

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092510.D
 Acq On : 26 Jan 2017 8:01
 Operator : SJ/MA
 Sample : PB96282TB
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96282TB

Quant Time: Jan 26 17:01:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	147773	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	603273	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	299603	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	503744	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	343647	20.00	ng	-0.02
86) Perylene-d12	15.62	264	293412	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1114926	117.39	ng	0.01
7) Phenol-d6	6.59	99	1425470	117.82	ng	0.00
23) Nitrobenzene-d5	7.53	82	812987	73.61	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	259498	127.10	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1434681	88.55	ng	-0.01
78) Terphenyl-d14	13.10	244	1348792	104.52	ng	-0.01

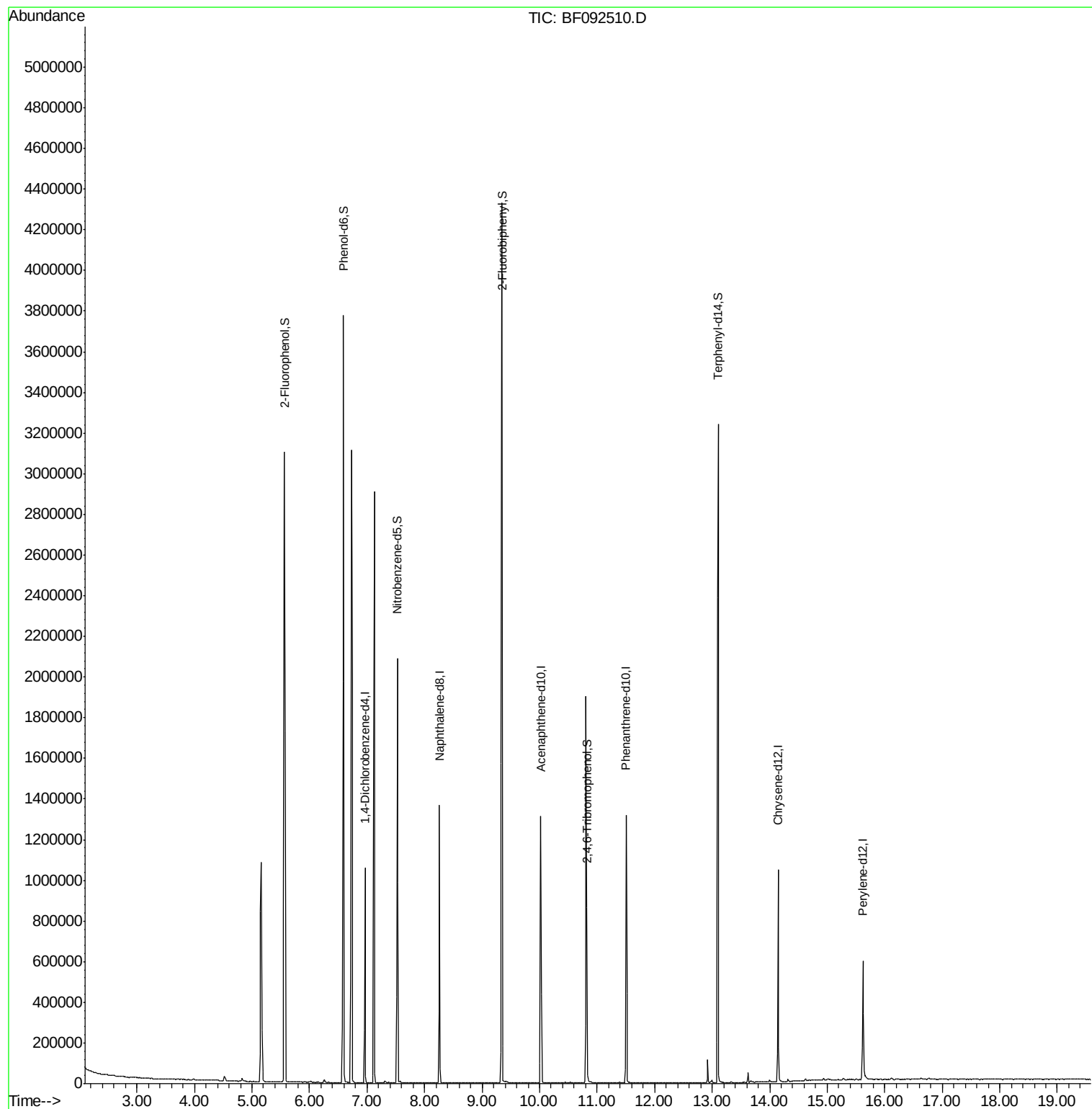
Target Compounds Qvalue

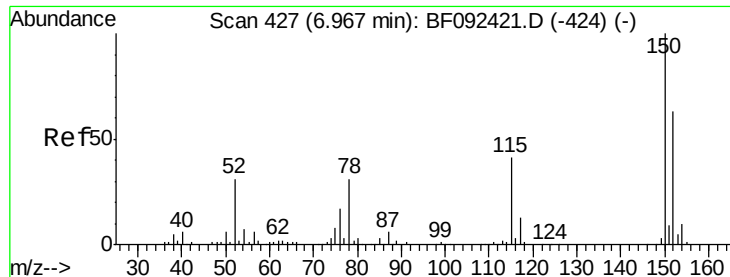
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
Data File : BF092510.D
Acq On : 26 Jan 2017 8:01
Operator : SJ/MA
Sample : PB96282TB
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB96282TB

Quant Time: Jan 26 17:01:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



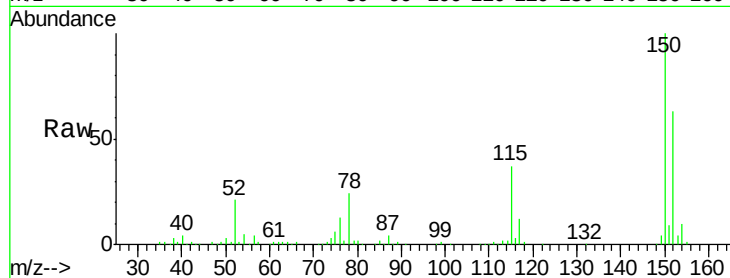


#1

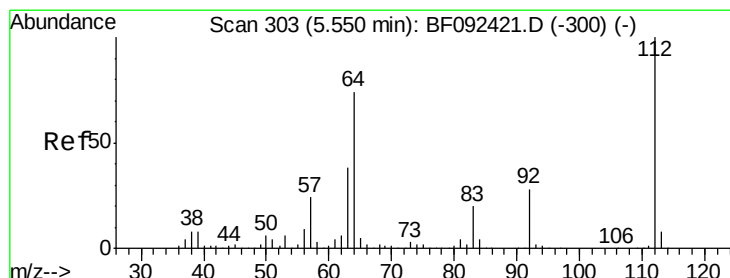
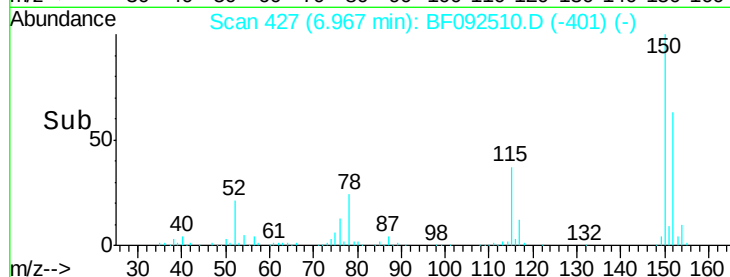
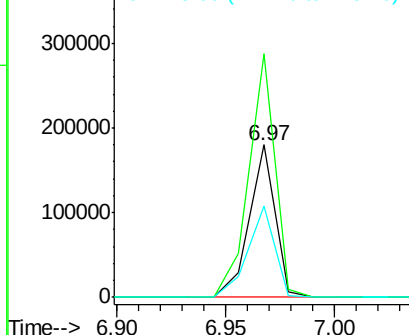
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092510.D
Acq: 26 Jan 2017 8:01

Instrument :
BNA_F
ClientSampleId :
PB96282TB

Tot Ion:152 Resp: 147773
Ion Ratio Lower Upper
152 100
150 159.7 124.9 187.3
115 59.7 46.0 69.0



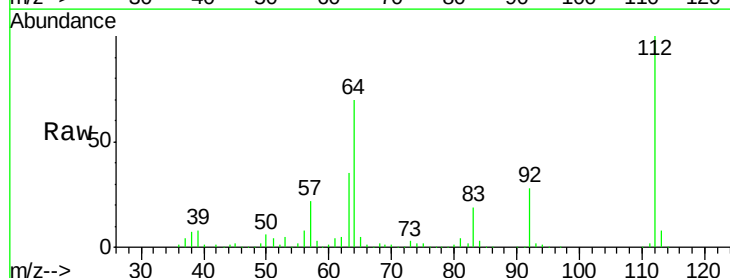
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



