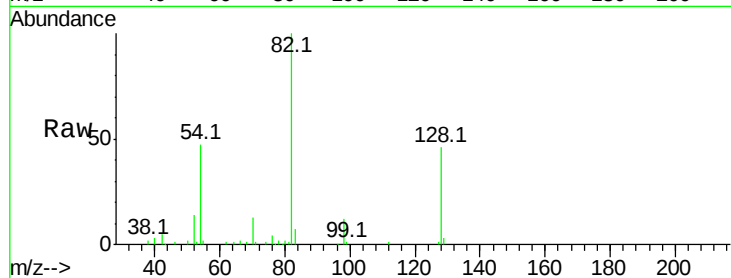
Ion Ratio Lower Upper

70 100

42 42.0 47.2 70.8#

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#



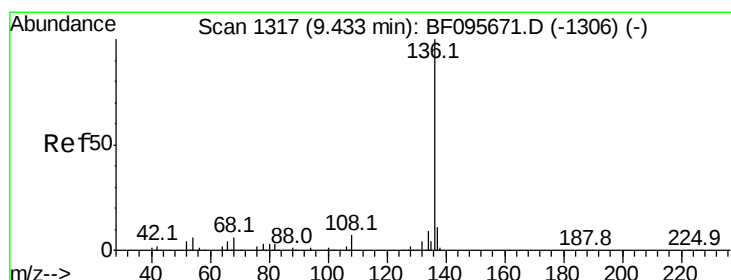
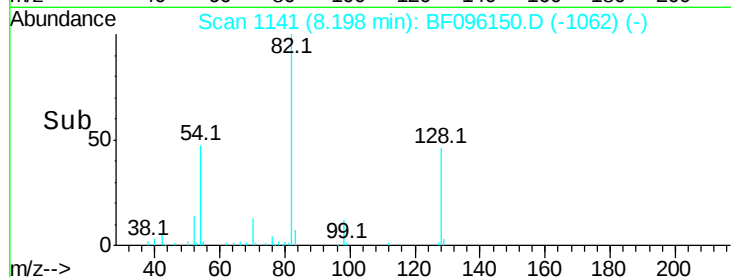
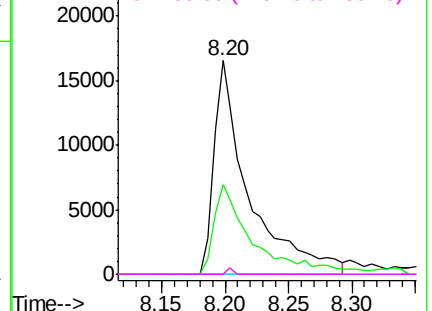
Abundance

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): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.31 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF096150.D

Acq: 23 Jun 2017 7:33

Tgt Ion: 136 Resp: 273986

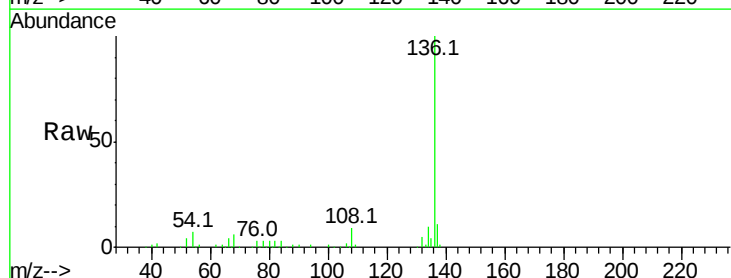
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.9 4.9 7.3

68 6.1 4.1 6.1



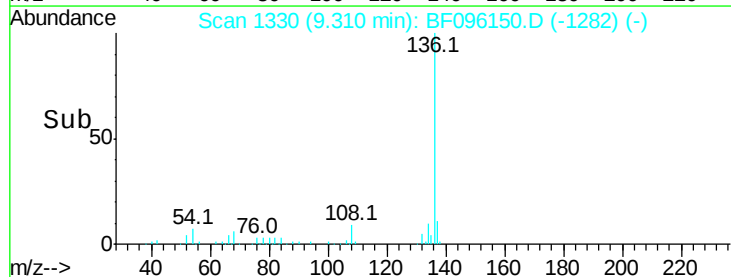
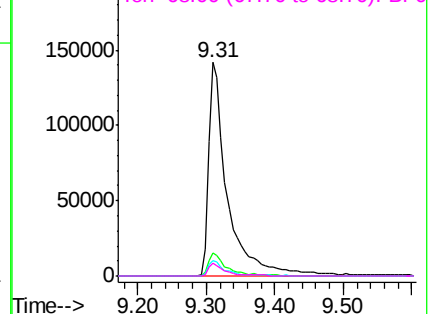
Abundance

