

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
 Data File : BF092176.D
 Acq On : 10 Jan 2017 12:39
 Operator : UM/SJ
 Sample : I1045-01RE 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 10 13:53:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

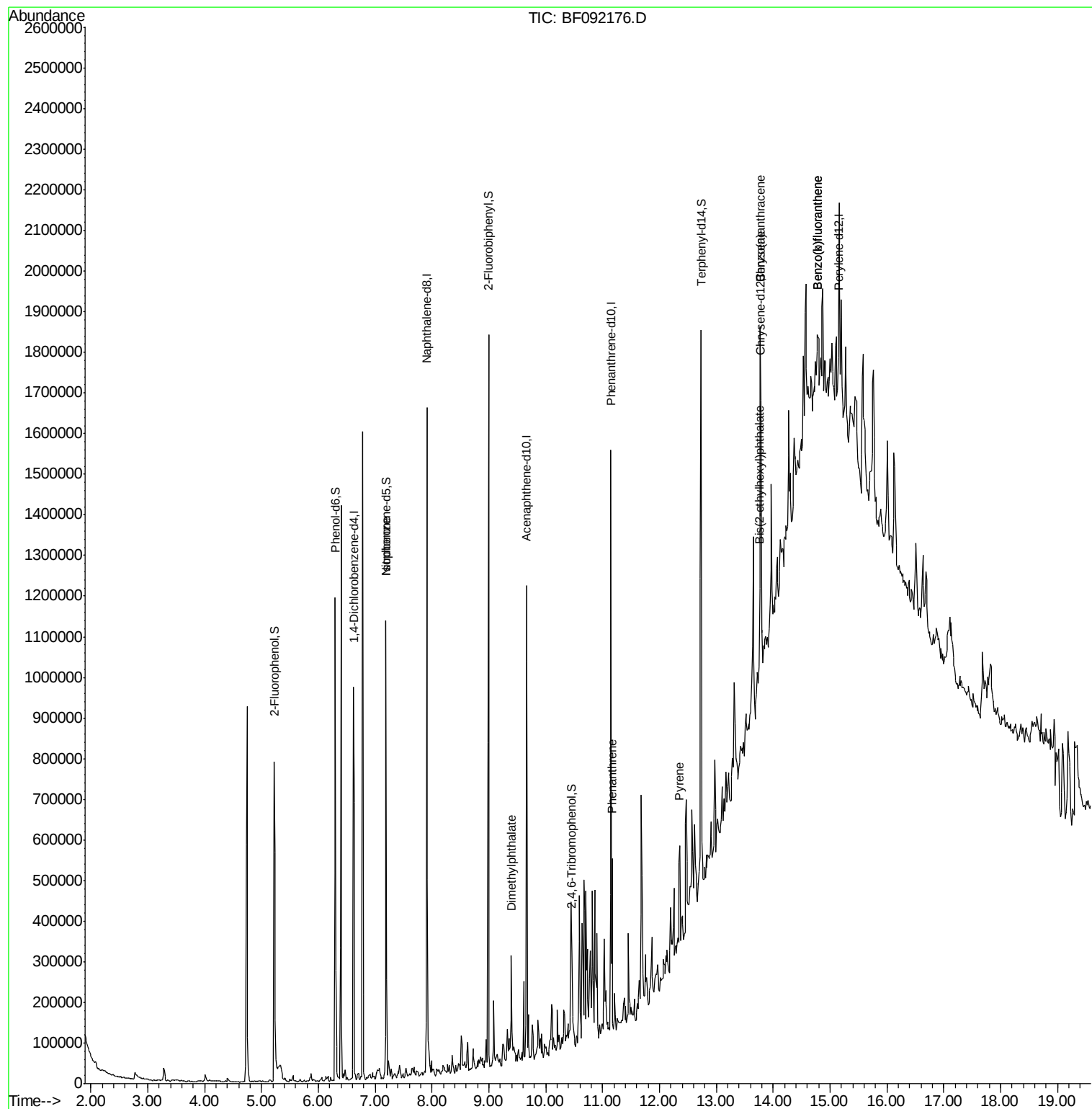
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	193665	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	733873	20.00	ng	-0.02
38) Acenaphthene-d10	9.66	164	354631	20.00	ng	-0.02
63) Phenanthrene-d10	11.14	188	524703	20.00	ng	-0.01
75) Chrysene-d12	13.79	240	373433	20.00	ng	0.00
86) Perylene-d12	15.16	264	273844	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	321190	27.69	ng	-0.01
7) Phenol-d6	6.30	99	485515	34.29	ng	-0.01
23) Nitrobenzene-d5	7.19	82	367838	27.87	ng	-0.02
41) 2,4,6-Tribromophenol	10.46	330	46067	15.70	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	639681	28.36	ng	-0.01
78) Terphenyl-d14	12.73	244	560871	36.43	ng	-0.01
Target Compounds						
25) Isophorone	7.19	82	343370	14.10	ng	# 65
49) Dimethylphthalate	9.40	163	101374	4.47	ng	99
70) Phenanthrene	11.17	178	156924	5.52	ng	98
73) Di-n-butylphthalate	11.70	149	23271	Below Cal		98
76) Benzidine	12.50	184	1699	Below Cal	#	1
77) Pyrene	12.36	202	139147	5.08	ng	96
80) Benzo(a)anthracene	13.77	228	55699	2.64	ng	# 83
82) Chrysene	13.77	228	55699	2.63	ng	# 88
83) Bis(2-ethylhexyl)phthalate	13.76	149	45253	3.08	ng	# 86
87) Benzo(b)fluoranthene	14.78	252	57335	3.36	ng	# 25
88) Benzo(k)fluoranthene	14.78	252	57041	3.92	ng	# 24

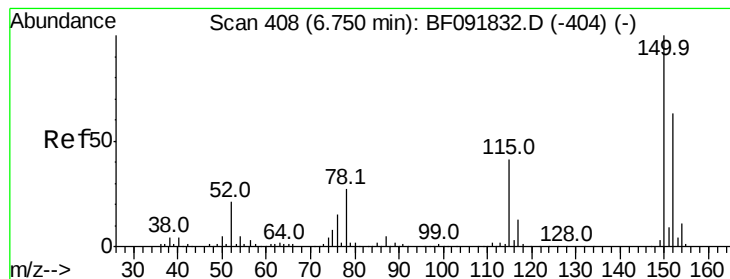
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011017\
Data File : BF092176.D
Acq On : 10 Jan 2017 12:39
Operator : UM/SJ
Sample : I1045-01RE 2X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 10 13:53:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 414

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

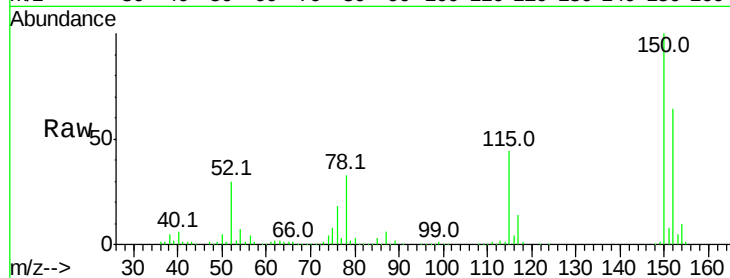
Tot Ion:152 Resp: 193665

Ion Ratio Lower Upper

152 100

150 156.6 124.9 187.3

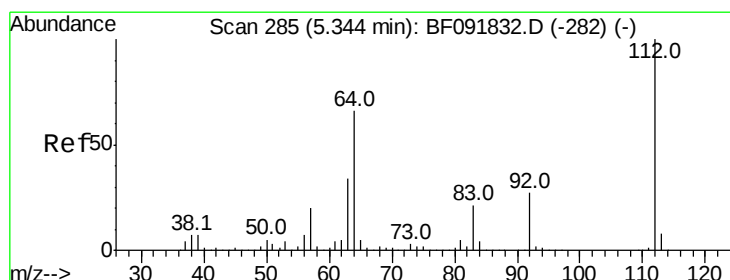
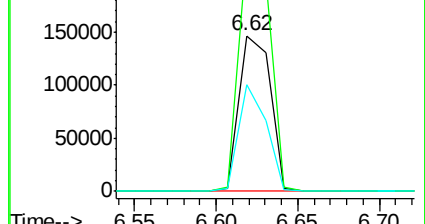
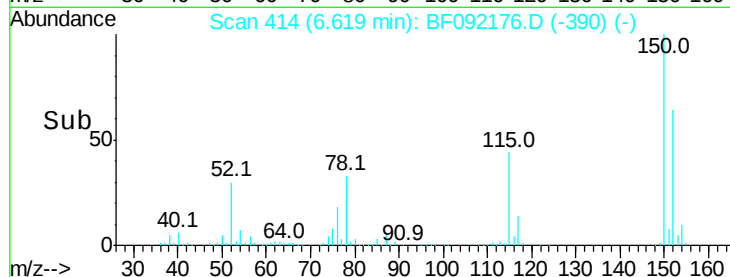
115 68.9 46.0 69.0



