

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093475.D
 Acq On : 9 Mar 2017 14:00
 Operator : SJ/MA
 Sample : I2123-02RE
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-U-MRE

Quant Time: Mar 09 14:49:56 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

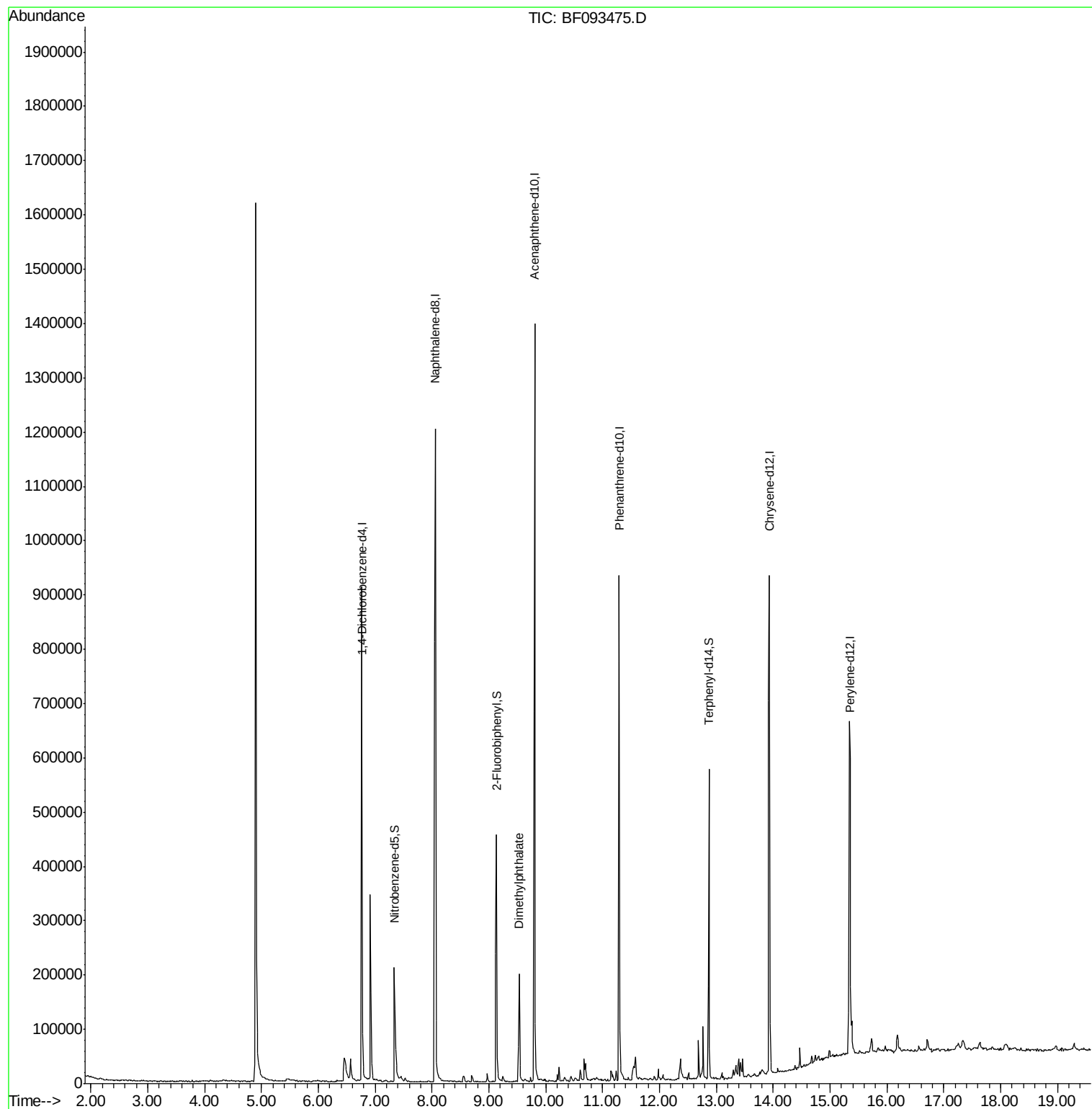
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	194474	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	731531	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	325822	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	501853	20.00	ng	0.01
75) Chrysene-d12	13.93	240	429628	20.00	ng	0.01
86) Perylene-d12	15.35	264	331578	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	5429	0.46	ng	0.13
7) Phenol-d6	6.45	99	12892	0.87	ng	0.03
23) Nitrobenzene-d5	7.34	82	119375	9.05	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	3499	1.65	ng	0.01
44) 2-Fluorobiphenyl	9.13	172	184696	10.54	ng	0.00
78) Terphenyl-d14	12.87	244	176951	10.71	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	100563	4.66	ng	Qvalue 99