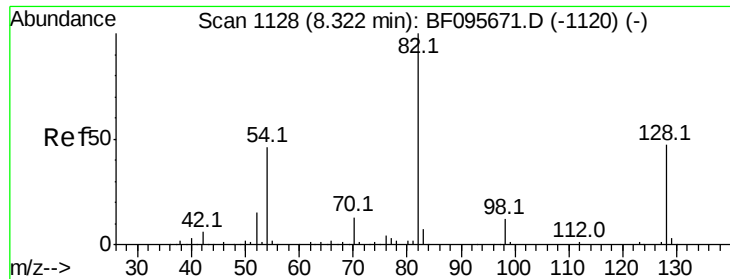
Ion 136.00 (135.70 to 136.70): E

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

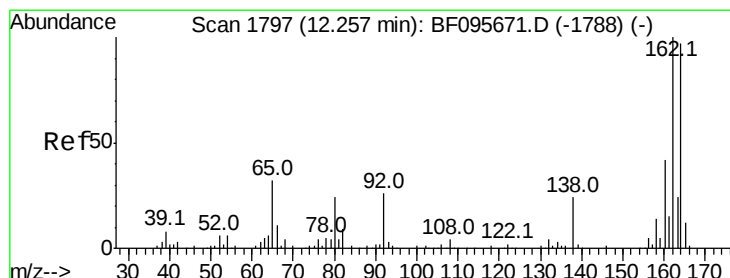
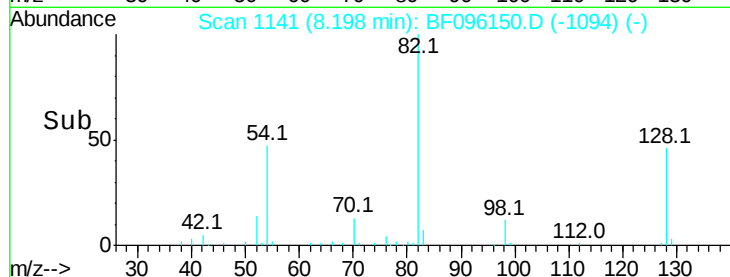
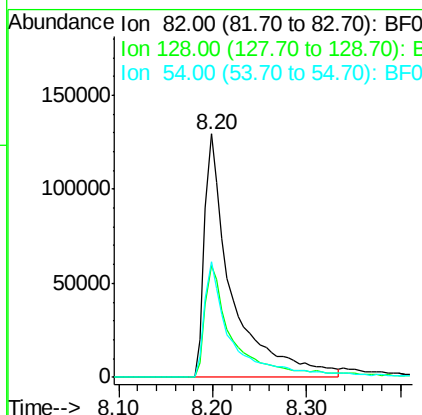
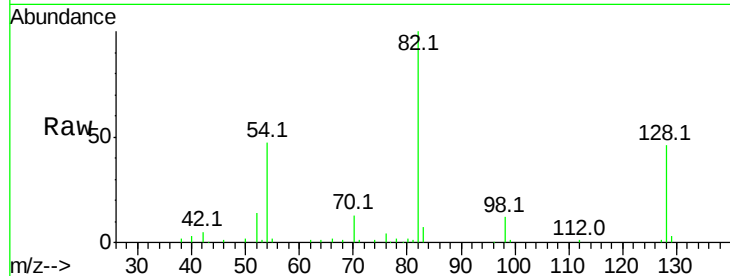




#23
Nitrobenzene-d5
Concen: 59.77 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096150.D
Acq: 23 Jun 2017 7:33

