

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092476.D
 Acq On : 25 Jan 2017 15:05
 Operator : SJ/MA
 Sample : PB96241BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BL

Quant Time: Jan 25 18:00:24 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	184137	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	754024	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	391062	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	660798	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	560692	20.00	ng	-0.02
86) Perylene-d12	15.63	264	433954	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1345688	113.70	ng	0.02
7) Phenol-d6	6.59	99	1614893	107.12	ng	0.00
23) Nitrobenzene-d5	7.53	82	1033624	74.88	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	364306	136.70	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1875441	88.68	ng	-0.01
78) Terphenyl-d14	13.11	244	1567332	74.44	ng	-0.01

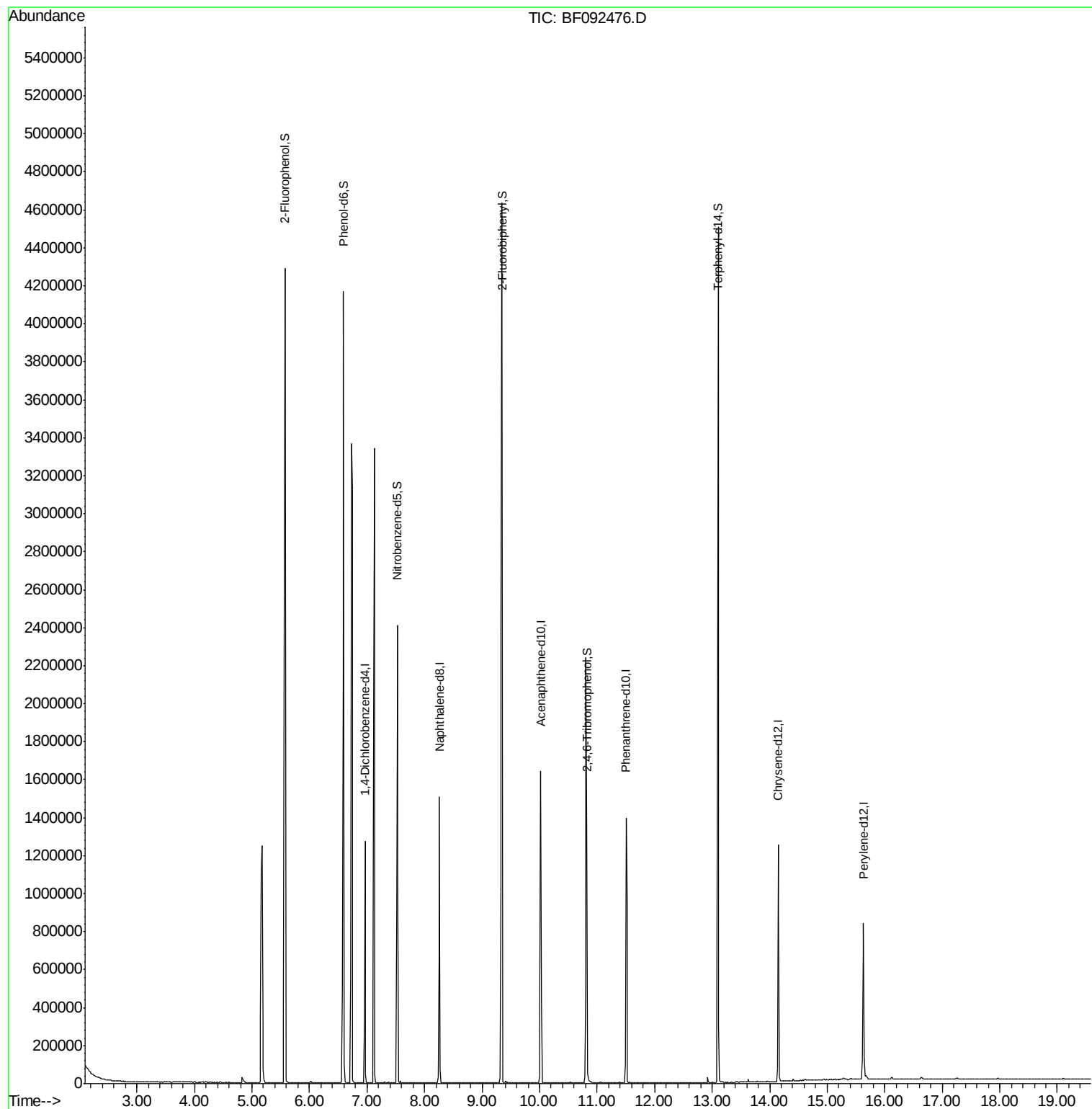
Target Compounds Qvalue

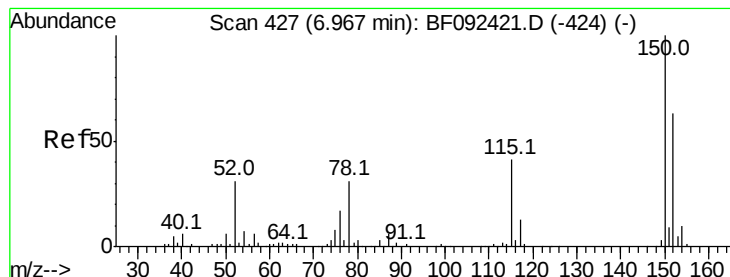
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

PB96241BL

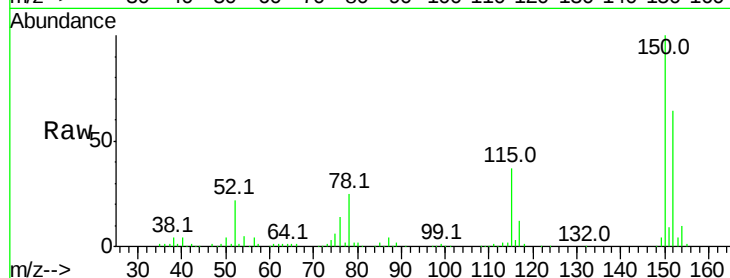
Tot Ion:152 Resp: 184137

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

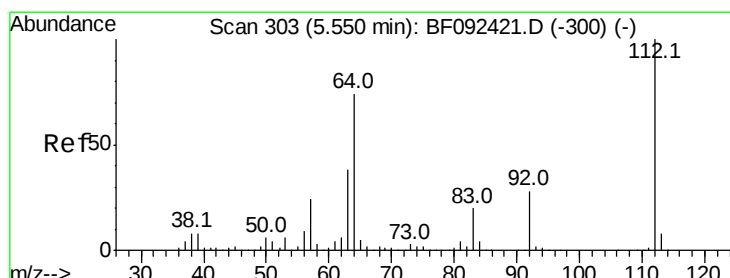
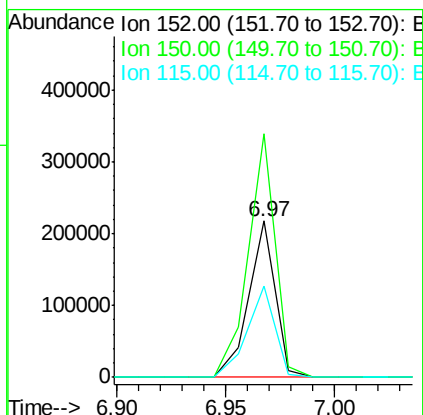
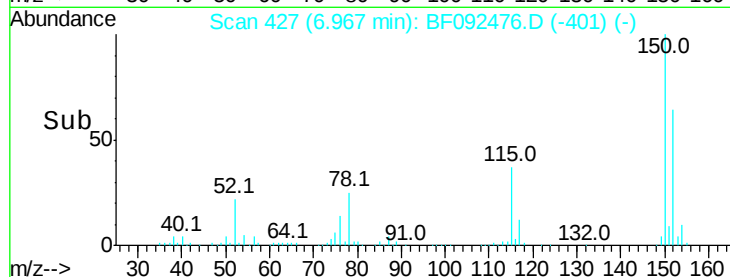
115 58.3 46.0 69.0



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: 113.70 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

