

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031617\
 Data File : BF093708.D
 Acq On : 16 Mar 2017 16:14
 Operator : SJ/MA
 Sample : I2255-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Mar 17 03:21:38 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

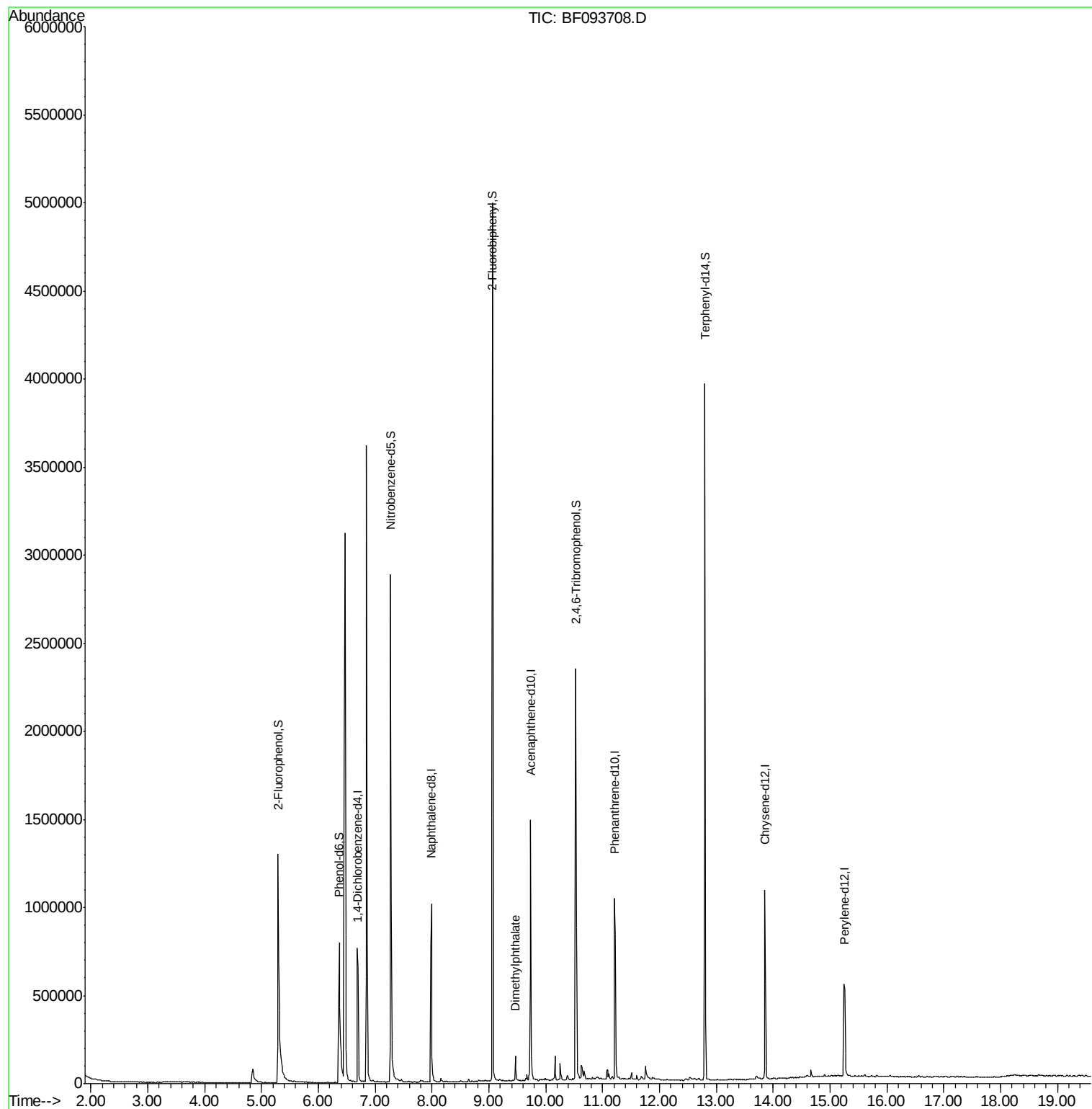
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	172505	20.00	ng	-0.02
21) Naphthalene-d8	7.99	136	669695	20.00	ng	-0.02
38) Acenaphthene-d10	9.74	164	318172	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	535787	20.00	ng	-0.03
75) Chrysene-d12	13.85	240	441524	20.00	ng	-0.03
86) Perylene-d12	15.26	264	301787	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	665290	64.19	ng	-0.02
7) Phenol-d6	6.37	99	557150	42.63	ng	-0.01
23) Nitrobenzene-d5	7.27	82	1088780	90.21	ng	-0.03
41) 2,4,6-Tribromophenol	10.53	330	306513	147.86	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	1613822	94.34	ng	-0.02
78) Terphenyl-d14	12.80	244	1290113	75.97	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	67489	3.20	ng	98

