

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092490.D
 Acq On : 25 Jan 2017 21:30
 Operator : SJ/MA
 Sample : I1417-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 012017-DS-E-U-M

Quant Time: Jan 26 10:29:43 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	172659	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	673842	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	349807	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	580793	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	545572	20.00	ng	-0.02
86) Perylene-d12	15.62	264	480204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	306595	27.63	ng	0.00
7) Phenol-d6	6.58	99	234453	16.59	ng	-0.01
23) Nitrobenzene-d5	7.53	82	919902	74.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	181474	76.13	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1627702	86.04	ng	-0.01
78) Terphenyl-d14	13.10	244	1669505	81.49	ng	-0.01

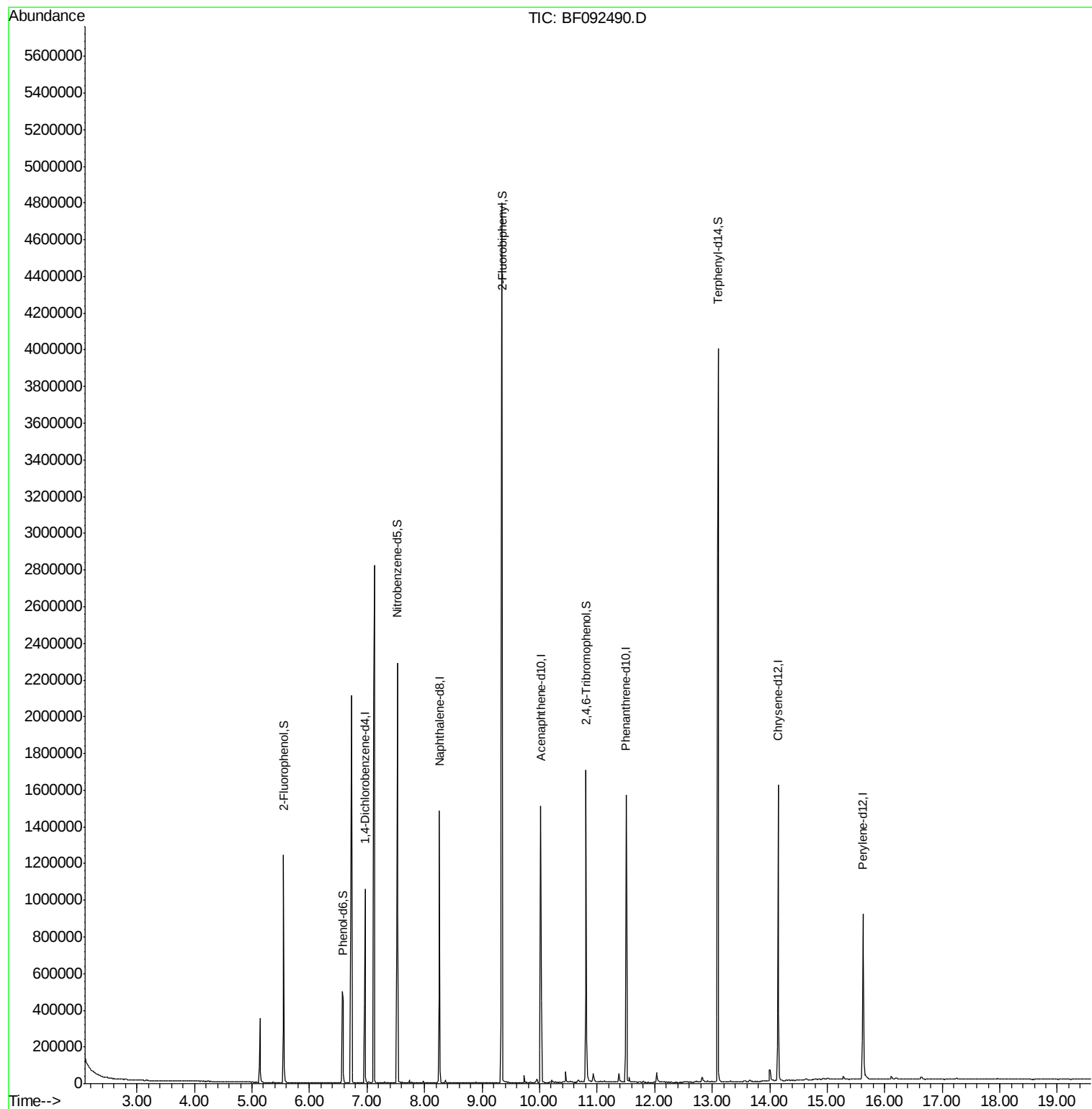
Target Compounds Qvalue

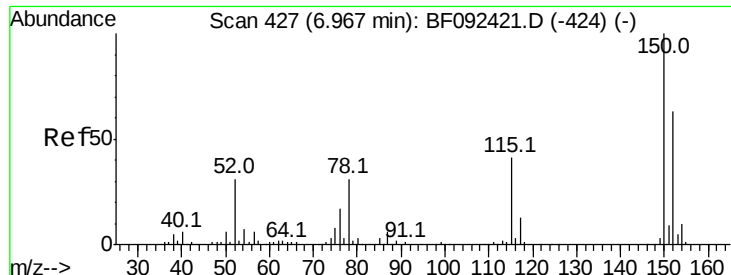
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF092490.D

Acq: 25 Jan 2017 21:30

Instrument :

BNA_F

ClientSampleId :

012017-DS-E-U-M

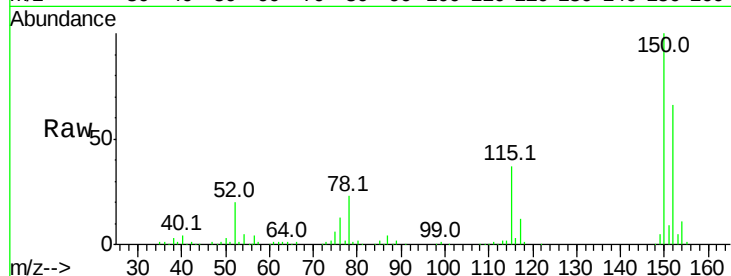
Tot Ion:152 Resp: 172659

Ion Ratio Lower Upper

152 100

150 152.1 124.9 187.3

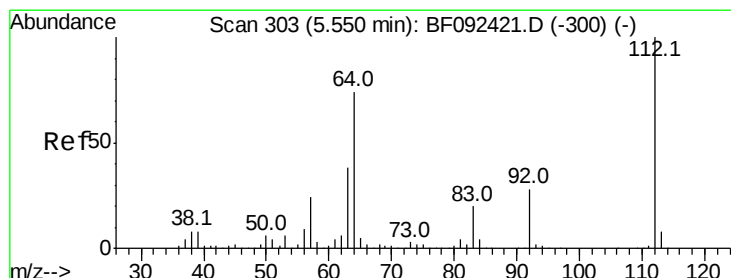
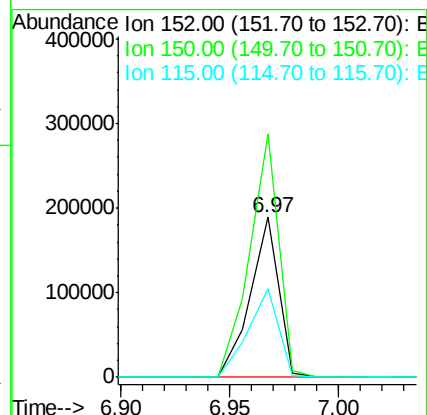
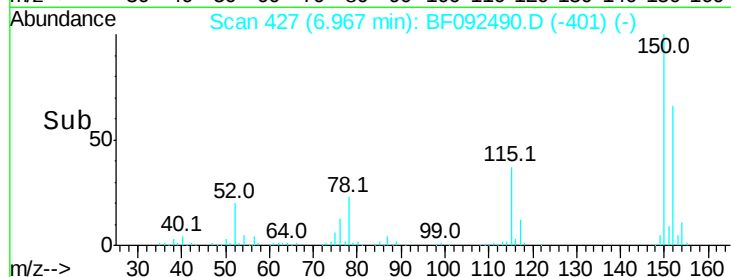
115 55.5 46.0 69.0



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: 27.63 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