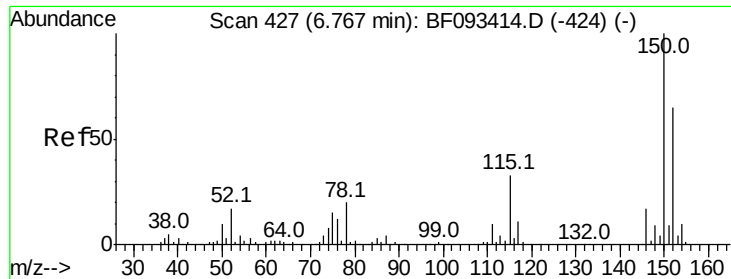
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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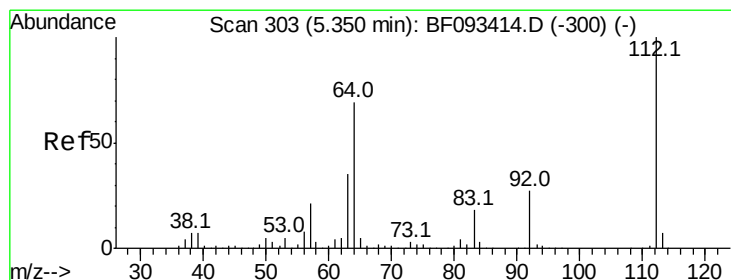
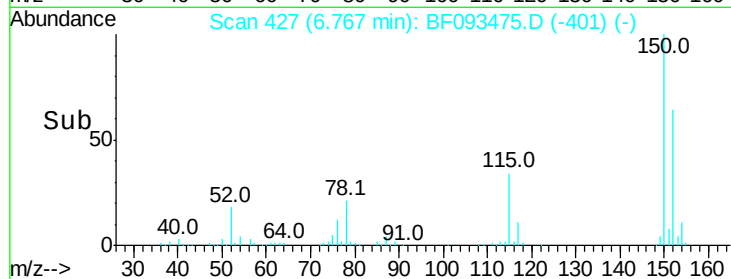
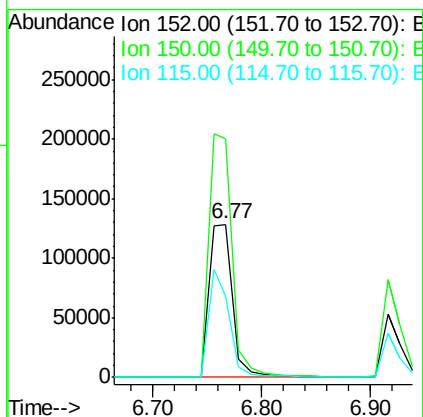
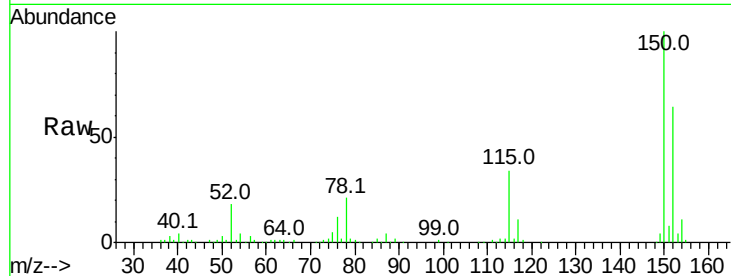


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF093475.D
Acq: 9 Mar 2017 14:00

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-MRE

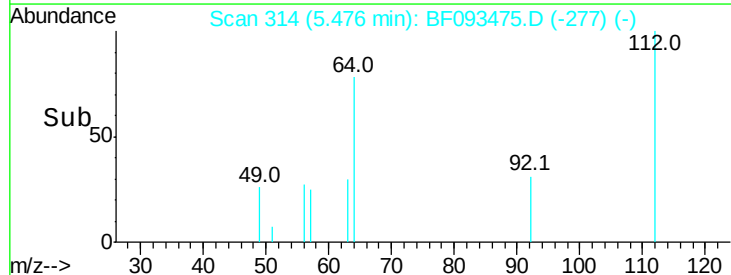
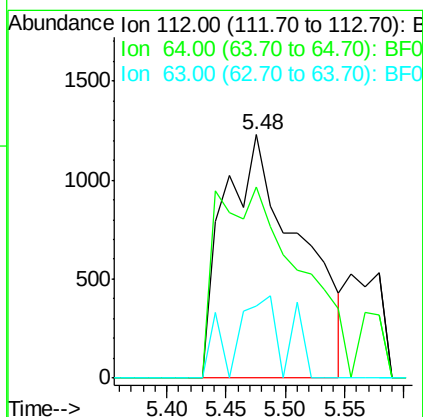
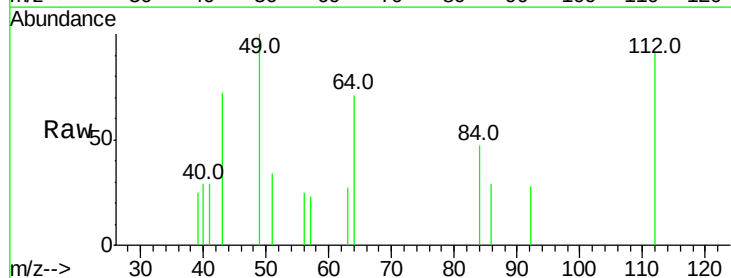
Tot Ion:152 Resp: 194474
Ion Ratio Lower Upper
152 100
150 155.4 124.9 187.3
115 52.6 46.0 69.0

