

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071717\
 Data File : BF096817.D
 Acq On : 17 Jul 2017 14:14
 Operator : SJ/JU
 Sample : I4030-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D1

Quant Time: Jul 17 16:36:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

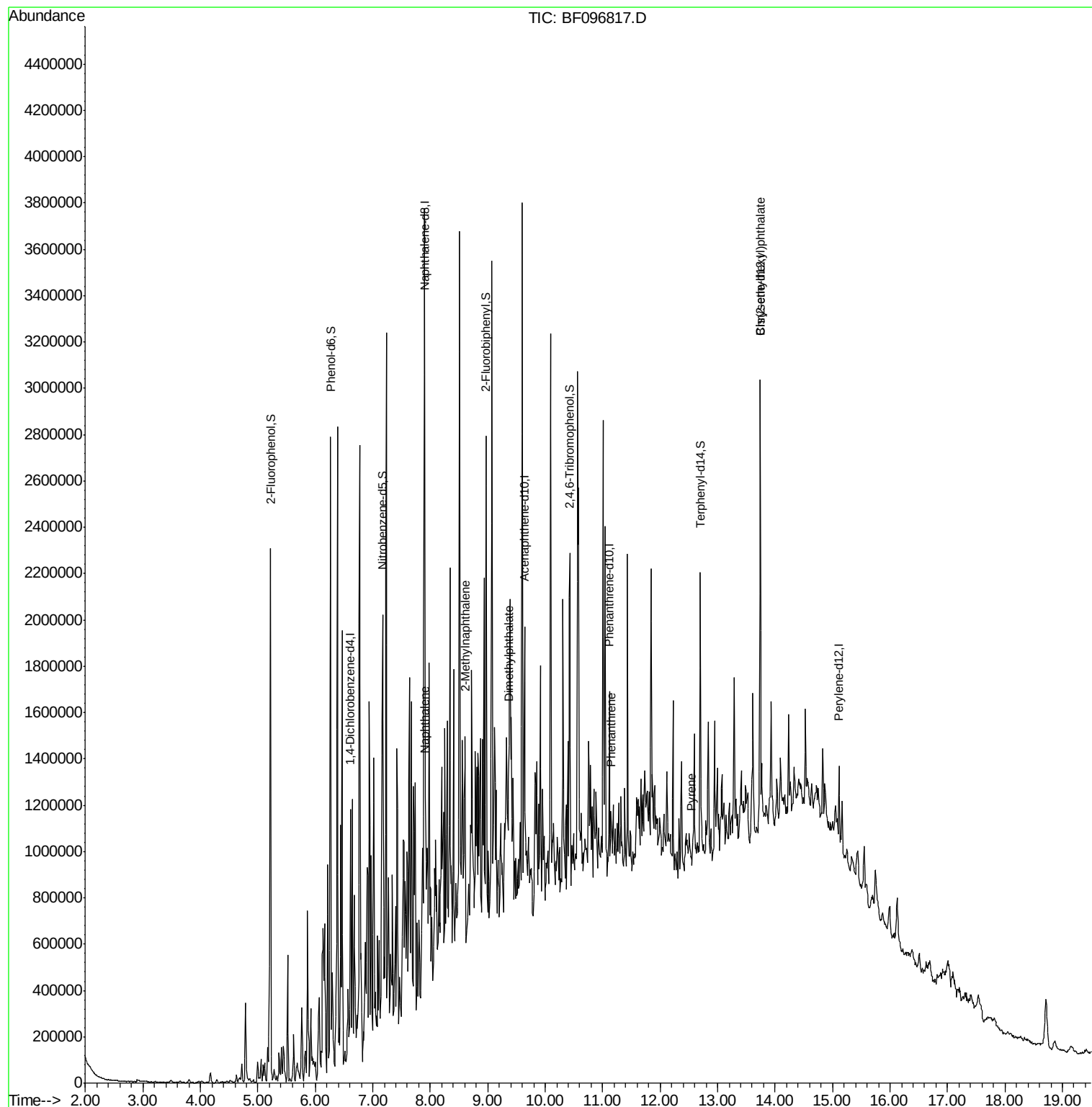
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	115857	20.00	ng	-0.02
21) Naphthalene-d8	7.89	136	353318	20.00	ng	-0.03
38) Acenaphthene-d10	9.64	164	171498	20.00	ng	-0.03
63) Phenanthrene-d10	11.12	188	277847	20.00	ng	-0.03
75) Chrysene-d12	13.74	240	140123	20.00	ng	-0.04
86) Perylene-d12	15.12	264	172790	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	715679	92.88	ng	-0.01
7) Phenol-d6	6.26	99	960679	103.89	ng	-0.02
23) Nitrobenzene-d5	7.17	82	536709	94.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.43	330	146452	100.04	ng	-0.03
44) 2-Fluorobiphenyl	8.97	172	758845	69.91	ng	-0.03
78) Terphenyl-d14	12.70	244	406014	50.25	ng	-0.04
Target Compounds						
31) Naphthalene	7.92	128	103273	6.170	ng	# 93
37) 2-Methylnaphthalene	8.60	142	92987	8.714	ng	# 99
49) Dimethylphthalate	9.36	163	123943	9.598	ng	# 97
70) Phenanthrene	11.14	178	54543	3.610	ng	# 92
77) Pyrene	12.54	202	25957	2.041	ng	# 96
83) Bis(2-ethylhexyl)phthalate	13.74	149	707400	96.136	ng	# 99

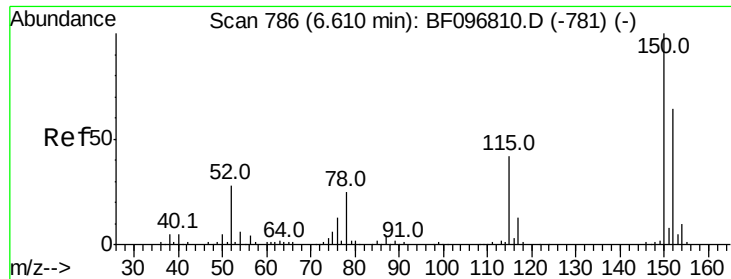
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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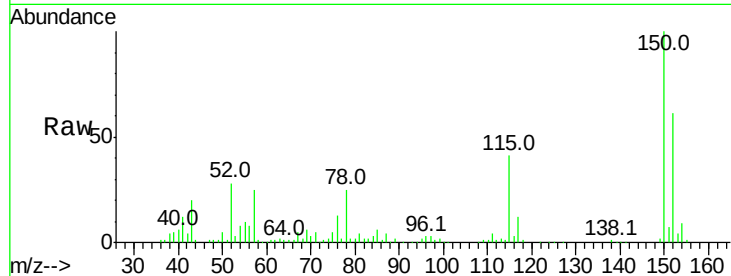


