

Data Path : Z:\HPCHEM1\BNA F\DATA\BF013017\
 Data File : BF092667.D
 Acq On : 31 Jan 2017 7:39
 Operator : SJ/MA
 Sample : I1550-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Quant Time: Jan 31 09:50:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	147241	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	552512	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	265001	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	358235	20.00	ng	0.00
75) Chrysene-d12	14.13	240	304911	20.00	ng	-0.01
86) Perylene-d12	15.61	264	220587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	625491	72.88	ng	0.00
7) Phenol-d6	6.60	99	513577	46.51	ng	0.00
23) Nitrobenzene-d5	7.53	82	820870	82.73	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	245543	128.11	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1535741	104.99	ng	0.00
78) Terphenyl-d14	13.08	244	961865	74.12	ng	0.00

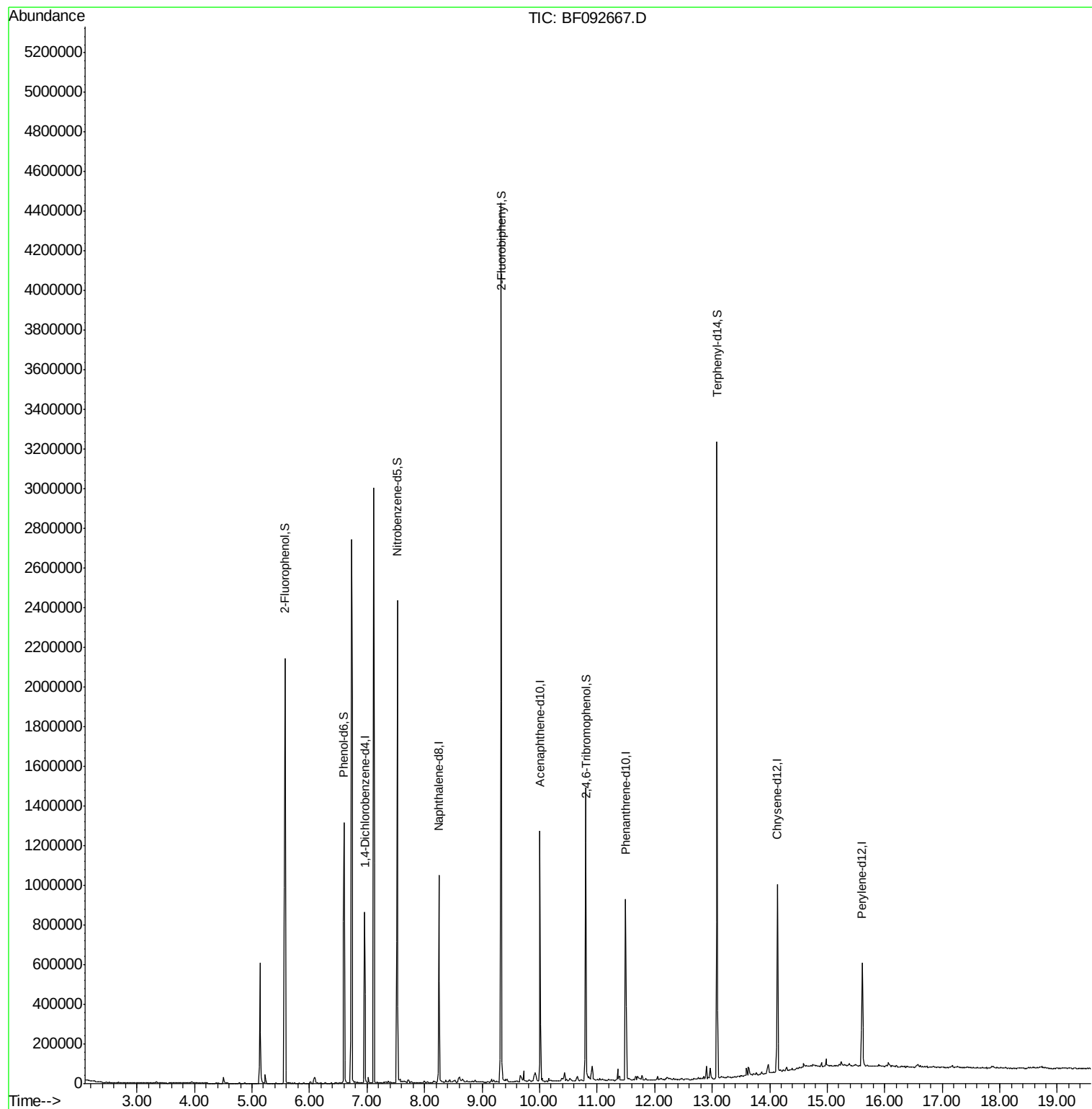
Target Compounds Qvalue

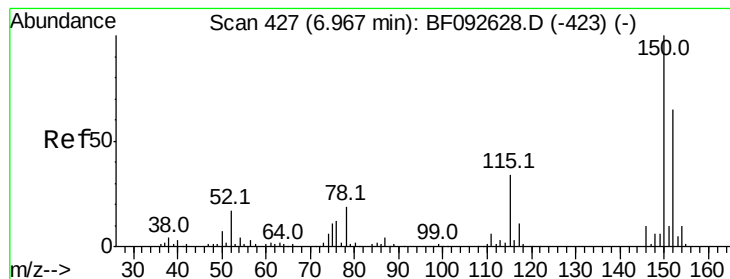
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampleId :

W-1A

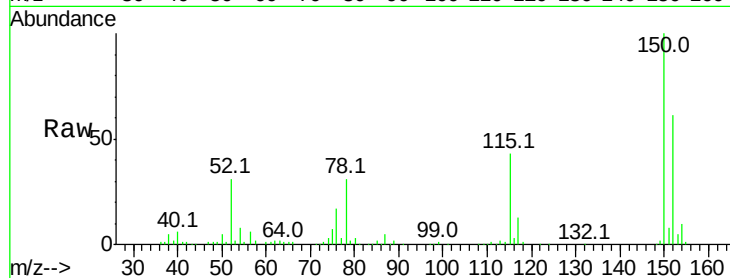
Tot Ion:152 Resp: 147241

Ion Ratio Lower Upper

152 100

150 164.1 124.9 187.3

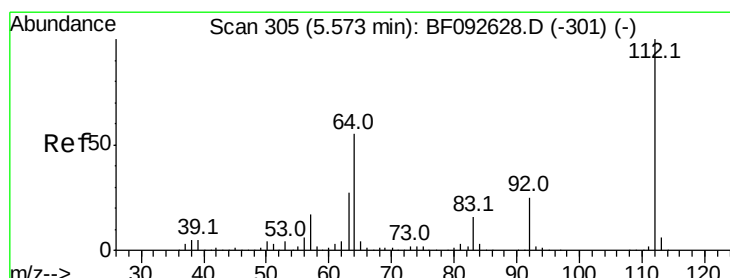
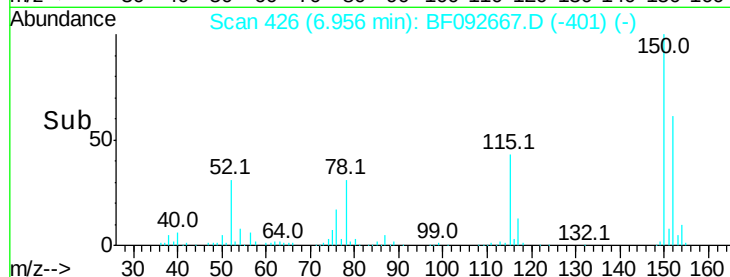
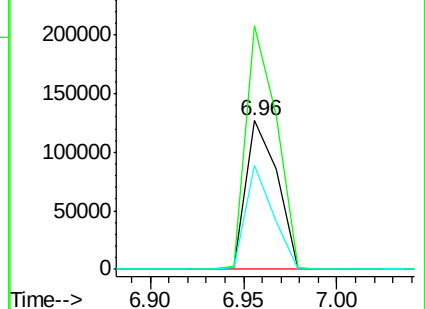
115 70.0 46.0 69.0#



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: 72.88 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

