

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096139.D
 Acq On : 23 Jun 2017 1:37
 Operator : SJ/MA
 Sample : I3806-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 03:57:42 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

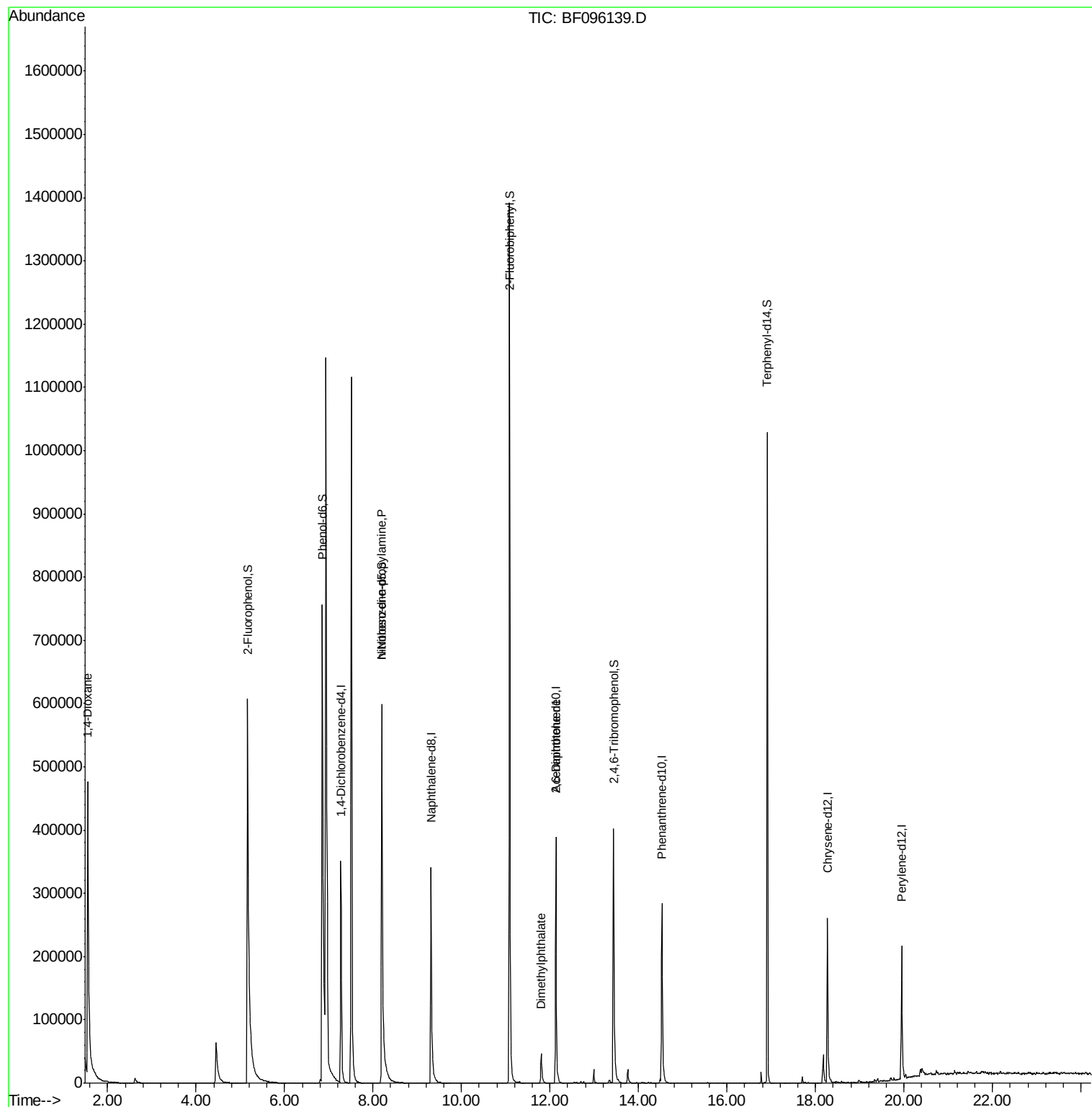
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89988	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	322435	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	125547	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	194938	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	141435	20.00	ng	0.00
86) Perylene-d12	19.94	264	121846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	524170	92.82	ng	-0.02
7) Phenol-d6	6.85	99	683974	101.17	ng	-0.02
23) Nitrobenzene-d5	8.20	82	423443	81.56	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	91695	82.55	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	696092	77.16	ng	-0.02
78) Terphenyl-d14	16.91	244	429805	75.42	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	24912	9.27	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	48874	11.41	ng	# 75
49) Dimethylphthalate	11.80	163	48570	5.10	ng	98
50) 2,6-Dinitrotoluene	12.13	165	15451	7.43	ng	# 31

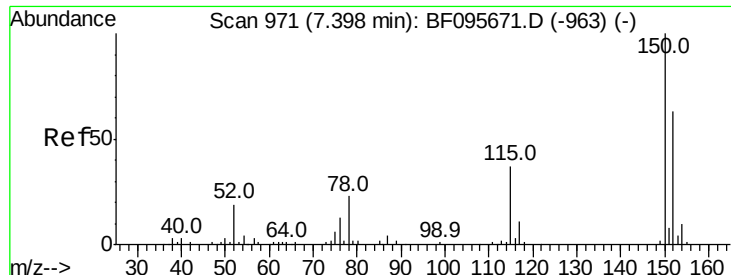
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096139.D
Acq On : 23 Jun 2017 1:37
Operator : SJ/MA
Sample : I3806-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 23 03:57:42 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