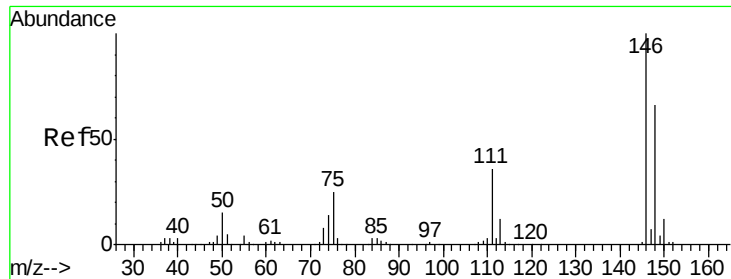
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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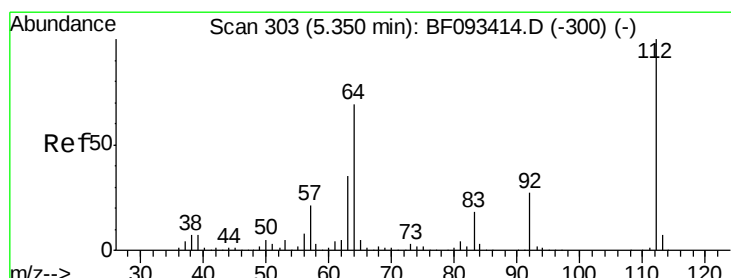
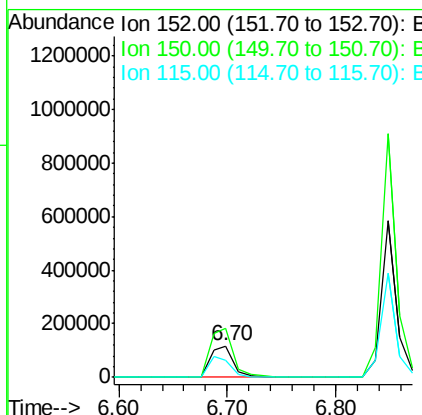
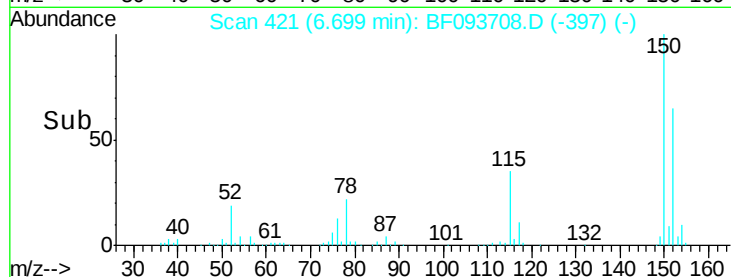
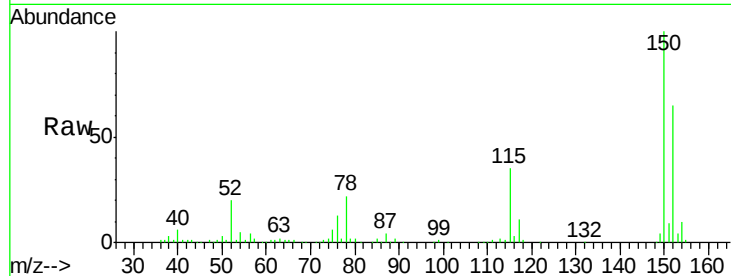




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

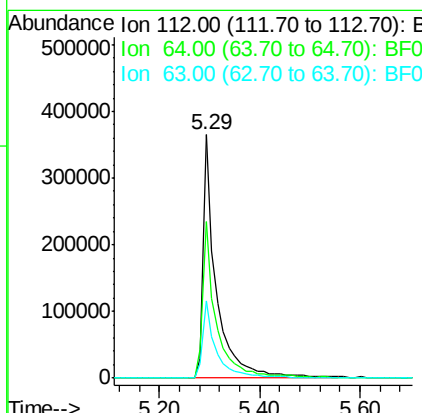
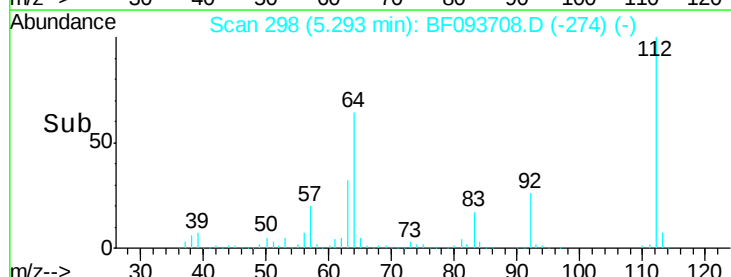
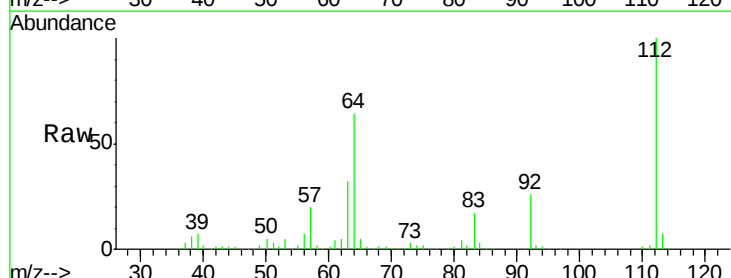
Instrument :
 BNA_F
 ClientSampled :
 P-1

