

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093706.D
 Acq On : 16 Mar 2017 15:19
 Operator : SJ/MA
 Sample : I2255-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Quant Time: Mar 17 03:18:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

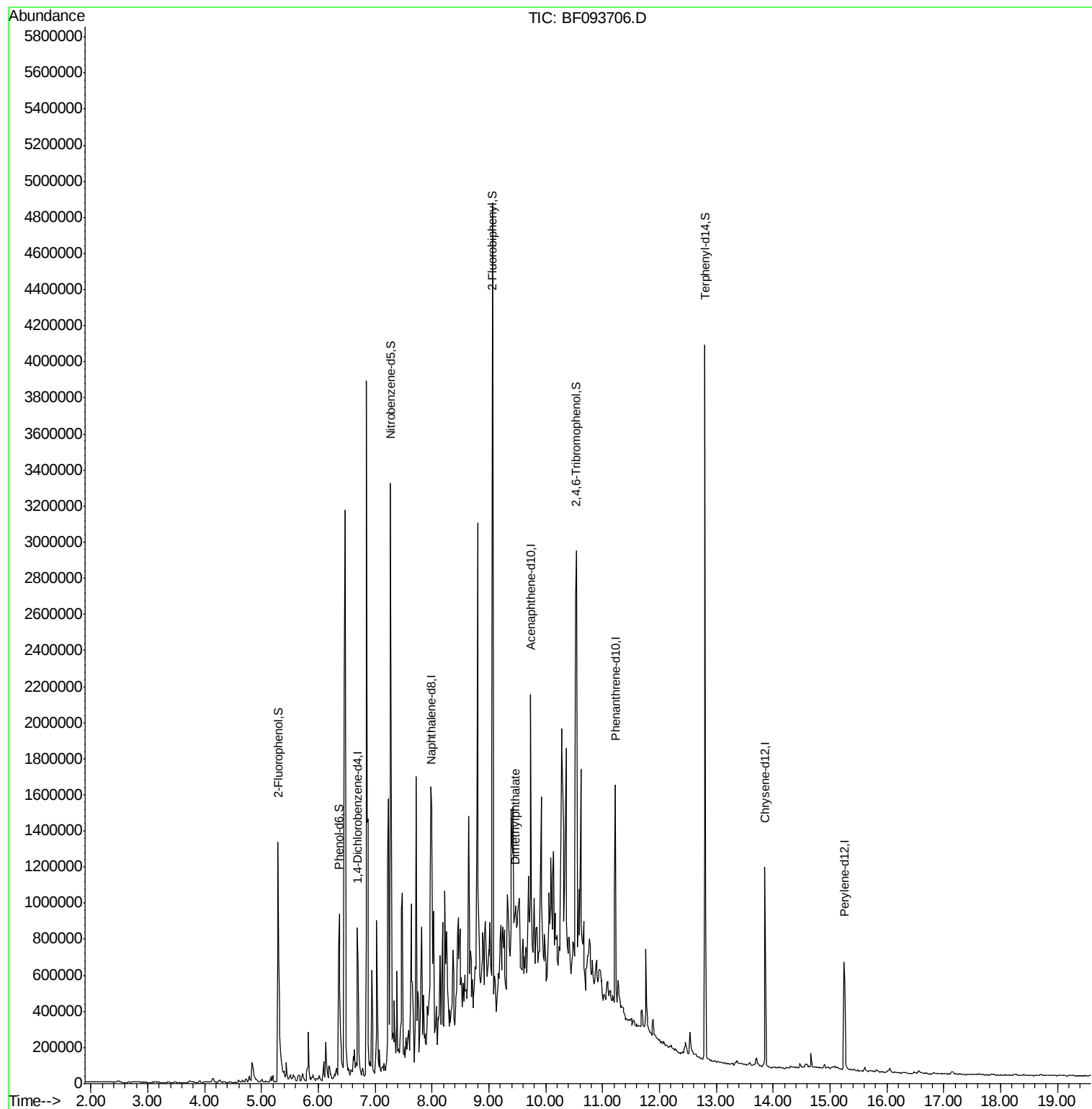
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	167162	20.00	ng	-0.03
21) Naphthalene-d8	7.99	136	629177	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	307532	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	535304	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	453614	20.00	ng	-0.03
86) Perylene-d12	15.25	264	322053	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	724064	72.09	ng	-0.02
7) Phenol-d6	6.37	99	653913	51.63	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1098810	96.90	ng	-0.03
41) 2,4,6-Tribromophenol	10.54	330	322880	161.15	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	1619216	97.93	ng	-0.02
78) Terphenyl-d14	12.80	244	1342369	76.94	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	79548	3.90	ng	# 80

