

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
 Data File : BF094525.D
 Acq On : 19 Apr 2017 19:36
 Operator : SJ/MA
 Sample : I2750-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 20 03:06:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 17 14:59:23 2017
 Response via : Initial Calibration

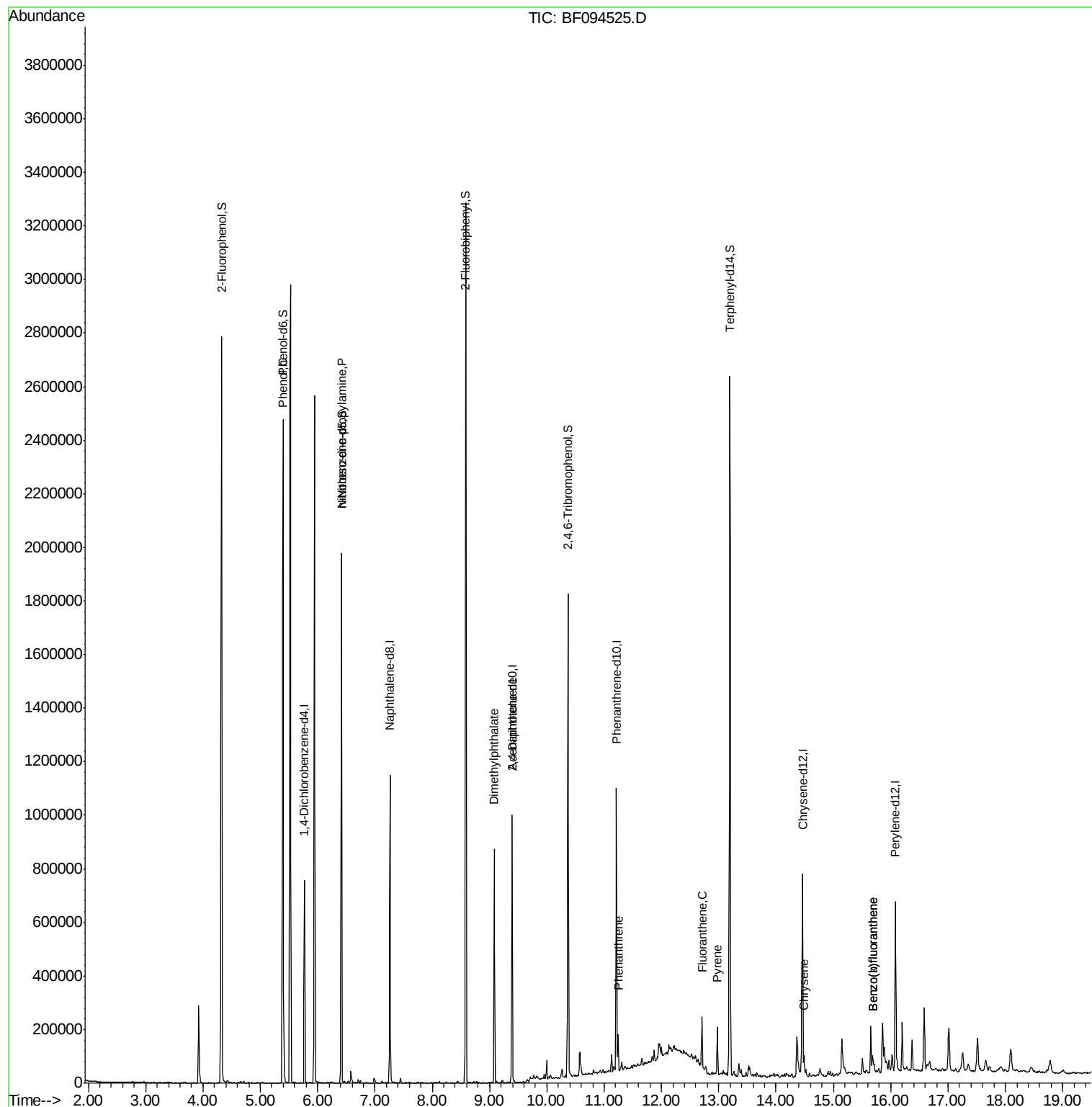
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	125503	20.00	ng	0.00
21) Naphthalene-d8	7.26	136	537131	20.00	ng	0.00
38) Acenaphthene-d10	9.40	164	211279	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	404891	20.00	ng	0.00
75) Chrysene-d12	14.46	240	279803	20.00	ng	0.00
86) Perylene-d12	16.08	264	238674	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.32	112	842972	111.44	ng	0.02
7) Phenol-d6	5.40	99	1084713	121.63	ng	0.00
23) Nitrobenzene-d5	6.42	82	683545	78.58	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	223659	135.34	ng	0.00
44) 2-Fluorobiphenyl	8.58	172	1230914	85.72	ng	0.00
78) Terphenyl-d14	13.19	244	970285	92.69	ng	0.00
Target Compounds						
10) Phenol	5.41	94	25973	2.37	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	6.42	70	88430	14.97	ng	# 76
49) Dimethylphthalate	9.08	163	362769	23.04	ng	99
56) 2,4-Dinitrotoluene	9.40	165	26535	6.12	ng	# 33
70) Phenanthrene	11.24	178	51953	2.28	ng	98
74) Fluoranthene	12.71	202	75157	3.18	ng	99
77) Pyrene	12.98	202	73149	3.74	ng	97
82) Chrysene	14.49	228	30648	2.06	ng	97
87) Benzo(b)fluoranthene	15.68	252	41800	2.86	ng	# 95
88) Benzo(k)fluoranthene	15.68	252	41800	3.03	ng	99

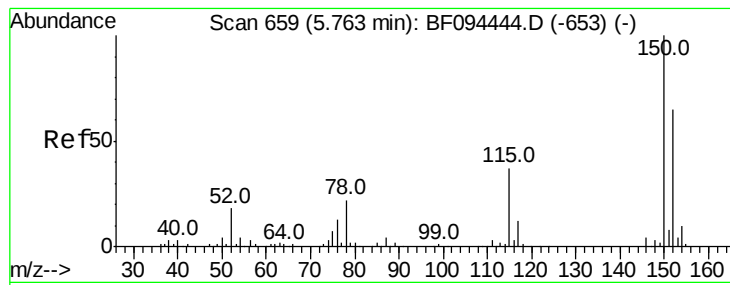
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041917\
Data File : BF094525.D
Acq On : 19 Apr 2017 19:36
Operator : SJ/MA
Sample : I2750-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Apr 20 03:06:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration



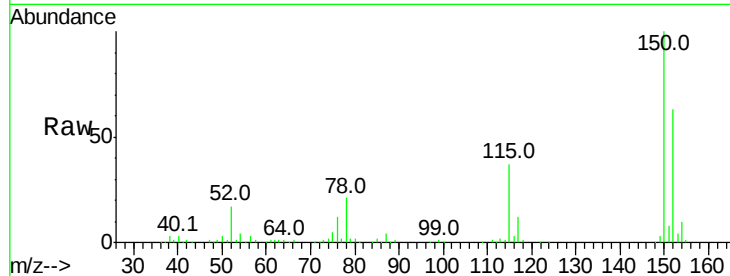


#1

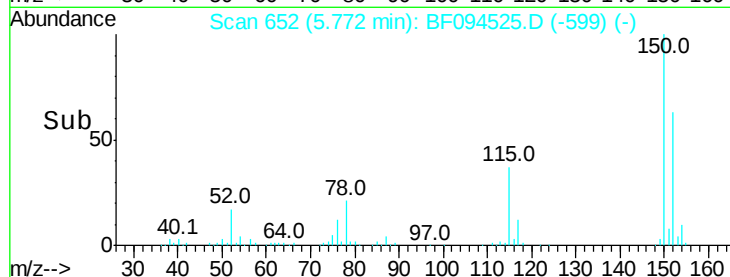
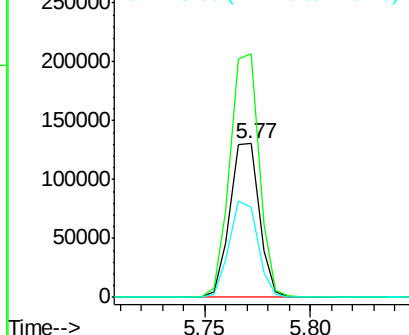
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.77 min Scan# 652
Delta R.T. 0.01 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 125503
Ion Ratio Lower Upper
152 100
150 158.4 126.2 189.2
115 58.7 52.2 78.2