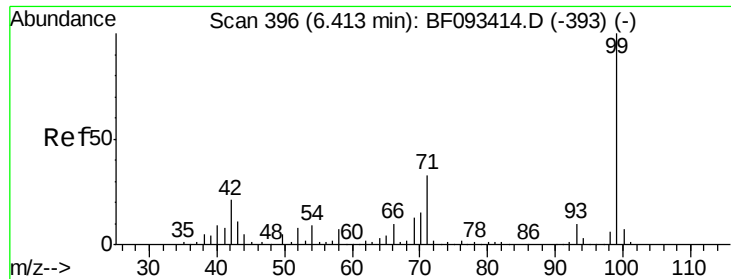
Tot Ion:	152	Resp:	172505
Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.9	187.3
115	54.3	46.0	69.0



#5
 2-Fluorophenol
 Concen: 64.19 ng
 RT: 5.29 min Scan# 298
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Tgt Ion:	112	Resp:	665290
Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.1	69.1
63	31.8	23.8	35.6





#7

Phenol-d6

Concen: 42.63 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

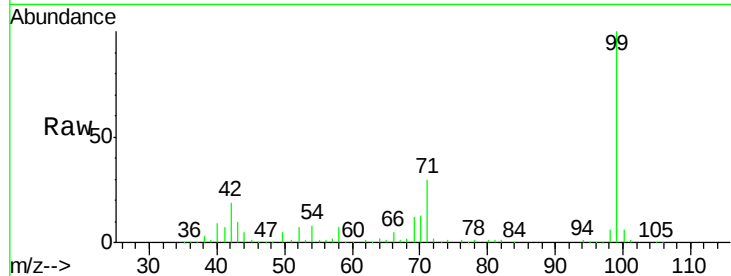
Tot Ion: 99 Resp: 557150

Ion Ratio Lower Upper

99 100

42 19.3 15.6 23.4

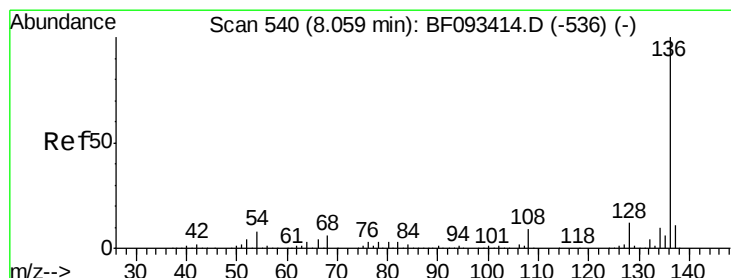
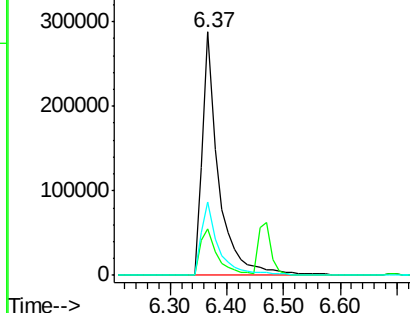
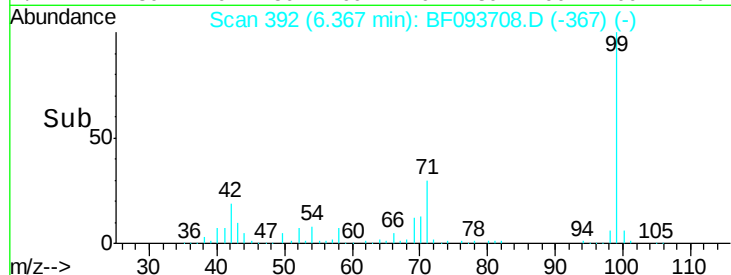
71 30.2 27.5 41.3



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: BF093708.D

Acq: 16 Mar 2017 16:14

Tgt Ion: 136 Resp: 669695

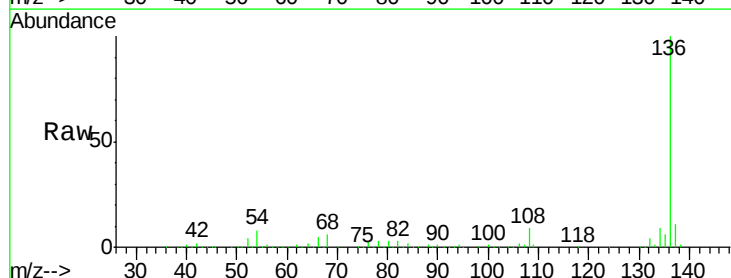
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.1 4.5 6.7#

