

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096058.D
 Acq On : 20 Jun 2017 22:24
 Operator : SJ/MA
 Sample : I3793-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 21 01:16:12 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

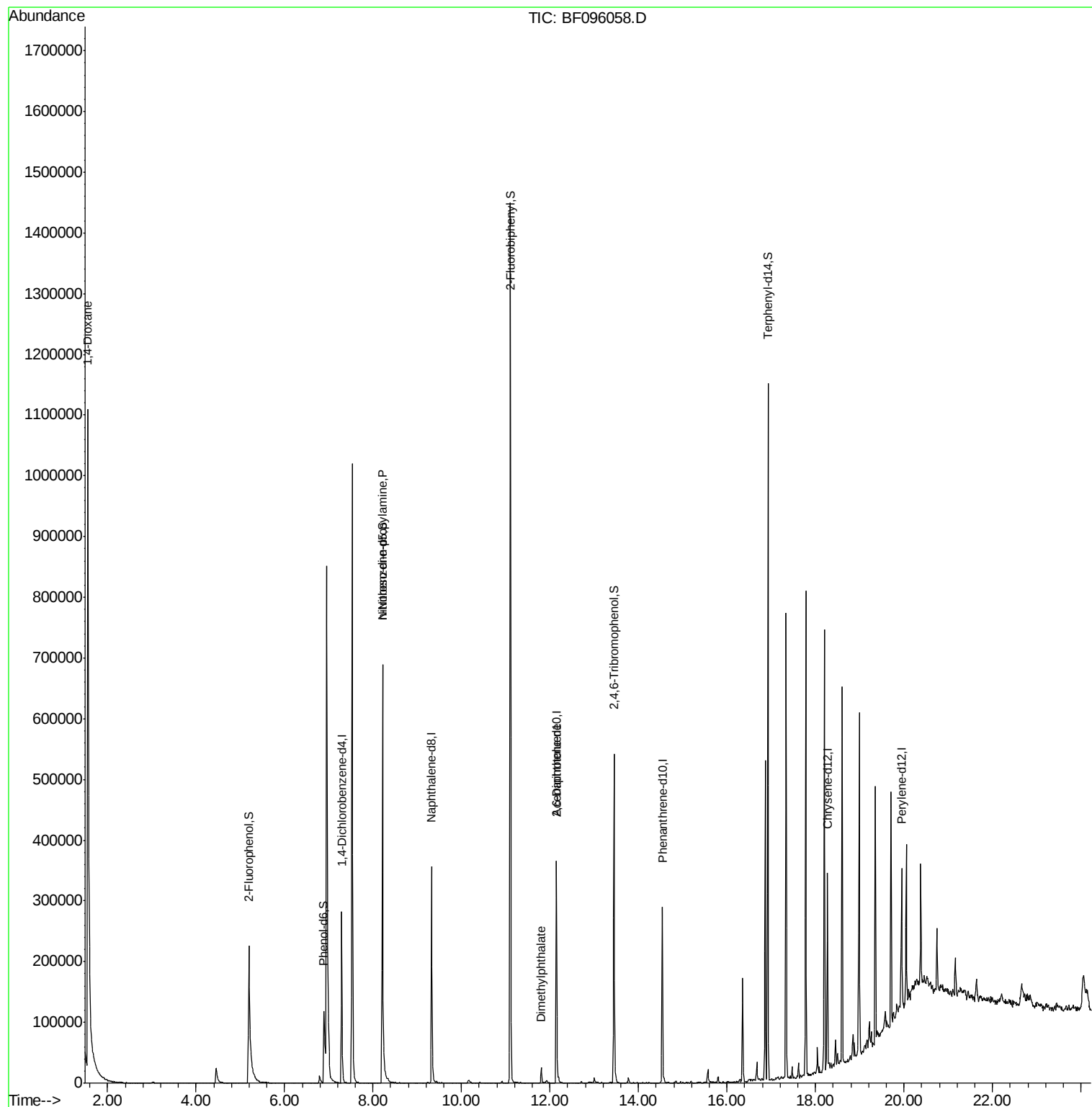
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	68919	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	263534	20.00	ng	0.00
38) Acenaphthene-d10	12.15	164	101873	20.00	ng	0.00
63) Phenanthrene-d10	14.54	188	158129	20.00	ng	0.00
75) Chrysene-d12	18.27	240	125373	20.00	ng	0.00
86) Perylene-d12	19.94	264	93220	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	208507	48.21	ng	0.01
7) Phenol-d6	6.89	99	151351	29.23	ng	0.01
23) Nitrobenzene-d5	8.22	82	367325	86.56	ng	0.00
41) 2,4,6-Tribromophenol	13.44	330	94326	104.65	ng	0.00
44) 2-Fluorobiphenyl	11.11	172	685313	93.61	ng	0.00
78) Terphenyl-d14	16.93	244	445791	88.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	1.55	88	51290	24.93	ng	# 21
19) n-Nitroso-di-n-propylamine	8.22	70	46700	14.23	ng	# 73
49) Dimethylphthalate	11.80	163	19691	2.55	ng	98
50) 2,6-Dinitrotoluene	12.15	165	12905	7.65	ng	# 31

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

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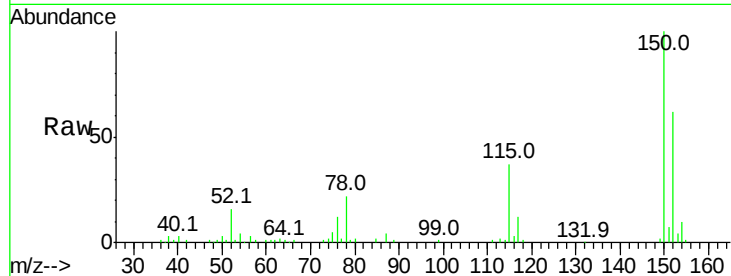


