

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093462.D
 Acq On : 9 Mar 2017 8:05
 Operator : SJ/MA
 Sample : I2127-23
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-8

Quant Time: Mar 09 10:17:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	167619	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	638293	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	280066	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	402575	20.00	ng	0.01
75) Chrysene-d12	13.93	240	352246	20.00	ng	0.01
86) Perylene-d12	15.35	264	271042	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1388490	137.87	ng	0.02
7) Phenol-d6	6.42	99	1726195	135.92	ng	0.01
23) Nitrobenzene-d5	7.34	82	1076864	93.61	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	220838	121.03	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1735235	115.24	ng	0.00
78) Terphenyl-d14	12.87	244	1054537	77.84	ng	0.00

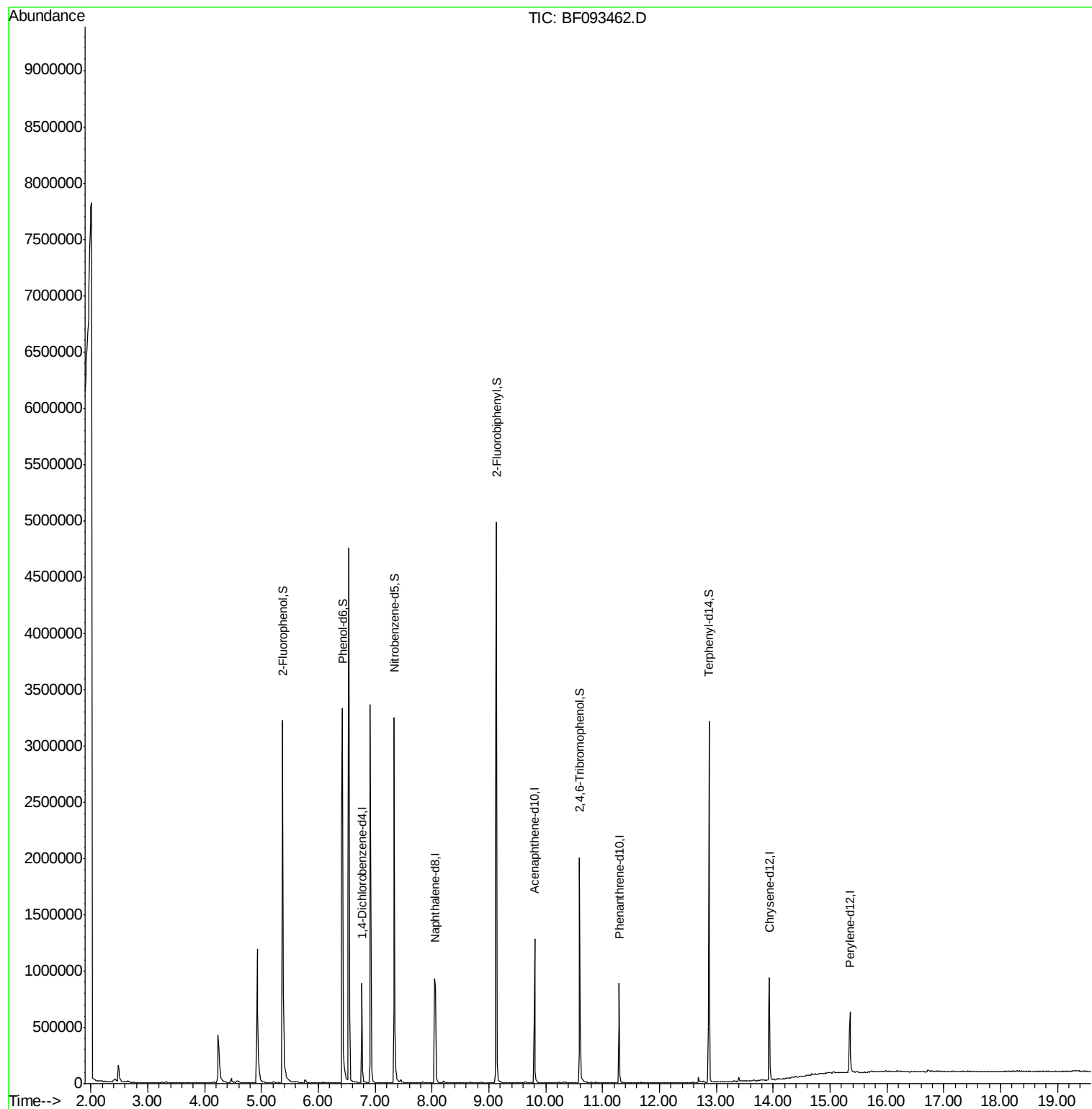
Target Compounds Qvalue

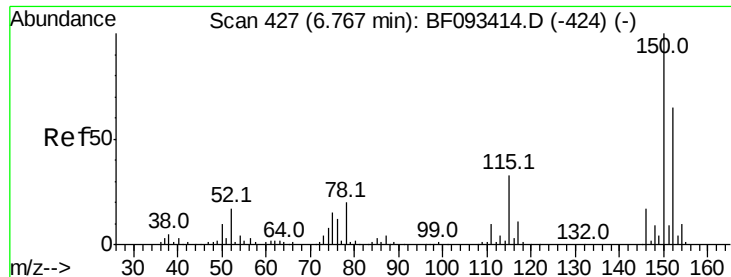
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

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D-8

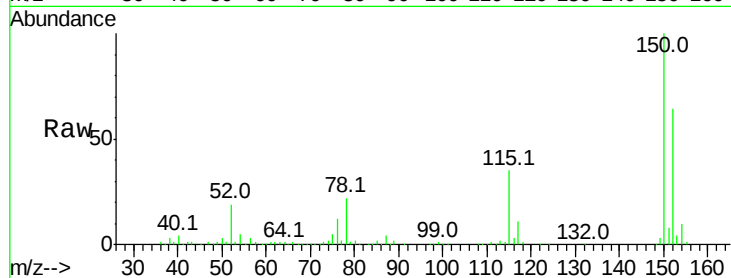
Tot Ion:152 Resp: 167619

Ion Ratio Lower Upper

152 100

150 155.3 124.9 187.3

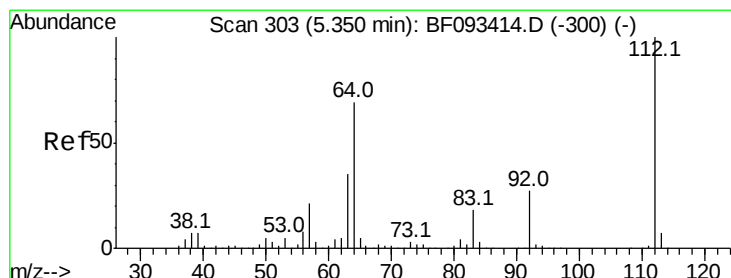
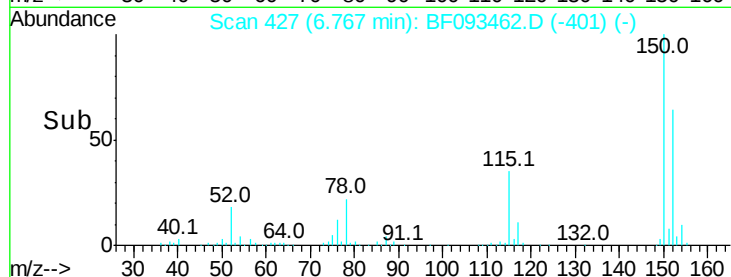
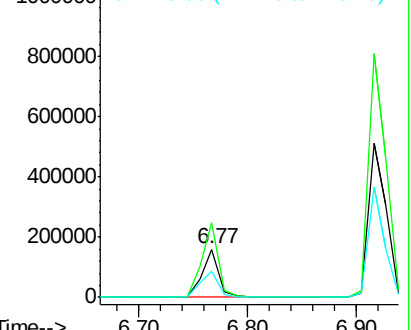
115 54.9 46.0 69.0