68 6.1 3.6 5.4#

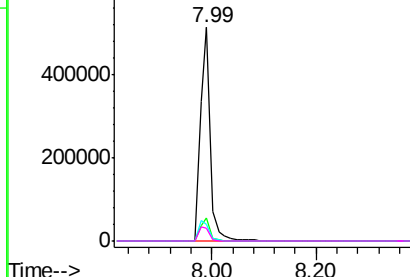
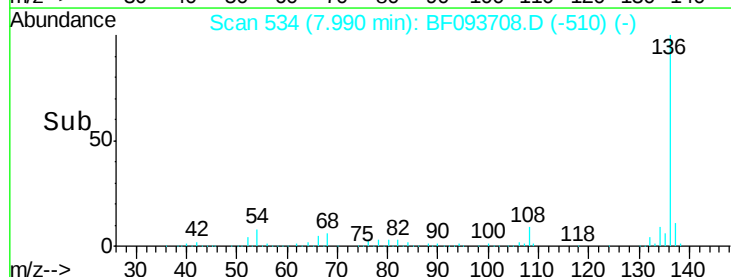


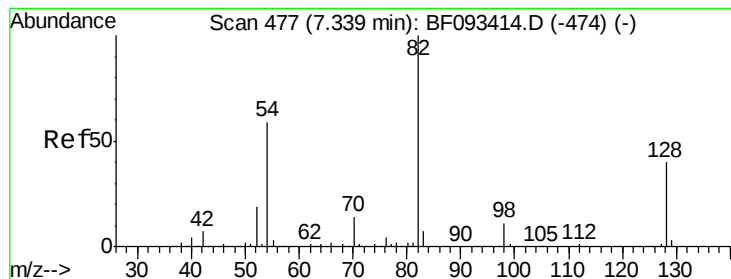
Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.21 ng

RT: 7.27 min Scan# 471

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampled :

P-1

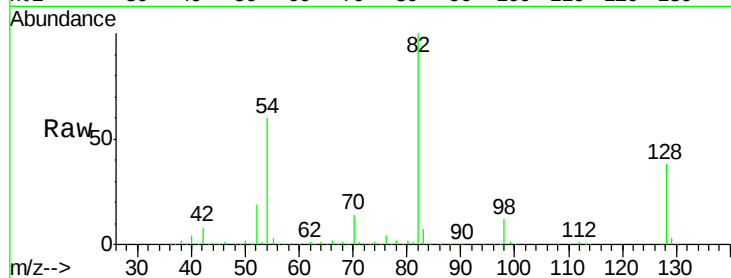
Tot Ion: 82 Resp: 1088780

Ion Ratio Lower Upper

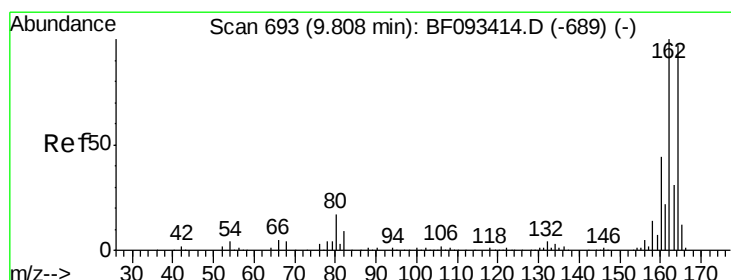
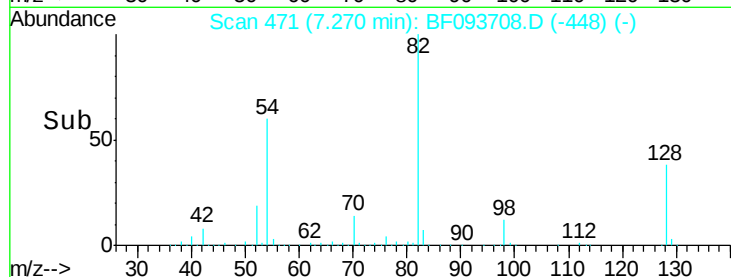
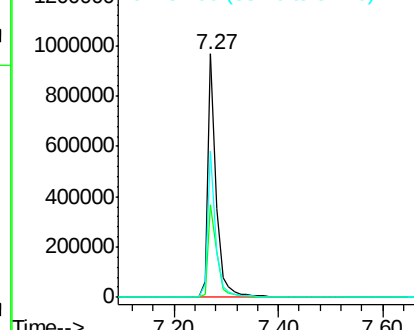
82 100

128 38.2 34.6 52.0

54 60.3 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: 9.74 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

