

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022217\
 Data File : BF093089.D
 Acq On : 22 Feb 2017 21:38
 Operator : SJ/MA
 Sample : I1931-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-4

Quant Time: Feb 23 00:36:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

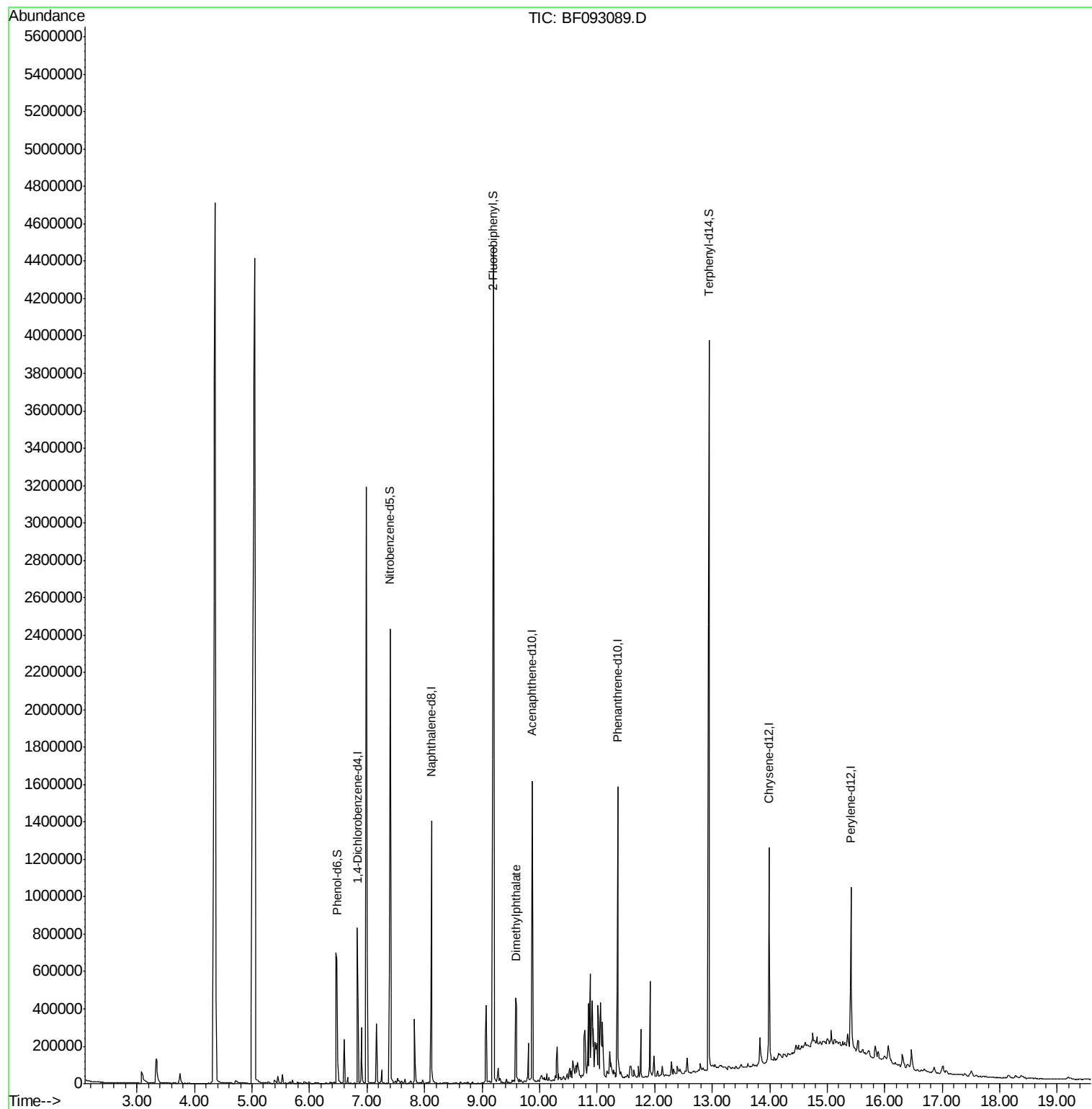
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	149782	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	636376	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	306811	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	577609	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	488238	20.00	ng	-0.03
86) Perylene-d12	15.41	264	363481	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	14375	1.65	ng	0.00
7) Phenol-d6	6.48	99	359572	32.01	ng	-0.01
23) Nitrobenzene-d5	7.40	82	827457	72.41	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.20	172	1441236	85.10	ng	-0.02
78) Terphenyl-d14	12.94	244	1476222	71.04	ng	-0.02
Target Compounds						
49) Dimethylphthalate	9.60	163	274110	13.26	ng	Qvalue 98