#1

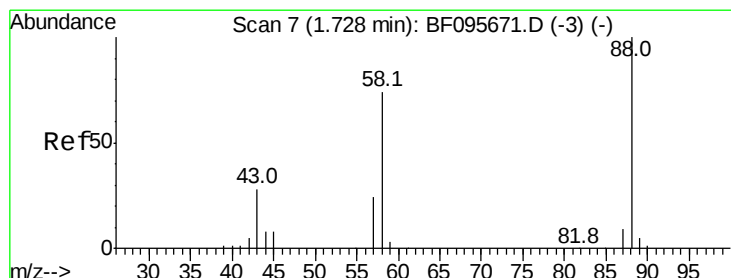
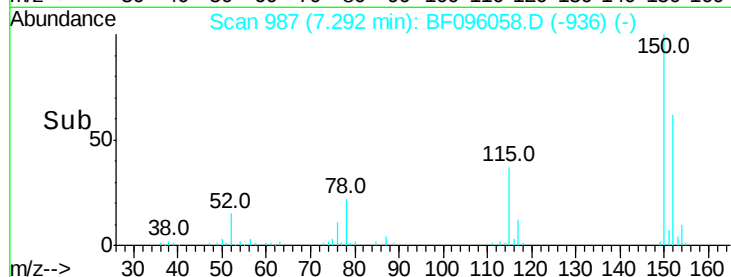
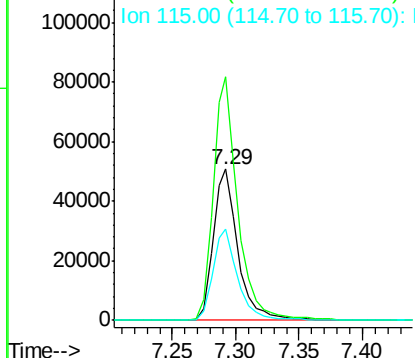
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68919
Ion Ratio Lower Upper
152 100
150 161.4 126.2 189.2
115 60.2 52.2 78.2



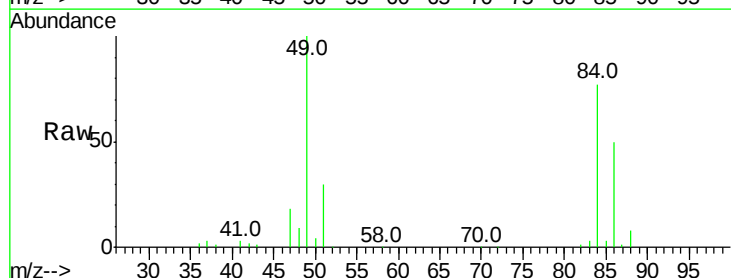
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



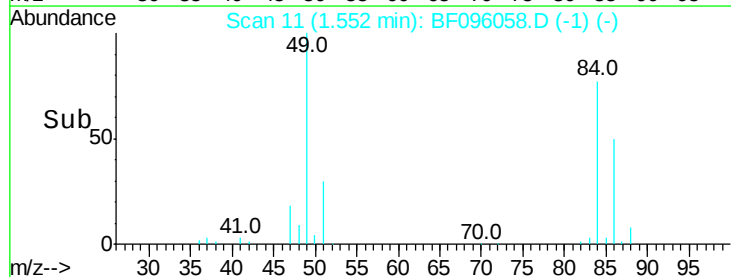
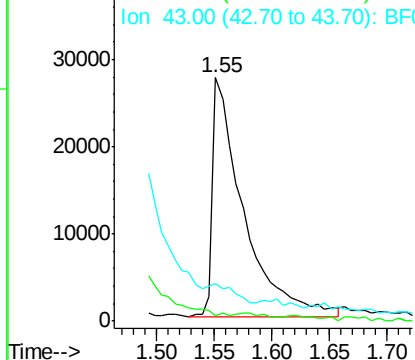
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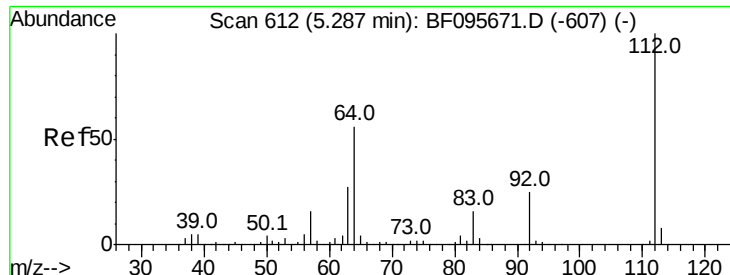
1,4-Dioxane
Concen: 24.93 ng
RT: 1.55 min Scan# 11
Delta R.T. -0.06 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

Tgt Ion: 88 Resp: 51290
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: 48.21 ng

RT: 5.19 min Scan# 630

Delta R.T. 0.01 min

Lab File: BF096058.D

Acq: 20 Jun 2017 22:24

Instrument :

BNA_F

ClientSampled :

