

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093511.D
 Acq On : 10 Mar 2017 8:39
 Operator : SJ/MA
 Sample : I2132-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Quant Time: Mar 10 11:01:27 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

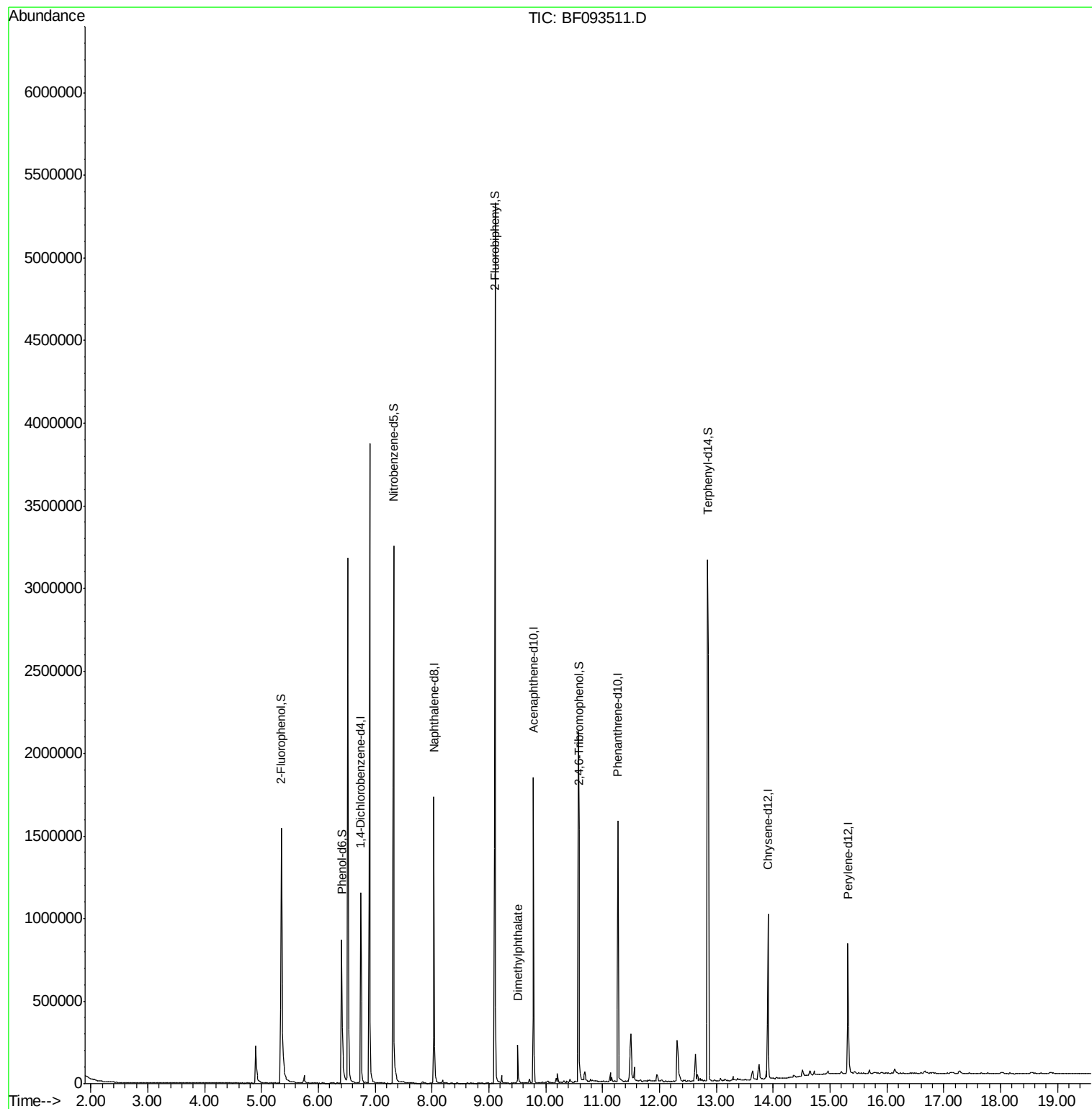
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	197414	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	762471	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	352302	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	583401	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	371309	20.00	ng	-0.01
86) Perylene-d12	15.32	264	347245	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	642272	54.15	ng	0.00
7) Phenol-d6	6.41	99	556018	37.17	ng	0.00
23) Nitrobenzene-d5	7.33	82	1302844	94.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	316055	137.70	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1650958	87.17	ng	-0.02
78) Terphenyl-d14	12.85	244	1364563	95.55	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.51	163	90321	3.87	ng	Qvalue 99