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: 27.69 ng

RT: 5.22 min Scan# 292

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

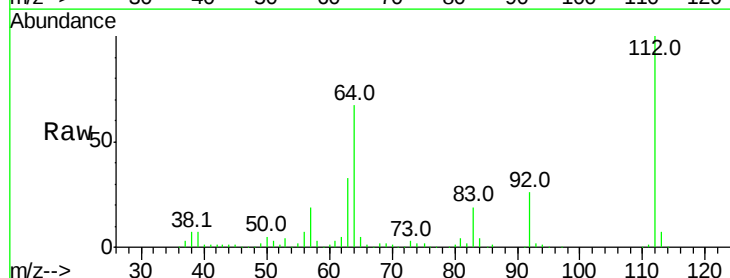
Tgt Ion:112 Resp: 321190

Ion Ratio Lower Upper

112 100

64 66.7 46.1 69.1

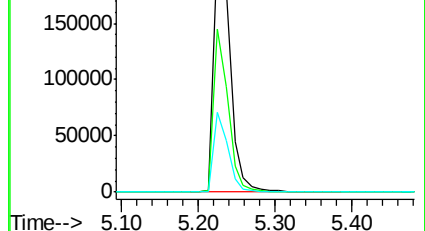
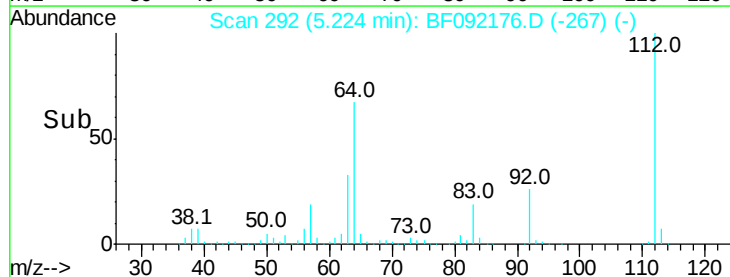
63 32.6 23.8 35.6

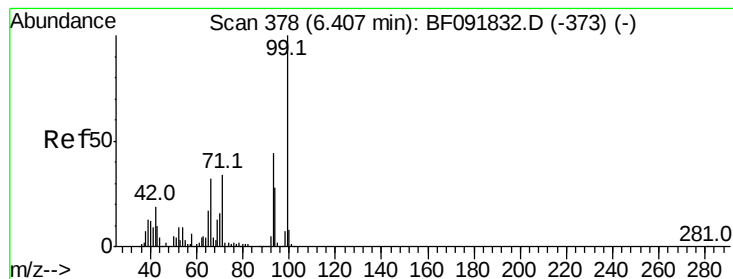


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.29 ng

RT: 6.30 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

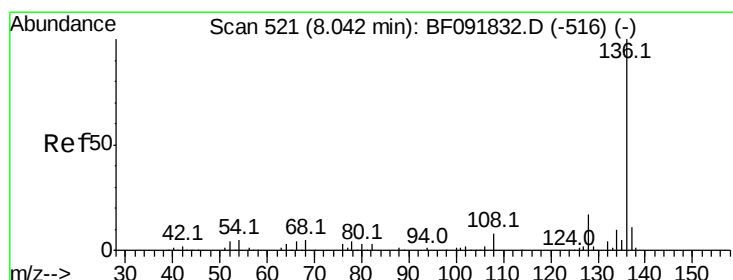
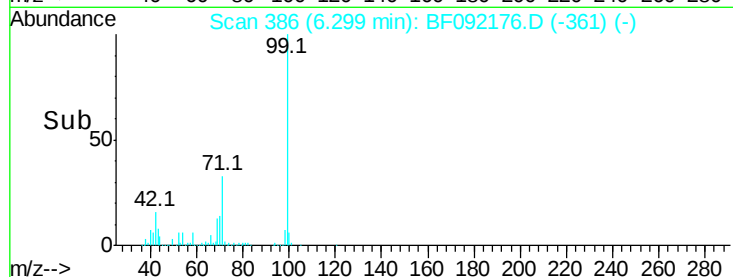
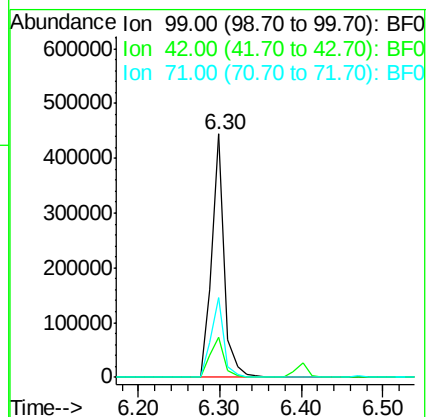
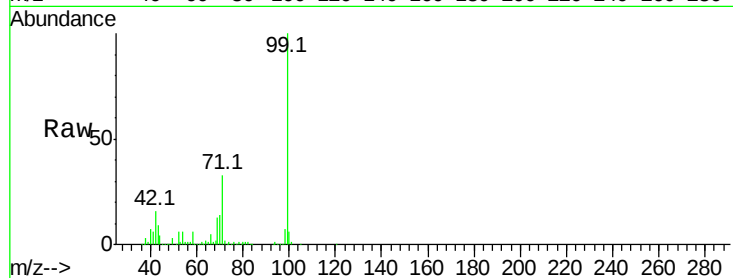
Tot Ion: 99 Resp: 485515

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

71 32.7 27.5 41.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 527

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Tgt Ion: 136 Resp: 733873

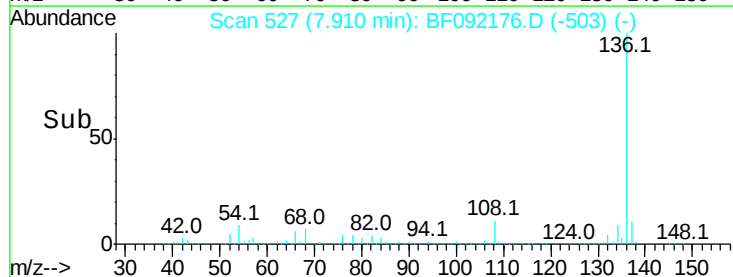
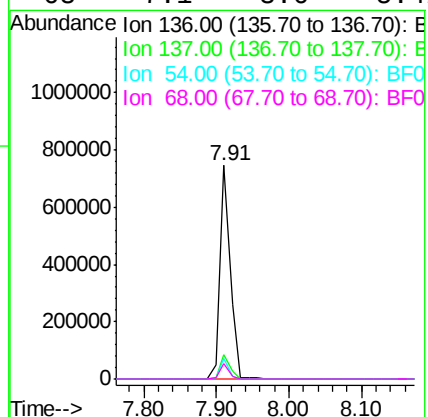
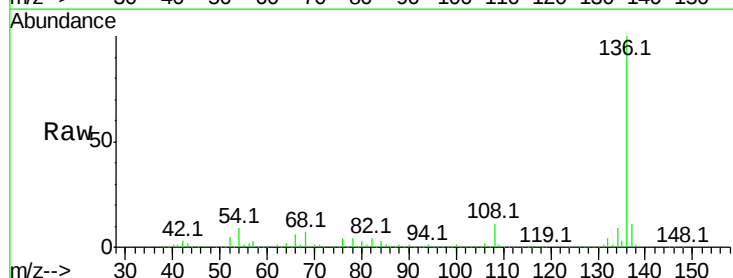
Ion Ratio Lower Upper