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: 137.87 ng

RT: 5.37 min Scan# 305

Delta R.T. 0.02 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

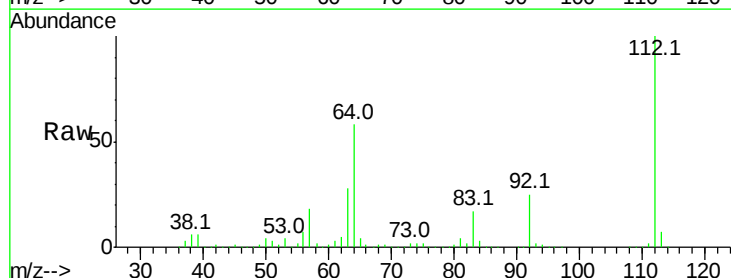
Tgt Ion:112 Resp: 1388490

Ion Ratio Lower Upper

112 100

64 57.5 46.1 69.1

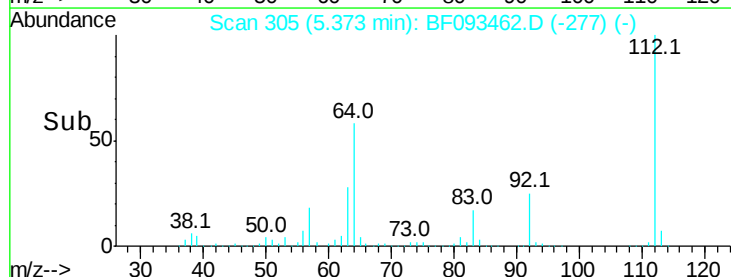
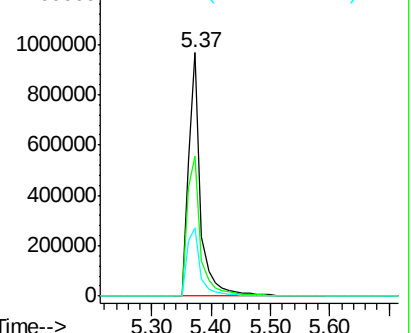
63 28.1 23.8 35.6

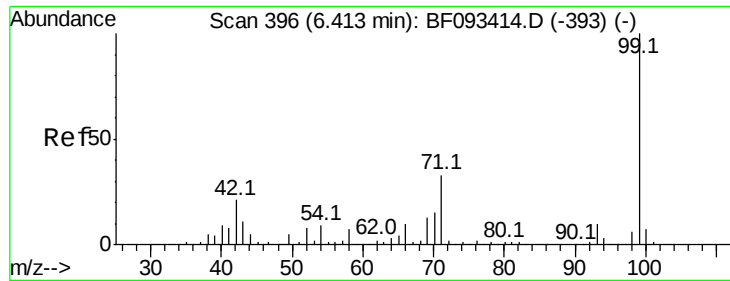


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.92 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Instrument :

BNA_F

ClientSampleId :

D-8

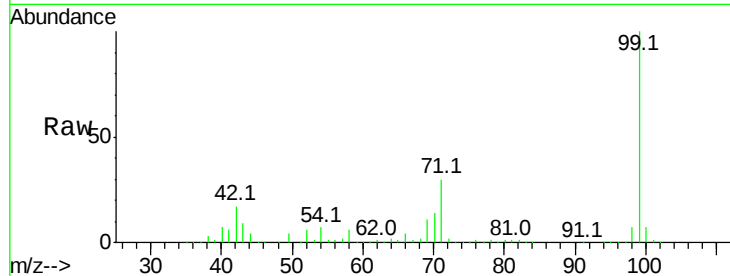
Tot Ion: 99 Resp: 1726195

Ion Ratio Lower Upper

99 100

42 17.1 15.6 23.4

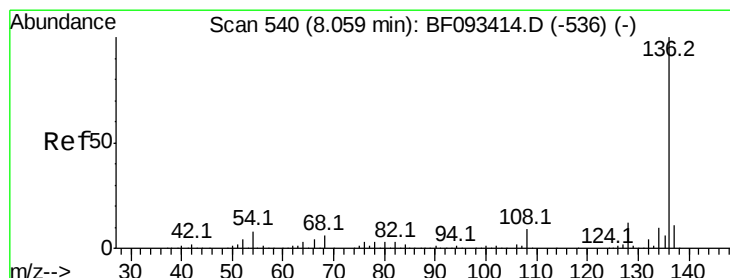
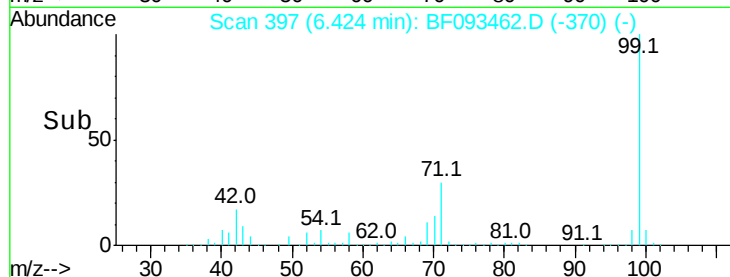
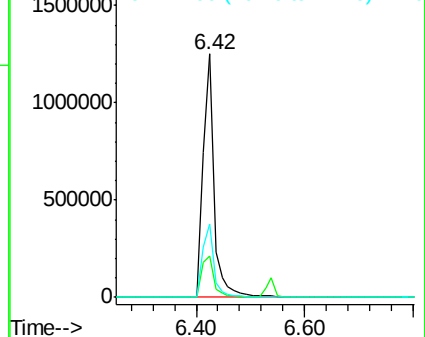
71 30.0 27.5 41.3