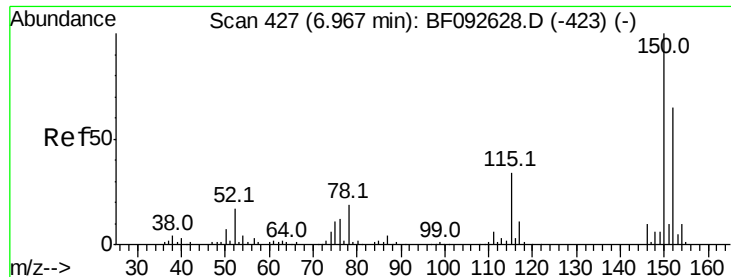
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampled :

P-4

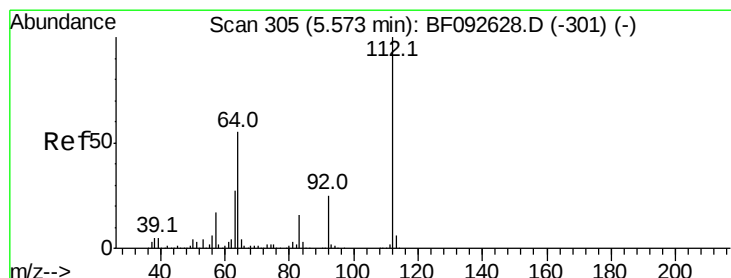
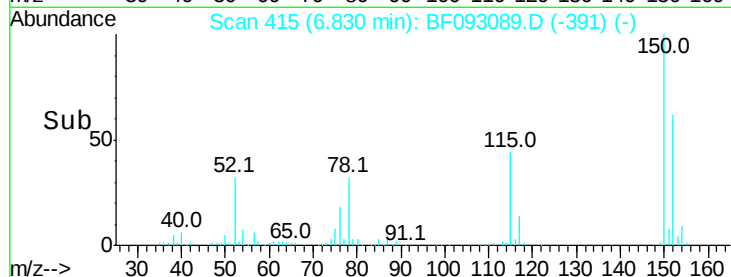
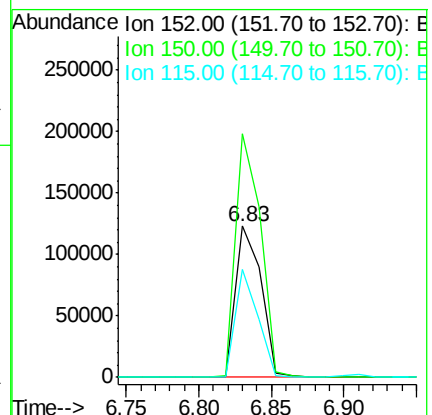
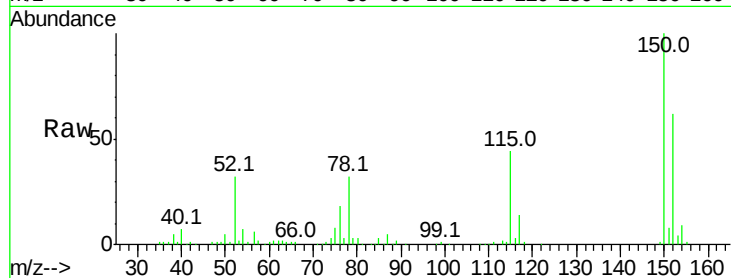
Tot Ion:152 Resp: 149782