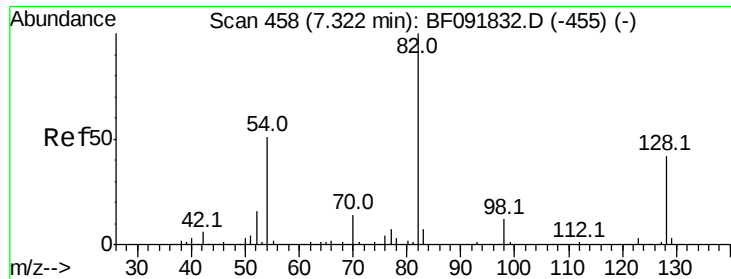
136 100

137 11.3 8.4 12.6

54 9.4 4.5 6.7#

68 7.1 3.6 5.4#

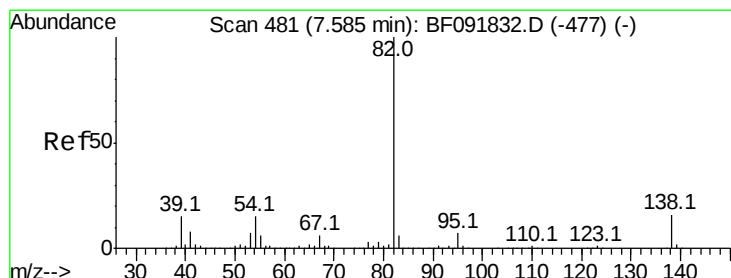
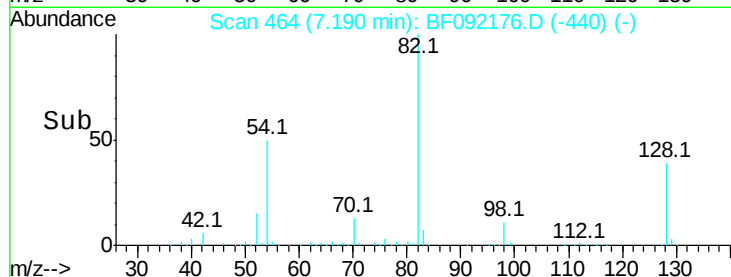
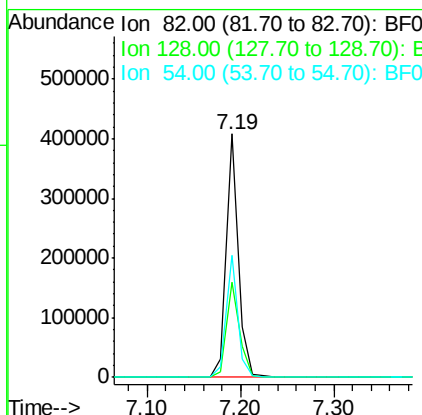
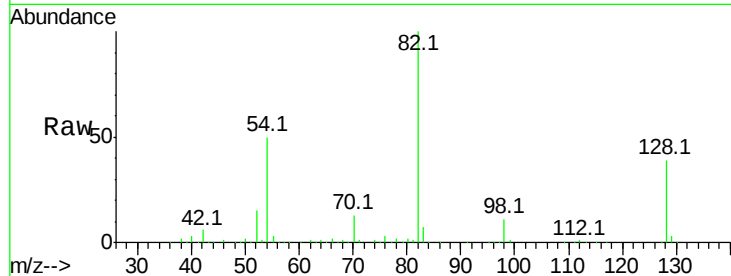




#23
 Nitrobenzene-d5
 Concen: 27.87 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.02 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

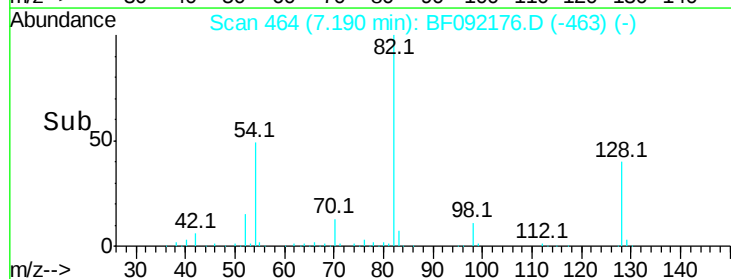
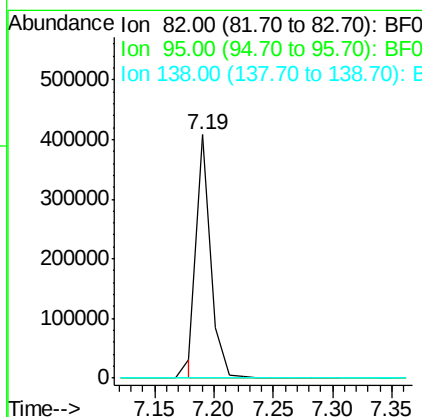
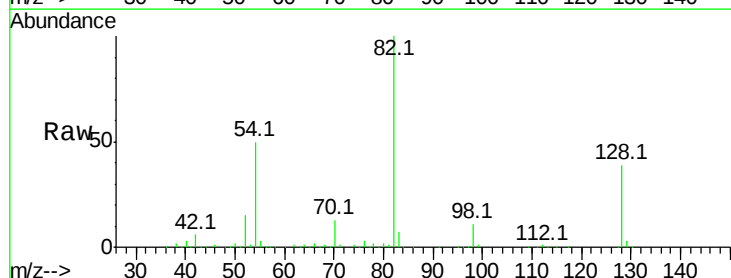
Instrument :
 BNA_F
 ClientSampleId :

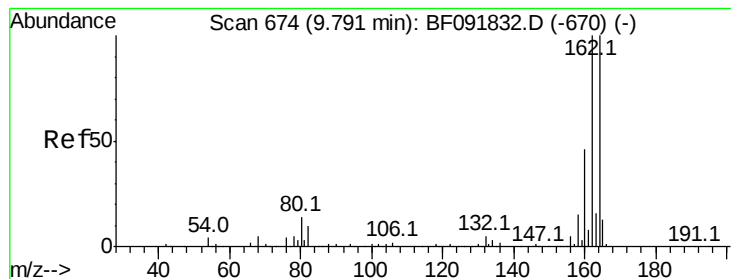
Tot Ion: 82 Resp: 367838
 Ion Ratio Lower Upper
 82 100
 128 39.0 34.6 52.0
 54 50.0 39.5 59.3



#25
 Isophorone
 Concen: 14.10 ng
 RT: 7.19 min Scan# 464
 Delta R.T. -0.29 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Tgt Ion: 82 Resp: 343370
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.66 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