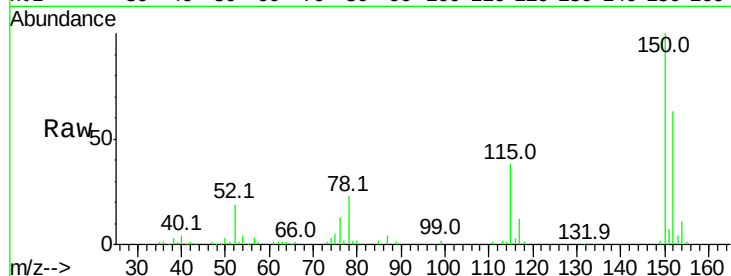


#1

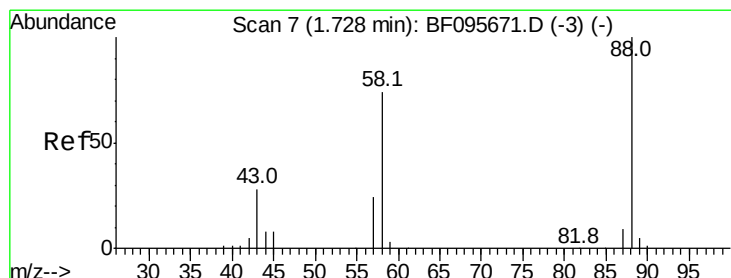
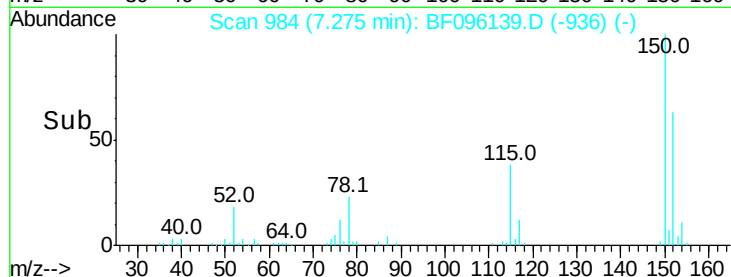
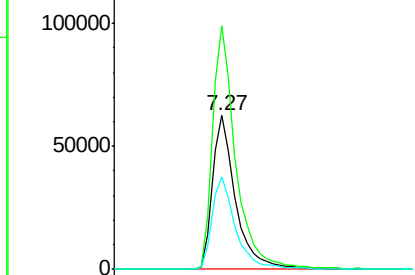
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 984
Delta R.T. -0.02 min
Lab File: BF096139.D
Acq: 23 Jun 2017 1:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	60.3	52.2	78.2



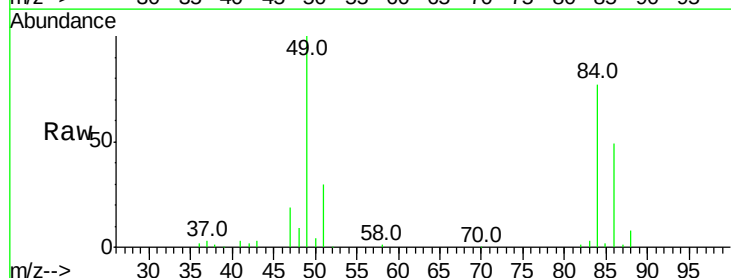
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



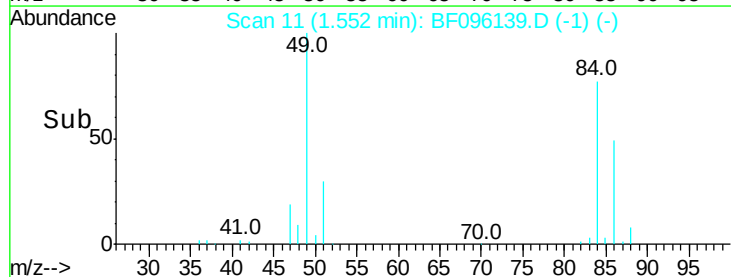
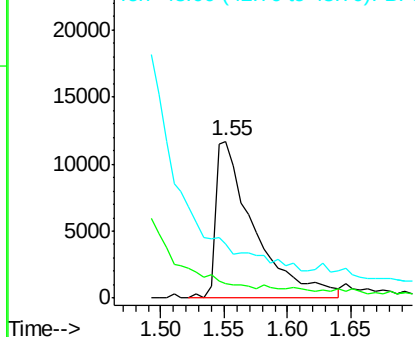
#2

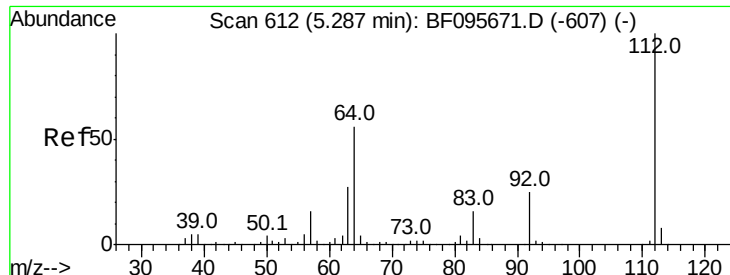
1,4-Dioxane
Concen: 9.27 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096139.D
Acq: 23 Jun 2017 1:37

