

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096197.D
 Acq On : 24 Jun 2017 18:52
 Operator : SJ/MA
 Sample : I3851-12 10X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 01:24:19 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

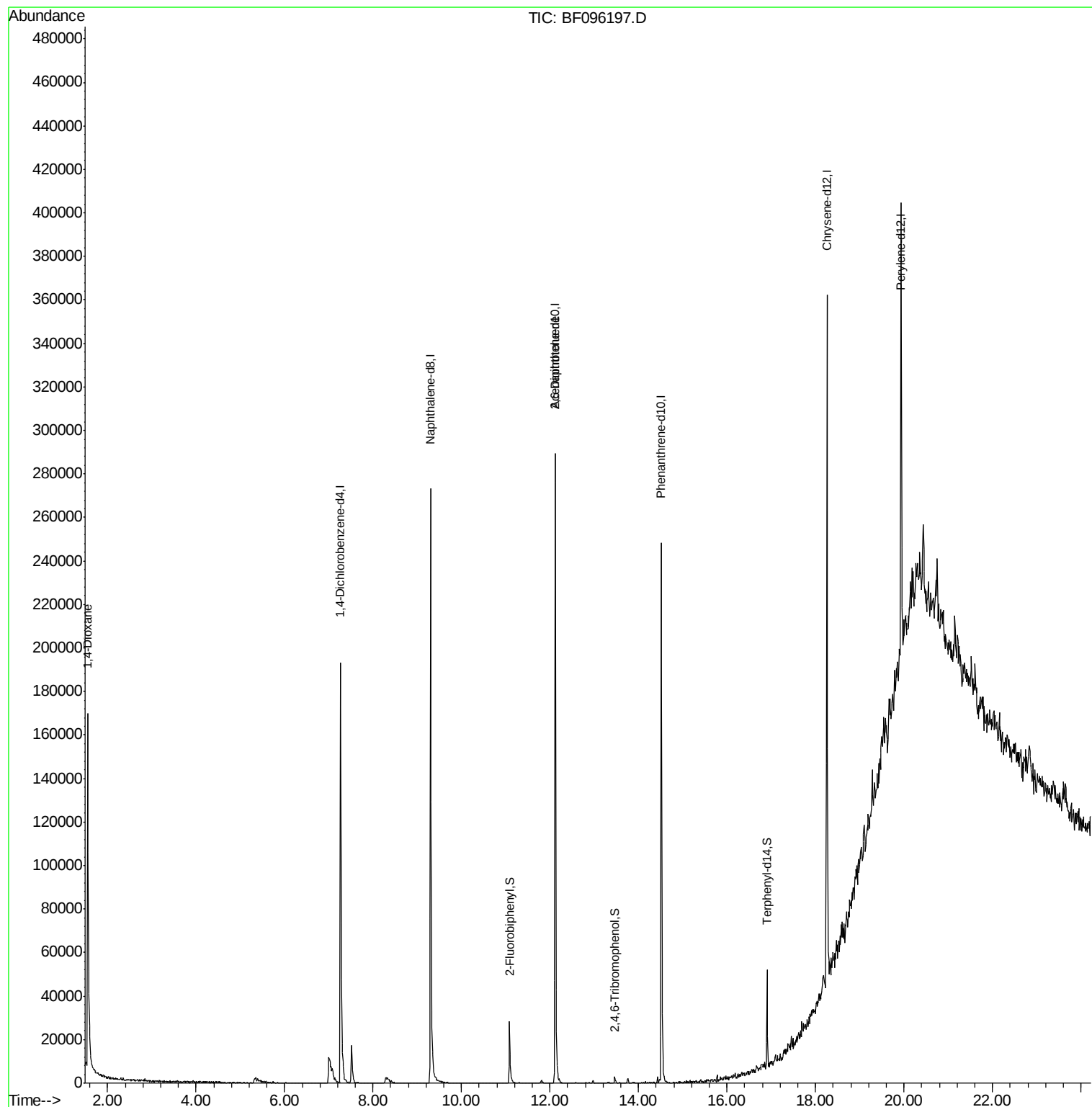
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	59938	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	235421	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	91609	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	155151	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	134282	20.00	ng	-0.02
86) Perylene-d12	19.93	264	96164	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2748	0.73	ng	0.15
7) Phenol-d6	7.03	99	7043	1.56	ng	0.15
23) Nitrobenzene-d5	8.30	82	4617	1.22	ng	0.08
41) 2,4,6-Tribromophenol	13.46	330	1643	2.03	ng	0.01
44) 2-Fluorobiphenyl	11.09	172	22432	3.41	ng	-0.02
78) Terphenyl-d14	16.90	244	17375	3.21	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	8685	4.85	ng	# 21
50) 2,6-Dinitrotoluene	12.12	165	11569	7.63	ng	# 31