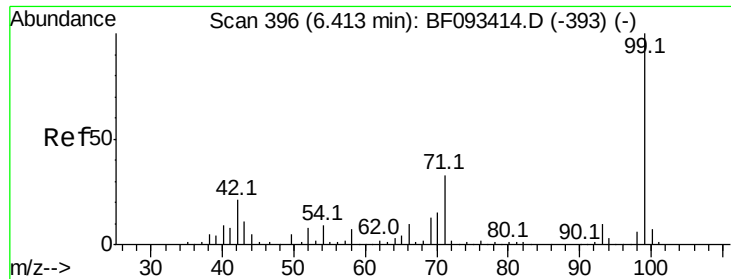


#5

2-Fluorophenol
Concen: 0.46 ng
RT: 5.48 min Scan# 314
Delta R.T. 0.13 min
Lab File: BF093475.D
Acq: 9 Mar 2017 14:00

Tgt Ion:112 Resp: 5429
Ion Ratio Lower Upper
112 100
64 78.4 46.1 69.1#
63 29.9 23.8 35.6





#7

Phenol-d6

Concen: 0.87 ng

RT: 6.45 min Scan# 399

Delta R.T. 0.03 min

Lab File: BF093475.D

Acq: 9 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-MRE

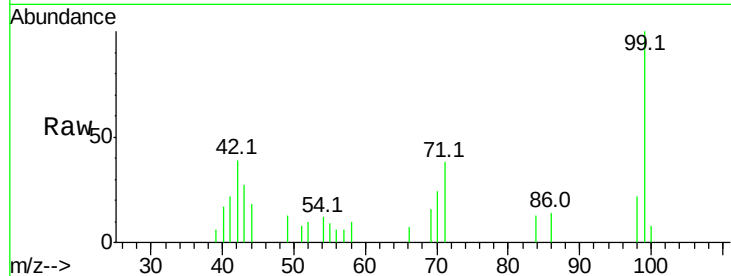
Tot Ion: 99 Resp: 12892

Ion Ratio Lower Upper

99 100

42 38.8 15.6 23.4#

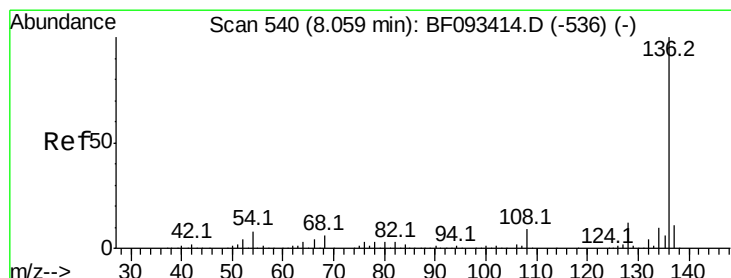
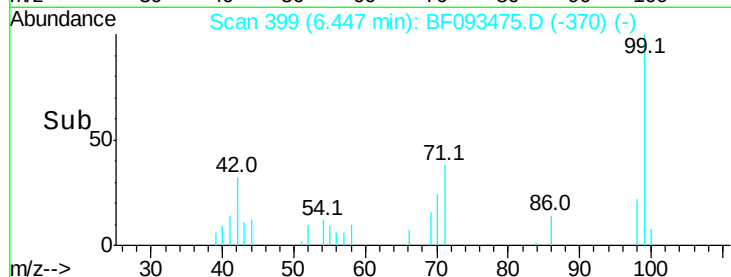
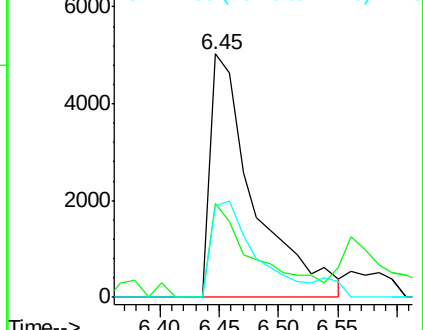
71 37.7 27.5 41.3



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: BF093475.D

Acq: 9 Mar 2017 14:00

Tgt Ion: 136 Resp: 731531

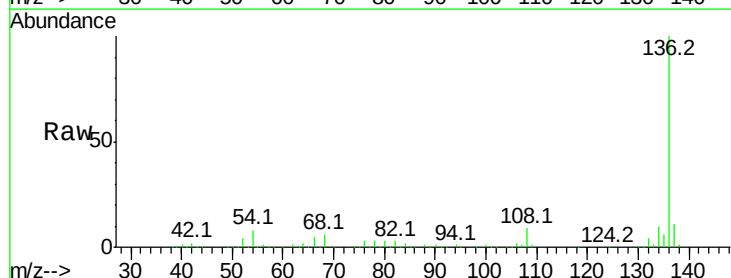
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.2 4.5 6.7#

