

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041017\
 Data File : BF094325.D
 Acq On : 10 Apr 2017 21:39
 Operator : SJ/MA
 Sample : I2595-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 11 00:51:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

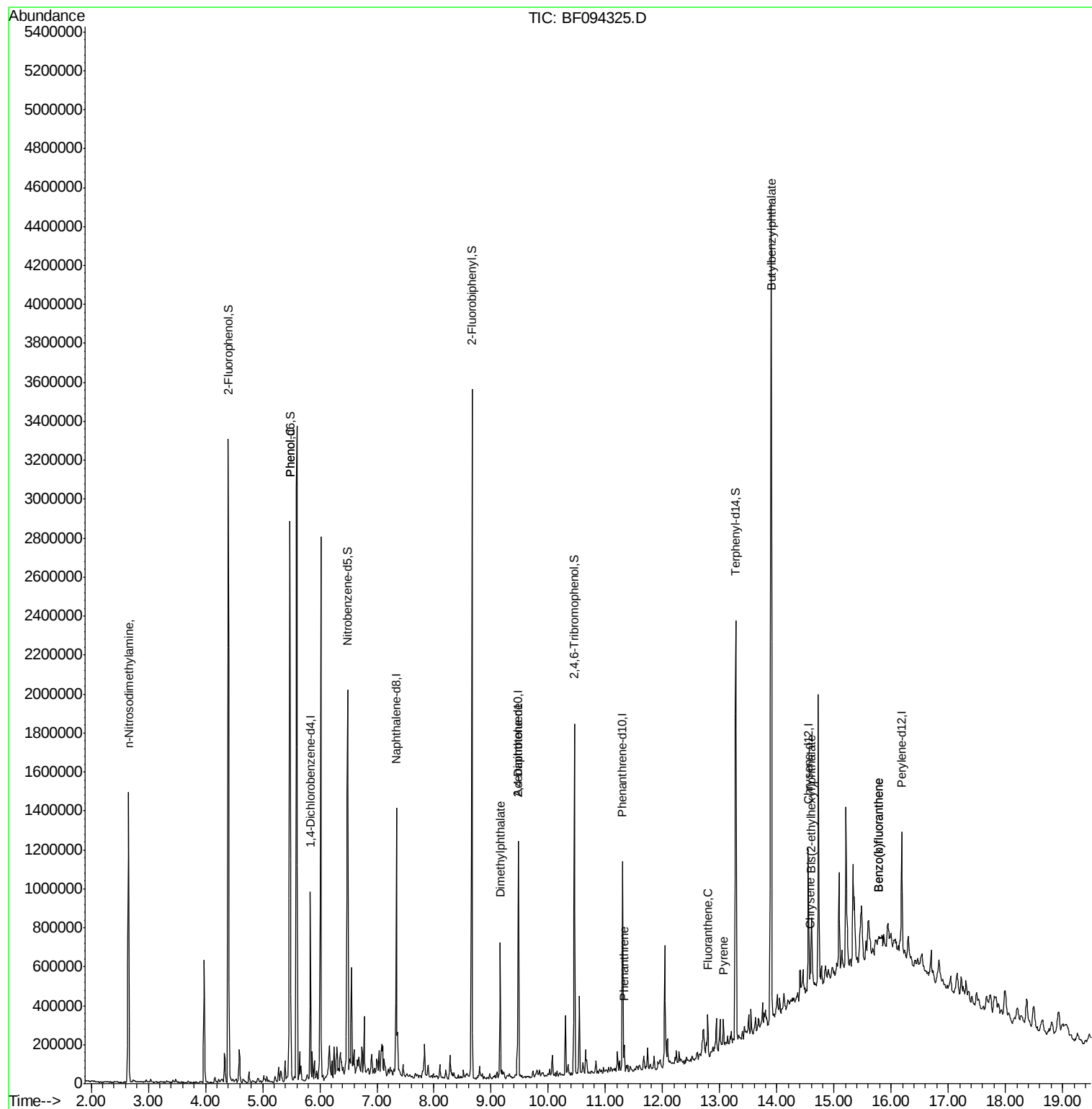
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.84	152	163698	20.00	ng	-0.02
21) Naphthalene-d8	7.34	136	643701	20.00	ng	-0.02
38) Acenaphthene-d10	9.47	164	278157	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	444395	20.00	ng	-0.02
75) Chrysene-d12	14.56	240	307136	20.00	ng	-0.02
86) Perylene-d12	16.19	264	257456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.40	112	996210	102.79	ng	0.01
7) Phenol-d6	5.48	99	1242139	103.60	ng	0.02
23) Nitrobenzene-d5	6.49	82	767781	68.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	230178	104.72	ng	-0.02
44) 2-Fluorobiphenyl	8.66	172	1255631	68.85	ng	-0.02
78) Terphenyl-d14	13.28	244	791727	57.78	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	2.65	42	43532	8.34	ng	Qvalue # 1
10) Phenol	5.49	94	105135	7.71	ng	96
49) Dimethylphthalate	9.16	163	301576	15.25	ng	99
56) 2,4-Dinitrotoluene	9.47	165	36220	6.36	ng	# 34
70) Phenanthrene	11.33	178	54423	2.20	ng	97
74) Fluoranthene	12.79	202	83566	3.30	ng	97
77) Pyrene	13.07	202	63606	2.85	ng	98
79) Butylbenzylphthalate	13.90	149	1410057	148.47	ng	# 83
82) Chrysene	14.58	228	35608	2.14	ng	97
83) Bis(2-ethylhexyl)phthalate	14.60	149	126342	9.75	ng	99
87) Benzo(b)fluoranthene	15.78	252	44595	2.83	ng	# 60
88) Benzo(k)fluoranthene	15.78	252	44595	2.89	ng	# 62

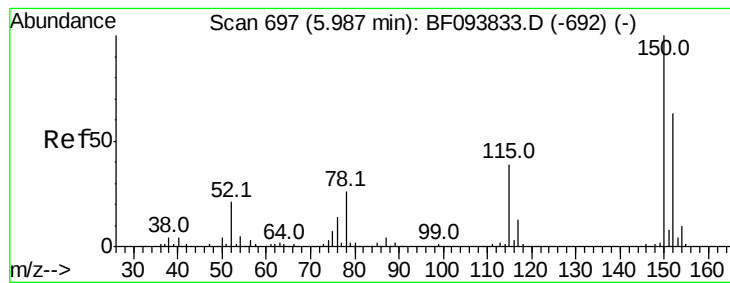
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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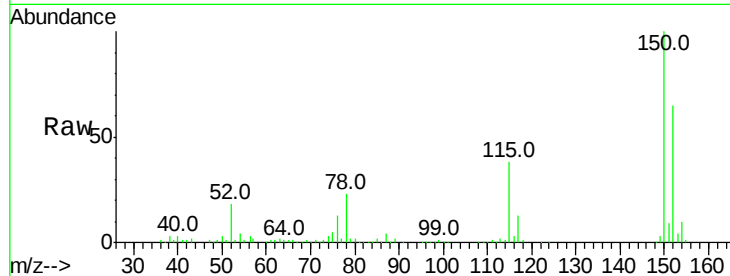


#1

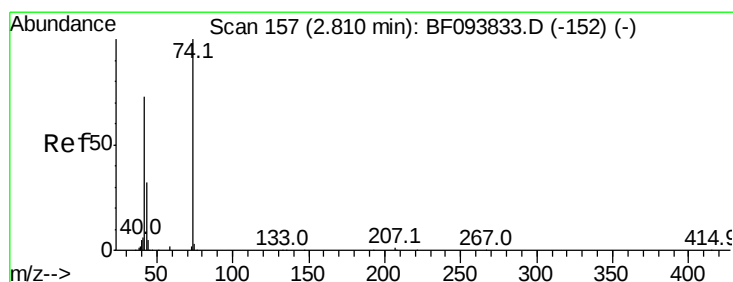
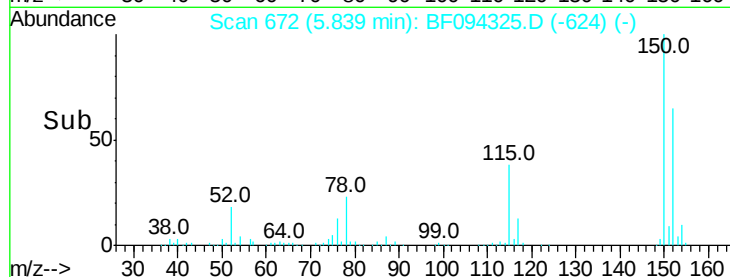
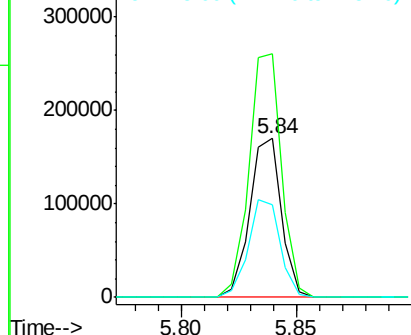
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.84 min Scan# 672
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 163698
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.2
115 58.1 52.2 78.2