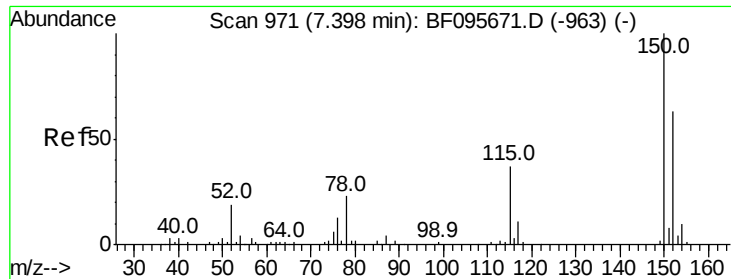
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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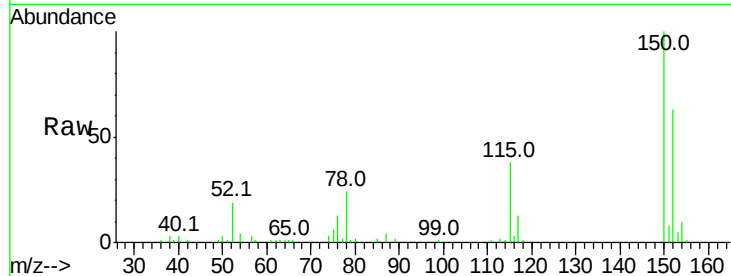


#1

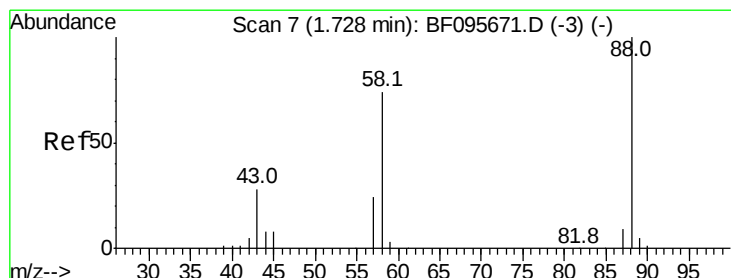
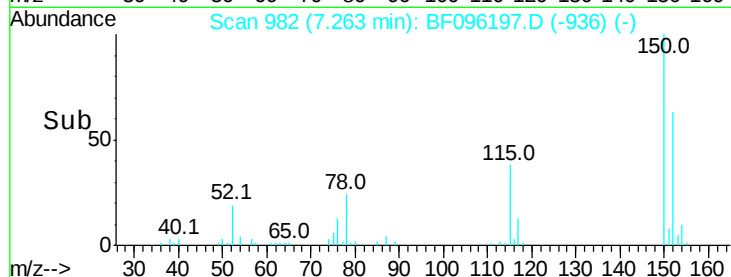
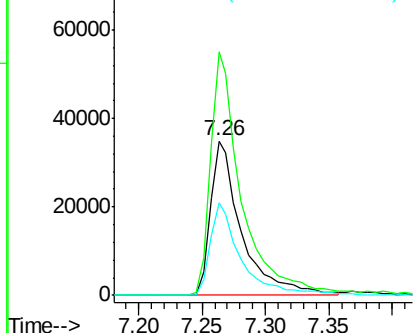
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 59938
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 60.3 52.2 78.2



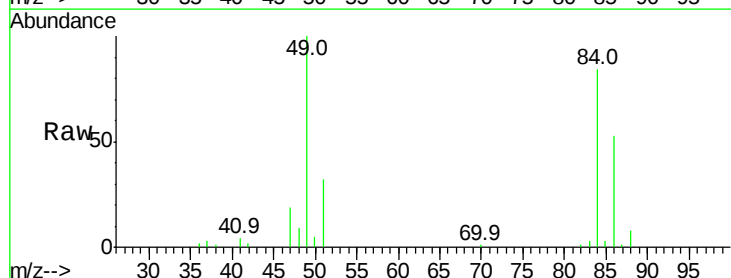
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



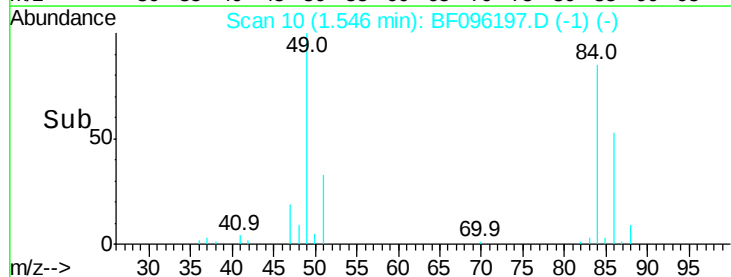
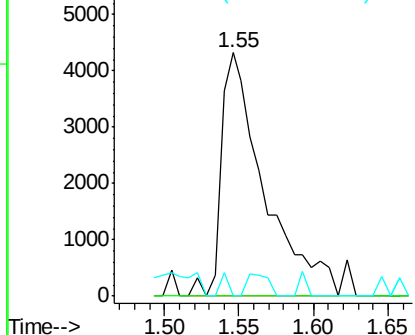
#2