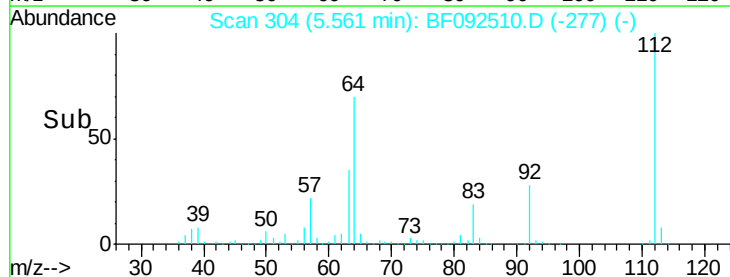
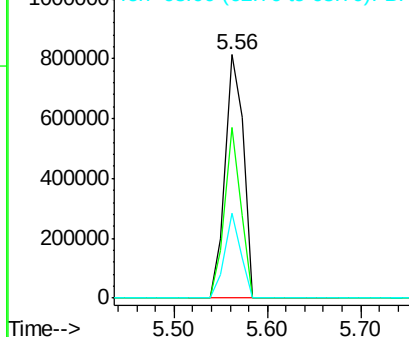
#5

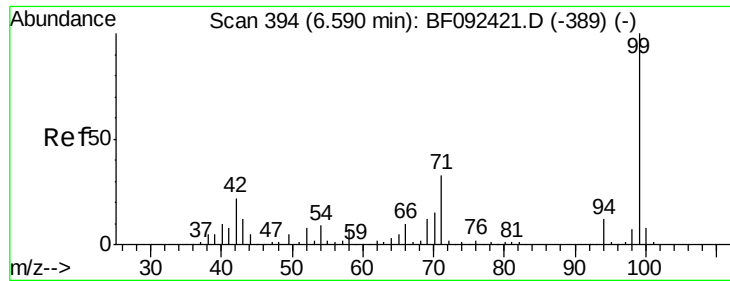
2-Fluorophenol
Concen: 117.39 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092510.D
Acq: 26 Jan 2017 8:01

Tgt Ion:112 Resp: 1114926
Ion Ratio Lower Upper
112 100
64 69.9 46.1 69.1#
63 34.8 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: 117.82 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

Instrument :

BNA_F

ClientSampleId :

PB96282TB

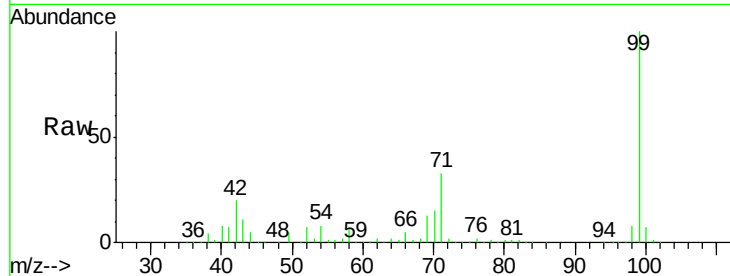
Tot Ion: 99 Resp: 1425470

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

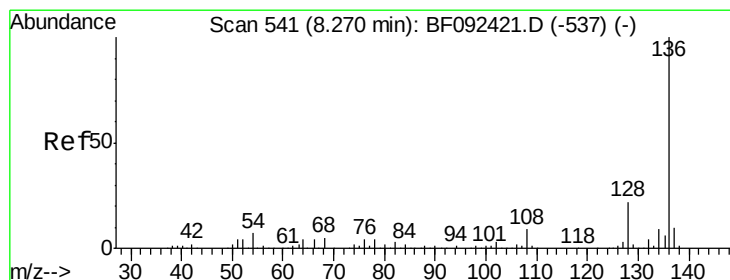
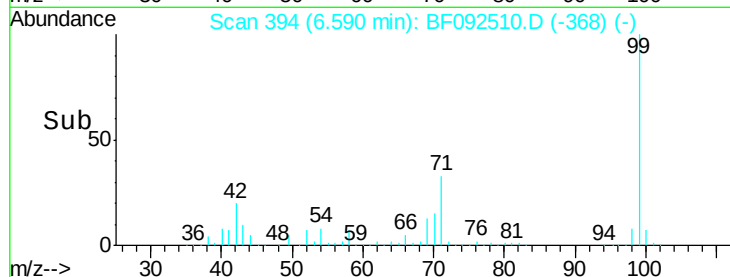
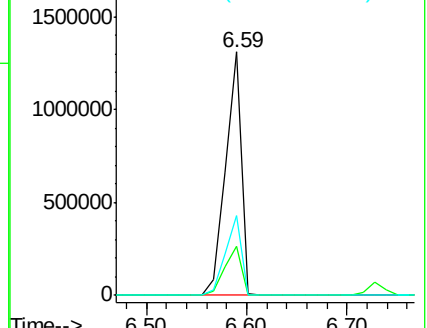
71 32.8 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