68 5.9 3.6 5.4#

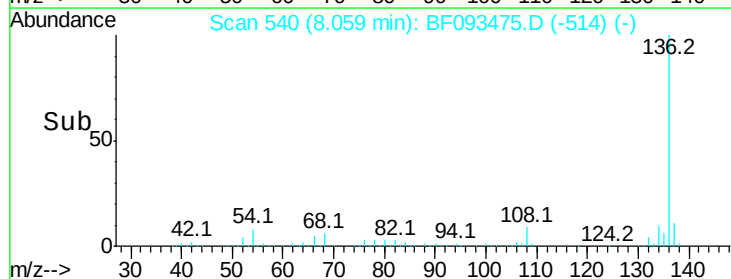
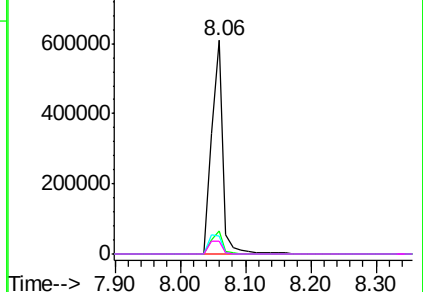


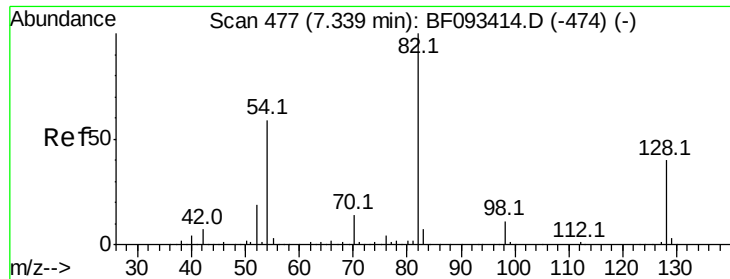
Abundance Ion 136.00 (135.70 to 136.70): E

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

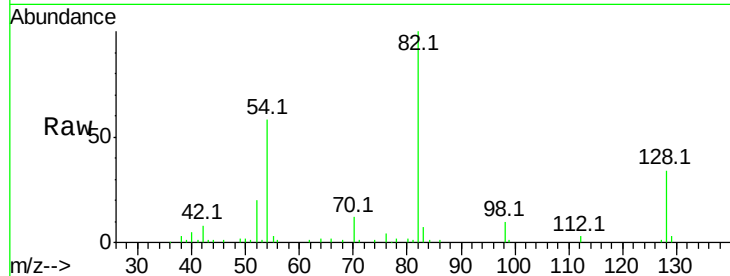




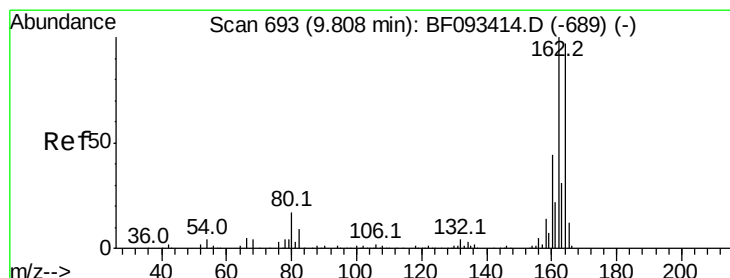
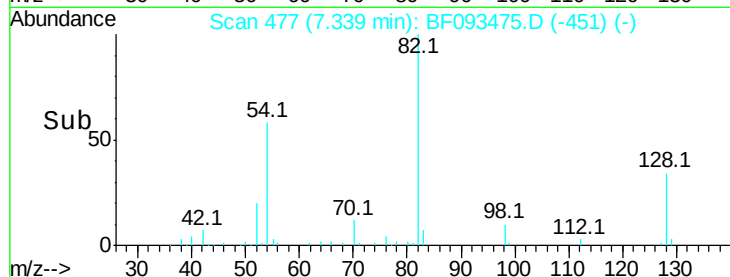
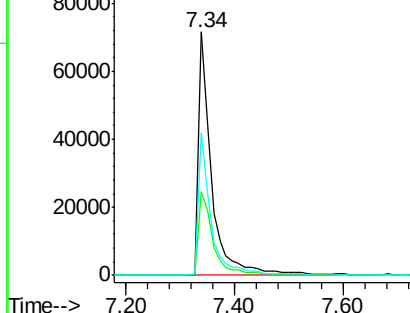
#23
Nitrobenzene-d5
Concen: 9.05 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093475.D
Acq: 9 Mar 2017 14:00

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-MRE

Tot Ion: 82 Resp: 119375
Ion Ratio Lower Upper
82 100
128 34.2 34.6 52.0#
54 58.4 39.5 59.3

