

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093539.D
 Acq On : 10 Mar 2017 23:10
 Operator : SJ/MA
 Sample : I2198-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Quant Time: Mar 11 03:34:43 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

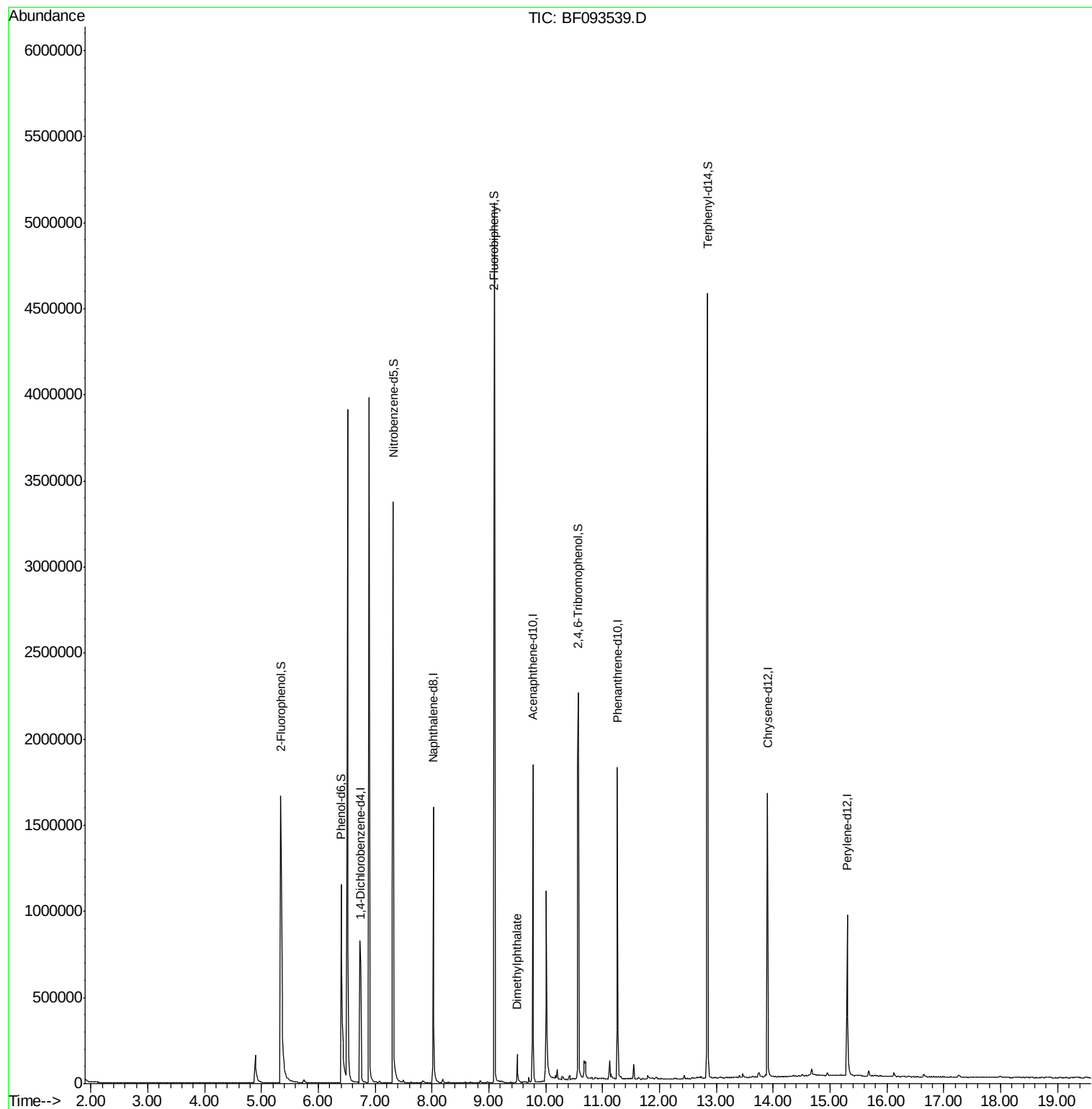
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	178736	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	720728	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	341116	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	636820	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	572272	20.00	ng	-0.02
86) Perylene-d12	15.31	264	405842	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	798079	74.31	ng	-0.01
7) Phenol-d6	6.40	99	705616	52.10	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1214589	93.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	351871	158.33	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1629857	88.87	ng	-0.03
78) Terphenyl-d14	12.85	244	1679186	76.29	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.50	163	70804	3.13	ng	Qvalue 99