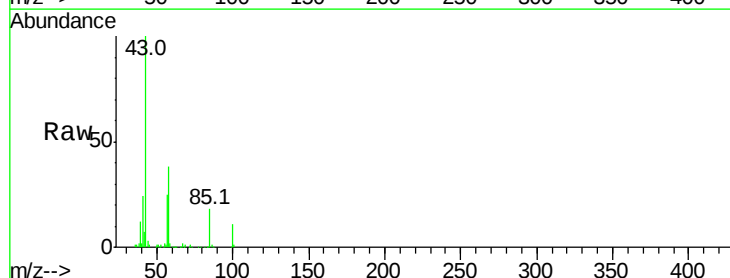
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



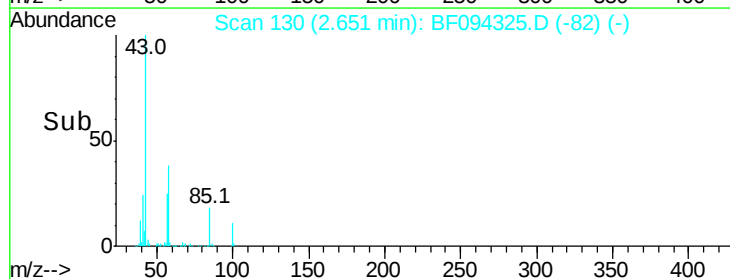
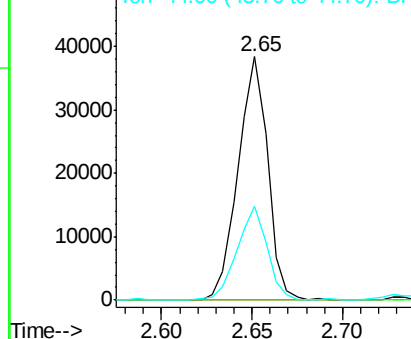
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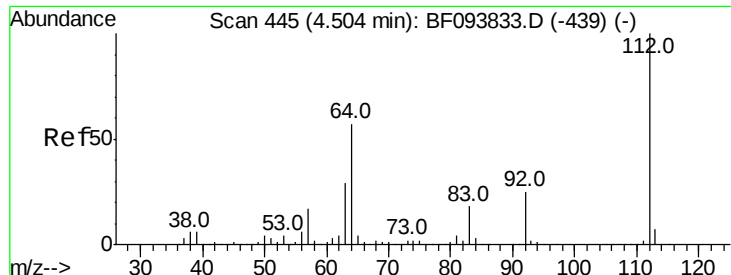
n-Nitrosodimethylamine
Concen: 8.34 ng
RT: 2.65 min Scan# 130
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion: 42 Resp: 43532
Ion Ratio Lower Upper
42 100
74 0.0 103.9 155.9#
44 38.8 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 102.79 ng

RT: 4.40 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

ClientSampleId :

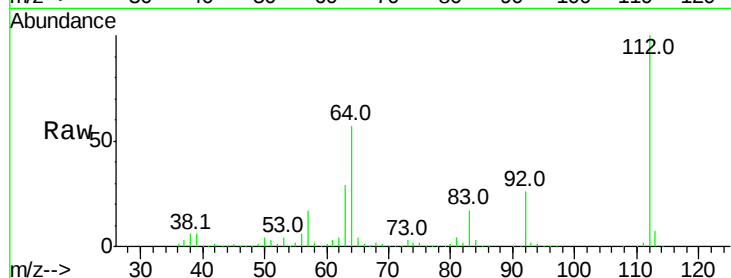
Tot Ion:112 Resp: 996210

Ion Ratio Lower Upper

112 100

64 57.0 46.0 69.0

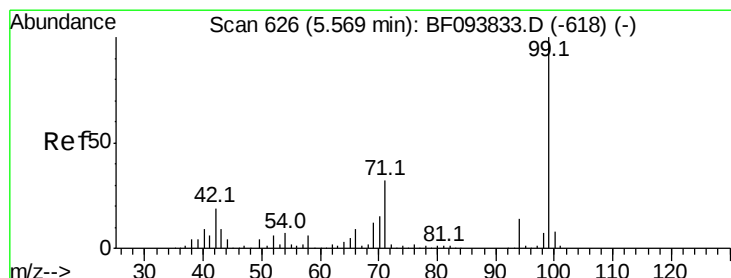
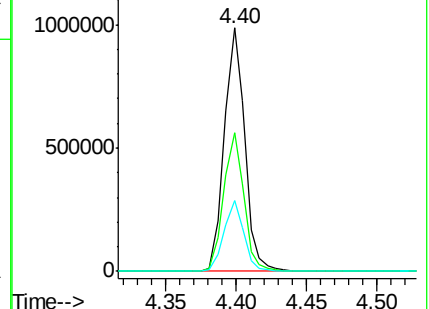
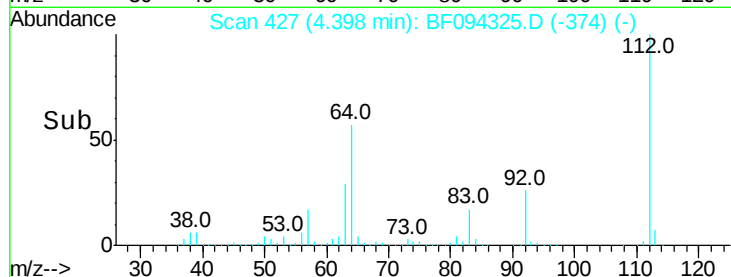
63 28.9 23.4 35.0



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: 103.60 ng

RT: 5.48 min Scan# 611

Delta R.T. 0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

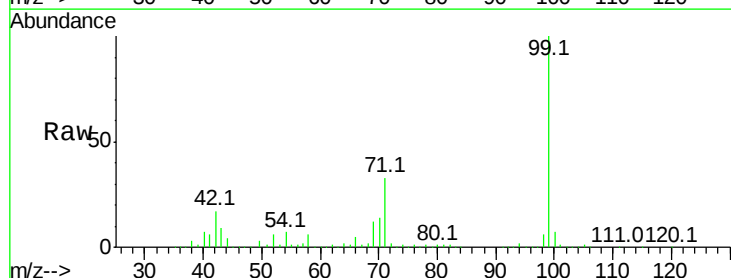
Tgt Ion: 99 Resp: 1242139

Ion Ratio Lower Upper

99 100

42 17.1 13.5 20.3

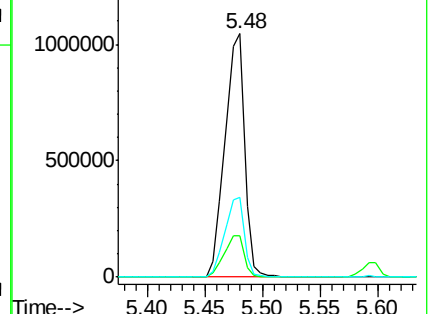
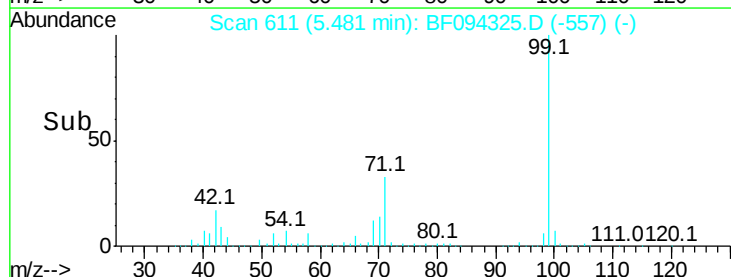
71 32.7 24.5 36.7