Tgt 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

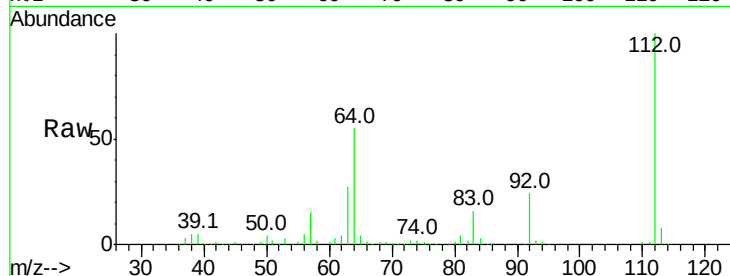




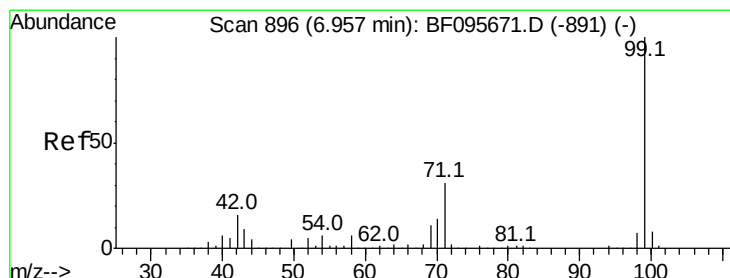
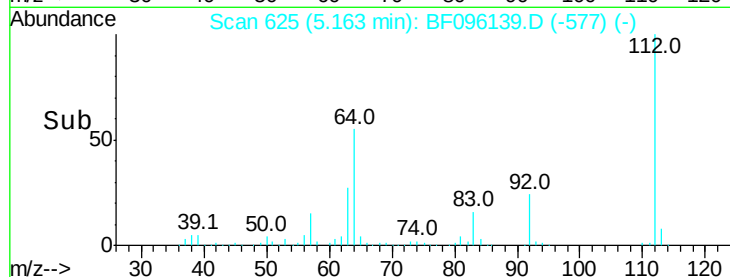
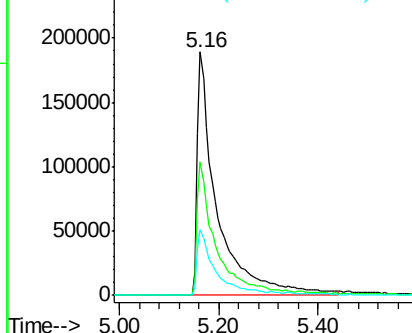
#5
 2-Fluorophenol
 Concen: 92.82 ng
 RT: 5.16 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 112 Resp: 524170
 Ion Ratio Lower Upper
 112 100
 64 54.8 46.0 69.0
 63 26.9 23.4 35.0

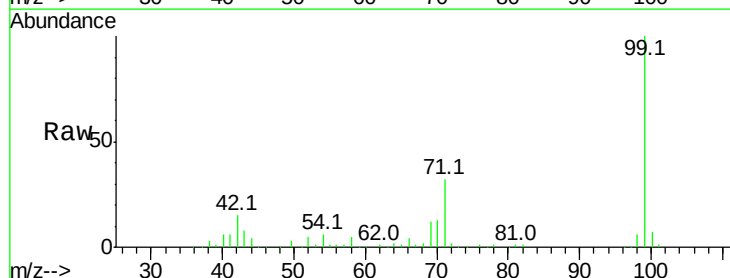


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

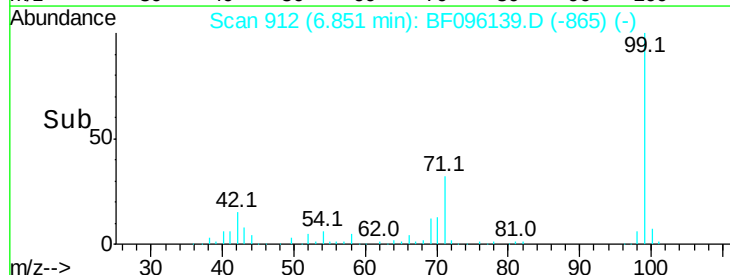
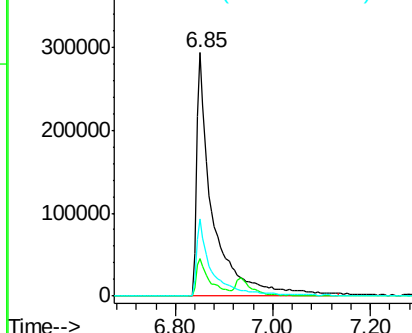


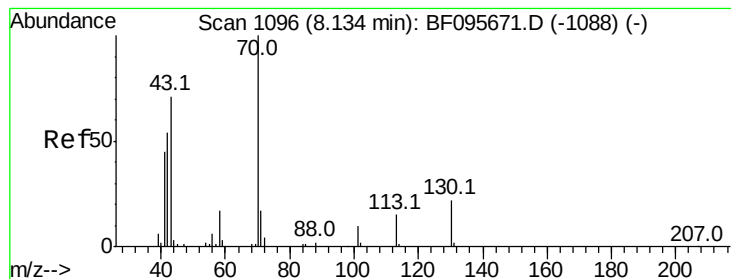
#7
 Phenol-d6
 Concen: 101.17 ng
 RT: 6.85 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

Tgt Ion: 99 Resp: 683974
 Ion Ratio Lower Upper
 99 100
 42 15.4 13.5 20.3
 71 31.6 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: 11.41 ng

RT: 8.20 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF096139.D

Acq: 23 Jun 2017 1:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 48874

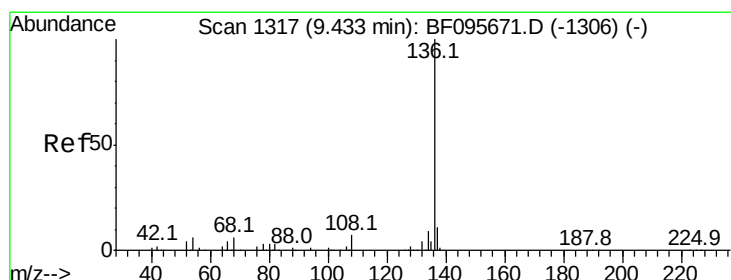
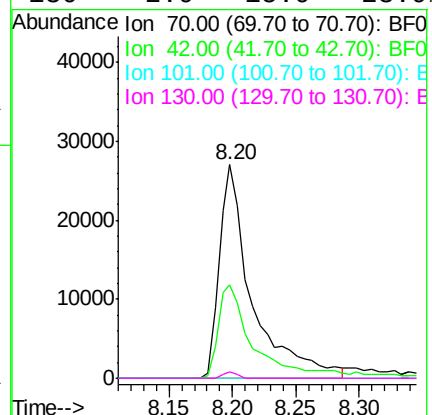
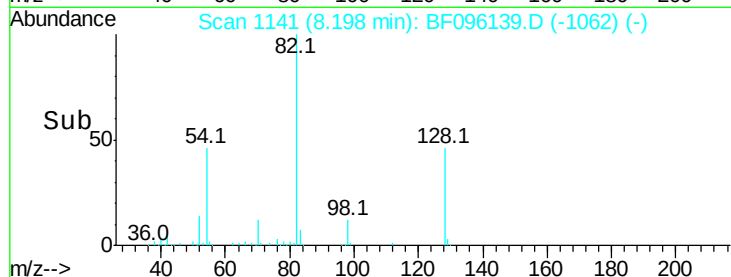
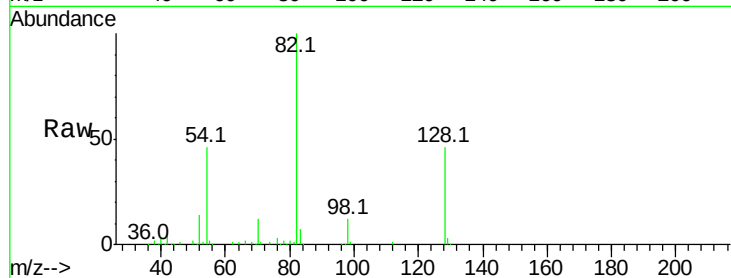
Ion Ratio Lower Upper