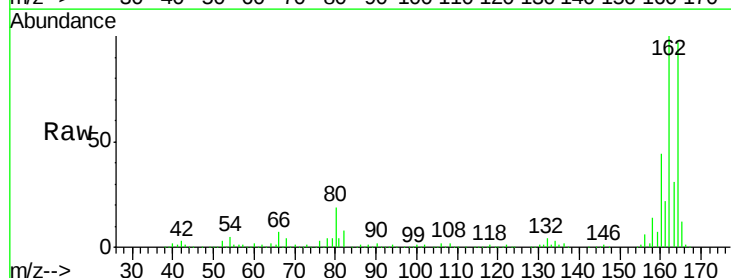
Tgt Ion:164 Resp: 318172

Ion Ratio Lower Upper

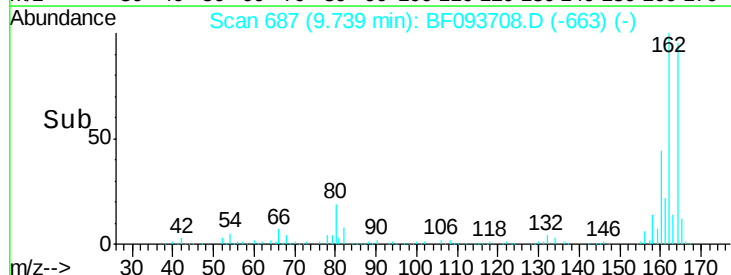
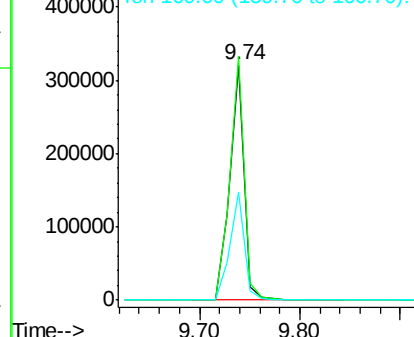
164 100

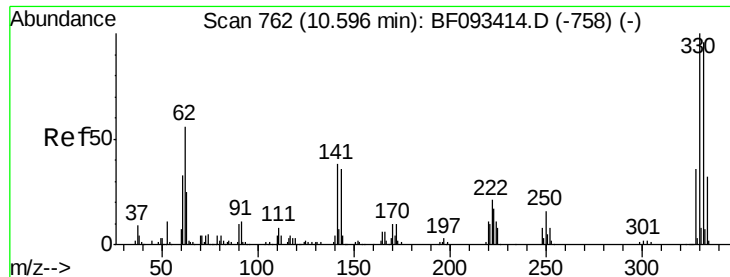
162 103.6 80.2 120.2

160 46.1 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

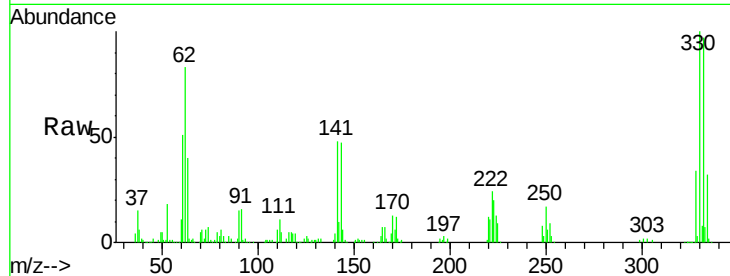




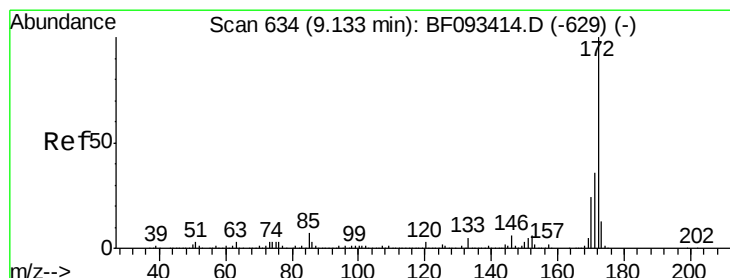
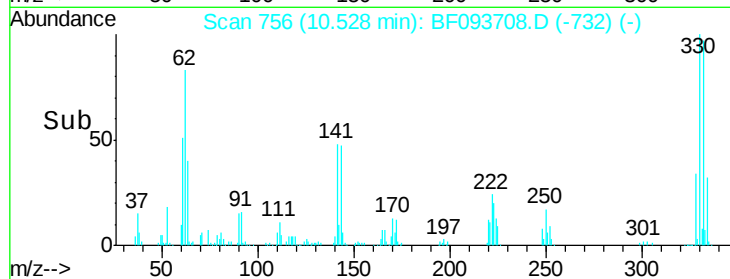
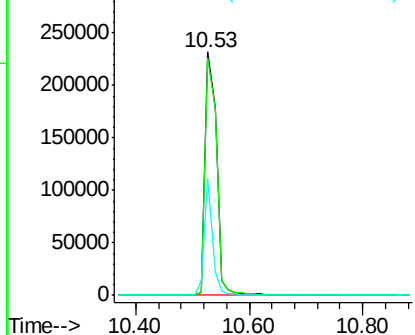
#41
 2,4,6-Tribromophenol
 Concen: 147.86 ng
 RT: 10.53 min Scan# 756
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:330 Resp: 306513
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.4 116.2
 141 35.0 34.1 51.1