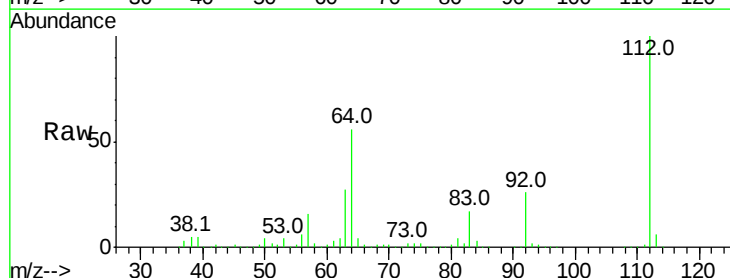
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



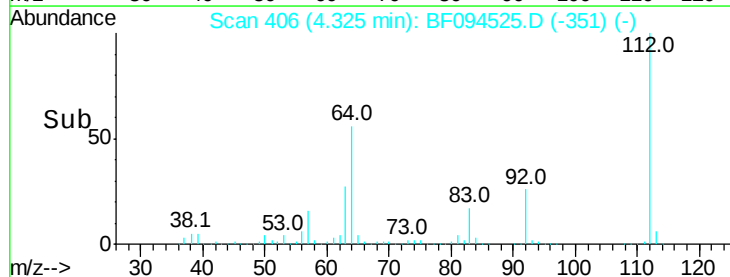
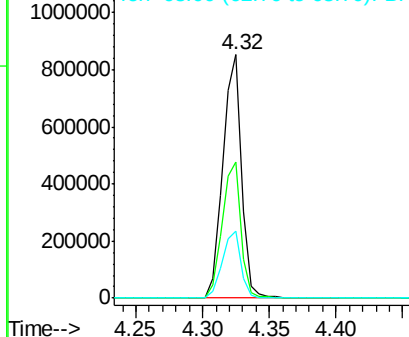
#5

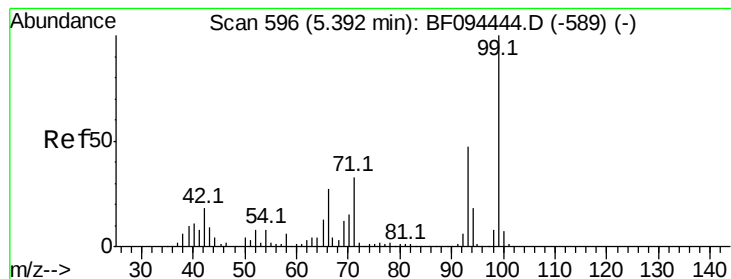
2-Fluorophenol
Concen: 111.44 ng
RT: 4.32 min Scan# 406
Delta R.T. 0.02 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Tgt Ion:112 Resp: 842972
Ion Ratio Lower Upper
112 100
64 55.8 46.0 69.0
63 27.5 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: 121.63 ng

RT: 5.40 min Scan# 588

Delta R.T. 0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

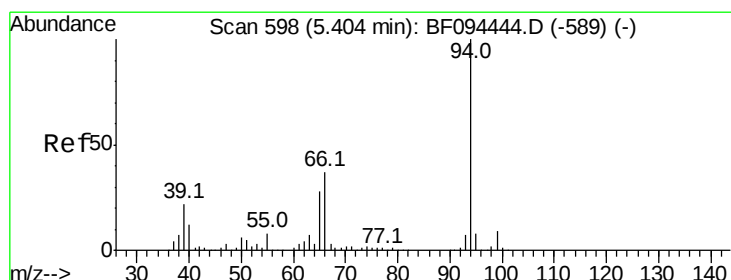
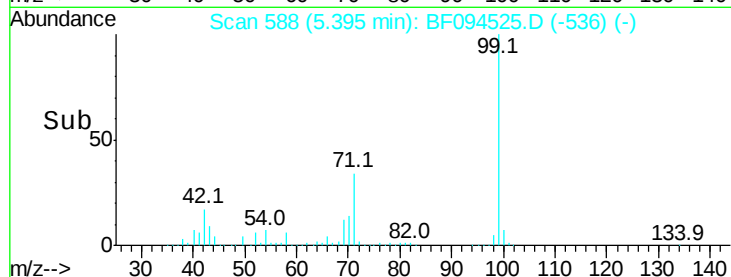
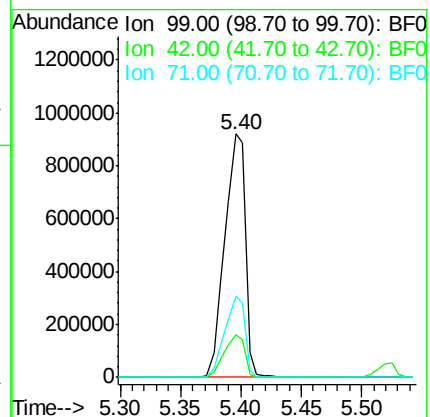
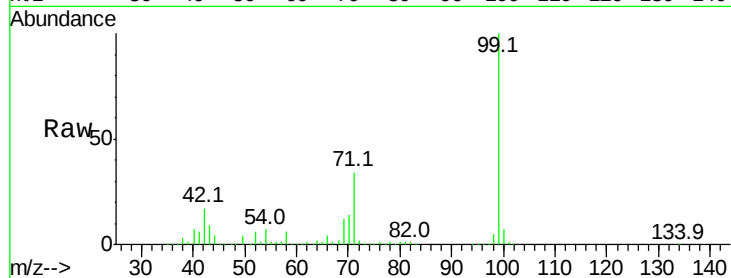
Tot Ion: 99 Resp: 1084713

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

71 33.5 24.5 36.7



#10

Phenol

Concen: 2.37 ng

RT: 5.41 min Scan# 590

Delta R.T. 0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

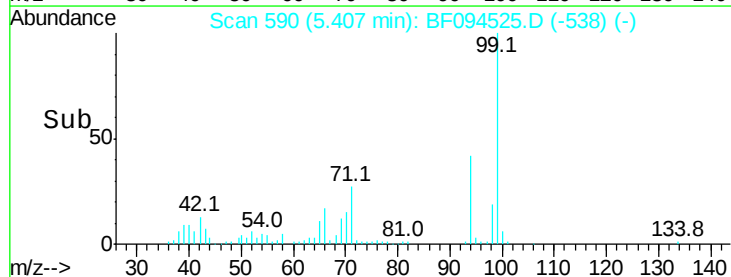
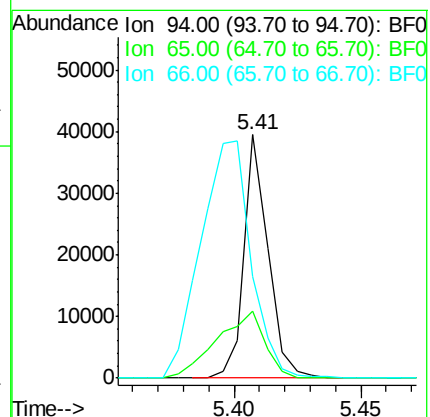
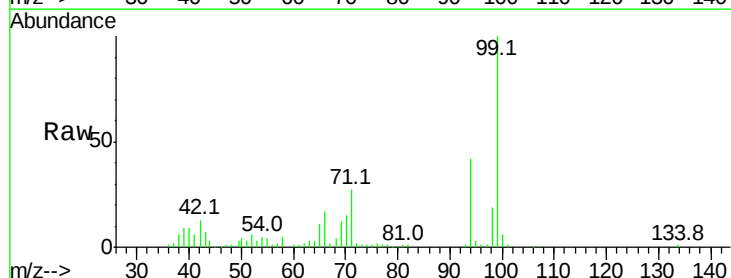
Tgt Ion: 94 Resp: 25973