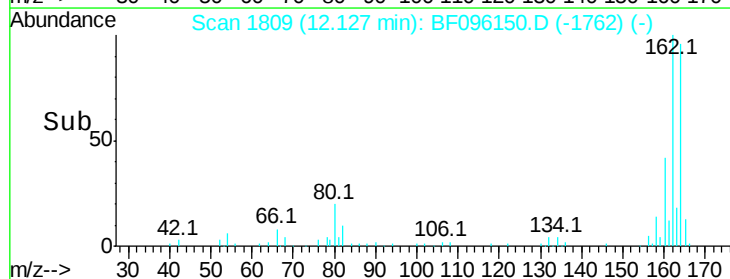
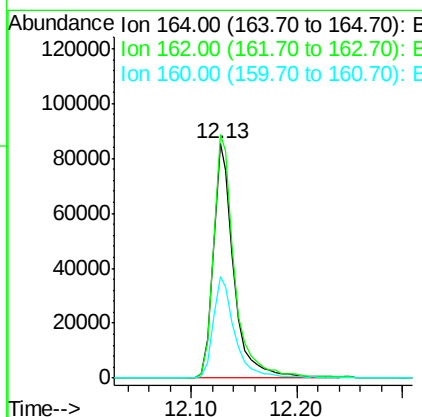
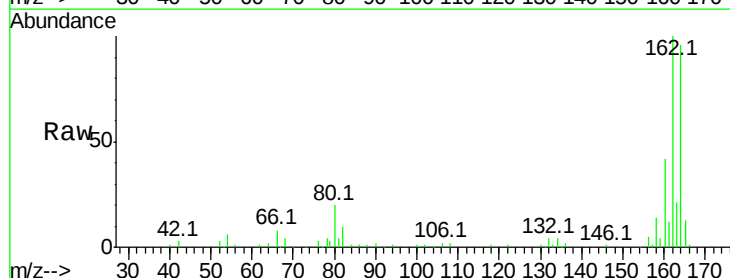
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 263677
Ion Ratio Lower Upper
82 100
128 46.0 34.0 51.0
54 47.5 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: BF096150.D
Acq: 23 Jun 2017 7:33

Tgt Ion:164 Resp: 117169
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 43.2 36.2 54.2

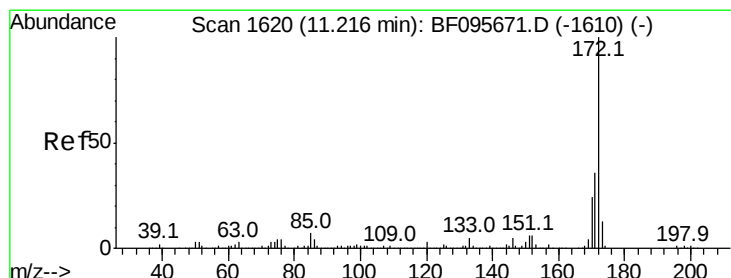
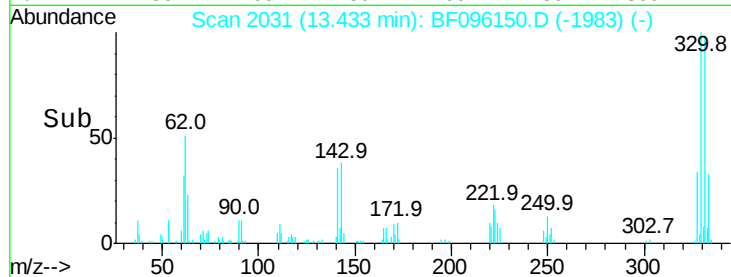
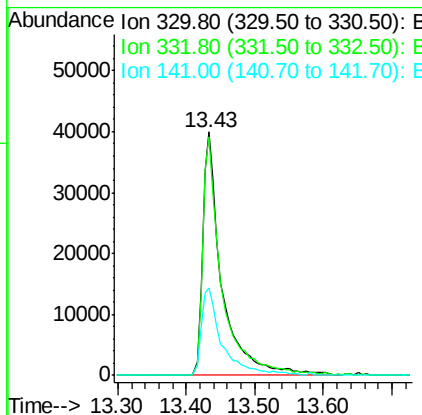
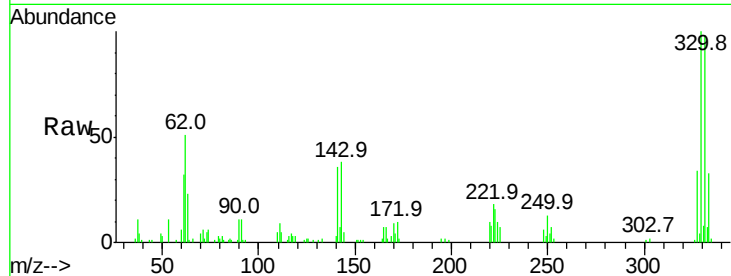