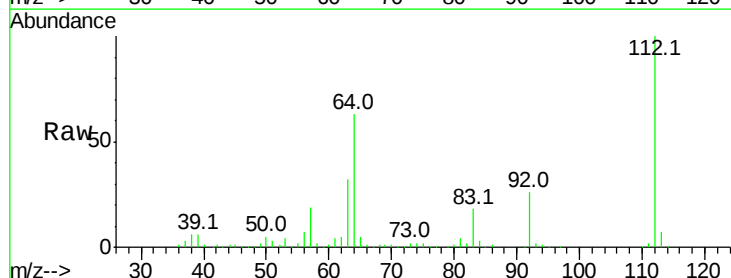
Tgt Ion:112 Resp: 306595

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

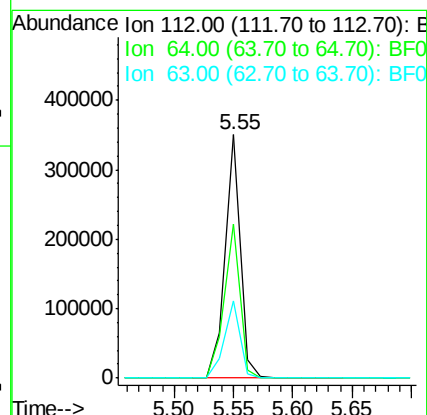
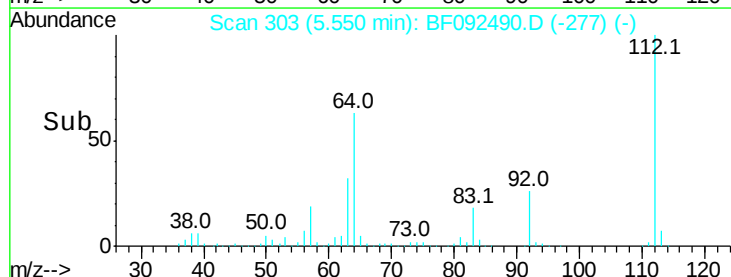
63 31.8 23.8 35.6

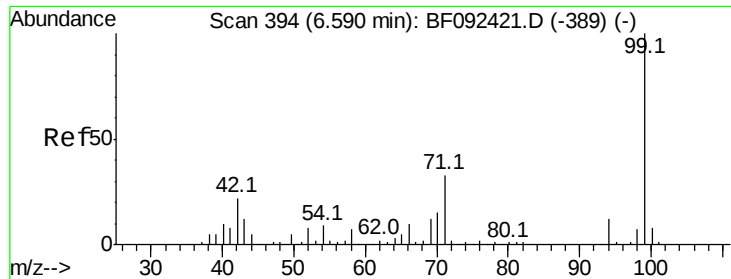


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 16.59 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

Instrument :

BNA_F

ClientSampleId :

012017-DS-E-U-M

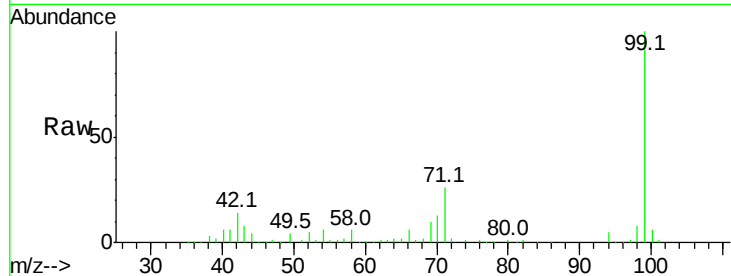
Tot Ion: 99 Resp: 234453

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

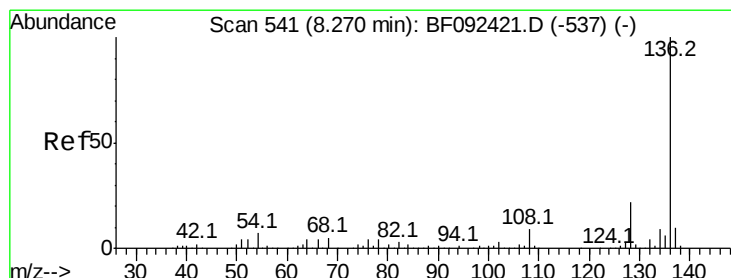
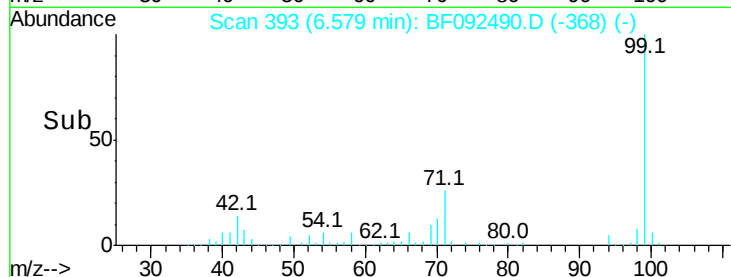
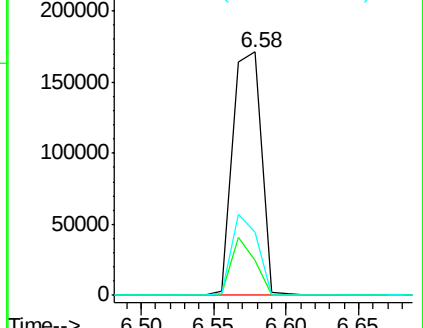
71 25.8 27.5 41.3#