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: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093462.D

Acq: 9 Mar 2017 8:05

Tgt Ion: 136 Resp: 638293

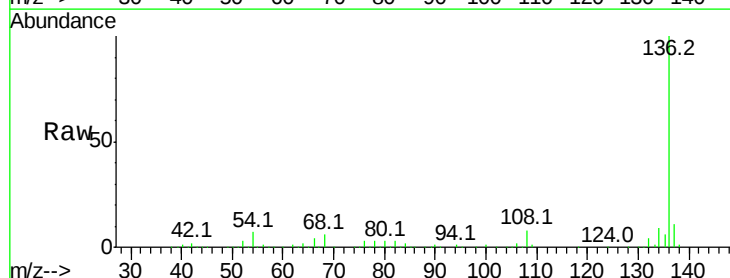
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 7.1 4.5 6.7#

68 5.5 3.6 5.4#

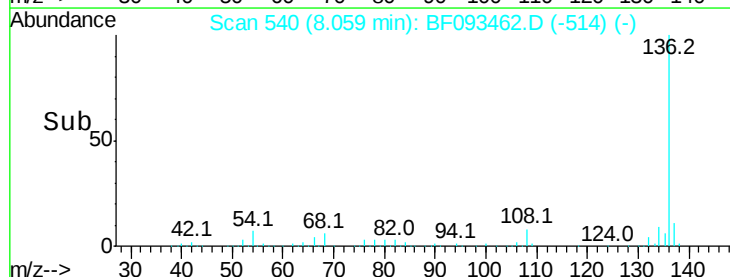
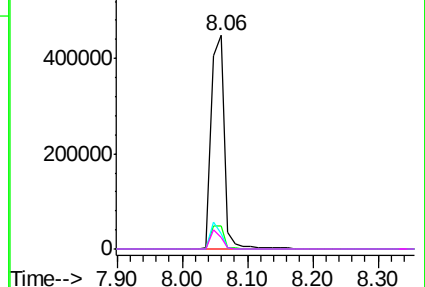


Abundance Ion 136.00 (135.70 to 136.70): E

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

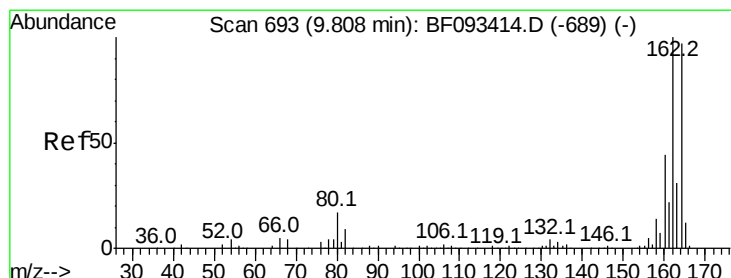
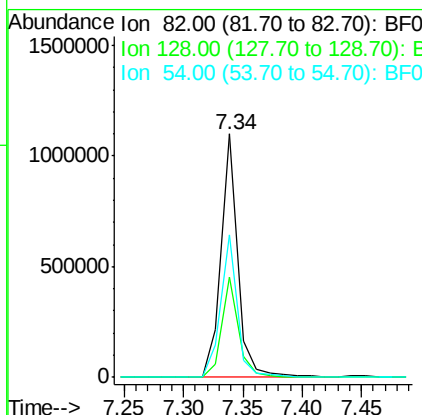
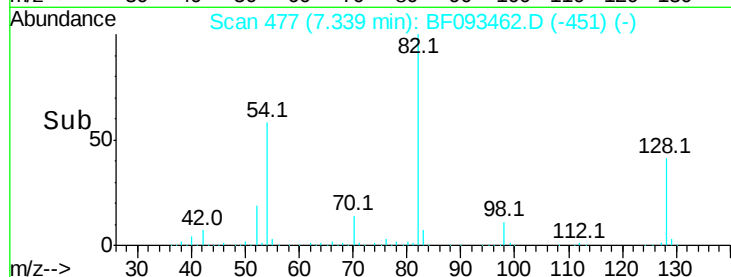
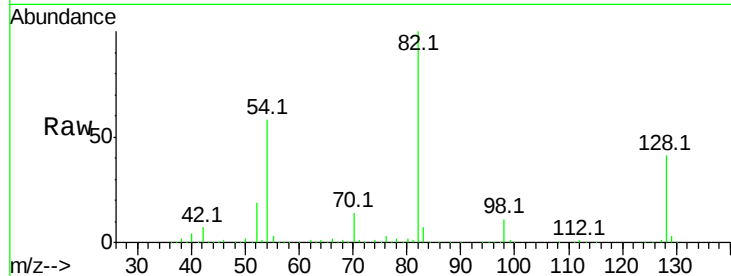