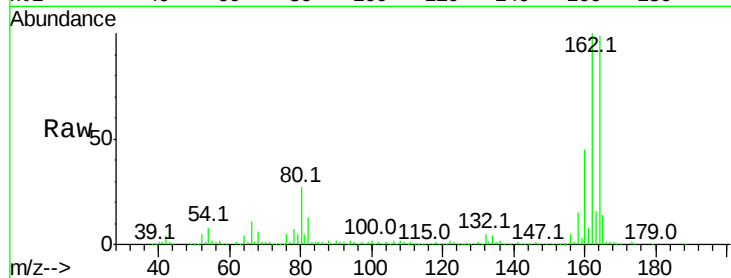
Tot Ion:164 Resp: 354631

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

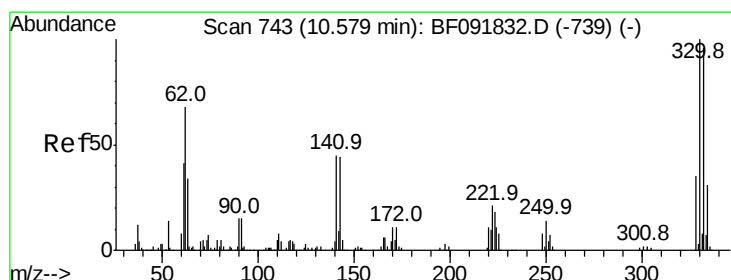
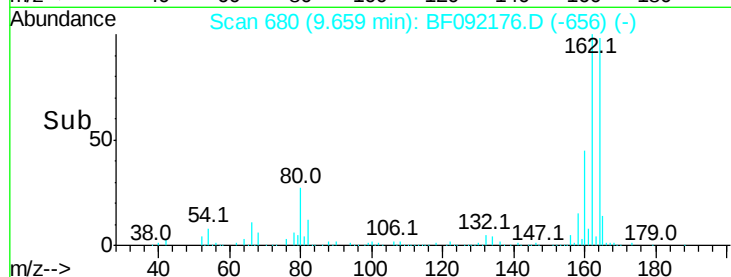
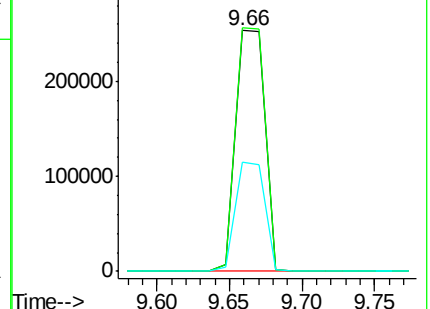
160 45.4 36.9 55.3



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: 15.70 ng

RT: 10.46 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

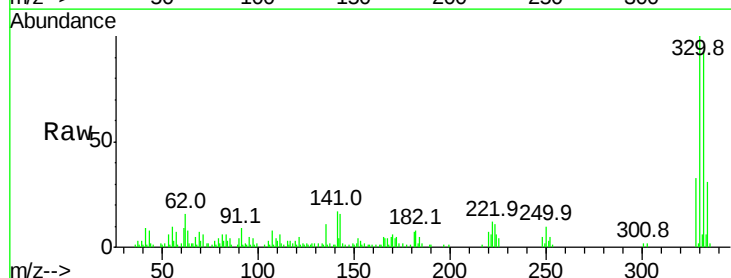
Tgt Ion:330 Resp: 46067

Ion Ratio Lower Upper

330 100

332 94.4 77.4 116.2

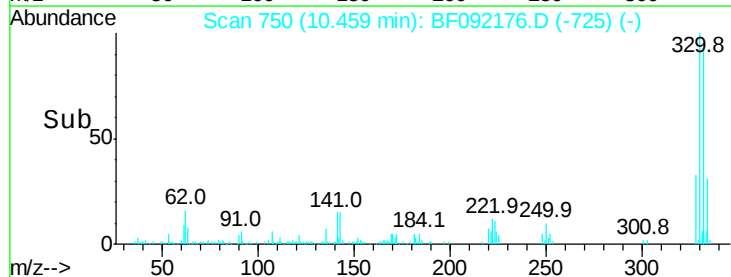
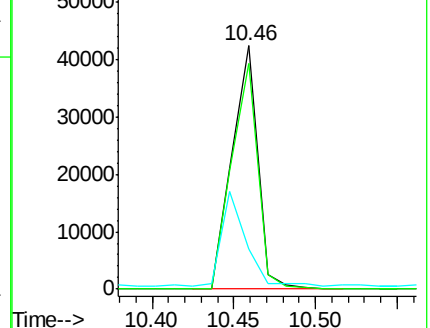
141 38.0 34.1 51.1

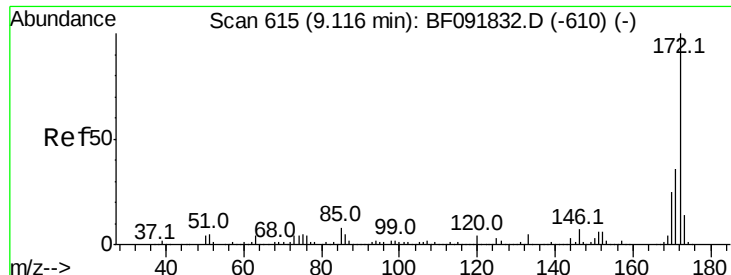


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

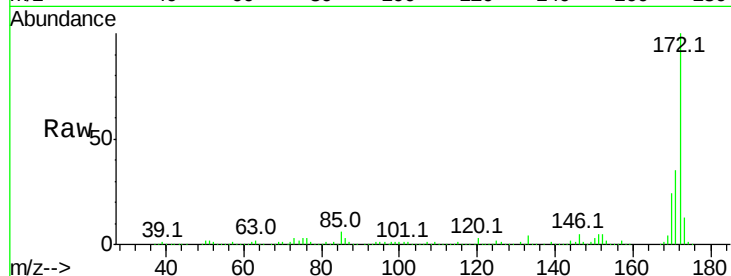




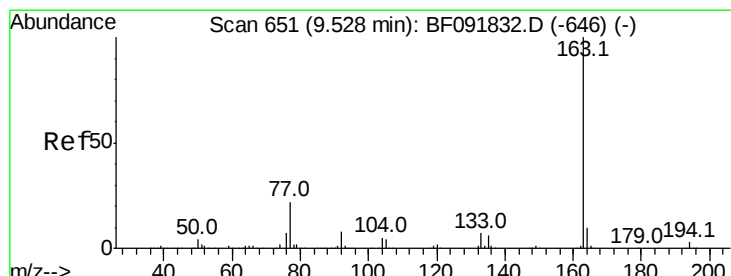
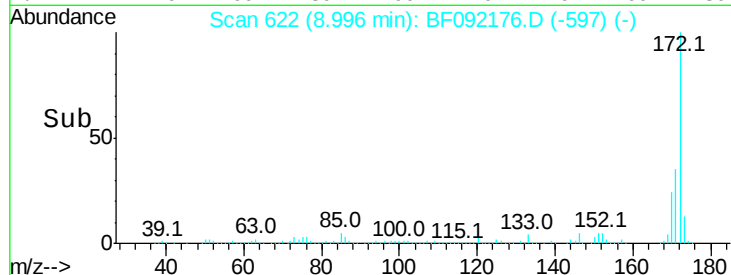
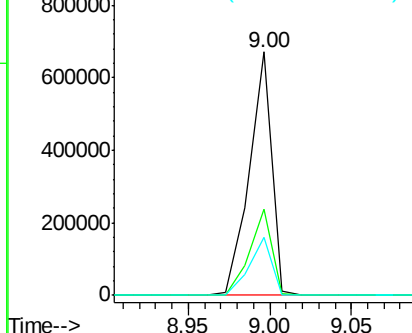
#44
 2-Fluorobiphenyl
 Concen: 28.36 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 639681
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.8 20.2 30.4

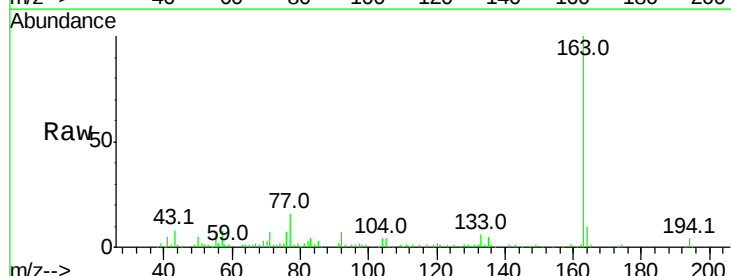


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

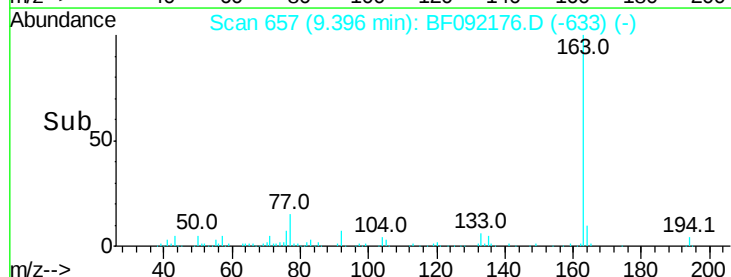
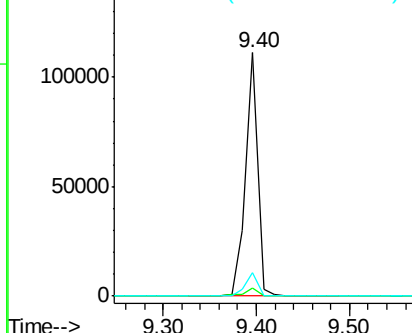