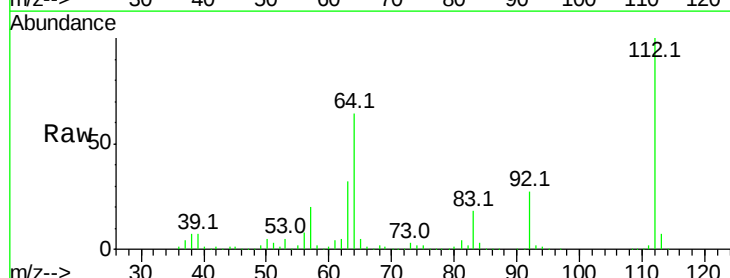
Tgt Ion:112 Resp: 1345688

Ion Ratio Lower Upper

112 100

64 64.2 46.1 69.1

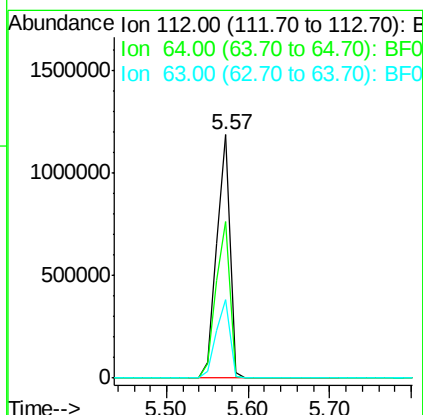
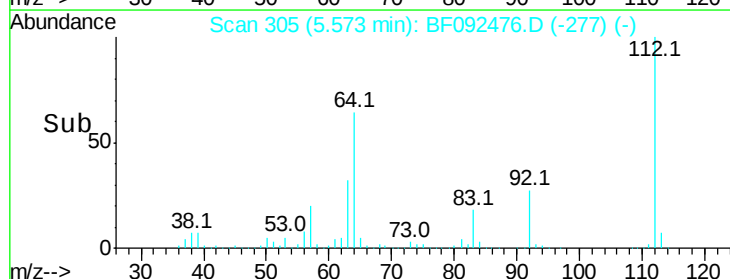
63 32.5 23.8 35.6

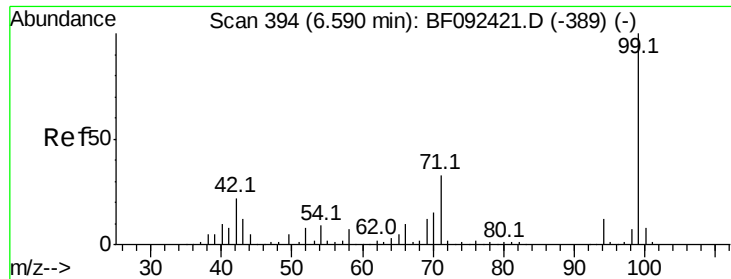


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.12 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

PB96241BL

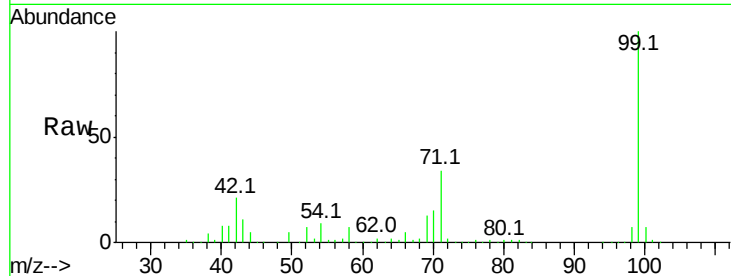
Tot Ion: 99 Resp: 1614893

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

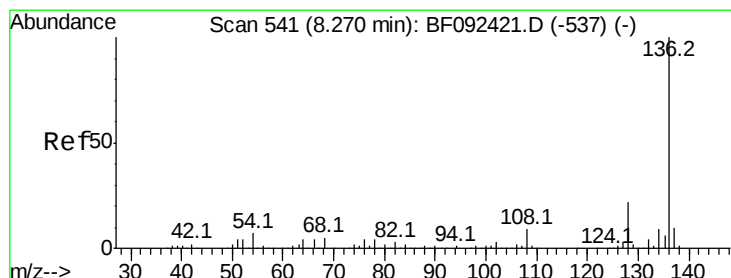
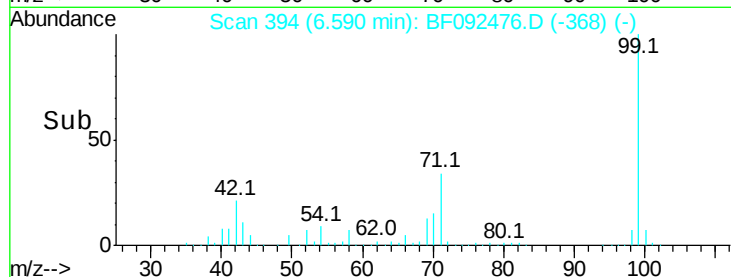
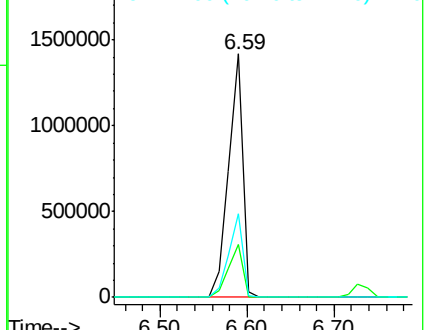
71 34.1 27.5 41.3