70 100

42 43.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.9 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: BF096139.D

Acq: 23 Jun 2017 1:37

Tgt Ion: 136 Resp: 322435

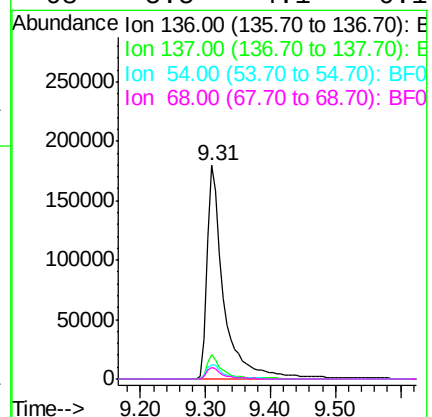
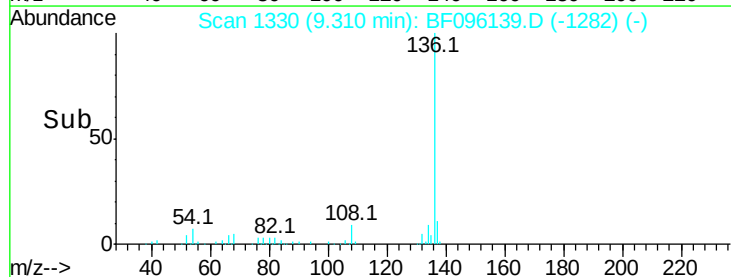
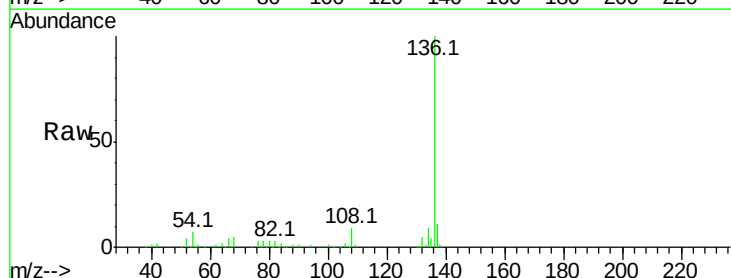
Ion Ratio Lower Upper

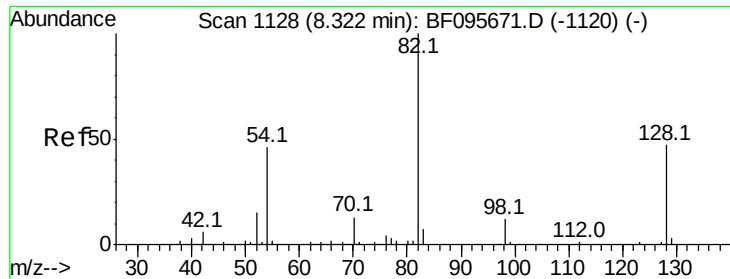
136 100

137 11.3 8.5 12.7

54 6.7 4.9 7.3

68 5.5 4.1 6.1

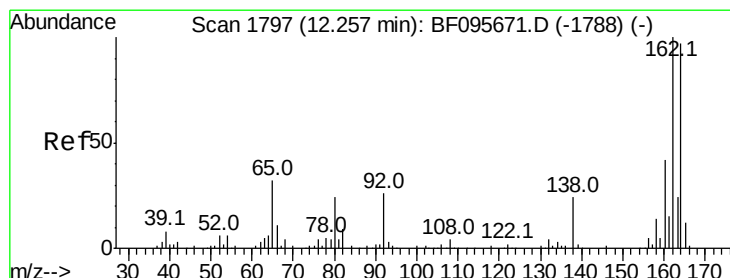
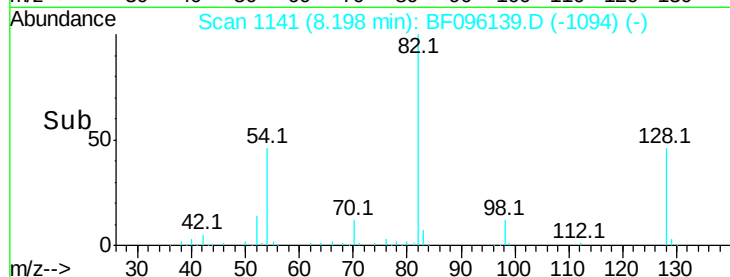
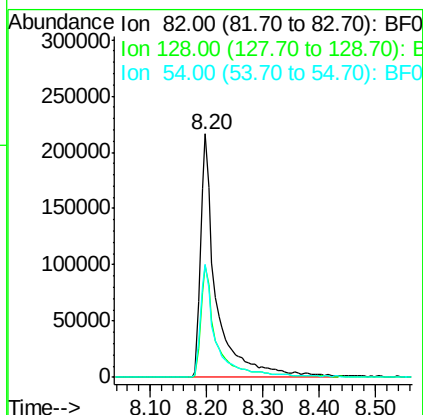
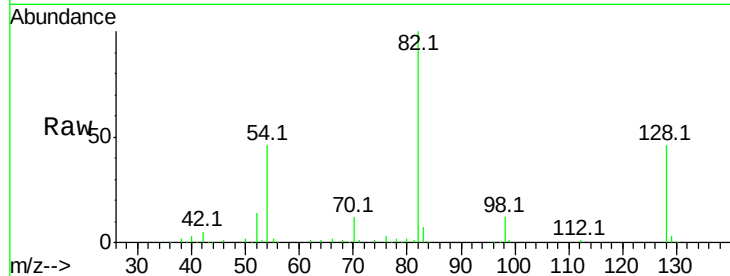