#1

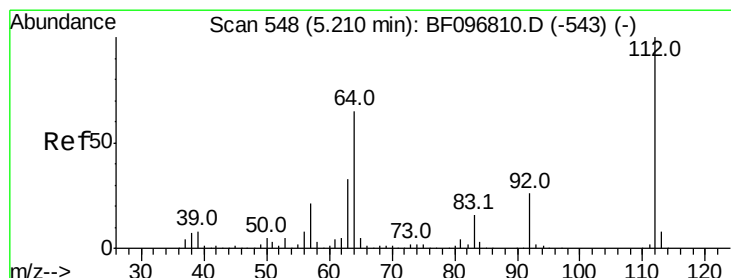
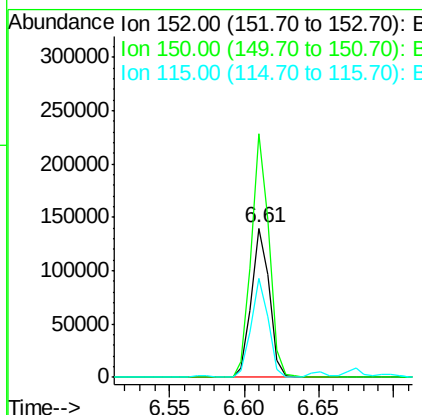
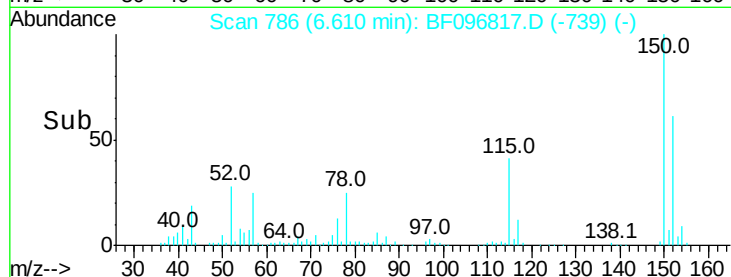
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.61 min Scan# 786
 Delta R.T. -0.02 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 D1

Tot Ion:152 Resp: 115857
 Ion Ratio Lower Upper
 152 100
 150 163.2 126.2 189.2
 115 66.7 52.2 78.2



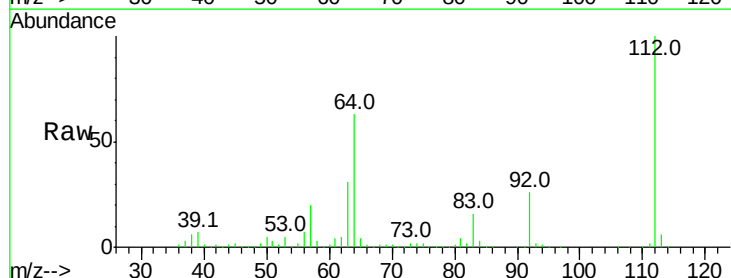
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



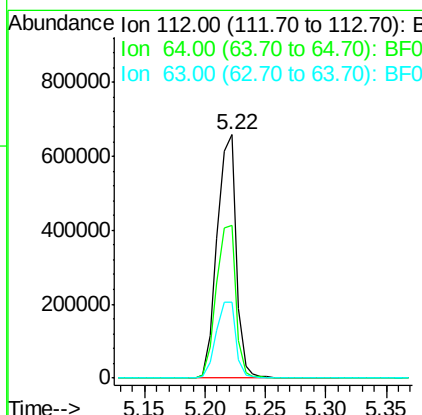
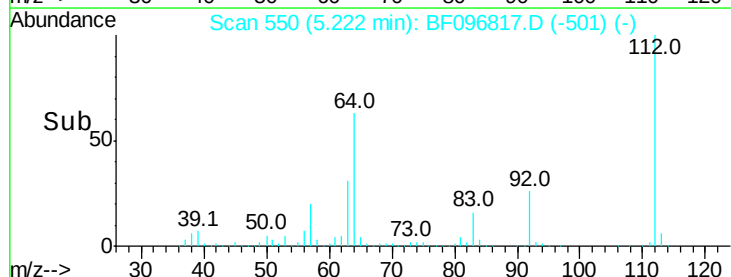
#5

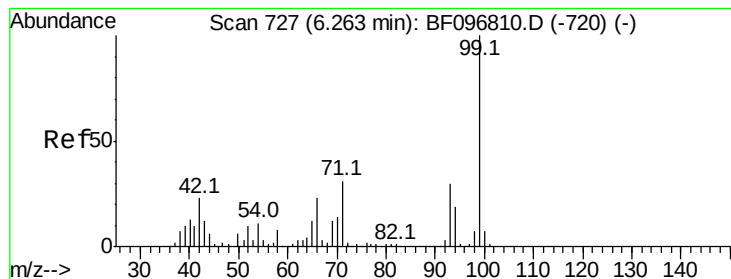
2-Fluorophenol
 Concen: 92.880 ng
 RT: 5.22 min Scan# 550
 Delta R.T. -0.01 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Tgt Ion:112 Resp: 715679
 Ion Ratio Lower Upper
 112 100
 64 62.6 46.0 69.0
 63 31.3 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: 103.894 ng

RT: 6.26 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

Instrument :

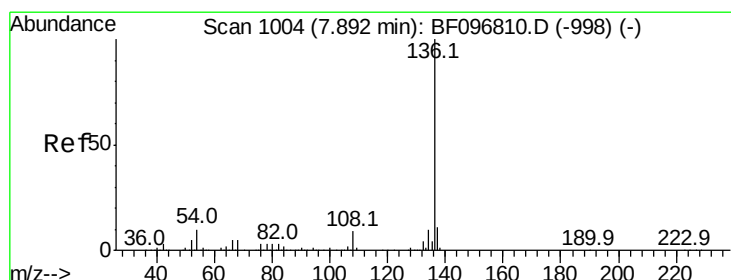
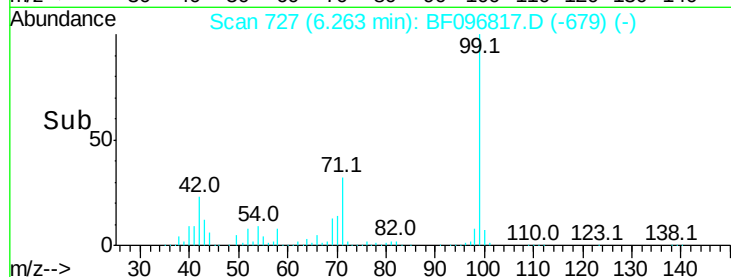
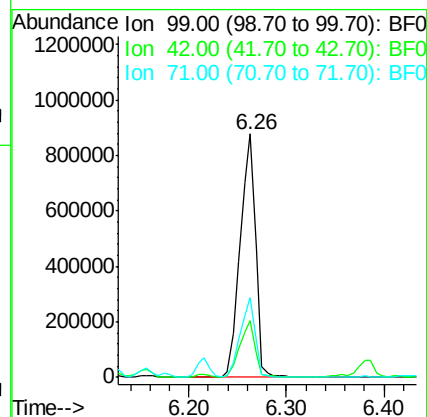
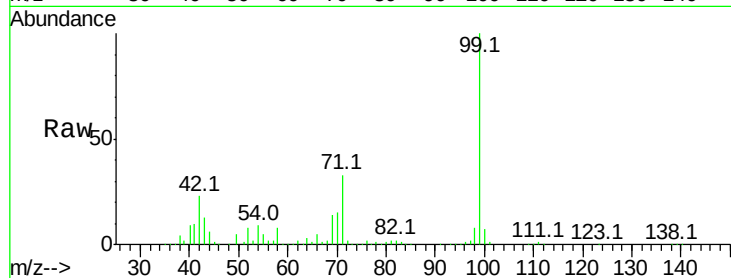
BNA_F