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: BF092476.D

Acq: 25 Jan 2017 15:05

Tgt Ion: 136 Resp: 754024

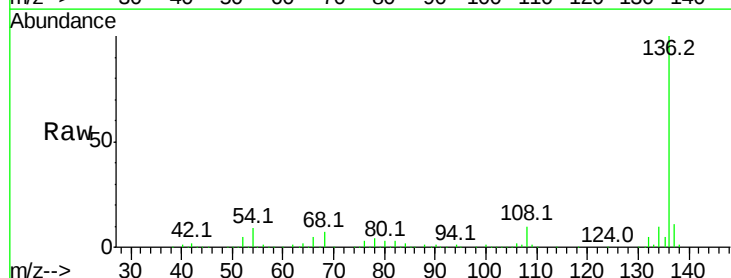
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.1 4.5 6.7#

68 6.7 3.6 5.4#

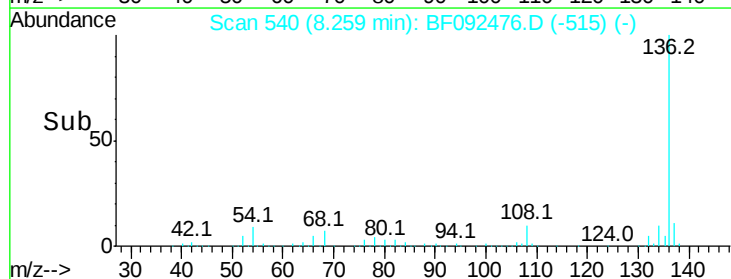
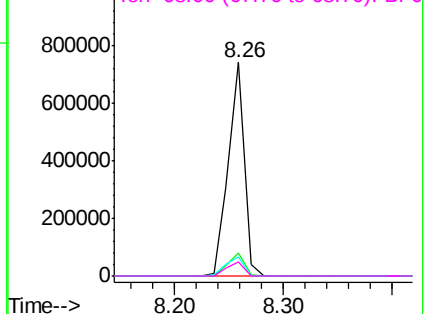


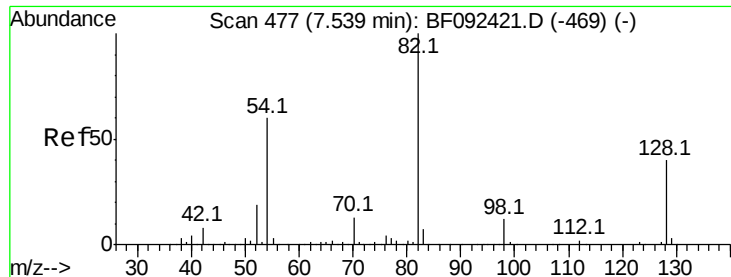
Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.88 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

PB96241BL

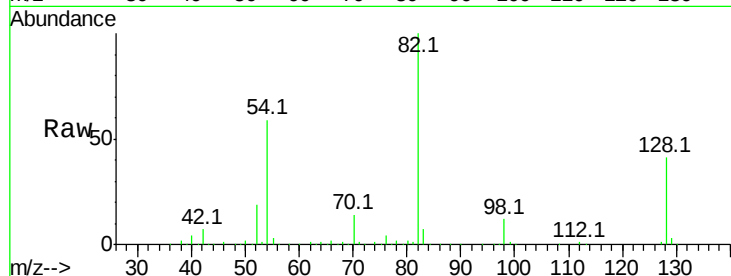
Tot Ion: 82 Resp: 1033624

Ion Ratio Lower Upper

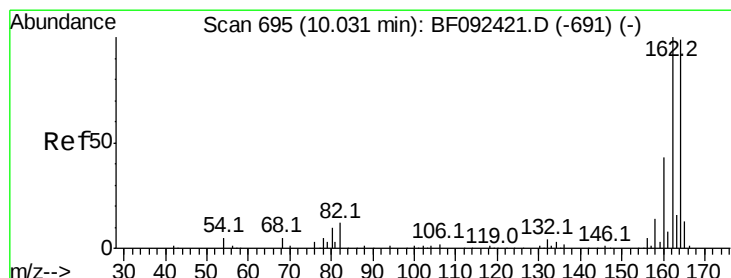
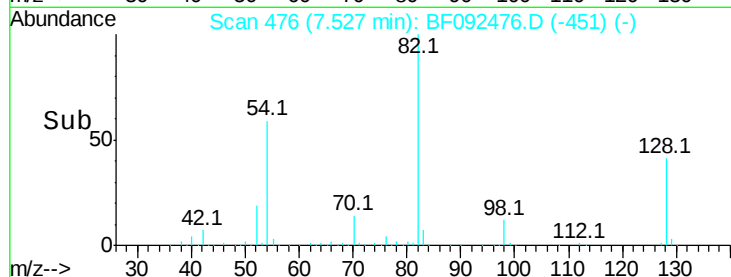
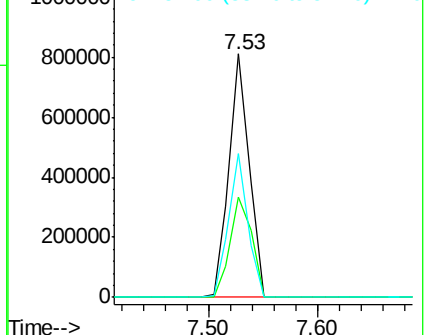
82 100