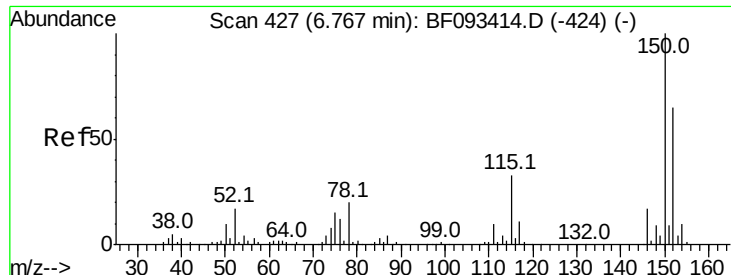
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 07 15:55:22 2017
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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: BF093539.D

Acq: 10 Mar 2017 23:10

Instrument :

BNA_F

ClientSampled :

W-22

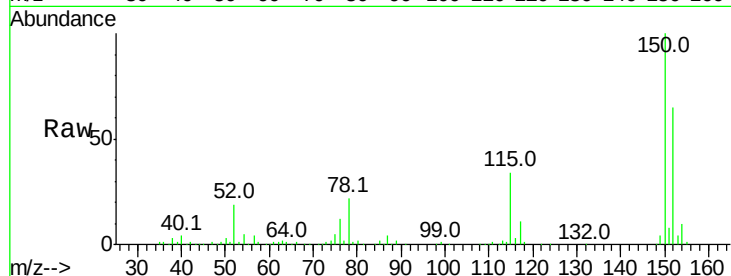
Tot Ion:152 Resp: 178736

Ion Ratio Lower Upper

152 100

150 152.7 124.9 187.3

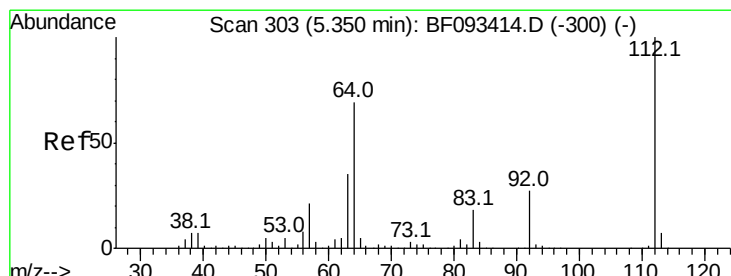
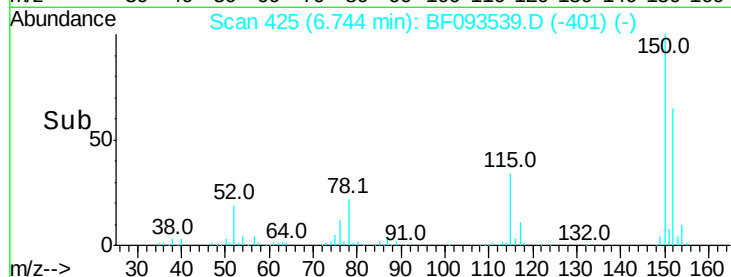
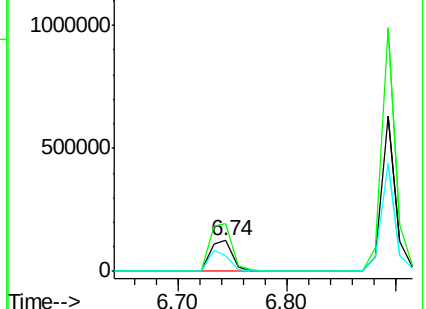
115 52.6 46.0 69.0



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: 74.31 ng

RT: 5.34 min Scan# 302

Delta R.T. -0.01 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

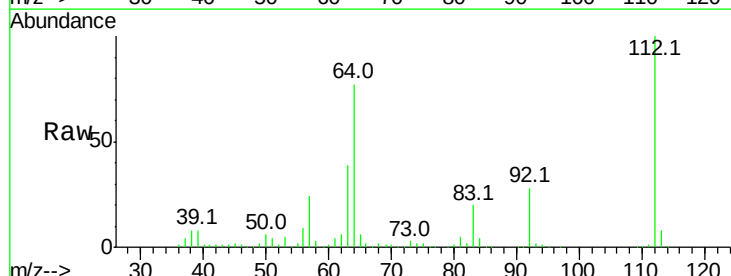
Tgt Ion:112 Resp: 798079

Ion Ratio Lower Upper

112 100

64 76.8 46.1 69.1#

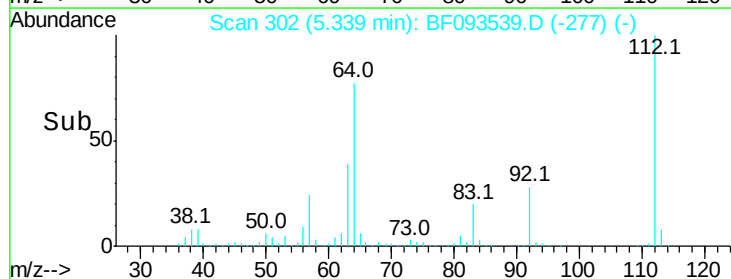
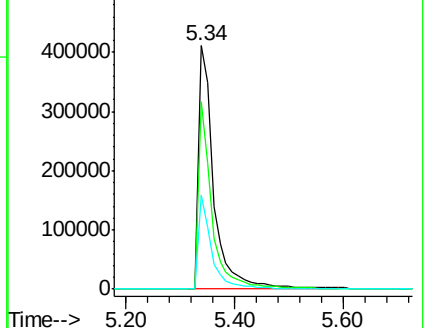
63 38.7 23.8 35.6#