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: BF092490.D

Acq: 25 Jan 2017 21:30

Tgt Ion: 136 Resp: 673842

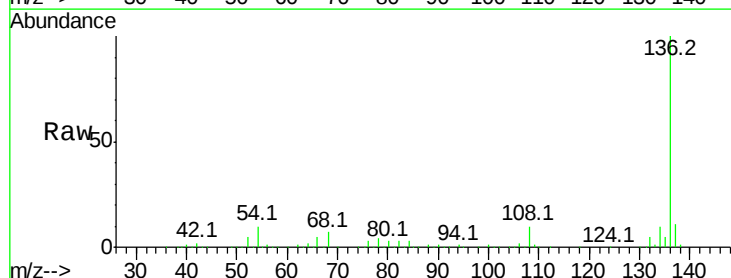
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.8 4.5 6.7#

68 6.7 3.6 5.4#

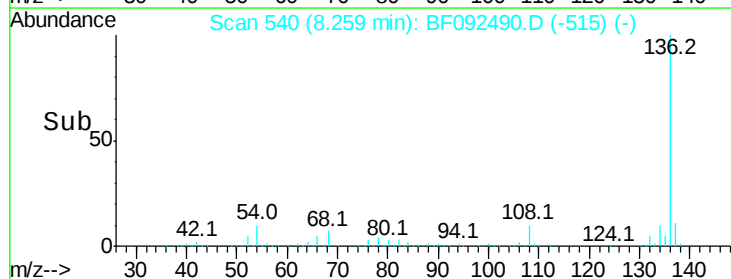
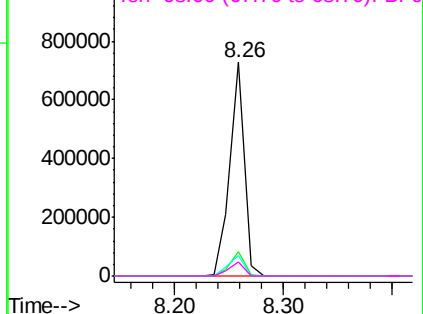


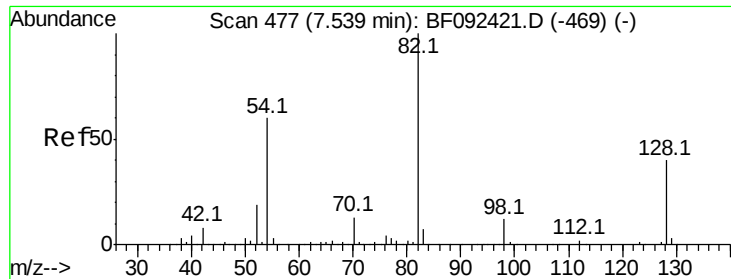
Abundance Ion 136.00 (135.70 to 136.70): E