#41
 2,4,6-Tribromophenol
 Concen: 75.80 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096150.D
 Acq: 23 Jun 2017 7:33

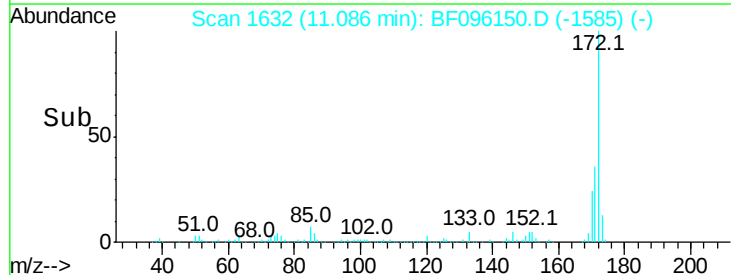
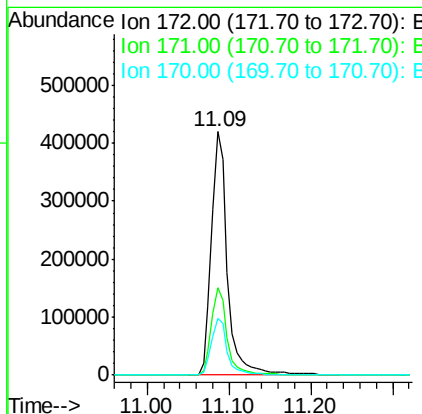
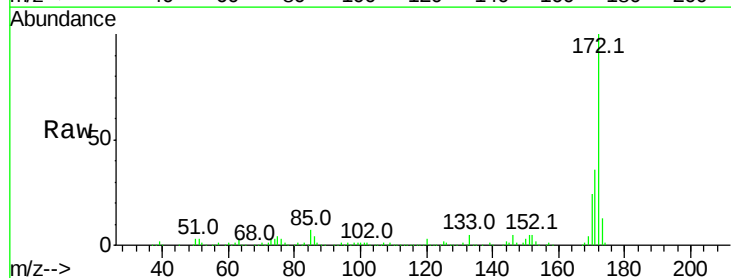
Instrument :
 BNA_F
 ClientSampleId :

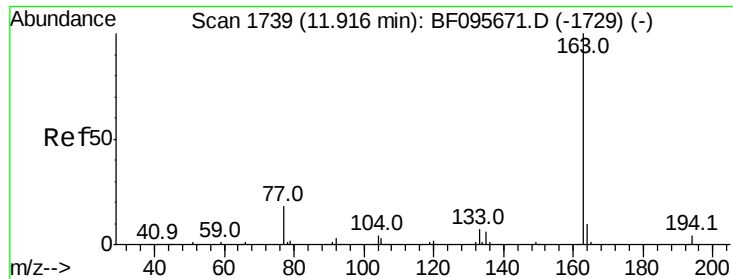
Tot Ion:330 Resp: 78583
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 115.0
 141 37.2 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 68.24 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096150.D
 Acq: 23 Jun 2017 7:33

Tgt Ion:172 Resp: 574591
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.5 19.8 29.8