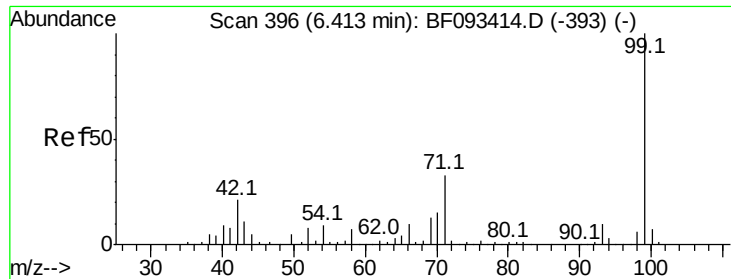


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.10 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

Instrument :

BNA_F

ClientSampleId :

W-22

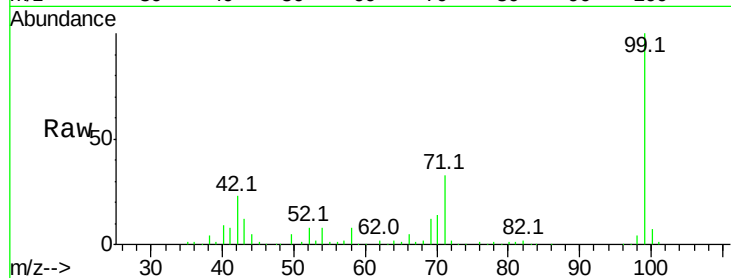
Tot Ion: 99 Resp: 705616

Ion Ratio Lower Upper

99 100

42 22.8 15.6 23.4

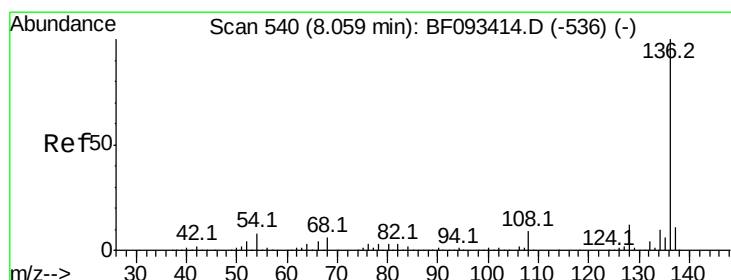
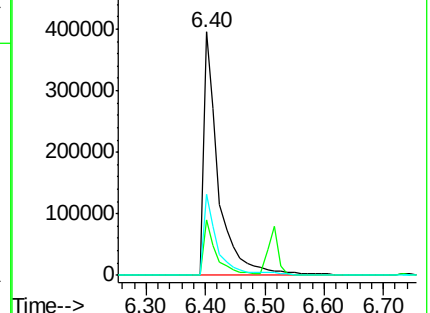
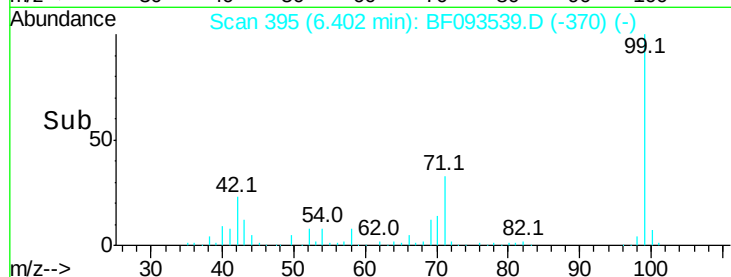
71 33.4 27.5 41.3



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: 8.02 min Scan# 537

Delta R.T. -0.03 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

Tgt Ion: 136 Resp: 720728

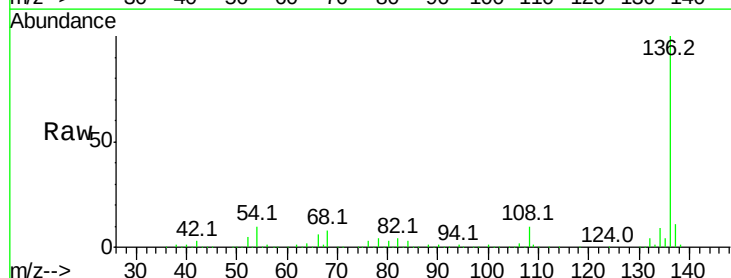
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.2 4.5 6.7#