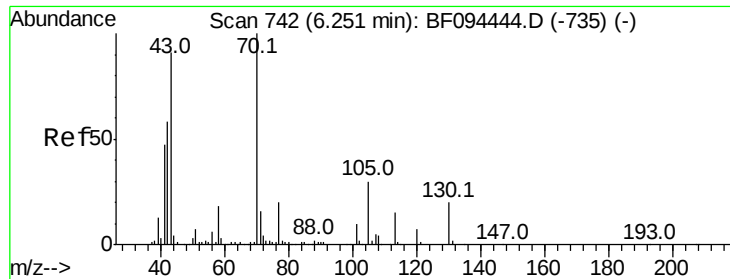
Ion Ratio Lower Upper

94 100

65 27.5 9.9 49.9

66 41.6 23.1 63.1

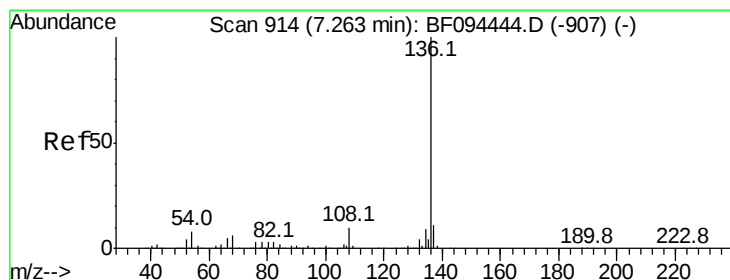
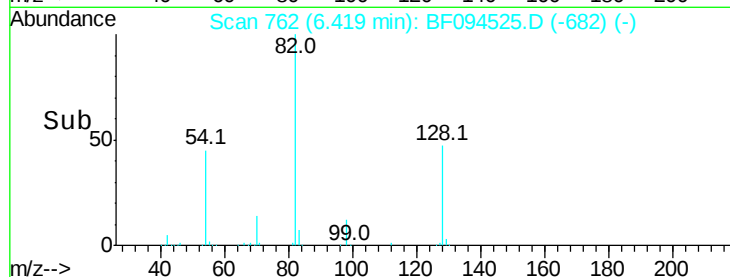
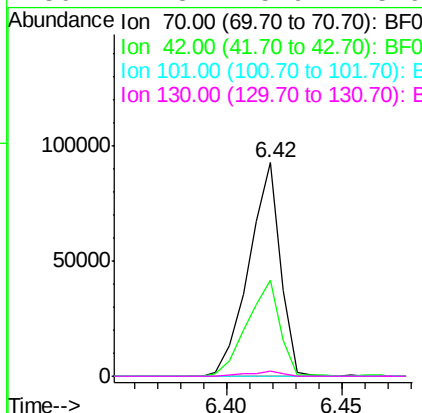
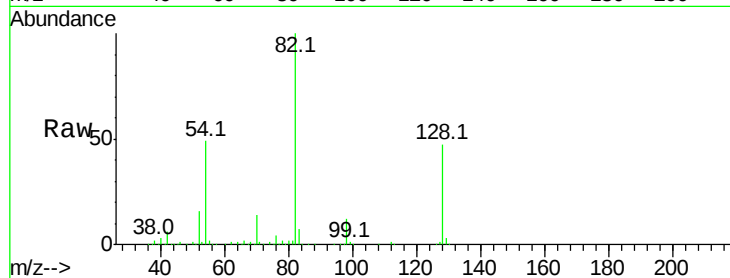




#19
 n-Nitroso-di-n-propylamine
 Concen: 14.97 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.17 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

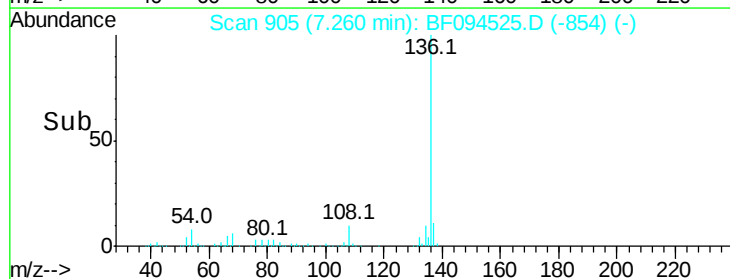
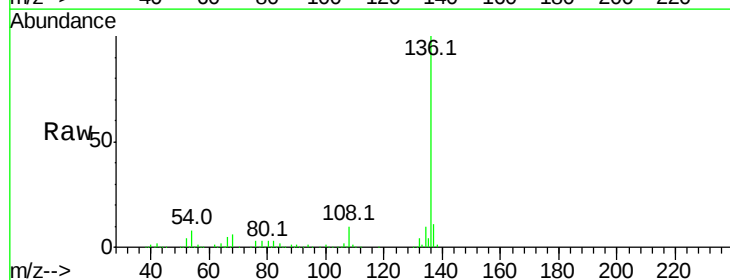
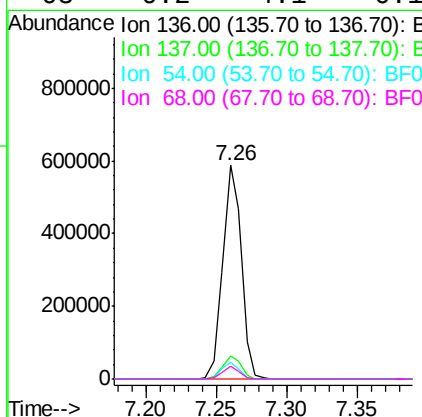
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 70 Resp: 88430
 Ion Ratio Lower Upper
 70 100
 42 45.3 47.2 70.8#
 101 0.0 7.2 10.8#
 130 2.3 15.9 23.9#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 7.26 min Scan# 905
 Delta R.T. -0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Tgt Ion:136 Resp: 537131
 Ion Ratio Lower Upper
 136 100
 137 11.0 8.5 12.7
 54 7.6 4.9 7.3#
 68 6.2 4.1 6.1#

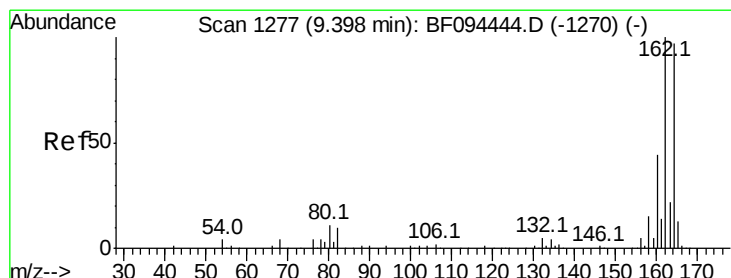
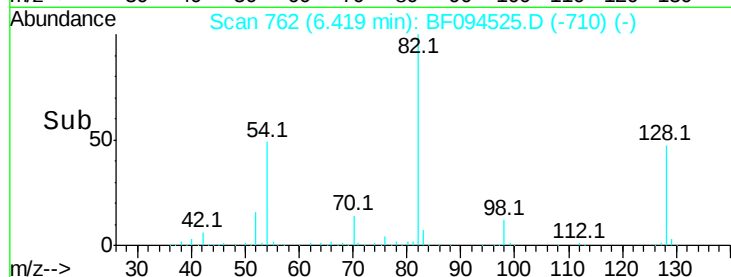
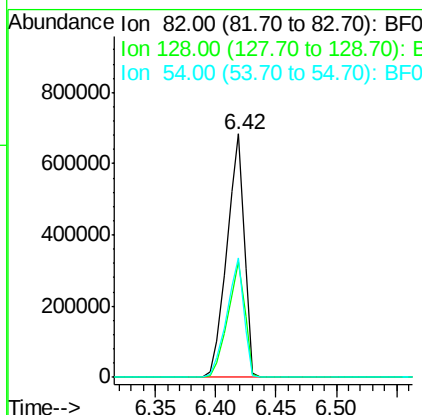
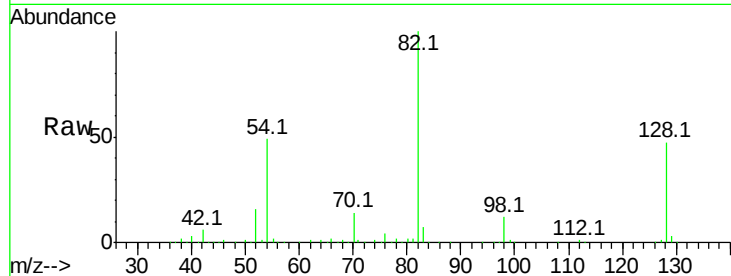