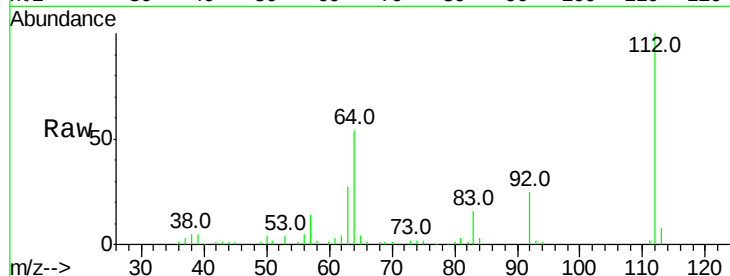
Tot Ion: 112 Resp: 208507

Ion Ratio Lower Upper

112 100

64 53.9 46.0 69.0

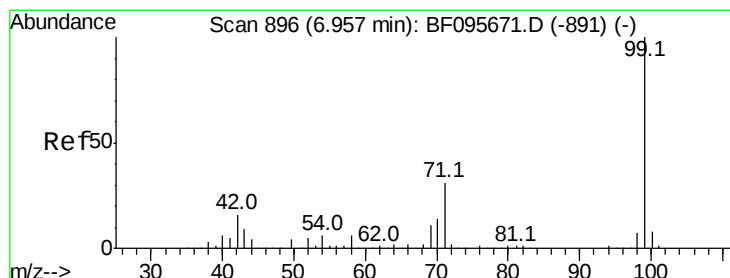
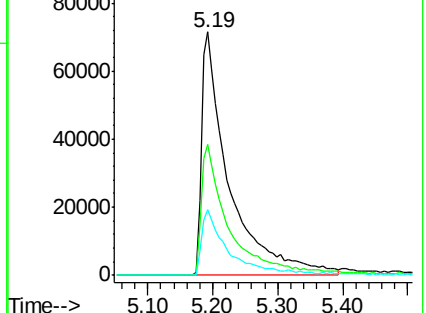
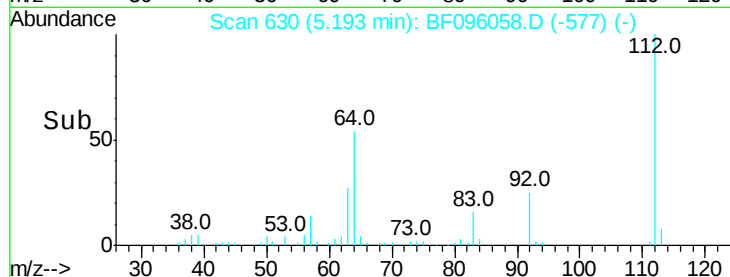
63 27.0 23.4 35.0



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: 29.23 ng

RT: 6.89 min Scan# 918

Delta R.T. 0.01 min

Lab File: BF096058.D

Acq: 20 Jun 2017 22:24

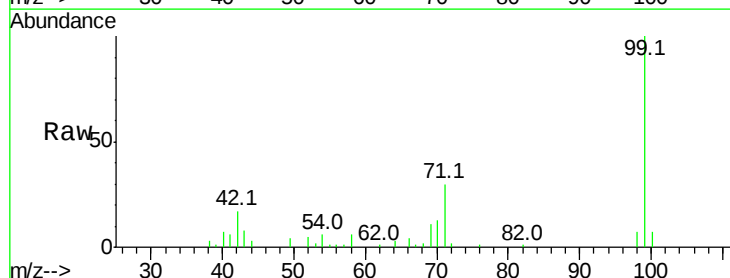
Tgt Ion: 99 Resp: 151351

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

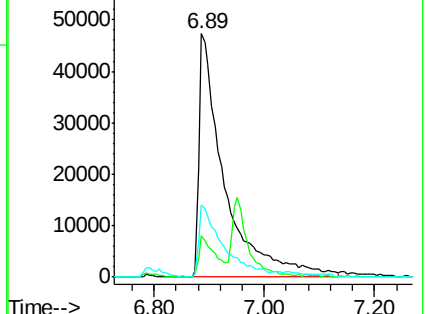
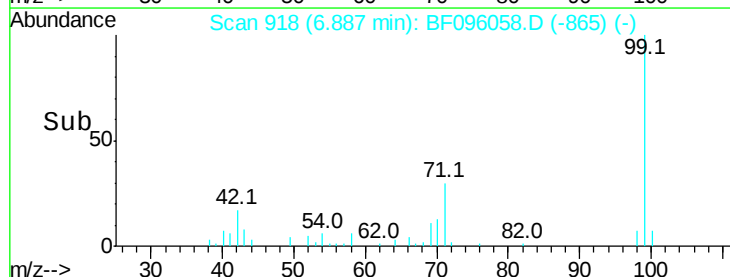
71 29.8 24.5 36.7

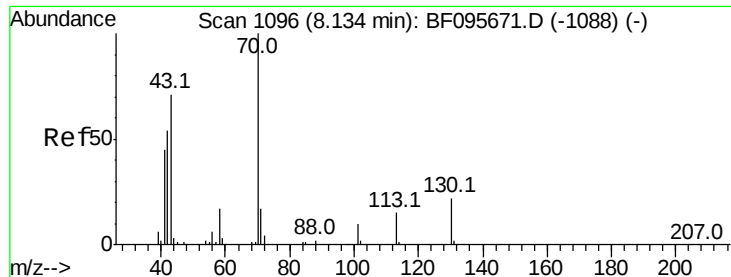


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

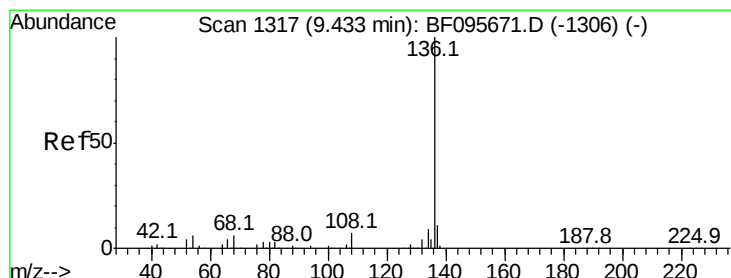
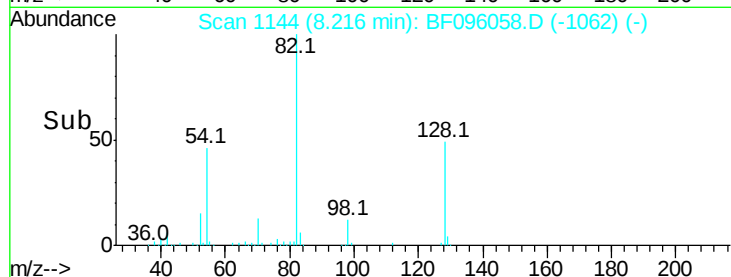
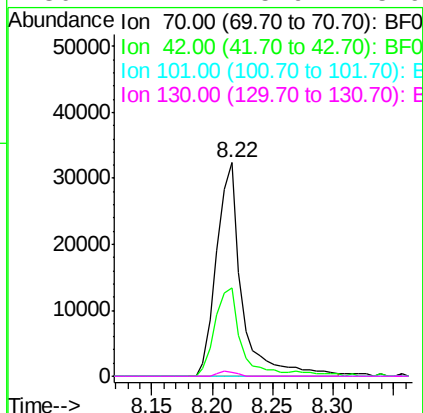
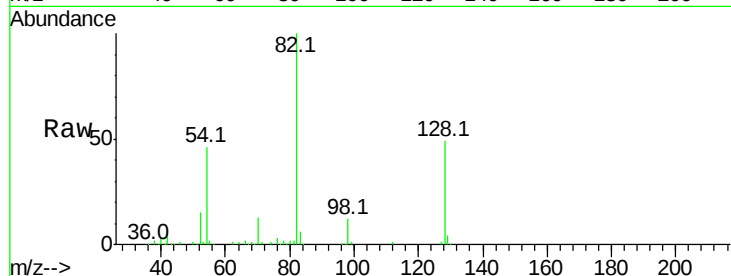




