

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096140.D
 Acq On : 23 Jun 2017 2:09
 Operator : SJ/MA
 Sample : I3809-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 23 03:57:54 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

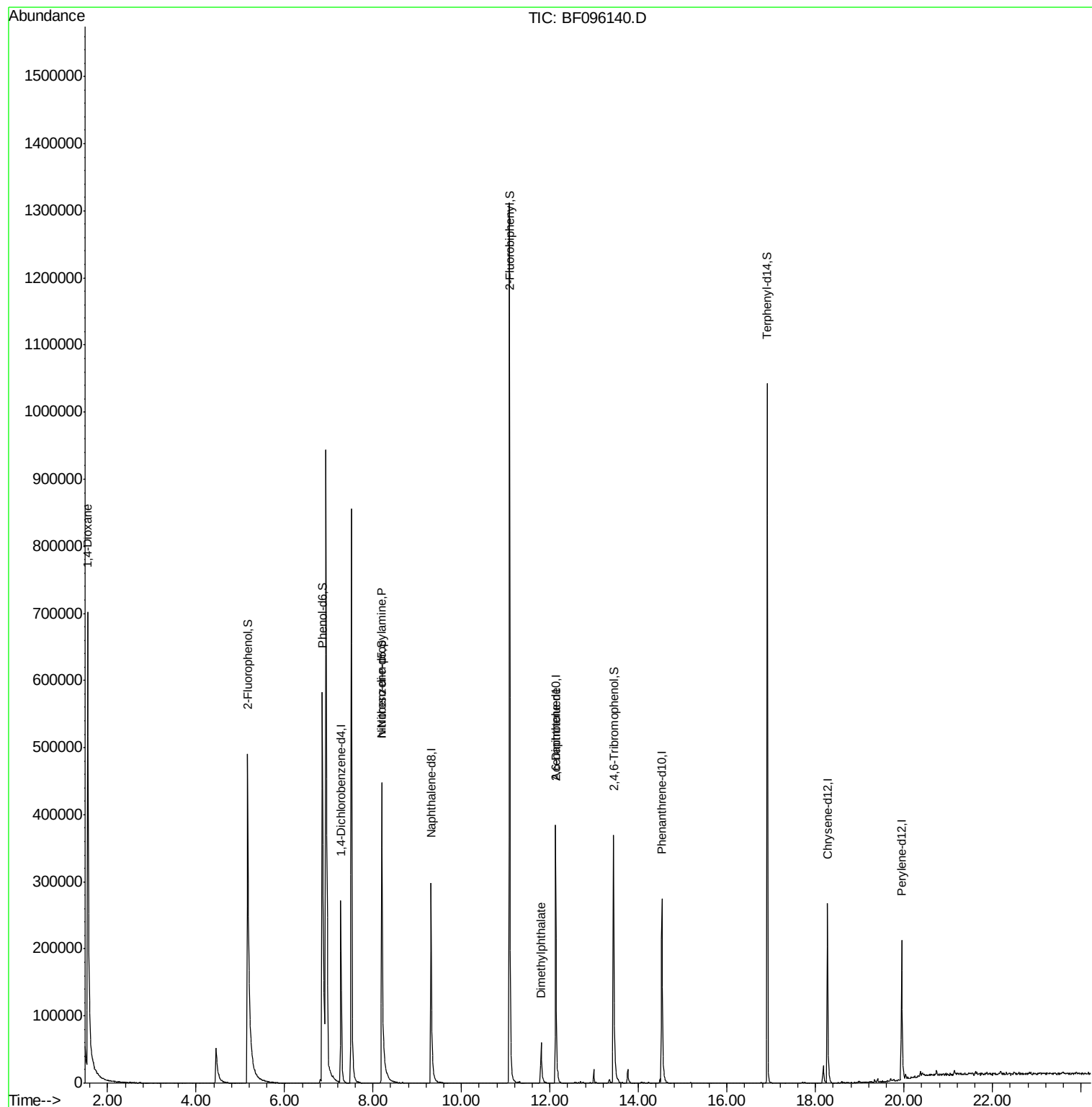
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	69393	20.00	ng	-0.02
21) Naphthalene-d8	9.31	136	284241	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	123109	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	191171	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	140263	20.00	ng	0.00
86) Perylene-d12	19.94	264	121127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	450458	103.44	ng	-0.02
7) Phenol-d6	6.85	99	560714	107.55	ng	-0.02
23) Nitrobenzene-d5	8.20	82	317656	69.41	ng	-0.02
41) 2,4,6-Tribromophenol	13.43	330	88132	80.91	ng	-0.02
44) 2-Fluorobiphenyl	11.09	172	637128	72.02	ng	-0.02
78) Terphenyl-d14	16.91	244	412386	72.97	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.55	88	32433	15.66	ng	# 21
19) n-Nitroso-di-n-propylamine	8.20	70	37276	11.28	ng	# 77
49) Dimethylphthalate	11.80	163	61337	6.56	ng	# 99
50) 2,6-Dinitrotoluene	12.13	165	15375	7.54	ng	# 31

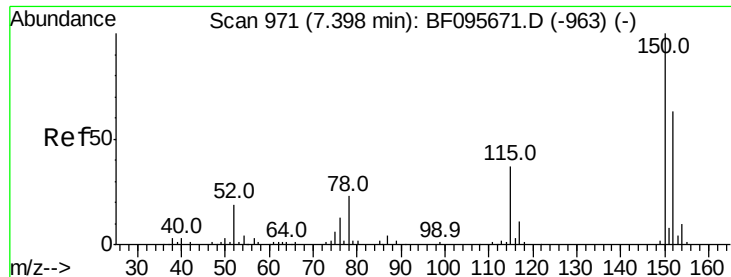
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF096140.D

Acq: 23 Jun 2017 2:09

Instrument :

BNA_F

ClientSampled :