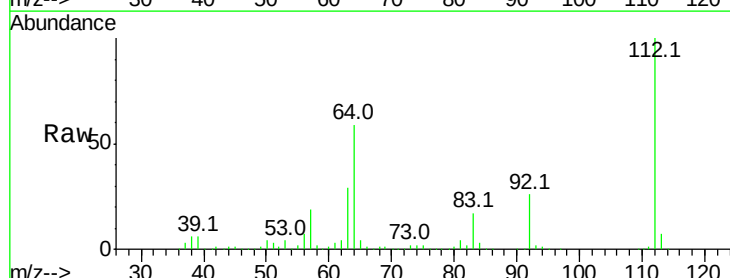
Tgt Ion:112 Resp: 625491

Ion Ratio Lower Upper

112 100

64 59.2 46.1 69.1

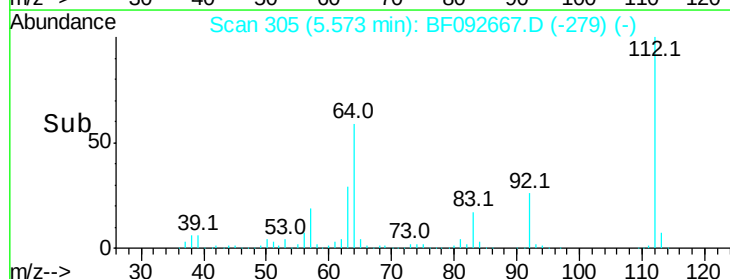
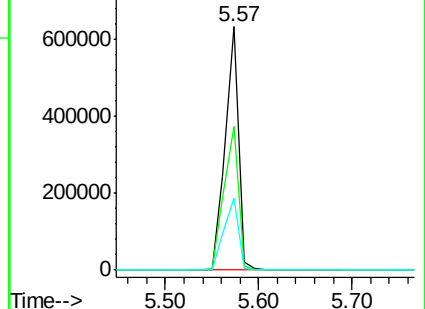
63 29.4 23.8 35.6

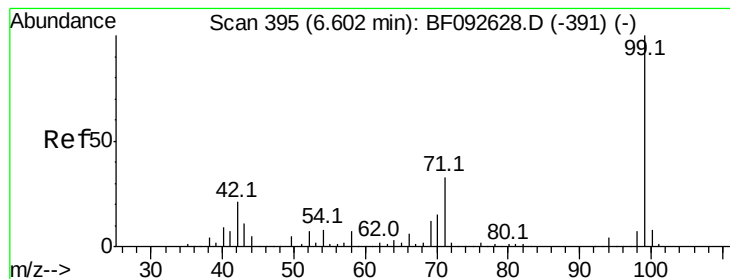


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.51 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Instrument :

BNA_F

ClientSampleId :

W-1A

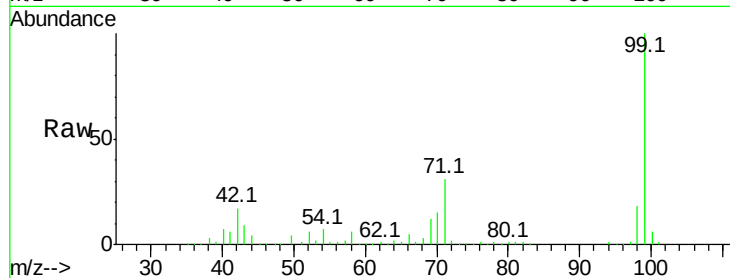
Tot Ion: 99 Resp: 513577

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

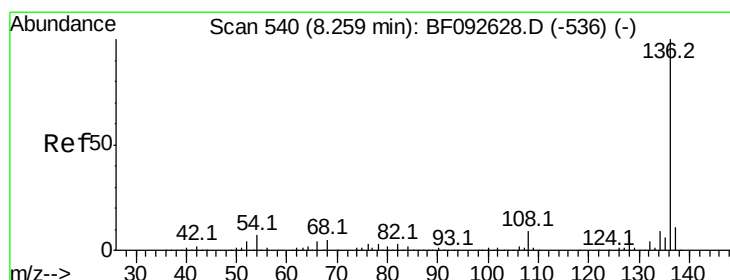
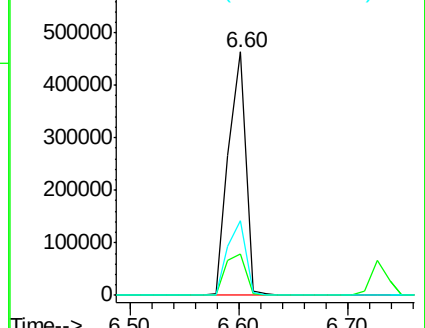
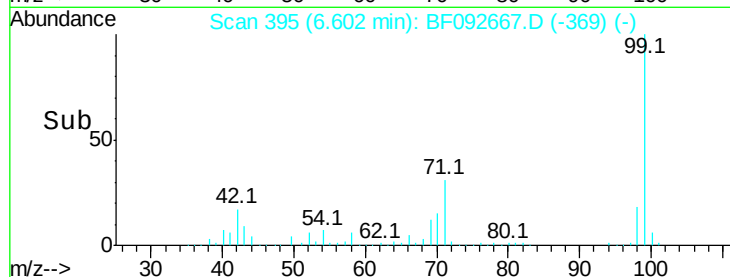
71 30.6 27.5 41.3