#23
 Nitrobenzene-d5
 Concen: 93.61 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

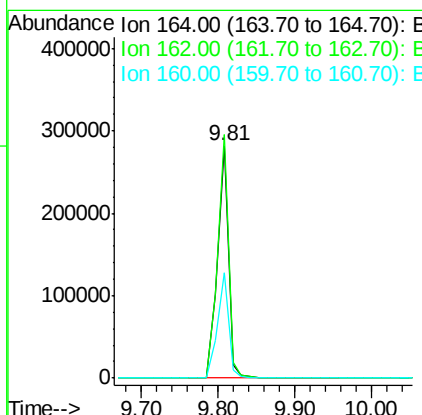
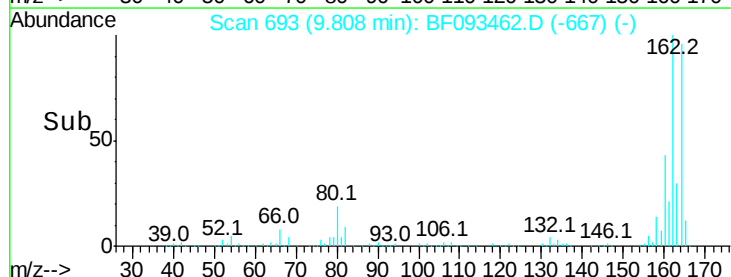
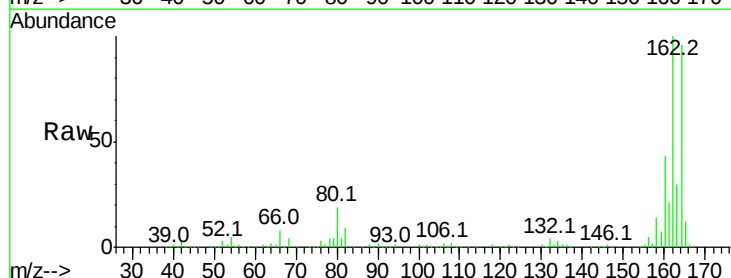
Instrument :
 BNA_F
 ClientSampleID :
 D-8

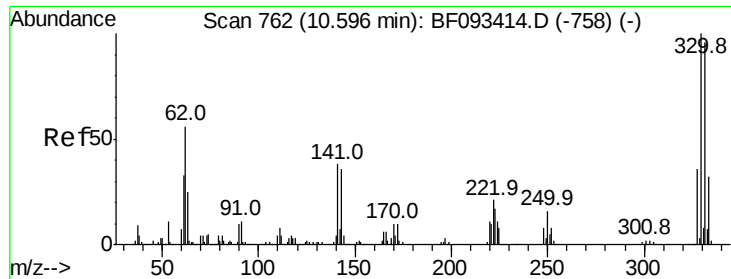
Tot Ion: 82 Resp: 1076864
 Ion Ratio Lower Upper
 82 100
 128 40.9 34.6 52.0
 54 58.4 39.5 59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Tgt Ion: 164 Resp: 280066
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 45.1 36.9 55.3