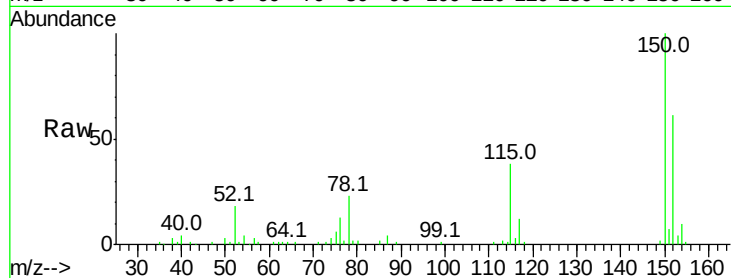
Tot Ion:152 Resp: 69393

Ion Ratio Lower Upper

152 100

150 162.9 126.2 189.2

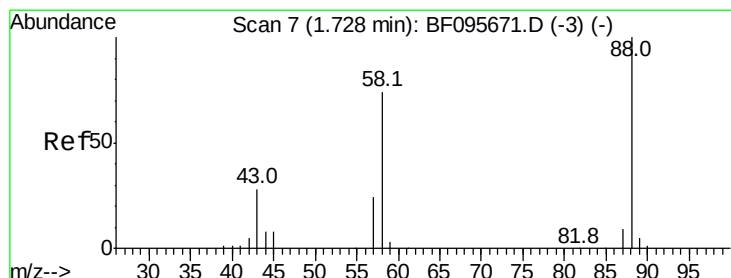
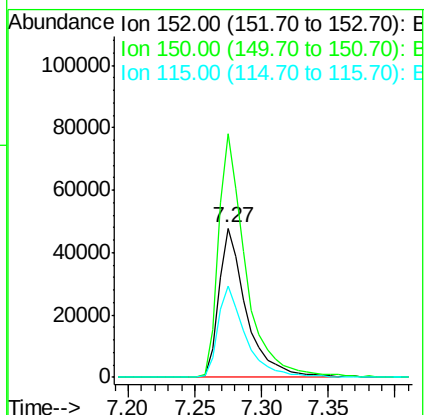
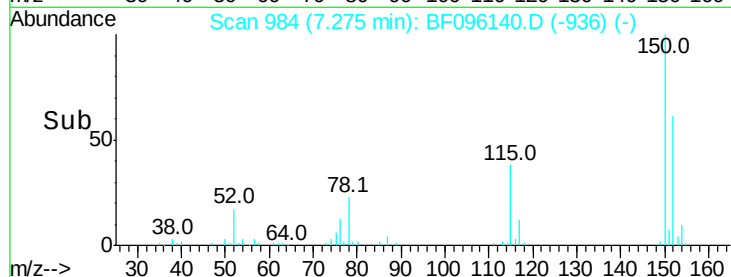
115 61.4 52.2 78.2



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: 15.66 ng

RT: 1.55 min Scan# 10

Delta R.T. -0.06 min

Lab File: BF096140.D

Acq: 23 Jun 2017 2:09

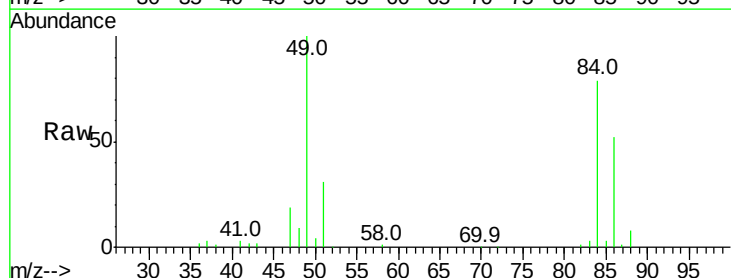
Tgt Ion: 88 Resp: 32433

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

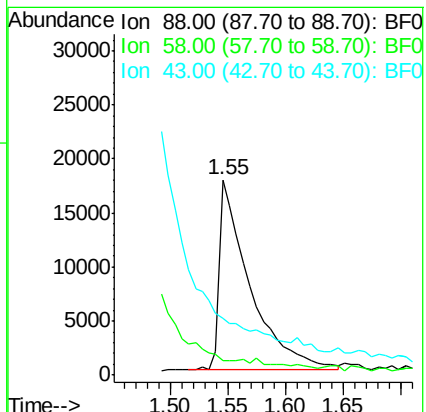
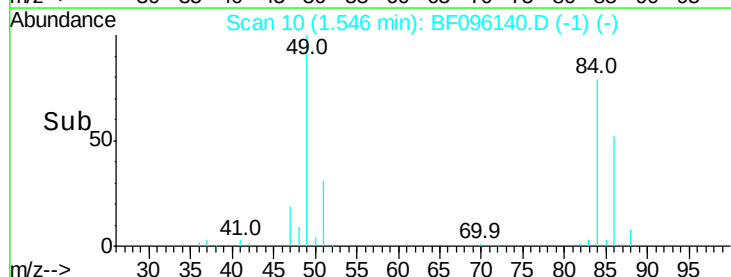
43 0.0 23.4 35.0#