Ion Ratio Lower Upper

152 100

150 161.1 124.9 187.3

115 71.1 46.0 69.0#



#5

2-Fluorophenol

Concen: 1.65 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

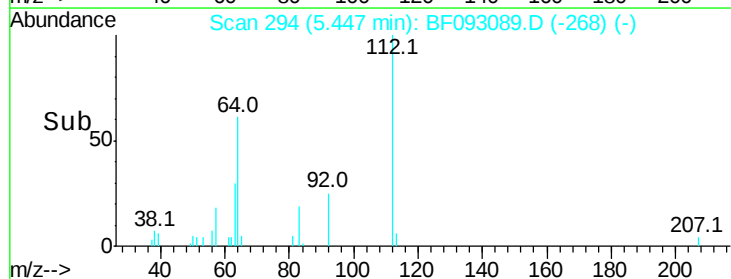
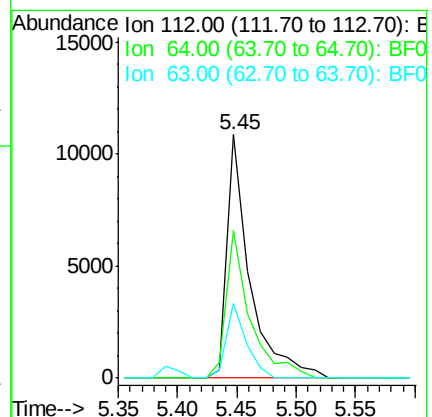
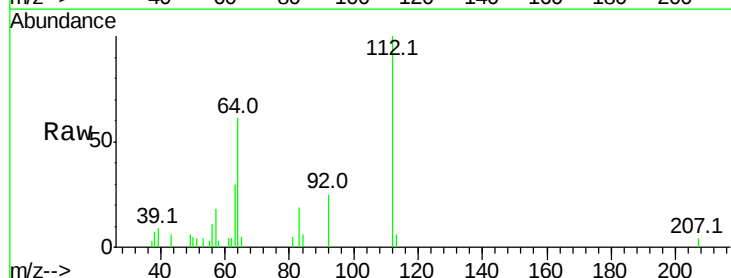
Tgt Ion:112 Resp: 14375

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

63 30.5 23.8 35.6





#7

Phenol-d6

Concen: 32.01 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

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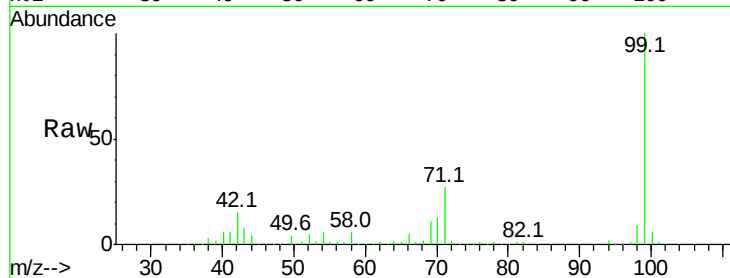
Tot Ion: 99 Resp: 359572

Ion Ratio Lower Upper

99 100

42 15.5 15.6 23.4#

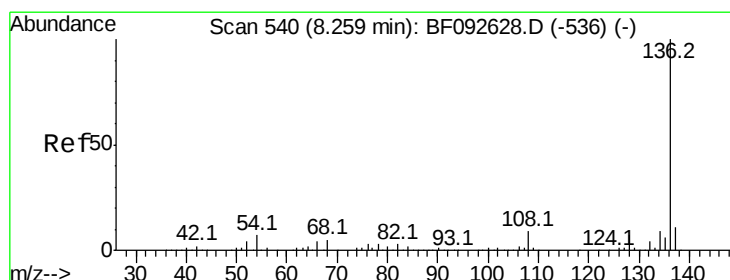
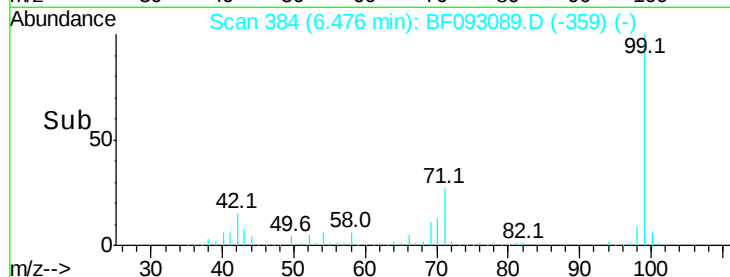
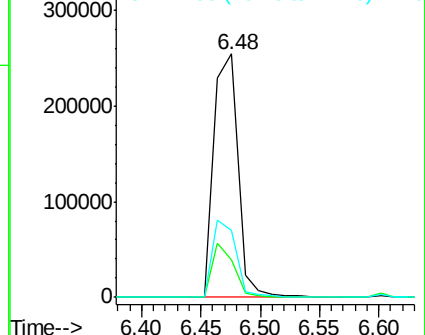
71 27.3 27.5 41.3#



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: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Tgt Ion: 136 Resp: 636376

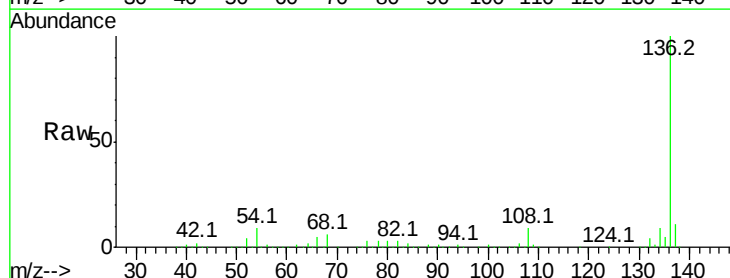
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.5 4.5 6.7#