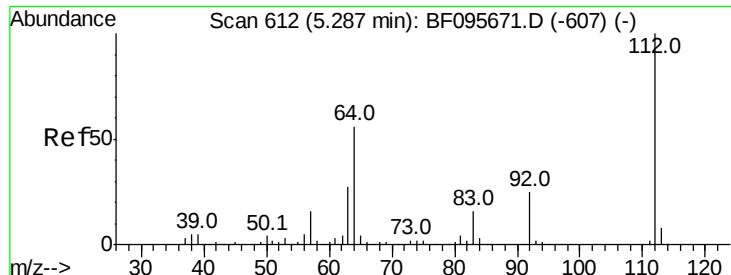
1,4-Dioxane
Concen: 4.85 ng
RT: 1.55 min Scan# 10
Delta R.T. -0.06 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion: 88 Resp: 8685
Ion Ratio Lower Upper
88 100
58 0.0 61.4 92.0#
43 1.7 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

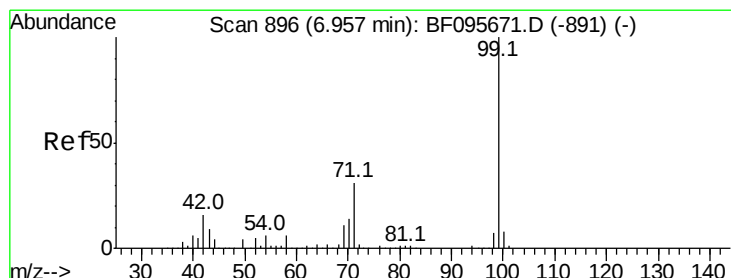
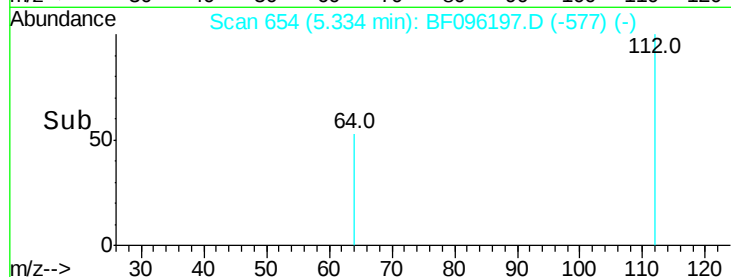
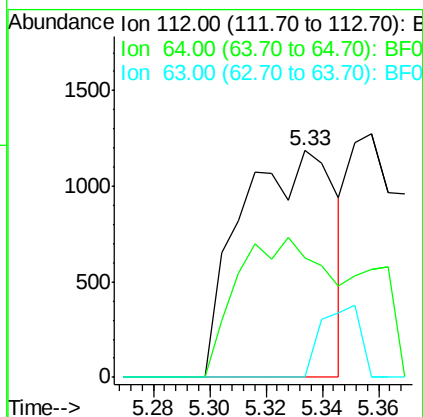
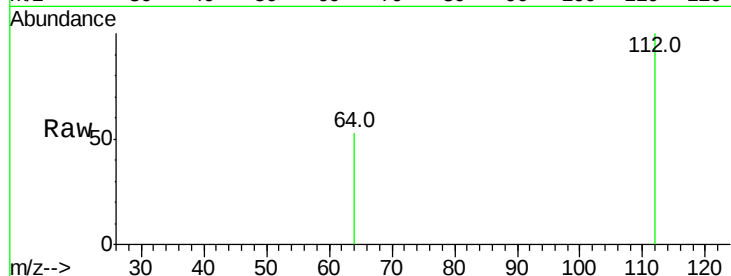




#5
2-Fluorophenol
Concen: 0.73 ng
RT: 5.33 min Scan# 654
Delta R.T. 0.15 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