#23
 Nitrobenzene-d5
 Concen: 78.58 ng
 RT: 6.42 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

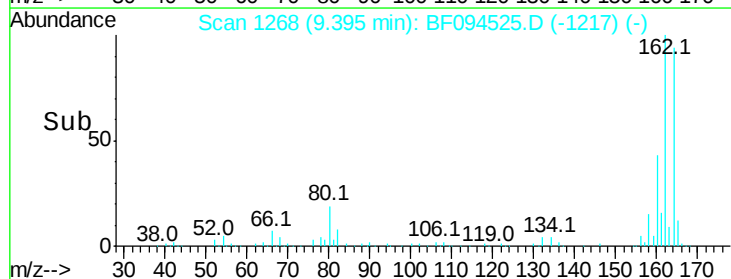
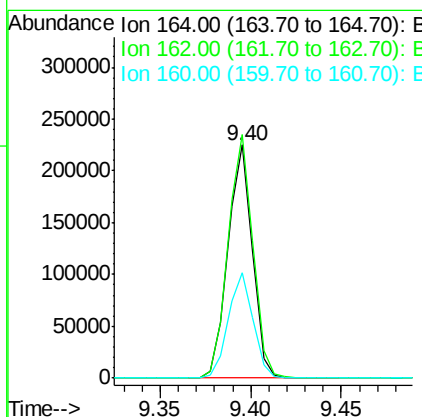
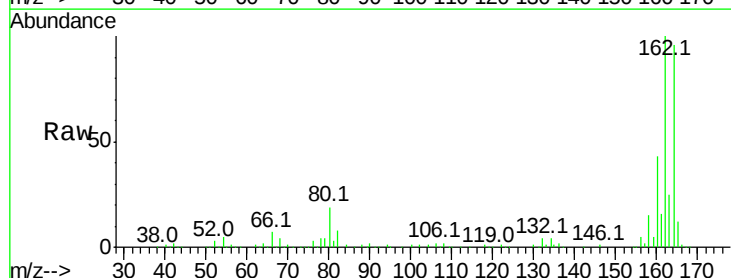
Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	49.0	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.40 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.6	82.6	123.8
160	45.0	36.2	54.2

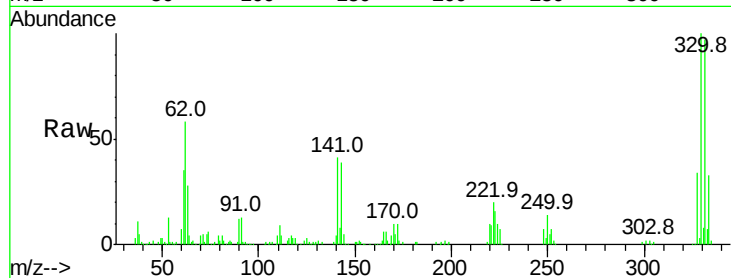




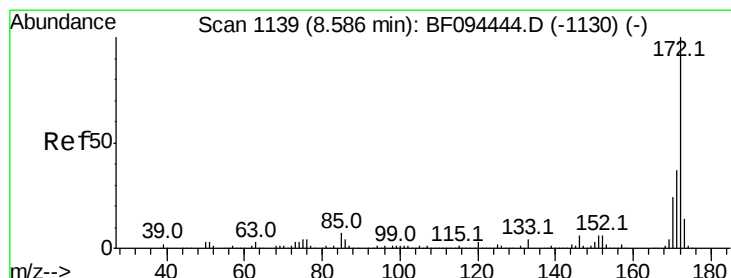
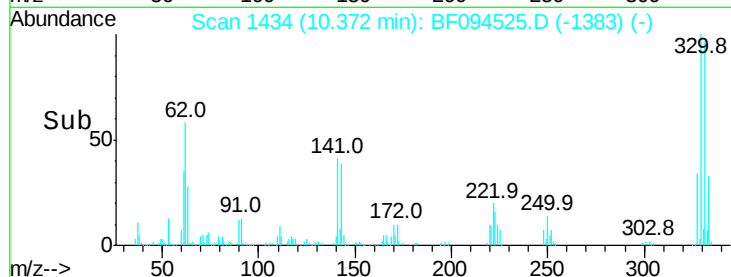
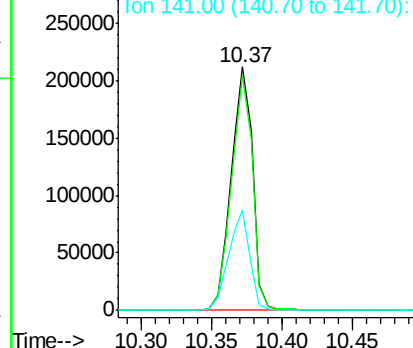
#41
 2,4,6-Tribromophenol
 Concen: 135.34 ng
 RT: 10.37 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	40.4	31.4	47.2

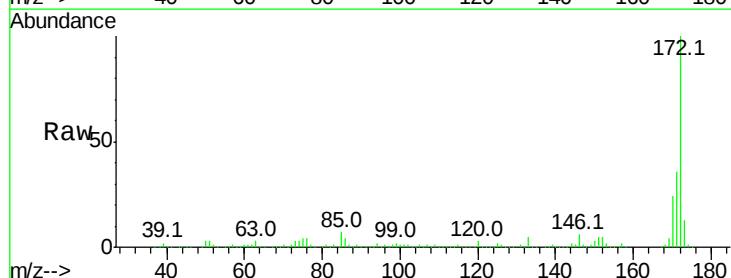


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

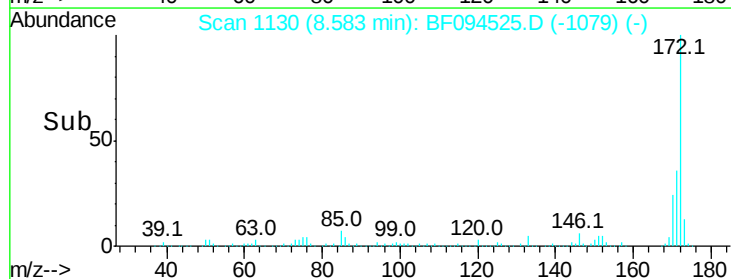
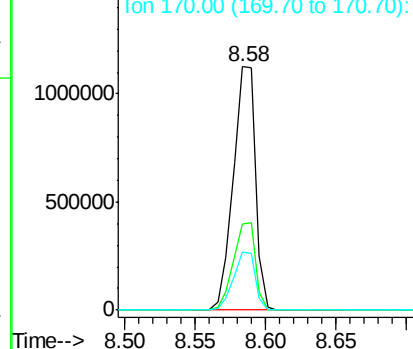