68 6.4 3.6 5.4#

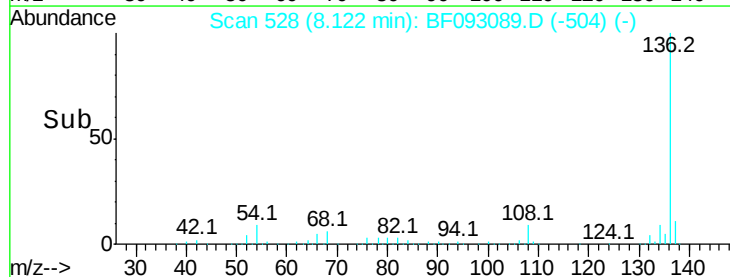
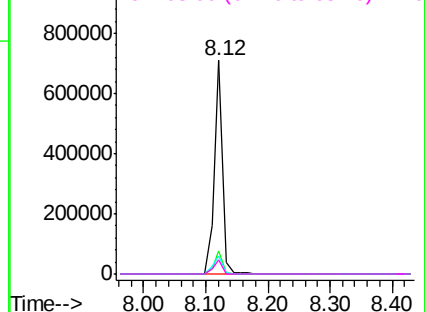


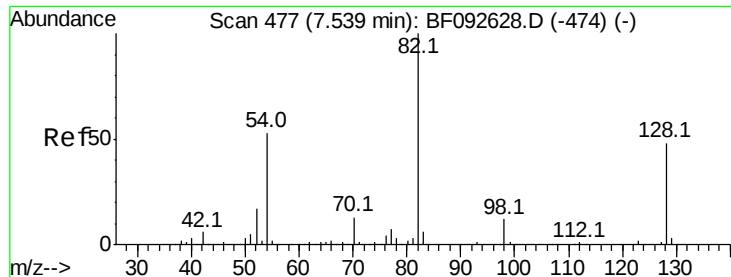
Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.41 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

P-4

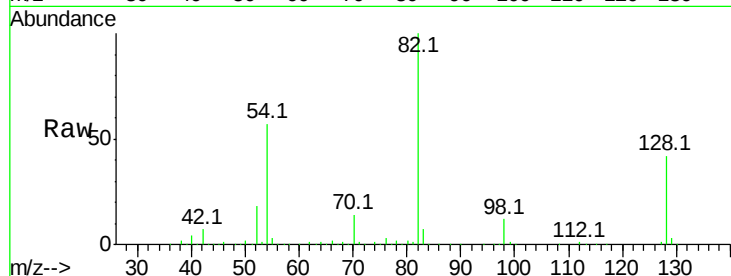
Tot Ion: 82 Resp: 827457

Ion Ratio Lower Upper

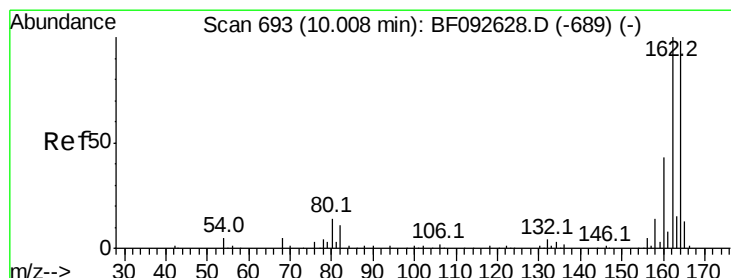
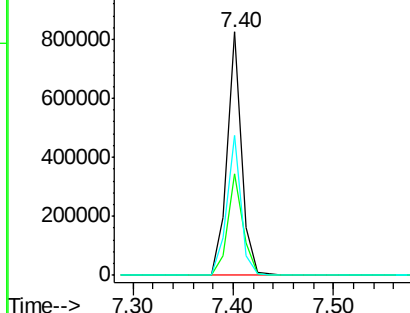
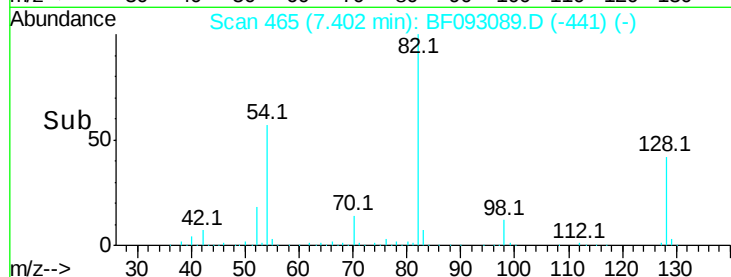
82 100