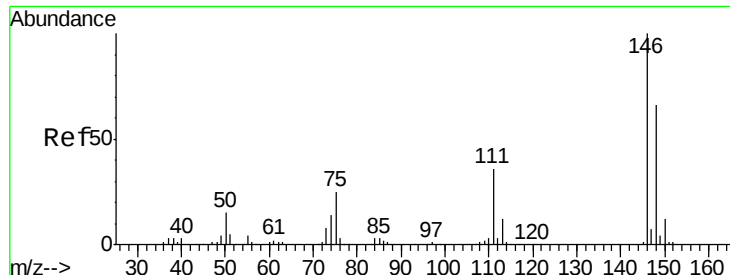
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

W-01

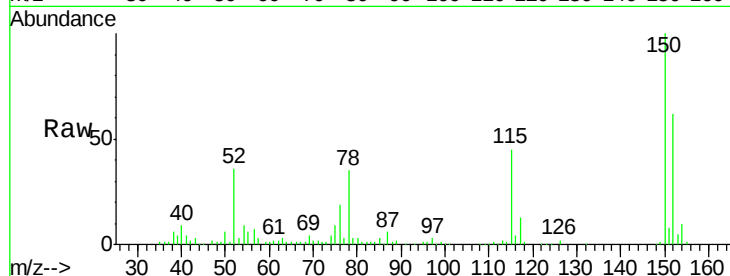
Tot Ion:152 Resp: 167162

Ion Ratio Lower Upper

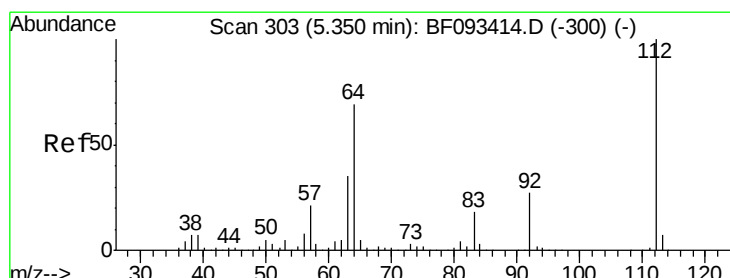
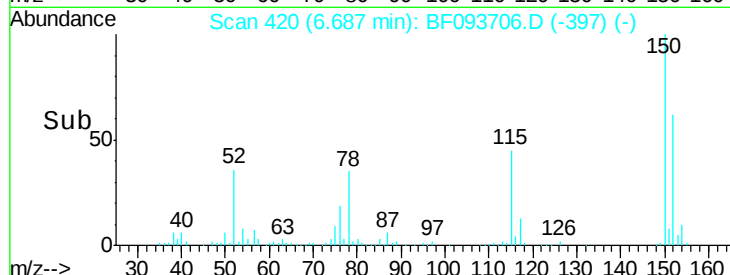
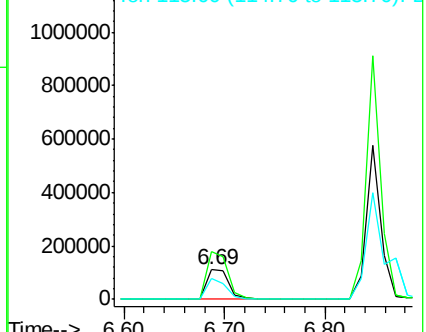
152 100

150 160.3 124.9 187.3

115 71.9 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: 72.09 ng

RT: 5.29 min Scan# 298

Delta R.T. -0.02 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

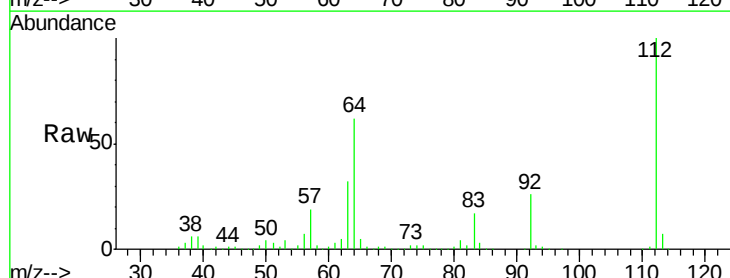
Tgt Ion:112 Resp: 724064

Ion Ratio Lower Upper

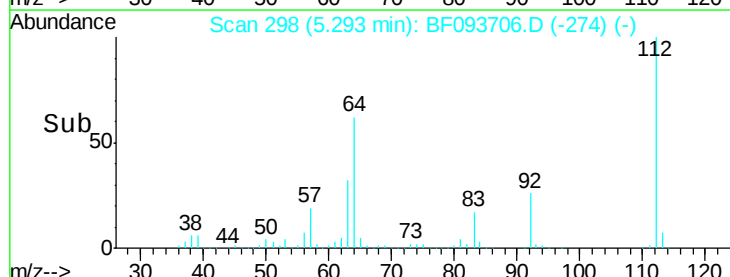
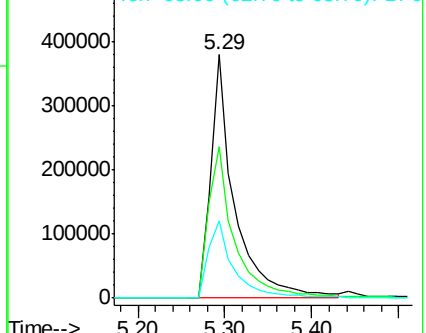
112 100