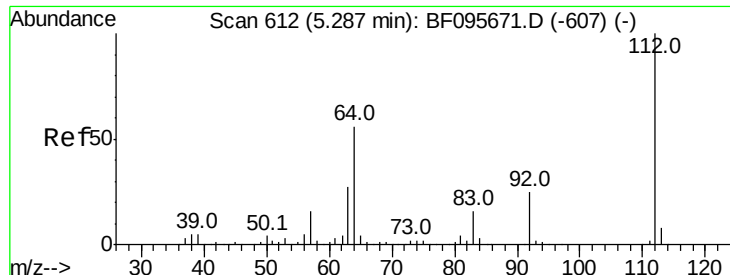


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

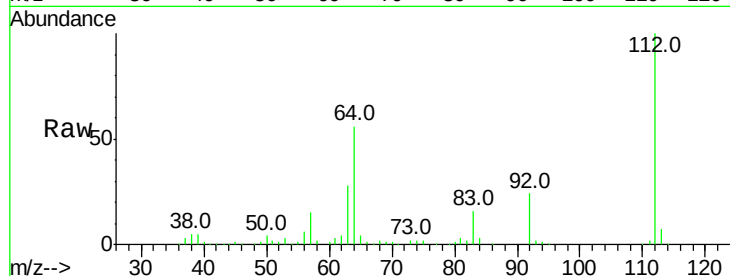




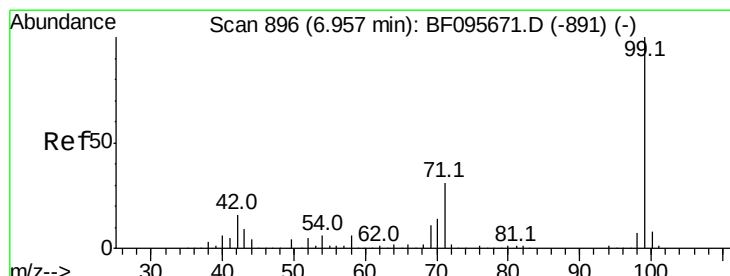
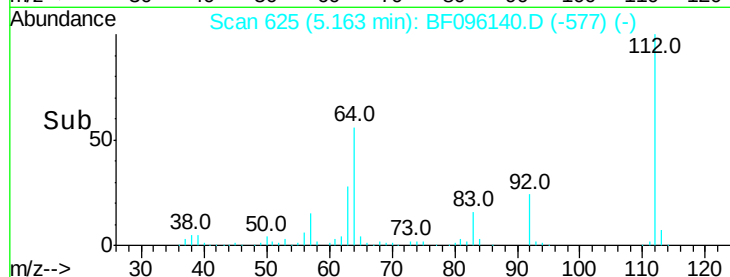
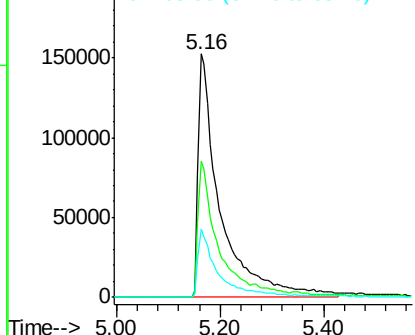
#5
2-Fluorophenol
Concen: 103.44 ng
RT: 5.16 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	28.1	23.4	35.0

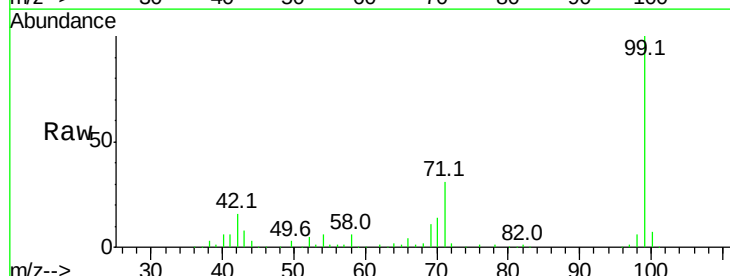


Abundance Ion 112.00 (111.70 to 112.70): E

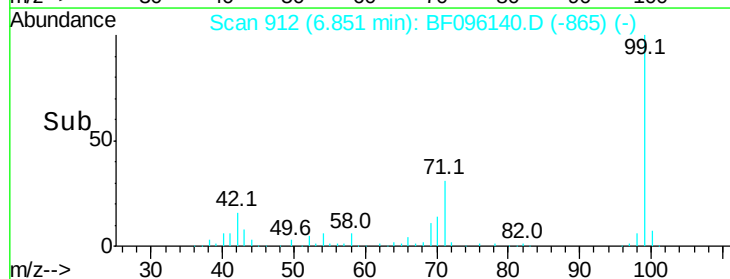
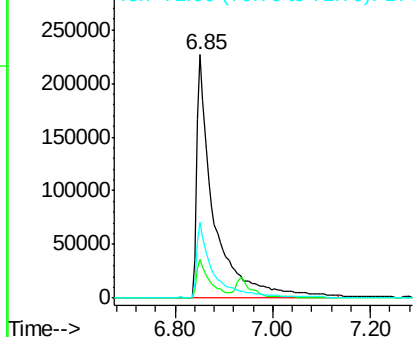


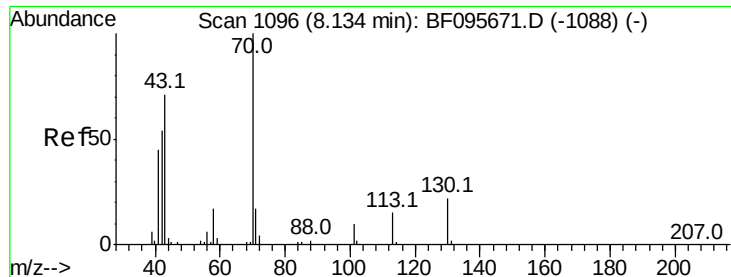
#7
Phenol-d6
Concen: 107.55 ng
RT: 6.85 min Scan# 912
Delta R.T. -0.02 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

Tgt Ion	Ratio	Lower	Upper
99	100		
42	15.7	13.5	20.3
71	31.2	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