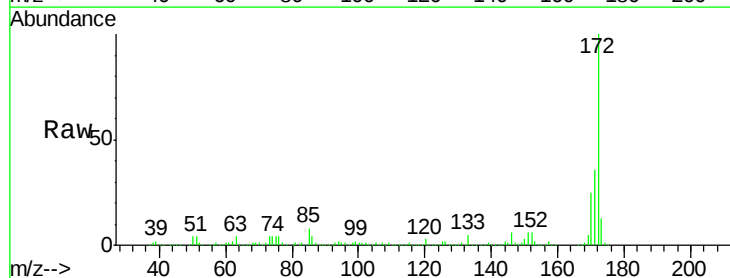


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

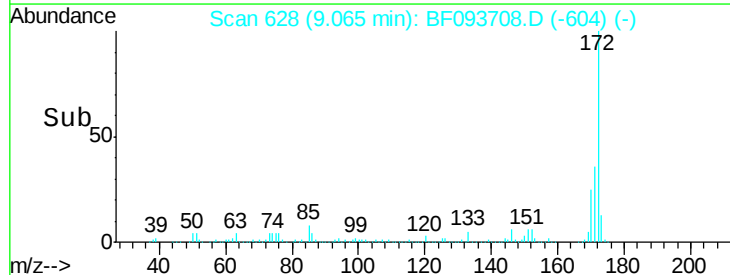
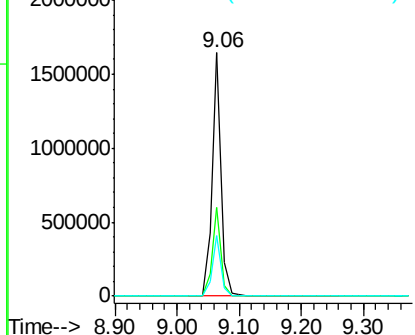


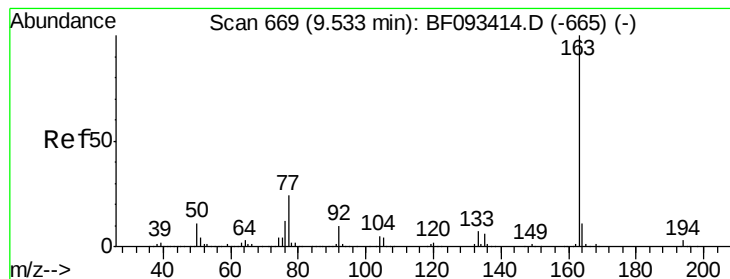
#44
 2-Fluorobiphenyl
 Concen: 94.34 ng
 RT: 9.06 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF093708.D
 Acq: 16 Mar 2017 16:14

Tgt Ion:172 Resp: 1613822
 Ion Ratio Lower Upper
 172 100
 171 36.3 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





#49

Dimethylphthalate

Concen: 3.20 ng

RT: 9.46 min Scan# 663

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampleId :

P-1

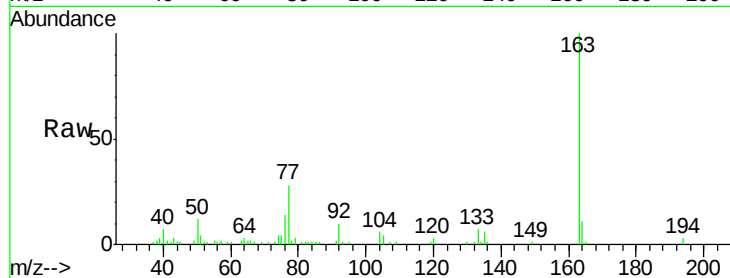
Tot Ion:163 Resp: 67489

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

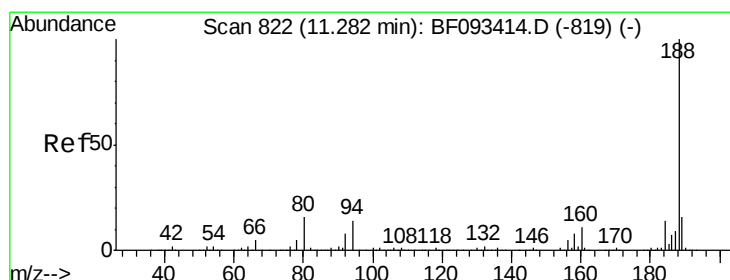
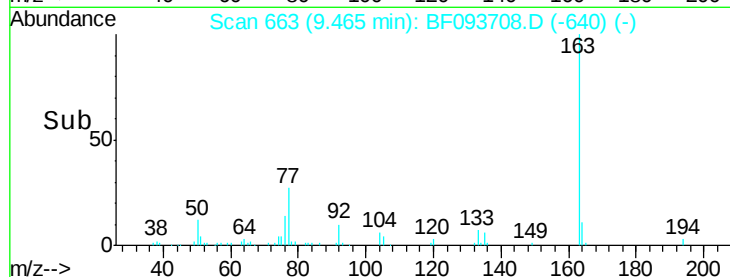
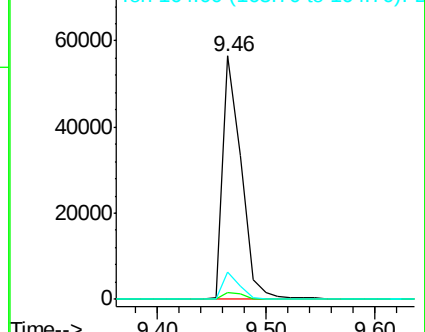
164 11.0 8.0 12.0