Tgt Ion: 136 Resp: 603273

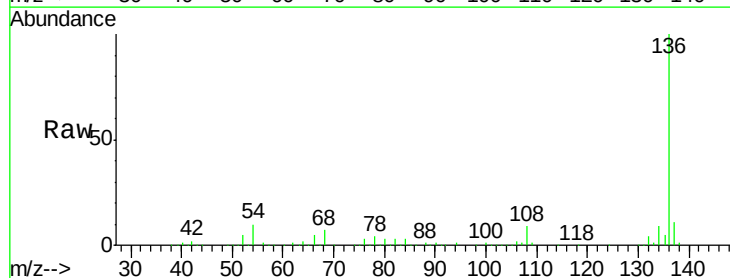
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 9.6 4.5 6.7#

68 6.6 3.6 5.4#

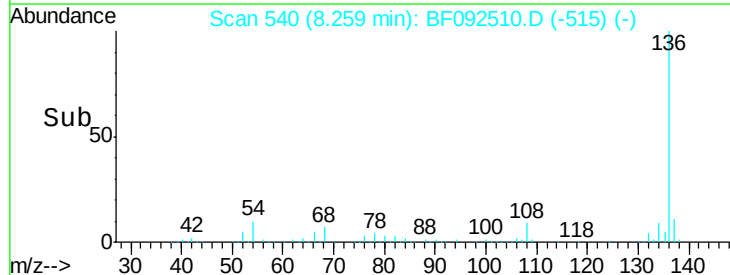
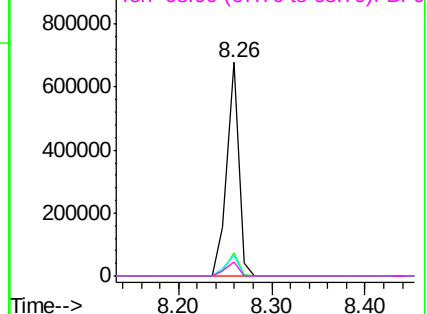


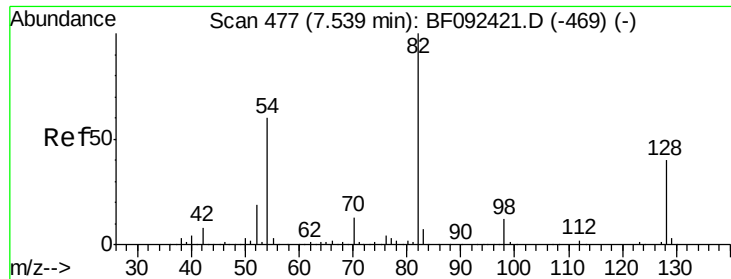
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

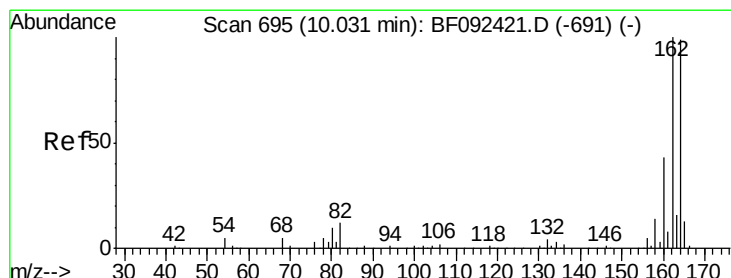
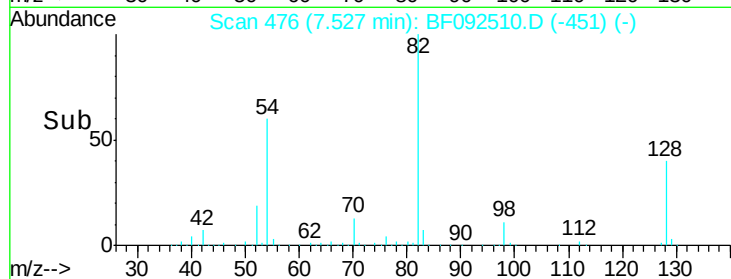
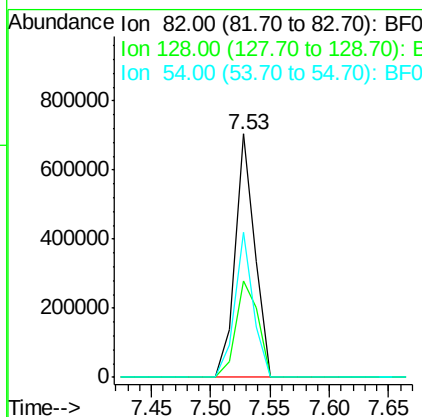
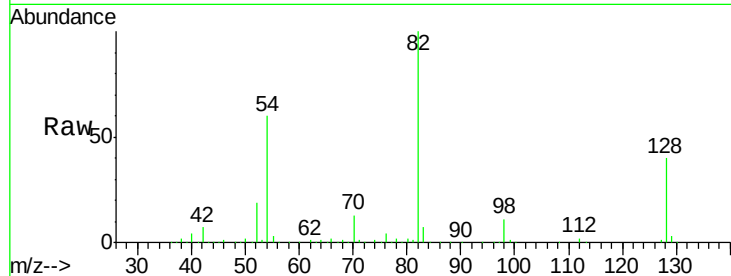