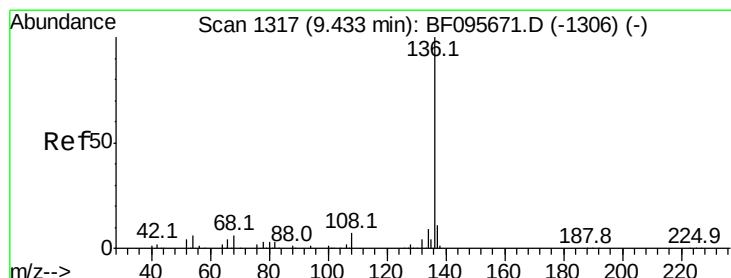
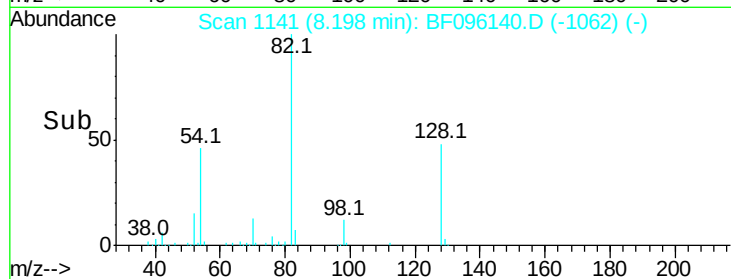
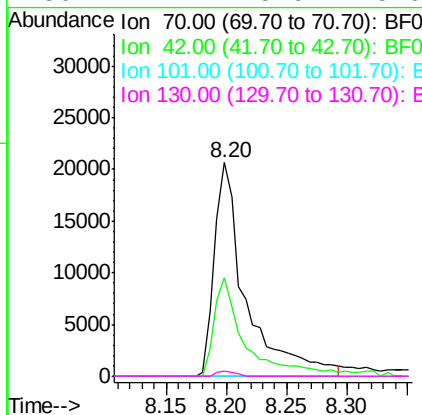
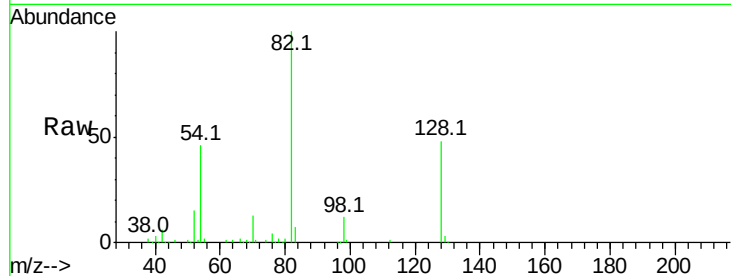




#19
n-Nitroso-di-n-propylamine
Concen: 11.28 ng
RT: 8.20 min Scan# 1141
Delta R.T. 0.16 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

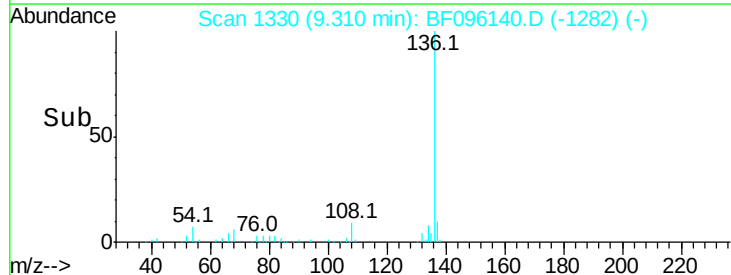
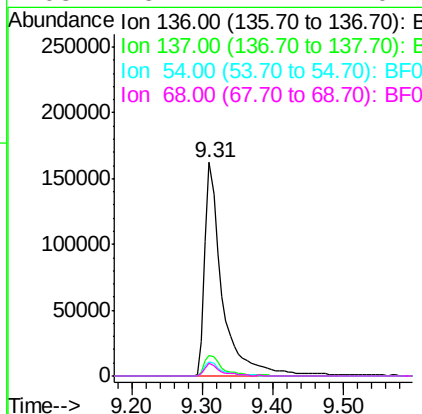
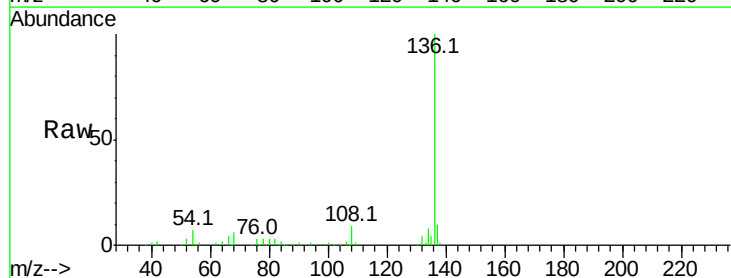
Instrument :
BNA_F
ClientSampleId :

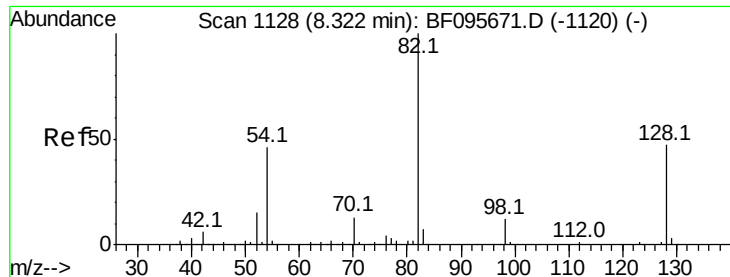
Tot Ion: 70 Resp: 37276
Ion Ratio Lower Upper
70 100
42 45.9 47.2 70.8#
101 0.0 7.2 10.8#
130 2.4 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

Tgt Ion: 136 Resp: 284241
Ion Ratio Lower Upper
136 100
137 9.7 8.5 12.7
54 6.8 4.9 7.3
68 5.7 4.1 6.1

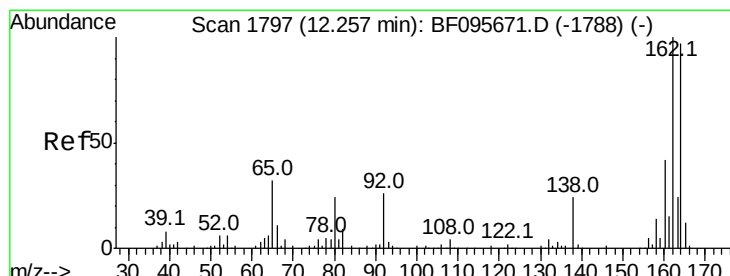
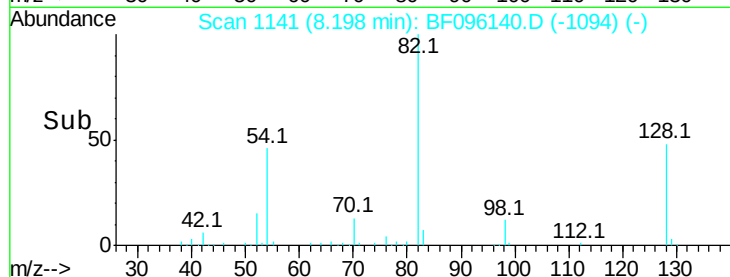
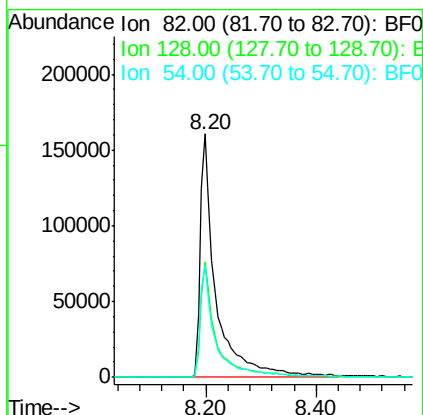
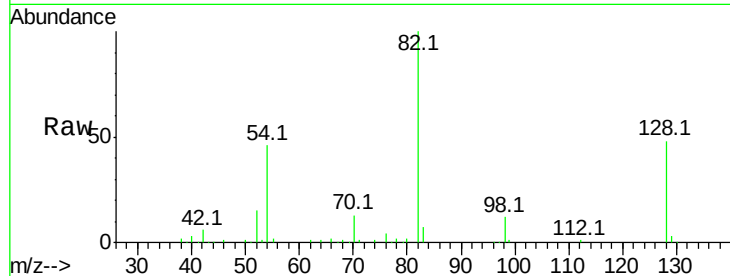




