

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096149.D
 Acq On : 23 Jun 2017 7:00
 Operator : SJ/MA
 Sample : I3818-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 08:32:03 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

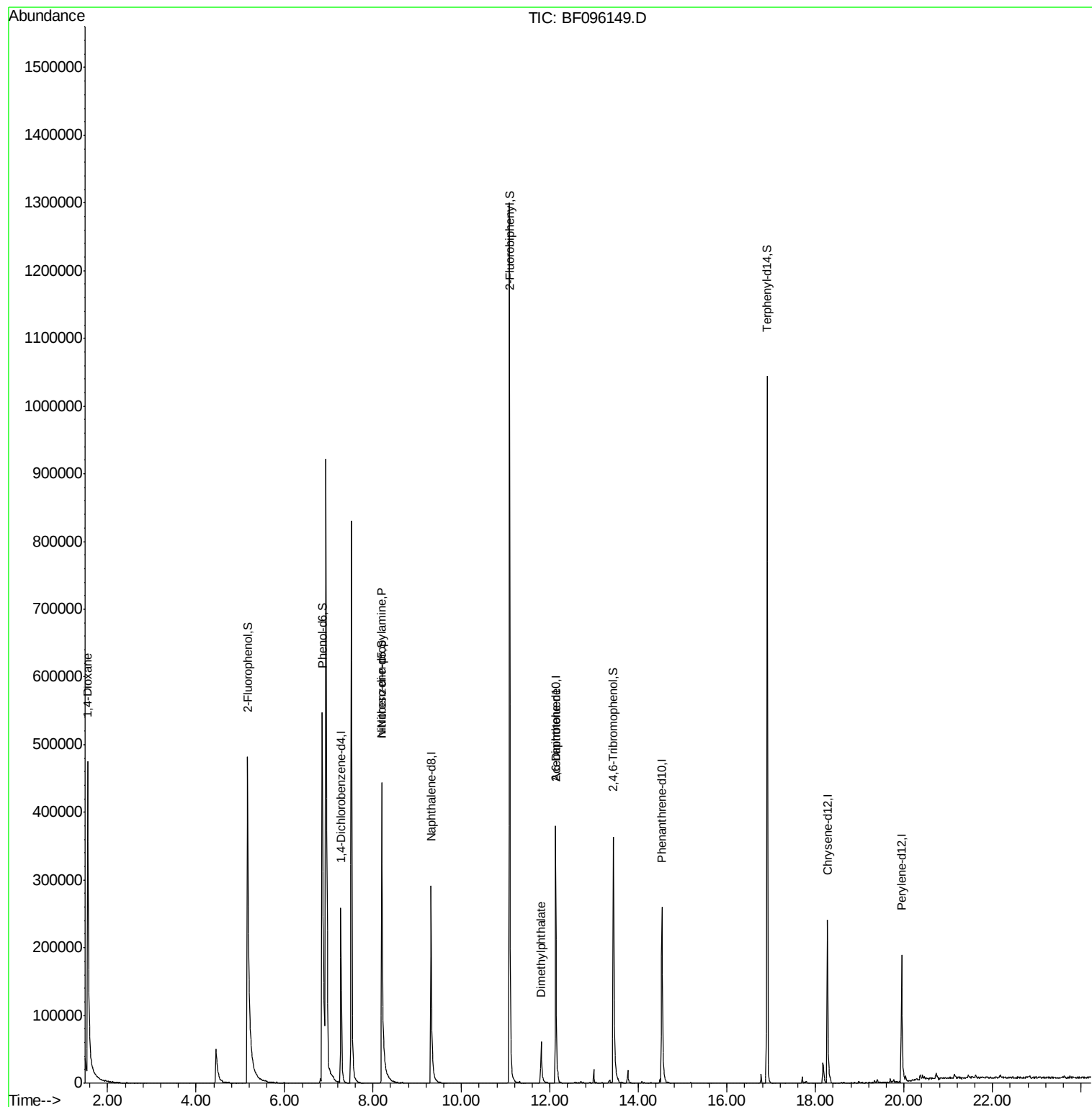
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	68316	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	280776	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	118083	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	188804	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	137843	20.00	ng	0.00
86) Perylene-d12	19.94	264	117505	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	435152	101.50	ng	-0.02
7) Phenol-d6	6.85	99	522719	101.84	ng	-0.02
23) Nitrobenzene-d5	8.20	82	307533	68.02	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	89627	85.79	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	638441	75.24	ng	-0.02
78) Terphenyl-d14	16.91	244	410984	73.99	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	24946	12.23	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	35699	10.98	ng	# 76
49) Dimethylphthalate	11.80	163	61614	6.87	ng	98
50) 2,6-Dinitrotoluene	12.13	165	14523	7.43	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: BF096149.D

Acq: 23 Jun 2017 7:00

Instrument :

BNA_F

ClientSampleId :