#23
 Nitrobenzene-d5
 Concen: 73.61 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092510.D
 Acq: 26 Jan 2017 8:01

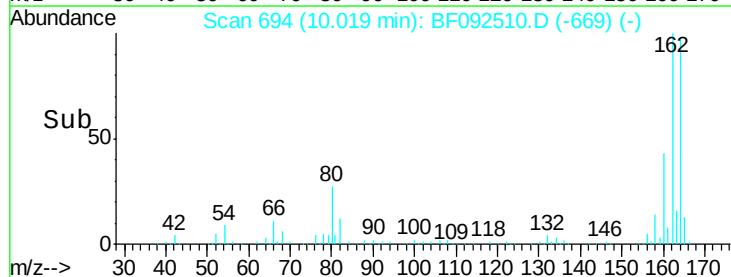
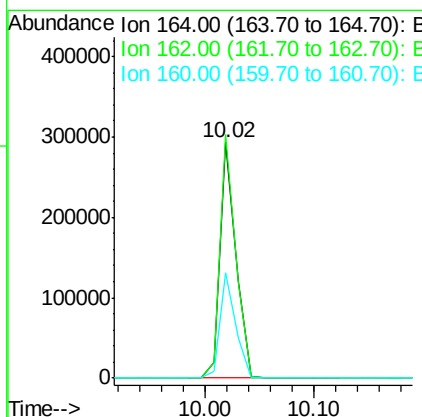
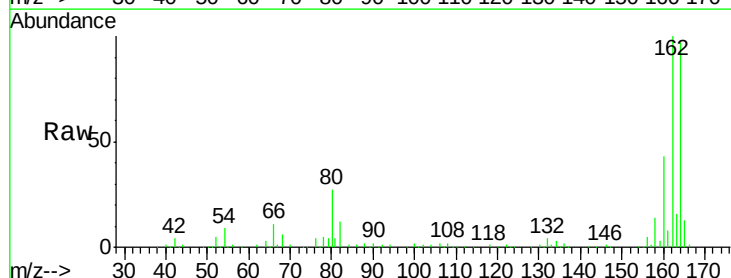
Instrument :
 BNA_F
 ClientSampleId :
 PB96282TB

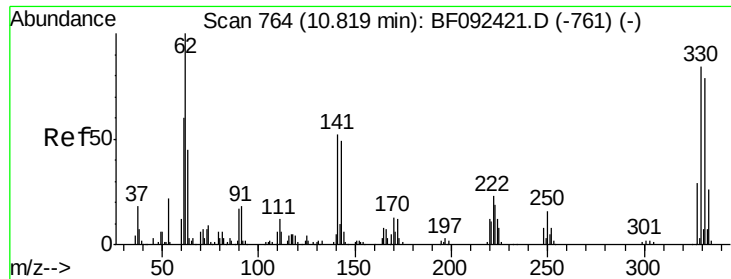
Tot Ion: 82 Resp: 812987
 Ion Ratio Lower Upper
 82 100
 128 39.8 34.6 52.0
 54 59.5 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092510.D
 Acq: 26 Jan 2017 8:01

Tgt Ion: 164 Resp: 299603
 Ion Ratio Lower Upper
 164 100
 162 103.4 80.2 120.2
 160 44.5 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 127.10 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.00 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

Instrument :

BNA_F

ClientSampleId :