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: 8.25 min Scan# 539

Delta R.T. -0.01 min

Lab File: BF092667.D

Acq: 31 Jan 2017 7:39

Tgt Ion: 136 Resp: 552512

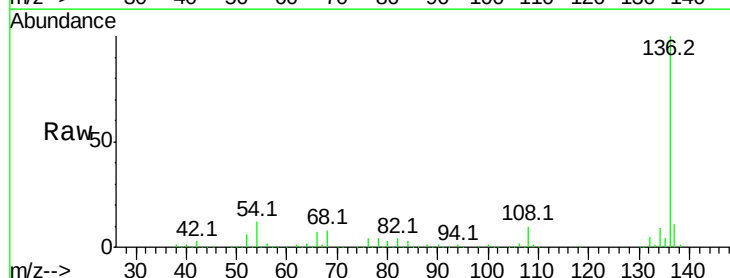
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 12.5 4.5 6.7#

68 8.3 3.6 5.4#

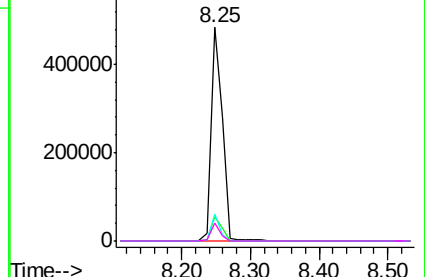
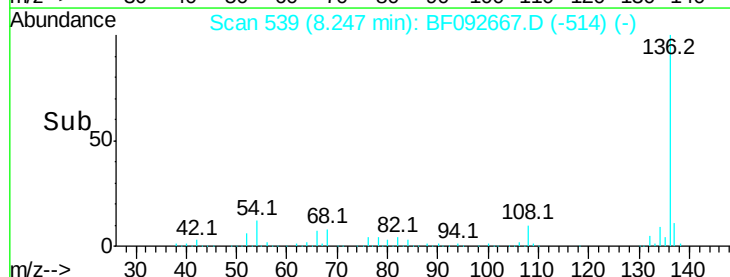


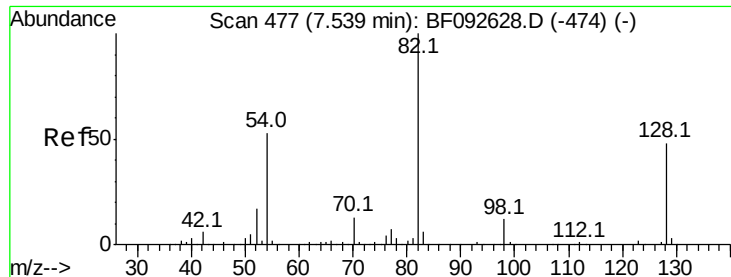
Abundance Ion 136.00 (135.70 to 136.70): E

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

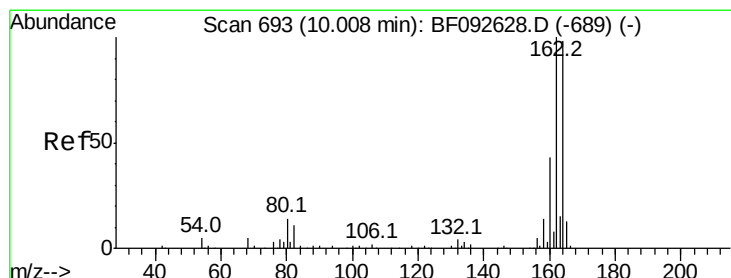
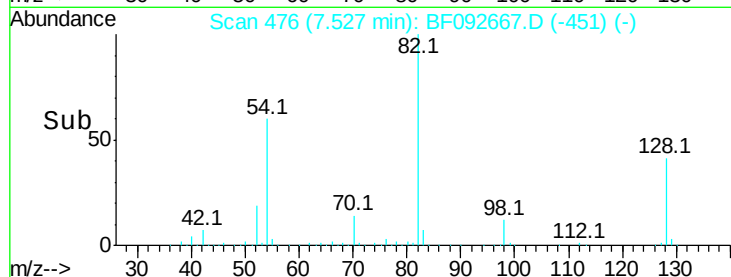
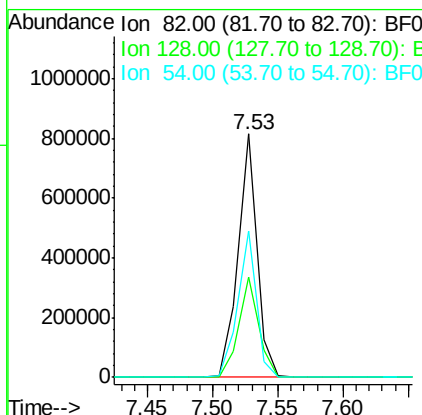
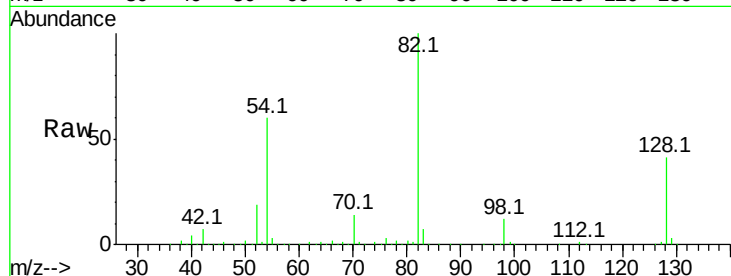