#23
Nitrobenzene-d5
Concen: 69.41 ng
RT: 8.20 min Scan# 1141
Delta R.T. -0.02 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

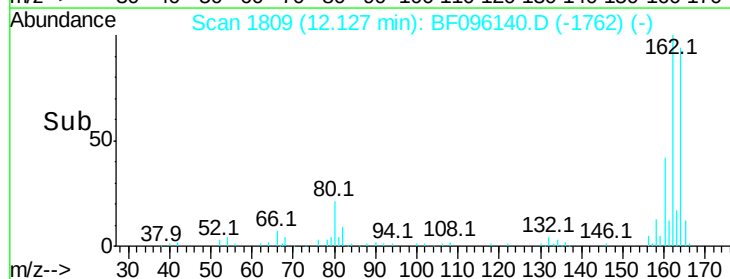
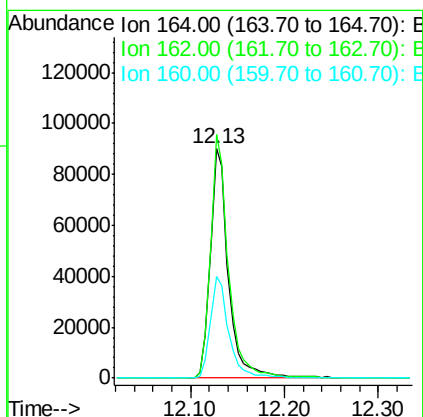
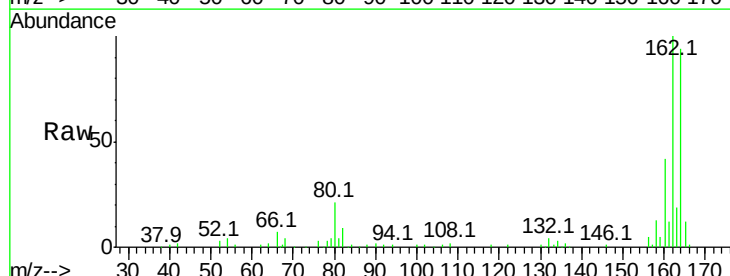
Instrument :
BNA_F
ClientSampled :

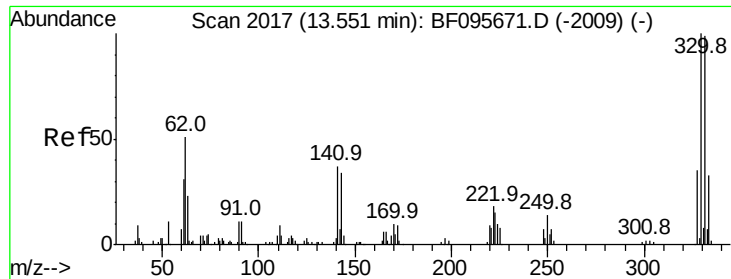
Tot Ion: 82 Resp: 317656
Ion Ratio Lower Upper
82 100
128 47.6 34.0 51.0
54 46.0 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1809
Delta R.T. -0.02 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

Tgt Ion:164 Resp: 123109
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 44.4 36.2 54.2