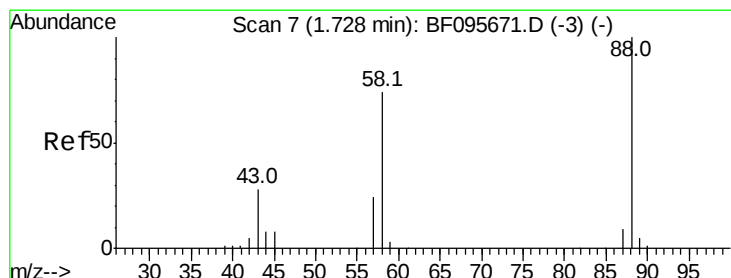
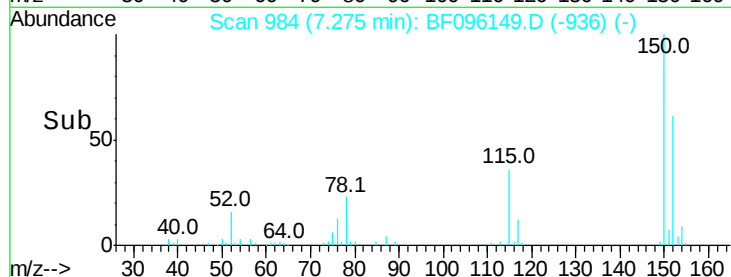
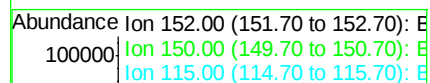
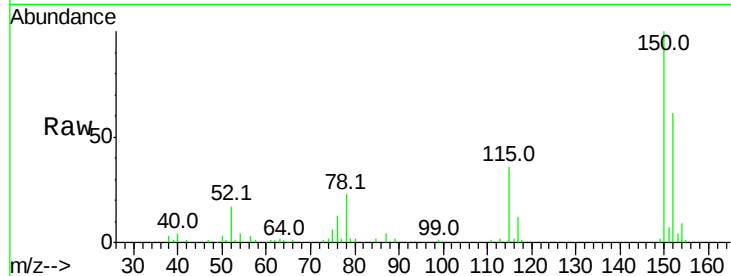
Tot Ion:152 Resp: 68316

Ion Ratio Lower Upper

152 100

150 163.7 126.2 189.2

115 59.2 52.2 78.2



#2

1,4-Dioxane

Concen: 12.23 ng

RT: 1.55 min Scan# 10

Delta R.T. -0.06 min

Lab File: BF096149.D

Acq: 23 Jun 2017 7:00

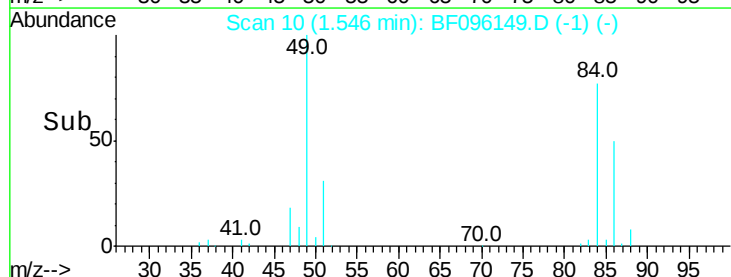
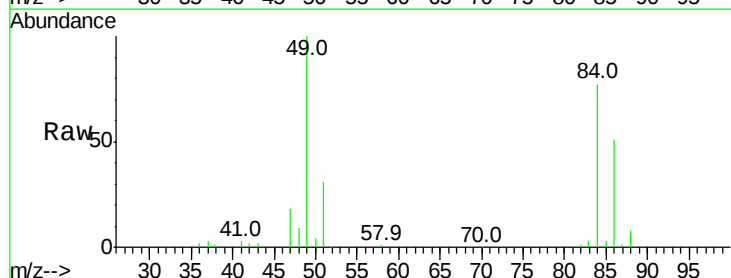
Tgt Ion: 88 Resp: 24946

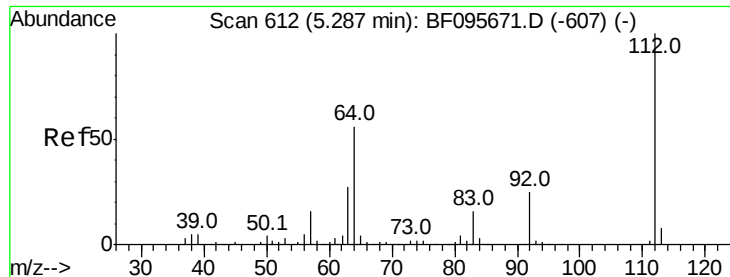
Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

43 0.0 23.4 35.0#





#5

2-Fluorophenol

Concen: 101.50 ng

RT: 5.16 min Scan# 625

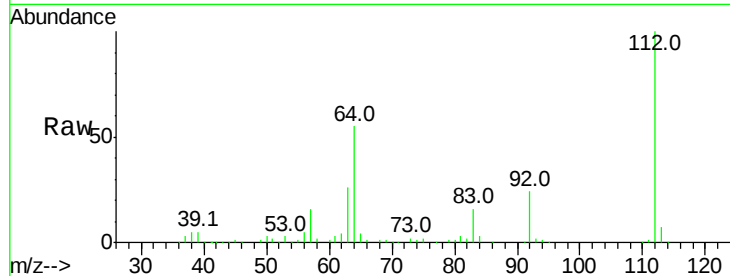
Delta R.T. -0.02 min

Lab File: BF096149.D

Acq: 23 Jun 2017 7:00

Instrument :
BNA_F
ClientSampleId :

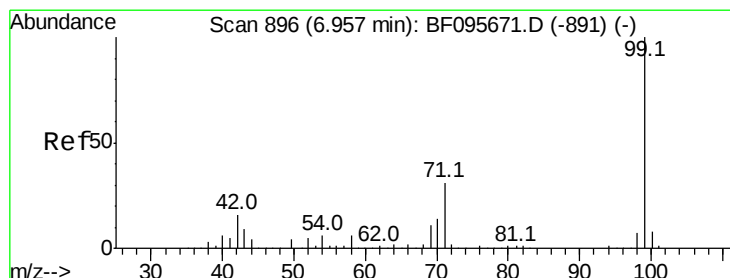
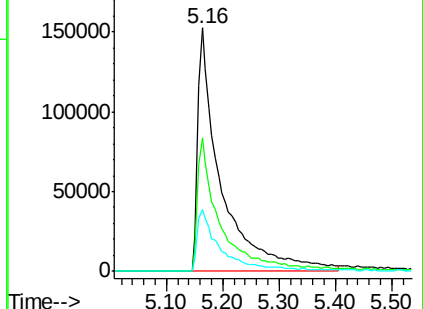
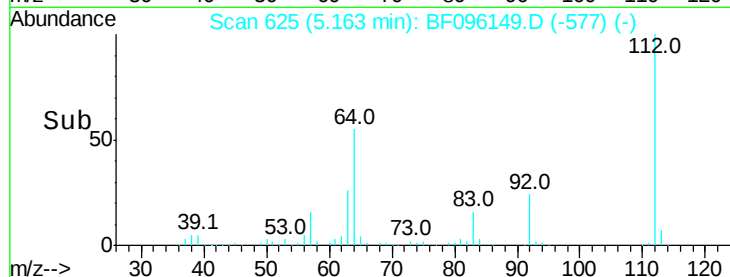
Tot Ion:	112	Resp:	435152
Ion	Ratio	Lower	Upper
112	100		
64	54.9	46.0	69.0
63	25.6	23.4	35.0