#19
n-Nitroso-di-n-propylamine
Concen: 14.23 ng
RT: 8.22 min Scan# 1144
Delta R.T. 0.18 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

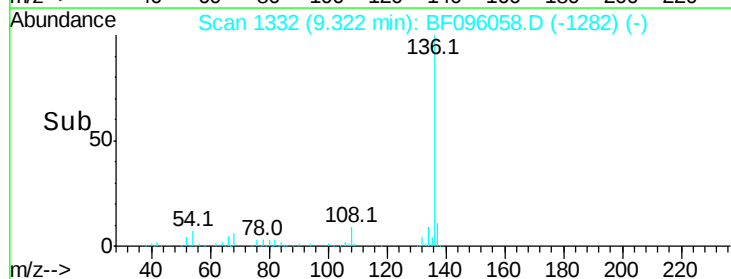
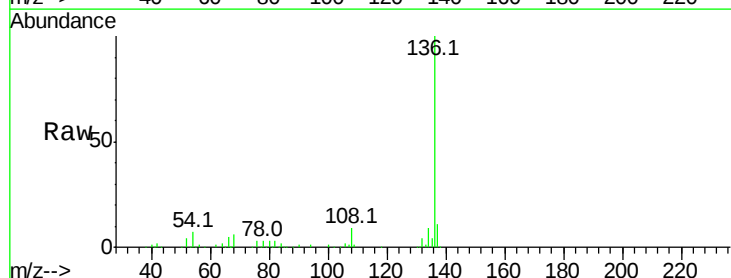
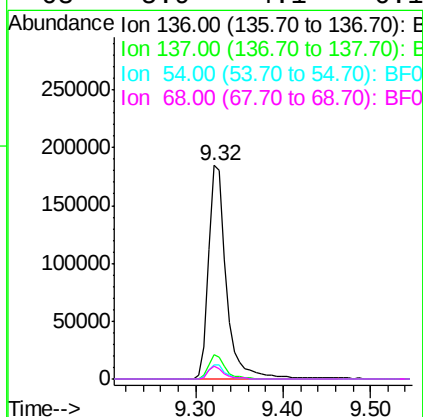
Instrument :
BNA_F
ClientSampleId :

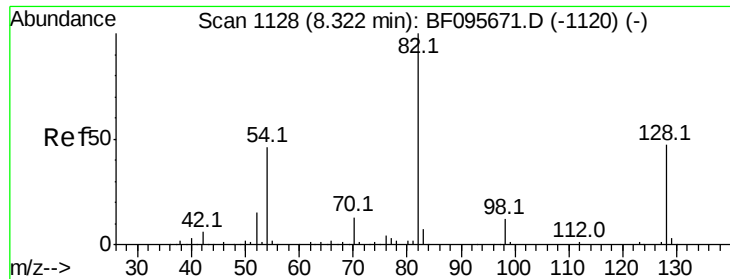
Tot Ion: 70 Resp: 46700
Ion Ratio Lower Upper
70 100
42 41.6 47.2 70.8#
101 0.0 7.2 10.8#
130 2.1 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.32 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

Tgt Ion: 136 Resp: 263534
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 6.9 4.9 7.3
68 5.9 4.1 6.1

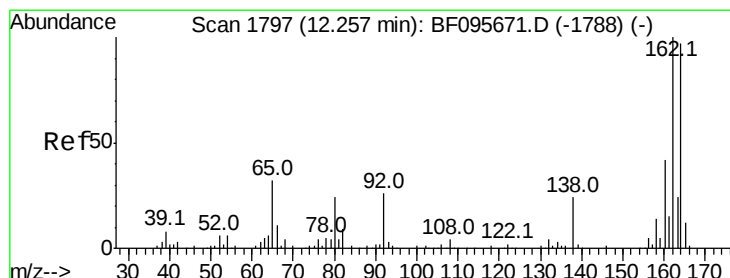
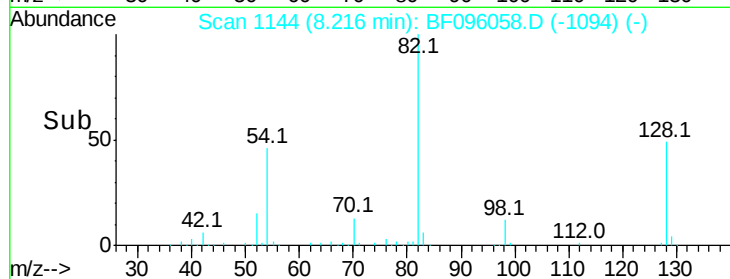
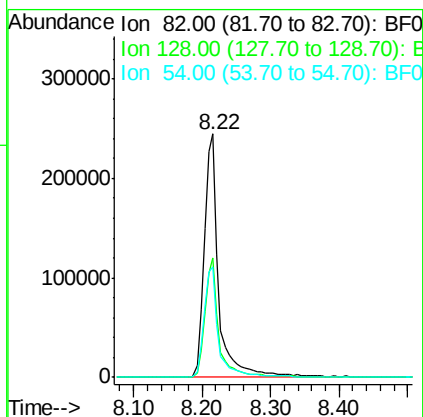
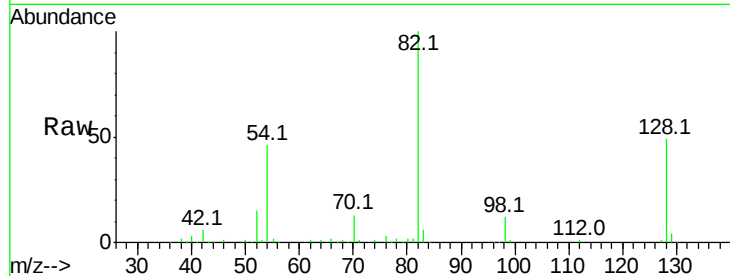