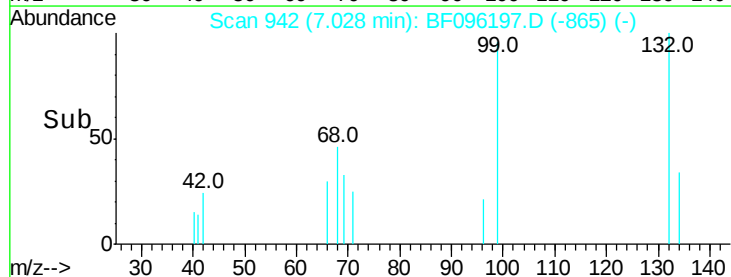
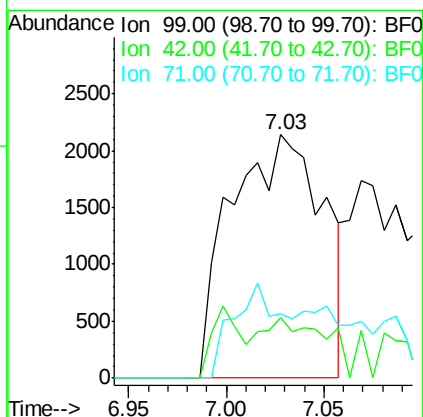
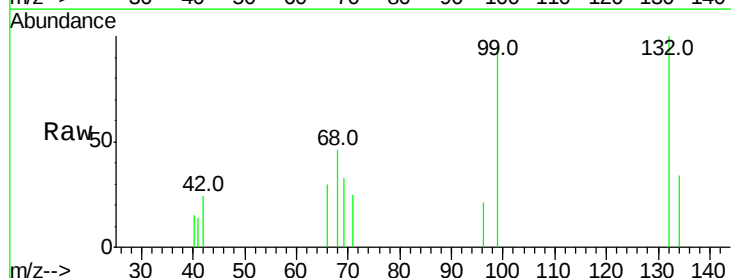
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 112 Resp: 2748
Ion Ratio Lower Upper
112 100
64 52.6 46.0 69.0
63 0.0 23.4 35.0#



#7
Phenol-d6
Concen: 1.56 ng
RT: 7.03 min Scan# 942
Delta R.T. 0.15 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion: 99 Resp: 7043
Ion Ratio Lower Upper
99 100
42 25.0 13.5 20.3#
71 26.4 24.5 36.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1328

Delta R.T. -0.03 min

Lab File: BF096197.D

Acq: 24 Jun 2017 18:52

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 235421

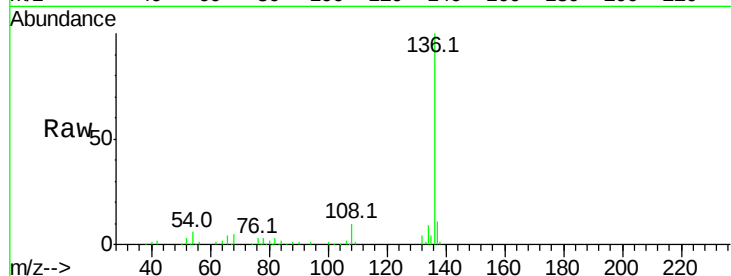
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.2 4.9 7.3

68 5.2 4.1 6.1

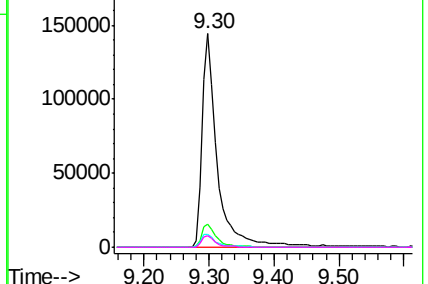
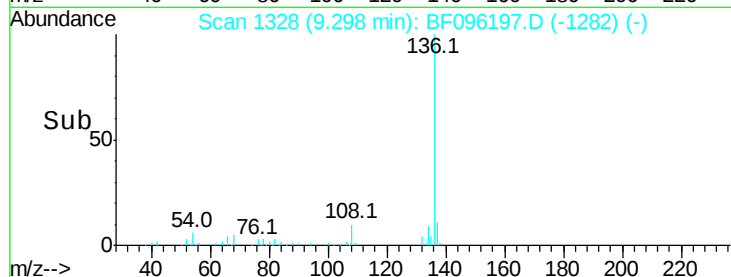