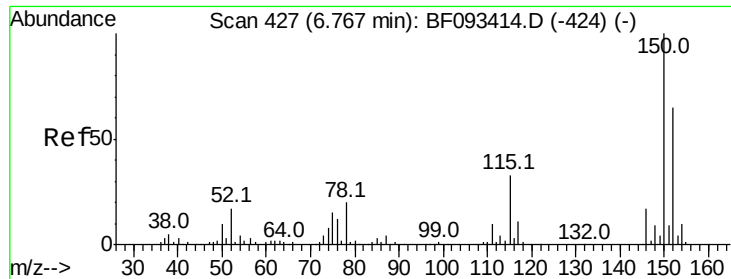
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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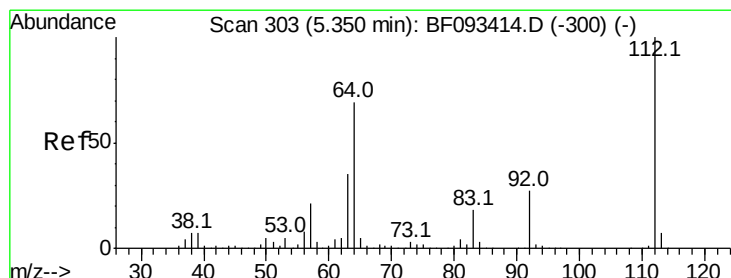
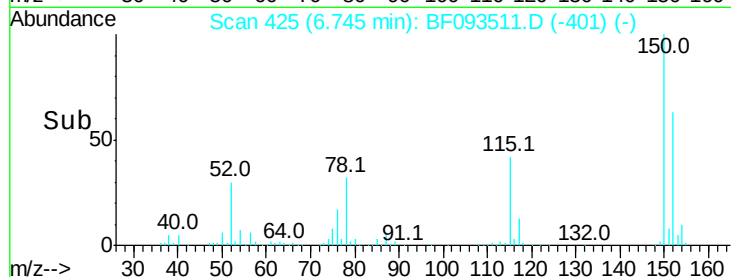
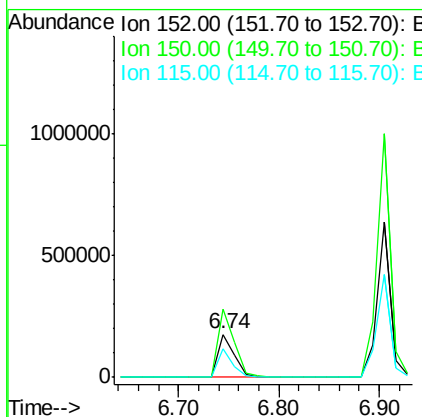
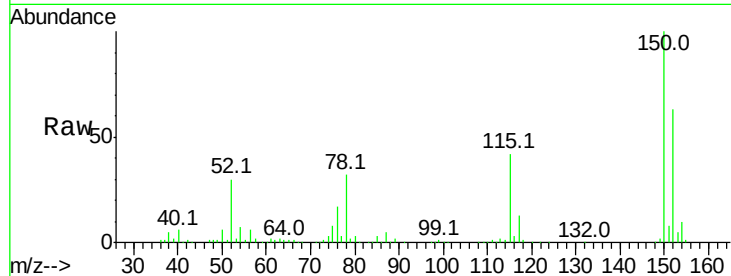


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093511.D
Acq: 10 Mar 2017 8:39

Instrument :
BNA_F
ClientSampled :
W-07

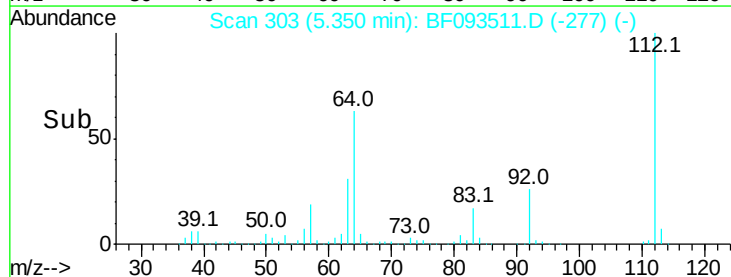
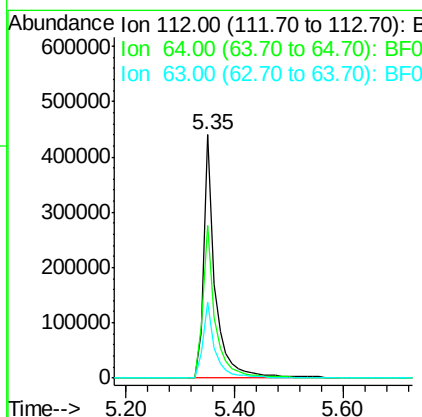
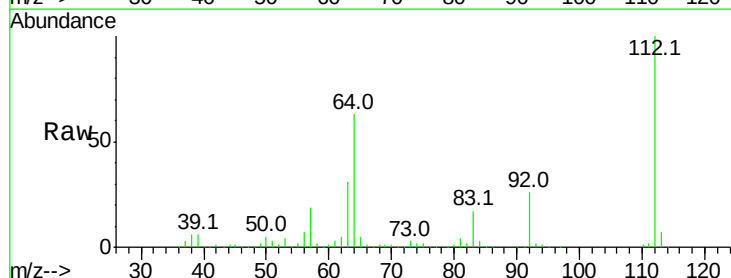
Tot Ion:152 Resp: 197414
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 66.8 46.0 69.0