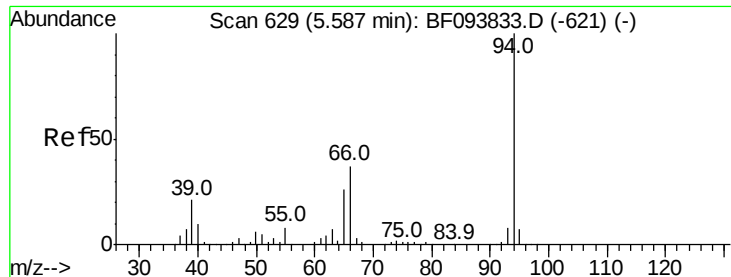


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

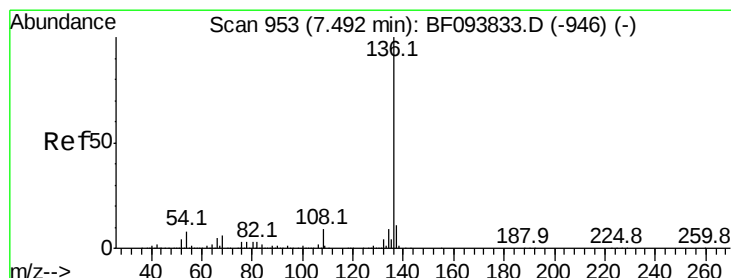
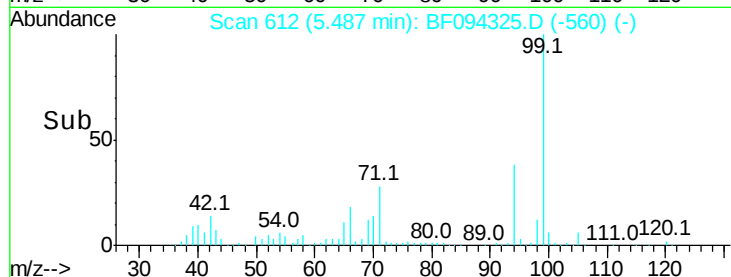
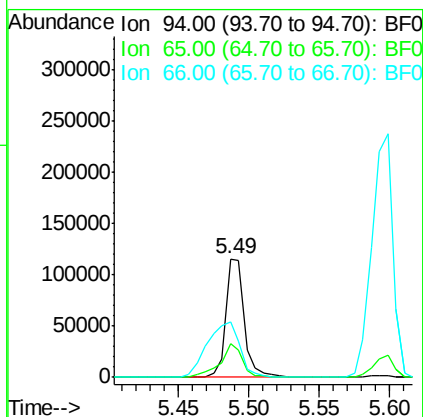
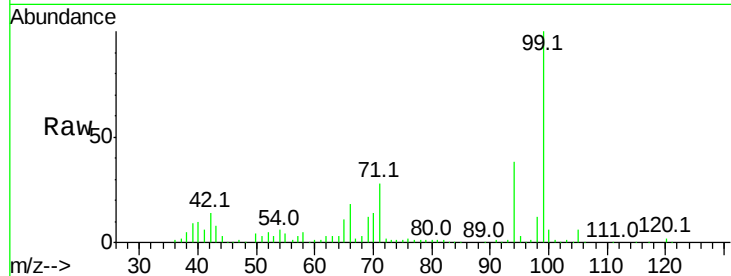




#10
Phenol
Concen: 7.71 ng
RT: 5.49 min Scan# 612
Delta R.T. 0.01 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

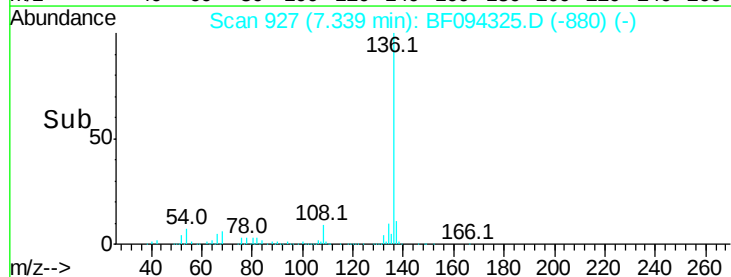
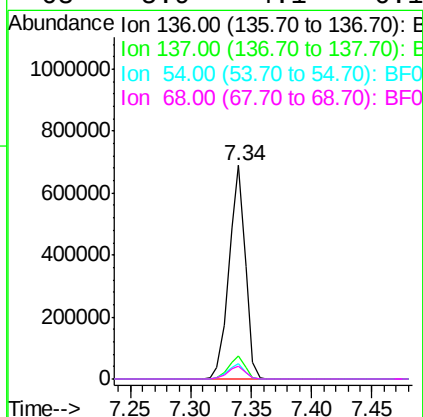
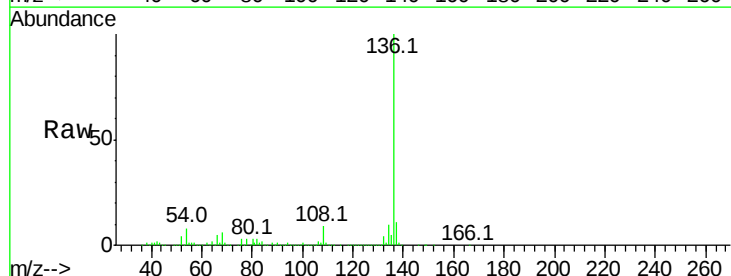
Instrument :
BNA_F
ClientSampleId :

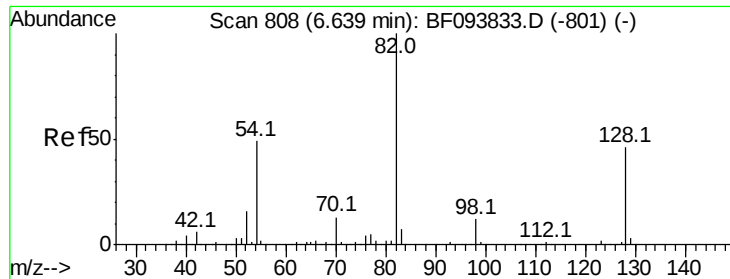
Tot Ion: 94 Resp: 105135
Ion Ratio Lower Upper
94 100
65 28.0 9.9 49.9
66 46.3 23.1 63.1



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.34 min Scan# 927
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion: 136 Resp: 643701
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.5 4.9 7.3#
68 5.9 4.1 6.1

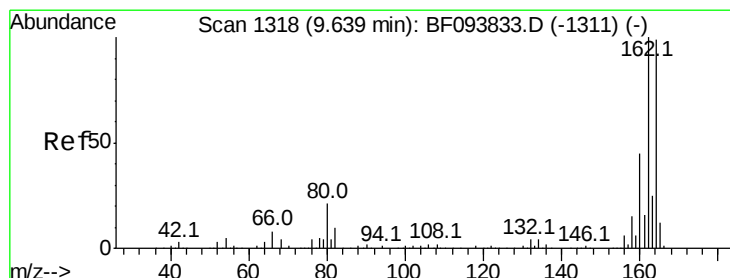
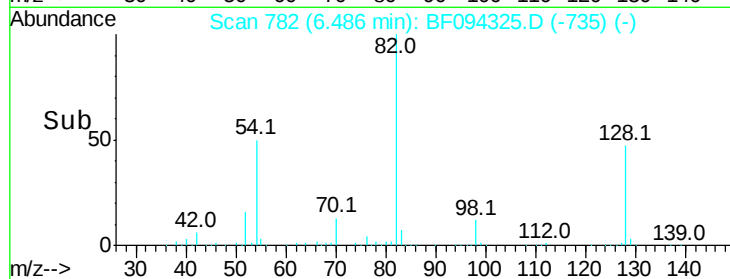
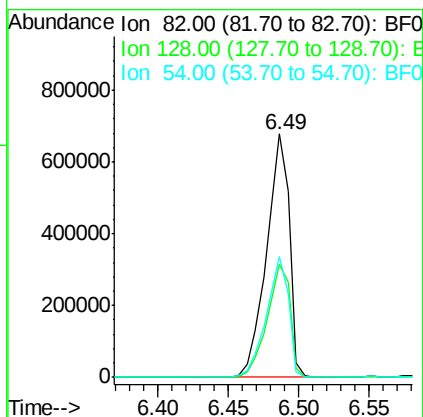
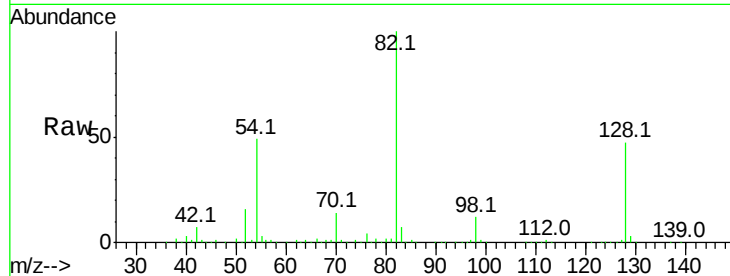




#23
 Nitrobenzene-d5
 Concen: 68.07 ng
 RT: 6.49 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