#23
 Nitrobenzene-d5
 Concen: 81.56 ng
 RT: 8.20 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

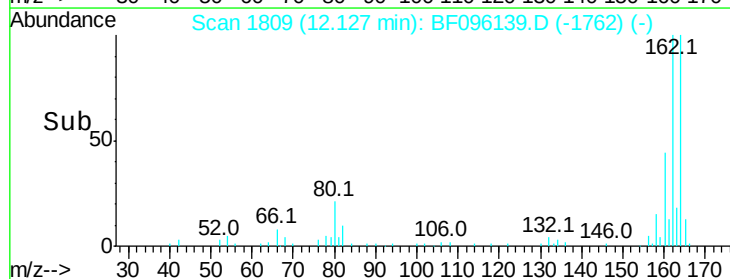
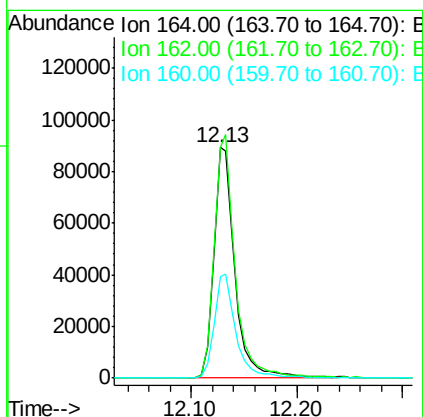
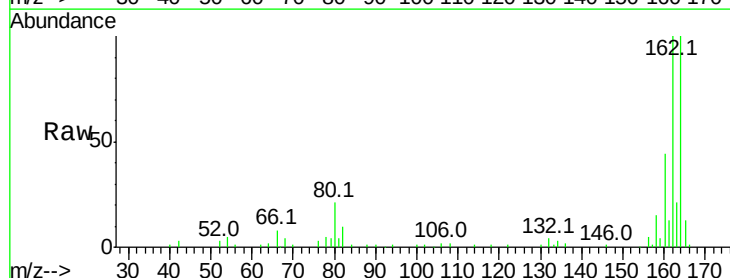
Instrument :
 BNA_F
 ClientSampled :

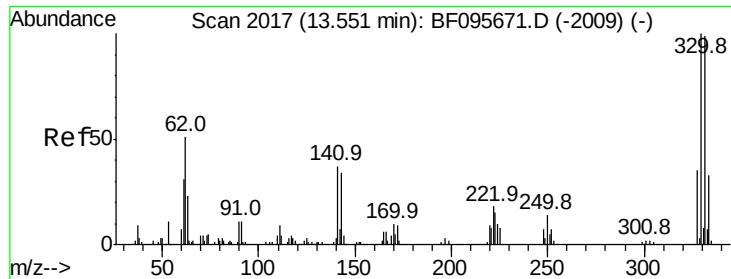
Tot Ion: 82 Resp: 423443
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 46.4 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.13 min Scan# 1809
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

Tgt Ion:164 Resp: 125547
 Ion Ratio Lower Upper
 164 100
 162 100.2 82.6 123.8
 160 44.1 36.2 54.2

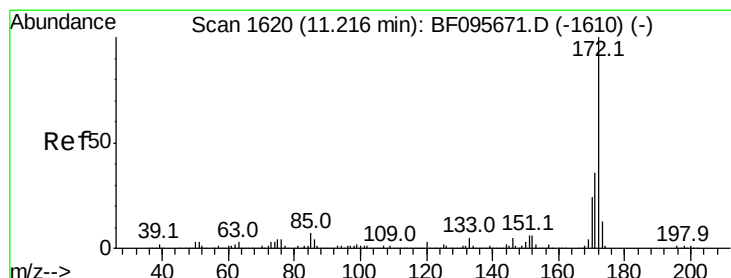
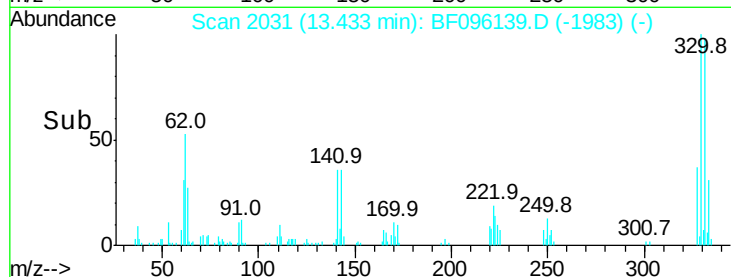
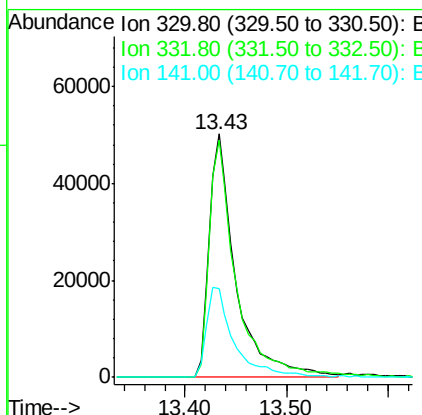
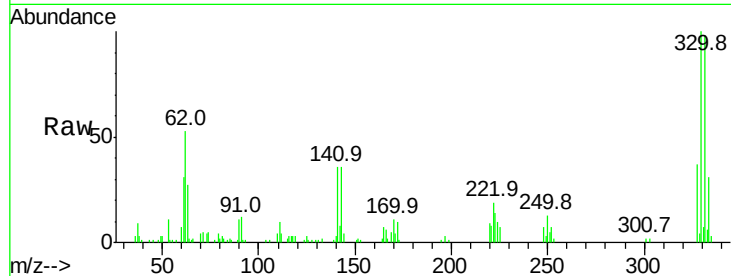