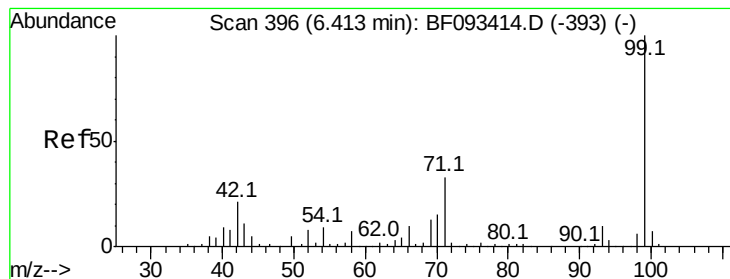


#5

2-Fluorophenol
Concen: 54.15 ng
RT: 5.35 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF093511.D
Acq: 10 Mar 2017 8:39

Tgt Ion:112 Resp: 642272
Ion Ratio Lower Upper
112 100
64 62.8 46.1 69.1
63 31.2 23.8 35.6





#7

Phenol-d6

Concen: 37.17 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

Instrument :

BNA_F

ClientSampleId :

W-07

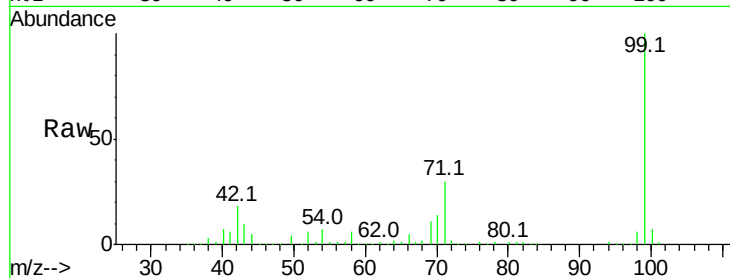
Tot Ion: 99 Resp: 556018

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

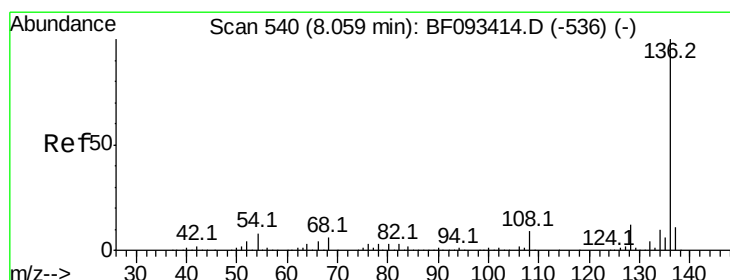
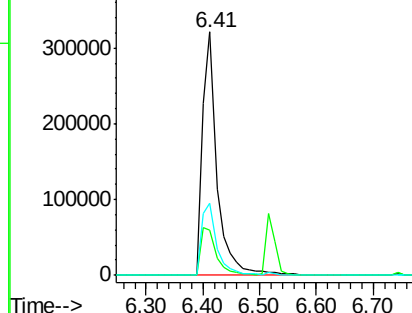
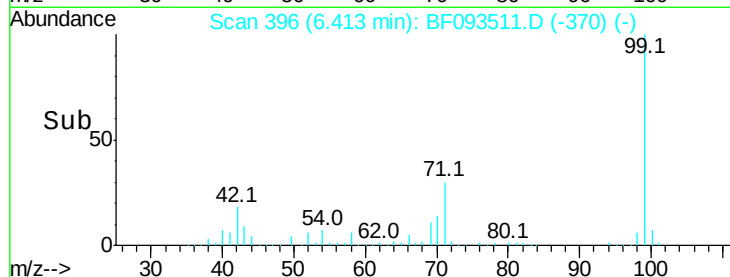
71 29.8 27.5 41.3



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: 8.04 min Scan# 538

Delta R.T. -0.02 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

Tgt Ion: 136 Resp: 762471

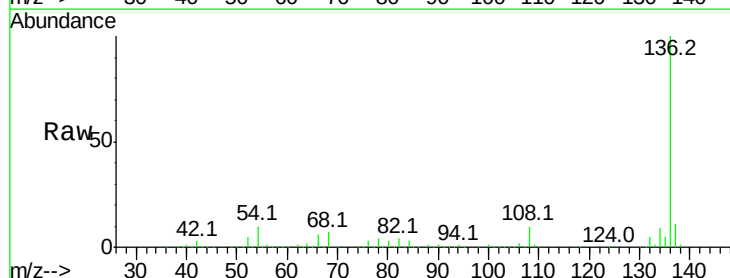
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.6 4.5 6.7#