68 7.6 3.6 5.4#

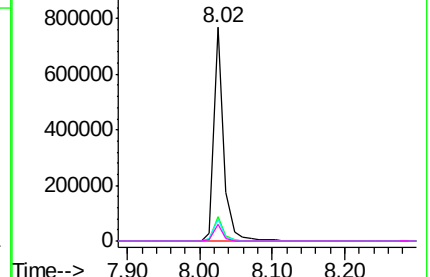
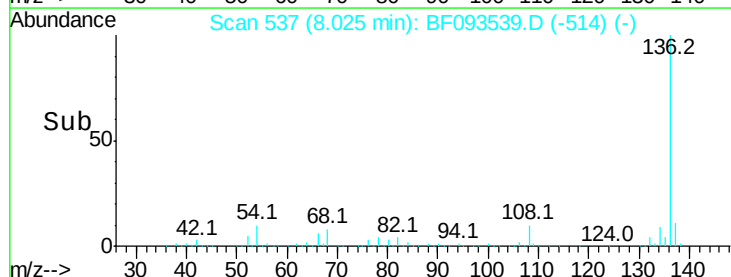


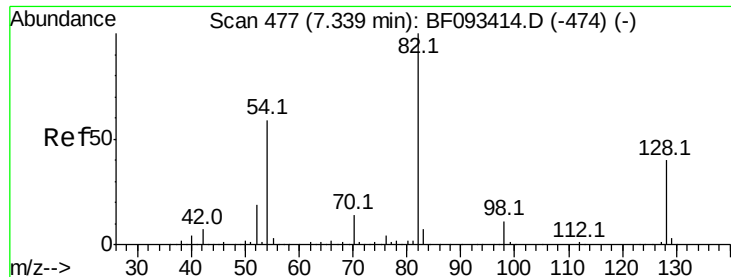
Abundance Ion 136.00 (135.70 to 136.70): E

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



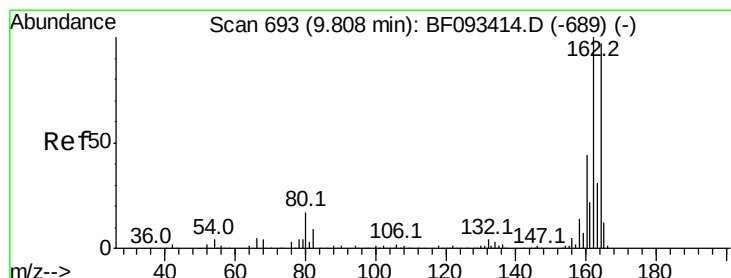
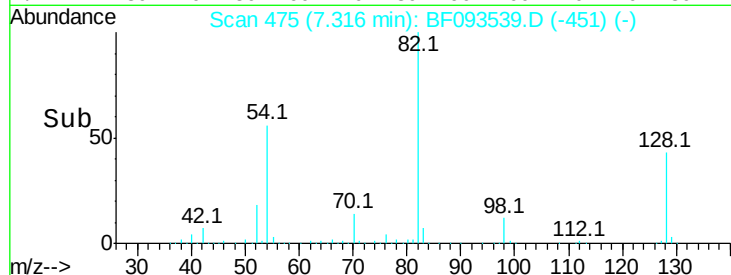
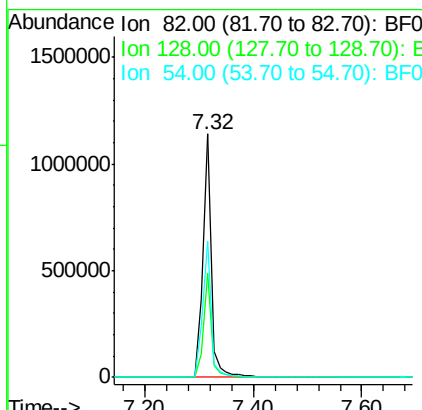
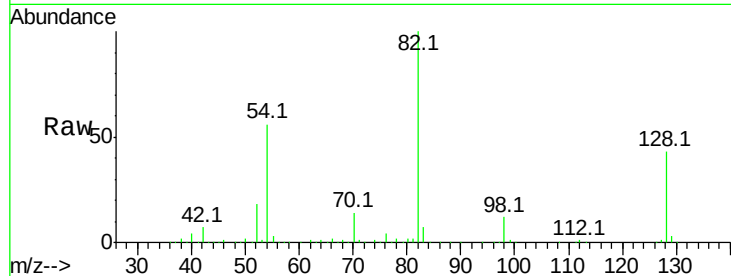


#23
 Nitrobenzene-d5
 Concen: 93.50 ng
 RT: 7.32 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF093539.D
 Acq: 10 Mar 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion: 82 Resp: 1214589