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

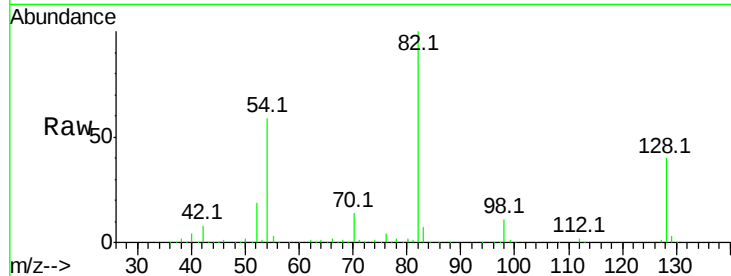




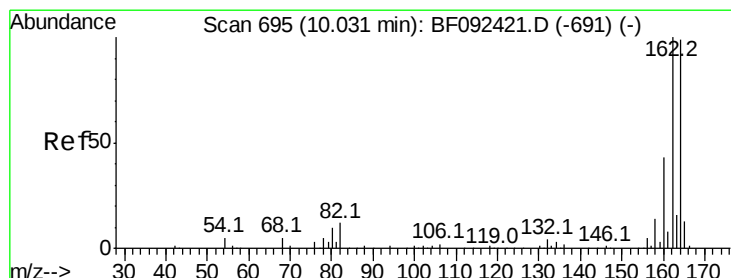
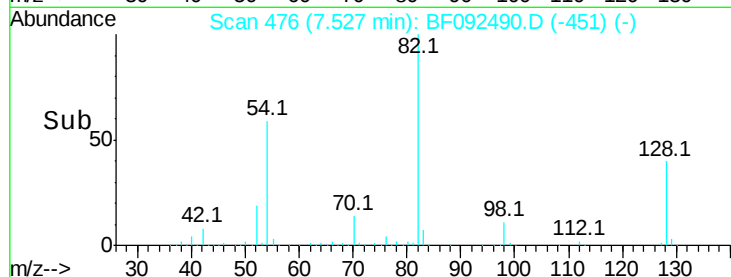
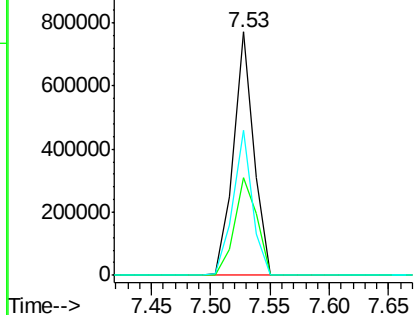
#23
Nitrobenzene-d5
Concen: 74.57 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Instrument :
BNA_F
ClientSampleId :
012017-DS-E-U-M

Tot Ion: 82 Resp: 919902
Ion Ratio Lower Upper
82 100
128 40.2 34.6 52.0
54 59.3 39.5 59.3#

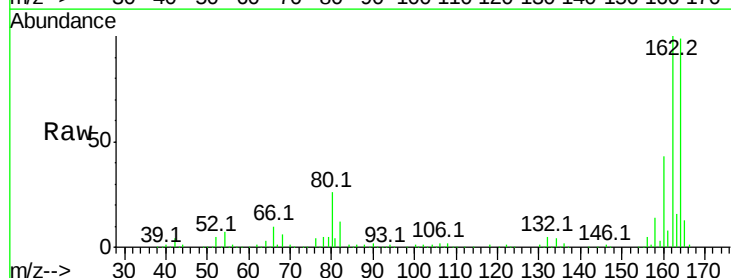


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

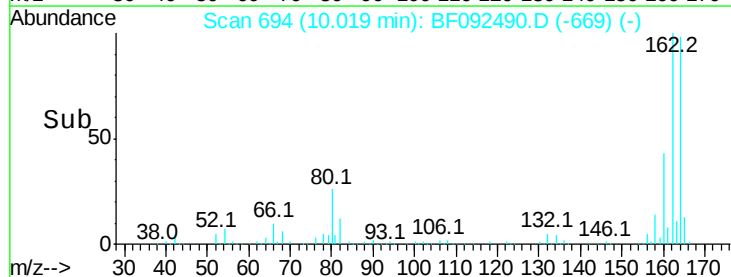
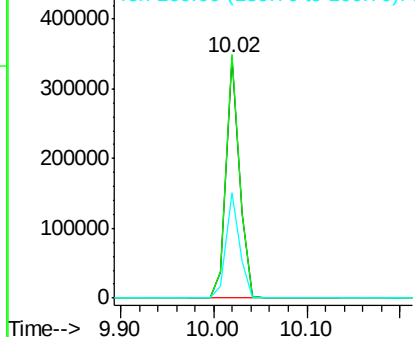


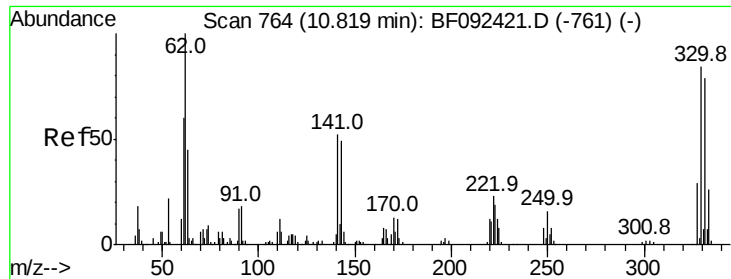
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Tgt Ion: 164 Resp: 349807
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.6 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