PB96282TB

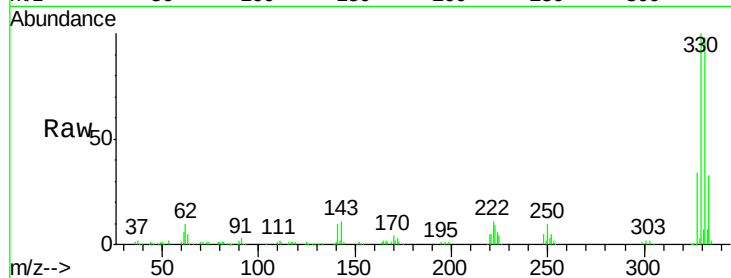
Tot Ion:330 Resp: 259498

Ion Ratio Lower Upper

330 100

332 96.5 77.4 116.2

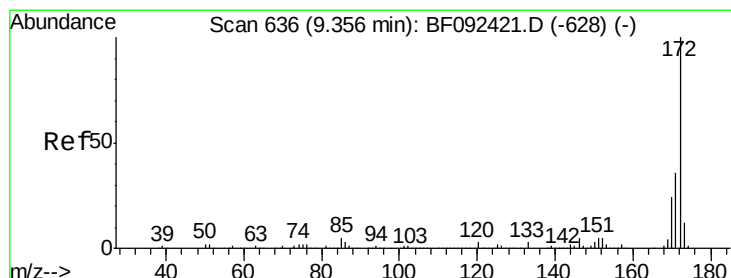
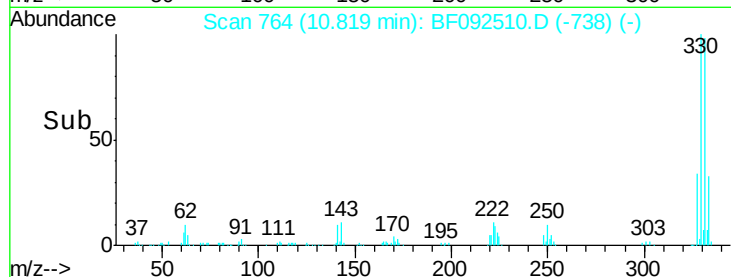
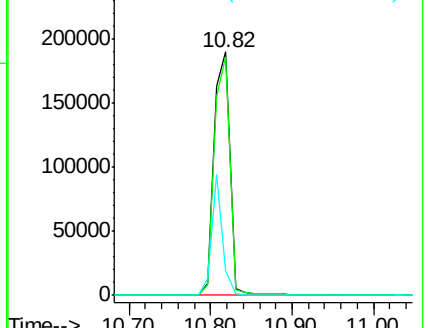
141 34.9 34.1 51.1



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: 88.55 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

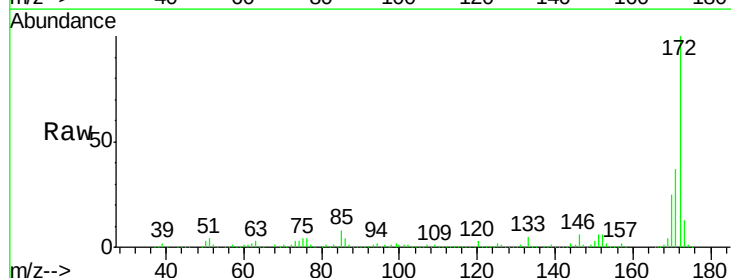
Tgt Ion:172 Resp: 1434681

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

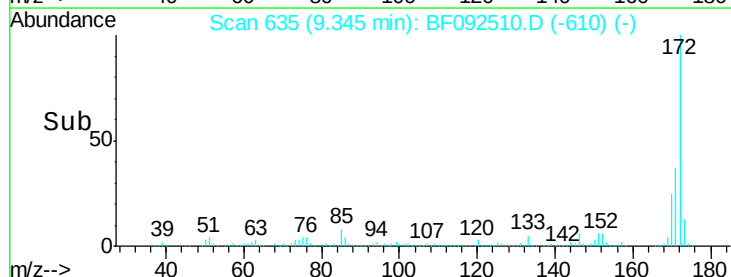
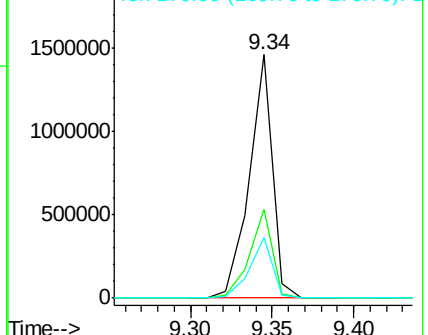
170 24.7 20.2 30.4