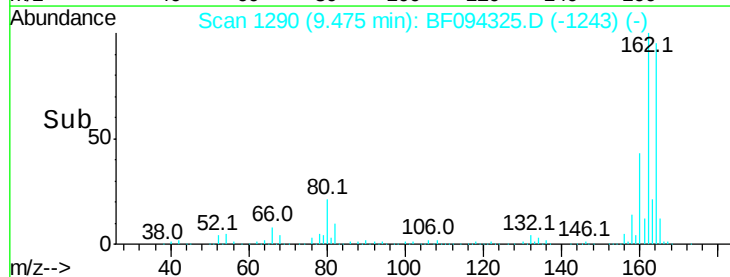
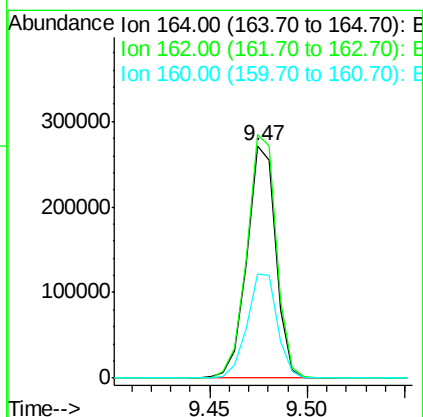
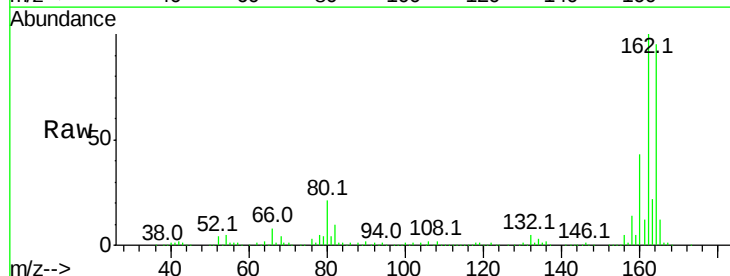
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 767781
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 49.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.02 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Tgt Ion:164 Resp: 278157
 Ion Ratio Lower Upper
 164 100
 162 104.8 82.6 123.8
 160 44.8 36.2 54.2

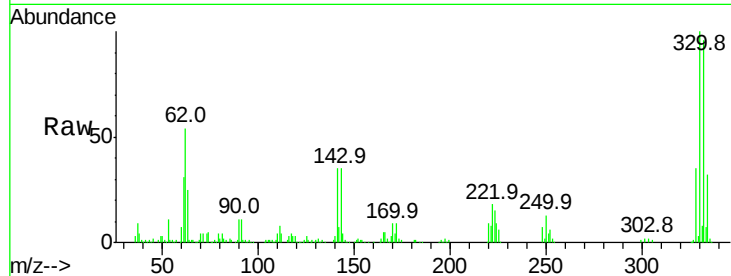




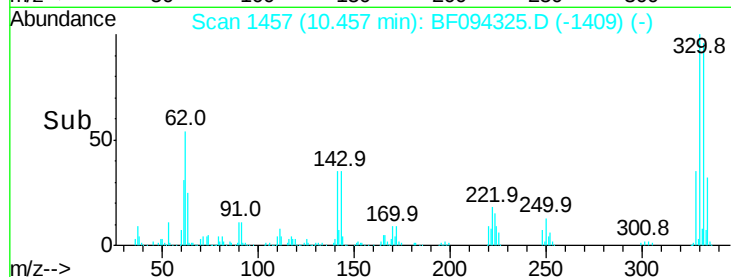
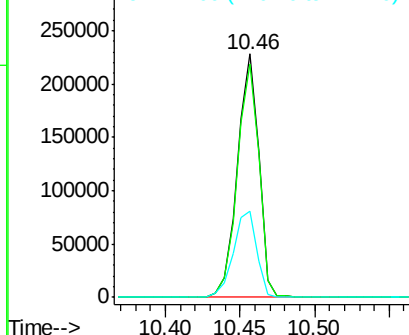
#41
 2,4,6-Tribromophenol
 Concen: 104.72 ng
 RT: 10.46 min Scan# 1457
 Delta R.T. -0.02 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	38.4	31.4	47.2

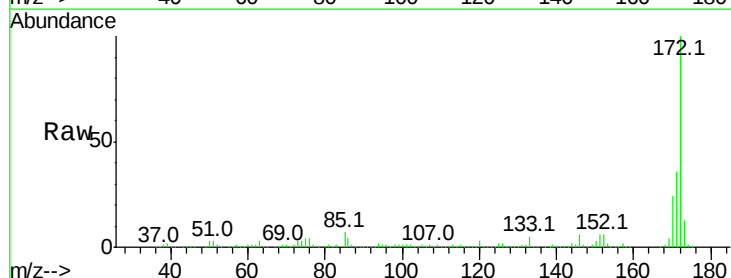


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

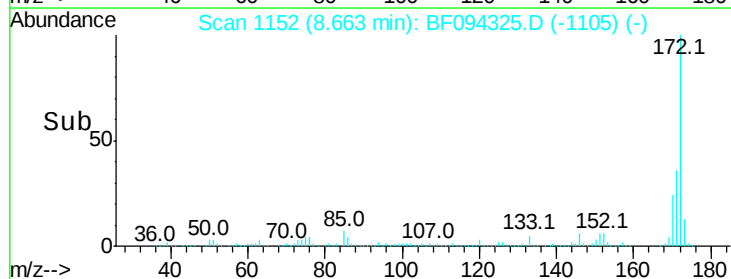
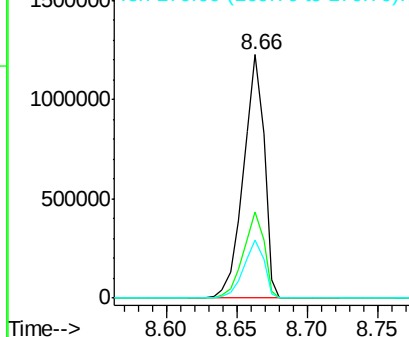


#44
 2-Fluorobiphenyl
 Concen: 68.85 ng
 RT: 8.66 min Scan# 1152
 Delta R.T. -0.02 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	24.0	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

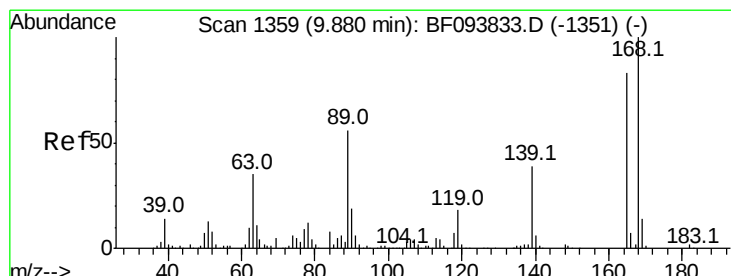
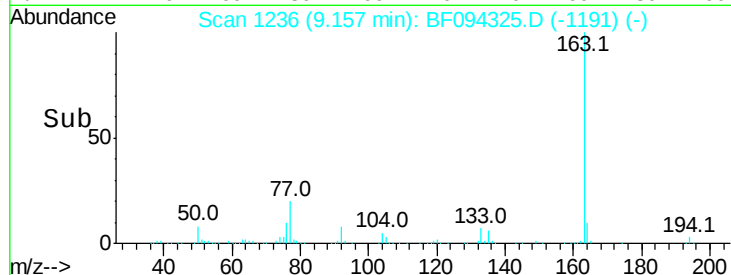
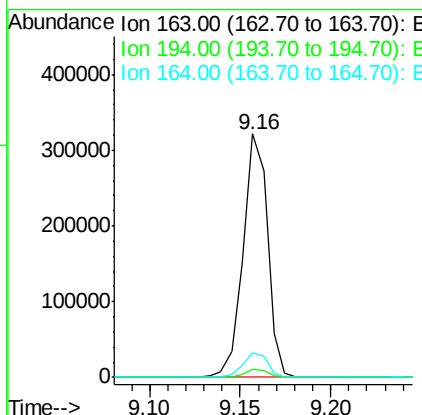
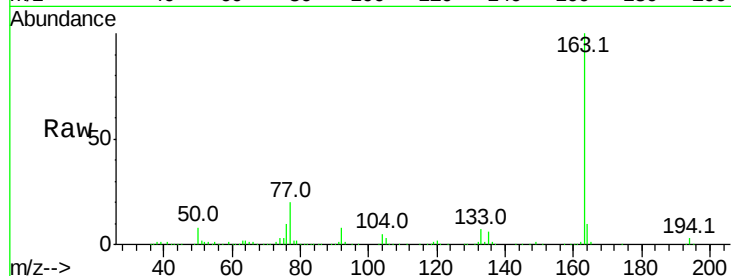