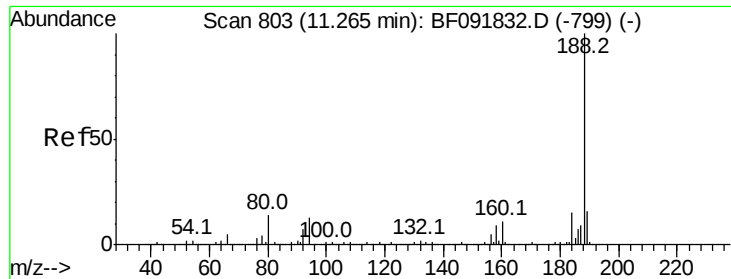
#49
 Dimethylphthalate
 Concen: 4.47 ng
 RT: 9.40 min Scan# 657
 Delta R.T. -0.02 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Tgt Ion:163 Resp: 101374
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.6 8.0 12.0



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

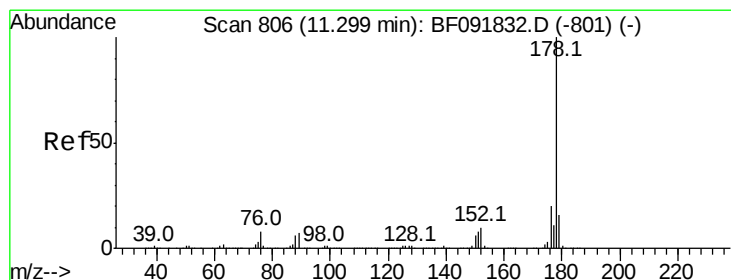
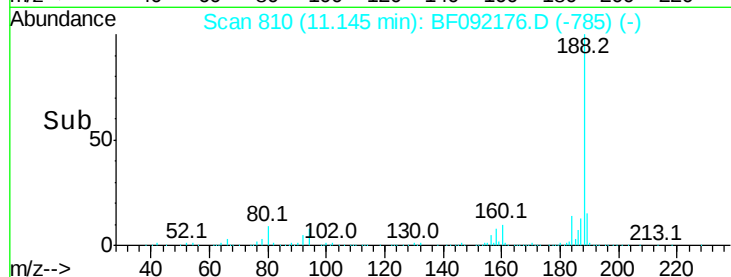
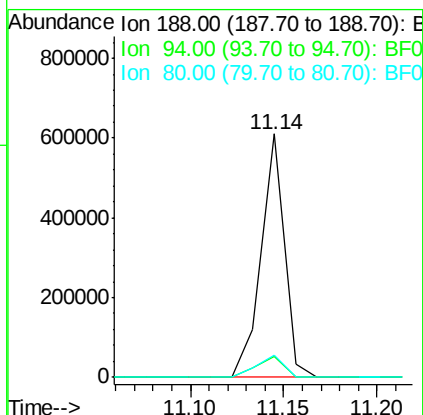
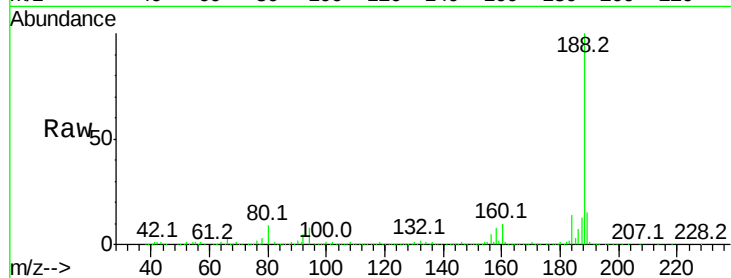




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092176.D
Acq: 10 Jan 2017 12:39

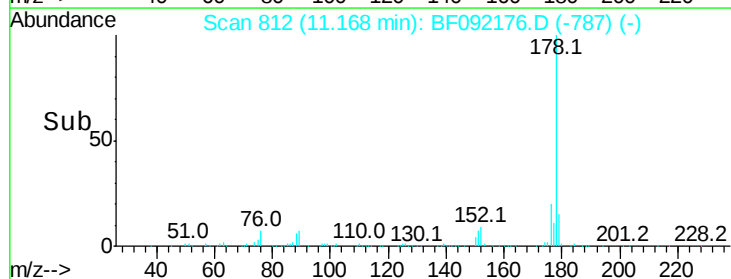
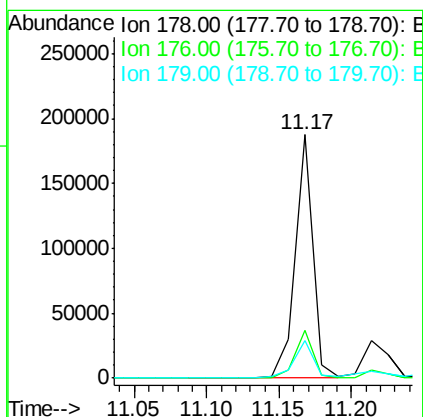
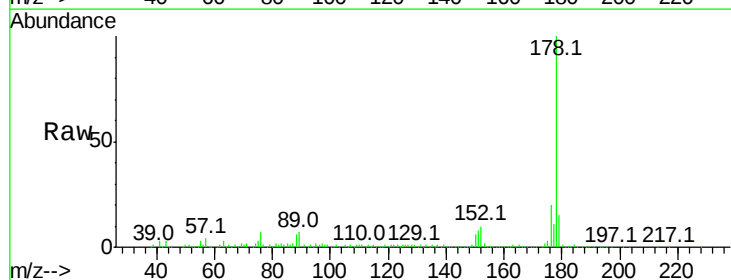
Instrument :
BNA_F
ClientSampleId :

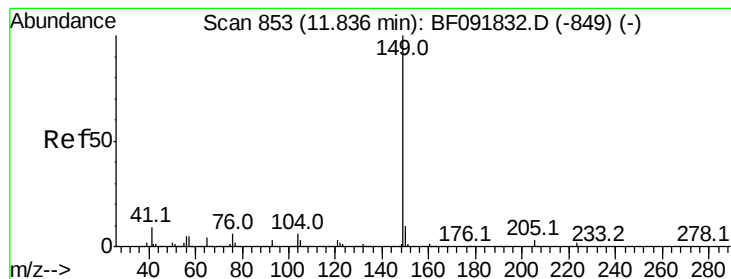
Tot Ion:188 Resp: 524703
Ion Ratio Lower Upper
188 100
94 8.4 10.0 15.0#
80 9.2 11.2 16.8#



#70
Phenanthrene
Concen: 5.52 ng
RT: 11.17 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF092176.D
Acq: 10 Jan 2017 12:39

Tgt Ion:178 Resp: 156924
Ion Ratio Lower Upper
178 100
176 19.5 16.6 25.0
179 15.3 12.8 19.2





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.70 min Scan# 859

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :
BNA_F
ClientSampleId :