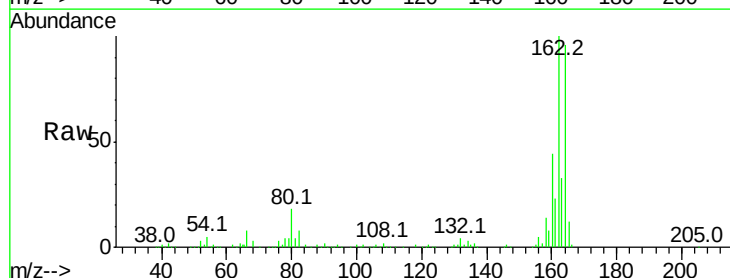


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

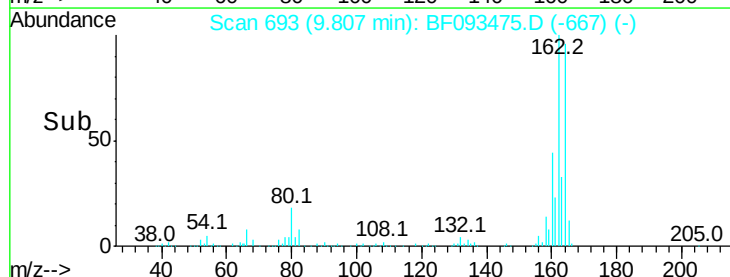
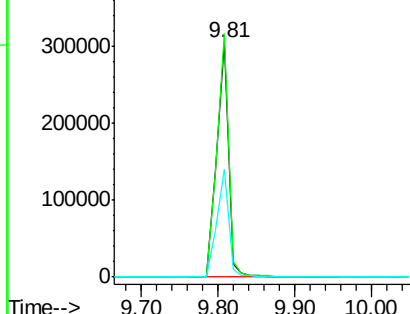


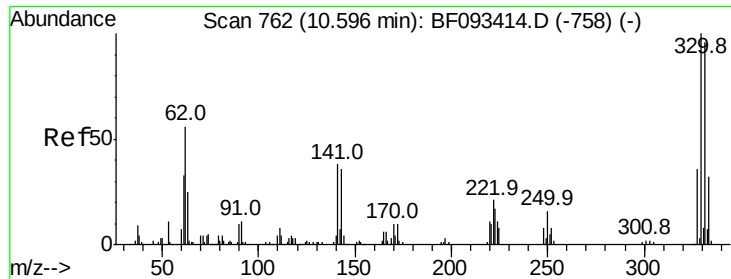
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 693
Delta R.T. -0.00 min
Lab File: BF093475.D
Acq: 9 Mar 2017 14:00

Tgt Ion:164 Resp: 325822
Ion Ratio Lower Upper
164 100
162 103.8 80.2 120.2
160 45.9 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

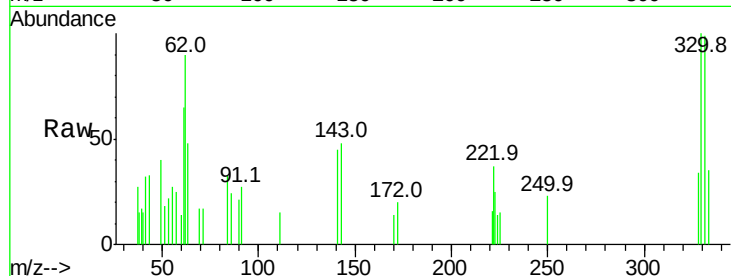




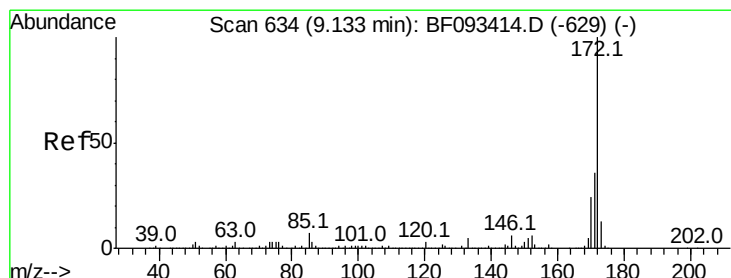
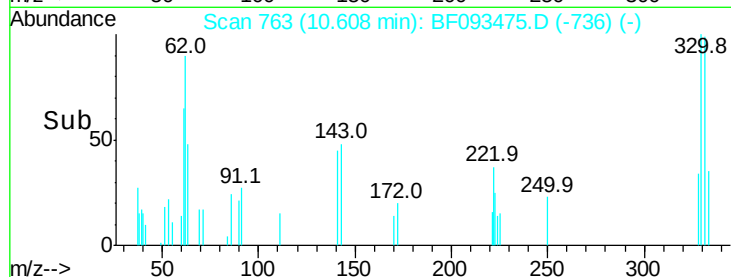
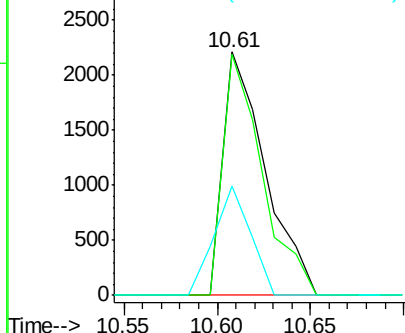
#41
 2,4,6-Tribromophenol
 Concen: 1.65 ng
 RT: 10.61 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BF093475.D
 Acq: 9 Mar 2017 14:00