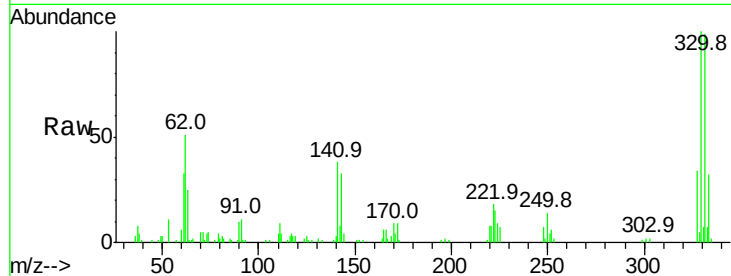




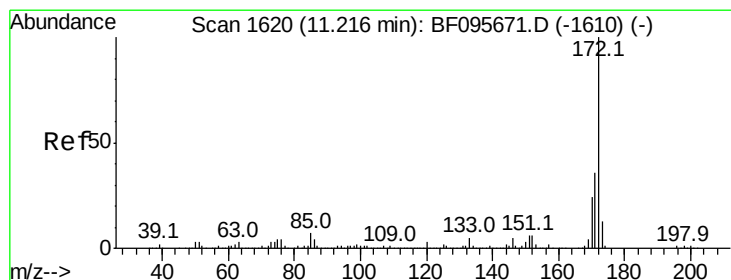
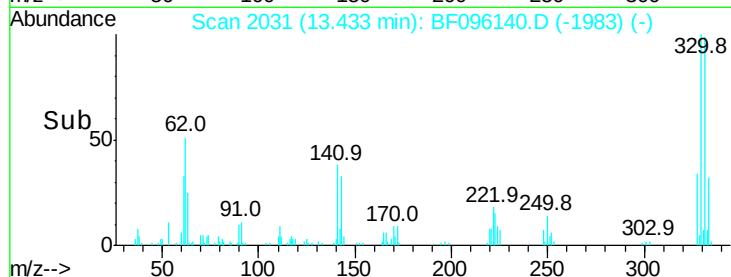
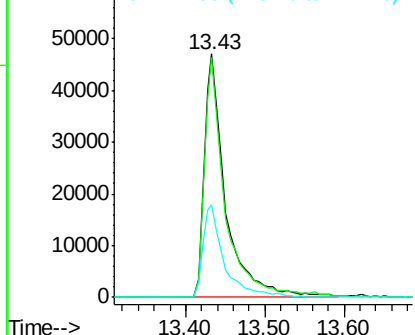
#41
 2,4,6-Tribromophenol
 Concen: 80.91 ng
 RT: 13.43 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF096140.D
 Acq: 23 Jun 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 88132
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.7 31.4 47.2

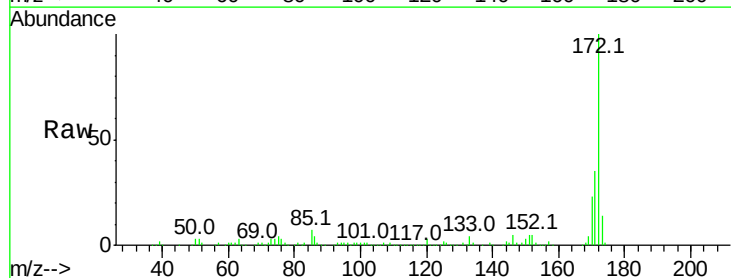


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

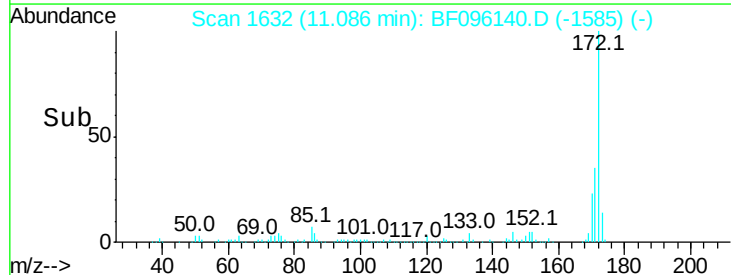
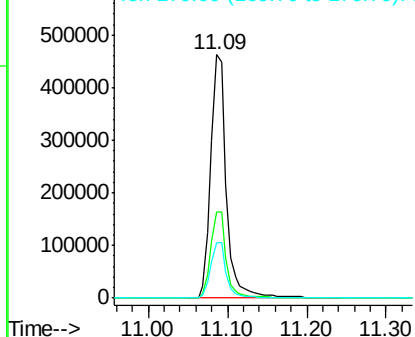


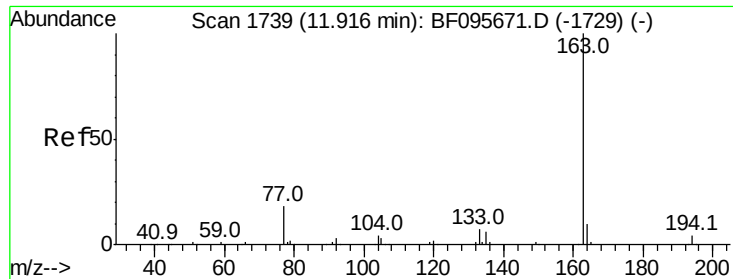
#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 11.09 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF096140.D
 Acq: 23 Jun 2017 2:09

Tgt Ion:172 Resp: 637128
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.6 44.4
 170 22.6 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: 6.56 ng

RT: 11.80 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096140.D

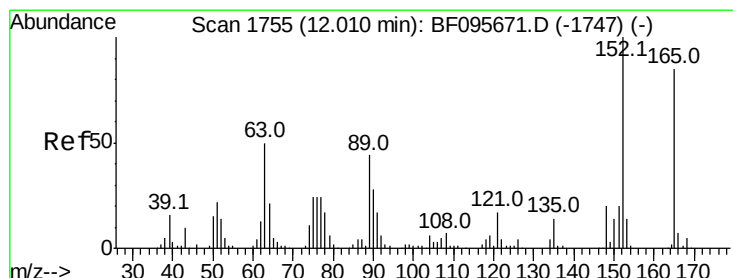
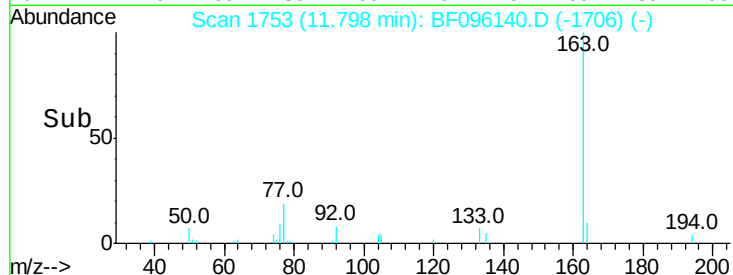
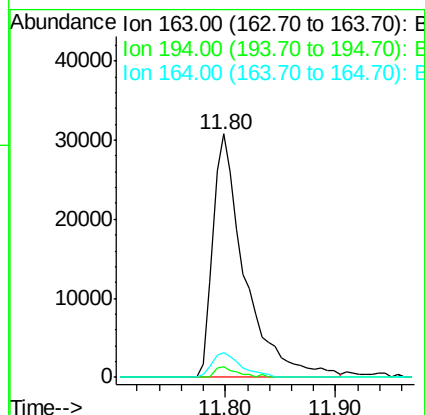
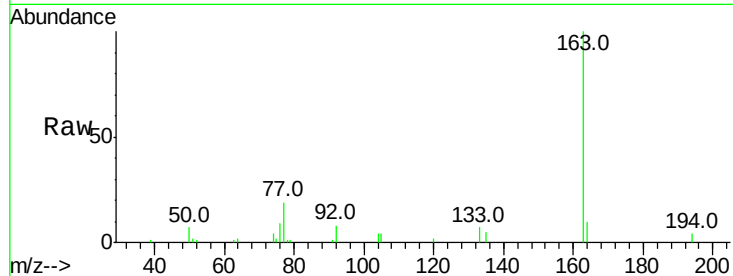
Acq: 23 Jun 2017 2:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:163	Resp:	61337
Ion Ratio	Lower	Upper
163	100	
194	4.4	2.6 4.0#
164	10.2	8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.54 ng