#49
 Dimethylphthalate
 Concen: 15.25 ng
 RT: 9.16 min Scan# 1236
 Delta R.T. -0.04 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

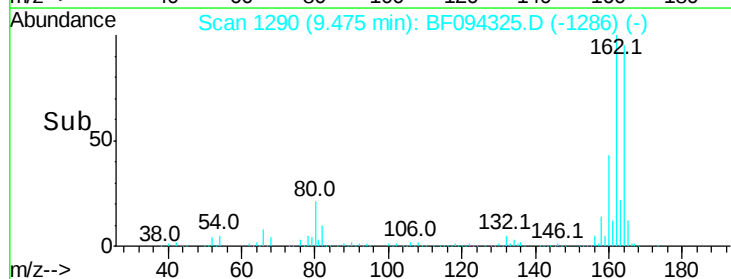
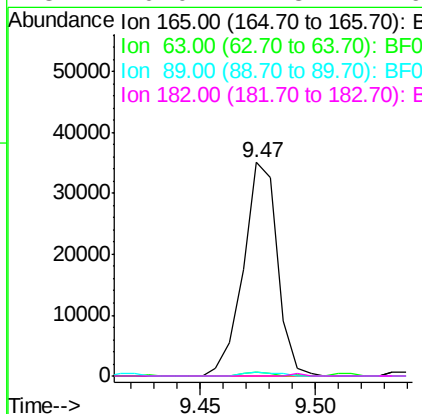
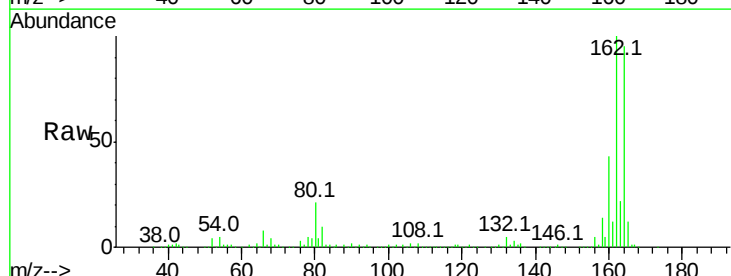
Instrument :
 BNA_F
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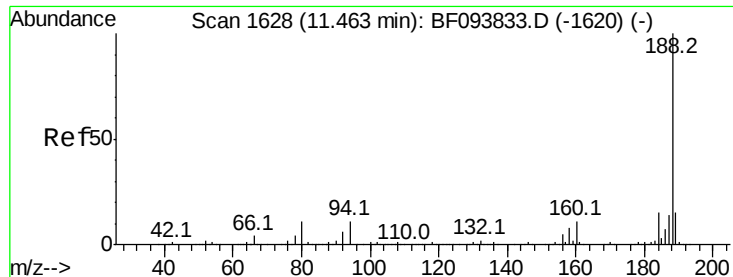
Tot Ion:163	Resp:	301576
Ion Ratio	Lower	Upper
163	100	
194	3.4	2.6 4.0
164	10.2	8.4 12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.36 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.28 min
 Lab File: BF094325.D
 Acq: 10 Apr 2017 21:39

Tgt Ion:165	Resp:	36220
Ion Ratio	Lower	Upper
165	100	
63	1.6	25.4 38.0#
89	2.0	46.4 69.6#
182	0.0	1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1600

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

ClientSampleId :

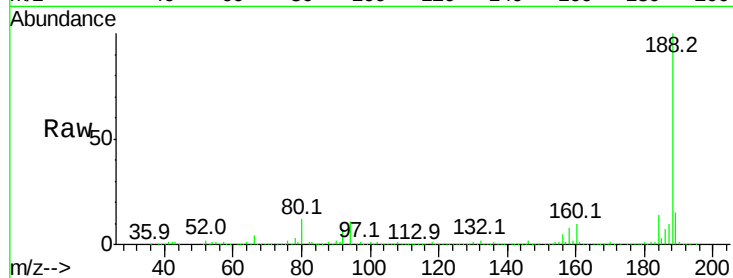
Tot Ion:188 Resp: 444395

Ion Ratio Lower Upper

188 100

94 11.4 9.4 14.2

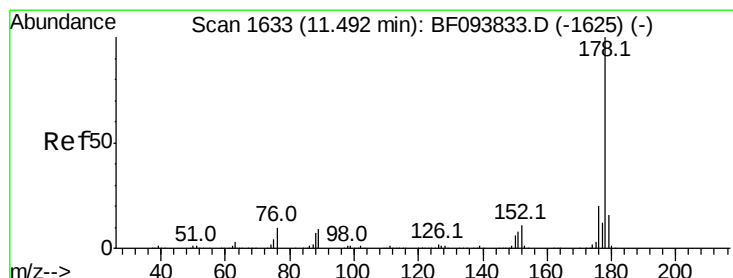
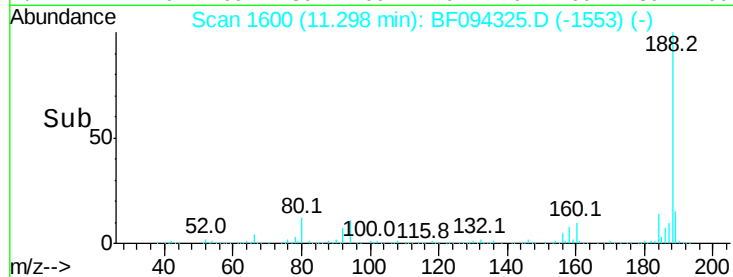
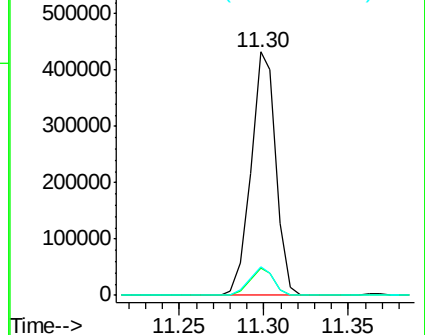
80 12.0 10.2 15.2



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: 2.20 ng

RT: 11.33 min Scan# 1605

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

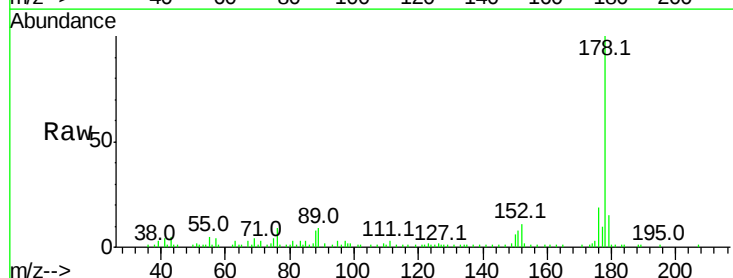
Tgt Ion:178 Resp: 54423

Ion Ratio Lower Upper

178 100

176 18.5 16.2 24.4

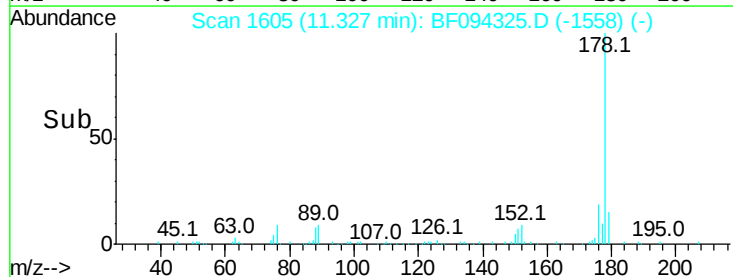
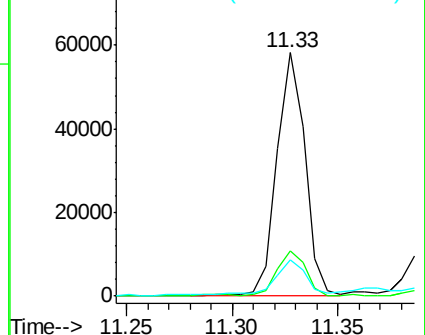
179 14.8 12.6 19.0