128 41.6 34.6 52.0

54 57.4 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

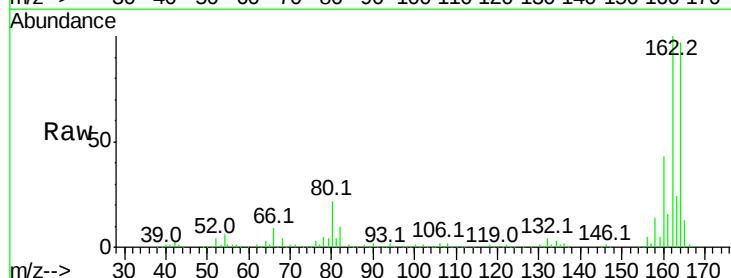
Tgt Ion:164 Resp: 306811

Ion Ratio Lower Upper

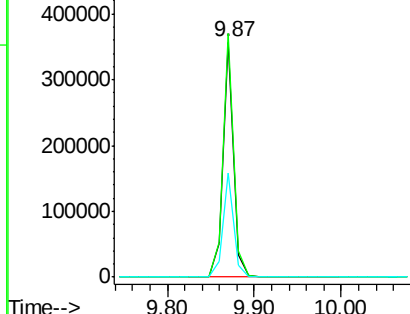
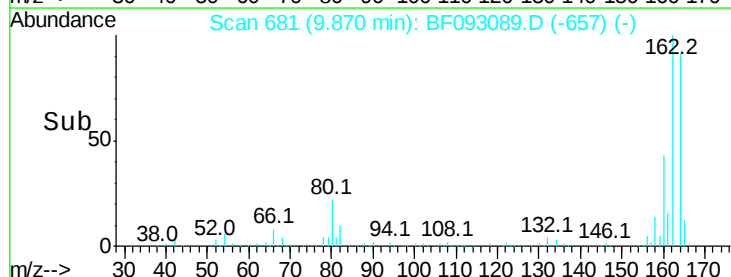
164 100

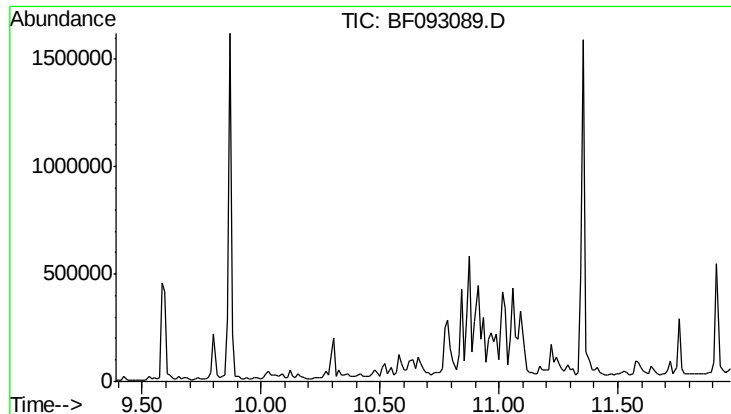
162 103.6 80.2 120.2

160 44.3 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

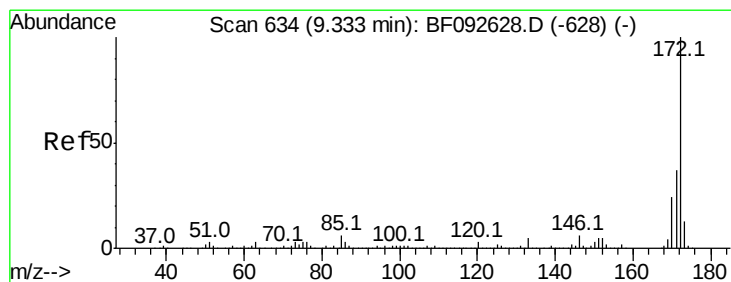
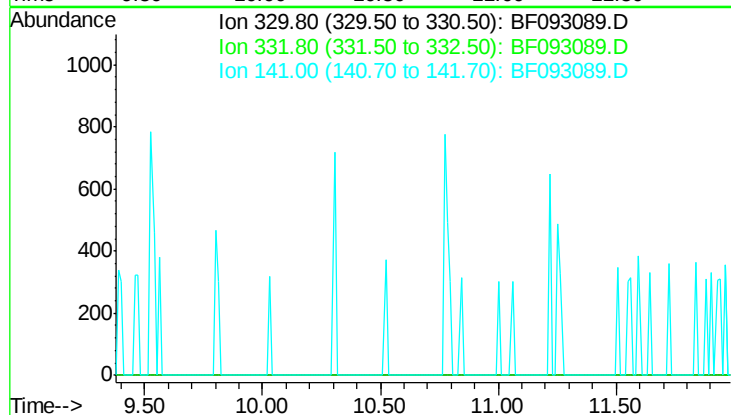