#23
 Nitrobenzene-d5
 Concen: 86.56 ng
 RT: 8.22 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF096058.D
 Acq: 20 Jun 2017 22:24

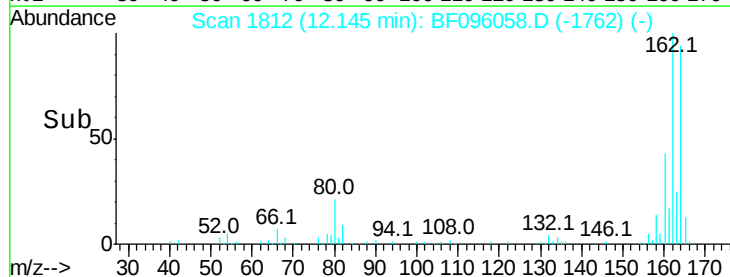
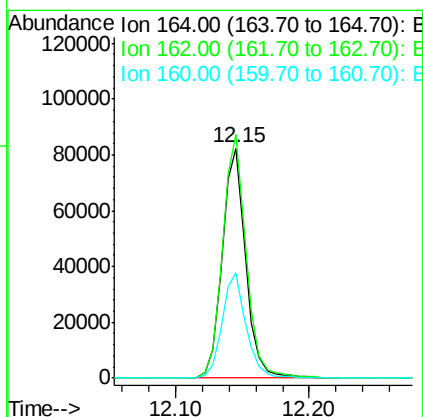
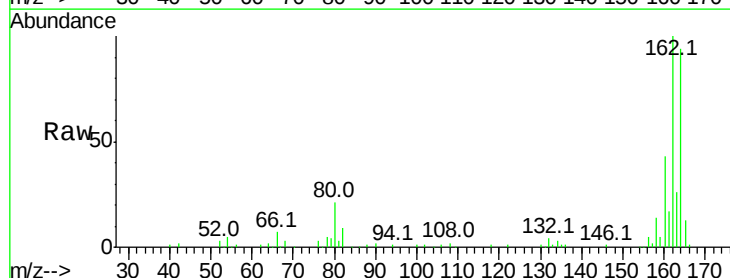
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 367325
 Ion Ratio Lower Upper
 82 100
 128 49.3 34.0 51.0
 54 45.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.15 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BF096058.D
 Acq: 20 Jun 2017 22:24

Tgt Ion:164 Resp: 101873
 Ion Ratio Lower Upper
 164 100
 162 105.9 82.6 123.8
 160 45.9 36.2 54.2

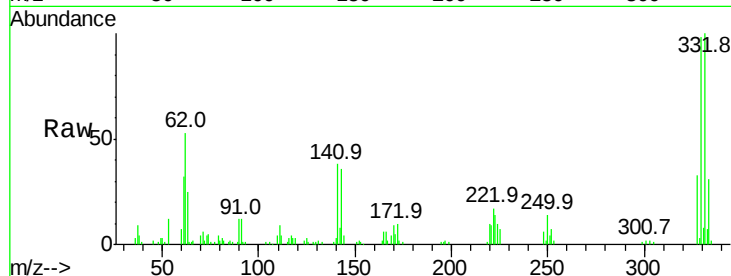




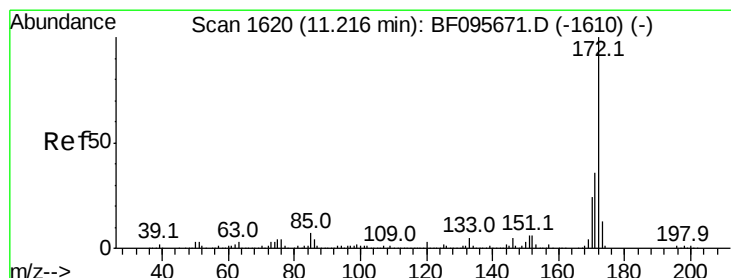
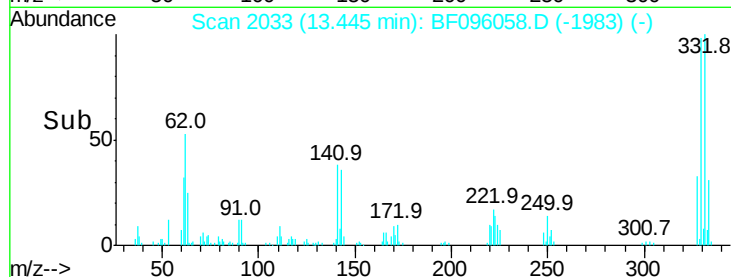
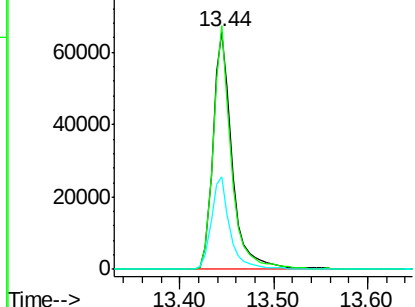
#41
 2,4,6-Tribromophenol
 Concen: 104.65 ng
 RT: 13.44 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF096058.D
 Acq: 20 Jun 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 94326
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 37.7 31.4 47.2