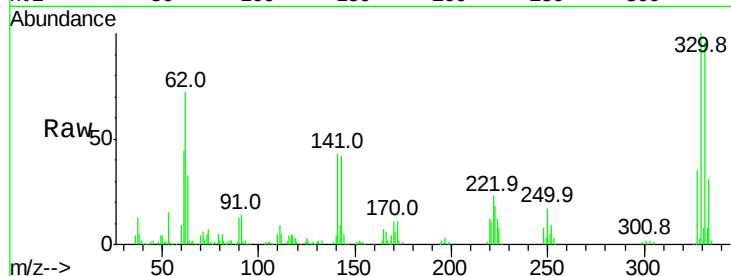




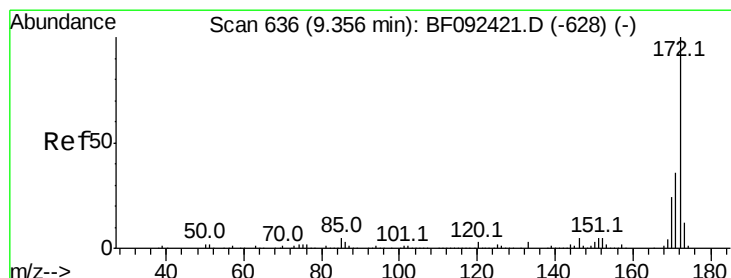
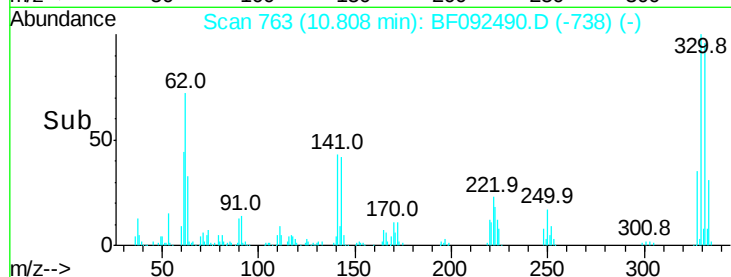
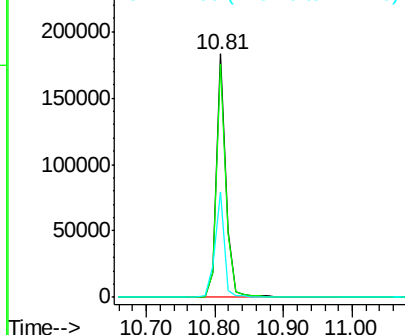
#41
 2,4,6-Tribromophenol
 Concen: 76.13 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 012017-DS-E-U-M

Tot Ion:330 Resp: 181474
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 42.4 34.1 51.1

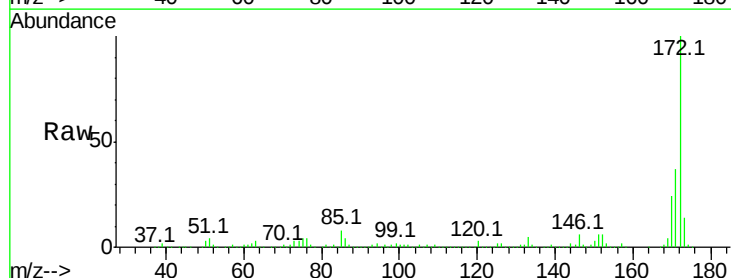


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

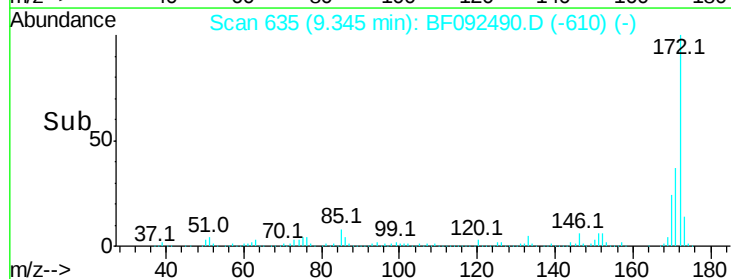
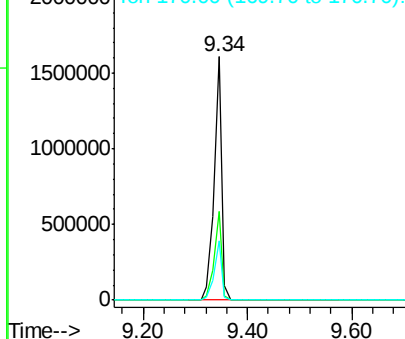


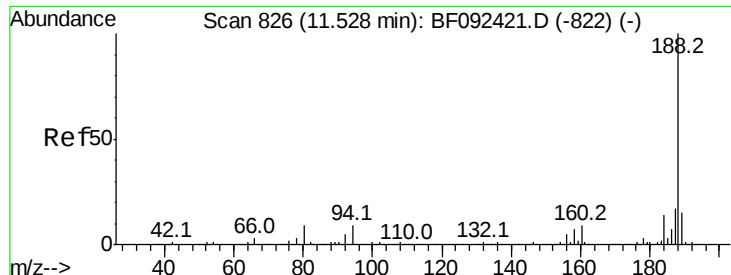
#44
 2-Fluorobiphenyl
 Concen: 86.04 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Tgt Ion:172 Resp: 1627702
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