128 41.3 34.6 52.0

54 59.0 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

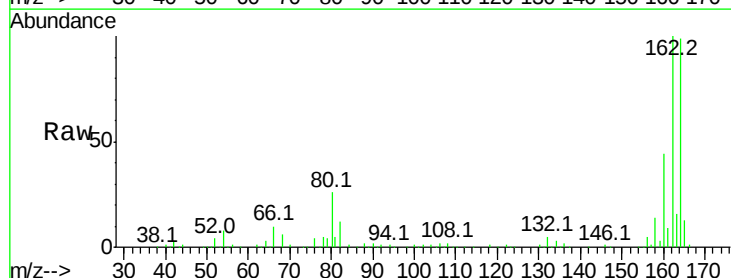
Tgt Ion:164 Resp: 391062

Ion Ratio Lower Upper

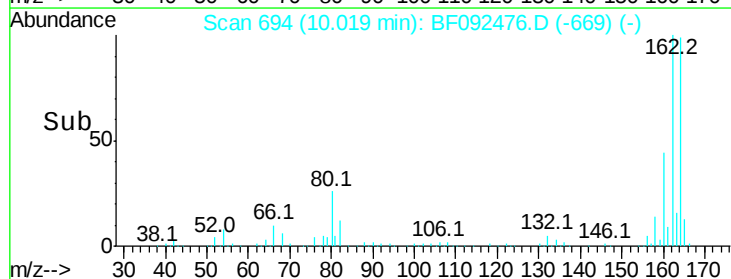
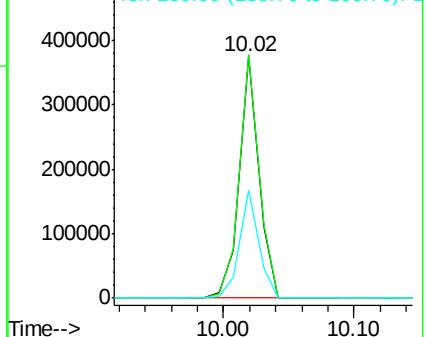
164 100