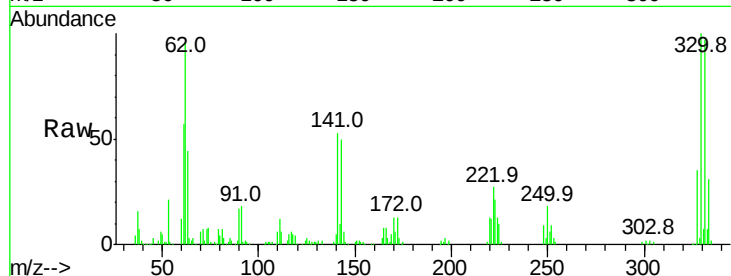




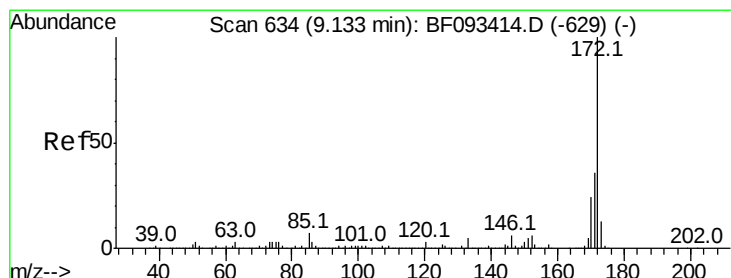
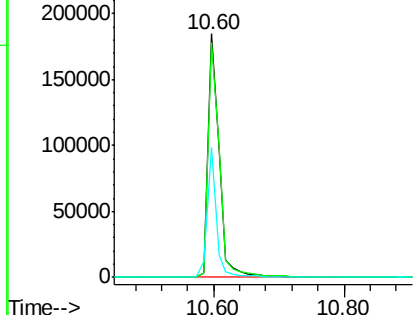
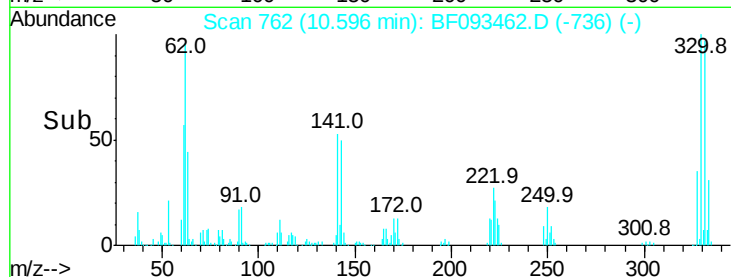
#41
 2,4,6-Tribromophenol
 Concen: 121.03 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Instrument :
 BNA_F
 ClientSampled :
 D-8

Tot Ion:330 Resp: 220838
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.4 116.2
 141 43.4 34.1 51.1

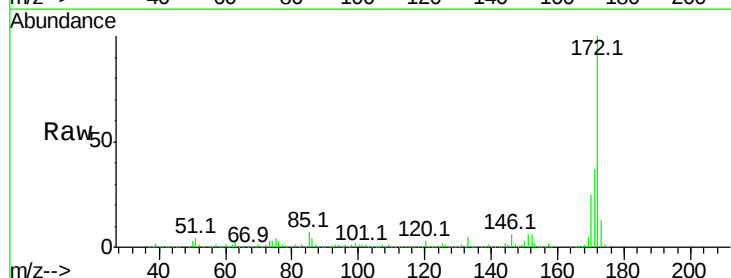


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

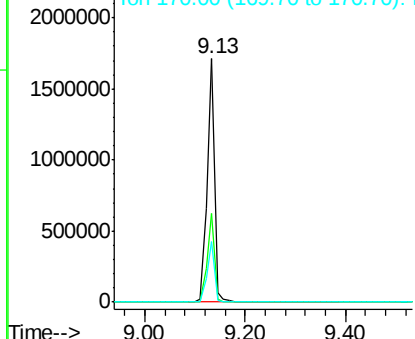
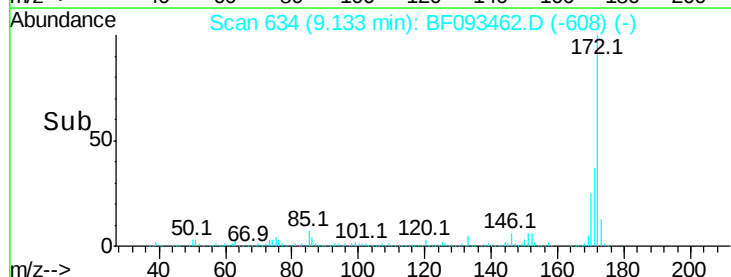