Instrument :
 BNA_F
 ClientSampleId :
 030217-PRRT-E-U-MRE

Tot Ion:330 Resp: 3499
 Ion Ratio Lower Upper
 330 100
 332 91.9 77.4 116.2
 141 38.5 34.1 51.1

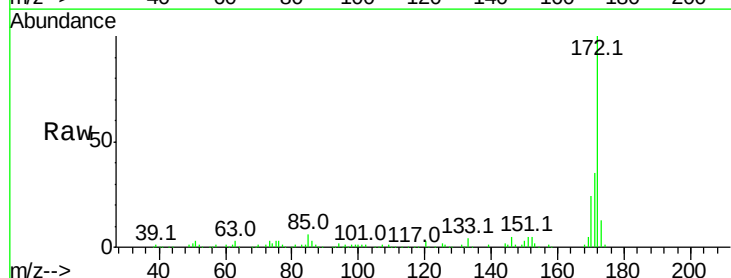


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

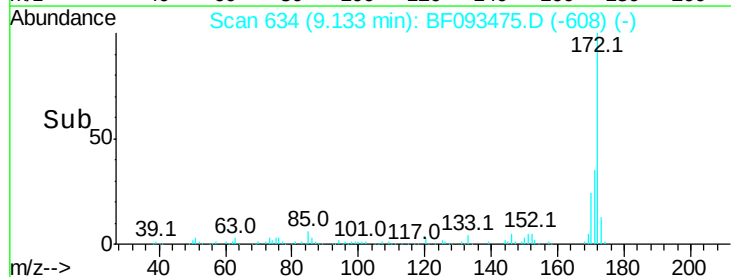
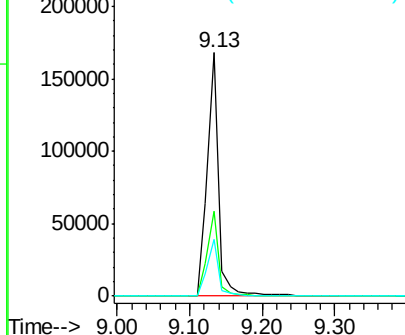


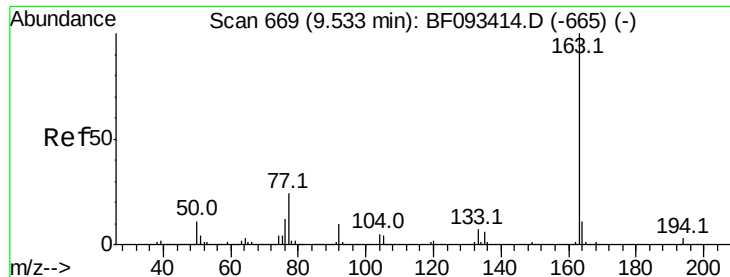
#44
 2-Fluorobiphenyl
 Concen: 10.54 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093475.D
 Acq: 9 Mar 2017 14:00

Tgt Ion:172 Resp: 184696
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.4 44.0
 170 23.5 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: 4.66 ng