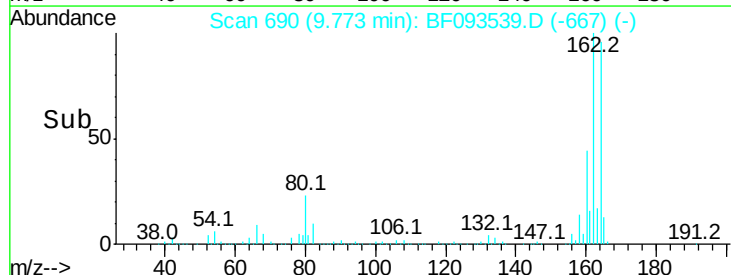
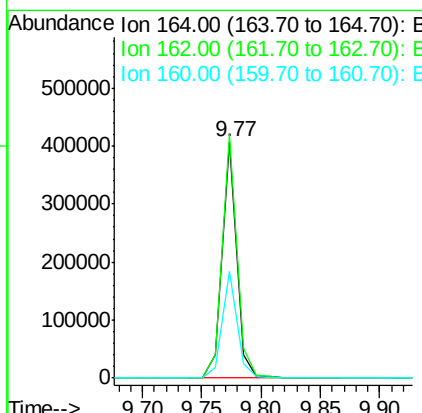
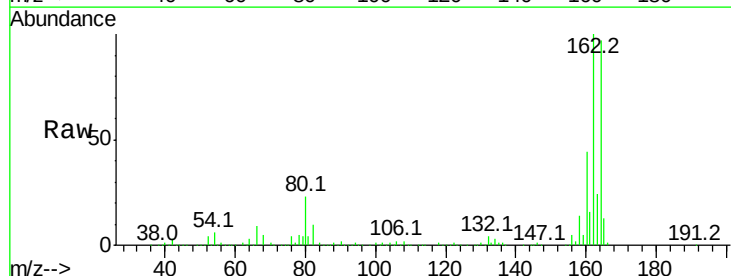
Ion	Ratio	Lower	Upper
82	100		
128	42.9	34.6	52.0
54	56.1	39.5	59.3

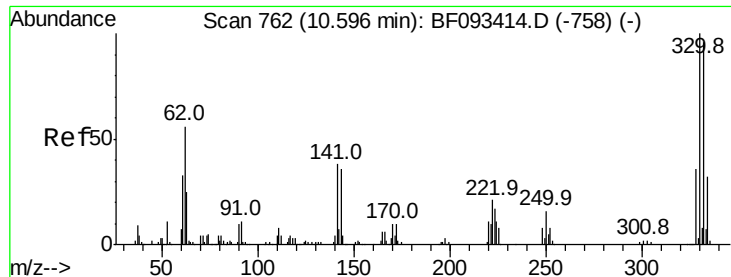


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 690
 Delta R.T. -0.03 min
 Lab File: BF093539.D
 Acq: 10 Mar 2017 23:10

Tgt Ion: 164 Resp: 341116

Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.2	120.2
160	45.0	36.9	55.3

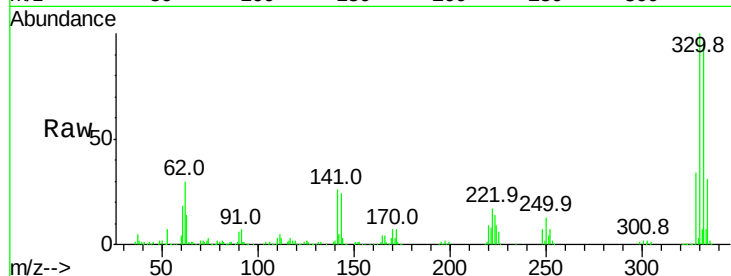




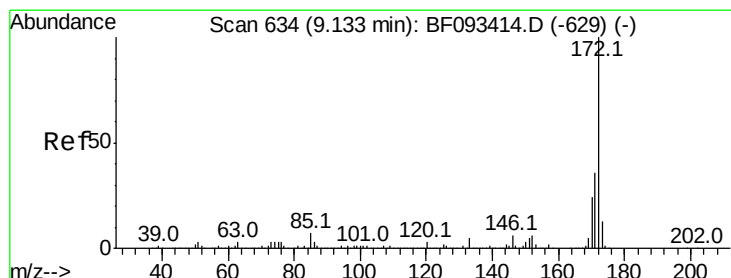
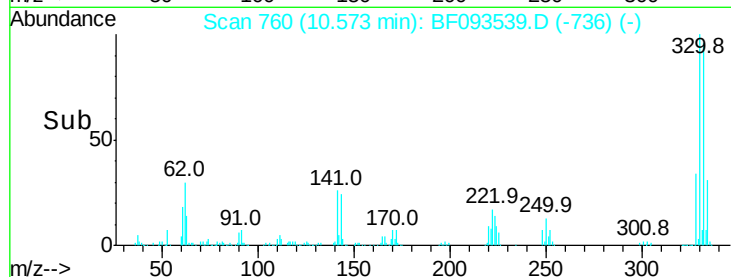
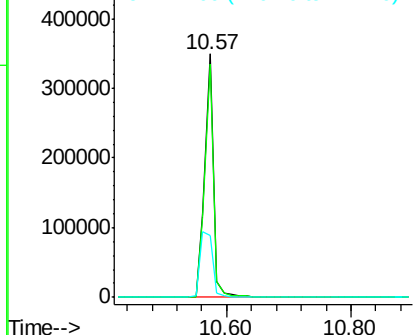
#41
 2,4,6-Tribromophenol
 Concen: 158.33 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093539.D
 Acq: 10 Mar 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion:330 Resp: 351871
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 39.0 34.1 51.1