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: 101.84 ng

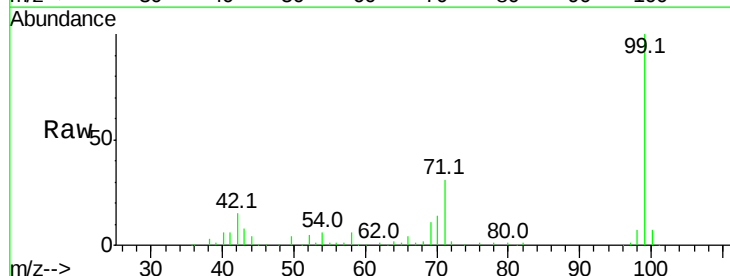
RT: 6.85 min Scan# 912

Delta R.T. -0.02 min

Lab File: BF096149.D

Acq: 23 Jun 2017 7:00

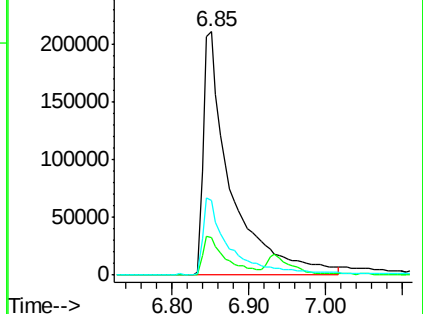
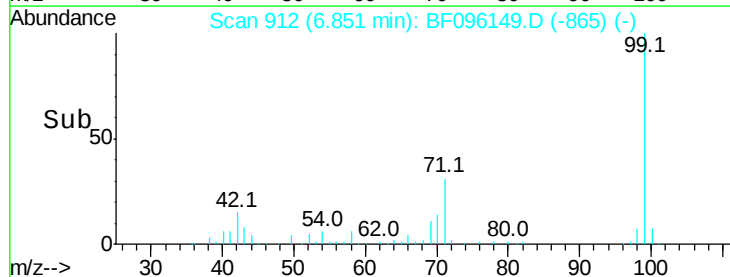
Tgt Ion:	99	Resp:	522719
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	30.9	24.5	36.7

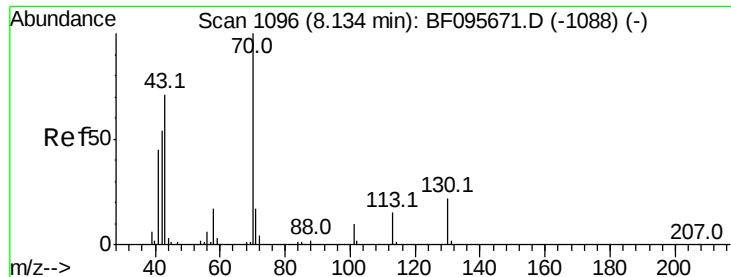


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.98 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096149.D

Acq: 23 Jun 2017 7:00

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 35699

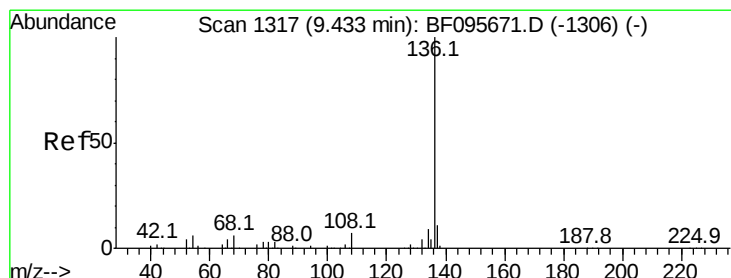
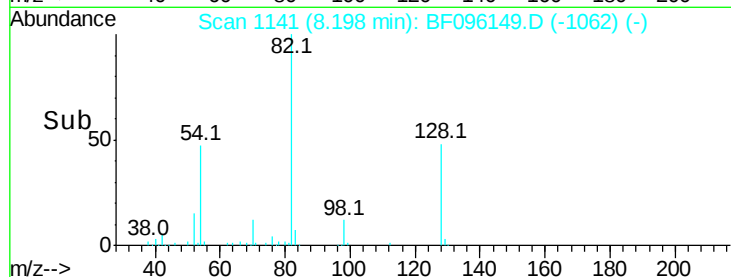
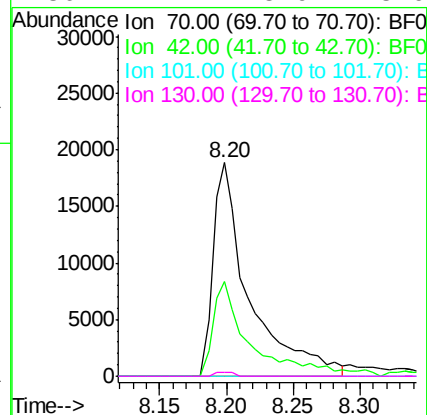
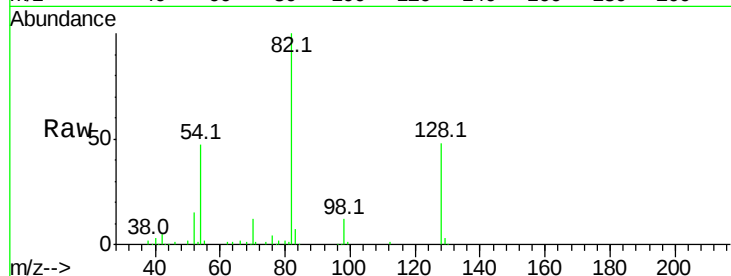
Ion Ratio Lower Upper