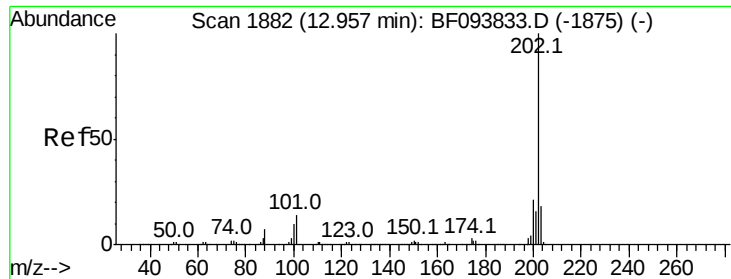


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

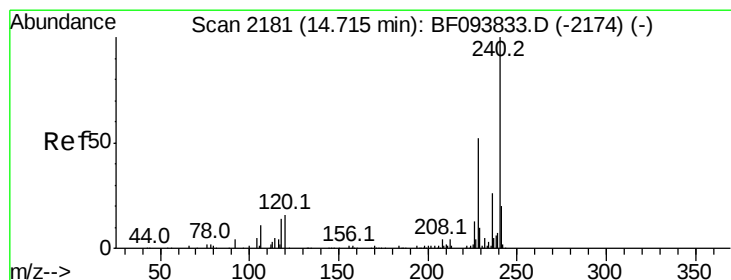
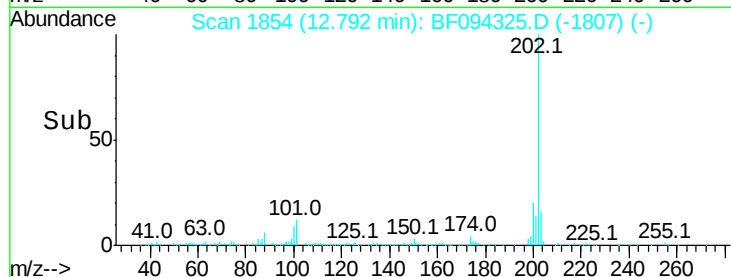
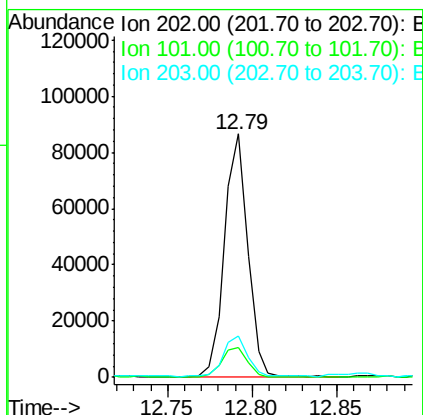
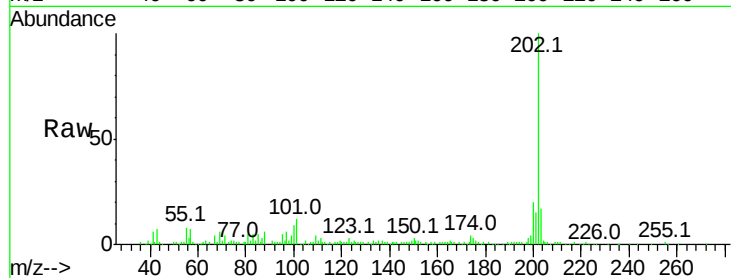




#74
Fluoranthene
Concen: 3.30 ng
RT: 12.79 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

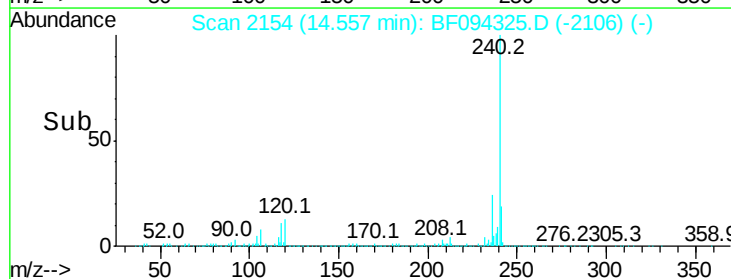
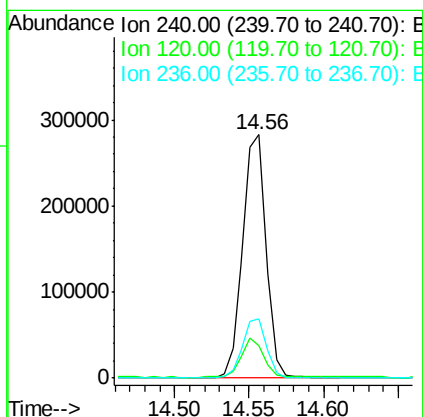
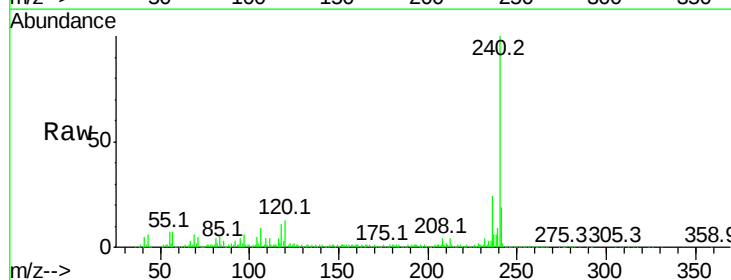
Instrument :
BNA_F
ClientSampleId :

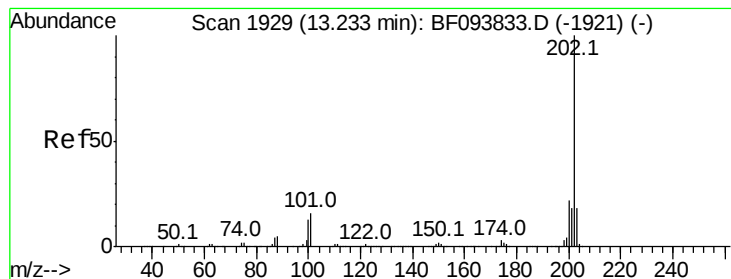
Tot Ion:202 Resp: 83566
Ion Ratio Lower Upper
202 100
101 12.0 0.0 33.2
203 17.1 0.0 38.1



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.56 min Scan# 2154
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion:240 Resp: 307136
Ion Ratio Lower Upper
240 100
120 13.4 5.8 8.8#
236 24.4 20.5 30.7





#77

Pvrene

Concen: 2.85 ng

RT: 13.07 min Scan# 1901

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :

BNA_F

ClientSampleId :

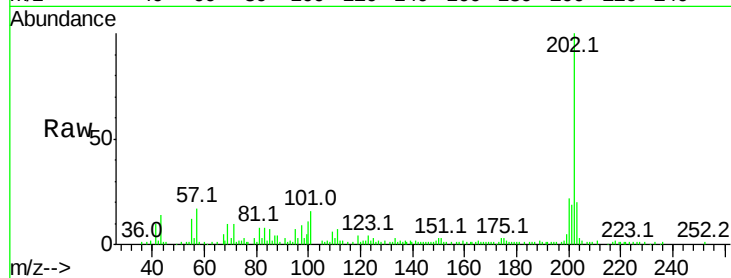
Tot Ion:202 Resp: 63606

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

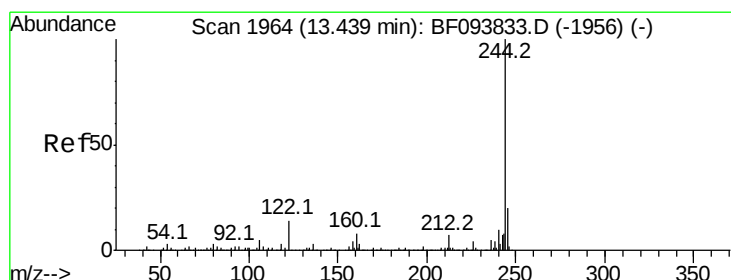
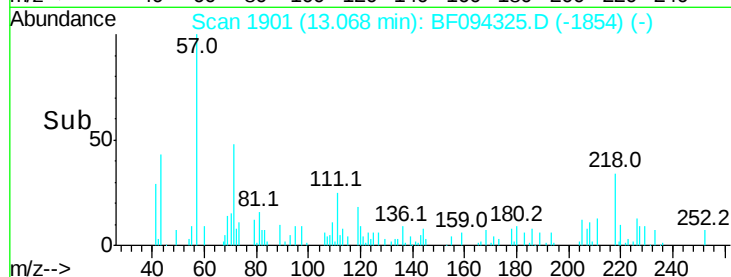
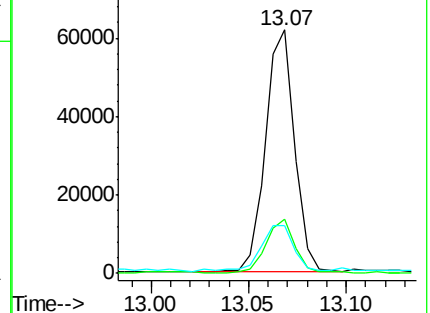
203 19.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 57.78 ng