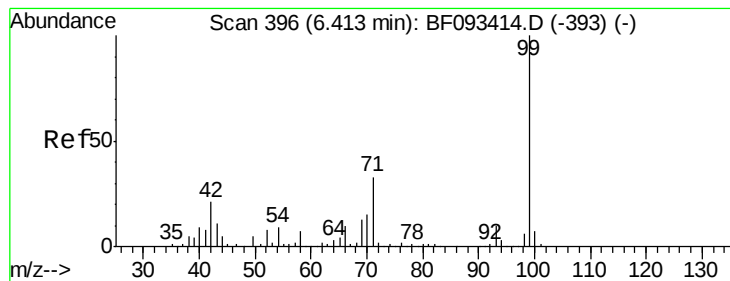
64 62.0 46.1 69.1

63 31.6 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: 51.63 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

W-01

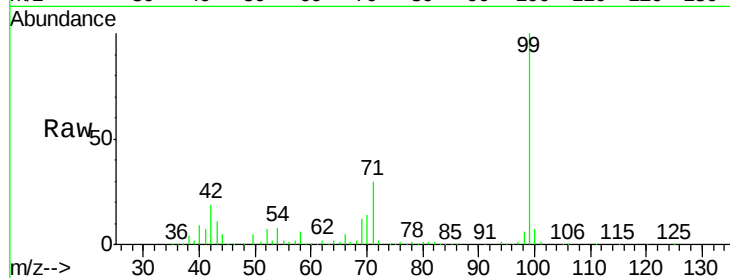
Tot Ion: 99 Resp: 653913

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

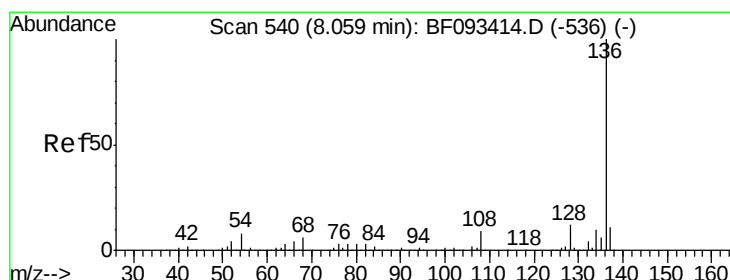
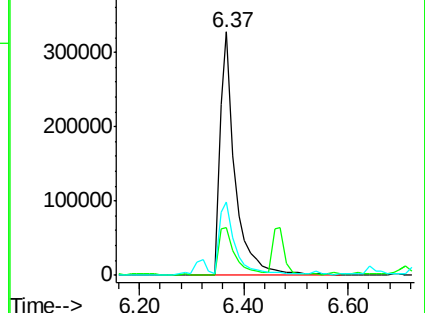
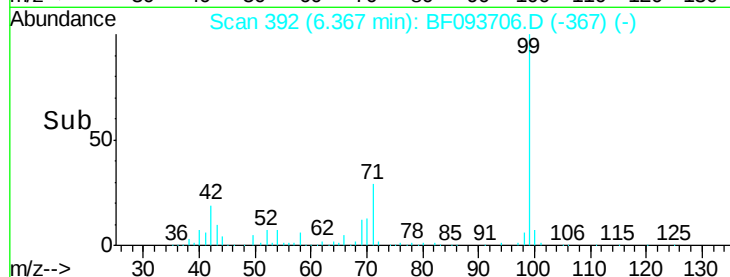
71 30.4 27.5 41.3



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: 7.99 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

Tgt Ion: 136 Resp: 629177

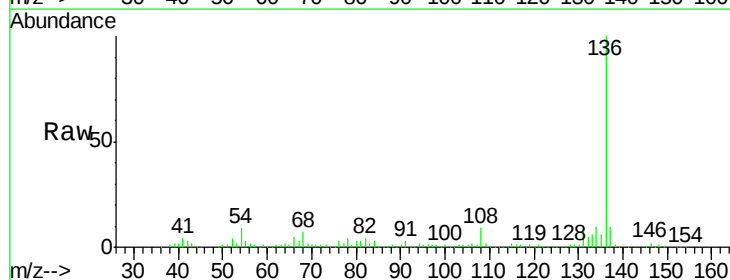
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 9.2 4.5 6.7#