ClientSampleId :

D1

Tot Ion: 99 Resp: 960679

Ion	Ratio	Lower	Upper
99	100		
42	23.1	13.5	20.3#
71	32.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1004

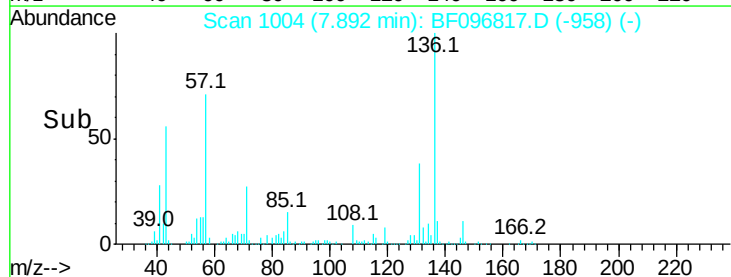
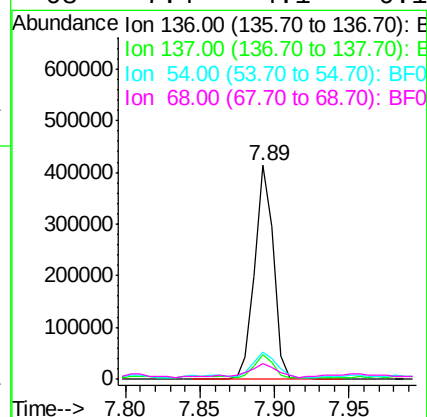
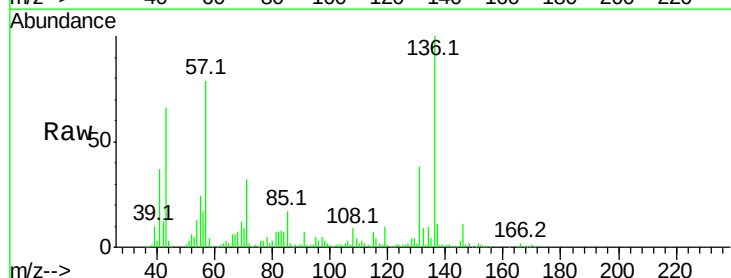
Delta R.T. -0.03 min

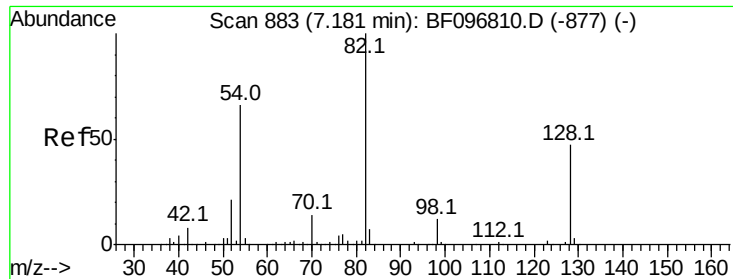
Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

Tgt Ion: 136 Resp: 353318

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.5	12.7
54	12.9	4.9	7.3#
68	7.4	4.1	6.1#

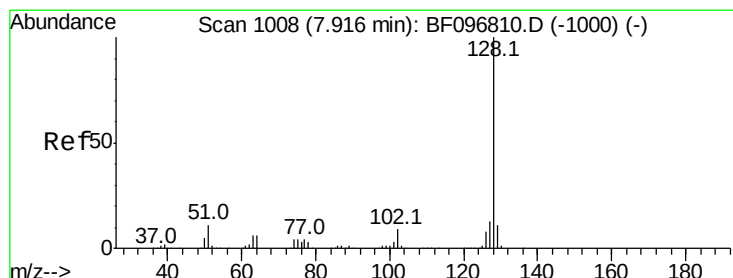
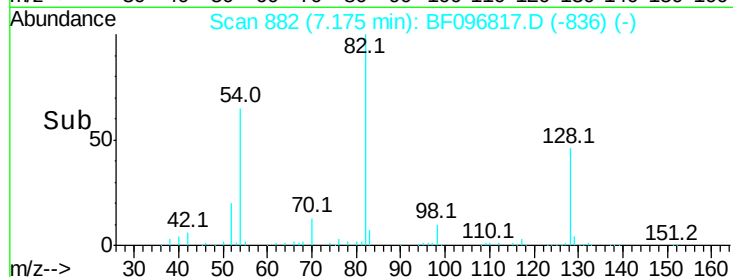
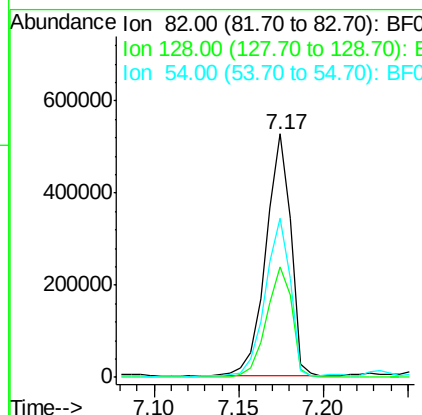
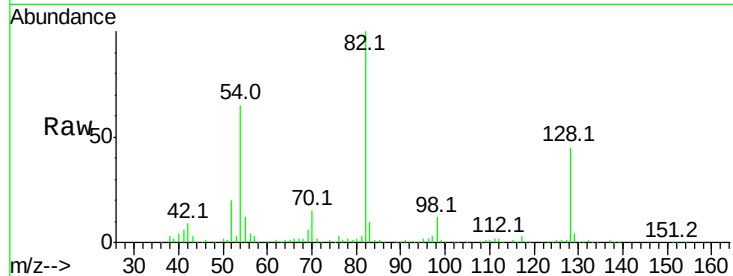




#23
 Nitrobenzene-d5
 Concen: 94.091 ng
 RT: 7.17 min Scan# 882
 Delta R.T. -0.03 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