#41
 2,4,6-Tribromophenol
 Concen: 82.55 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

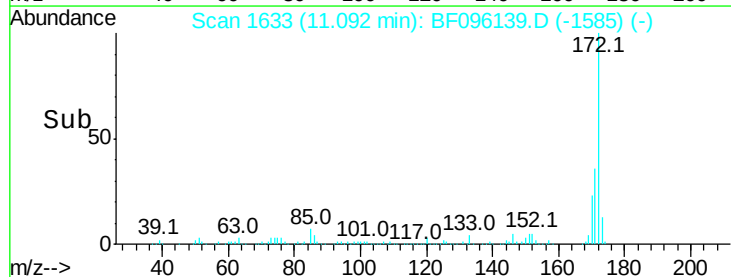
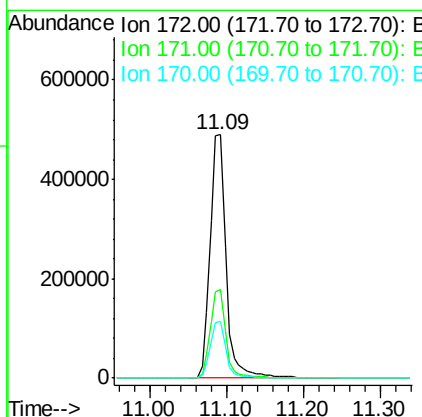
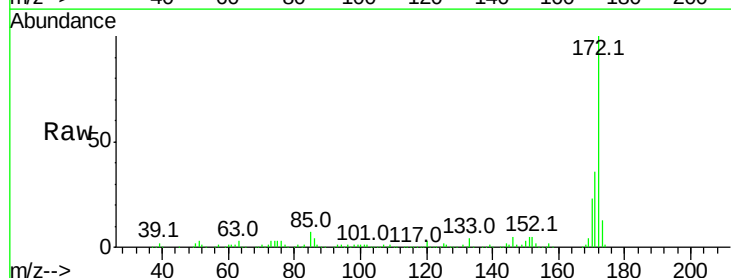
Instrument :
 BNA_F
 ClientSampleId :

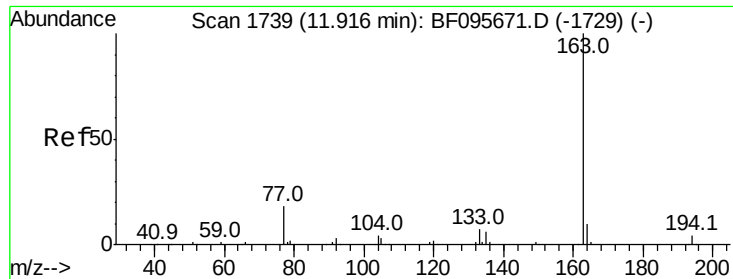
Tot Ion:330 Resp: 91695
 Ion Ratio Lower Upper
 330 100
 332 98.9 76.6 115.0
 141 38.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 77.16 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

Tgt Ion:172 Resp: 696092
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.1 19.8 29.8





#49

Dimethylphthalate

Concen: 5.10 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096139.D

Acq: 23 Jun 2017 1:37

Instrument :

BNA_F

ClientSampleId :

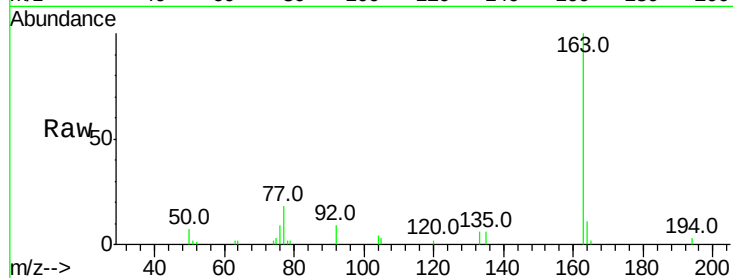
Tot Ion:163 Resp: 48570

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

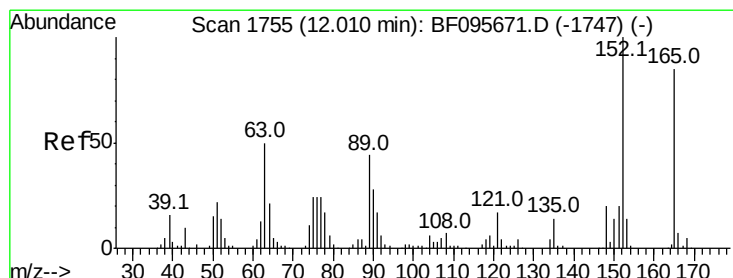
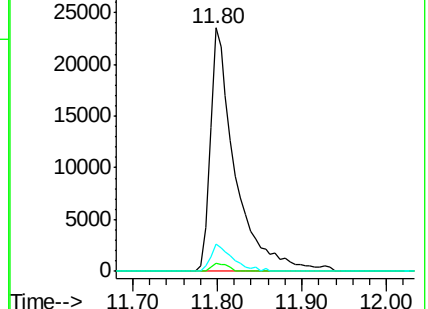
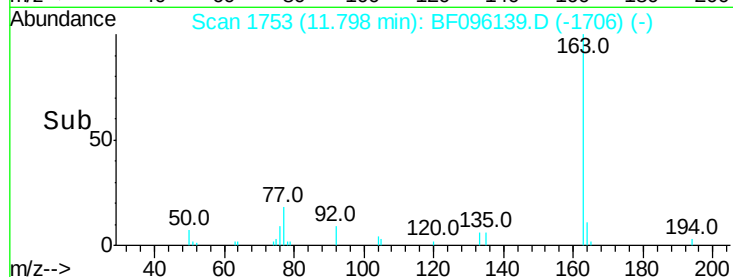
164 11.3 8.4 12.6