#49

Dimethylphthalate

Concen: 4.67 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096150.D

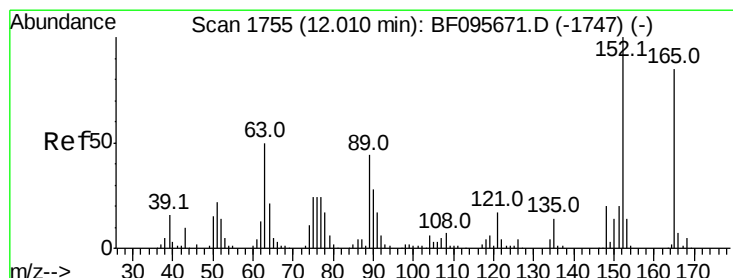
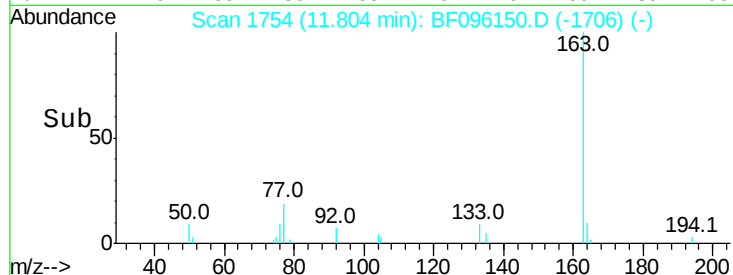
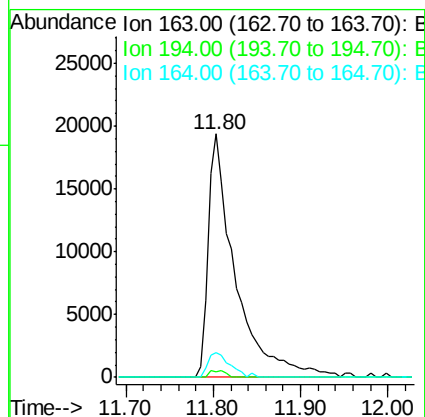
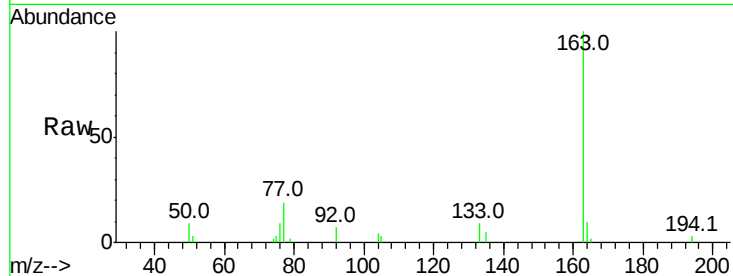
Acq: 23 Jun 2017 7:33

Instrument :

BNA_F

ClientSampled :

Tot Ion:163	Resp:	41533
Ion Ratio	Lower	Upper
163	100	
194	2.5	2.6 4.0#
164	10.2	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.45 ng

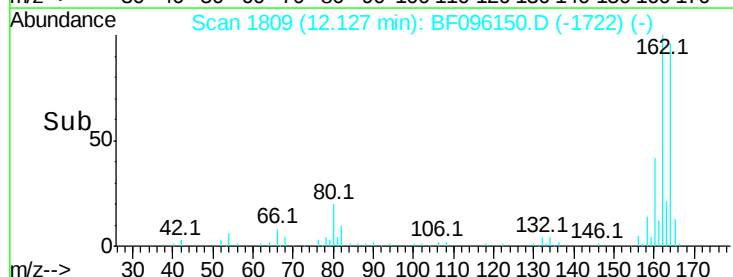
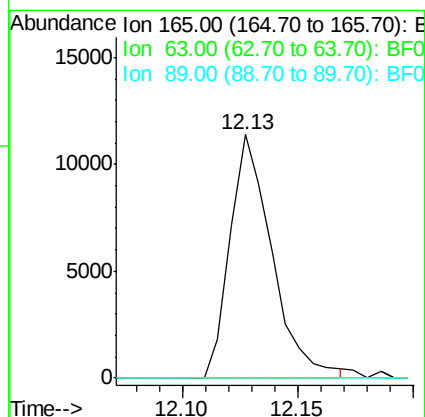
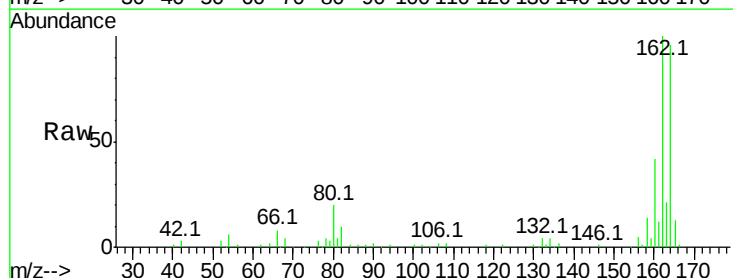
RT: 12.13 min Scan# 1809