70 100

42 44.5 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 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: BF096149.D

Acq: 23 Jun 2017 7:00

Tgt Ion: 136 Resp: 280776

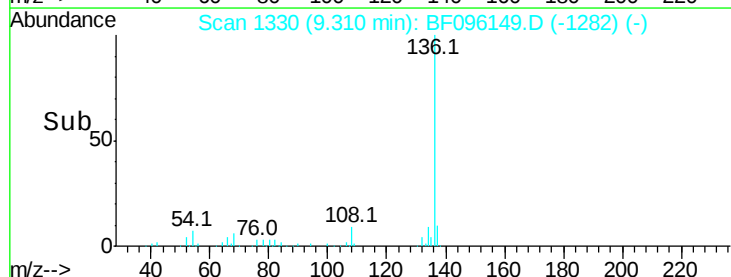
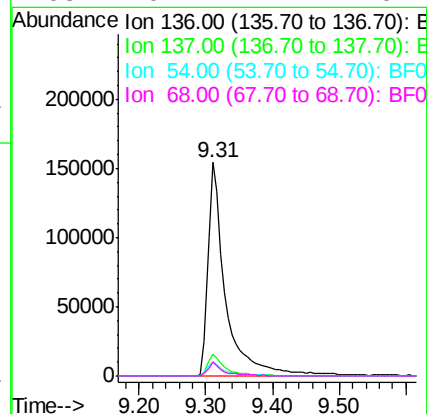
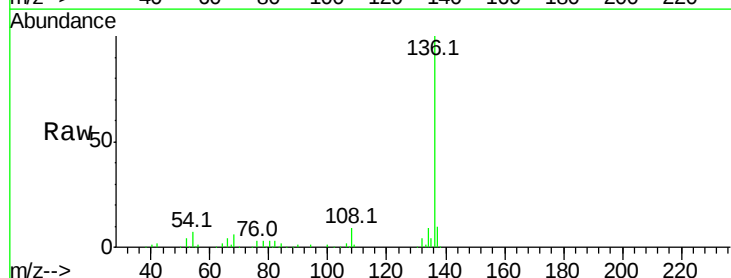
Ion Ratio Lower Upper

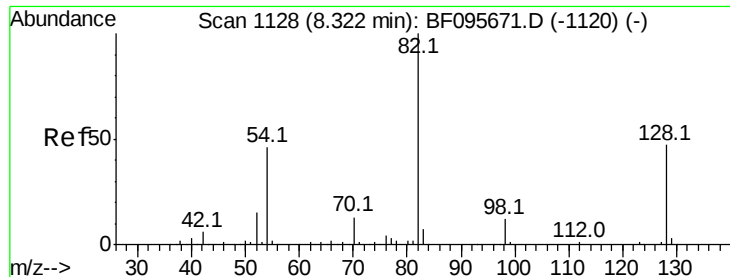
136 100

137 10.3 8.5 12.7

54 6.6 4.9 7.3

68 6.4 4.1 6.1#

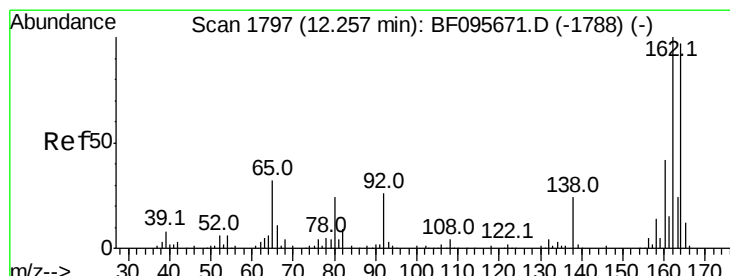
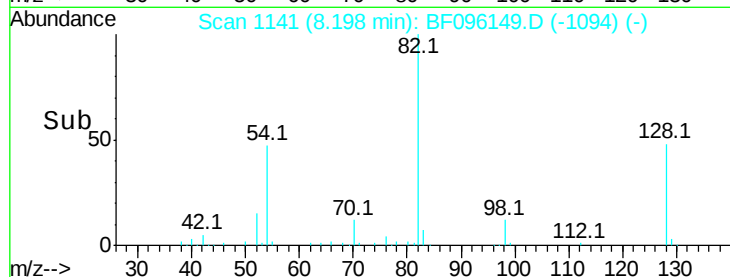
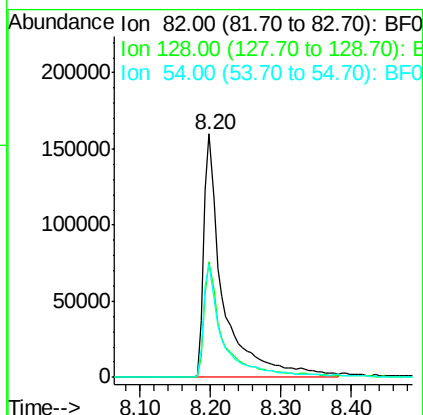
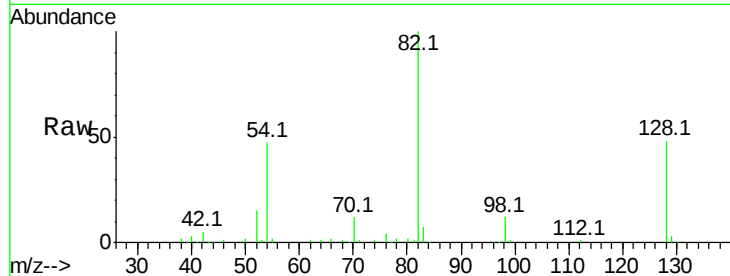