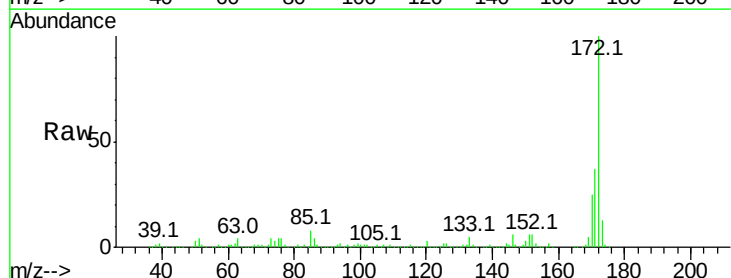


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

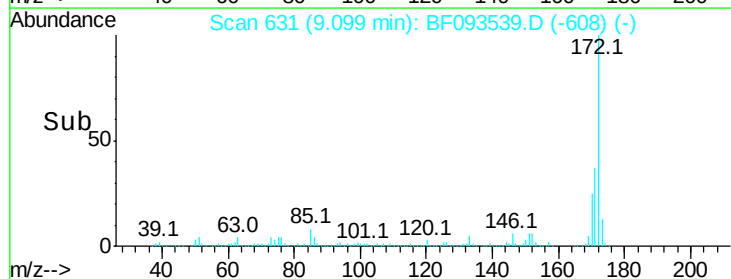
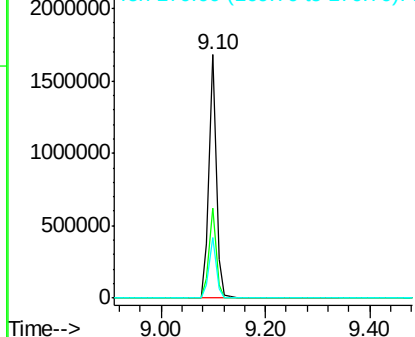


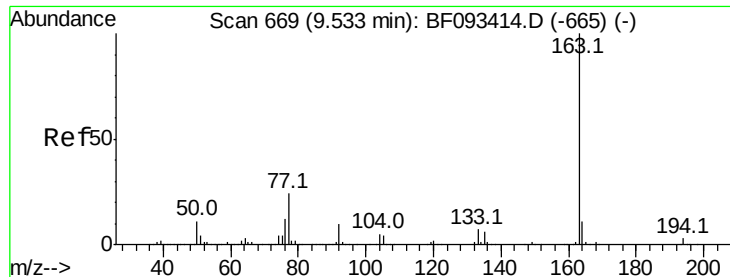
#44
 2-Fluorobiphenyl
 Concen: 88.87 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093539.D
 Acq: 10 Mar 2017 23:10

Tgt Ion:172 Resp: 1629857
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.8 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: 3.13 ng

RT: 9.50 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

Instrument :

BNA_F

ClientSampled :