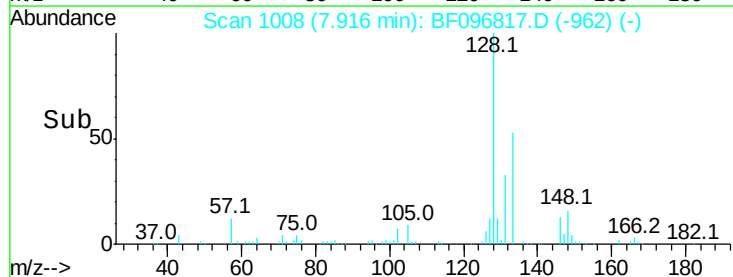
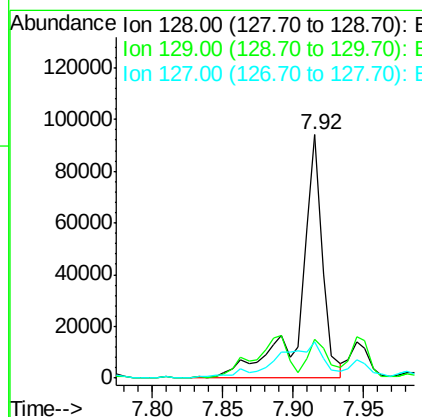
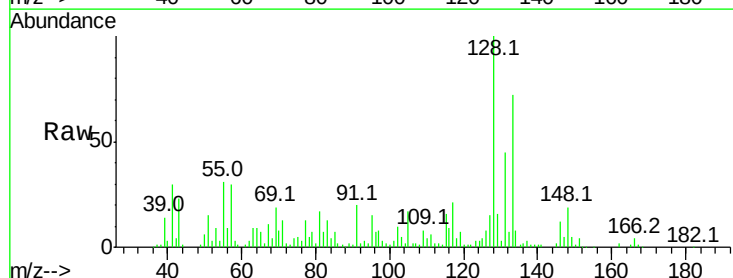
Instrument :
 BNA_F
 ClientSampleId :
 D1

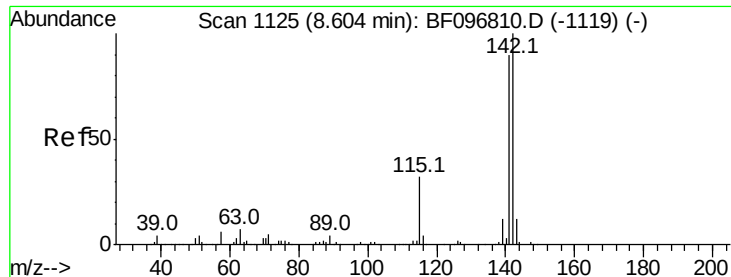
Tot Ion: 82 Resp: 536709
 Ion Ratio Lower Upper
 82 100
 128 45.3 34.0 51.0
 54 65.3 42.2 63.2#



#31
 Naphthalene
 Concen: 6.170 ng
 RT: 7.92 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Tgt Ion: 128 Resp: 103273
 Ion Ratio Lower Upper
 128 100
 129 15.8 9.0 13.6#
 127 14.8 10.8 16.2

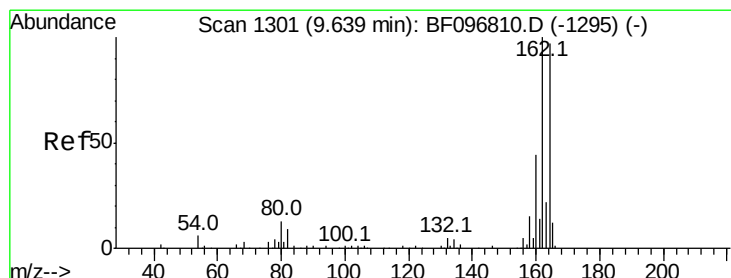
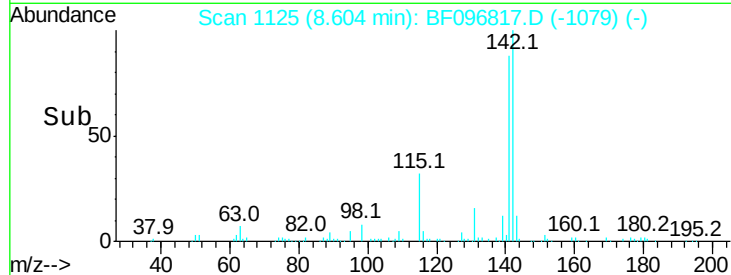
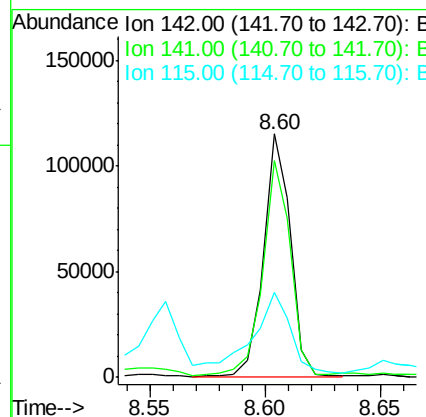
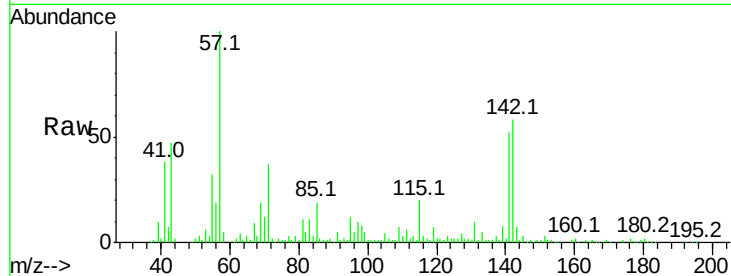




#37
 2-Methylnaphthalene
 Concen: 8.714 ng
 RT: 8.60 min Scan# 1125
 Delta R.T. -0.03 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

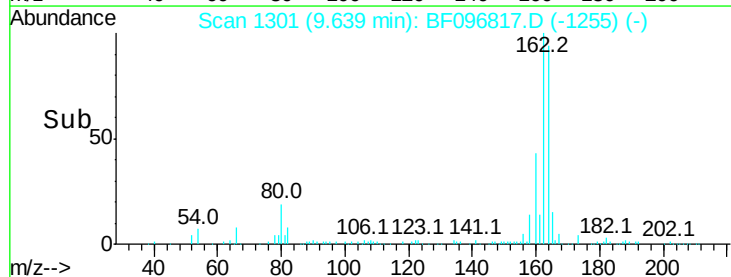
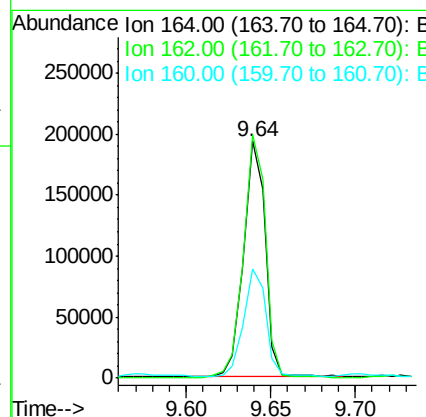
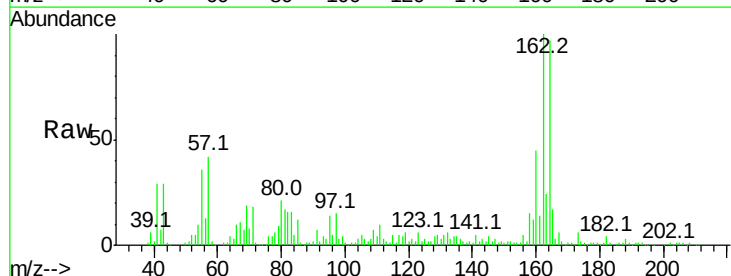
Instrument :
 BNA_F
 ClientSampleId :
 D1