#23
Nitrobenzene-d5
Concen: 68.02 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096149.D
Acq: 23 Jun 2017 7:00

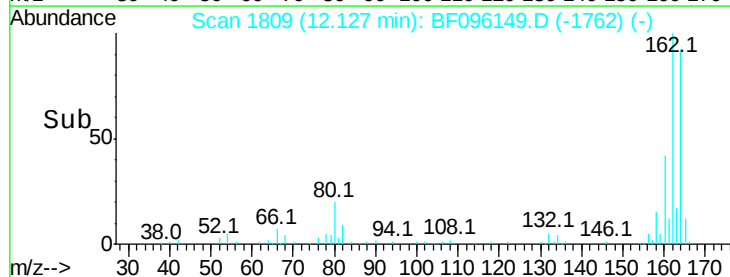
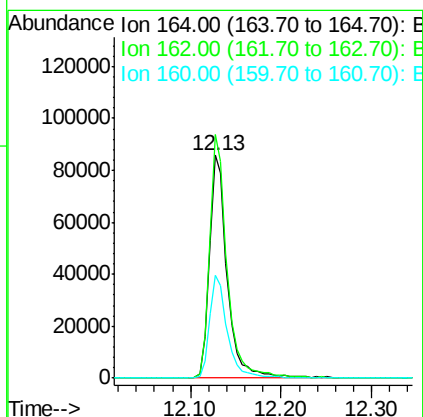
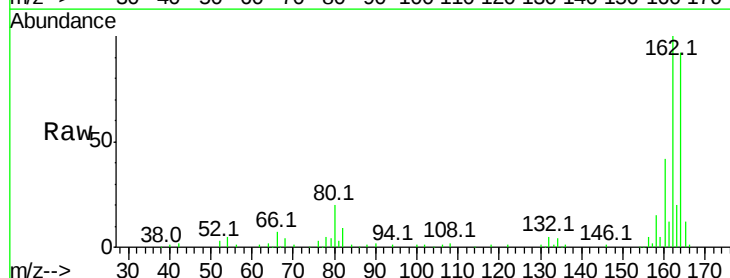
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 307533
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 46.5 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: BF096149.D
Acq: 23 Jun 2017 7:00

Tgt Ion:164 Resp: 118083
Ion Ratio Lower Upper
164 100
162 109.3 82.6 123.8
160 46.2 36.2 54.2

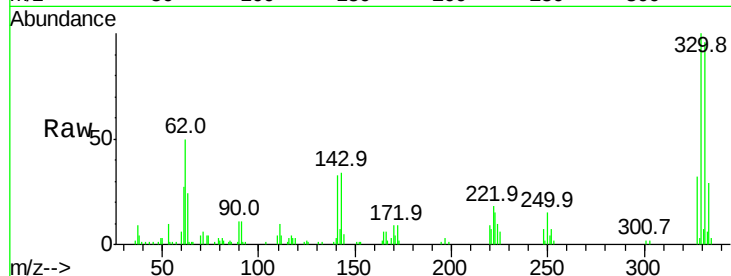




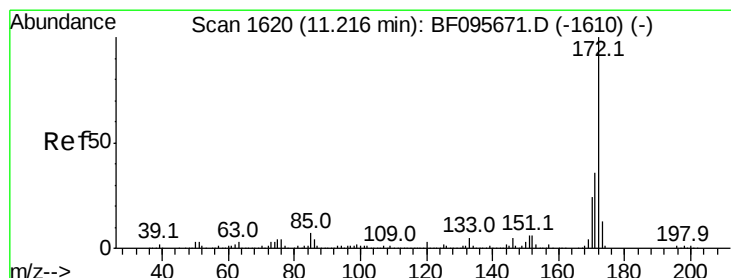
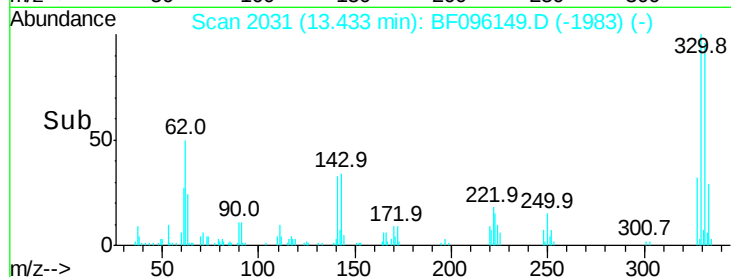
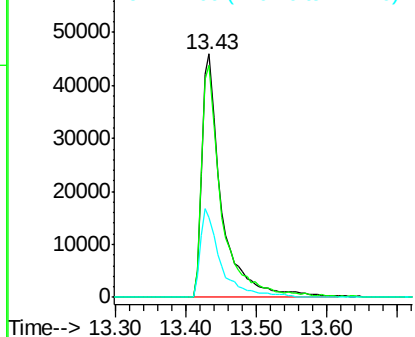
#41
2,4,6-Tribromophenol
Concen: 85.79 ng
RT: 13.43 min Scan# 2031
Delta R.T. -0.02 min
Lab File: BF096149.D
Acq: 23 Jun 2017 7:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:330 Resp: 89627
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 37.6 31.4 47.2