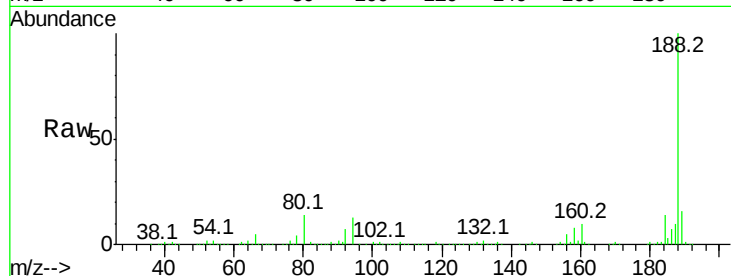




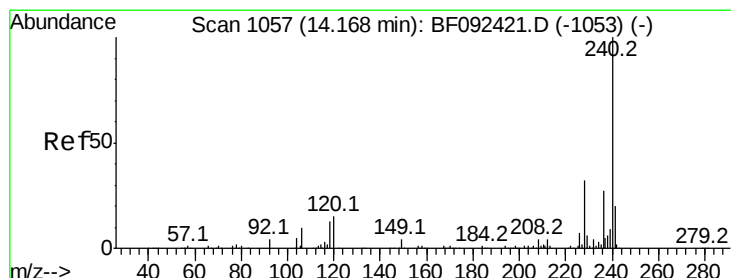
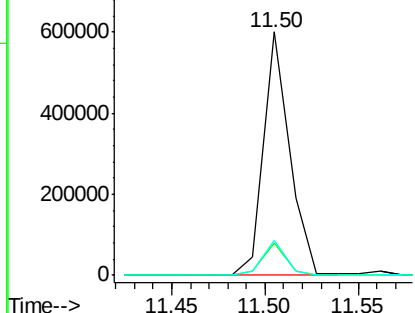
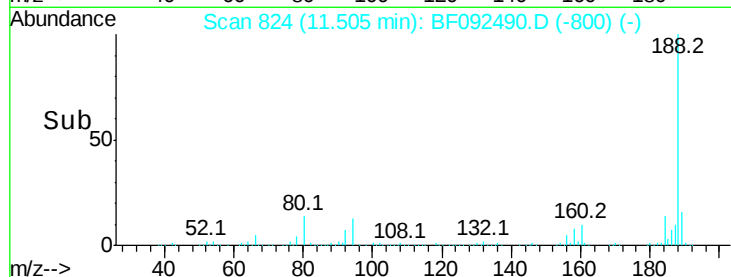
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 824
Delta R.T. -0.02 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Instrument :
BNA_F
ClientSampleId :
012017-DS-E-U-M

Tot Ion:188 Resp: 580793
Ion Ratio Lower Upper
188 100
94 13.4 10.0 15.0
80 14.2 11.2 16.8

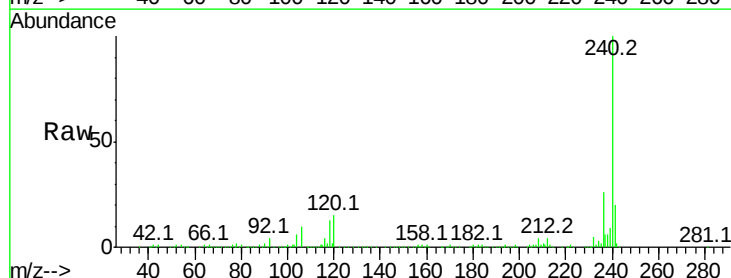


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

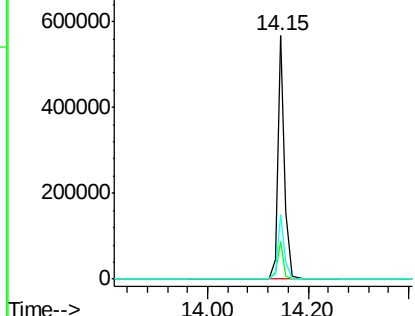
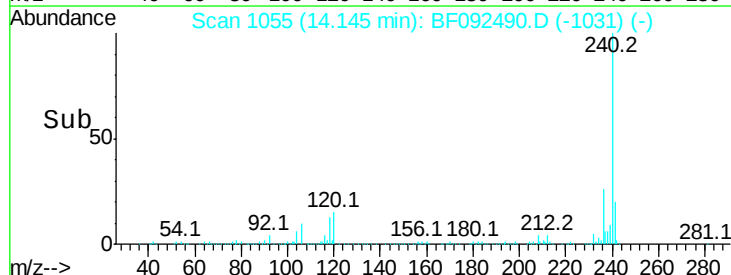