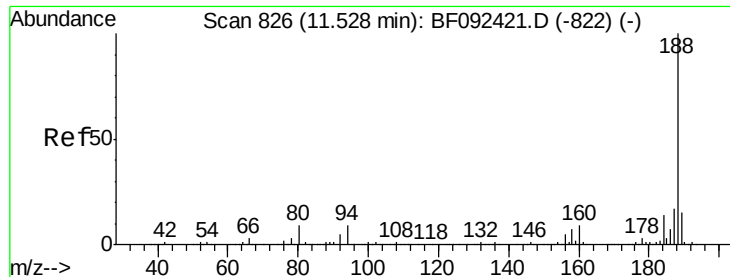


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

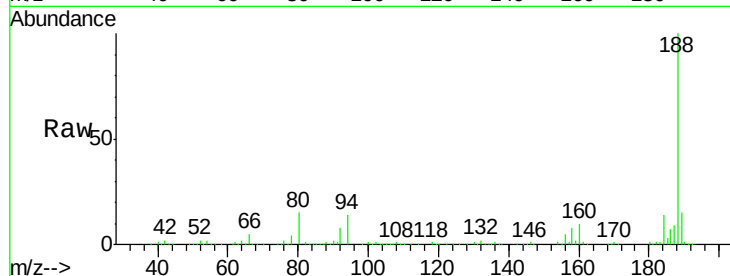




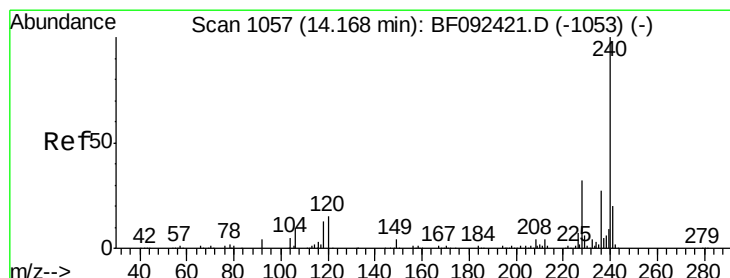
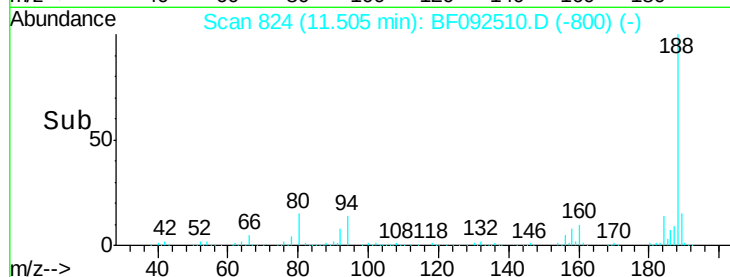
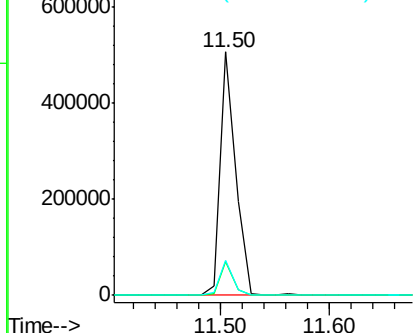
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092510.D
Acq: 26 Jan 2017 8:01

Instrument :
BNA_F
ClientSampleId :
PB96282TB

Tot Ion:188 Resp: 503744
Ion Ratio Lower Upper
188 100
94 13.7 10.0 15.0
80 14.6 11.2 16.8

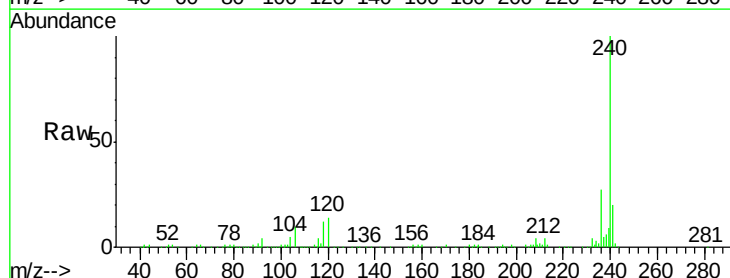


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

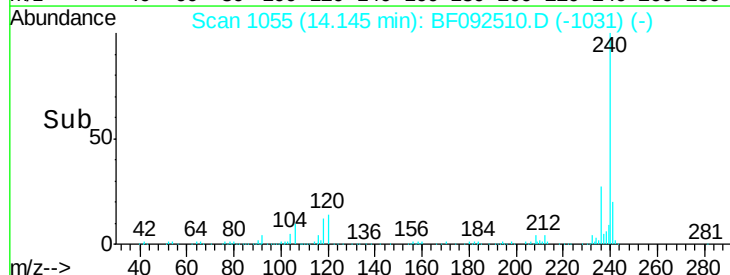
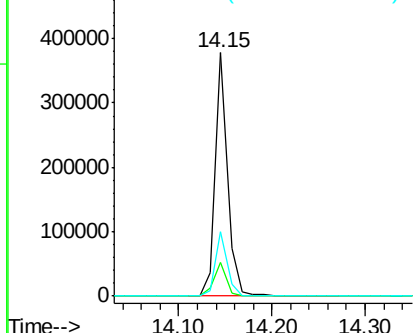