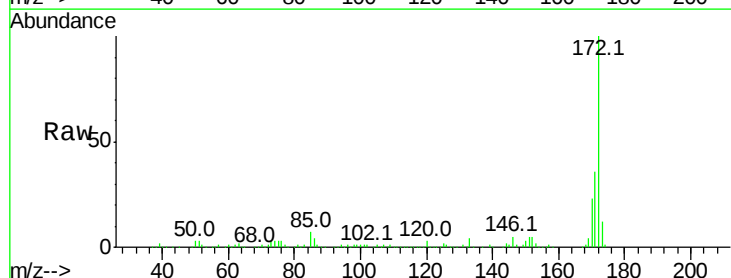


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

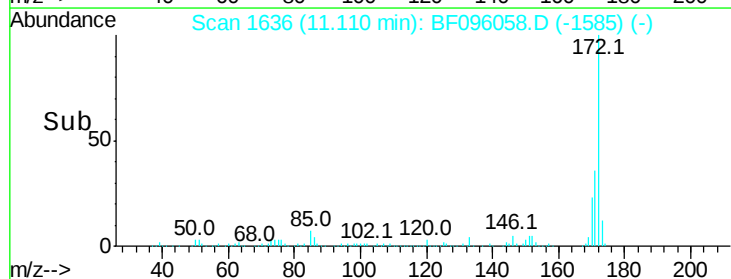
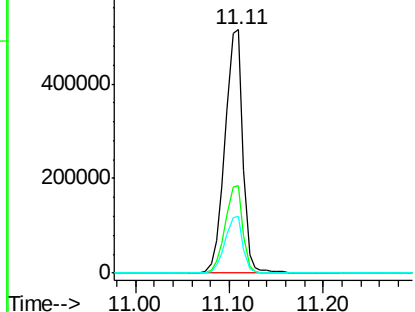


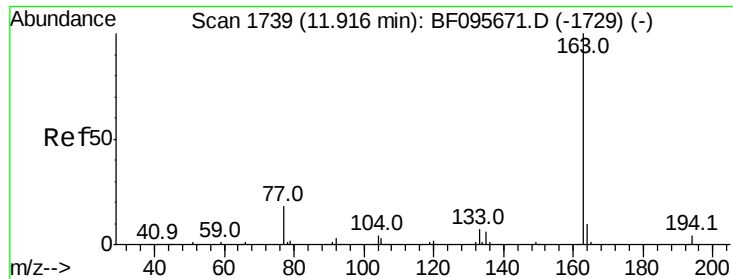
#44
 2-Fluorobiphenyl
 Concen: 93.61 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF096058.D
 Acq: 20 Jun 2017 22:24

Tgt Ion:172 Resp: 685313
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.4 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: 2.55 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096058.D

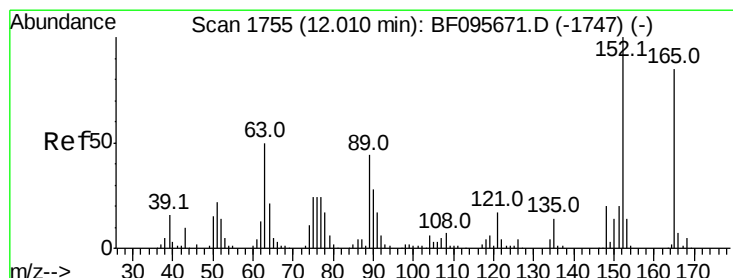
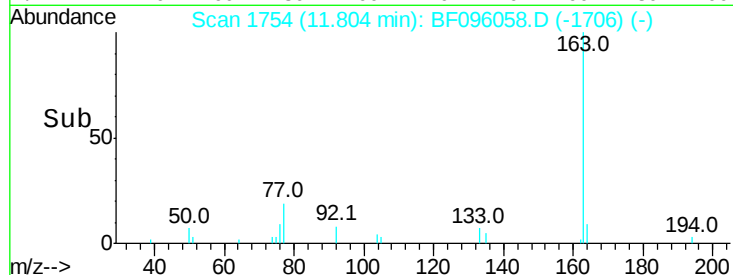
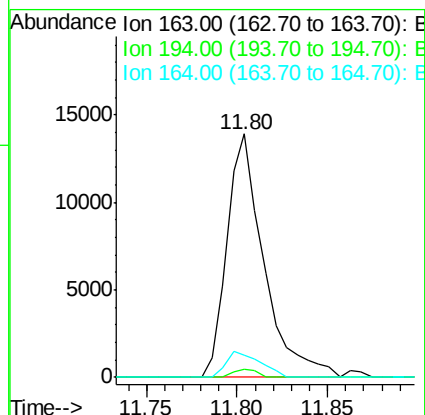
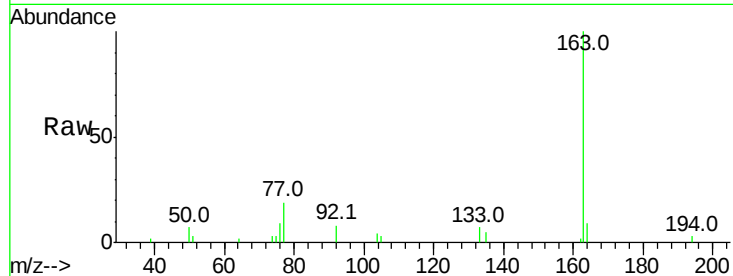
Acq: 20 Jun 2017 22:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	19691
Ion Ratio	Lower	Upper
163	100	
194	3.2	2.6 4.0
164	9.3	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.65 ng