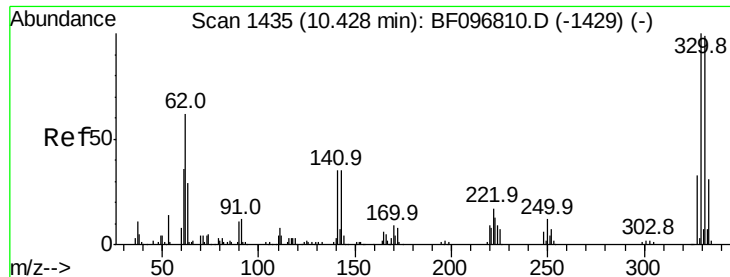
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.3	106.9
115	35.0	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.64 min Scan# 1301
 Delta R.T. -0.03 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	46.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 100.044 ng

RT: 10.43 min Scan# 1435

Delta R.T. -0.03 min

Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

Instrument :

BNA_F

ClientSampled :

D1

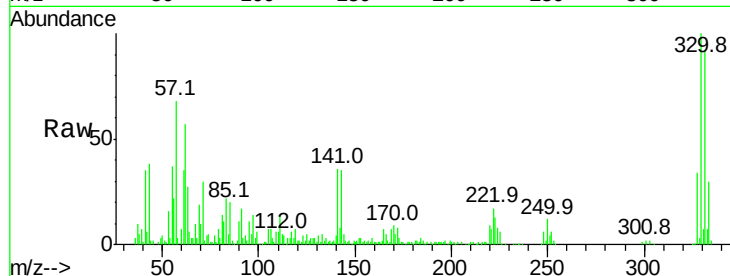
Tot Ion:330 Resp: 146452

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

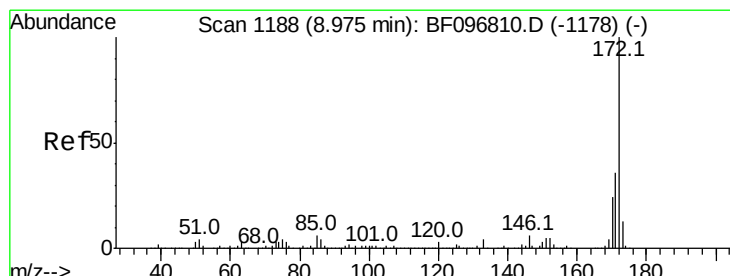
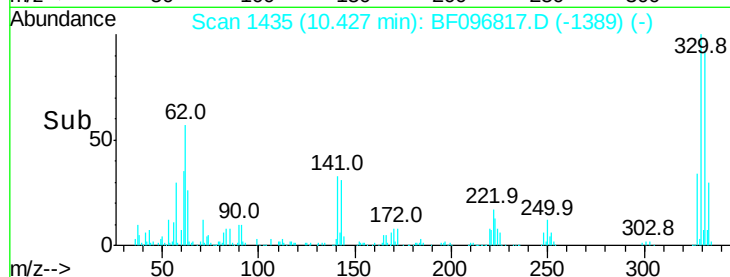
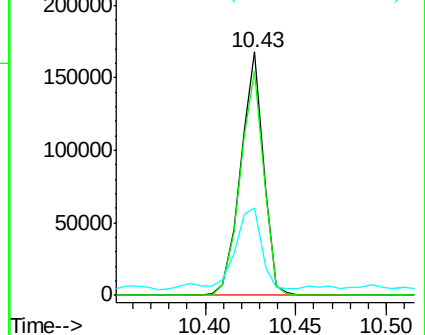
141 36.8 31.4 47.2



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: 69.908 ng

RT: 8.97 min Scan# 1187

Delta R.T. -0.03 min

Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

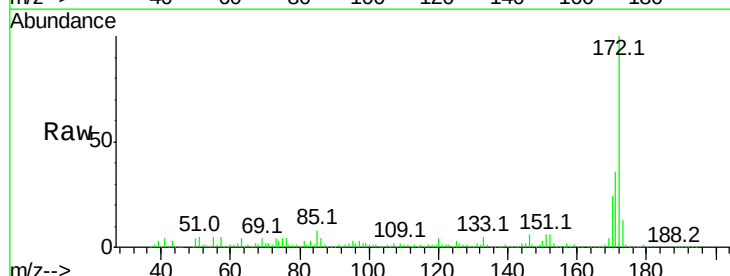
Tgt Ion:172 Resp: 758845

Ion Ratio Lower Upper

172 100

171 36.2 29.6 44.4

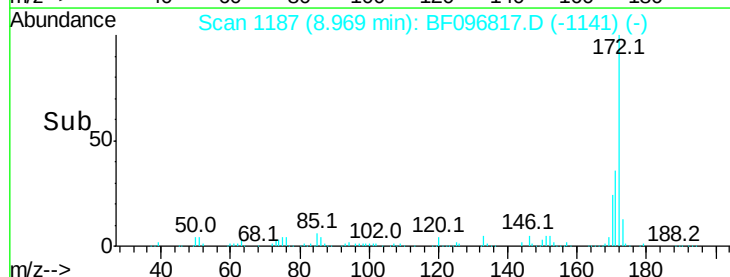
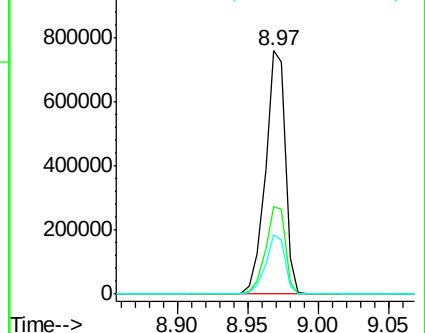
170 24.4 19.8 29.8