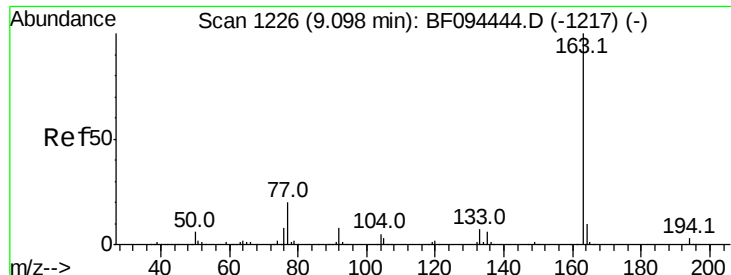
#44
 2-Fluorobiphenyl
 Concen: 85.72 ng
 RT: 8.58 min Scan# 1130
 Delta R.T. -0.00 min
 Lab File: BF094525.D
 Acq: 19 Apr 2017 19:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	23.9	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

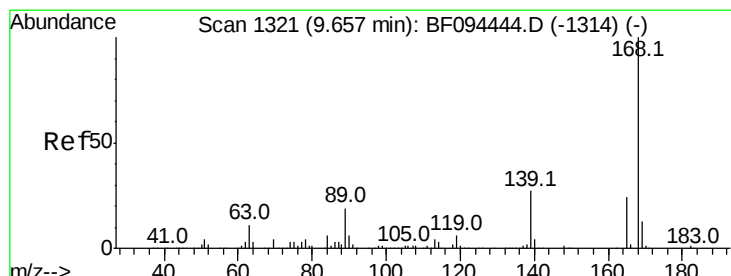
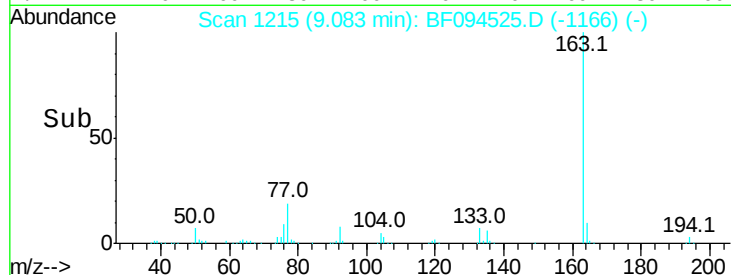
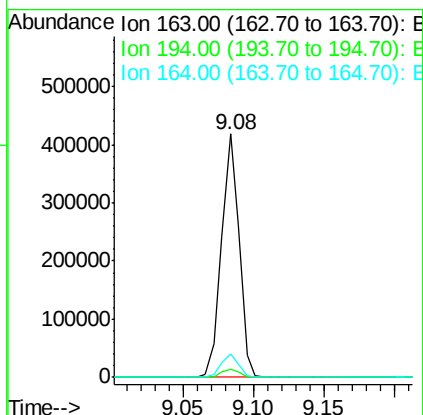
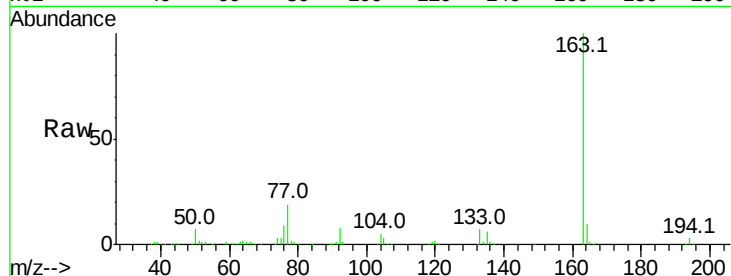




#49
Dimethylphthalate
Concen: 23.04 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

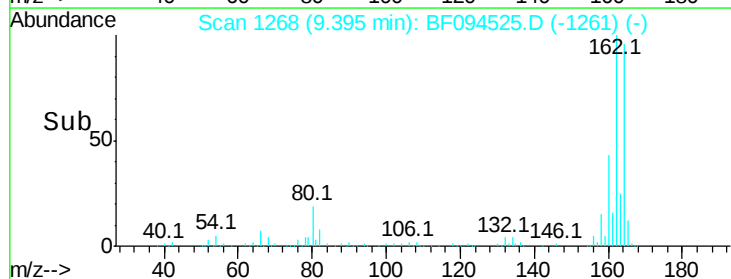
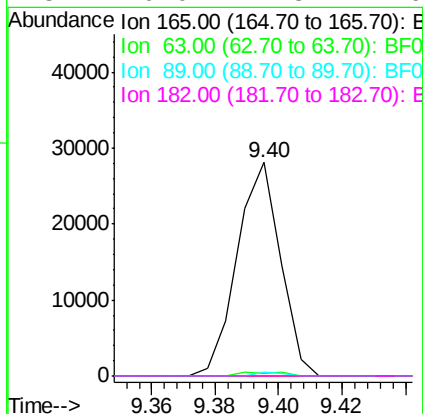
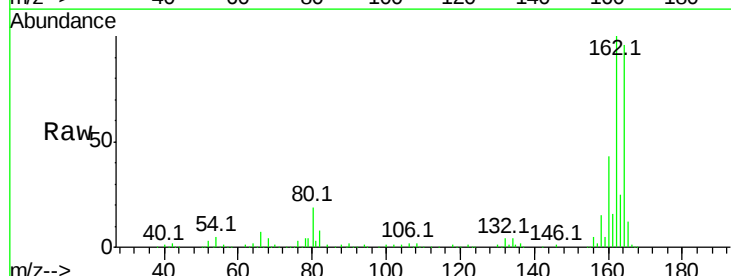
Instrument :
BNA_F
ClientSampleId :

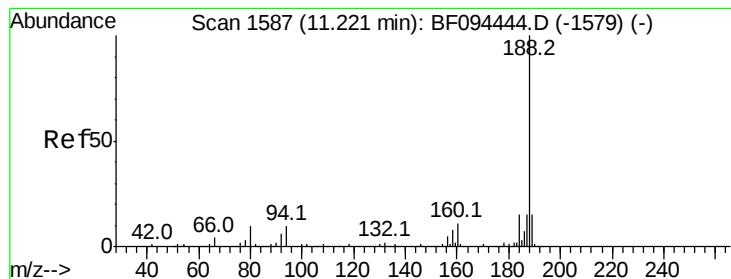
Tot Ion:163 Resp: 362769
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.9 8.4 12.6



#56
2,4-Dinitrotoluene
Concen: 6.12 ng
RT: 9.40 min Scan# 1268
Delta R.T. -0.26 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Tgt Ion:165 Resp: 26535
Ion Ratio Lower Upper
165 100
63 1.1 25.4 38.0#
89 1.7 46.4 69.6#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

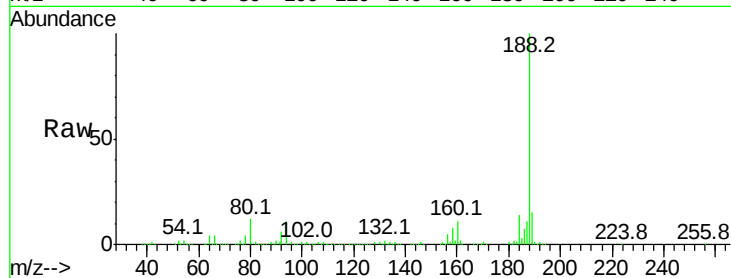
Tot Ion:188 Resp: 404891

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

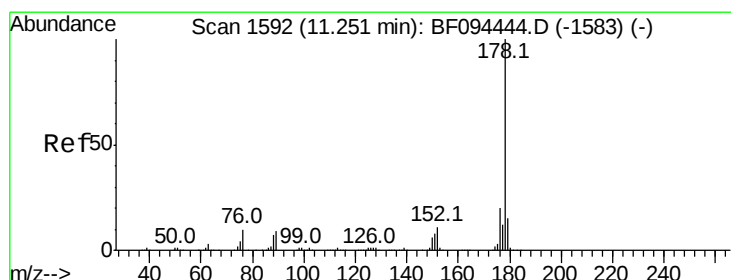
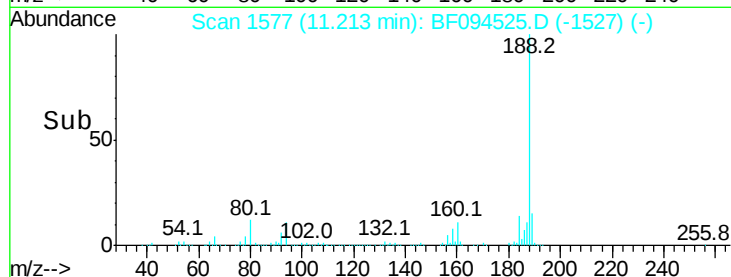
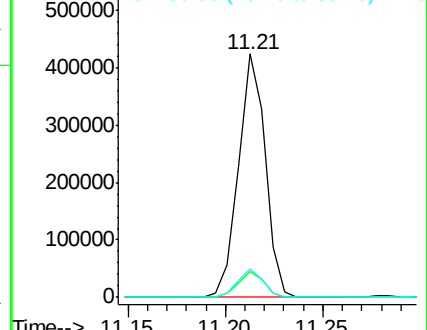
80 11.7 10.2 15.2