RT: 9.53 min Scan# 669

Delta R.T. -0.00 min

Lab File: BF093475.D

Acq: 9 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-MRE

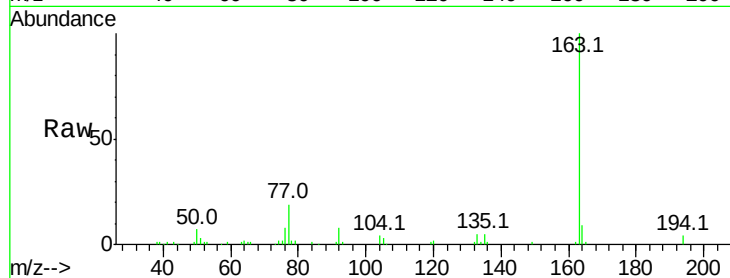
Tot Ion:163 Resp: 100563

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.4

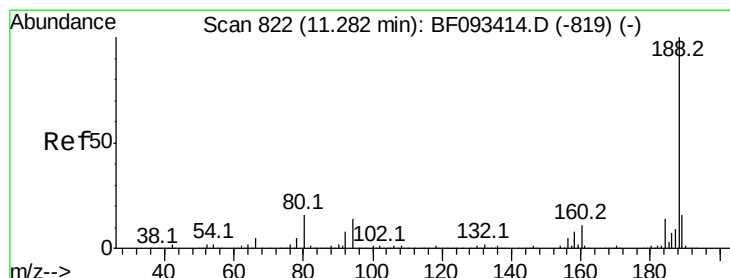
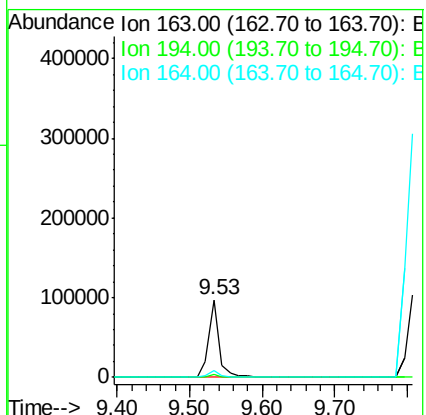
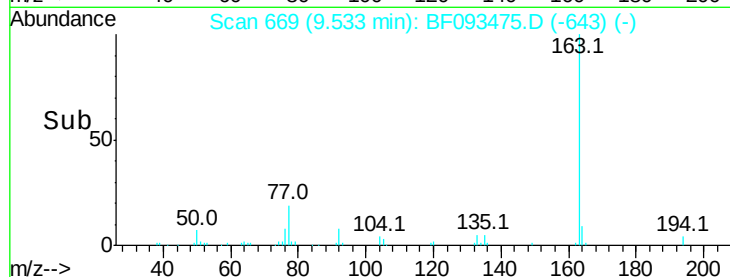
164 9.5 8.0 12.0



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: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093475.D

Acq: 9 Mar 2017 14:00

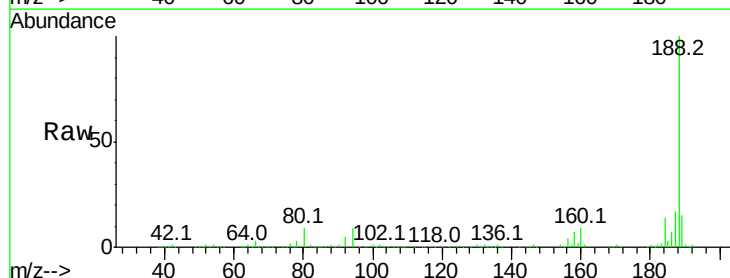
Tgt Ion:188 Resp: 501853

Ion Ratio Lower Upper

188 100

94 8.7 10.0 15.0#

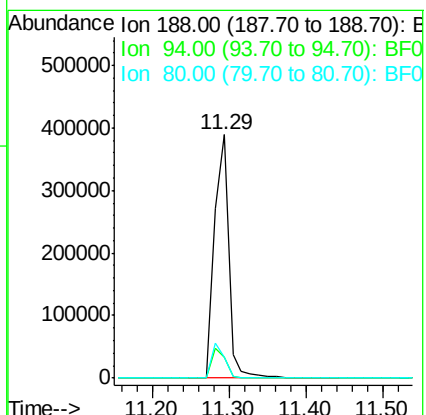
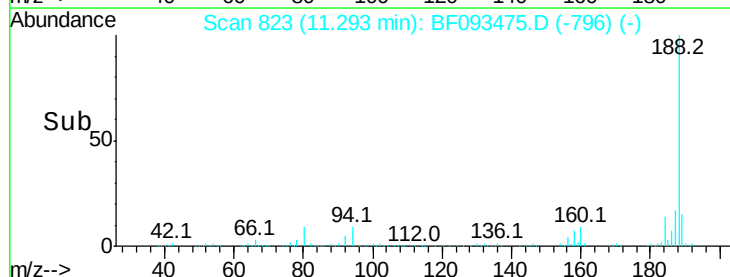
80 8.8 11.2 16.8#

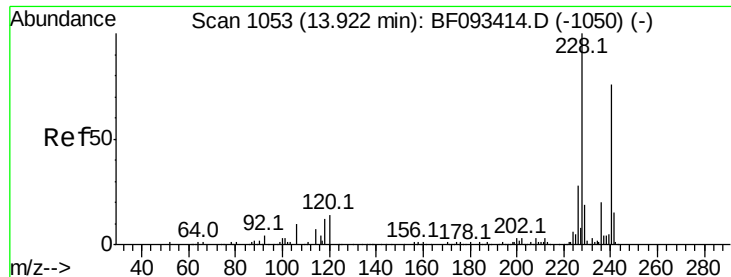


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF093475.D

Acq: 9 Mar 2017 14:00

Instrument :

BNA_F

ClientSampleId :