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093089.D
 Acq: 22 Feb 2017 21:38

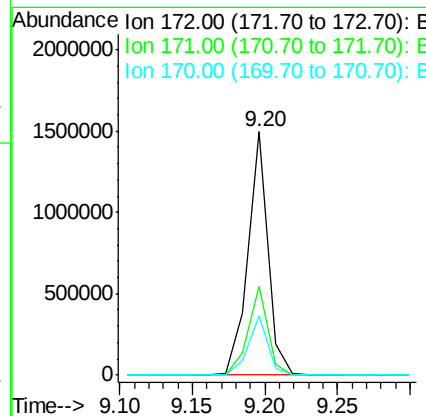
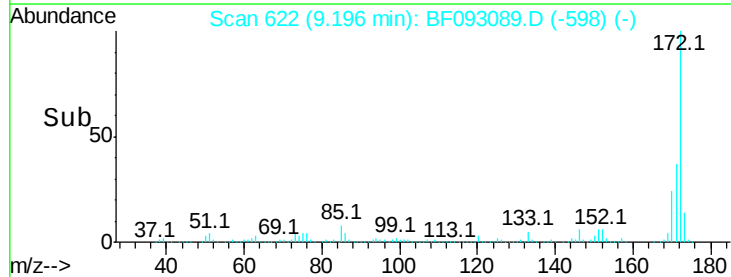
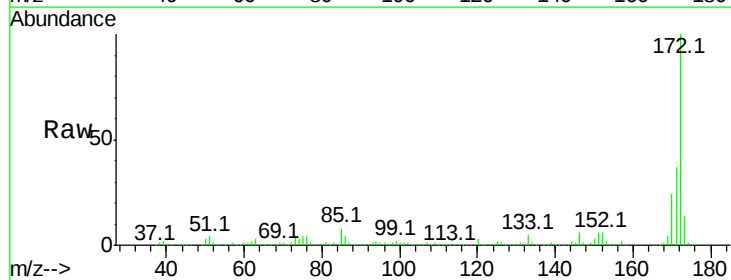
Instrument :
 BNA_F
 ClientSampleId :
 P-4

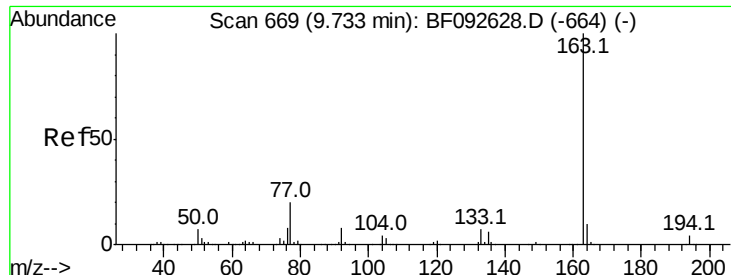
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 85.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093089.D
 Acq: 22 Feb 2017 21:38

Tgt Ion: 172 Resp: 1441236
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4





#49

Dimethylphthalate

Concen: 13.26 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampled :