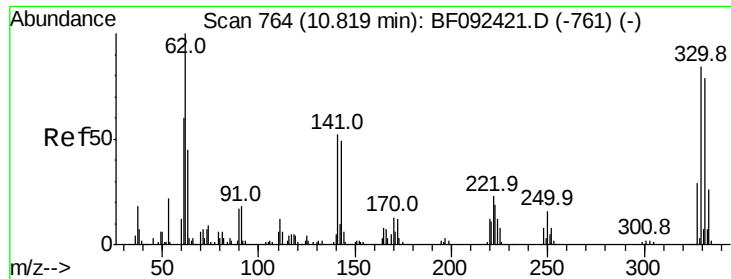
162 100.6 80.2 120.2

160 44.6 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

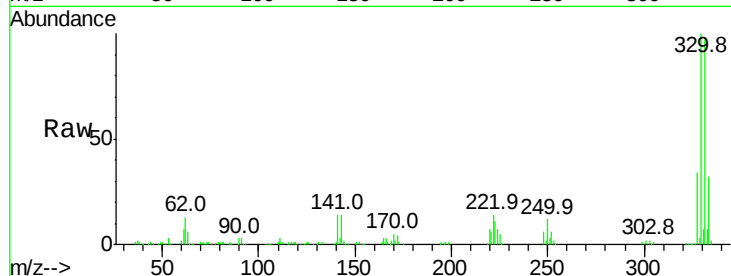




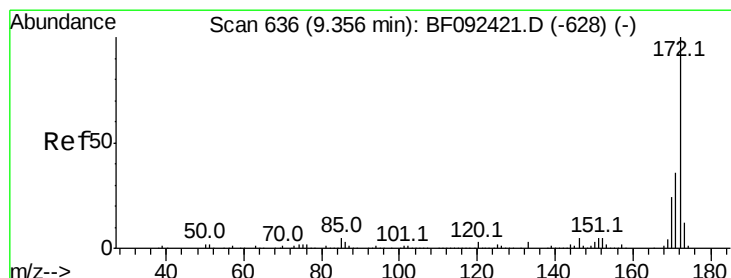
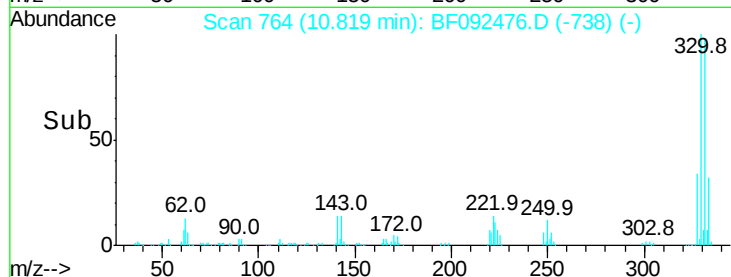
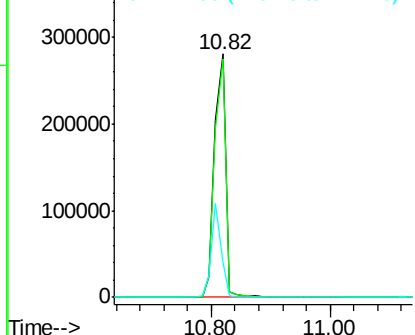
#41
 2,4,6-Tribromophenol
 Concen: 136.70 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092476.D
 Acq: 25 Jan 2017 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB96241BL

Tot Ion:330 Resp: 364306
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 34.6 34.1 51.1

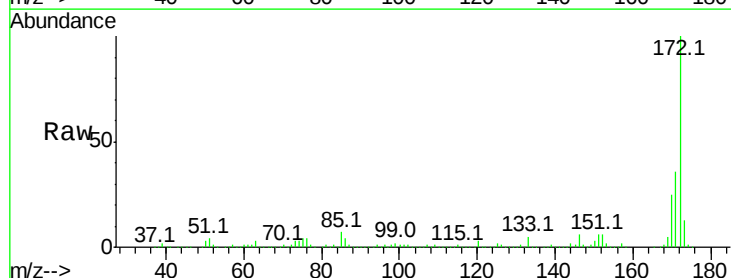


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

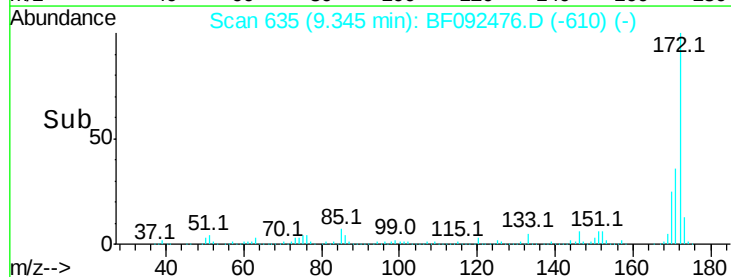
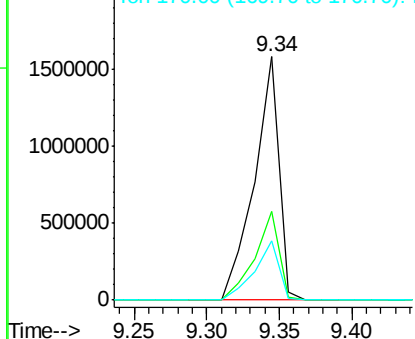


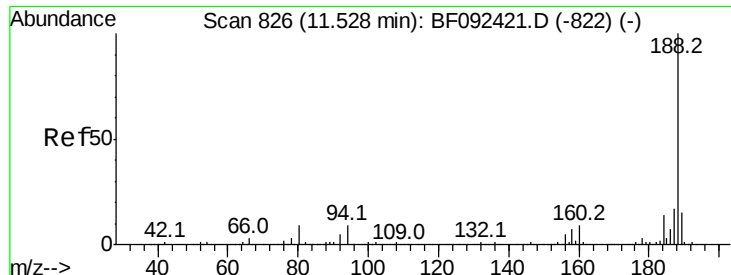
#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092476.D
 Acq: 25 Jan 2017 15:05

Tgt Ion:172 Resp: 1875441
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.5 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