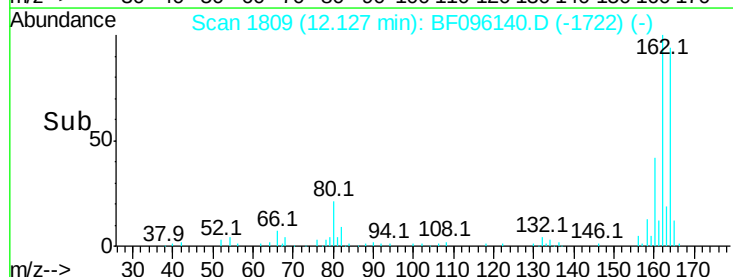
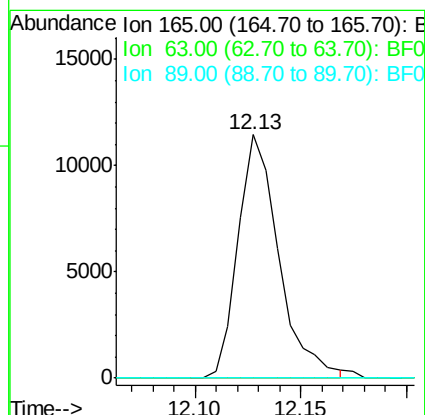
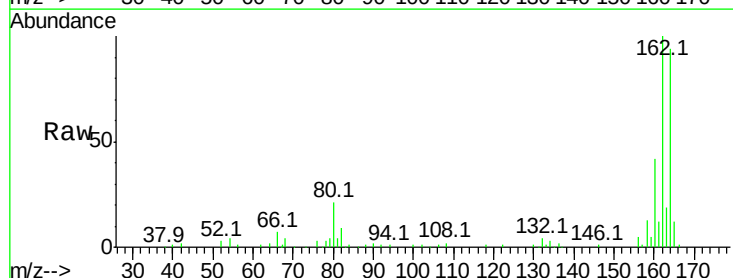
RT: 12.13 min Scan# 1809

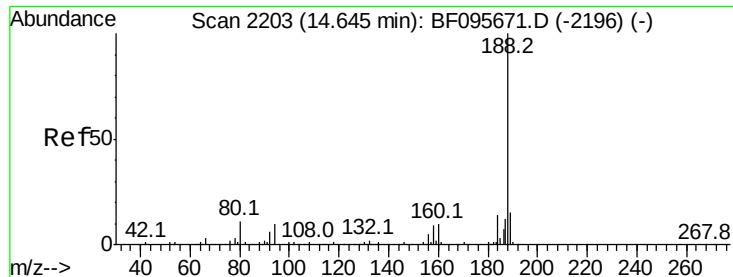
Delta R.T. 0.21 min

Lab File: BF096140.D

Acq: 23 Jun 2017 2:09

Tgt Ion:165	Resp:	15375
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.3 51.5#
89	0.0	37.1 55.7#

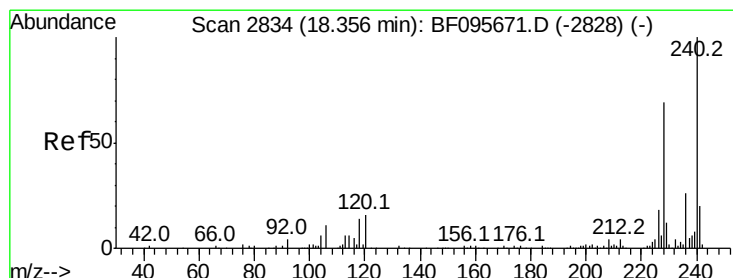
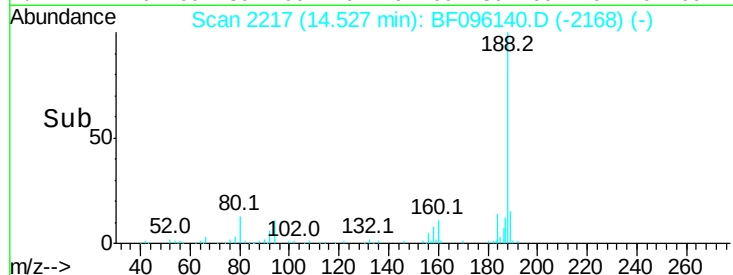
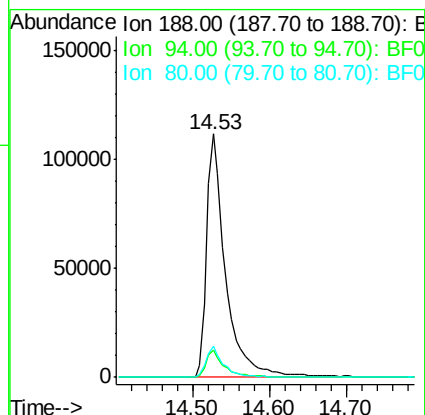
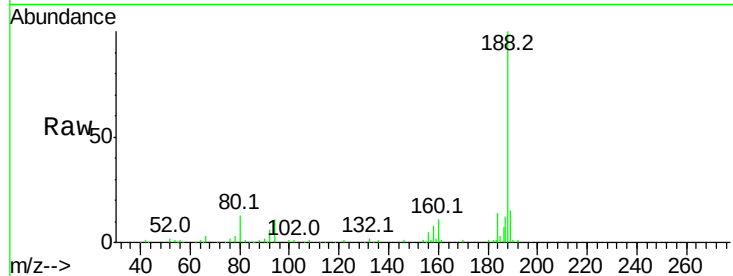