RT: 13.28 min Scan# 1937

Delta R.T. -0.02 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

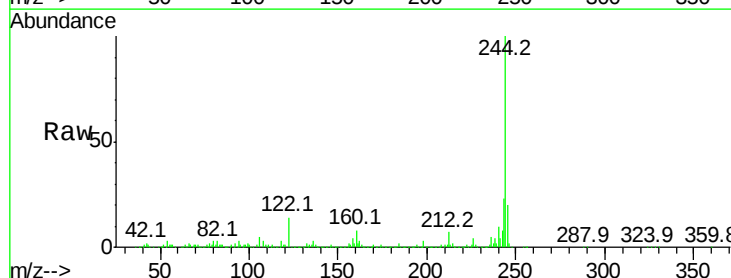
Tgt Ion:244 Resp: 791727

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

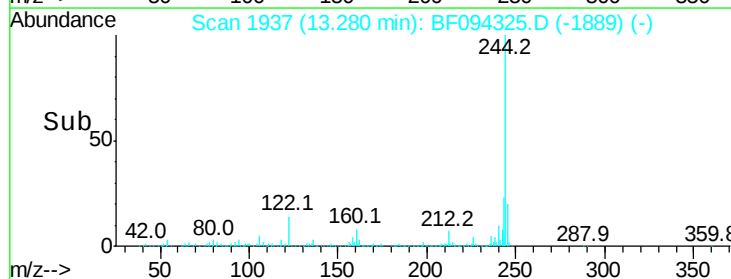
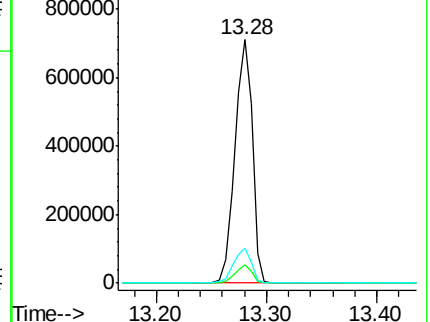
122 14.1 10.3 15.5

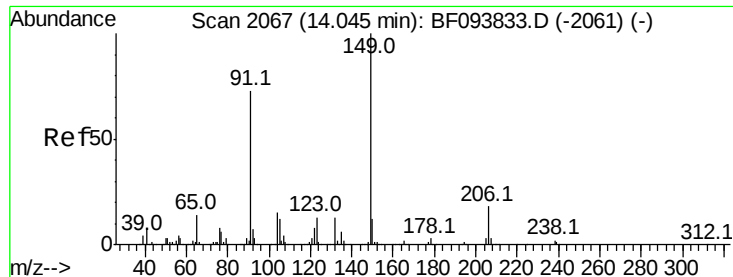


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

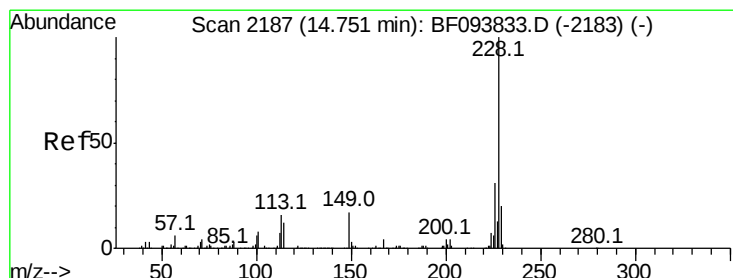
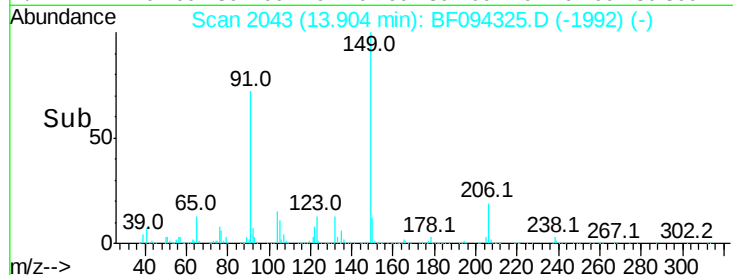
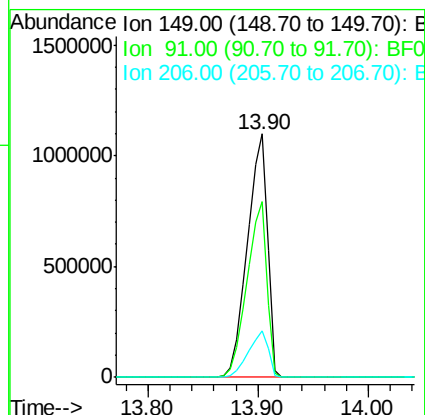
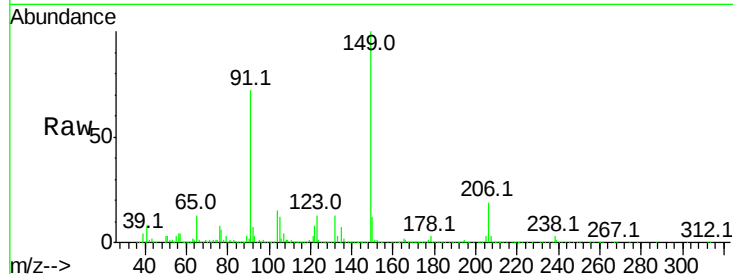




#79
Butylbenzylphthalate
Concen: 148.47 ng
RT: 13.90 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

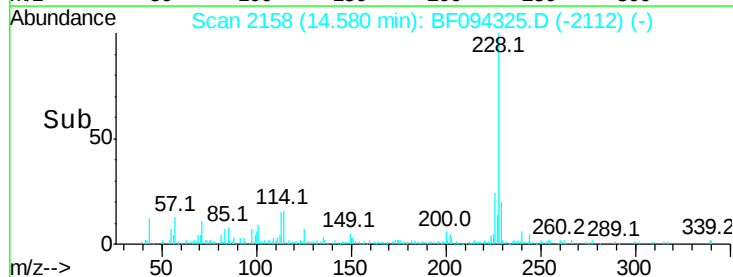
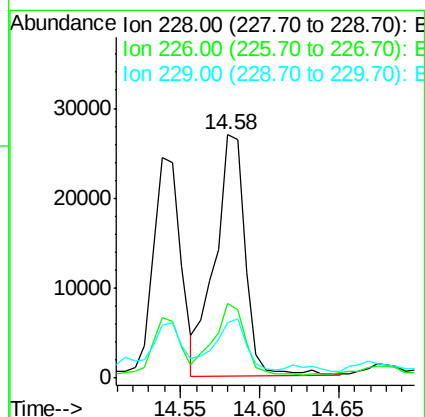
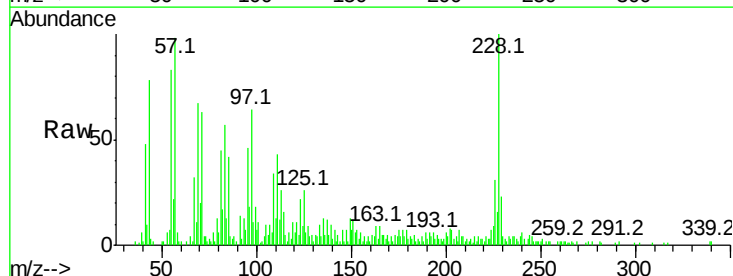
Instrument :
BNA_F
ClientSampled :

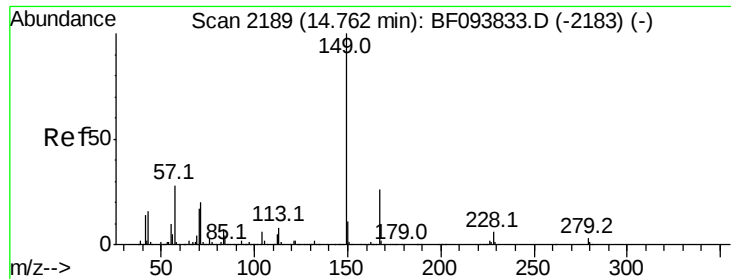
Tot Ion:149 Resp: 1410057
Ion Ratio Lower Upper
149 100
91 72.2 45.0 67.4#
206 19.3 17.0 25.6



#82
Chrysene
Concen: 2.14 ng
RT: 14.58 min Scan# 2158
Delta R.T. -0.03 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion:228 Resp: 35608
Ion Ratio Lower Upper
228 100
226 30.8 24.9 37.3
229 22.5 15.8 23.6