68 6.7 3.6 5.4#

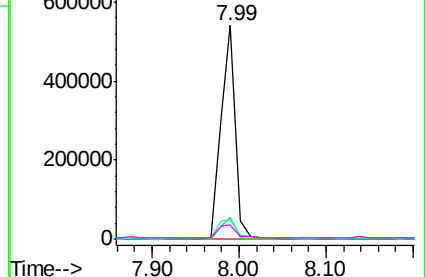
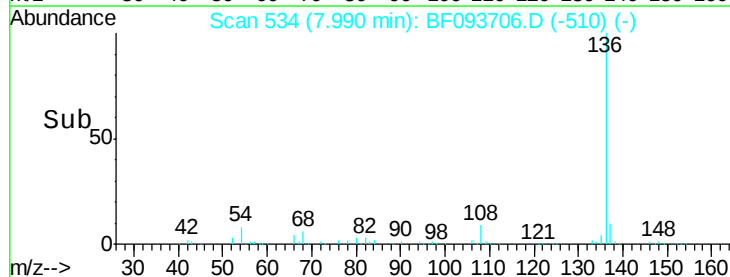


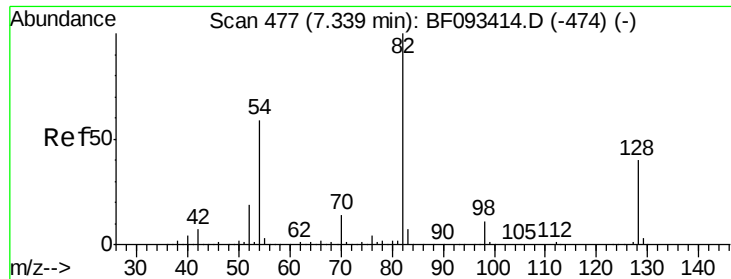
Abundance Ion 136.00 (135.70 to 136.70): E

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

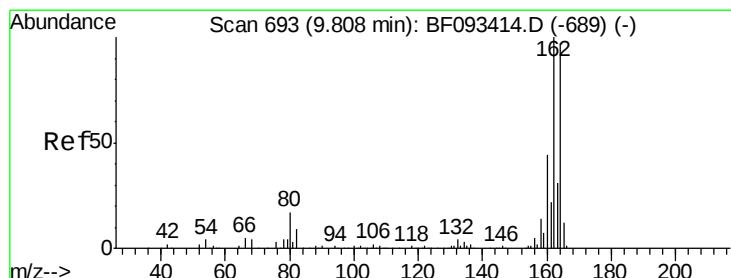
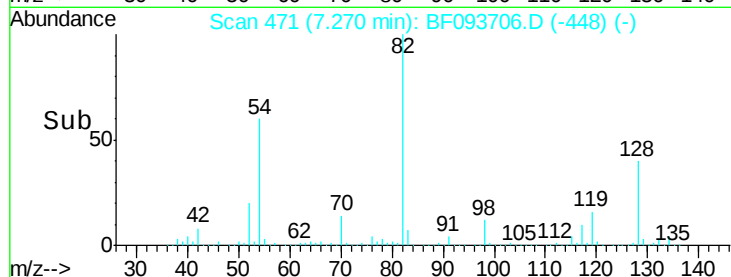
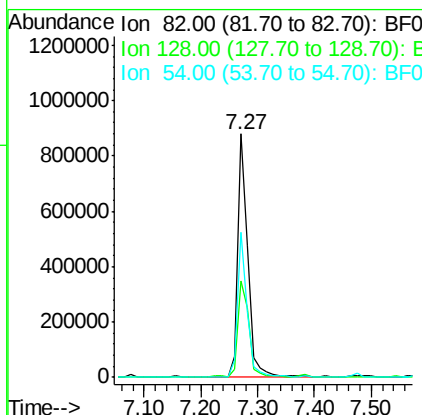
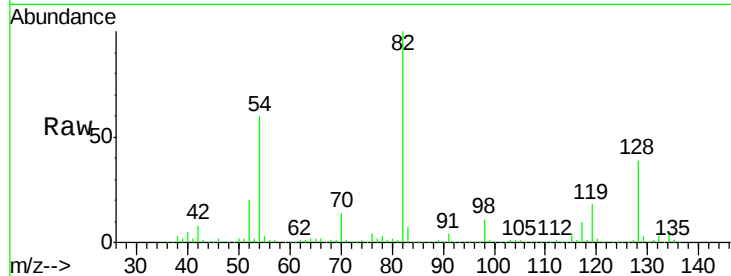




#23
 Nitrobenzene-d5
 Concen: 96.90 ng
 RT: 7.27 min Scan# 471
 Delta R.T. -0.03 min
 Lab File: BF093706.D
 Acq: 16 Mar 2017 15:19