P-4

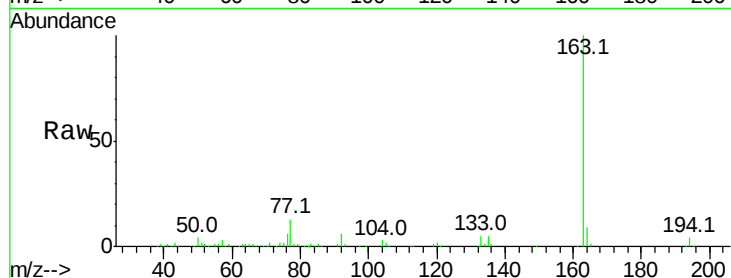
Tot Ion:163 Resp: 274110

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

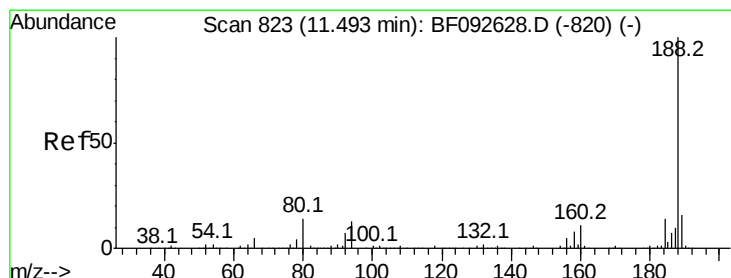
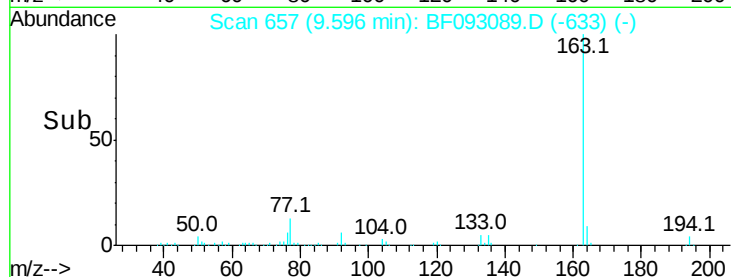
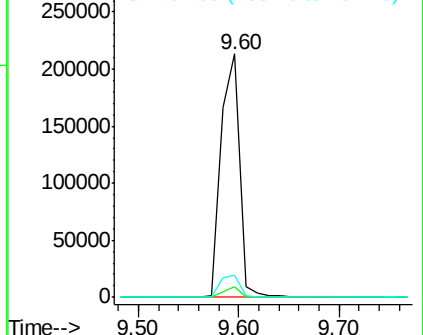
164 9.3 8.0 12.0



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: 11.36 min Scan# 811

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

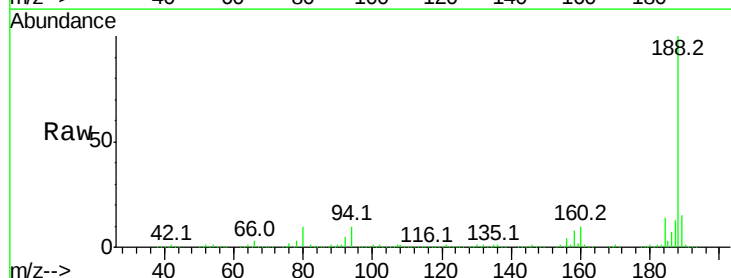
Tgt Ion:188 Resp: 577609

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

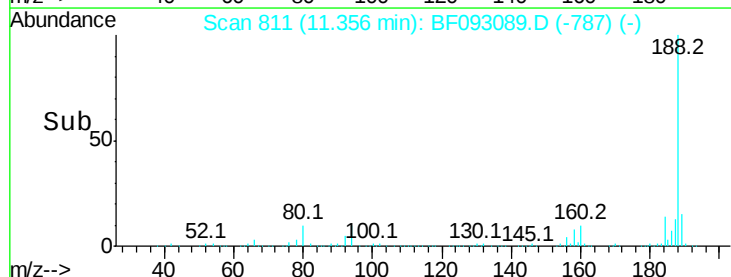
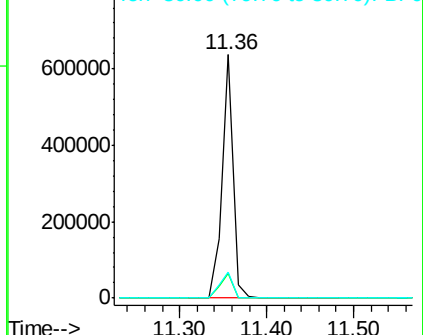
80 10.5 11.2 16.8#

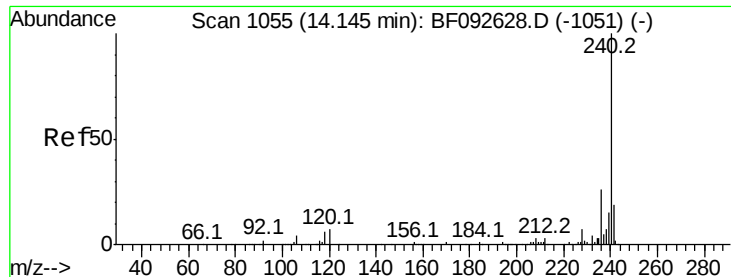


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampled :

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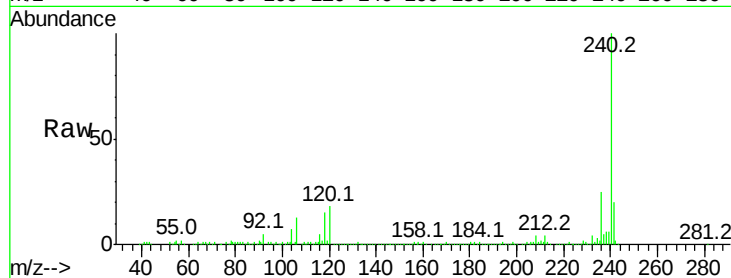
Tot Ion:240 Resp: 488238