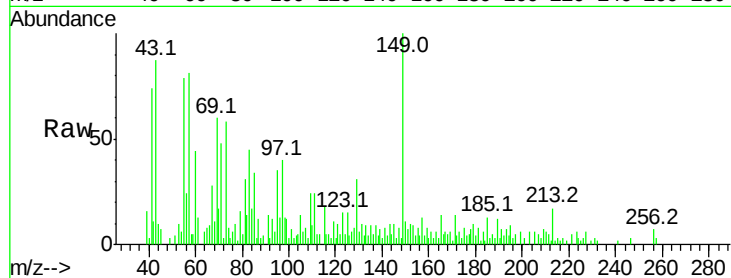
Tot Ion:149 Resp: 23271

Ion Ratio Lower Upper

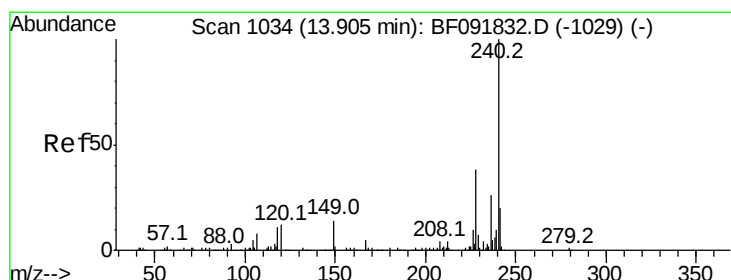
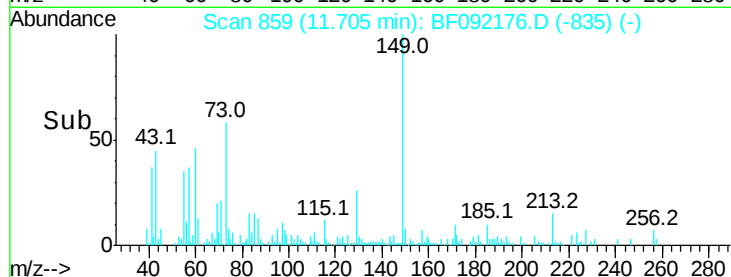
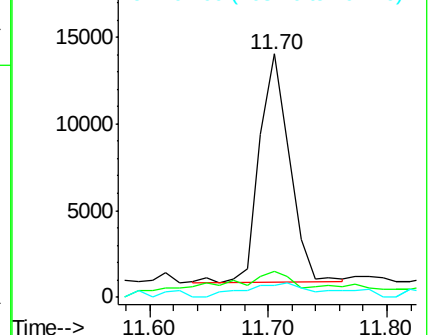
149 100

150 10.9 8.1 12.1

104 5.2 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

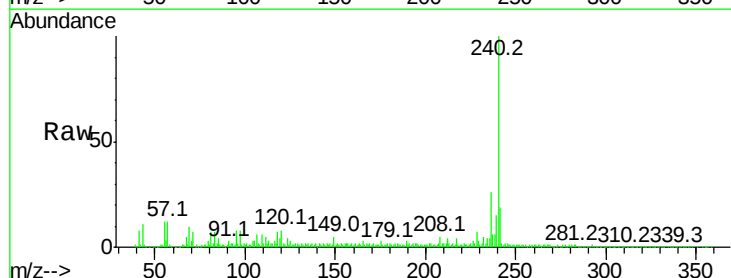
Tgt Ion:240 Resp: 373433

Ion Ratio Lower Upper

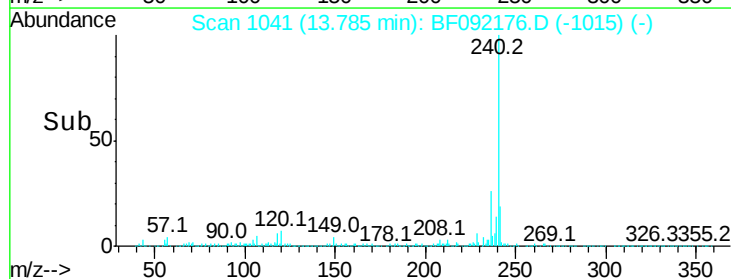
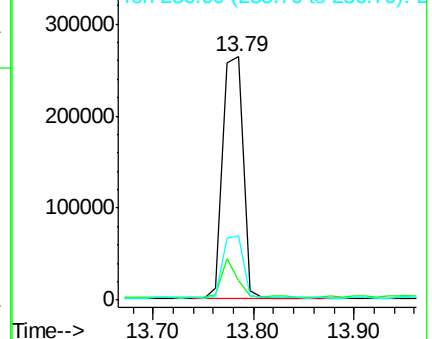
240 100

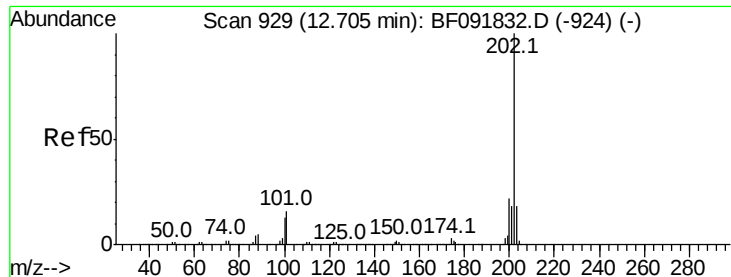
120 8.2 12.9 19.3#

236 26.4 20.9 31.3



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: 5.08 ng

RT: 12.36 min Scan# 916

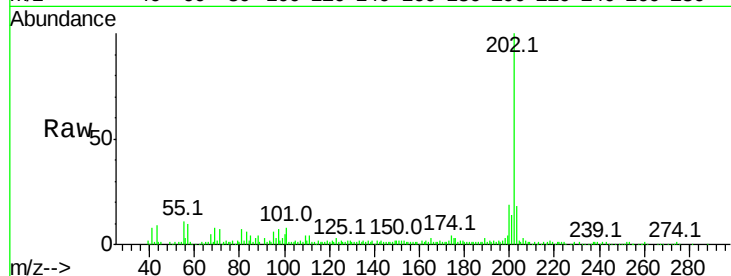
Delta R.T. -0.23 min

Lab File: BF092176.D

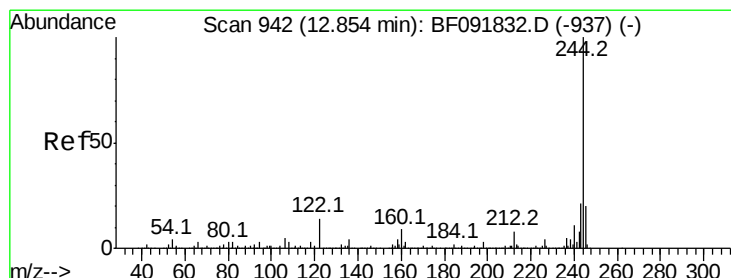
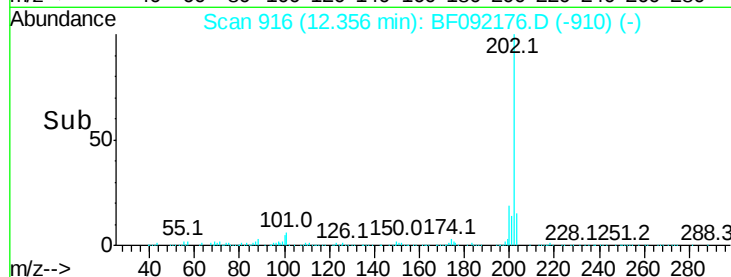
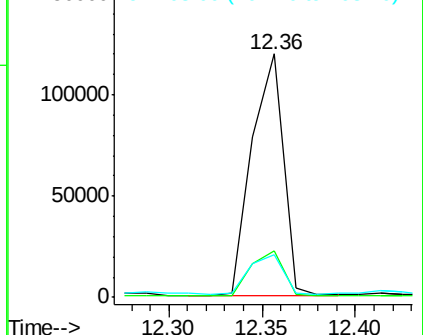
Acq: 10 Jan 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	202	Resp:	139147
Ion	Ratio	Lower	Upper
202	100		
200	19.2	17.7	26.5
203	17.7	14.7	22.1



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: 36.43 ng

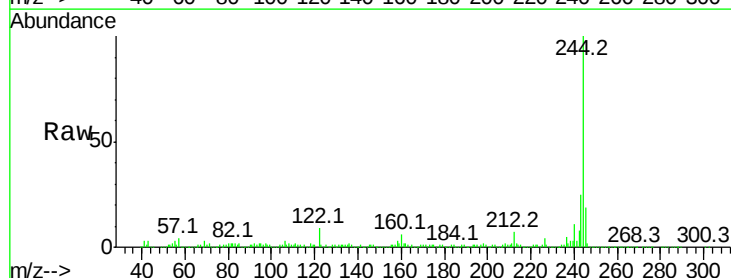
RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