W-22

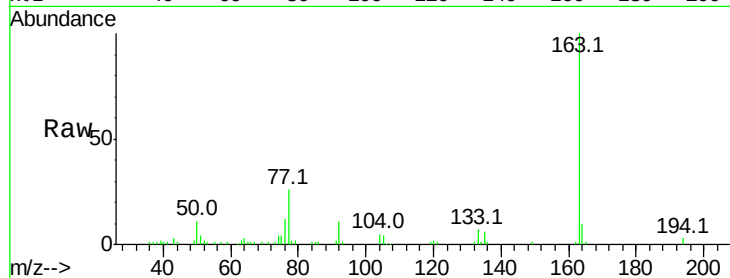
Tot Ion:163 Resp: 70804

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

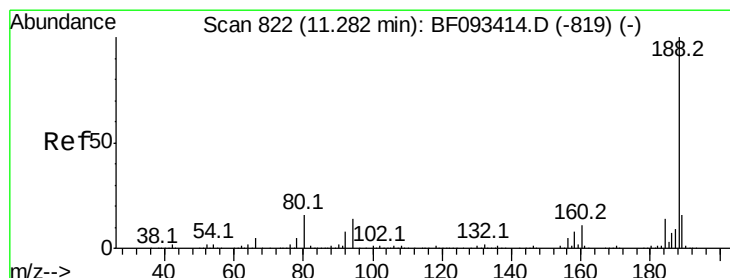
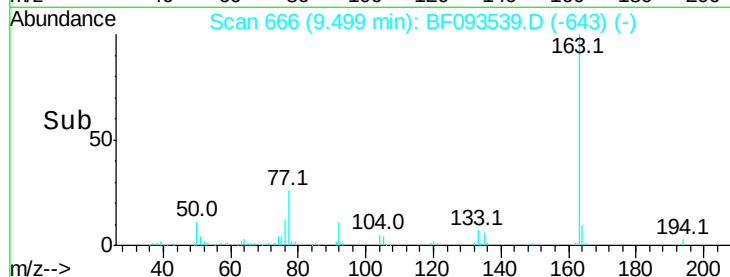
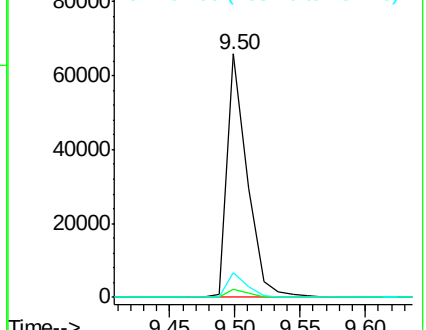
164 10.4 8.0 12.0



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: 11.26 min Scan# 820

Delta R.T. -0.02 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

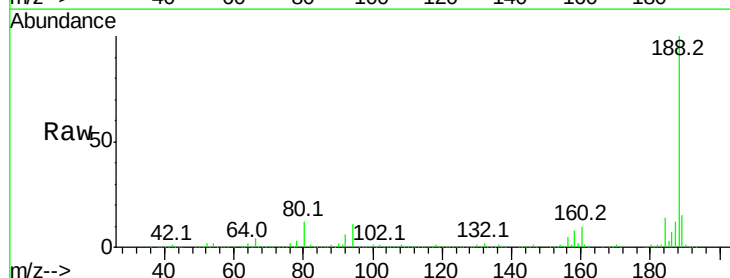
Tgt Ion:188 Resp: 636820

Ion Ratio Lower Upper

188 100

94 11.2 10.0 15.0

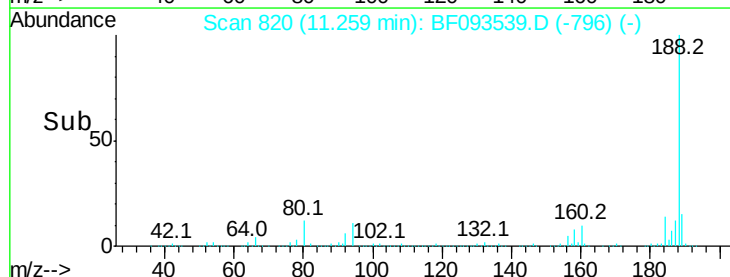
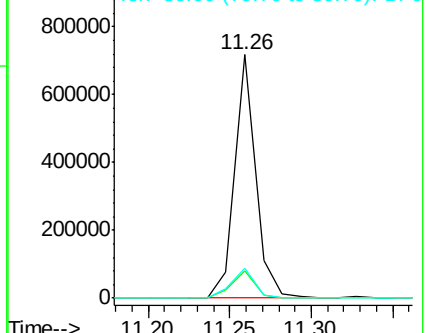
80 12.3 11.2 16.8

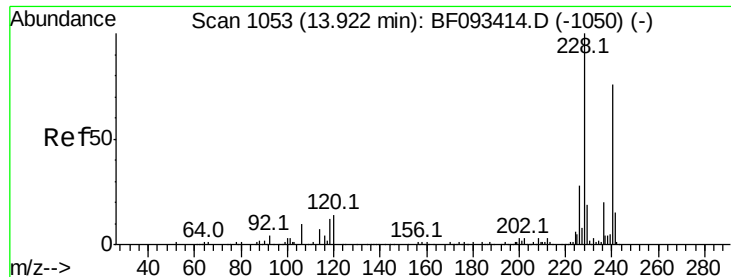


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

Instrument :

BNA_F

ClientSampleId :