030217-PRRT-E-U-MRE

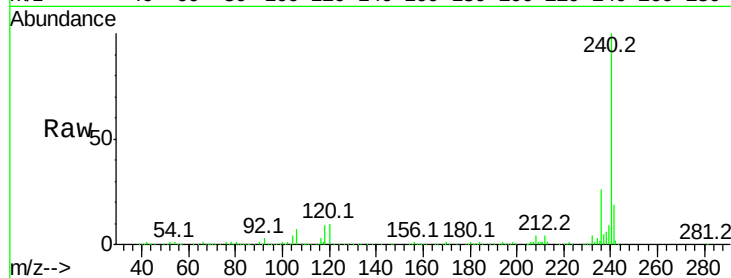
Tot Ion:240 Resp: 429628

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

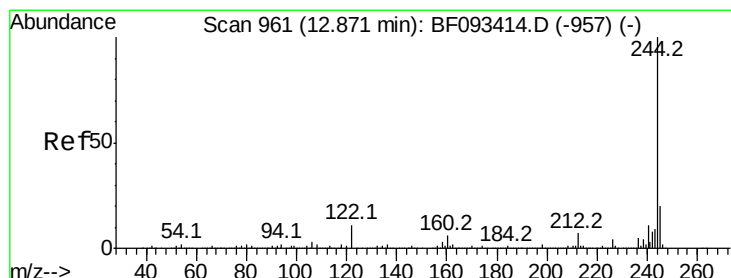
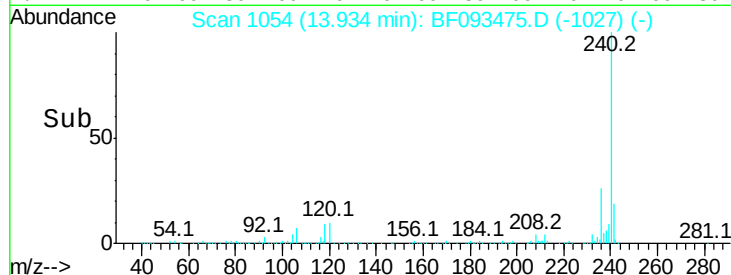
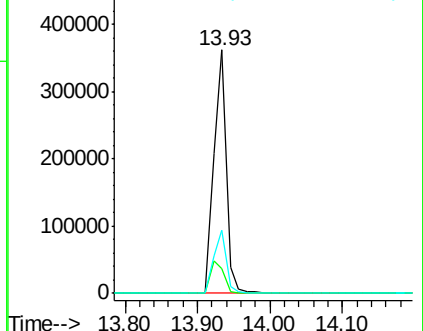
236 26.2 20.9 31.3



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: 10.71 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093475.D

Acq: 9 Mar 2017 14:00

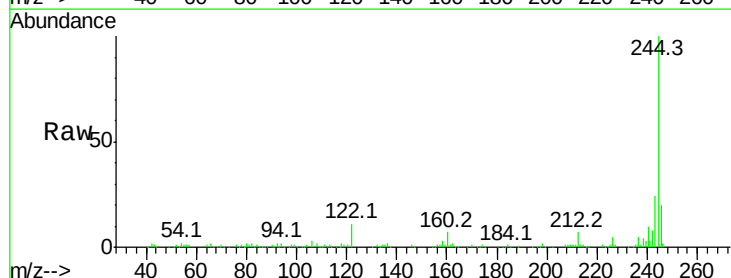
Tgt Ion:244 Resp: 176951

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

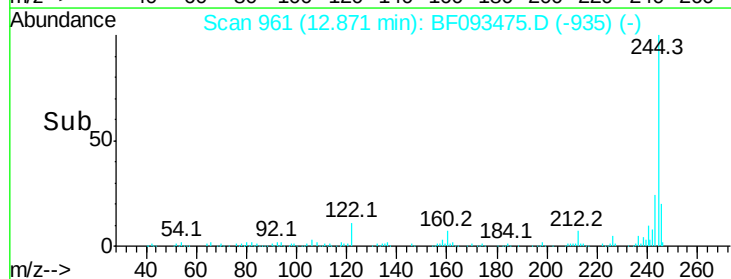
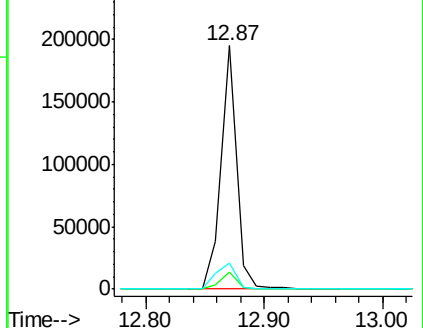
122 10.7 11.4 17.2#

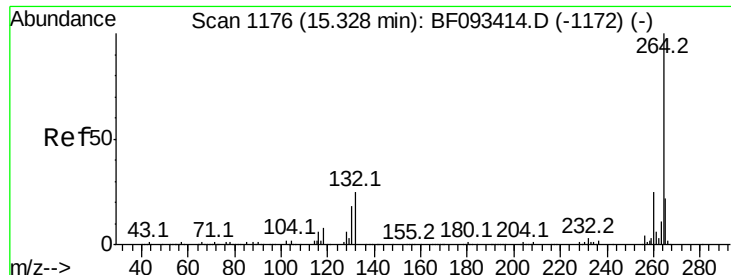


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.35 min Scan# 1178
Delta R.T. 0.02 min
Lab File: BF093475.D
Acq: 9 Mar 2017 14:00

Instrument :
BNA_F
ClientSampleId :
030217-PRRT-E-U-MRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	20.6	17.4	26.0