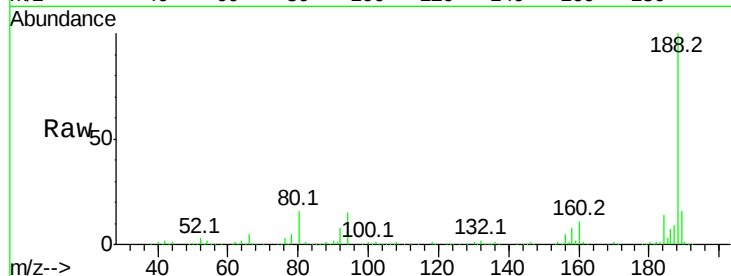




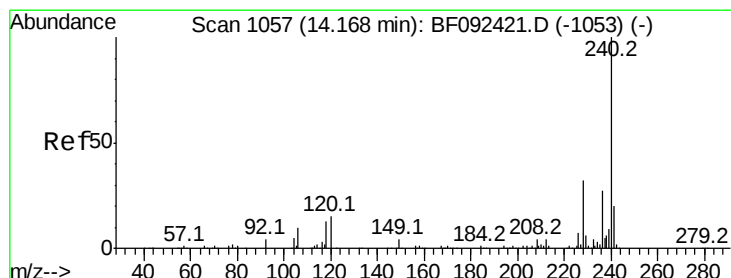
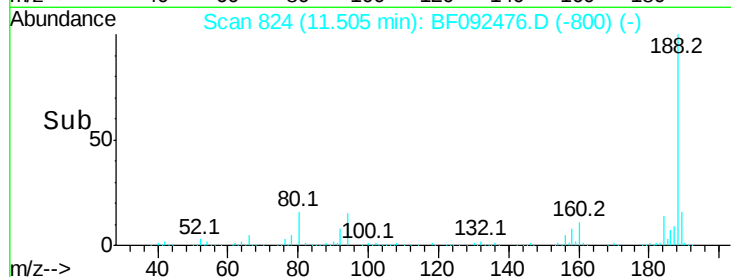
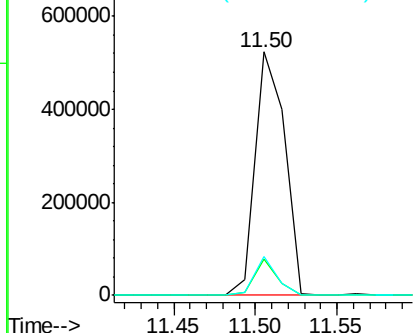
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092476.D
Acq: 25 Jan 2017 15:05

Instrument :
BNA_F
ClientSampleId :
PB96241BL

Tot Ion:188 Resp: 660798
Ion Ratio Lower Upper
188 100
94 15.0 10.0 15.0
80 16.1 11.2 16.8

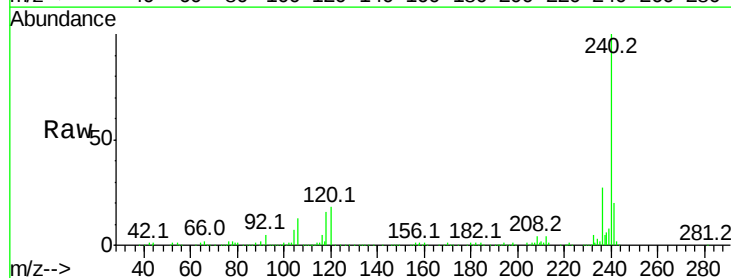


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

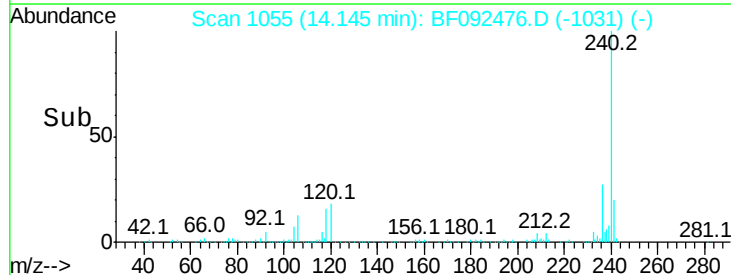
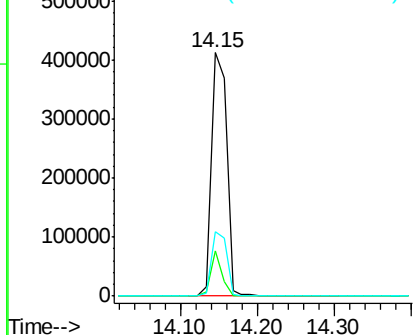