68 6.8 3.6 5.4#

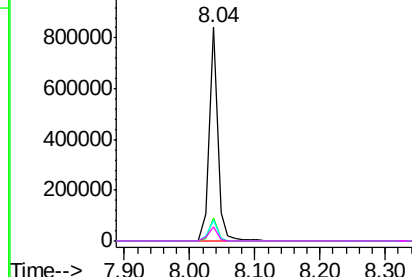
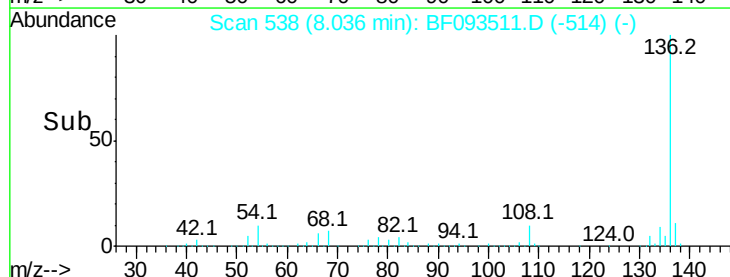


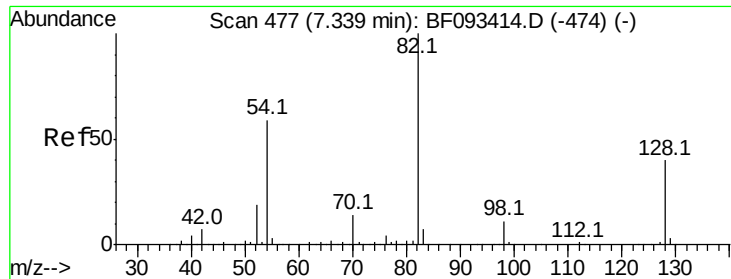
Abundance Ion 136.00 (135.70 to 136.70): E

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

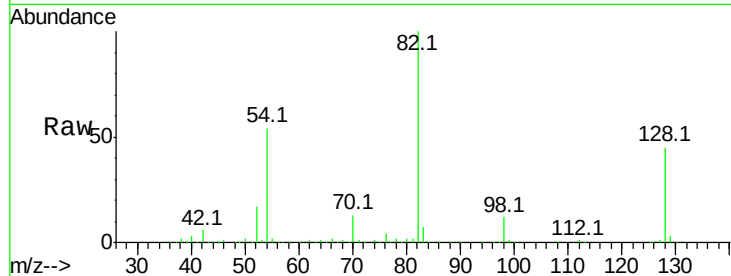




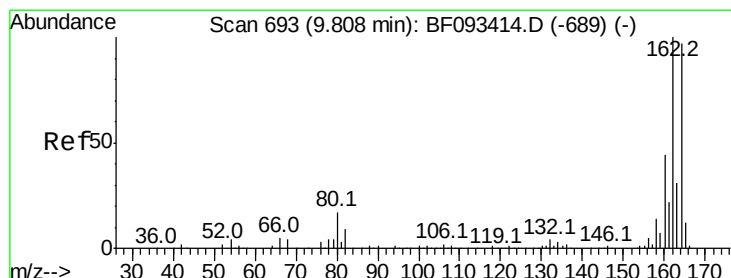
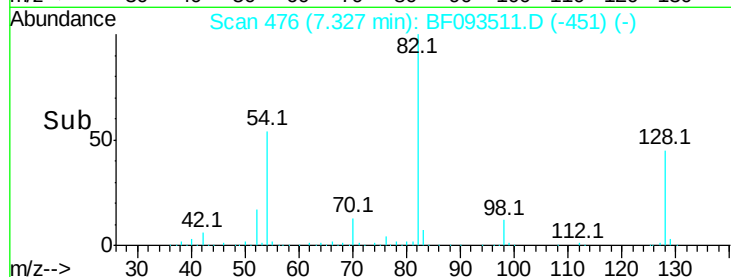
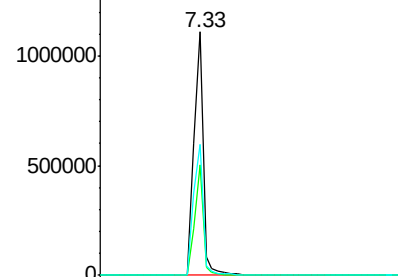
#23
Nitrobenzene-d5
Concen: 94.81 ng
RT: 7.33 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF093511.D
Acq: 10 Mar 2017 8:39

Instrument :
BNA_F
ClientSampled :
W-07

Tot Ion: 82 Resp: 1302844
Ion Ratio Lower Upper
82 100
128 45.3 34.6 52.0
54 54.0 39.5 59.3