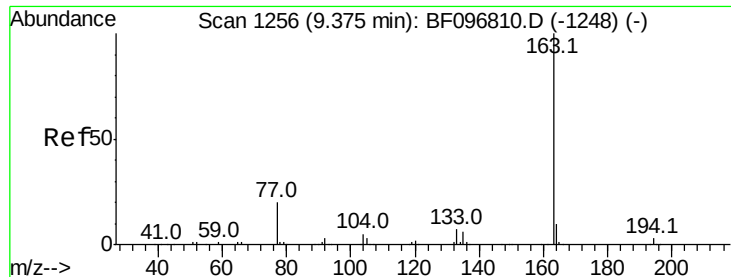


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

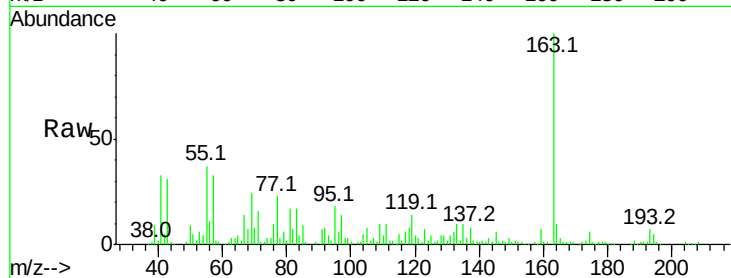




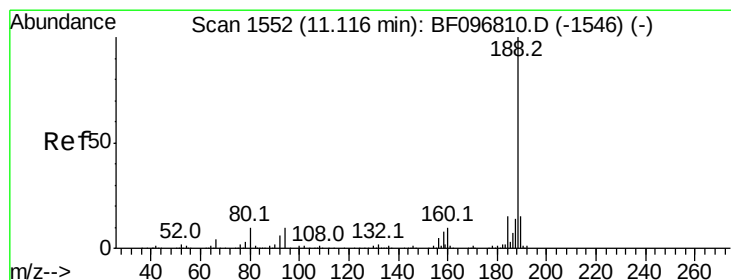
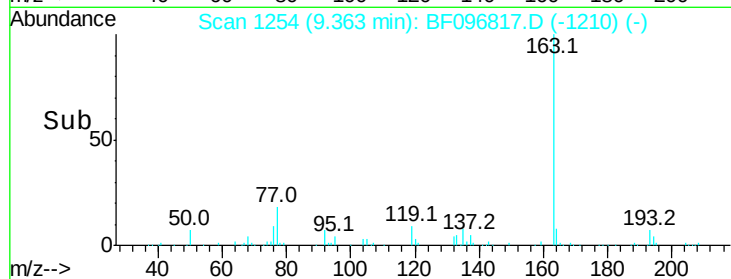
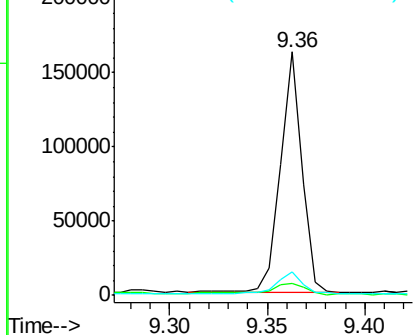
#49
Dimethylphthalate
Concen: 9.598 ng
RT: 9.36 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BF096817.D
Acq: 17 Jul 2017 14:14

Instrument :
BNA_F
ClientSampleId :
D1

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	2.6	4.0#
164	9.8	8.4	12.6

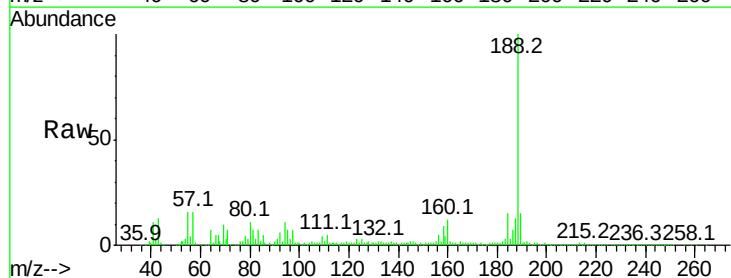


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

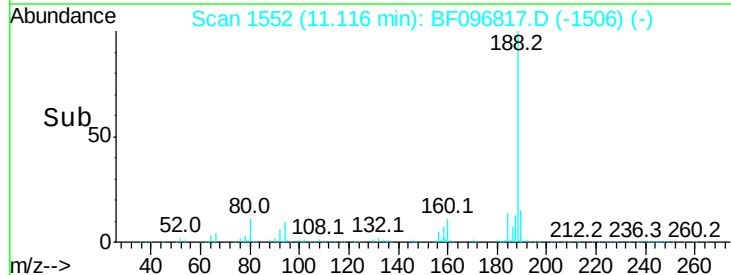
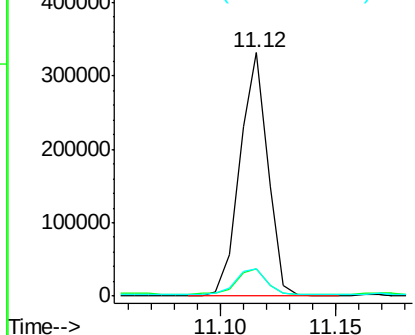


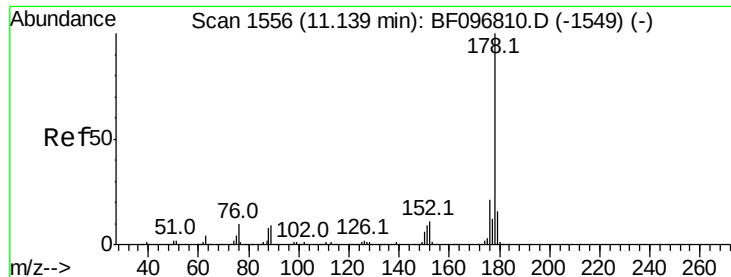
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1552
Delta R.T. -0.03 min
Lab File: BF096817.D
Acq: 17 Jul 2017 14:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	9.4	14.2
80	11.4	10.2	15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.610 ng

RT: 11.14 min Scan# 1556

Delta R.T. -0.04 min

Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

Instrument :

BNA_F

ClientSampleId :