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.22 ng

RT: 8.30 min Scan# 1158

Delta R.T. 0.08 min

Lab File: BF096197.D

Acq: 24 Jun 2017 18:52

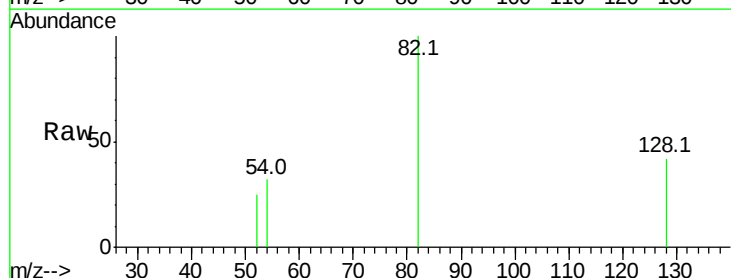
Tgt Ion: 82 Resp: 4617

Ion Ratio Lower Upper

82 100

128 42.4 34.0 51.0

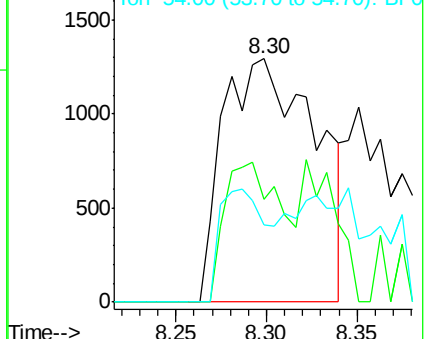
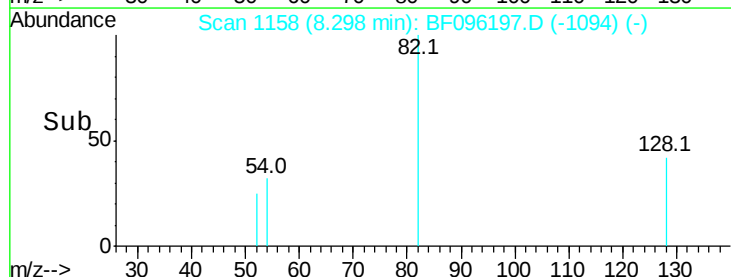
54 31.7 42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.12 min Scan# 1807

Delta R.T. -0.04 min

Lab File: BF096197.D

Acq: 24 Jun 2017 18:52

Instrument :

BNA_F

ClientSampleId :

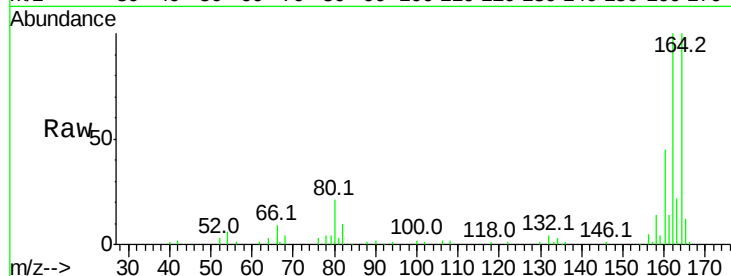
Tot Ion:164 Resp: 91609

Ion Ratio Lower Upper

164 100

162 99.5 82.6 123.8

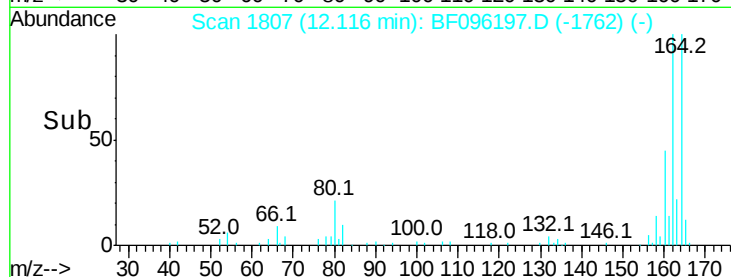
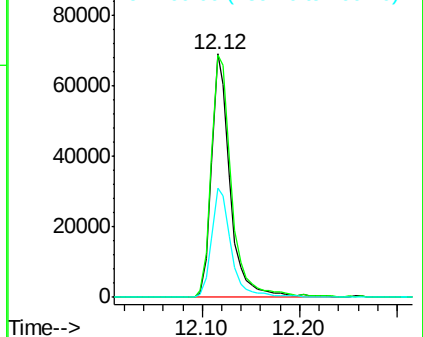
160 44.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 2.03 ng

RT: 13.46 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BF096197.D

Acq: 24 Jun 2017 18:52

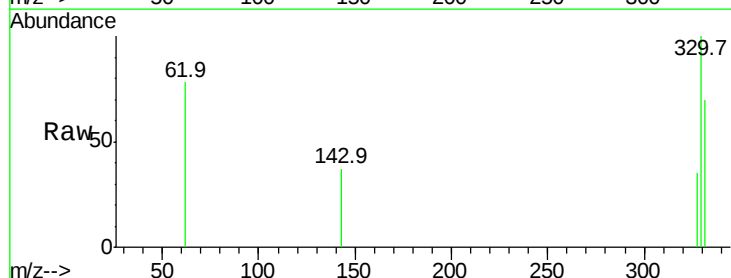
Tgt Ion:330 Resp: 1643

Ion Ratio Lower Upper

330 100

332 111.0 76.6 115.0

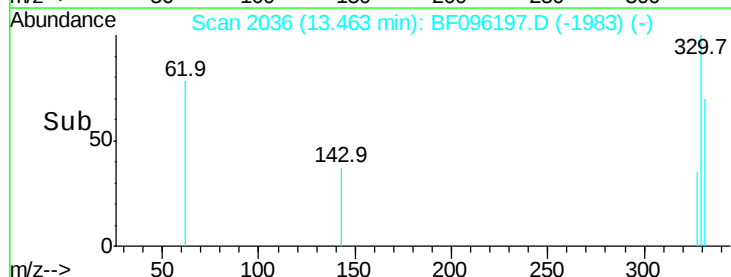
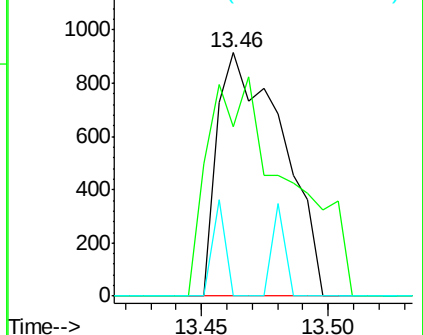
141 7.7 31.4 47.2#