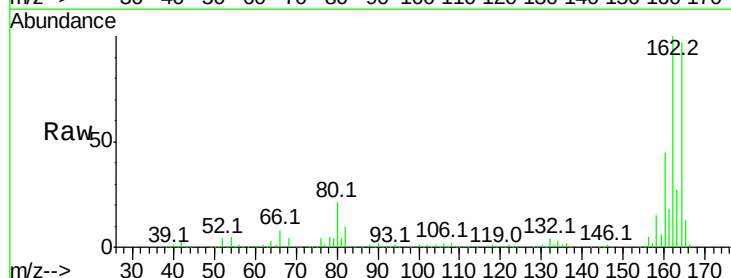


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

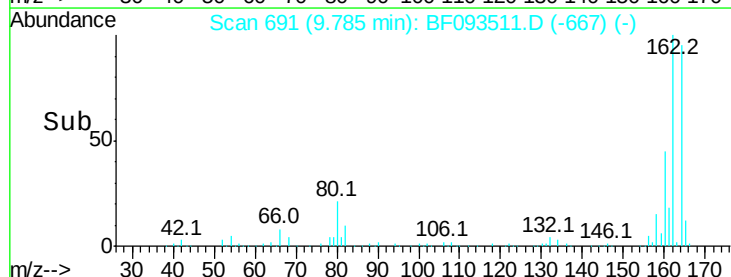
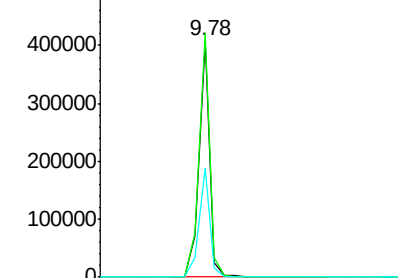


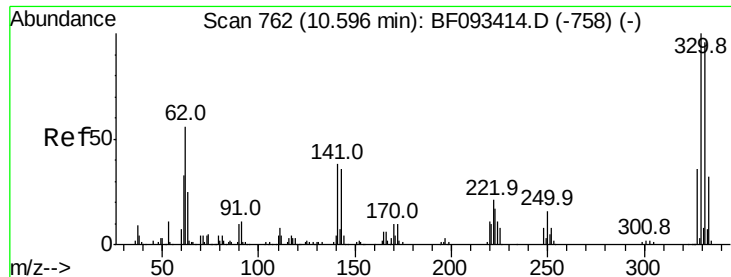
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 691
Delta R.T. -0.02 min
Lab File: BF093511.D
Acq: 10 Mar 2017 8:39

Tgt Ion:164 Resp: 352302
Ion Ratio Lower Upper
164 100
162 102.9 80.2 120.2
160 46.0 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

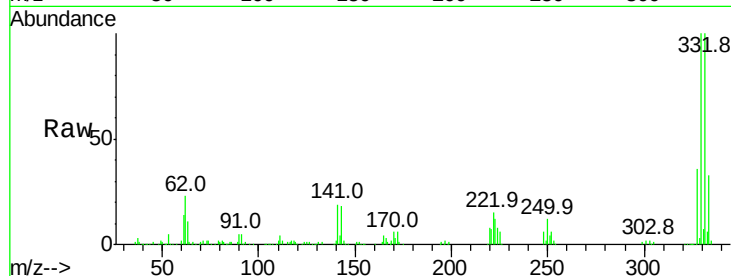




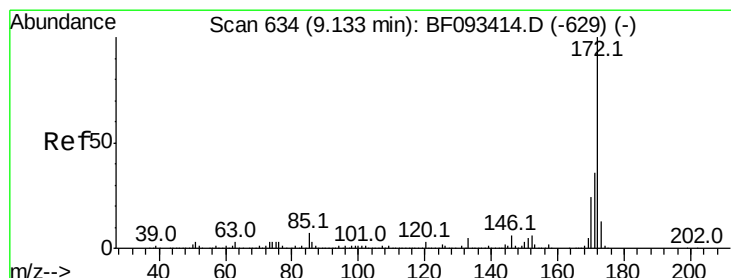
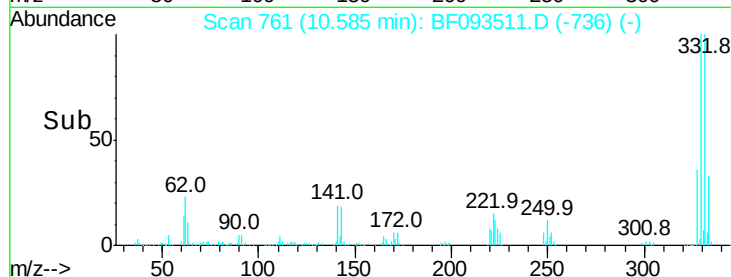
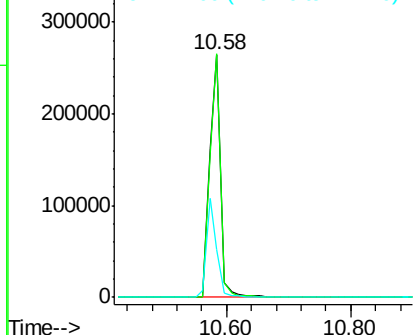
#41
 2,4,6-Tribromophenol
 Concen: 137.70 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093511.D
 Acq: 10 Mar 2017 8:39