W-22

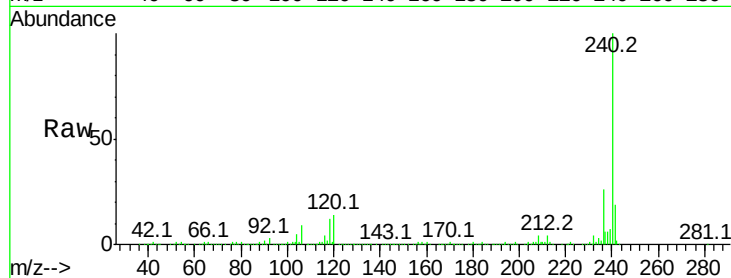
Tot Ion:240 Resp: 572272

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

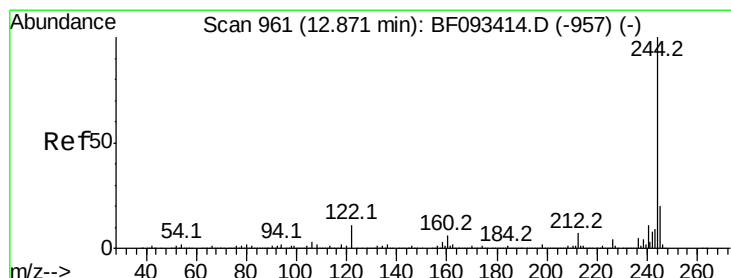
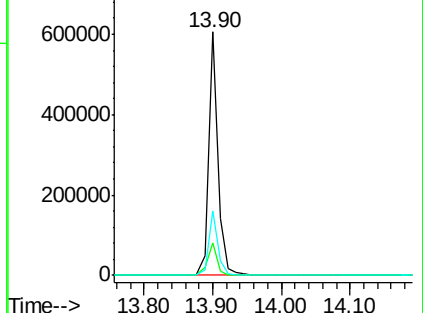
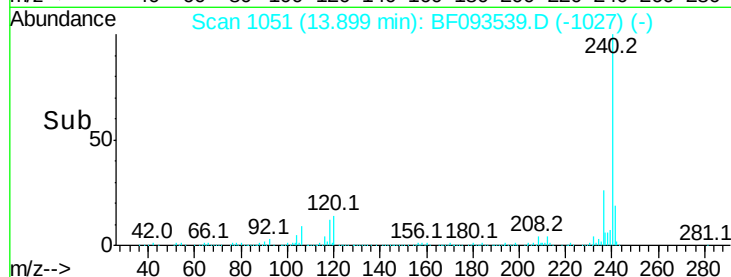
236 26.2 20.9 31.3



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: 76.29 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093539.D

Acq: 10 Mar 2017 23:10

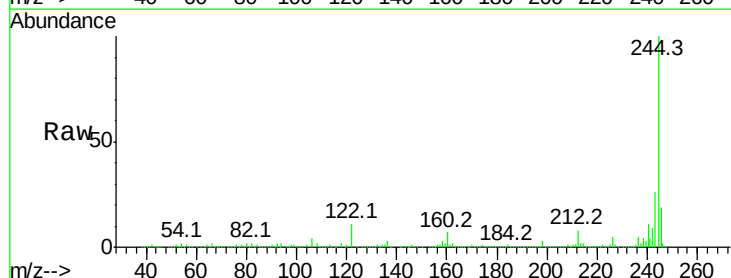
Tgt Ion:244 Resp: 1679186

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

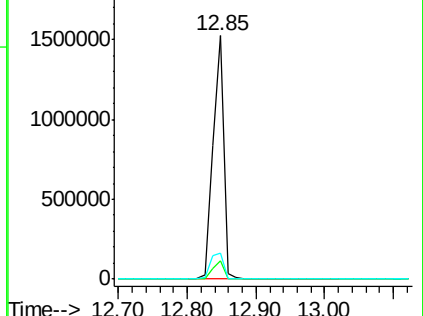
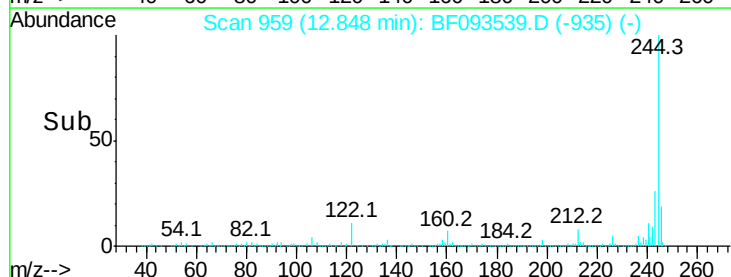
122 10.7 11.4 17.2#

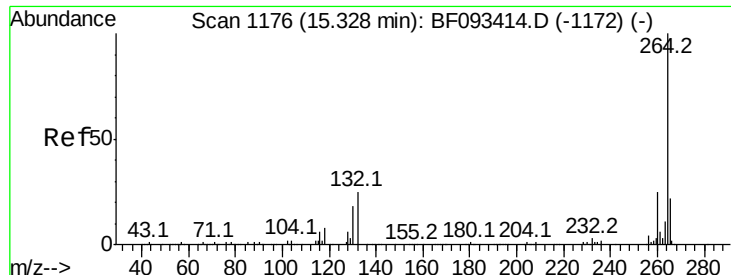


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.31 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF093539.D
 Acq: 10 Mar 2017 23:10

Instrument :
 BNA_F
 ClientSampleId :
 W-22

Tot Ion:264 Resp: 405842
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.8 17.4 26.0