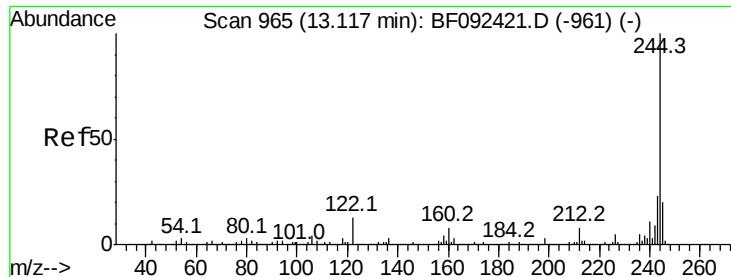
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092476.D
Acq: 25 Jan 2017 15:05

Tgt Ion:240 Resp: 560692
Ion Ratio Lower Upper
240 100
120 18.4 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: 74.44 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

Instrument :

BNA_F

ClientSampleId :

PB96241BL

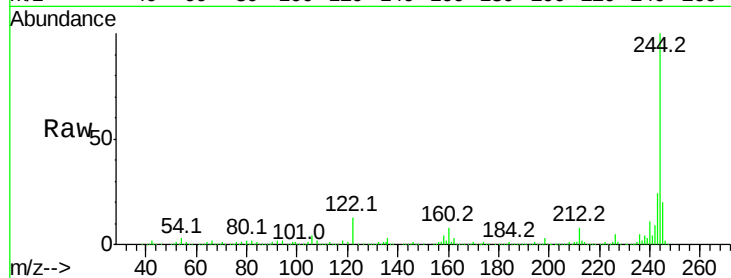
Tot Ion:244 Resp: 1567332

Ion Ratio Lower Upper

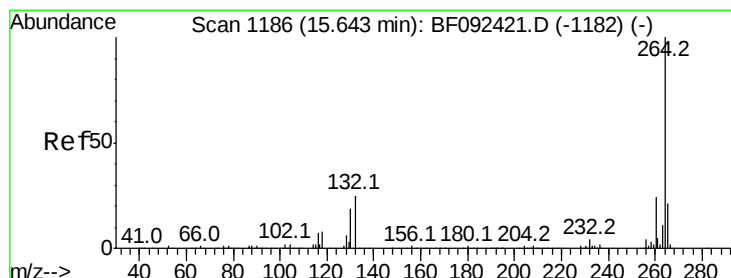
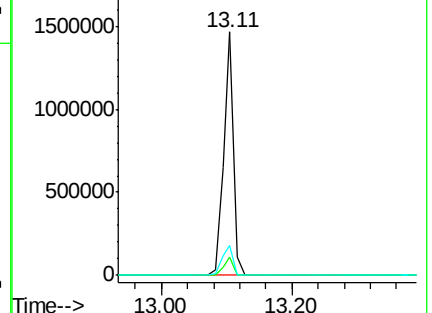
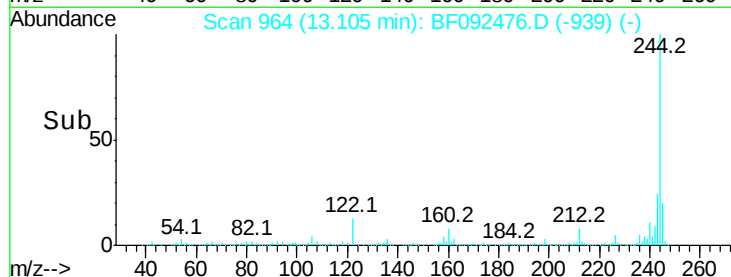
244 100

212 7.7 6.2 9.2

122 12.5 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: 15.63 min Scan# 1185

Delta R.T. -0.01 min

Lab File: BF092476.D

Acq: 25 Jan 2017 15:05

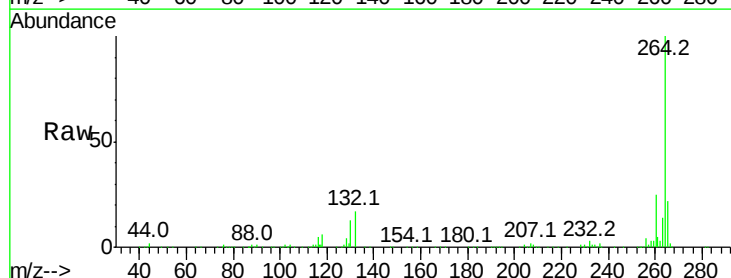
Tgt Ion:264 Resp: 433954

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.7 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