#23
 Nitrobenzene-d5
 Concen: 82.73 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.01 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

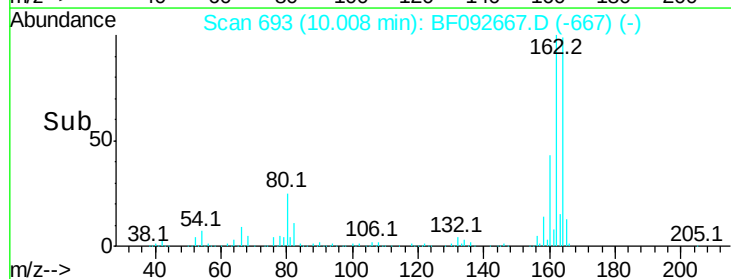
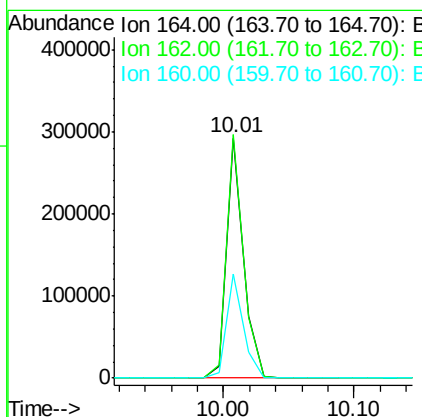
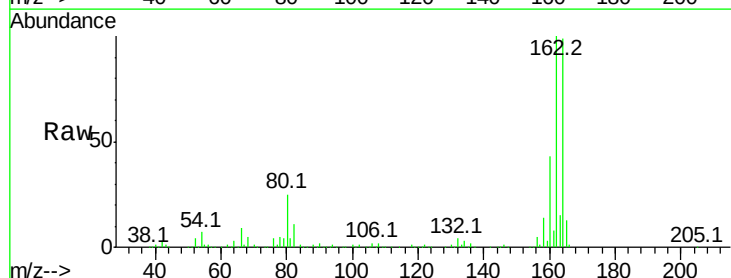
Instrument :
 BNA_F
 ClientSampled :
 W-1A

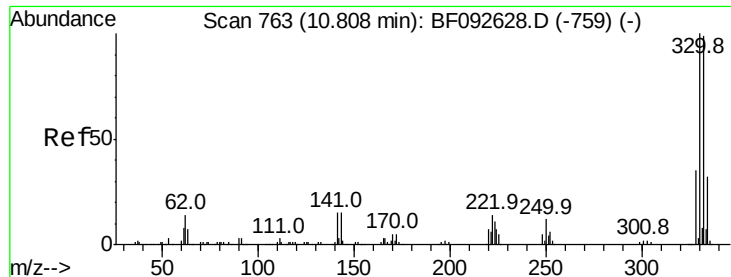
Tot Ion: 82 Resp: 820870
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 60.1 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Tgt Ion:164 Resp: 265001
 Ion Ratio Lower Upper
 164 100
 162 101.4 80.2 120.2
 160 43.5 36.9 55.3