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: 11.21 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

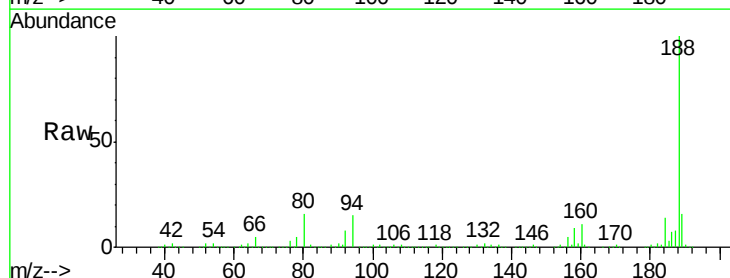
Tgt Ion:188 Resp: 535787

Ion Ratio Lower Upper

188 100

94 14.9 10.0 15.0

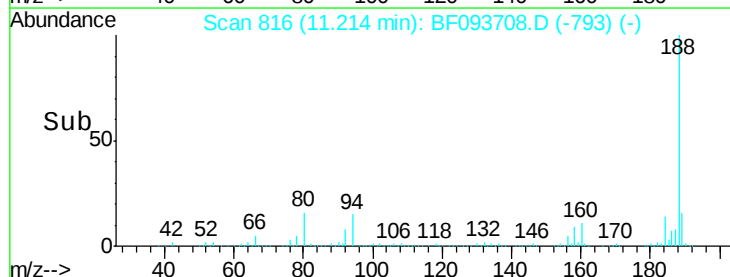
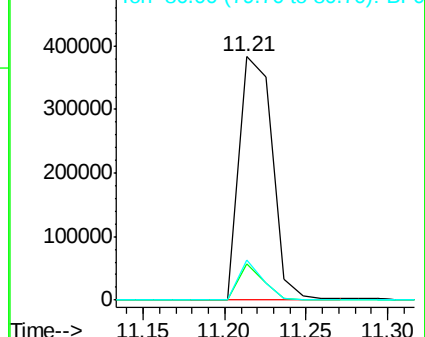
80 16.3 11.2 16.8

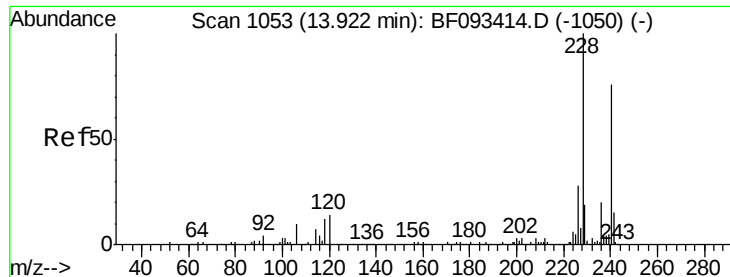


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.85 min Scan# 1047

Delta R.T. -0.03 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

Instrument :

BNA_F

ClientSampled :

P-1

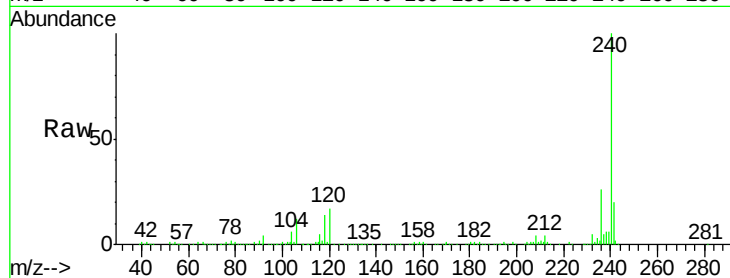
Tot Ion:240 Resp: 441524

Ion Ratio Lower Upper

240 100

120 16.7 12.9 19.3

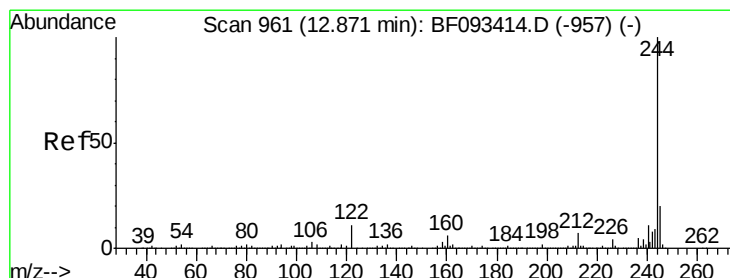
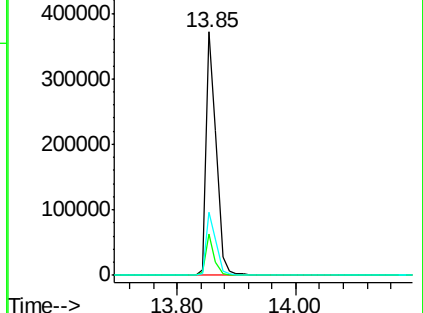
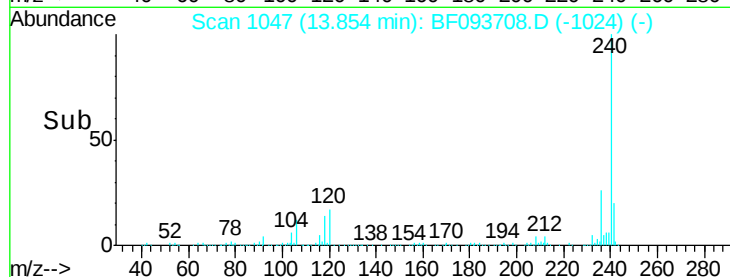
236 25.8 20.9 31.3