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: 7.43 ng

RT: 12.13 min Scan# 1809

Delta R.T. 0.21 min

Lab File: BF096139.D

Acq: 23 Jun 2017 1:37

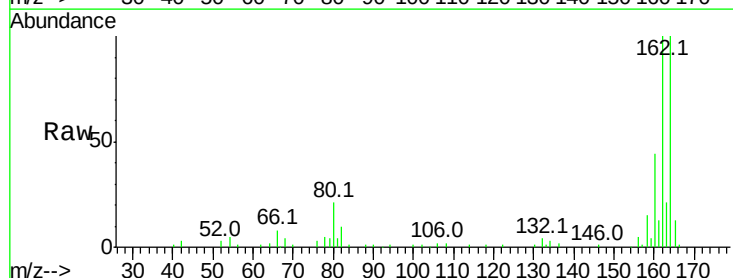
Tgt Ion:165 Resp: 15451

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

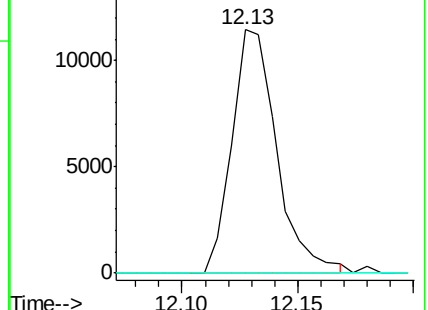
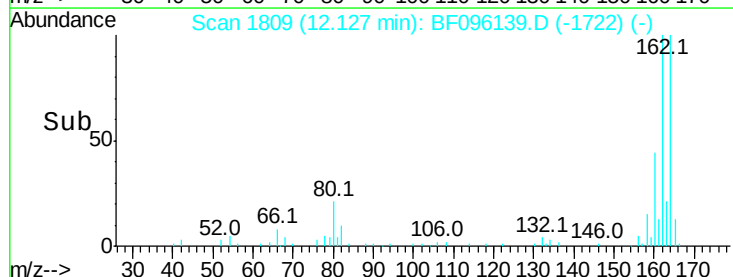
89 0.0 37.1 55.7#

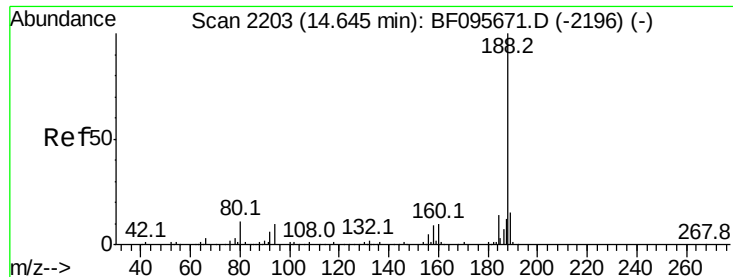


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

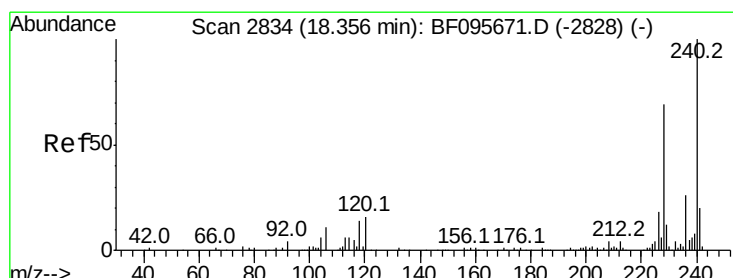
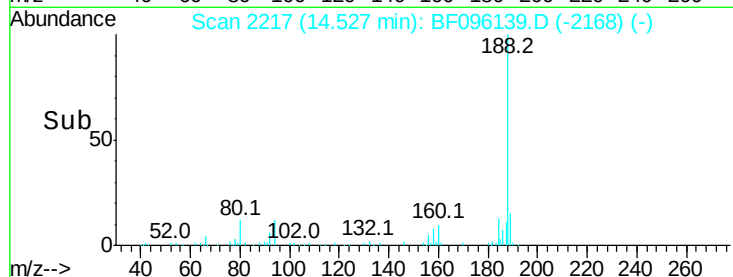
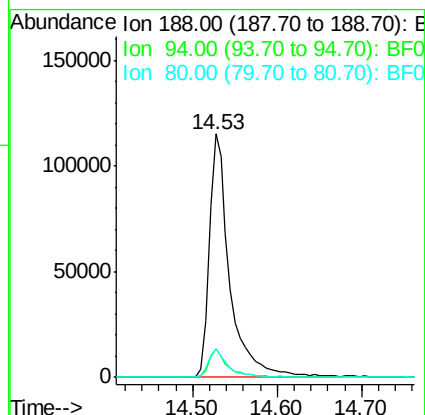
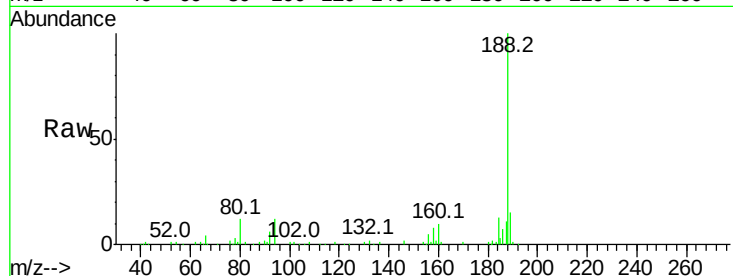




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096139.D
Acq: 23 Jun 2017 1:37