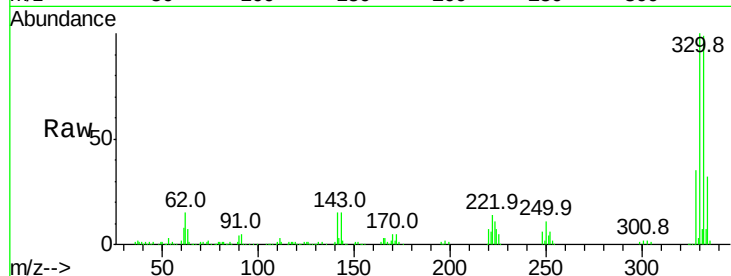




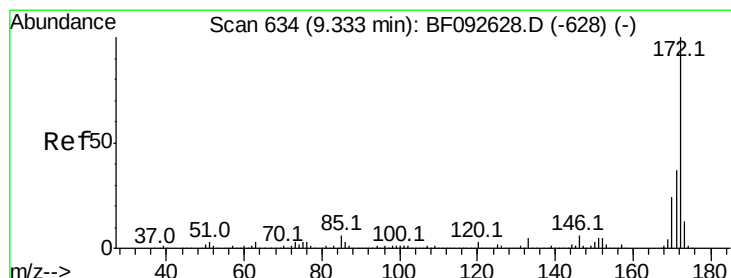
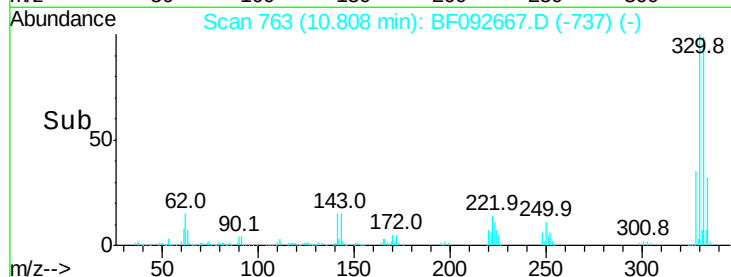
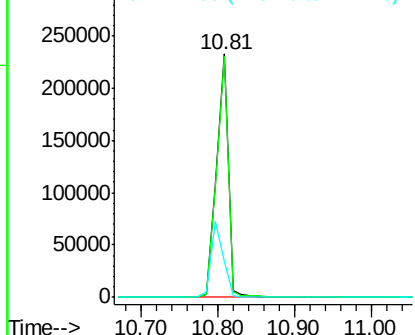
#41
 2,4,6-Tribromophenol
 Concen: 128.11 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Instrument :
 BNA_F
 ClientSampleId :
 W-1A

Tot Ion:330 Resp: 245543
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.4 116.2
 141 32.9 34.1 51.1#

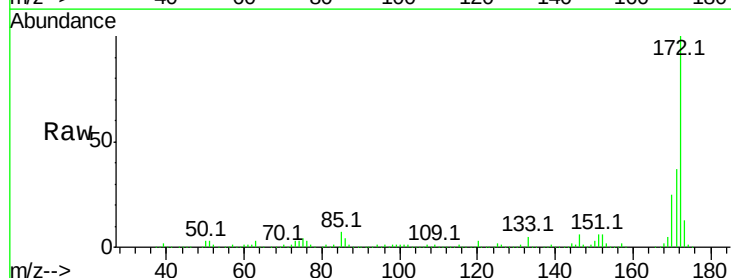


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

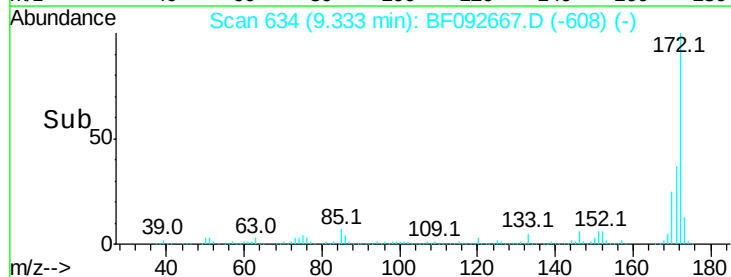
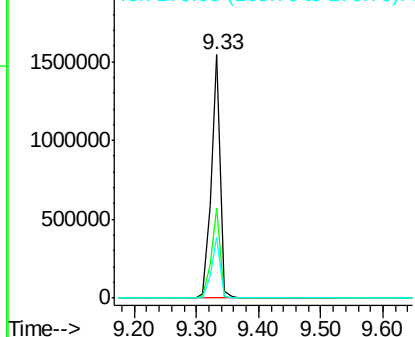


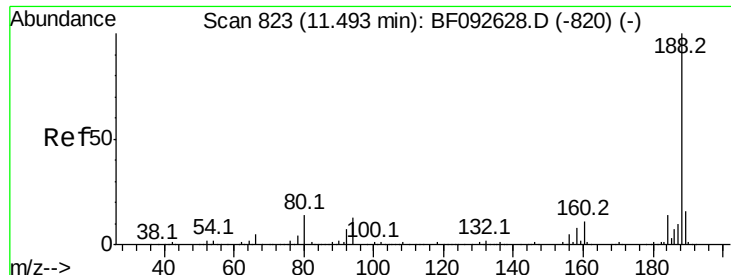
#44
 2-Fluorobiphenyl
 Concen: 104.99 ng
 RT: 9.33 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Tgt Ion:172 Resp: 1535741
 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