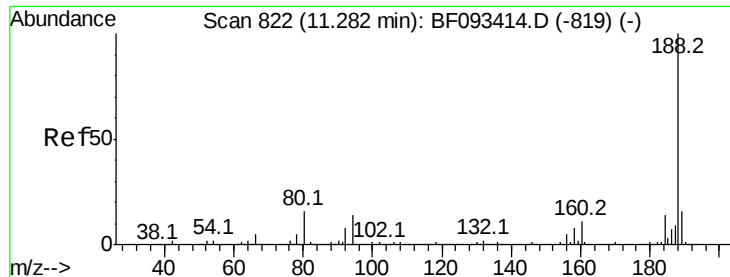
#44
 2-Fluorobiphenyl
 Concen: 115.24 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Tgt Ion:172 Resp: 1735235
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.0 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

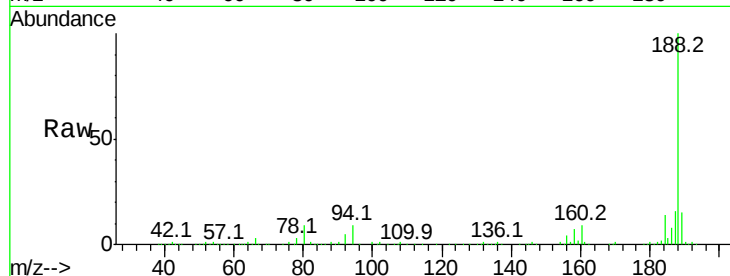




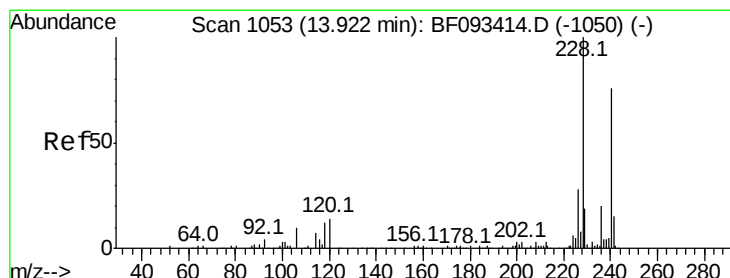
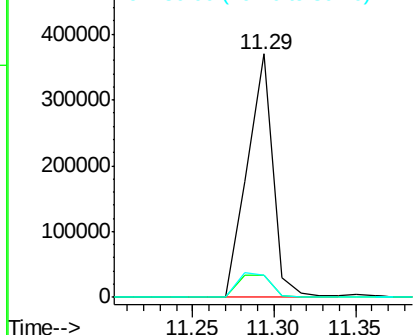
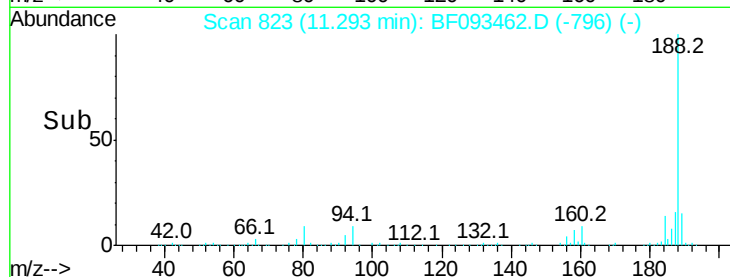
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Instrument :
BNA_F
ClientSampleId :
D-8

Tot Ion:188 Resp: 402575
Ion Ratio Lower Upper
188 100
94 8.9 10.0 15.0#
80 9.1 11.2 16.8#