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Tot Ion:330 Resp: 316055
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.4 116.2
 141 38.7 34.1 51.1

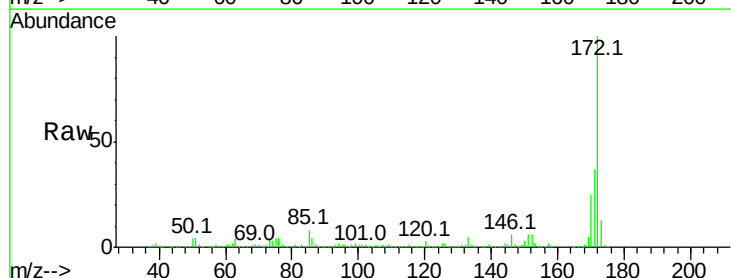


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

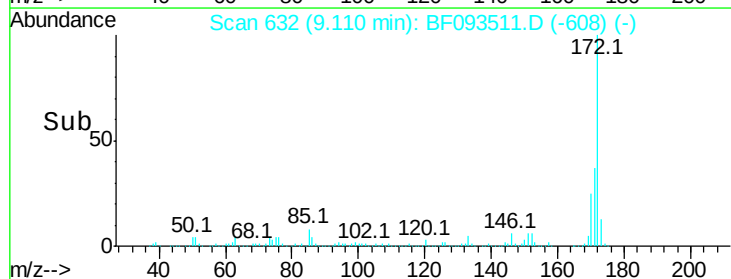
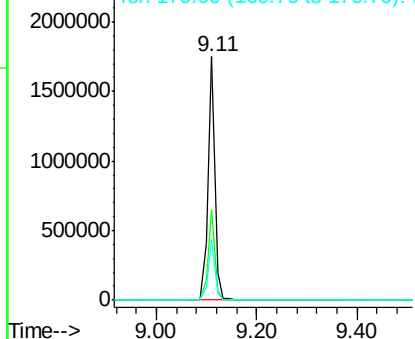


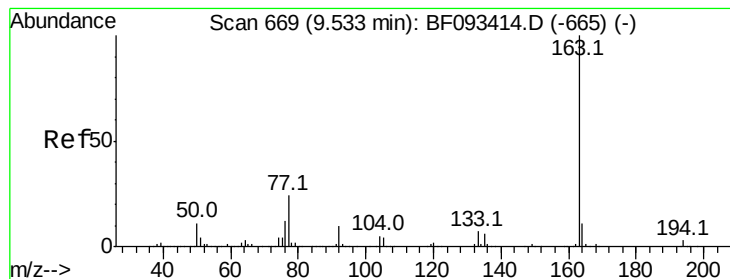
#44
 2-Fluorobiphenyl
 Concen: 87.17 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093511.D
 Acq: 10 Mar 2017 8:39

Tgt Ion:172 Resp: 1650958
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.9 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





#49

Dimethylphthalate

Concen: 3.87 ng

RT: 9.51 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

Instrument :

BNA_F

ClientSampleId :

W-07

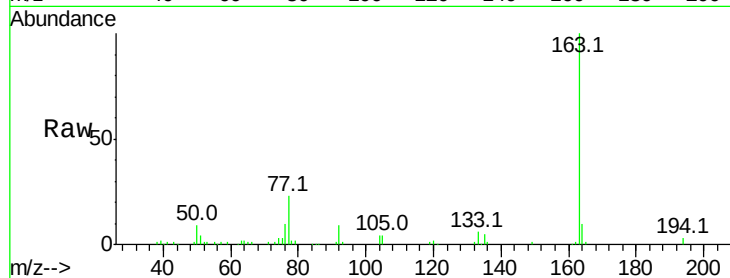
Tot Ion:163 Resp: 90321

Ion Ratio Lower Upper

163 100

194 3.2 3.0 4.4

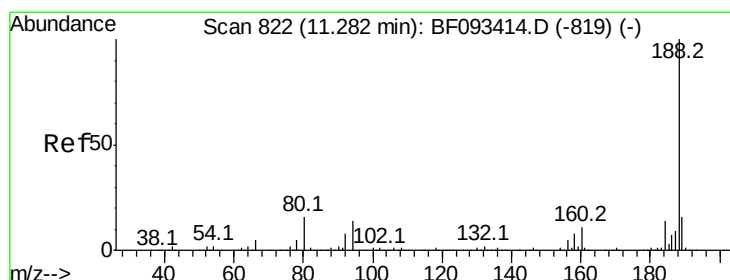
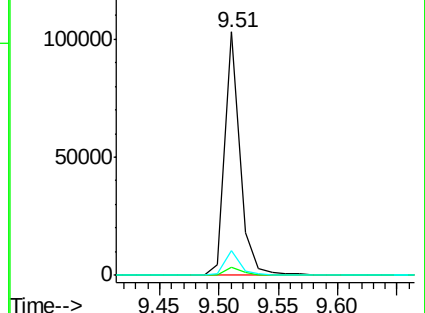
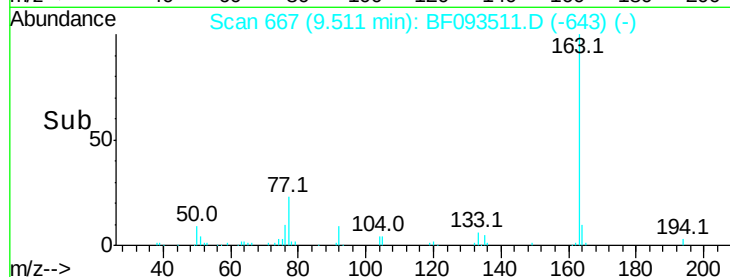
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