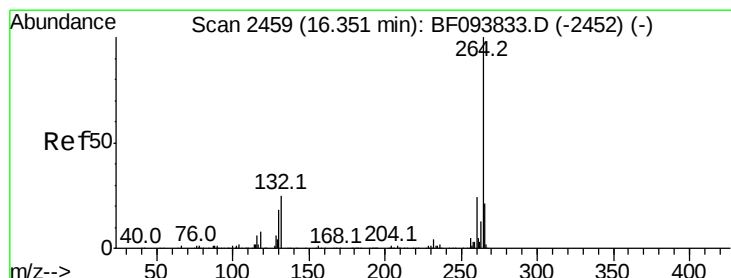
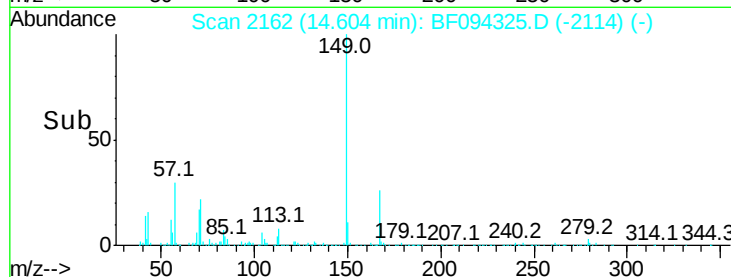
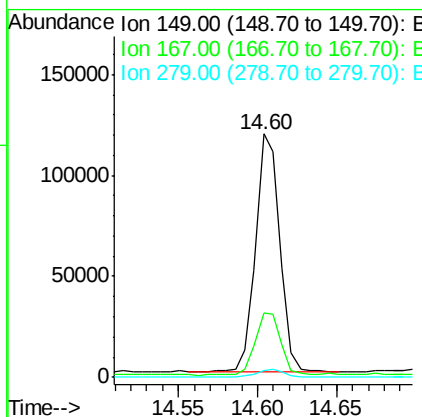
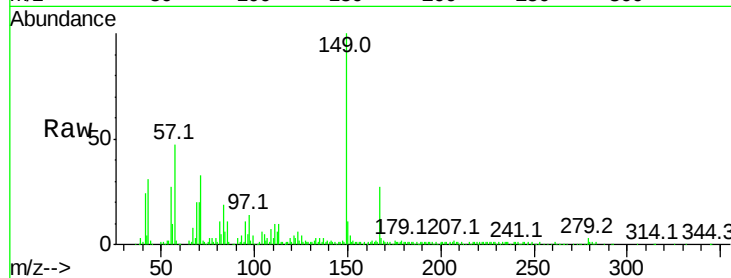




#83
Bis(2-ethylhexyl)phthalate
Concen: 9.75 ng
RT: 14.60 min Scan# 2162
Delta R.T. -0.02 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

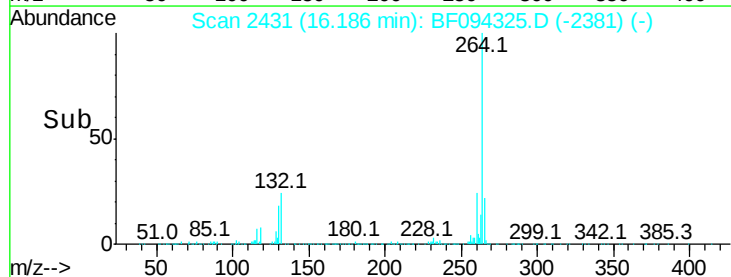
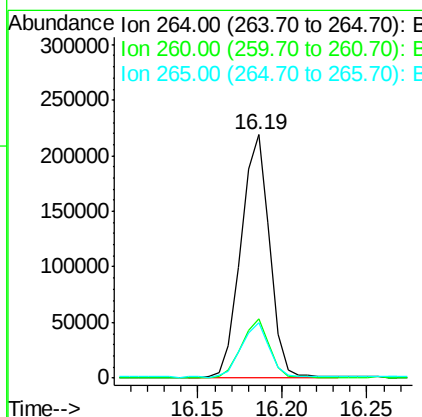
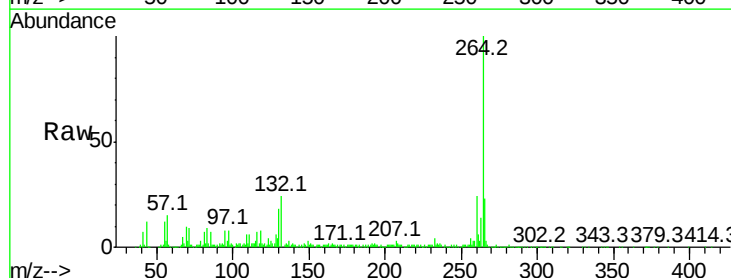
Instrument :
BNA_F
ClientSampleId :

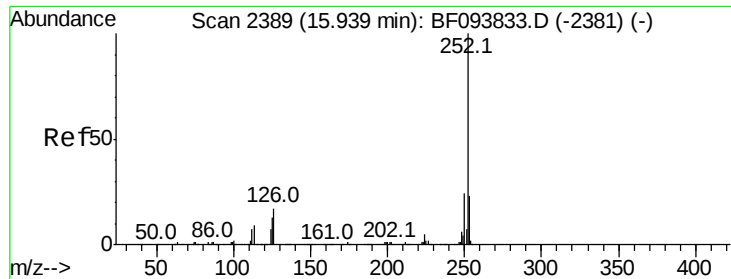
Tot Ion:149 Resp: 126342
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 2.7 1.9 2.9



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.19 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BF094325.D
Acq: 10 Apr 2017 21:39

Tgt Ion:264 Resp: 257456
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 2.83 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.01 min

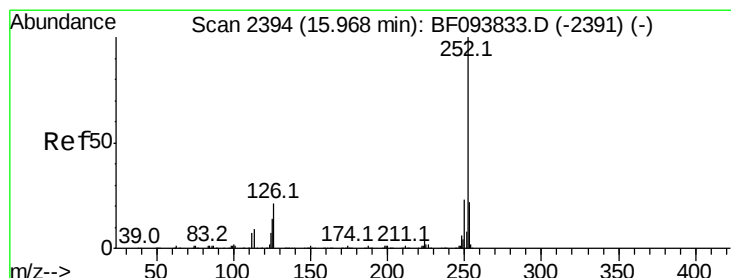
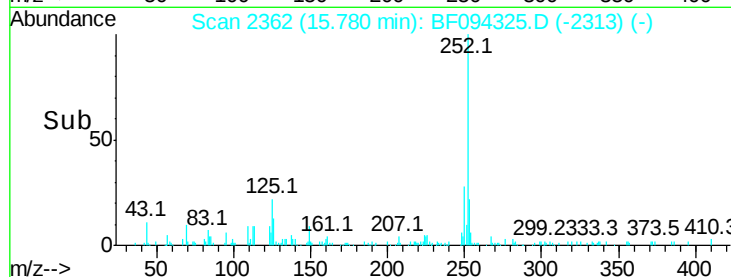
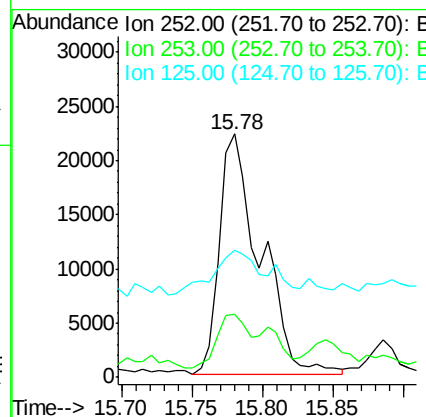
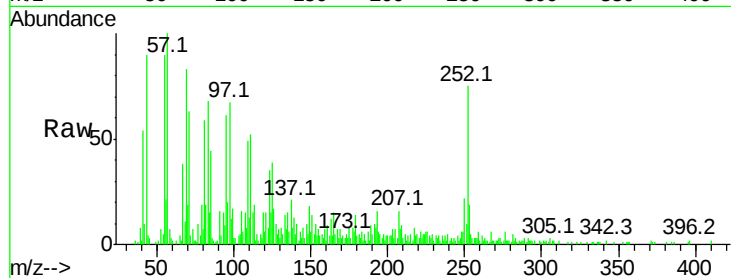
Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 44595

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.1	27.1
125	52.0	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 2.89 ng

RT: 15.78 min Scan# 2362

Delta R.T. -0.05 min

Lab File: BF094325.D

Acq: 10 Apr 2017 21:39

Tgt Ion:252 Resp: 44595

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.4	27.6
125	52.0	13.1	19.7#