D1

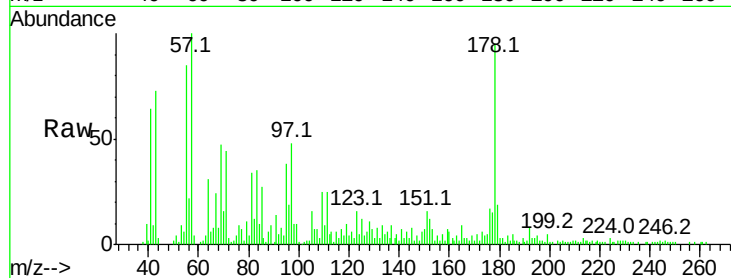
Tot Ion:178 Resp: 54543

Ion Ratio Lower Upper

178 100

176 17.9 16.2 24.4

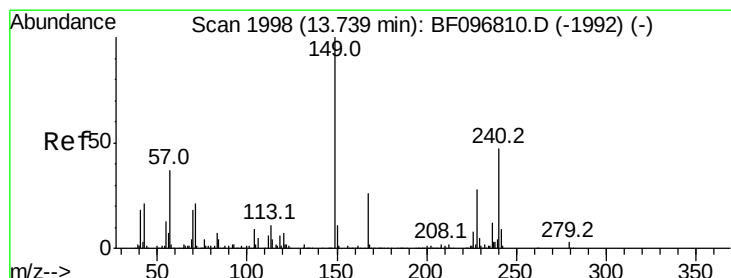
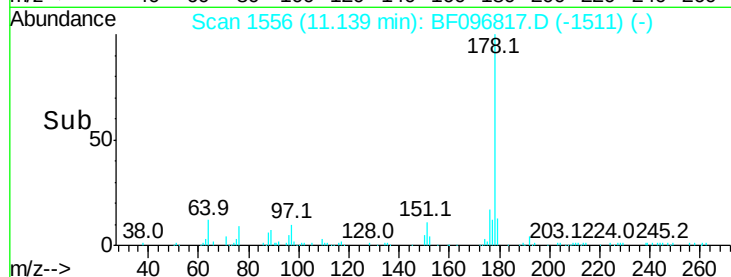
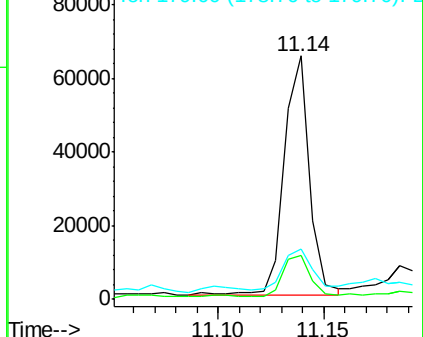
179 20.4 12.6 19.0#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.74 min Scan# 1998

Delta R.T. -0.04 min

Lab File: BF096817.D

Acq: 17 Jul 2017 14:14

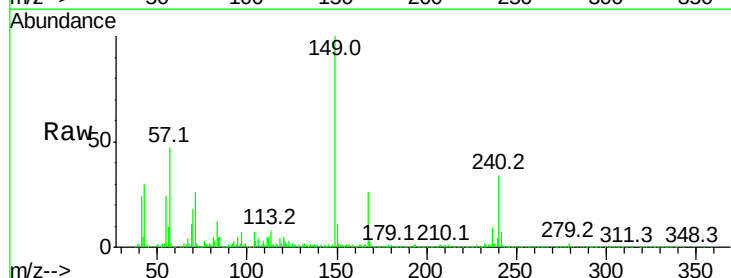
Tgt Ion:240 Resp: 140123

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

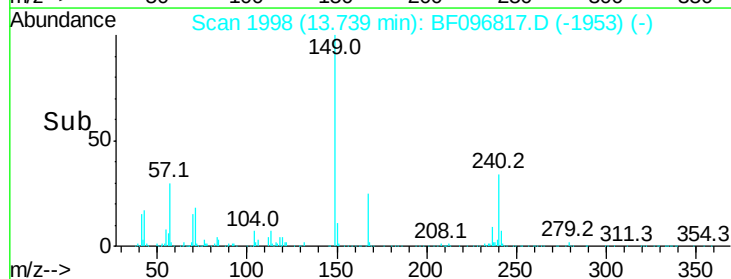
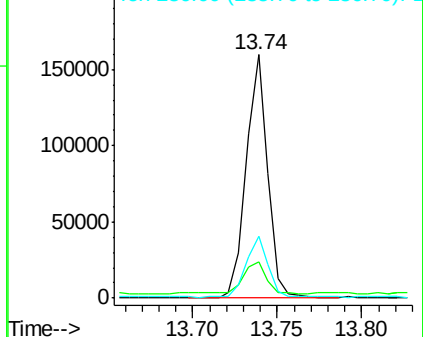
236 25.5 20.5 30.7

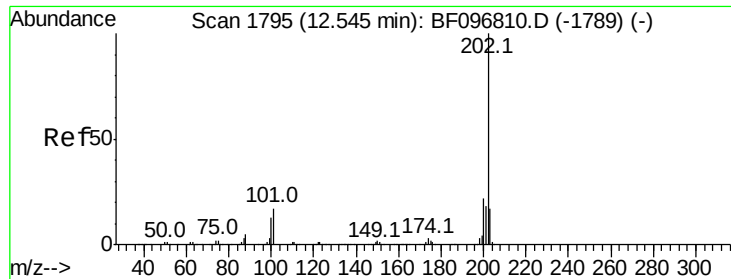


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

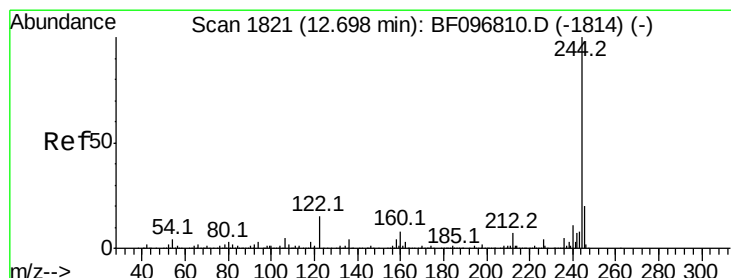
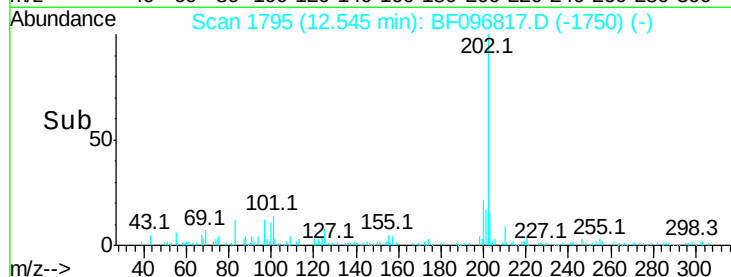
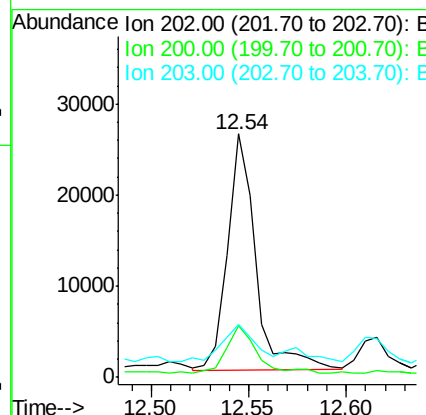
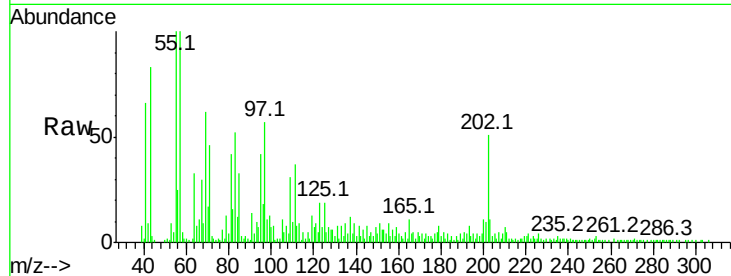