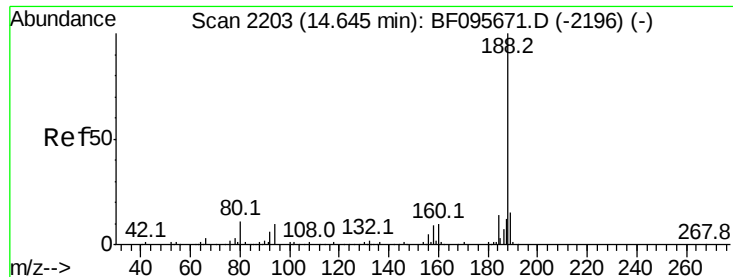
Delta R.T. 0.21 min

Lab File: BF096150.D

Acq: 23 Jun 2017 7:33

Tgt Ion:165	Resp:	14454
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.3 51.5#
89	0.0	37.1 55.7#

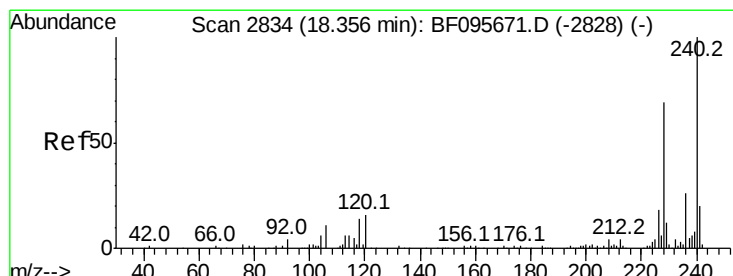
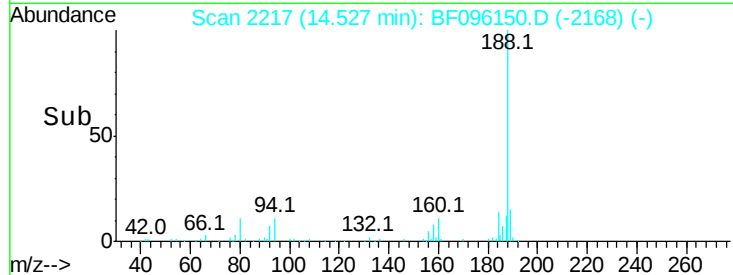
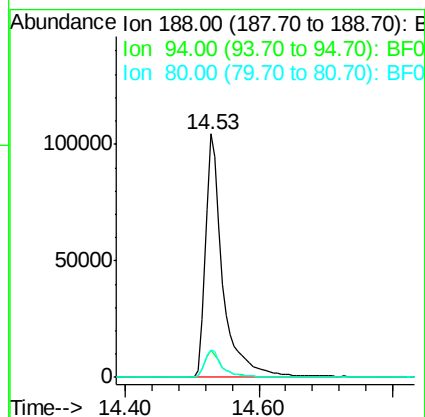
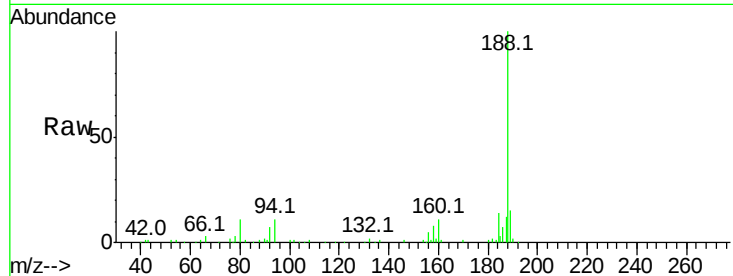




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096150.D
Acq: 23 Jun 2017 7:33