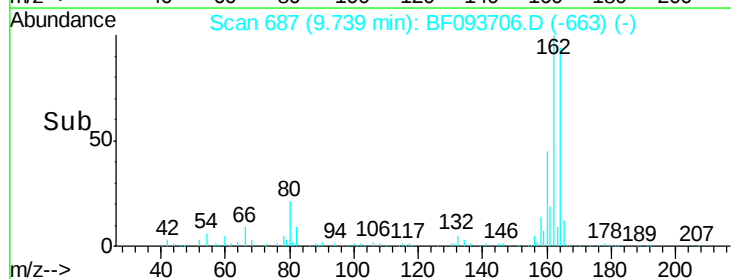
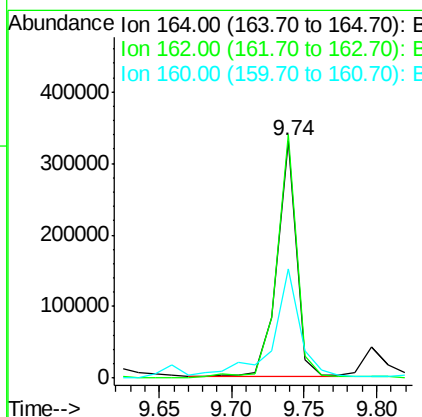
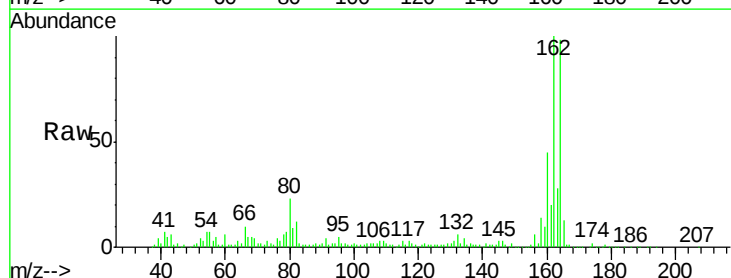
Instrument :
 BNA_F
 ClientSampleId :
 W-01

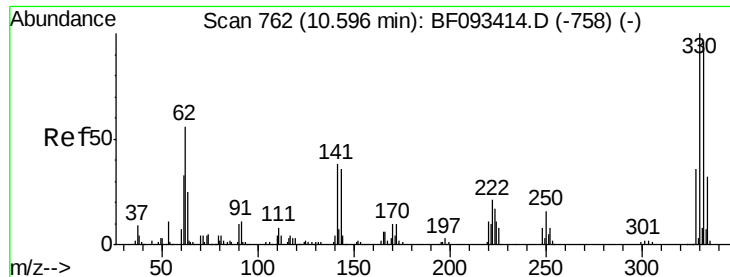
Tot Ion: 82 Resp: 1098810
 Ion Ratio Lower Upper
 82 100
 128 39.5 34.6 52.0
 54 59.7 39.5 59.3#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 687
 Delta R.T. -0.02 min
 Lab File: BF093706.D
 Acq: 16 Mar 2017 15:19

Tgt Ion:164 Resp: 307532
 Ion Ratio Lower Upper
 164 100
 162 102.5 80.2 120.2
 160 46.2 36.9 55.3

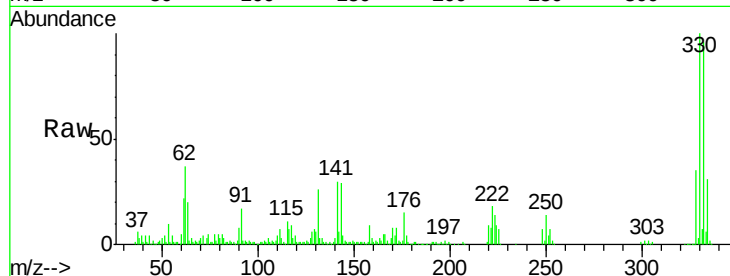




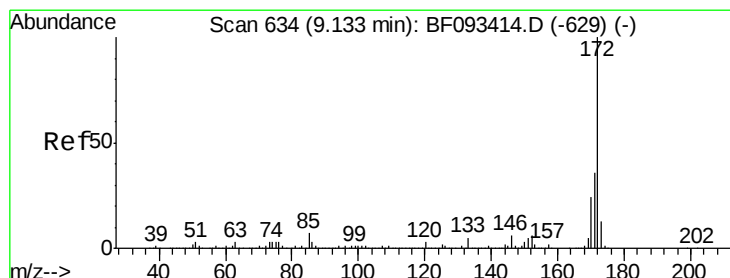
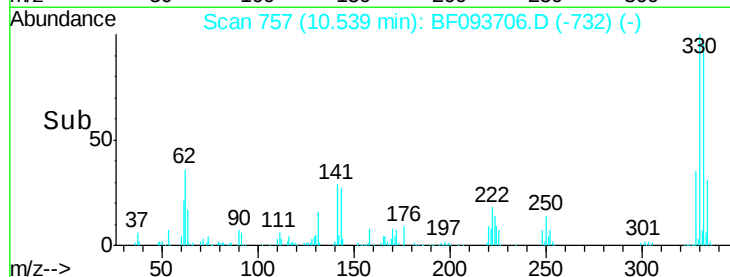
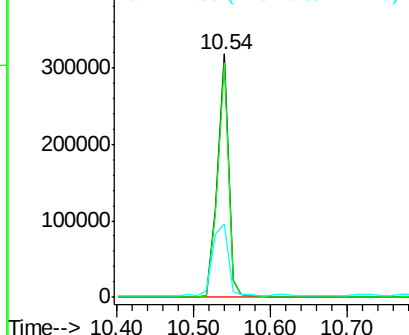
#41
 2,4,6-Tribromophenol
 Concen: 161.15 ng
 RT: 10.54 min Scan# 757
 Delta R.T. -0.01 min
 Lab File: BF093706.D
 Acq: 16 Mar 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	40.6	34.1	51.1