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: 2.28 ng

RT: 11.24 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

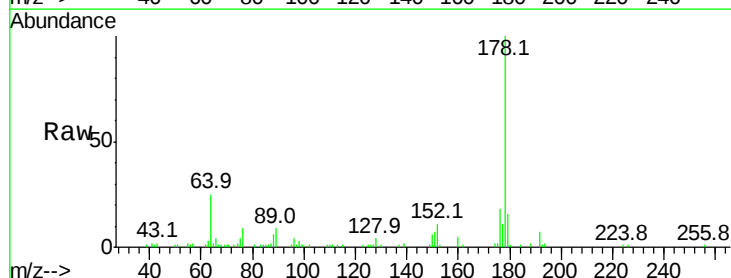
Tgt Ion:178 Resp: 51953

Ion Ratio Lower Upper

178 100

176 18.4 16.2 24.4

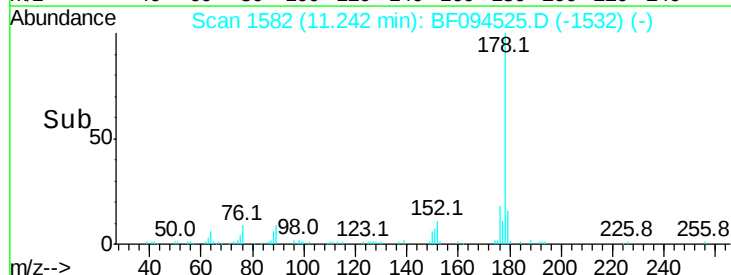
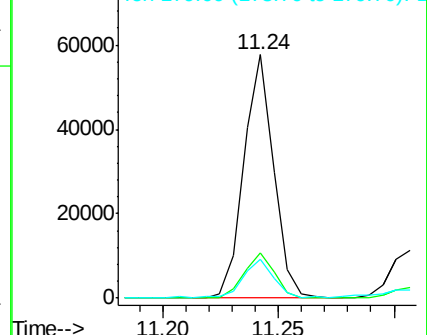
179 16.0 12.6 19.0

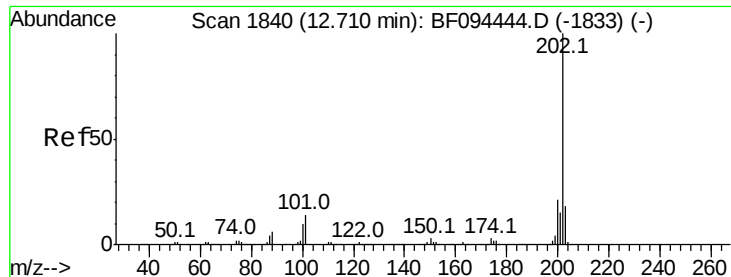


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 3.18 ng

RT: 12.71 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

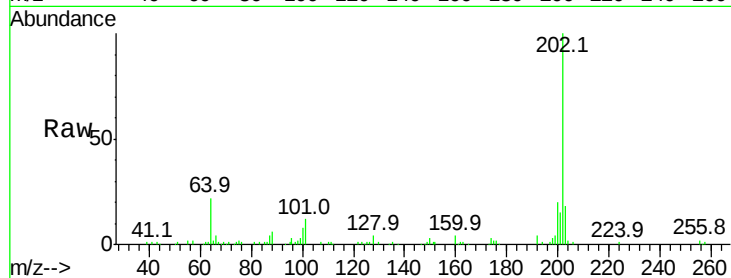
Tot Ion:202 Resp: 75157

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

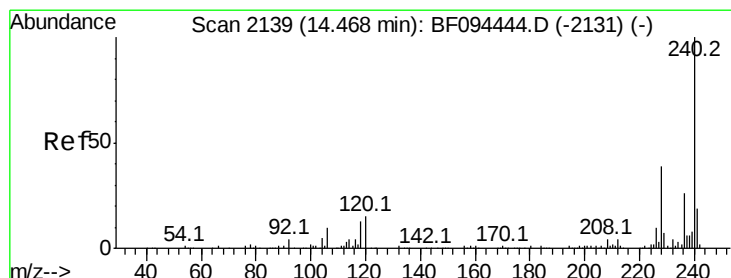
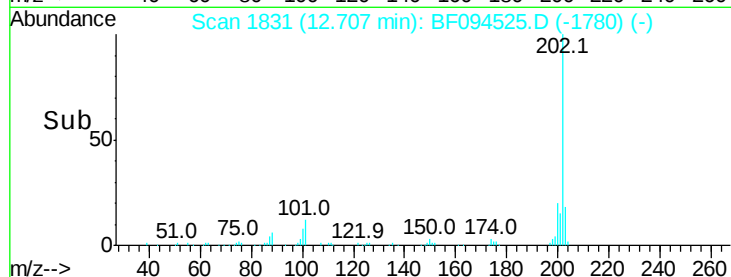
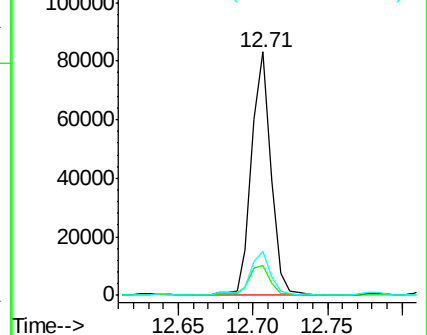
203 17.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.46 min Scan# 2129

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

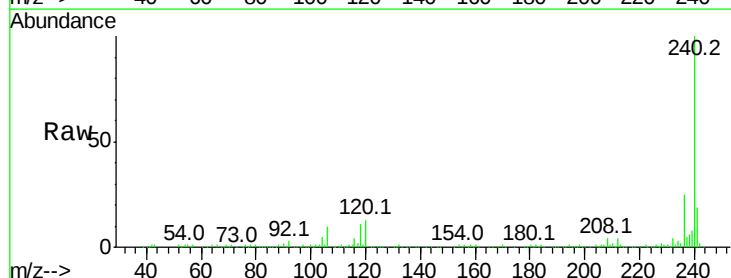
Tgt Ion:240 Resp: 279803

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

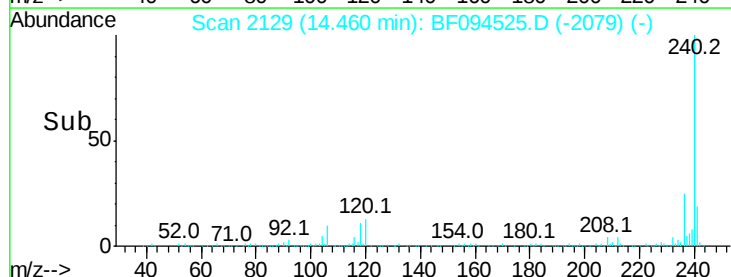
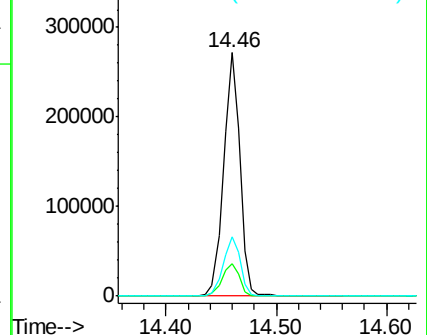
236 24.6 20.5 30.7