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

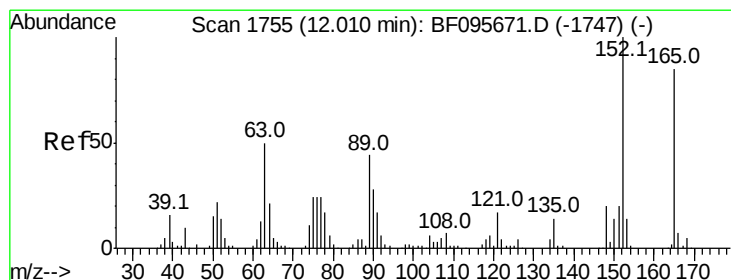
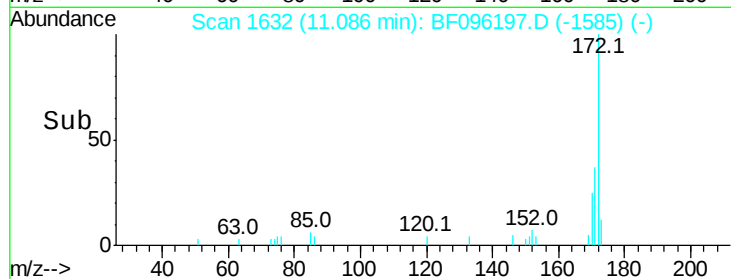
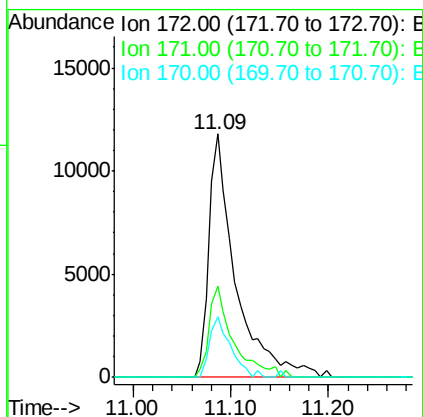
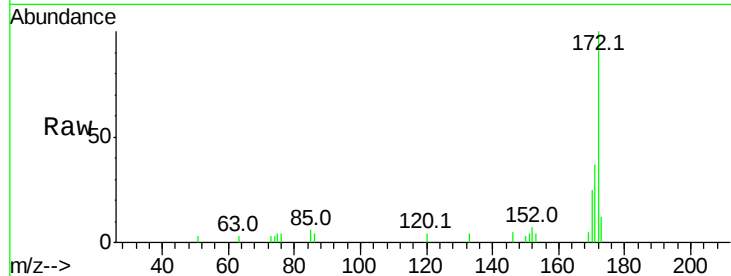




#44
 2-Fluorobiphenyl
 Concen: 3.41 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

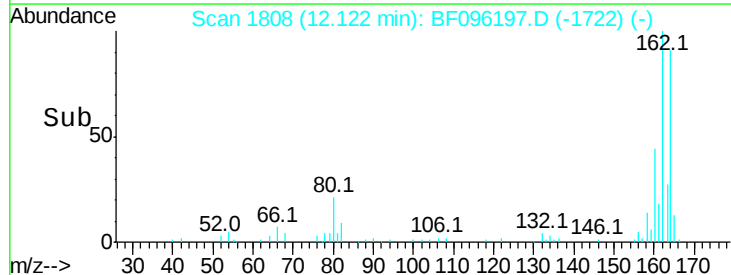
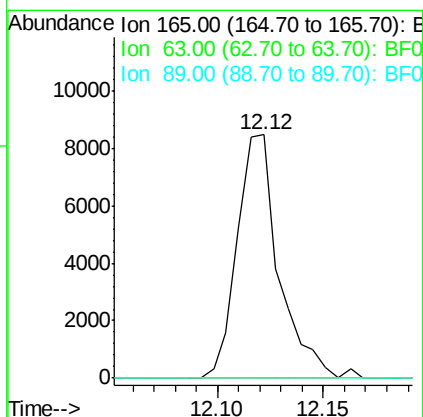
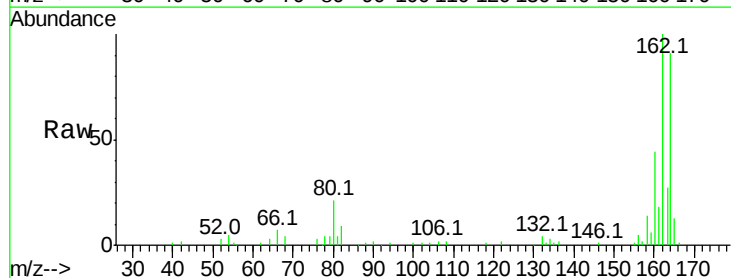
Instrument :
 BNA_F
 ClientSampleId :