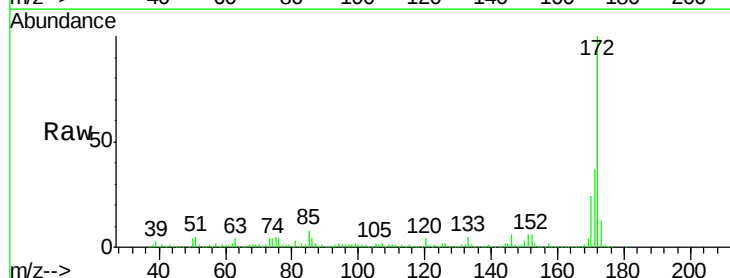


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

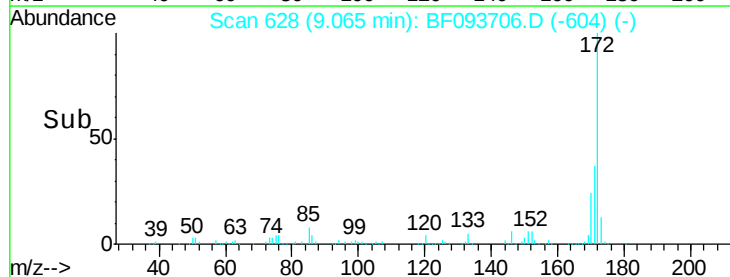
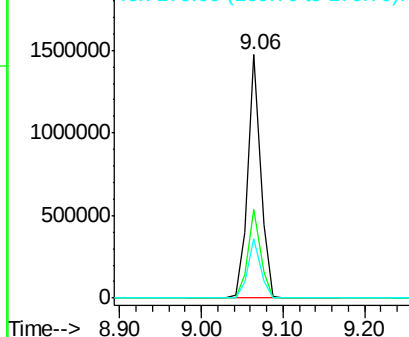


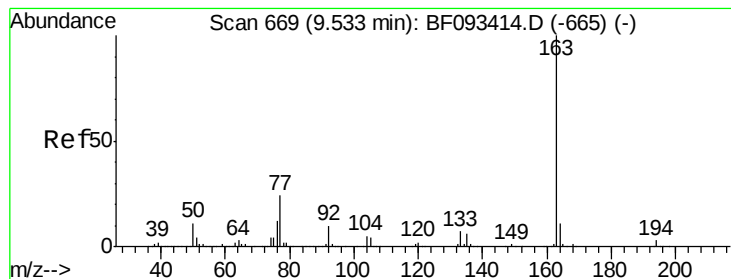
#44
 2-Fluorobiphenyl
 Concen: 97.93 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093706.D
 Acq: 16 Mar 2017 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	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





#49

Dimethylphthalate

Concen: 3.90 ng

RT: 9.46 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

Instrument :

BNA_F

ClientSampleId :