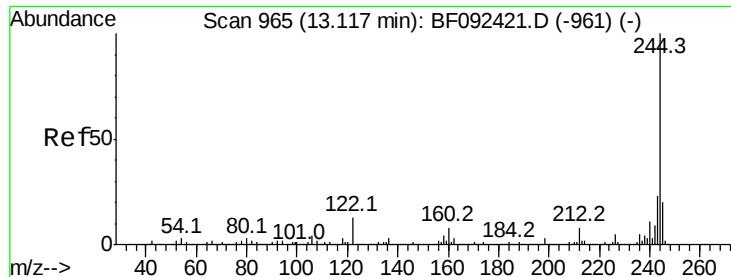
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.15 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Tgt Ion:240 Resp: 545572
Ion Ratio Lower Upper
240 100
120 15.2 12.9 19.3
236 26.3 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

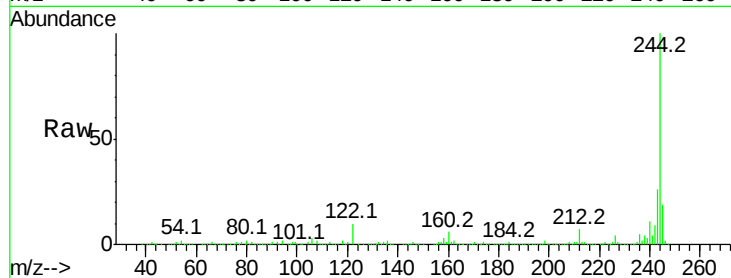




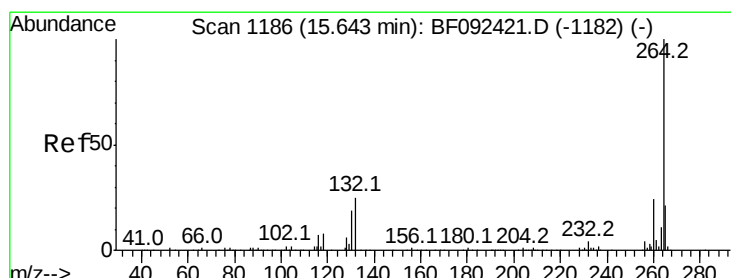
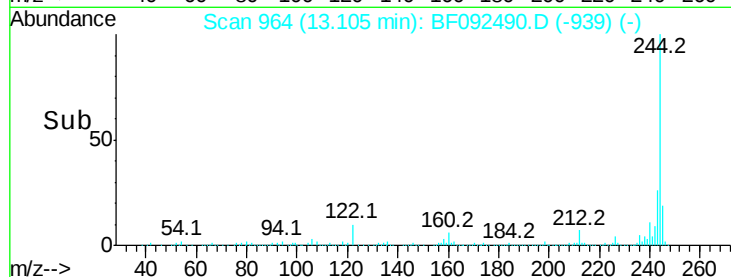
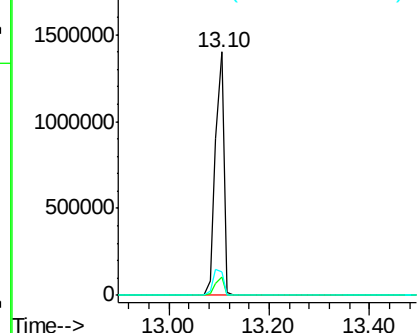
#78
 Terphenyl-d14
 Concen: 81.49 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :
 012017-DS-E-U-M

Tot Ion:244 Resp: 1669505
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.5 11.4 17.2#

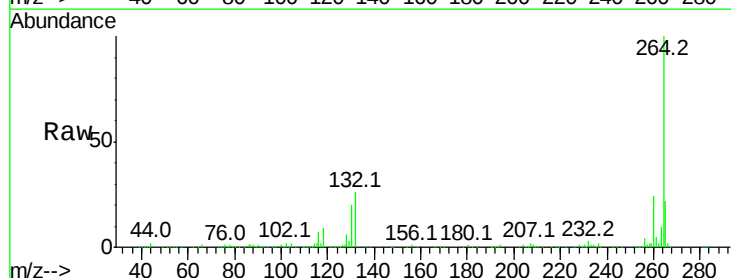


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Tgt Ion:264 Resp: 480204
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 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