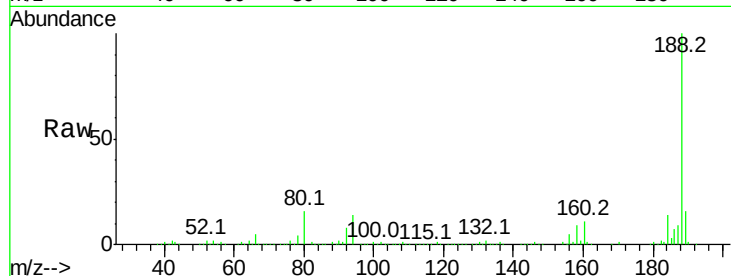




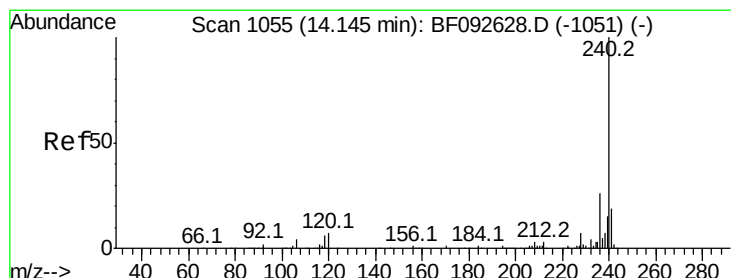
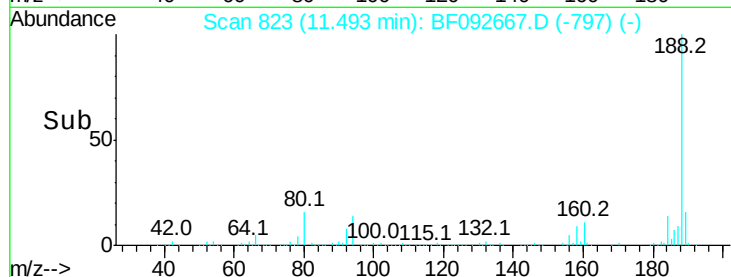
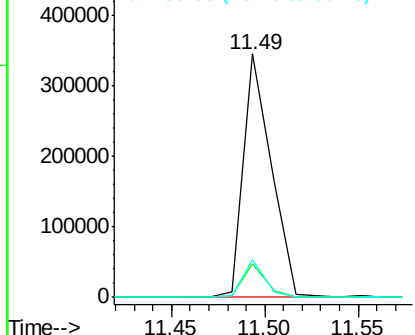
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Instrument :
BNA_F
ClientSampleId :
W-1A

Tot Ion:188 Resp: 358235
Ion Ratio Lower Upper
188 100
94 14.1 10.0 15.0
80 15.6 11.2 16.8

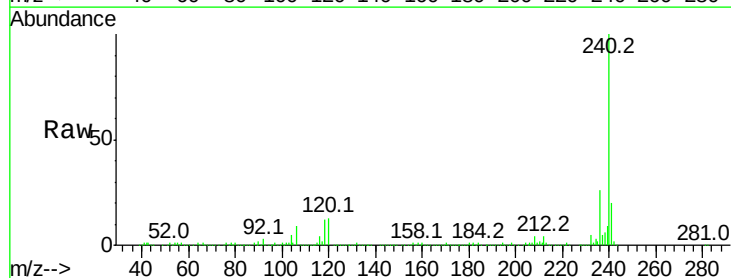


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

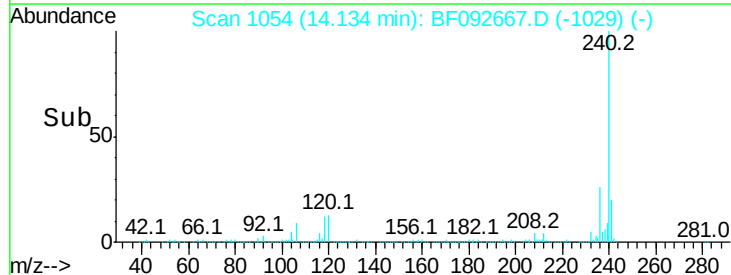
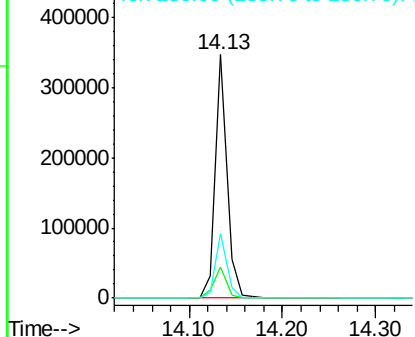