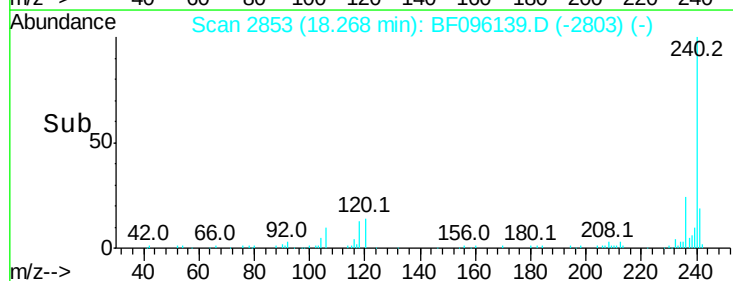
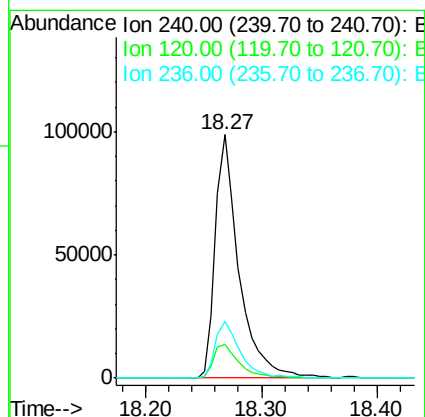
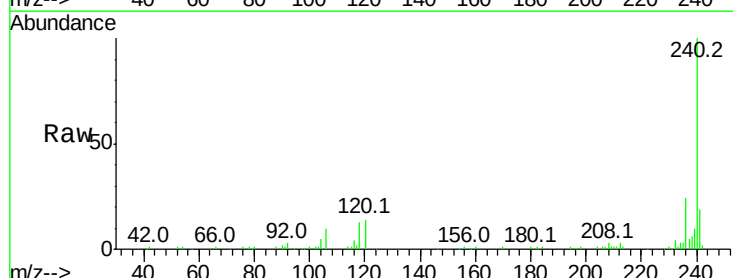
Instrument :
BNA_F
ClientSampleId :

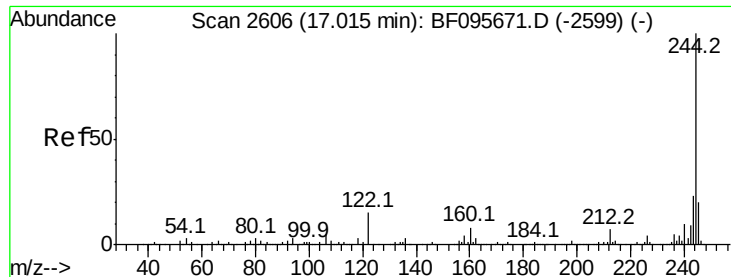
Tot Ion:188 Resp: 194938
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096139.D
Acq: 23 Jun 2017 1:37

Tgt Ion:240 Resp: 141435
Ion Ratio Lower Upper
240 100
120 13.8 5.8 8.8#
236 23.5 20.5 30.7

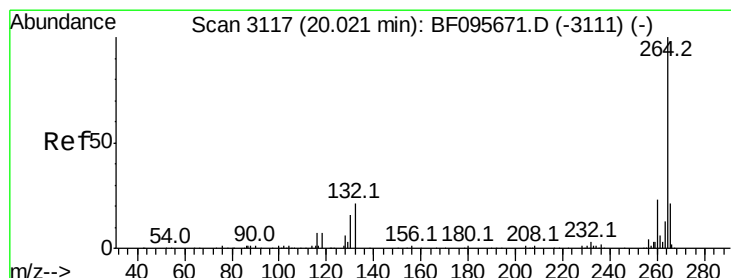
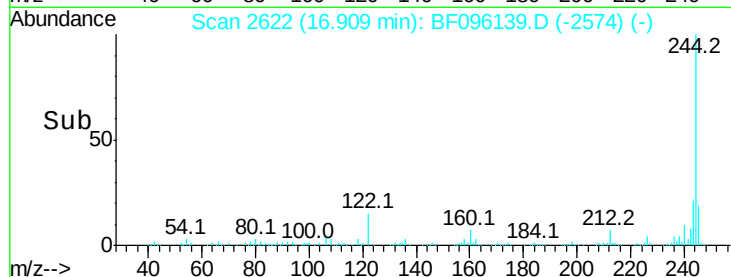
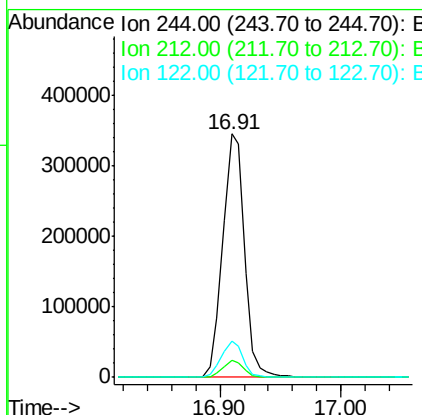
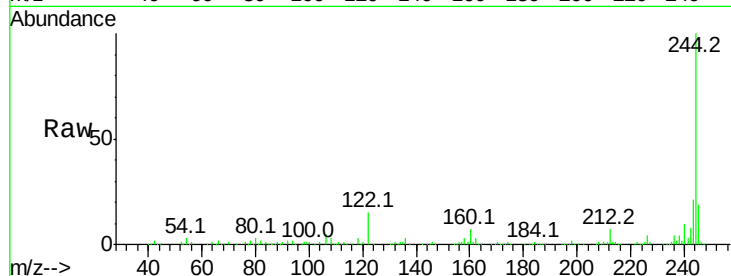




#78
 Terphenyl-d14
 Concen: 75.42 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096139.D
 Acq: 23 Jun 2017 1:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 429805
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 14.7 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: BF096139.D
 Acq: 23 Jun 2017 1:37

Tgt Ion:264 Resp: 121846
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 17.2 25.8