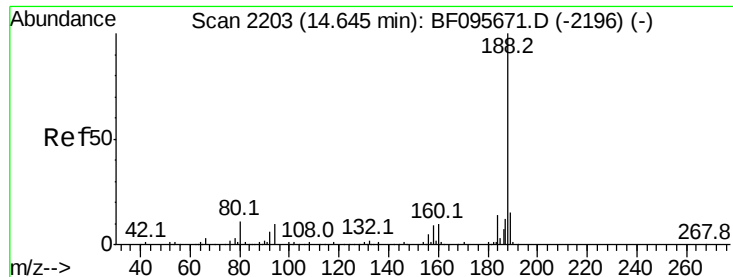
Tot Ion:172 Resp: 22432
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.6 44.4
 170 25.1 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 7.63 ng
 RT: 12.12 min Scan# 1808
 Delta R.T. 0.21 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Tgt Ion:165 Resp: 11569
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

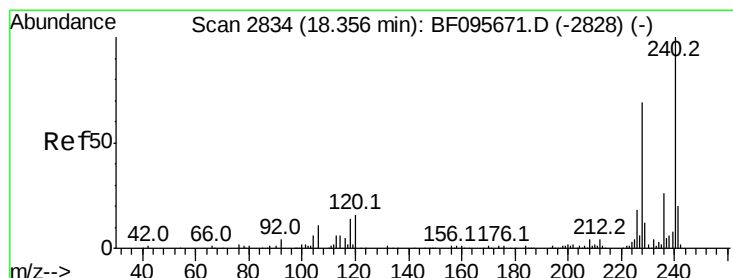
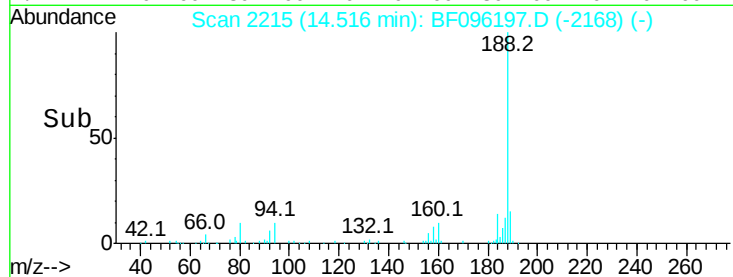
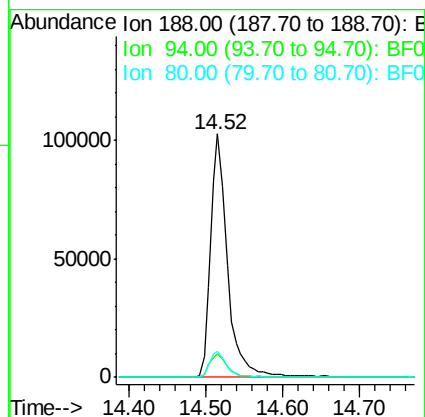
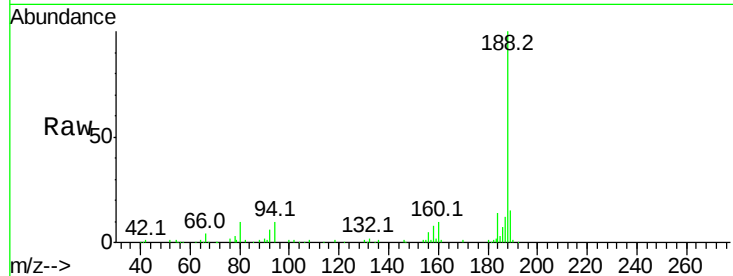