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

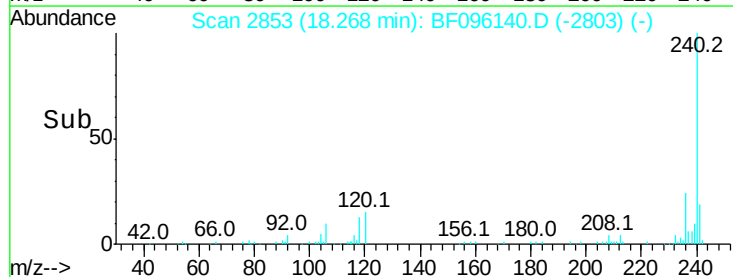
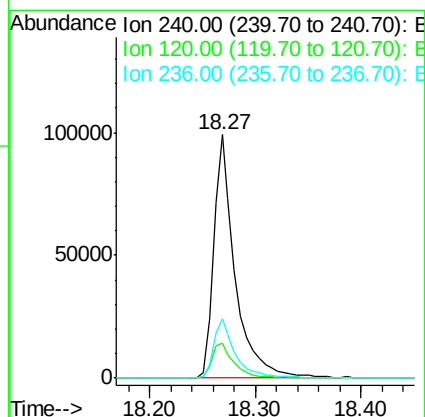
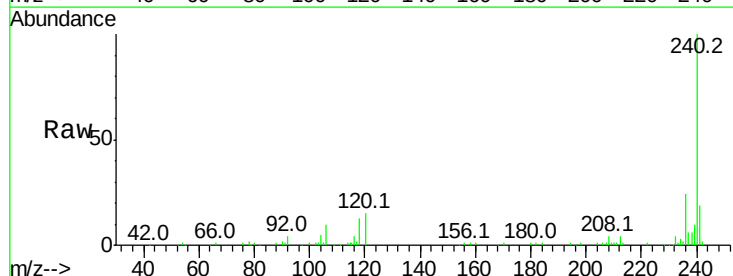
Instrument :
BNA_F
ClientSampled :

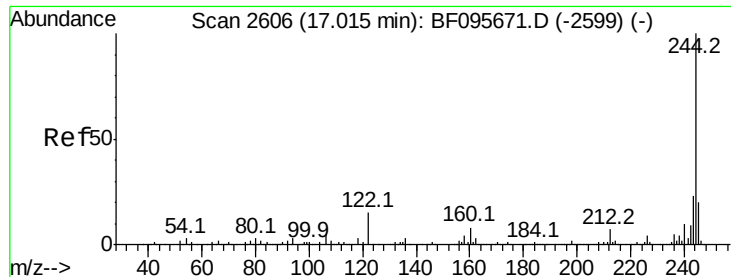
Tot Ion:188 Resp: 191171
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.27 min Scan# 2853
Delta R.T. -0.01 min
Lab File: BF096140.D
Acq: 23 Jun 2017 2:09

Tgt Ion:240 Resp: 140263
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 24.4 20.5 30.7

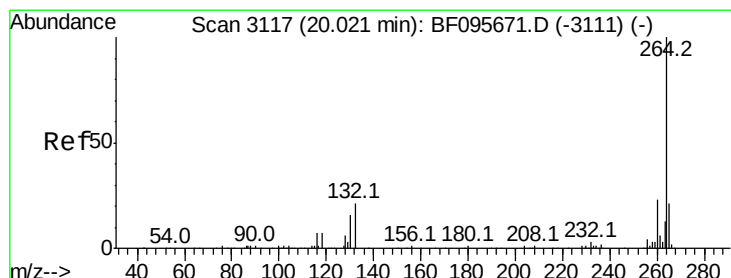
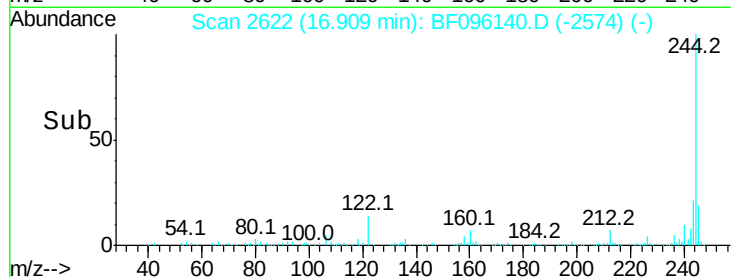
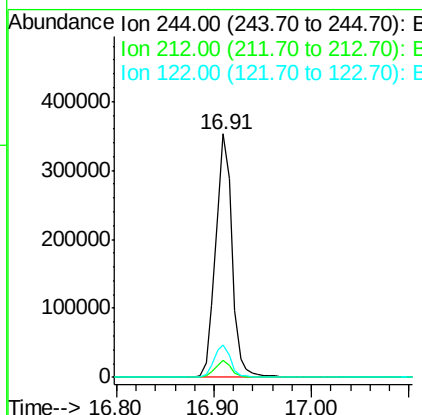
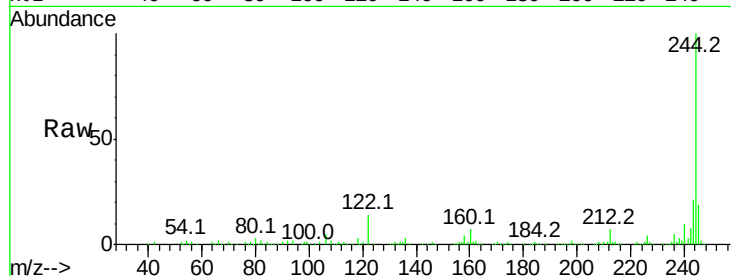




#78
 Terphenyl-d14
 Concen: 72.97 ng
 RT: 16.91 min Scan# 2622
 Delta R.T. -0.02 min
 Lab File: BF096140.D
 Acq: 23 Jun 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 412386
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 13.6 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: BF096140.D
 Acq: 23 Jun 2017 2:09

Tgt Ion:264 Resp: 121127
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 19.9 17.2 25.8