W-01

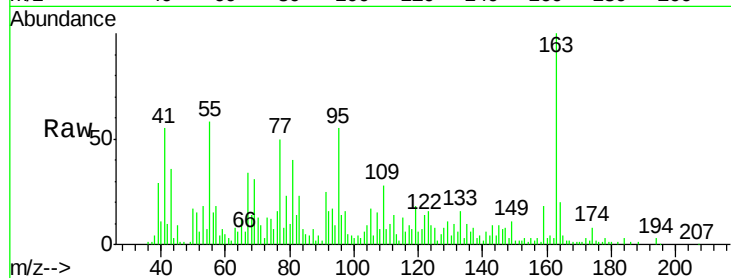
Tot Ion:163 Resp: 79548

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

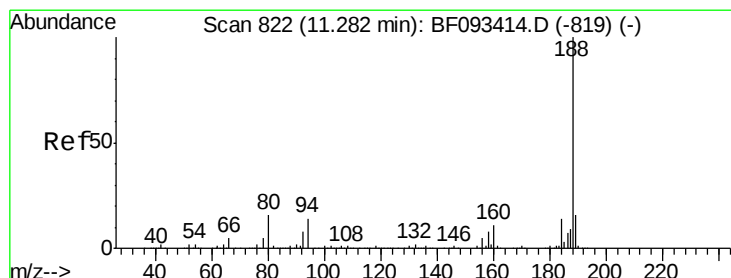
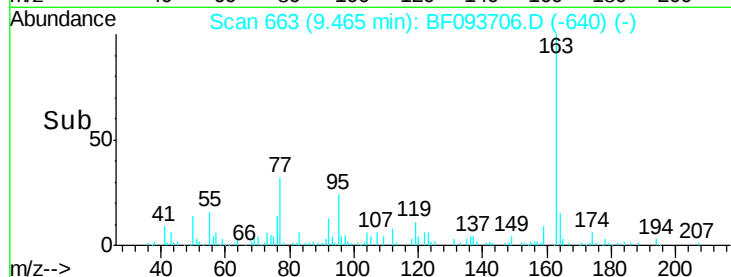
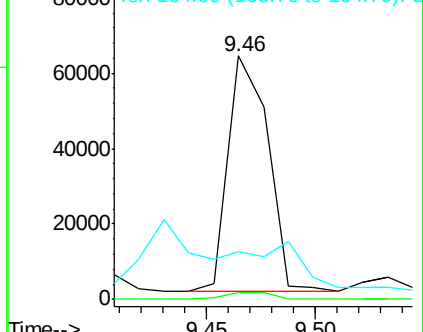
164 19.7 8.0 12.0#



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: 11.22 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

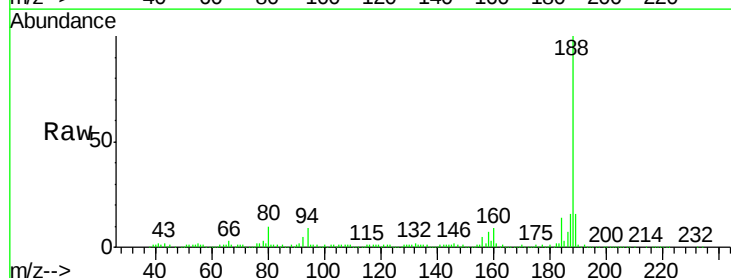
Tgt Ion:188 Resp: 535304

Ion Ratio Lower Upper

188 100

94 9.2 10.0 15.0#

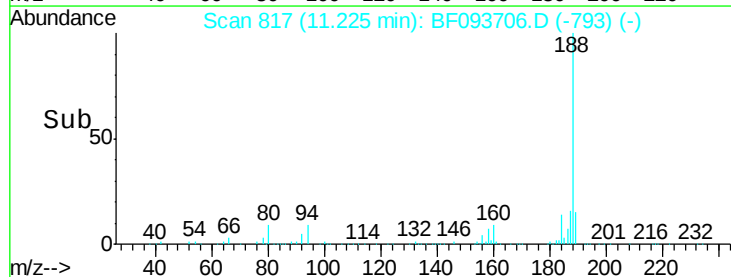
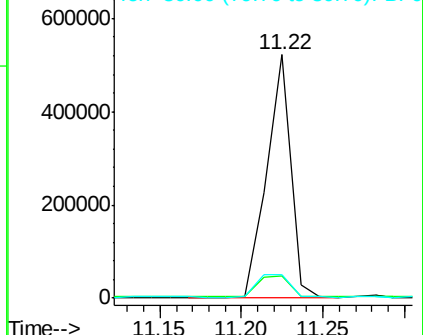
80 9.5 11.2 16.8#

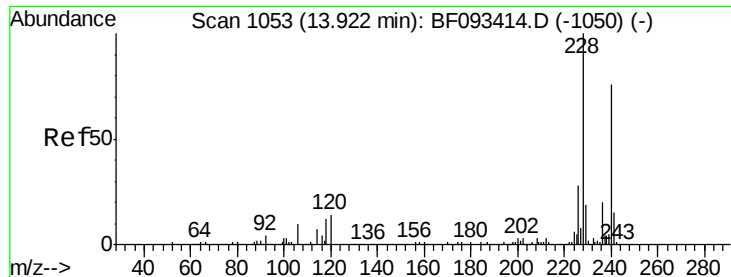


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

Instrument :

BNA_F

ClientSampled :