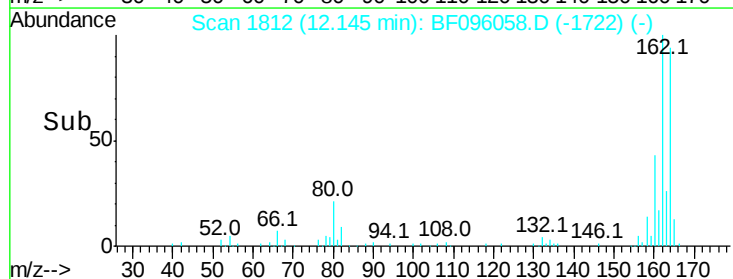
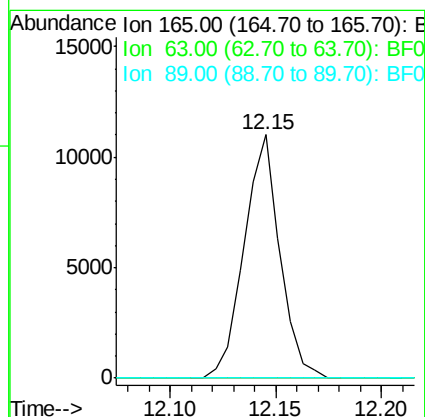
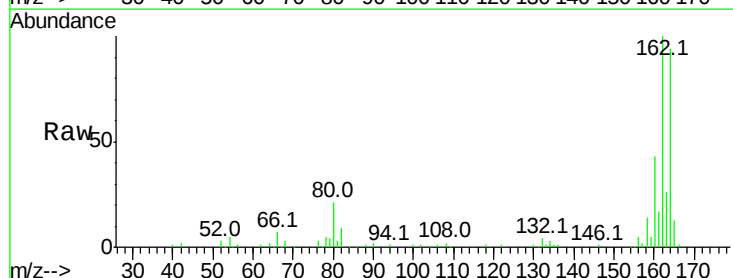
RT: 12.15 min Scan# 1812

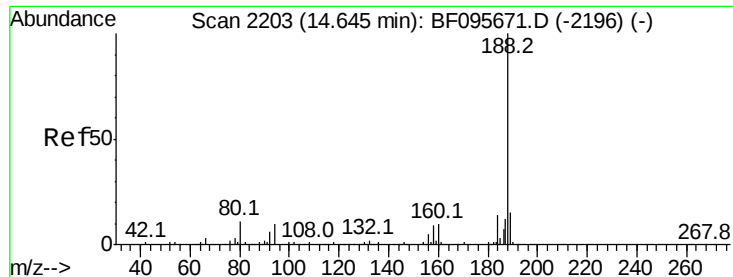
Delta R.T. 0.23 min

Lab File: BF096058.D

Acq: 20 Jun 2017 22:24

Tgt Ion:165	Resp:	12905
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.3 51.5#
89	0.0	37.1 55.7#

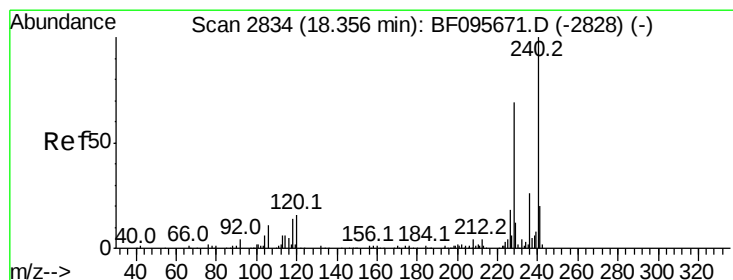
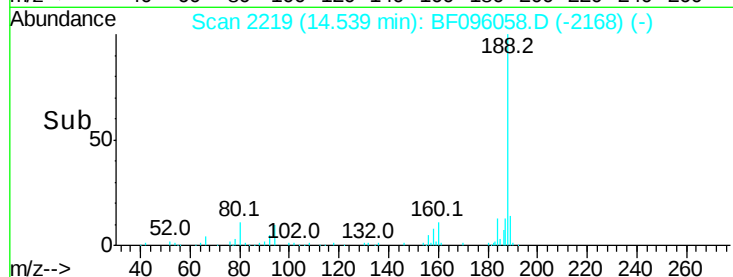
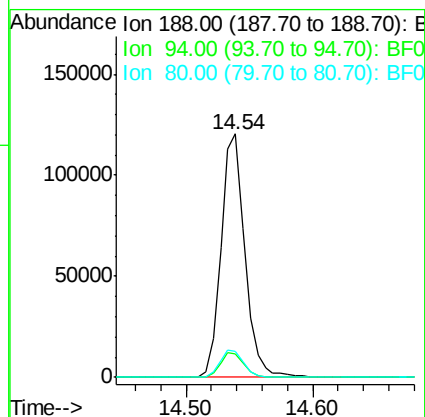
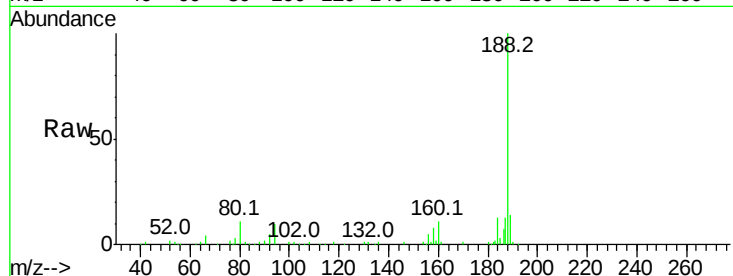