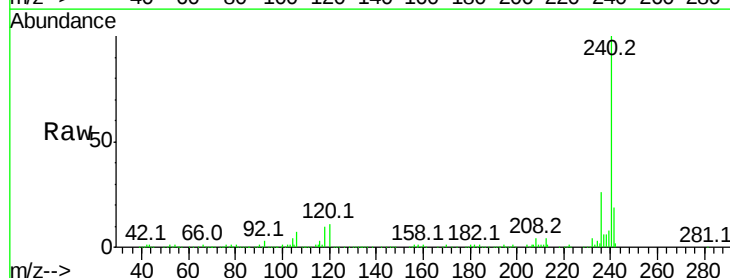


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

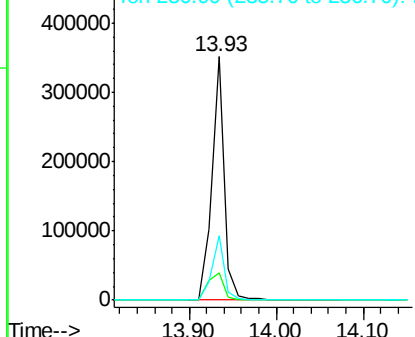
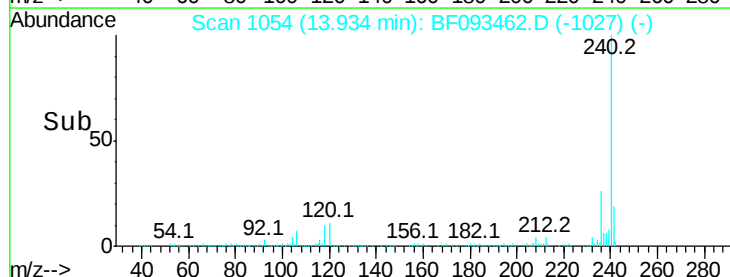


#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093462.D
Acq: 9 Mar 2017 8:05

Tgt Ion:240 Resp: 352246
Ion Ratio Lower Upper
240 100
120 11.2 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



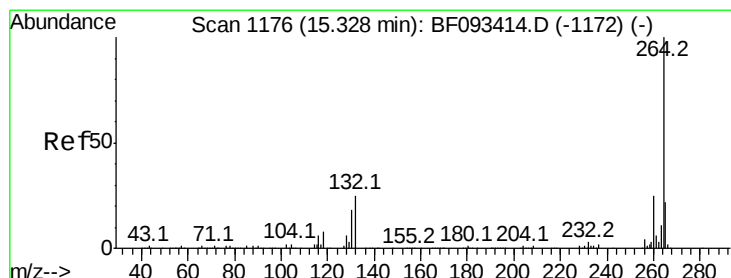
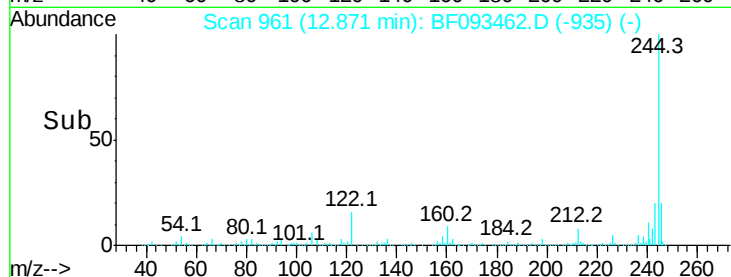
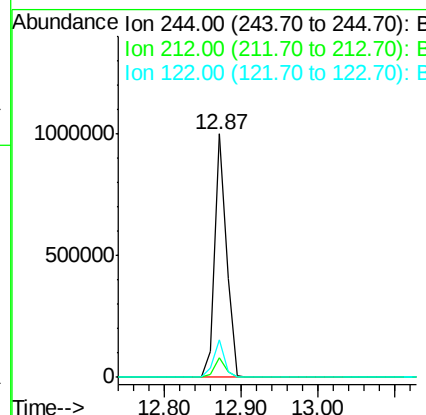
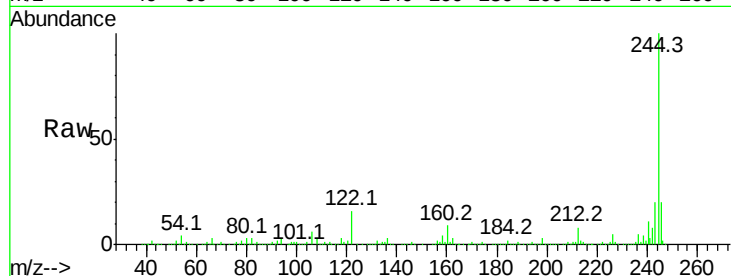


#78
 Terphenyl-d14
 Concen: 77.84 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Instrument :
 BNA_F
 ClientSampleID :
 D-8

Tot Ion:244 Resp: 1054537

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	15.5	11.4	17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093462.D
 Acq: 9 Mar 2017 8:05

Tgt Ion:264 Resp: 271042

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.2	28.8
265	21.6	17.4	26.0