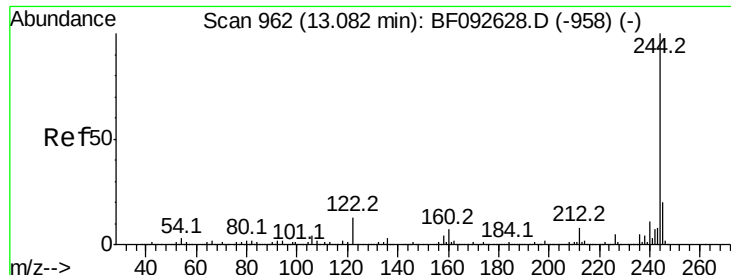
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.13 min Scan# 1054
Delta R.T. -0.01 min
Lab File: BF092667.D
Acq: 31 Jan 2017 7:39

Tgt Ion:240 Resp: 304911
Ion Ratio Lower Upper
240 100
120 12.9 12.9 19.3
236 26.2 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

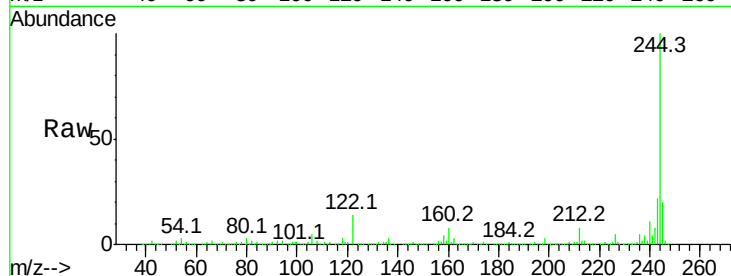




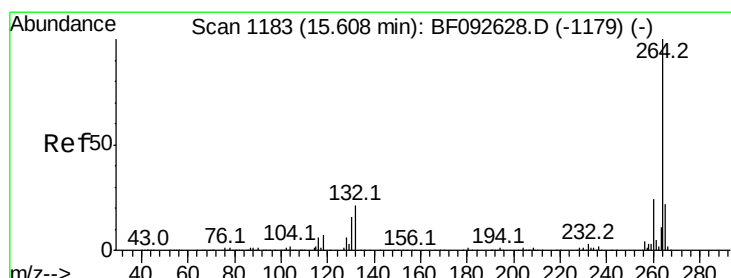
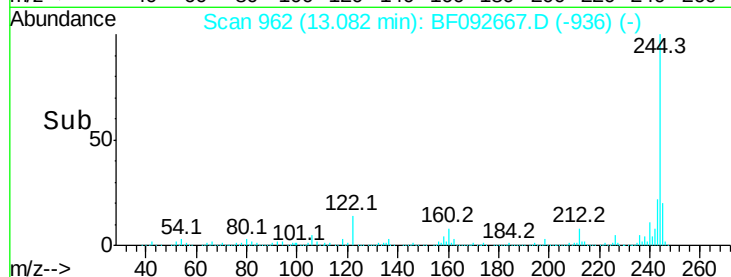
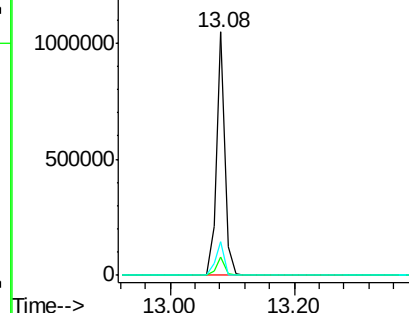
#78
 Terphenyl-d14
 Concen: 74.12 ng
 RT: 13.08 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Instrument :
 BNA_F
 ClientSampled :
 W-1A

Tot Ion:244 Resp: 961865
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 13.6 11.4 17.2

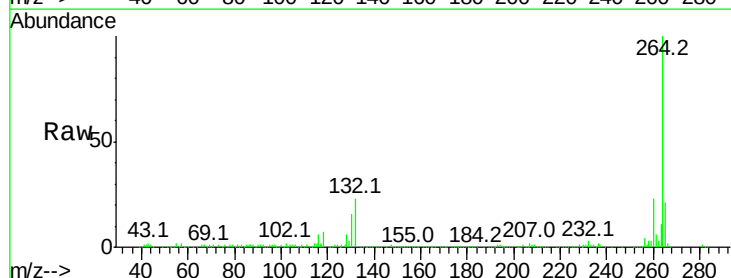


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.61 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BF092667.D
 Acq: 31 Jan 2017 7:39

Tgt Ion:264 Resp: 220587
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.2 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