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

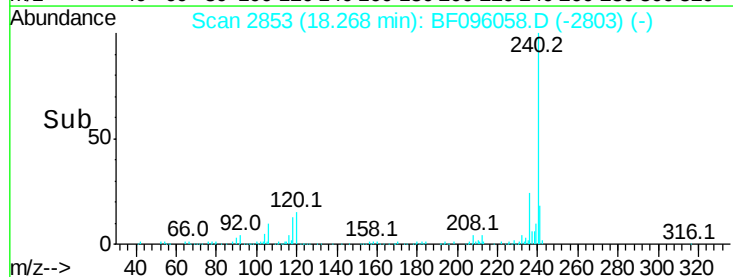
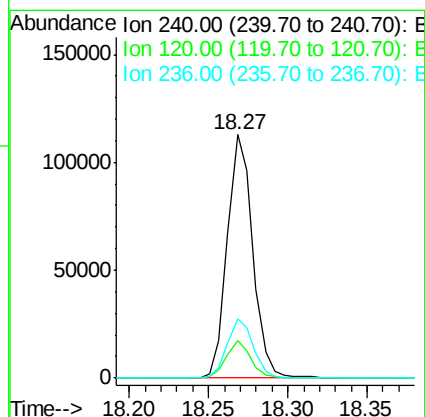
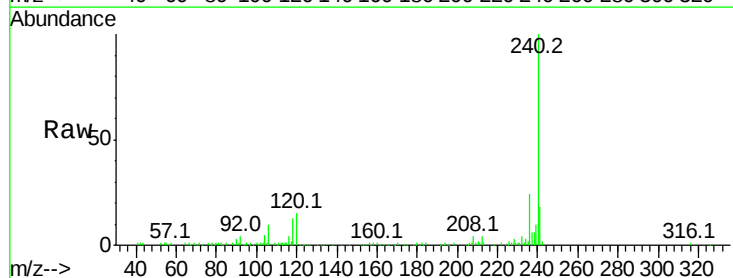
Instrument :
BNA_F
ClientSampleId :

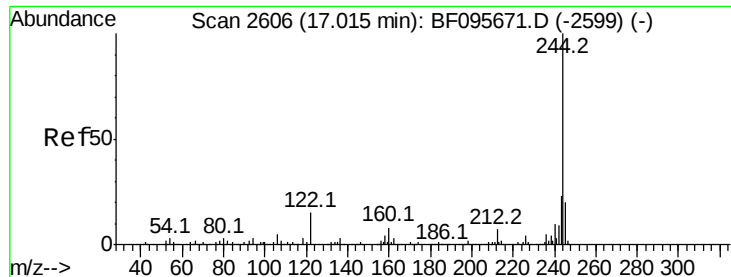
Tot Ion:188 Resp: 158129
Ion Ratio Lower Upper
188 100
94 9.8 9.4 14.2
80 10.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096058.D
Acq: 20 Jun 2017 22:24

Tgt Ion:240 Resp: 125373
Ion Ratio Lower Upper
240 100
120 15.3 5.8 8.8#
236 24.4 20.5 30.7

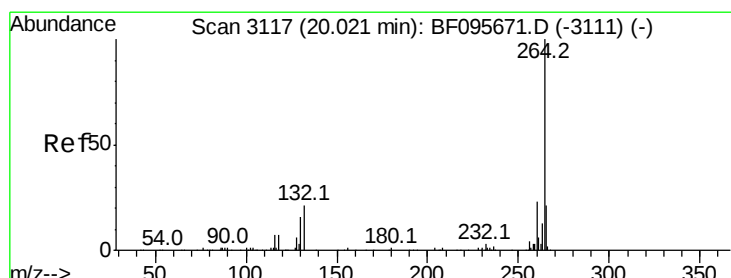
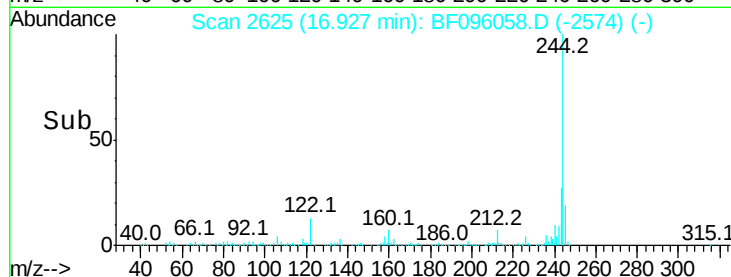
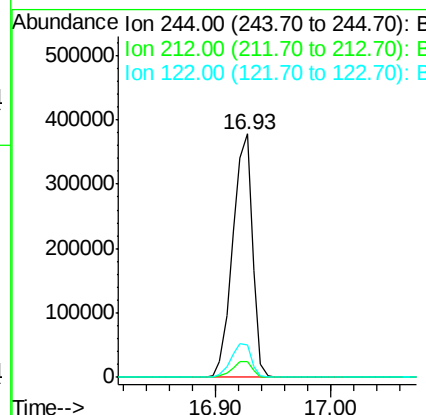
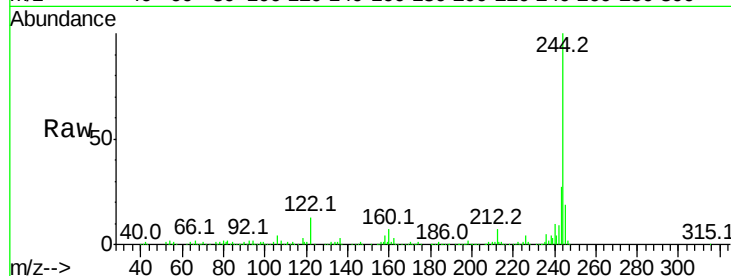




#78
 Terphenyl-d14
 Concen: 88.24 ng
 RT: 16.93 min Scan# 2625
 Delta R.T. 0.00 min
 Lab File: BF096058.D
 Acq: 20 Jun 2017 22:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 445791
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 13.2 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: BF096058.D
 Acq: 20 Jun 2017 22:24

Tgt Ion:264 Resp: 93220
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.8 17.2 25.8