W-01

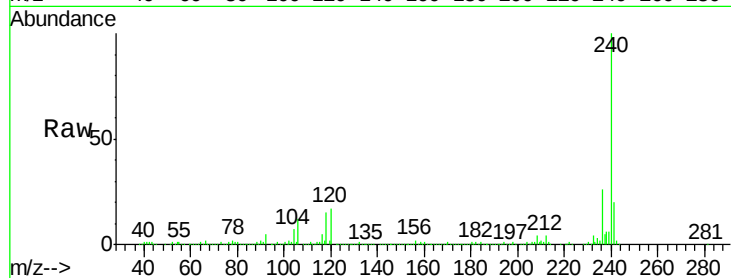
Tot Ion:240 Resp: 453614

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

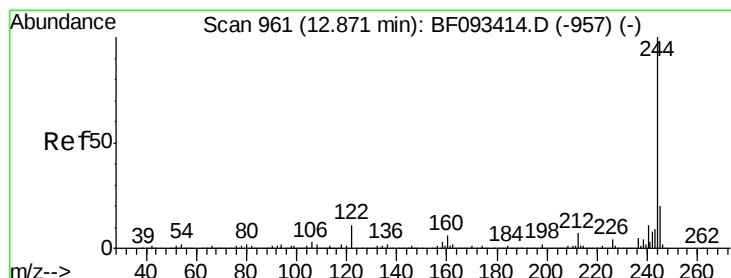
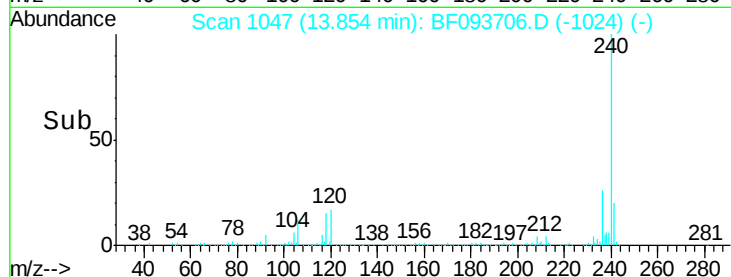
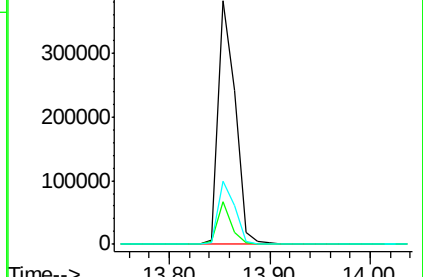
236 25.8 20.9 31.3



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: 76.94 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093706.D

Acq: 16 Mar 2017 15:19

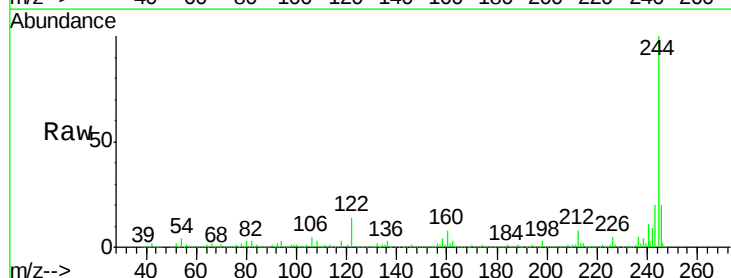
Tgt Ion:244 Resp: 1342369

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

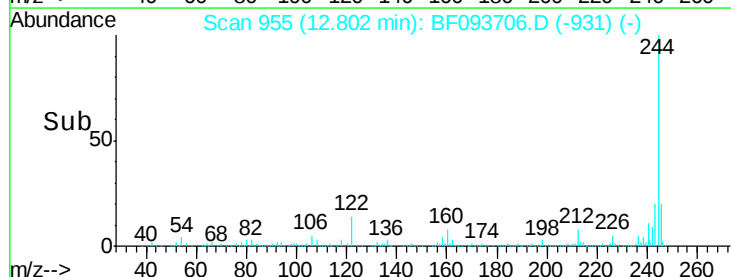
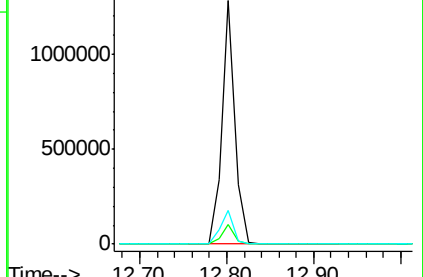
122 13.9 11.4 17.2

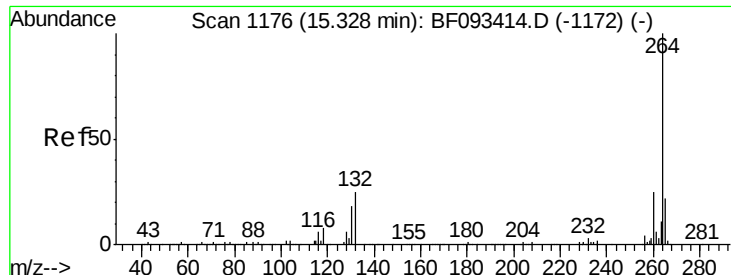


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



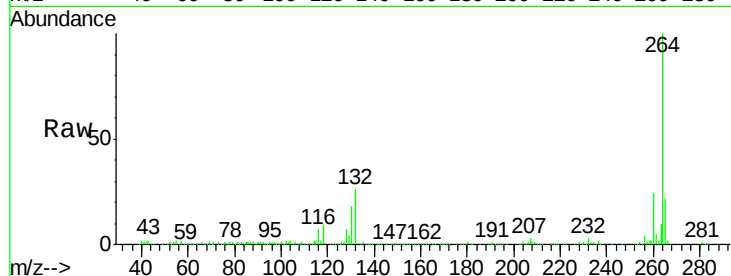


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.25 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF093706.D
Acq: 16 Mar 2017 15:19

Instrument :
BNA_F
ClientSampleId :
W-01

Tot Ion: 264 Resp: 322053

Ion	Ratio	Lower	Upper
264	100		
260	24.1	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