Ion Ratio Lower Upper

240 100

120 18.2 12.9 19.3

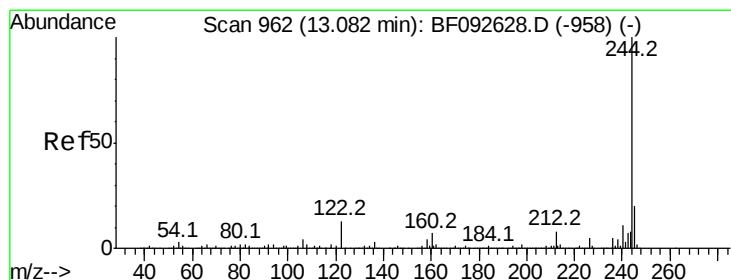
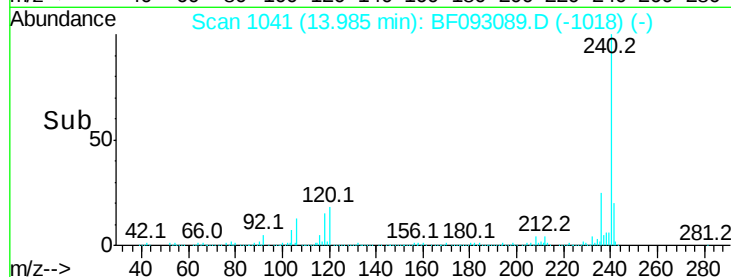
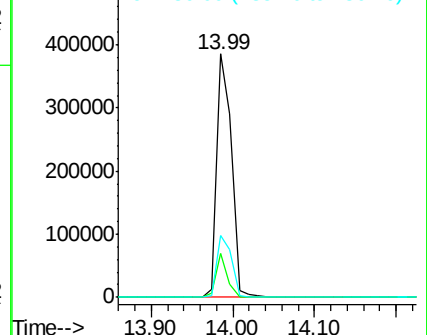
236 25.5 20.9 31.3



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: 71.04 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

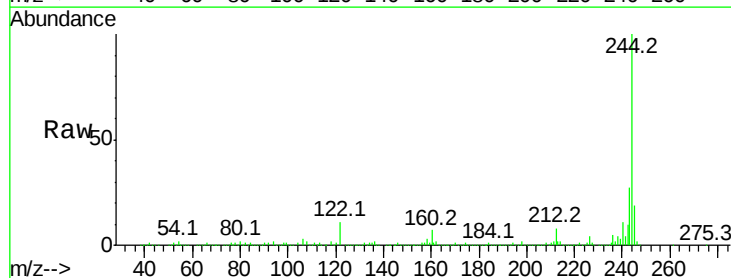
Tgt Ion:244 Resp: 1476222

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

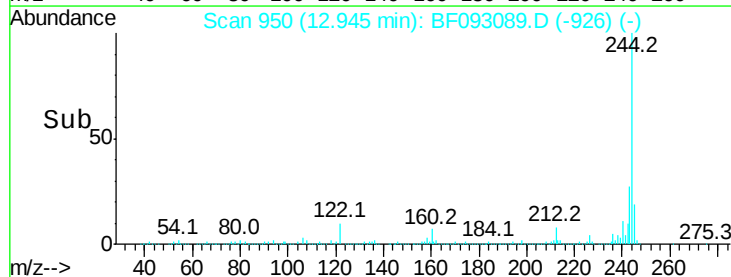
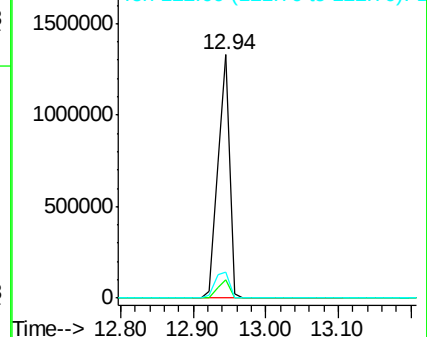
122 10.5 11.4 17.2#

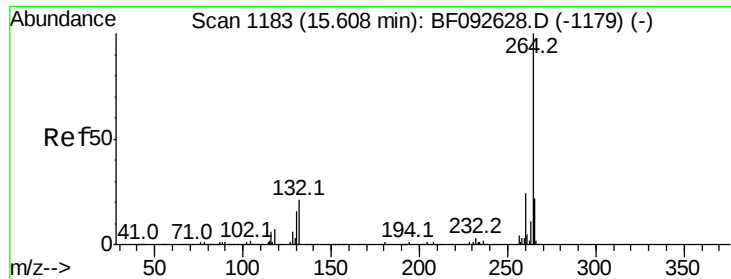


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. -0.03 min
Lab File: BF093089.D
Acq: 22 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:264 Resp: 363481
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 21.7 17.4 26.0