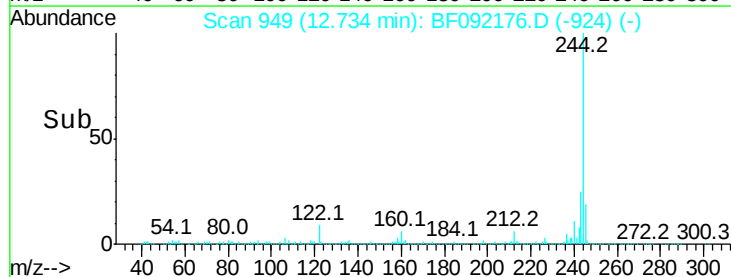
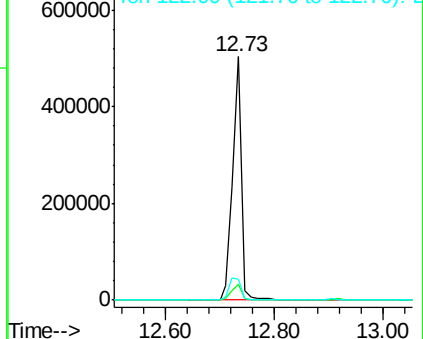
Lab File: BF092176.D

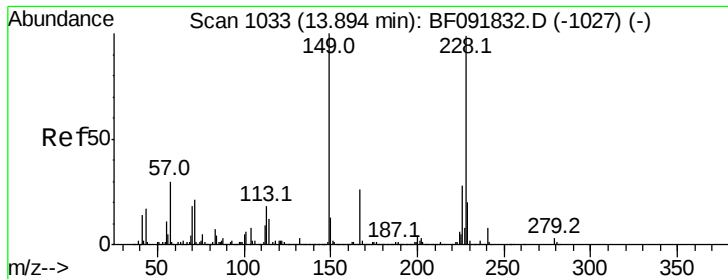
Acq: 10 Jan 2017 12:39

Tgt Ion:	244	Resp:	560871
Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.2	9.2
122	8.8	11.4	17.2#



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





#80

Benzo(a)anthracene

Concen: 2.64 ng

RT: 13.77 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :

BNA_F

ClientSampleId :

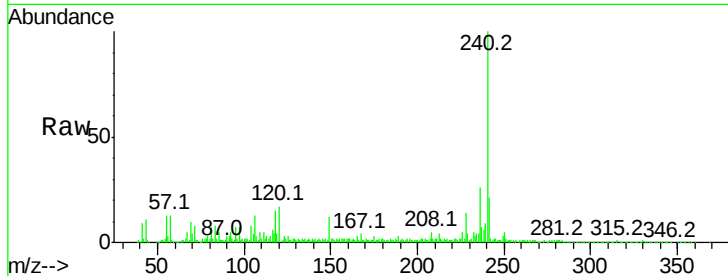
Tot Ion:228 Resp: 55699

Ion Ratio Lower Upper

228 100

226 33.5 22.4 33.6

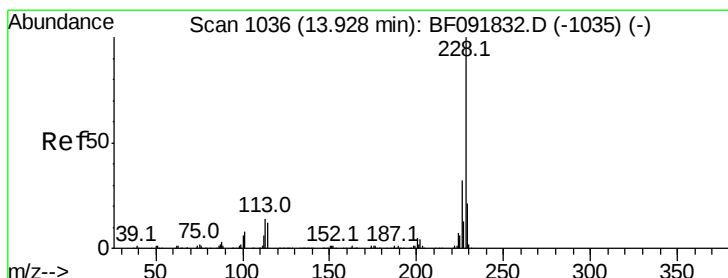
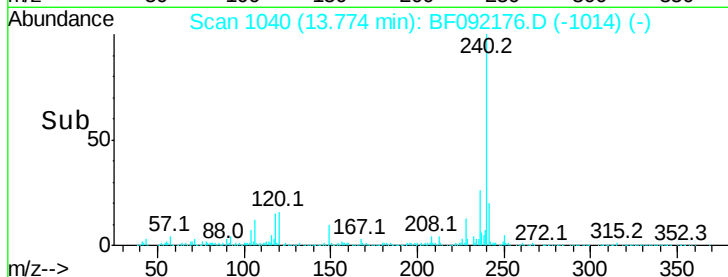
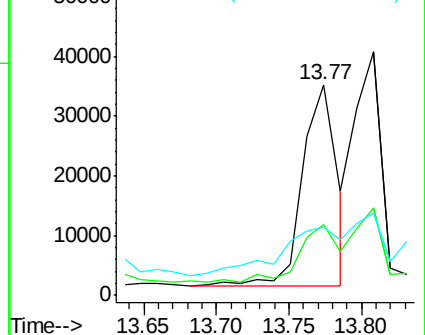
229 32.6 16.2 24.4#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 2.63 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

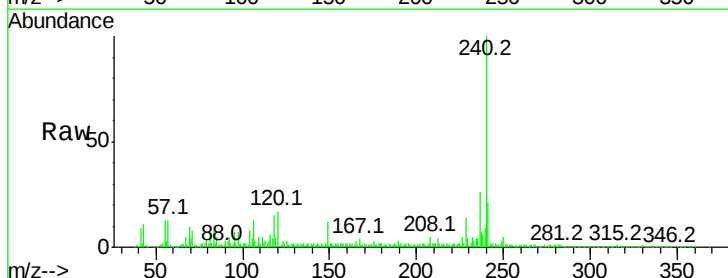
Tgt Ion:228 Resp: 55699

Ion Ratio Lower Upper

228 100

226 33.5 25.4 38.0

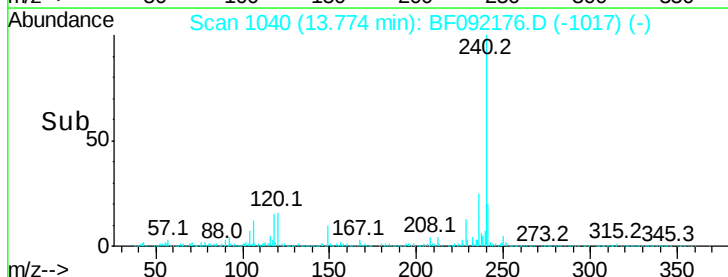
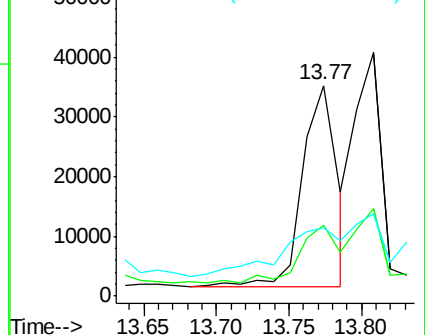
229 32.6 16.2 24.2#