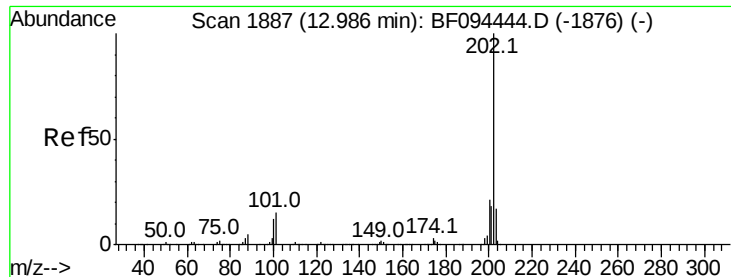


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.74 ng

RT: 12.98 min Scan# 1877

Delta R.T. -0.01 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

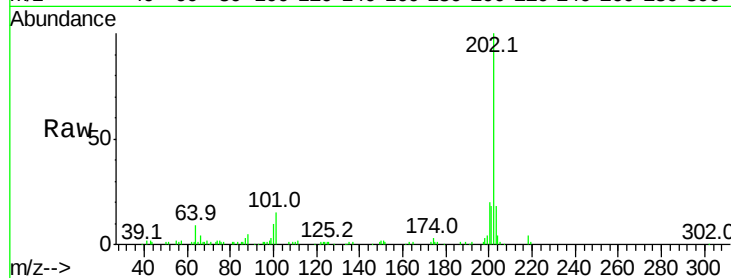
Tot Ion:202 Resp: 73149

Ion Ratio Lower Upper

202 100

200 19.6 17.6 26.4

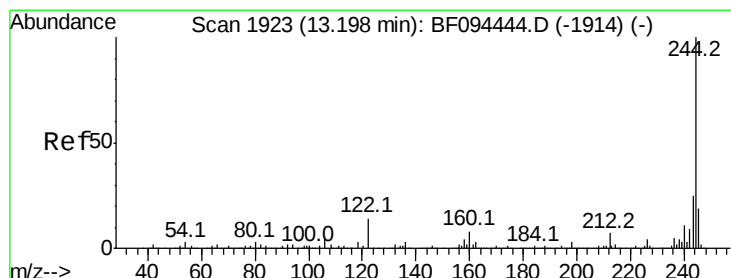
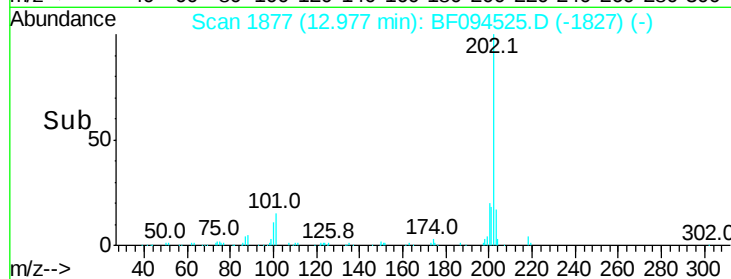
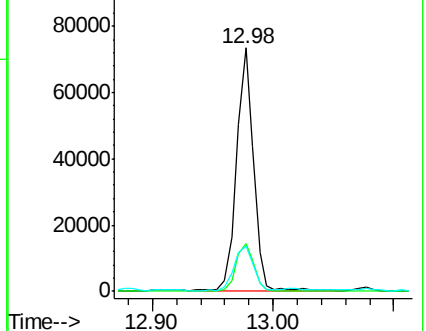
203 18.3 14.4 21.6



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: 92.69 ng

RT: 13.19 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

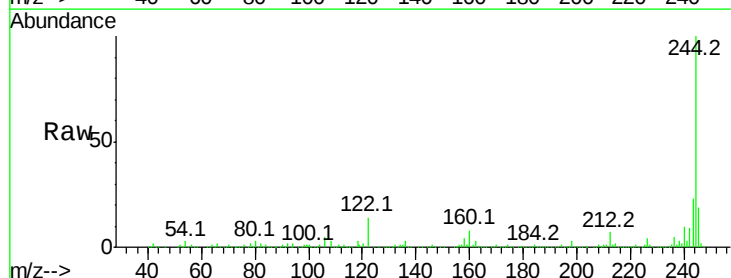
Tgt Ion:244 Resp: 970285

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

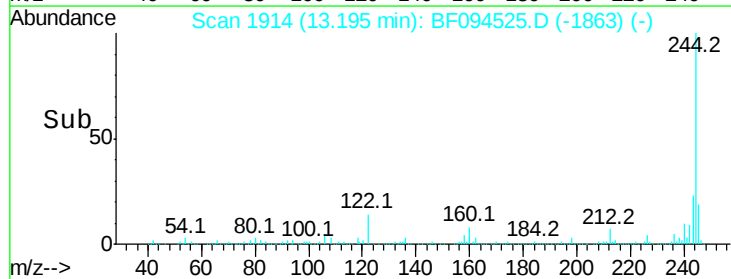
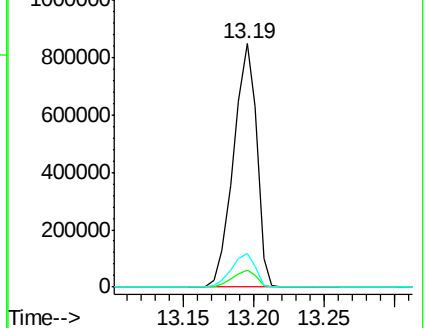
122 13.9 10.3 15.5

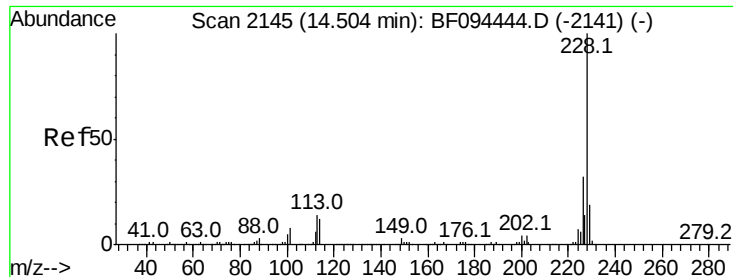


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

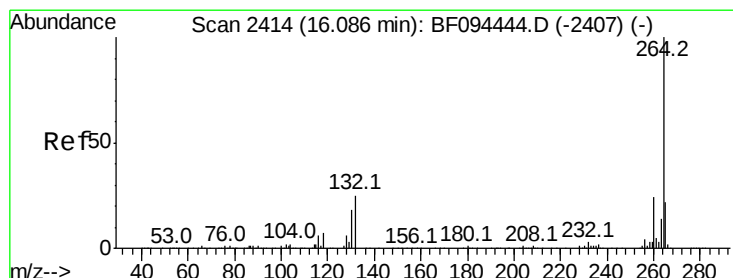
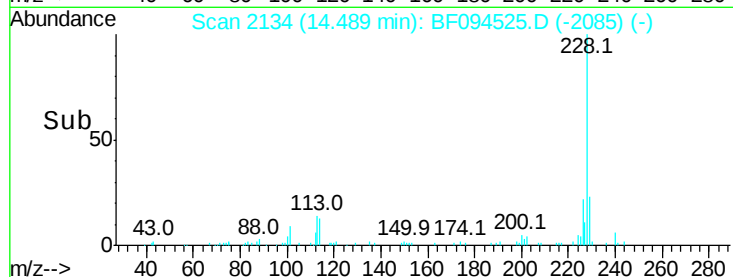
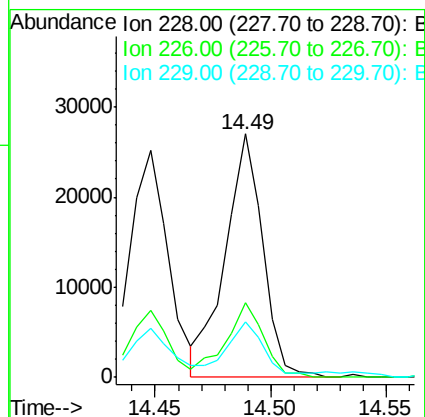
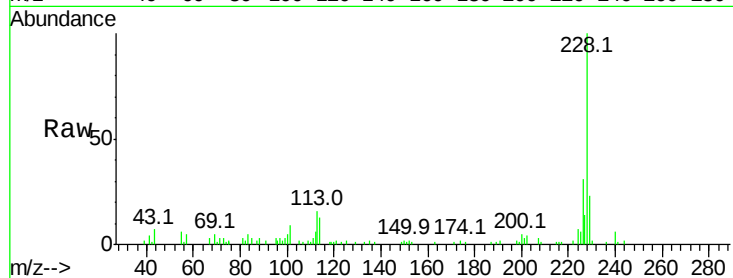