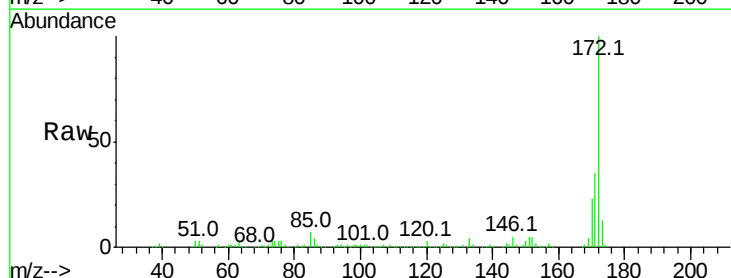


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

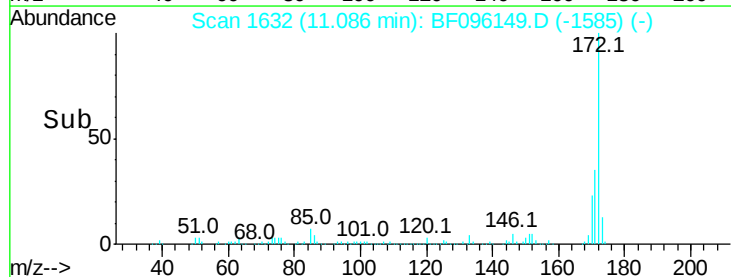
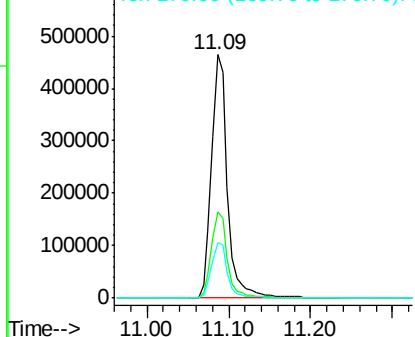


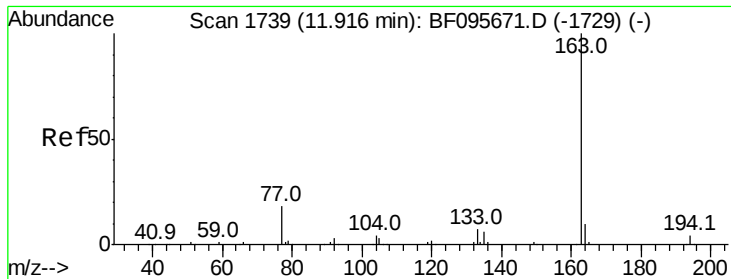
#44
2-Fluorobiphenyl
Concen: 75.24 ng
RT: 11.09 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF096149.D
Acq: 23 Jun 2017 7:00

Tgt Ion:172 Resp: 638441
Ion Ratio Lower Upper
172 100
171 35.2 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: 6.87 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096149.D

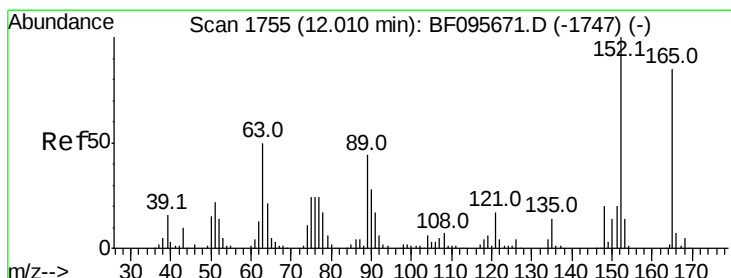
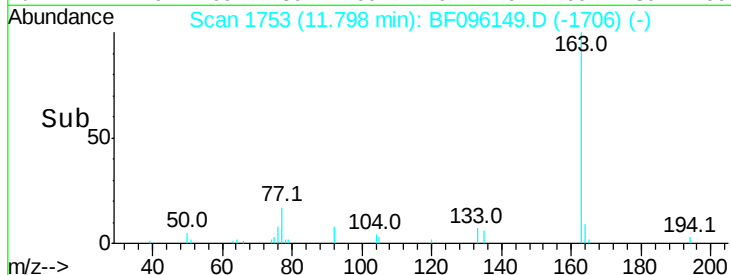
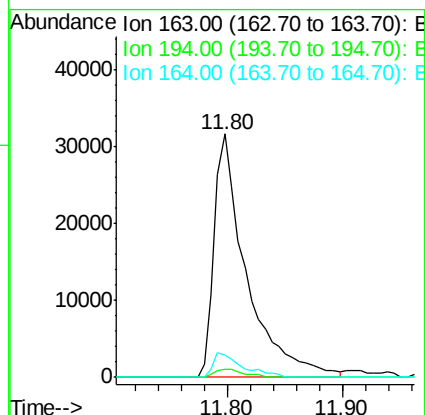
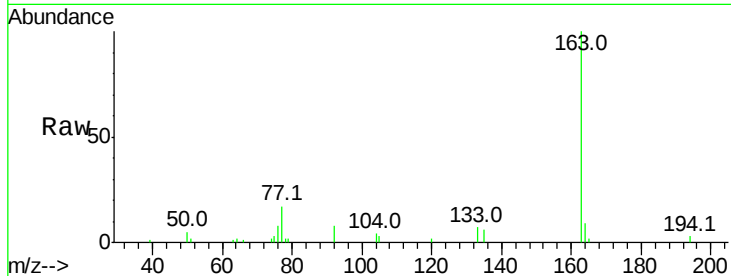
Acq: 23 Jun 2017 7:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	61614
Ion Ratio	Lower	Upper
163	100	
194	3.3	2.6 4.0
164	9.3	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.43 ng