#77
Pvrene
Concen: 2.041 ng
RT: 12.54 min Scan# 1795
Delta R.T. -0.04 min
Lab File: BF096817.D
Acq: 17 Jul 2017 14:14

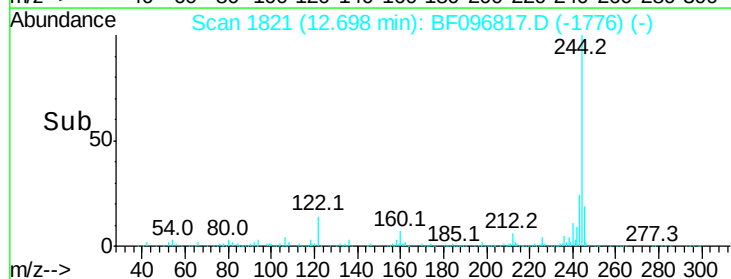
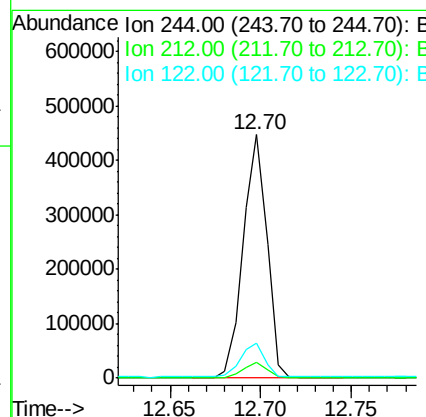
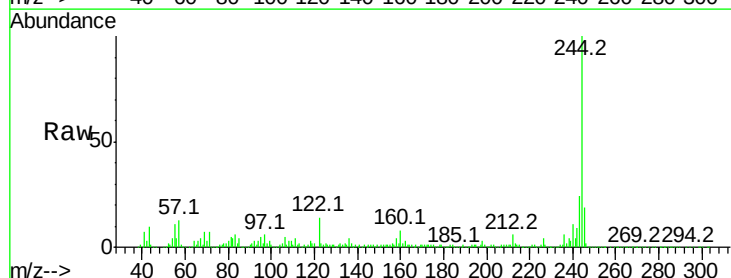
Instrument :
BNA_F
ClientSampleId :
D1

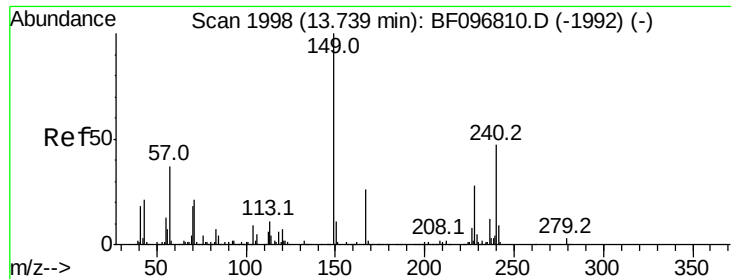
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.6	26.4
203	21.5	14.4	21.6



#78
Terphenyl-d14
Concen: 50.251 ng
RT: 12.70 min Scan# 1821
Delta R.T. -0.04 min
Lab File: BF096817.D
Acq: 17 Jul 2017 14:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	6.0	9.0
122	14.3	10.3	15.5

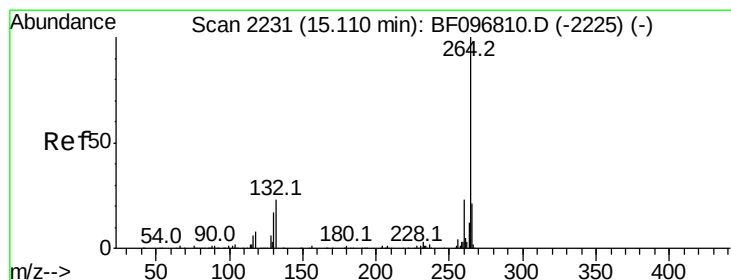
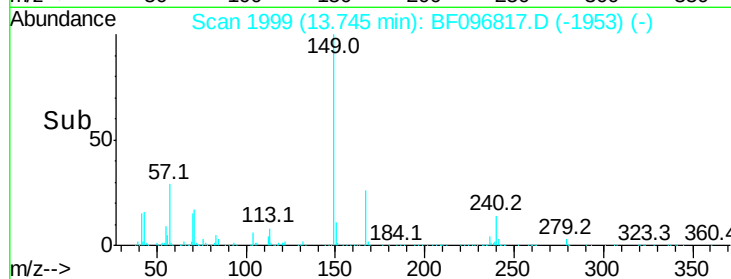
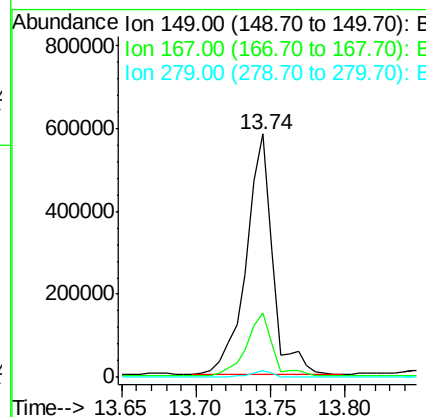
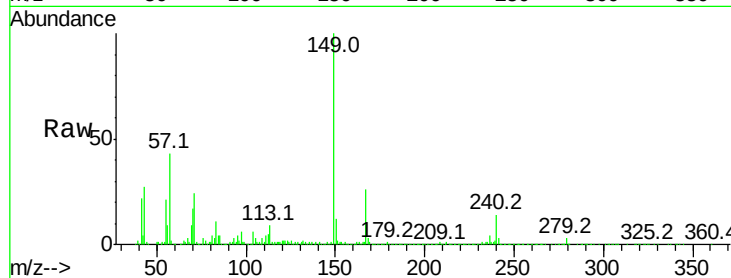




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 96.136 ng
 RT: 13.74 min Scan# 1999
 Delta R.T. -0.03 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Instrument :
 BNA_F
 ClientSampleId :
 D1

Tot Ion:149 Resp: 707400
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.4
 279 2.8 1.9 2.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.12 min Scan# 2232
 Delta R.T. -0.04 min
 Lab File: BF096817.D
 Acq: 17 Jul 2017 14:14

Tgt Ion:264 Resp: 172790
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.3 17.2 25.8