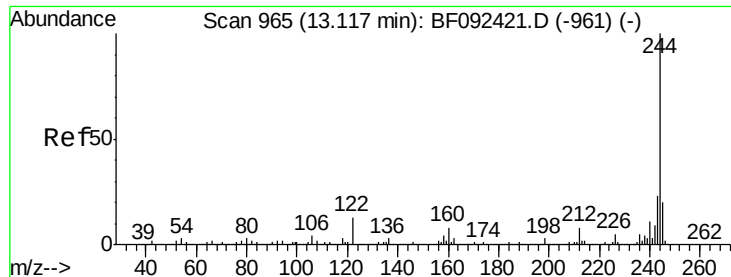
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092510.D
Acq: 26 Jan 2017 8:01

Tgt Ion:240 Resp: 343647
Ion Ratio Lower Upper
240 100
120 14.1 12.9 19.3
236 26.7 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





#78

Terphenyl-d14

Concen: 104.52 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

Instrument :

BNA_F

ClientSampleId :

PB96282TB

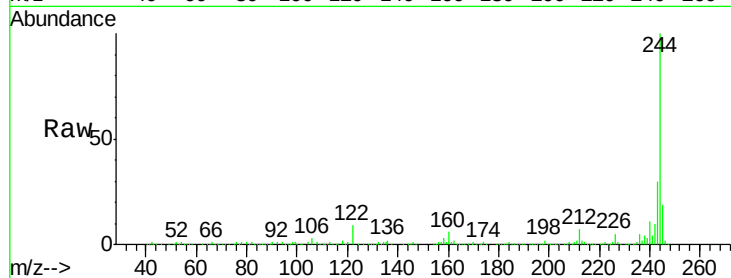
Tot Ion:244 Resp: 1348792

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

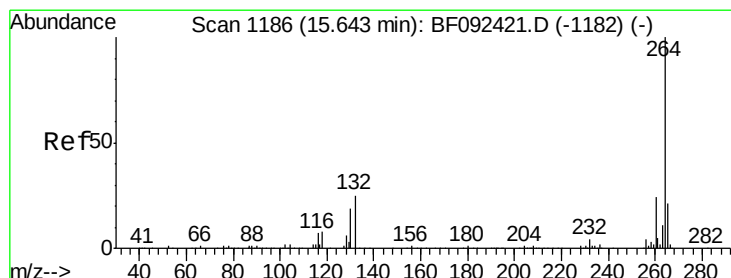
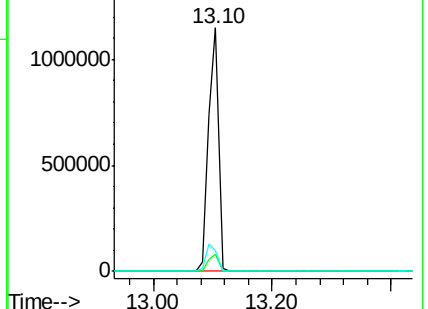
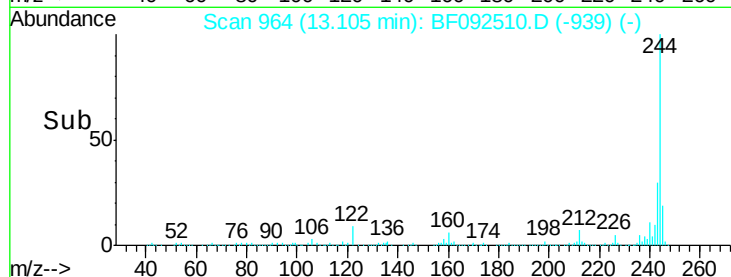
122 8.8 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092510.D

Acq: 26 Jan 2017 8:01

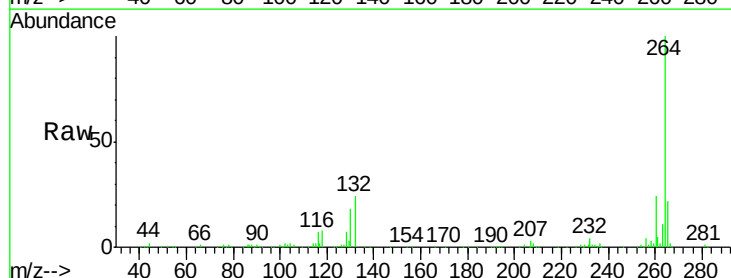
Tgt Ion:264 Resp: 293412

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