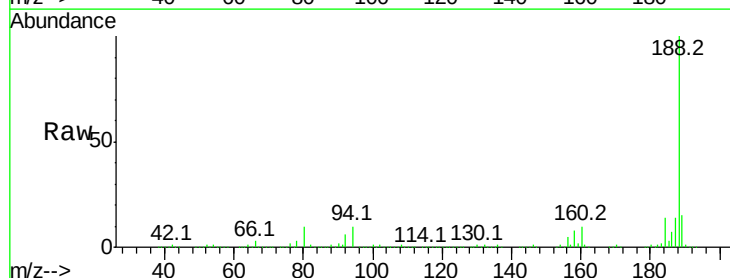
Tgt Ion:188 Resp: 583401

Ion Ratio Lower Upper

188 100

94 10.1 10.0 15.0

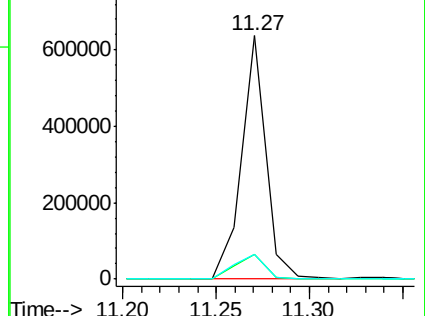
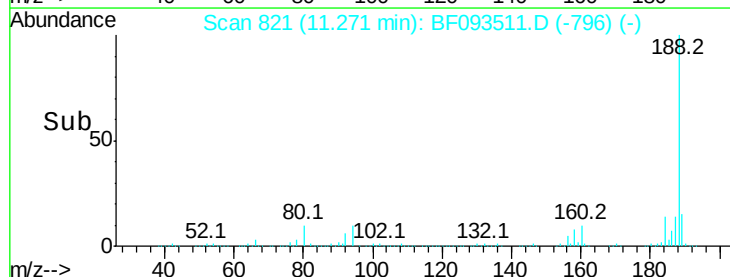
80 10.1 11.2 16.8#

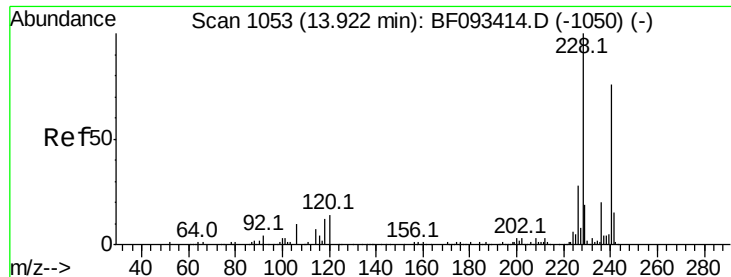


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

Instrument :

BNA_F

ClientSampled :