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: 75.97 ng

RT: 12.80 min Scan# 955

Delta R.T. -0.02 min

Lab File: BF093708.D

Acq: 16 Mar 2017 16:14

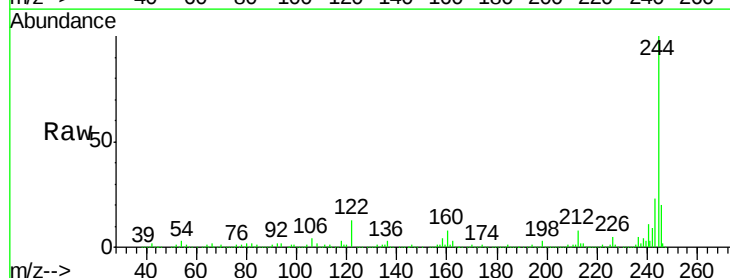
Tgt Ion:244 Resp: 1290113

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

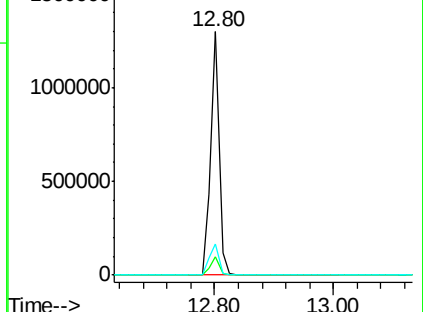
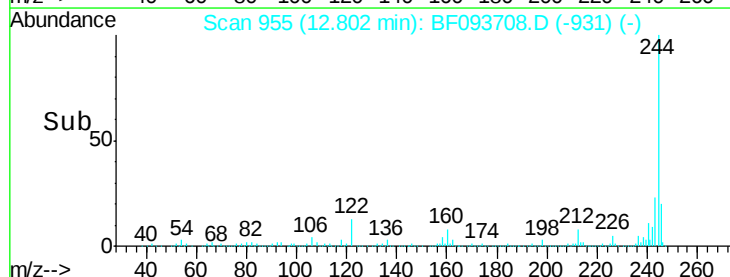
122 12.7 11.4 17.2

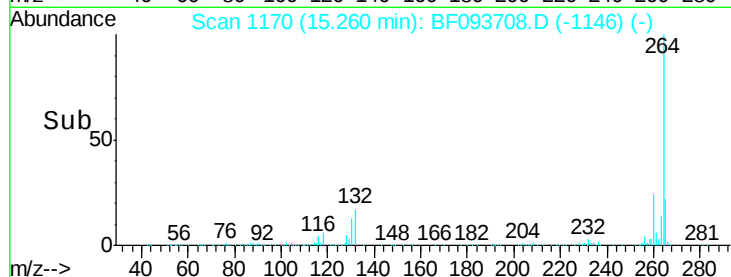
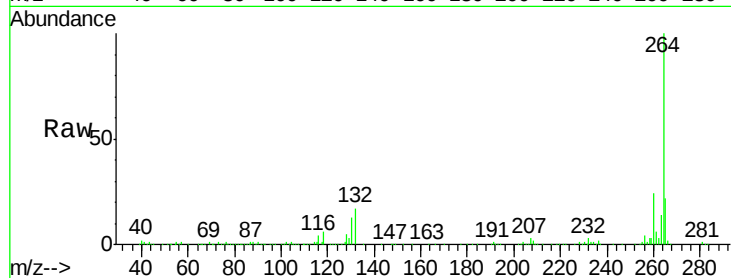
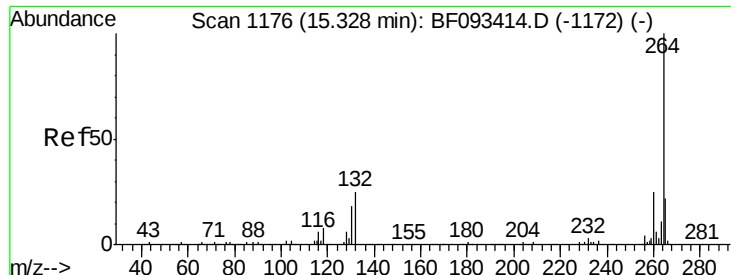


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.26 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF093708.D
Acq: 16 Mar 2017 16:14

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.4	26.0