#82
Chrysene
Concen: 2.06 ng
RT: 14.49 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

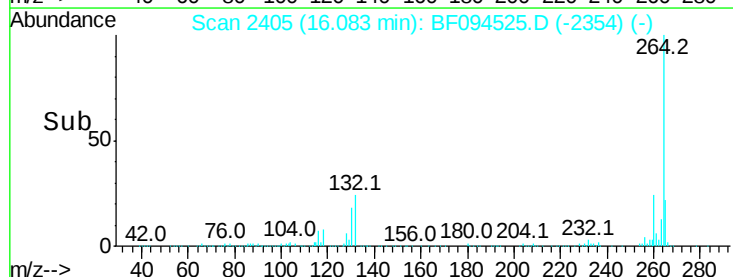
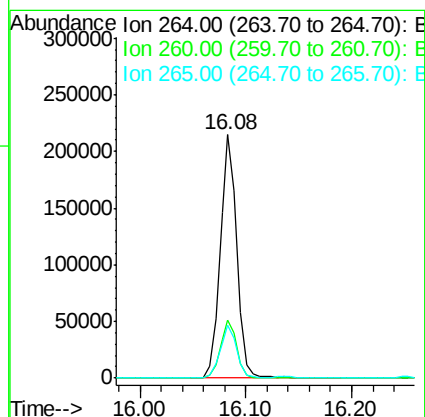
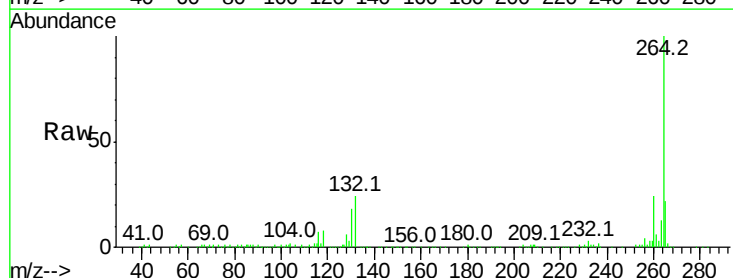
Instrument :
BNA_F
ClientSampleId :

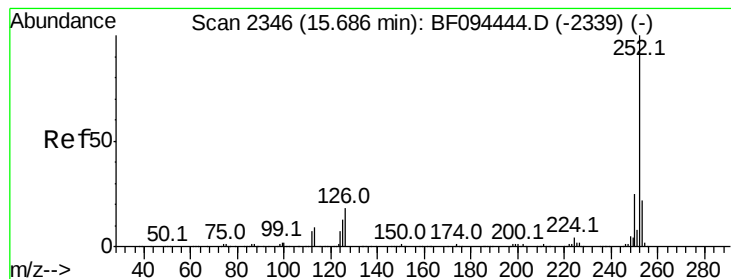
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.9	37.3
229	23.0	15.8	23.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 16.08 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BF094525.D
Acq: 19 Apr 2017 19:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.86 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

Instrument :

BNA_F

ClientSampleId :

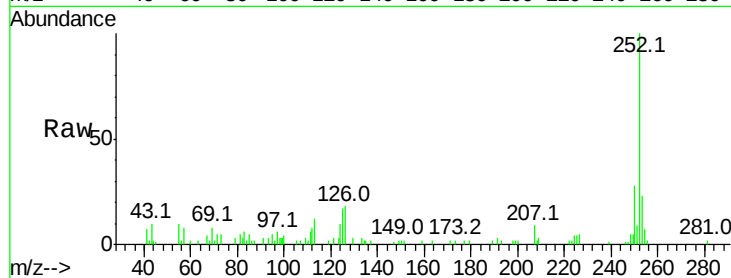
Tot Ion:252 Resp: 41800

Ion Ratio Lower Upper

252 100

253 22.9 18.1 27.1

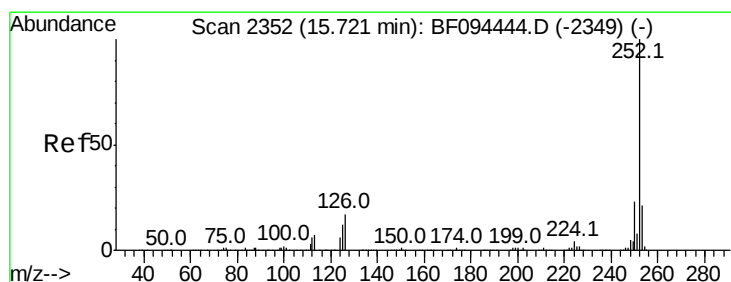
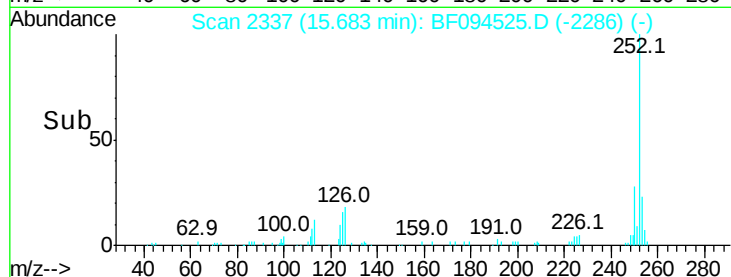
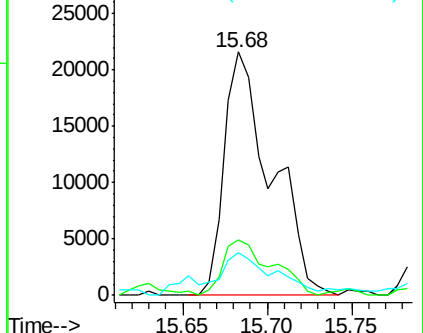
125 17.3 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 3.03 ng

RT: 15.68 min Scan# 2337

Delta R.T. -0.04 min

Lab File: BF094525.D

Acq: 19 Apr 2017 19:36

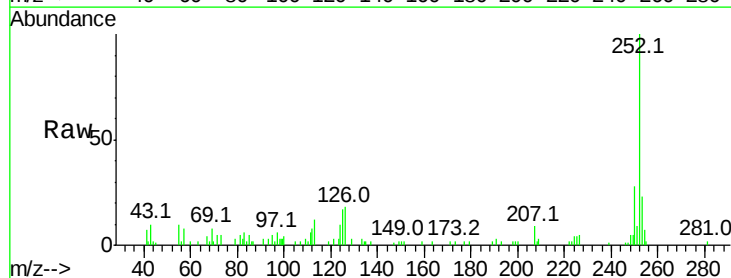
Tgt Ion:252 Resp: 41800

Ion Ratio Lower Upper

252 100

253 22.9 18.4 27.6

125 17.3 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