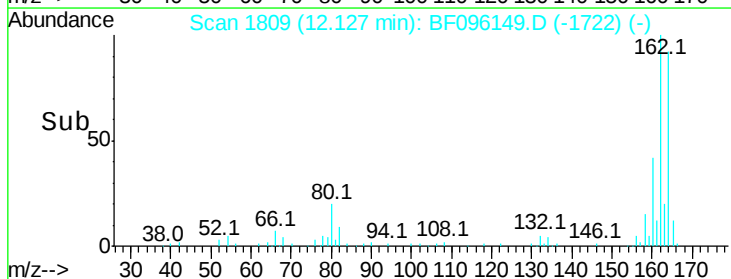
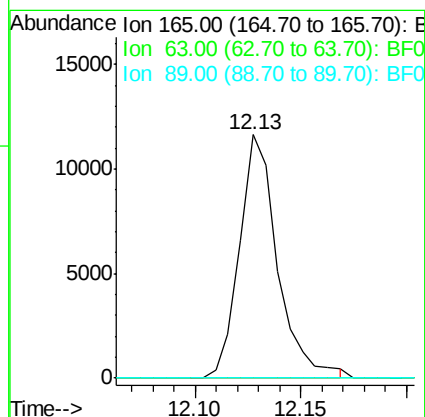
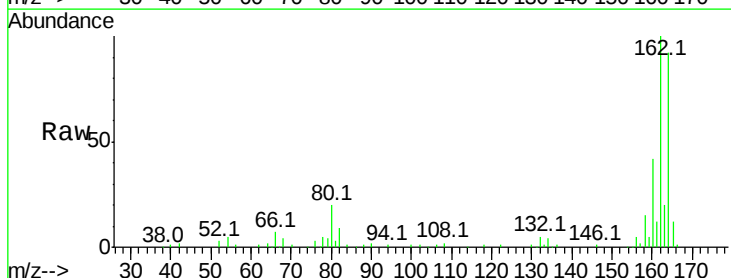
RT: 12.13 min Scan# 1809

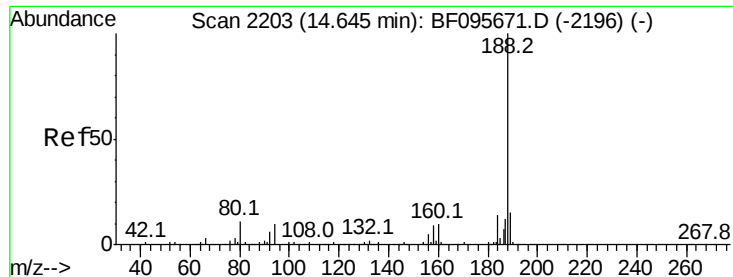
Delta R.T. 0.21 min

Lab File: BF096149.D

Acq: 23 Jun 2017 7:00

Tgt Ion:165	Resp:	14523
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.3 51.5#
89	0.0	37.1 55.7#

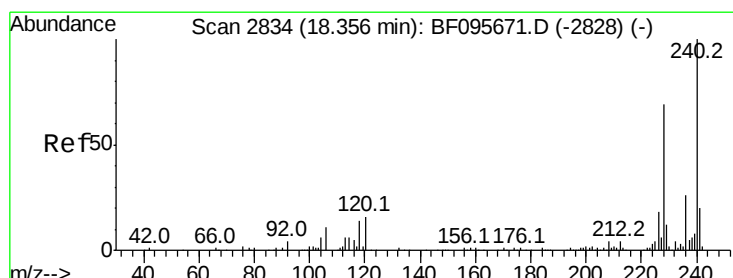
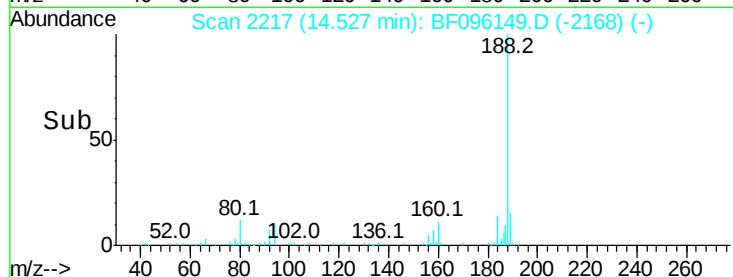
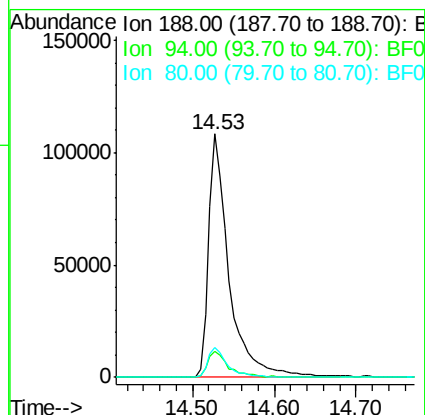
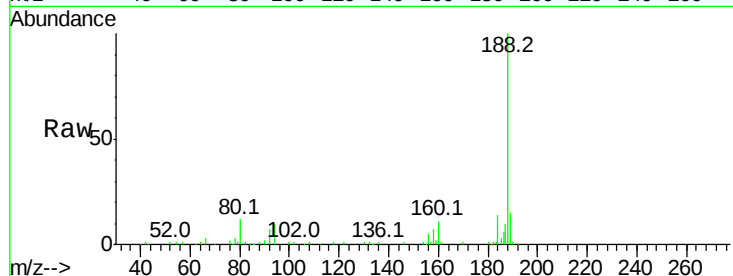




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096149.D
Acq: 23 Jun 2017 7:00