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

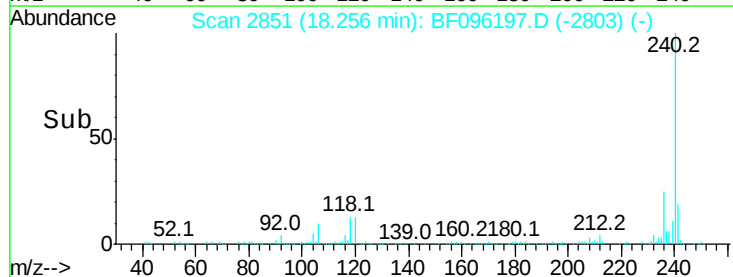
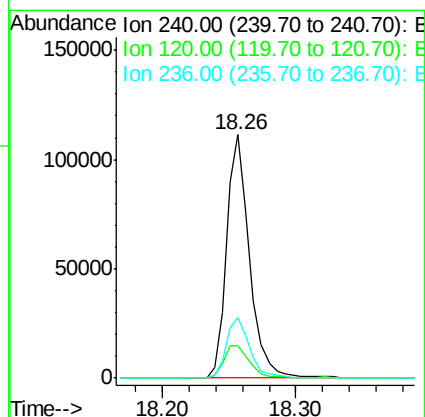
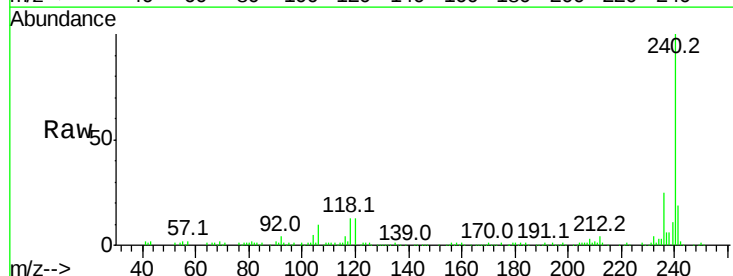
Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 155151
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096197.D
Acq: 24 Jun 2017 18:52

Tgt Ion:240 Resp: 134282
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.8 20.5 30.7

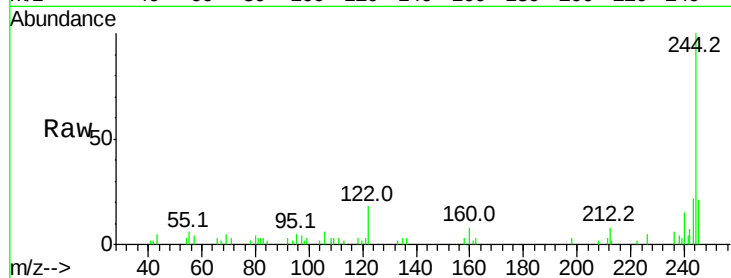




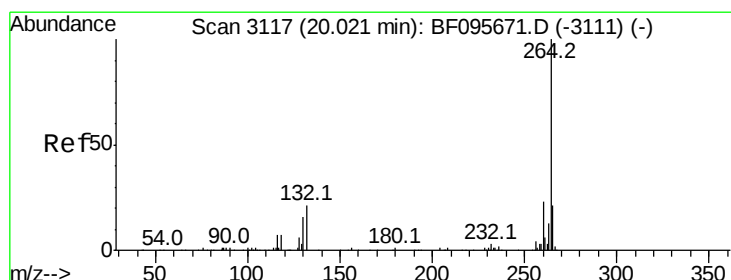
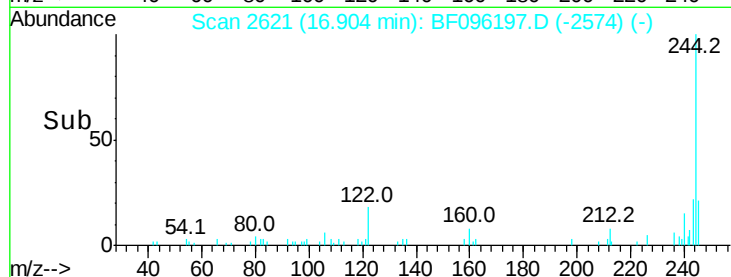
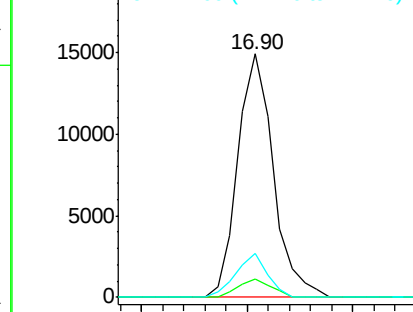
#78
 Terphenyl-d14
 Concen: 3.21 ng
 RT: 16.90 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 17375
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 18.0 10.3 15.5#

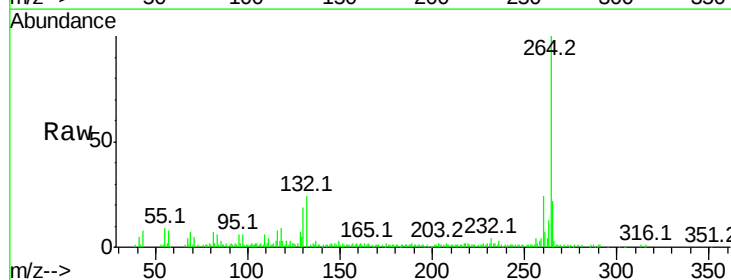


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.93 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BF096197.D
 Acq: 24 Jun 2017 18:52

Tgt Ion:264 Resp: 96164
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 22.3 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