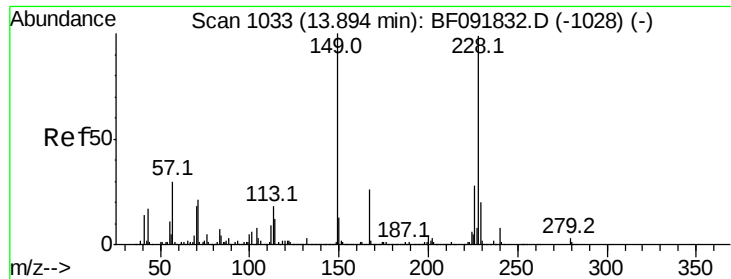


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

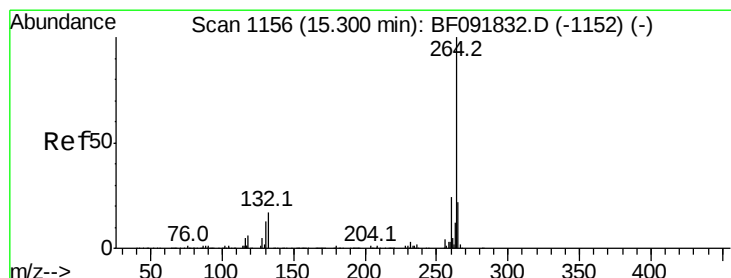
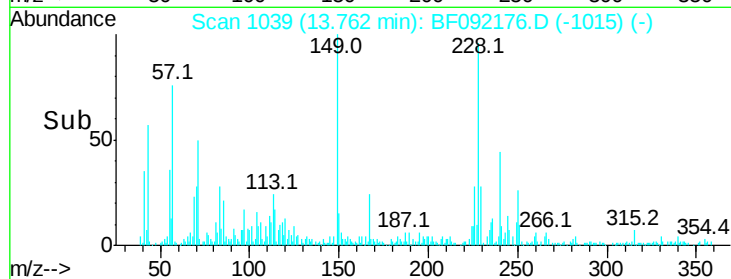
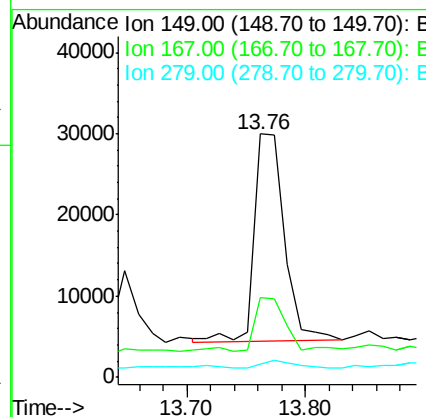
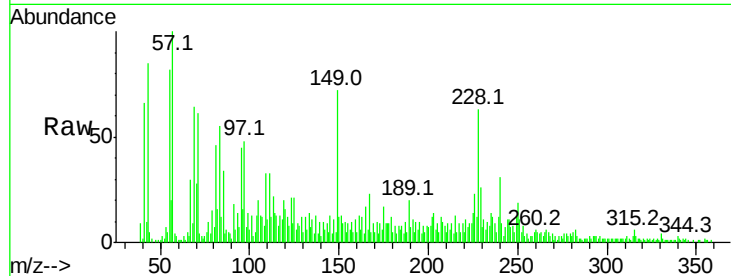




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.08 ng
 RT: 13.76 min Scan# 1039
 Delta R.T. -0.02 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

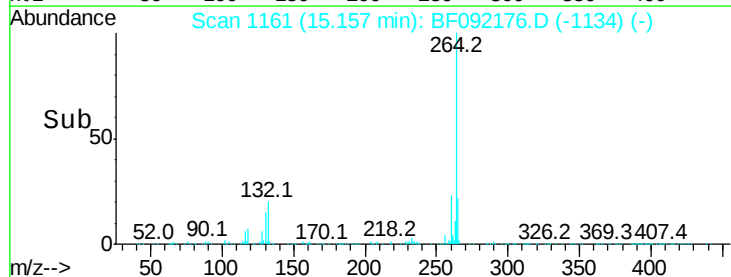
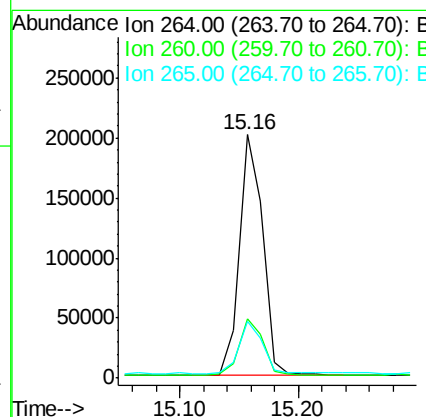
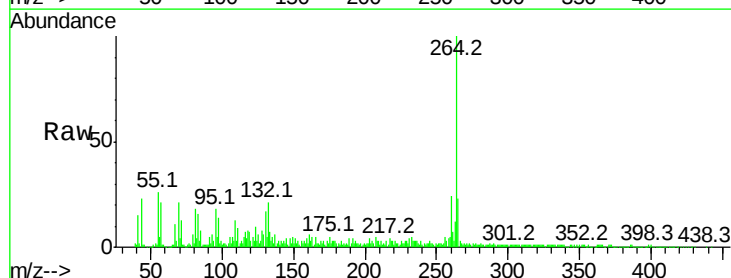
Instrument :
 BNA_F
 ClientSampleId :

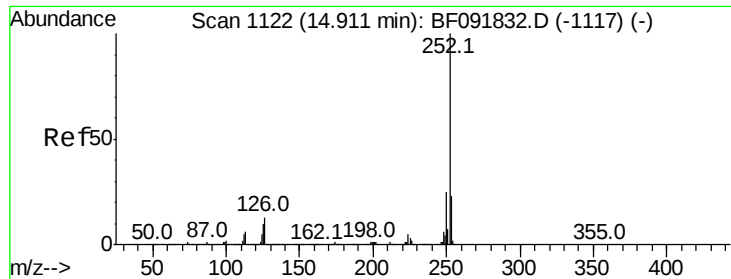
Tot Ion:149 Resp: 45253
 Ion Ratio Lower Upper
 149 100
 167 32.6 20.2 30.4#
 279 5.6 1.8 2.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BF092176.D
 Acq: 10 Jan 2017 12:39

Tgt Ion:264 Resp: 273844
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 23.3 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 3.36 ng

RT: 14.78 min Scan# 1128

Delta R.T. 0.00 min

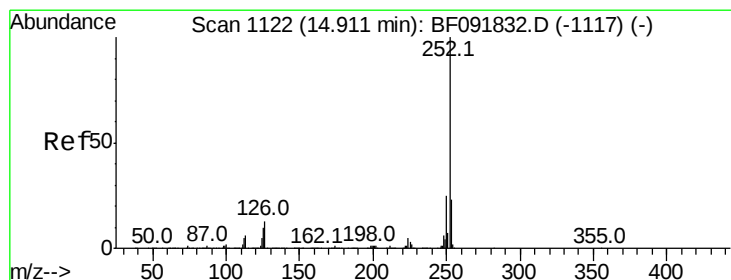
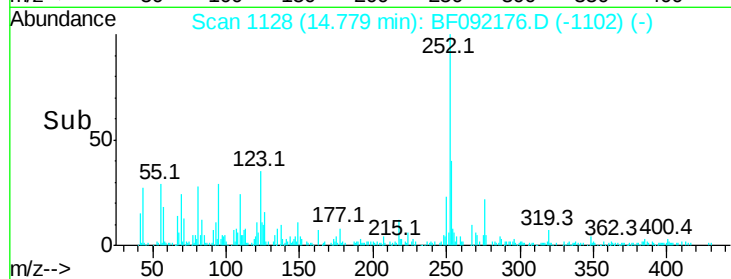
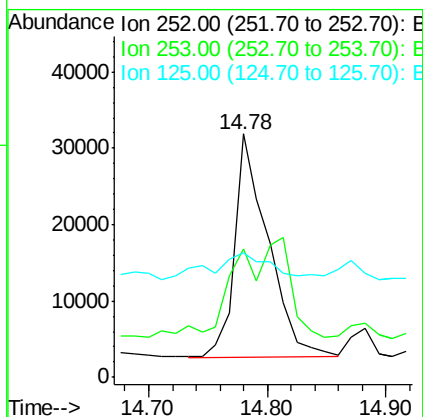
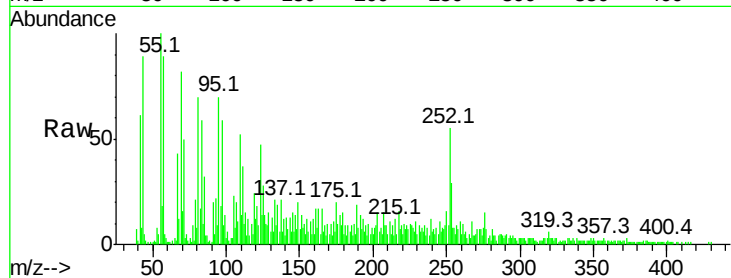
Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 57335

Ion	Ratio	Lower	Upper
252	100		
253	52.9	18.2	27.4#
125	51.2	9.8	14.6#



#88

Benzo(k)fluoranthene

Concen: 3.92 ng

RT: 14.78 min Scan# 1128

Delta R.T. -0.02 min

Lab File: BF092176.D

Acq: 10 Jan 2017 12:39

Tgt Ion:252 Resp: 57041

Ion	Ratio	Lower	Upper
252	100		
253	52.9	18.5	27.7#
125	51.2	8.9	13.3#