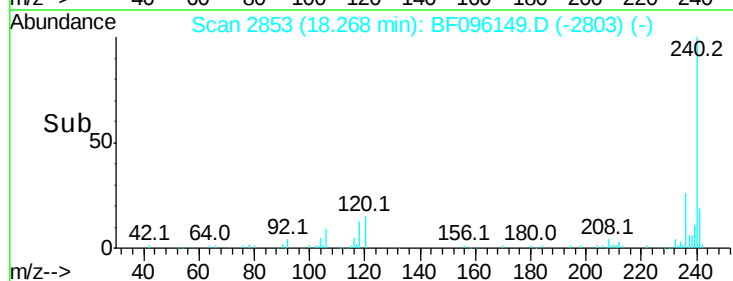
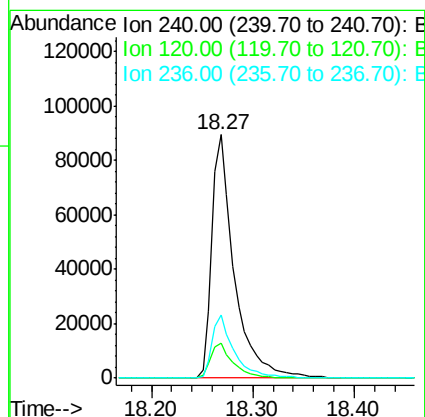
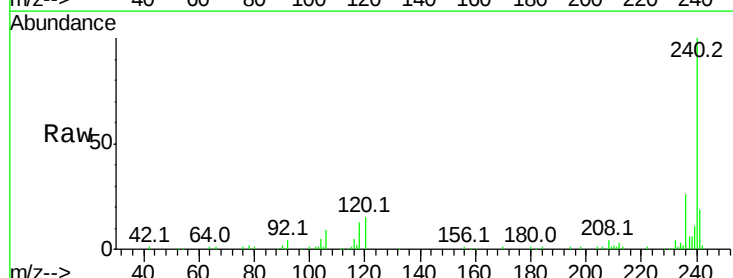
Instrument :
BNA_F
ClientSampled :

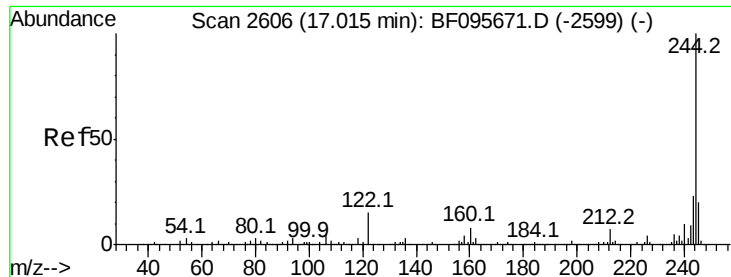
Tot Ion:188 Resp: 188804
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 12.0 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096149.D
Acq: 23 Jun 2017 7:00

Tgt Ion:240 Resp: 137843
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 26.2 20.5 30.7

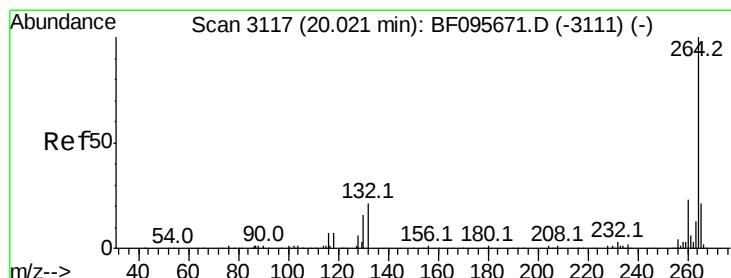
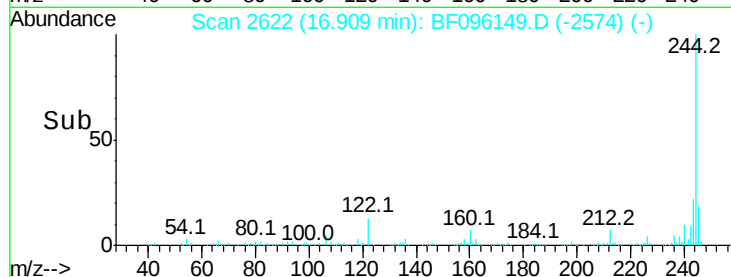
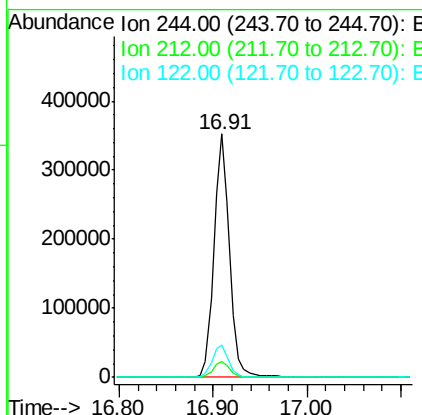
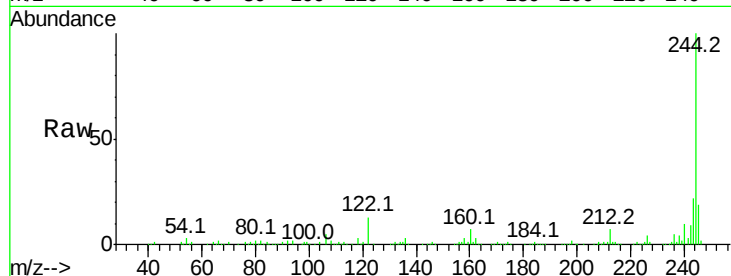




#78
 Terphenyl-d14
 Concen: 73.99 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096149.D
 Acq: 23 Jun 2017 7:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 410984
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.0 9.0
 122 13.3 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: BF096149.D
 Acq: 23 Jun 2017 7:00

Tgt Ion:264 Resp: 117505
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 21.7 17.2 25.8