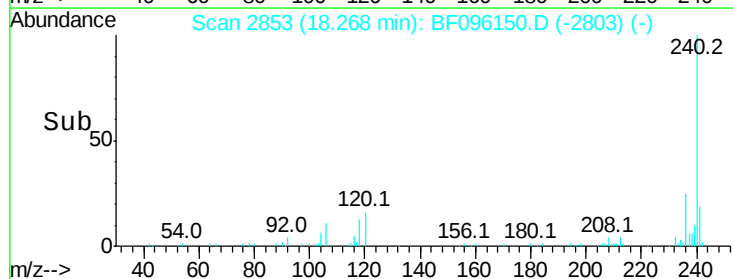
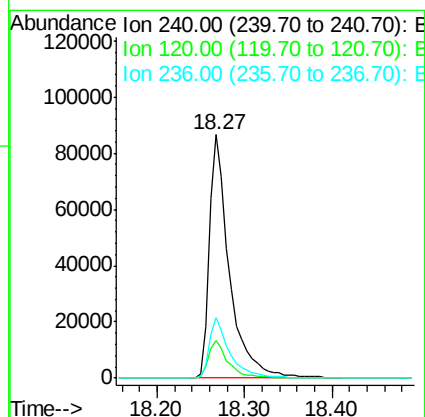
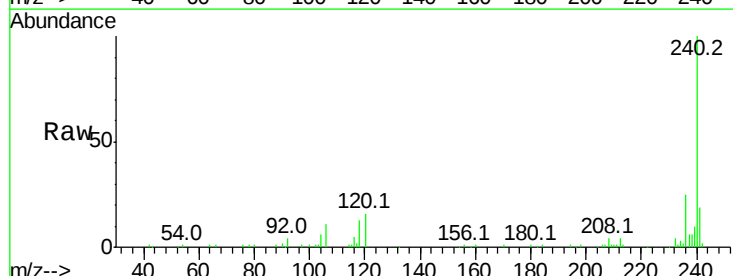
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 187339
Ion Ratio Lower Upper
188 100
94 11.5 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: BF096150.D
Acq: 23 Jun 2017 7:33

Tgt Ion:240 Resp: 137680
Ion Ratio Lower Upper
240 100
120 15.7 5.8 8.8#
236 24.8 20.5 30.7

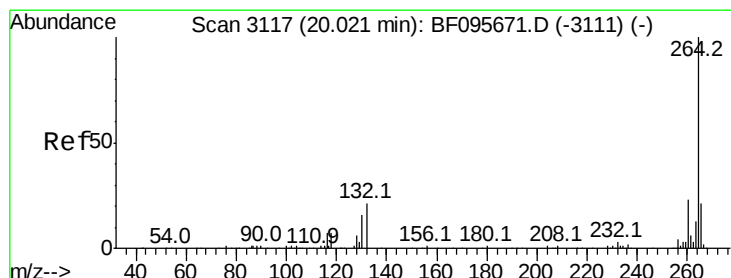
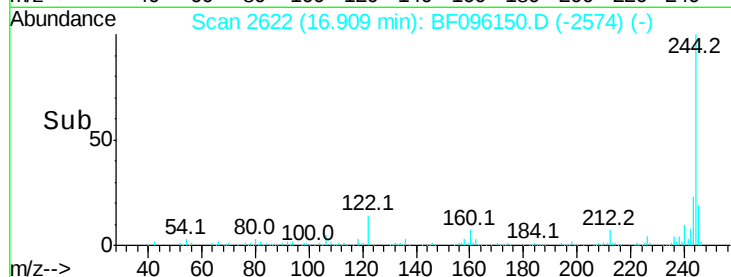
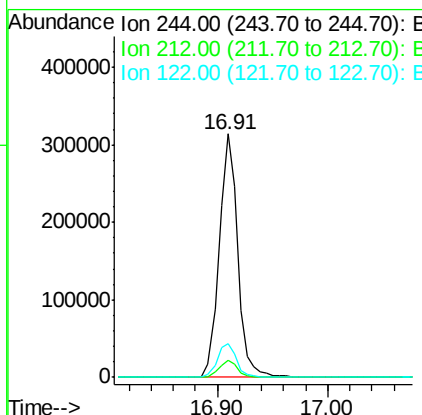
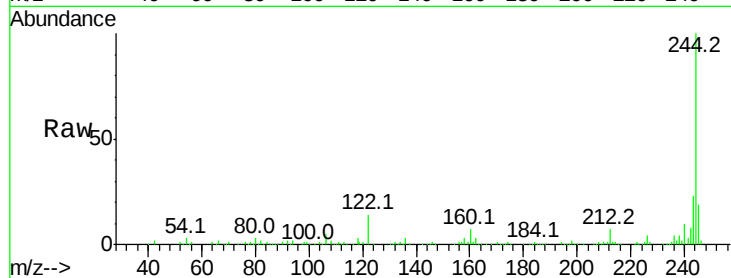




#78
 Terphenyl-d14
 Concen: 66.12 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096150.D
 Acq: 23 Jun 2017 7:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 366824
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 13.9 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: BF096150.D
 Acq: 23 Jun 2017 7:33

Tgt Ion:264 Resp: 118601
 Ion Ratio Lower Upper
 264 100
 260 22.0 19.5 29.3
 265 20.4 17.2 25.8