W-07

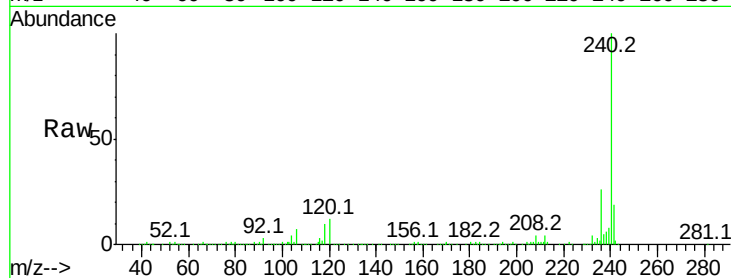
Tot Ion:240 Resp: 371309

Ion Ratio Lower Upper

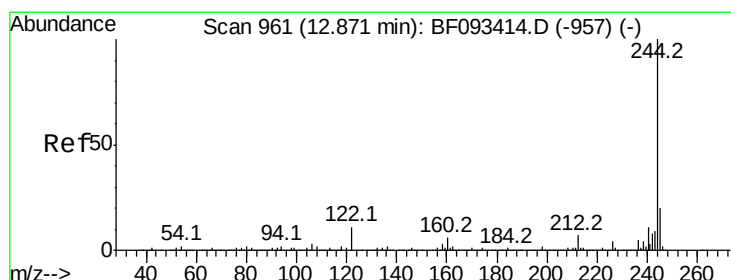
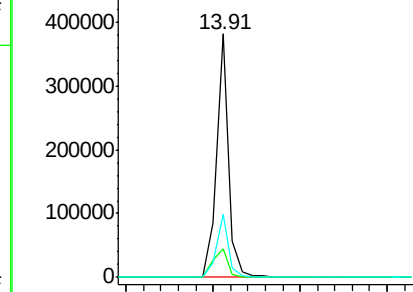
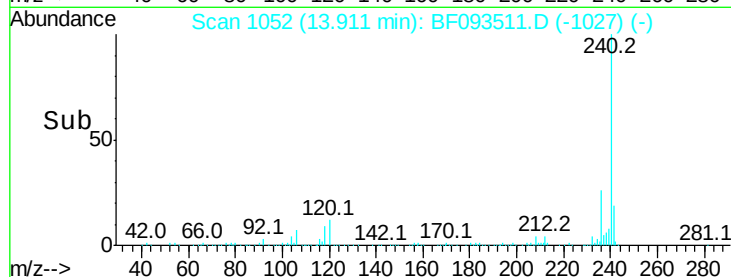
240 100

120 11.5 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: 95.55 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093511.D

Acq: 10 Mar 2017 8:39

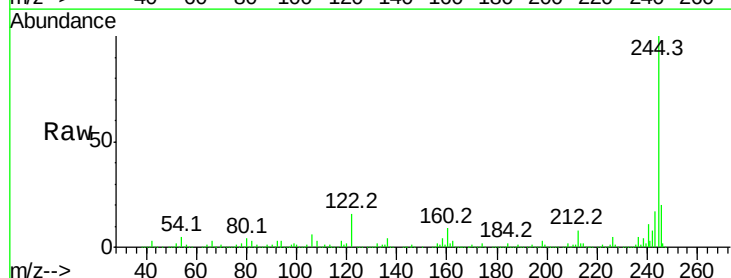
Tgt Ion:244 Resp: 1364563

Ion Ratio Lower Upper

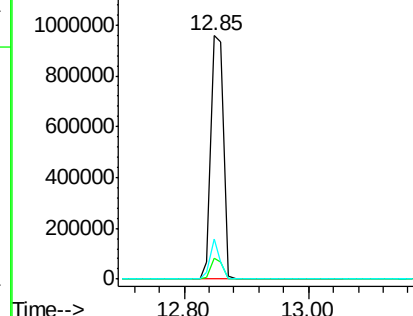
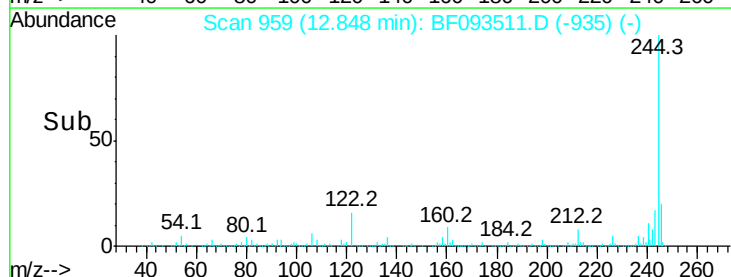
244 100

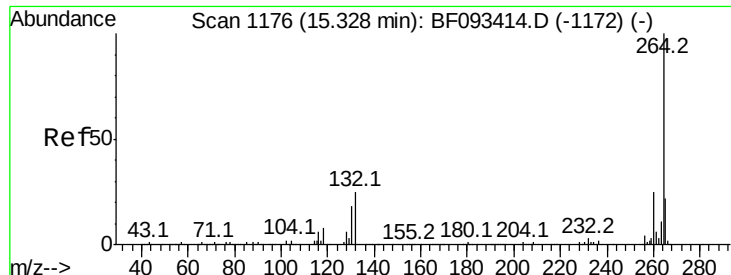
212 8.4 6.2 9.2

122 16.4 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

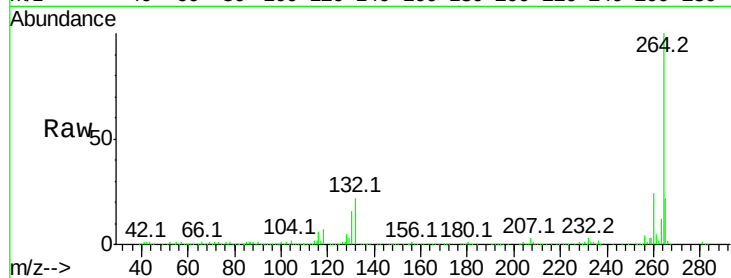




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BF093511.D
Acq: 10 Mar 2017 8:39

Instrument :
BNA_F
ClientSampleId :
W-07

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	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

