

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030817\
 Data File : BF093457.D
 Acq On : 9 Mar 2017 5:49
 Operator : SJ/MA
 Sample : PB97426TB
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

Quant Time: Mar 09 06:21:17 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	167876	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	675125	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	281244	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	424329	20.00	ng	0.01
75) Chrysene-d12	13.93	240	360806	20.00	ng	0.01
86) Perylene-d12	15.35	264	279018	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1342132	133.06	ng	0.01
7) Phenol-d6	6.42	99	1791129	140.82	ng	0.01
23) Nitrobenzene-d5	7.34	82	1028915	84.56	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	205086	111.92	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1599444	105.78	ng	0.00
78) Terphenyl-d14	12.87	244	1010326	72.80	ng	0.00

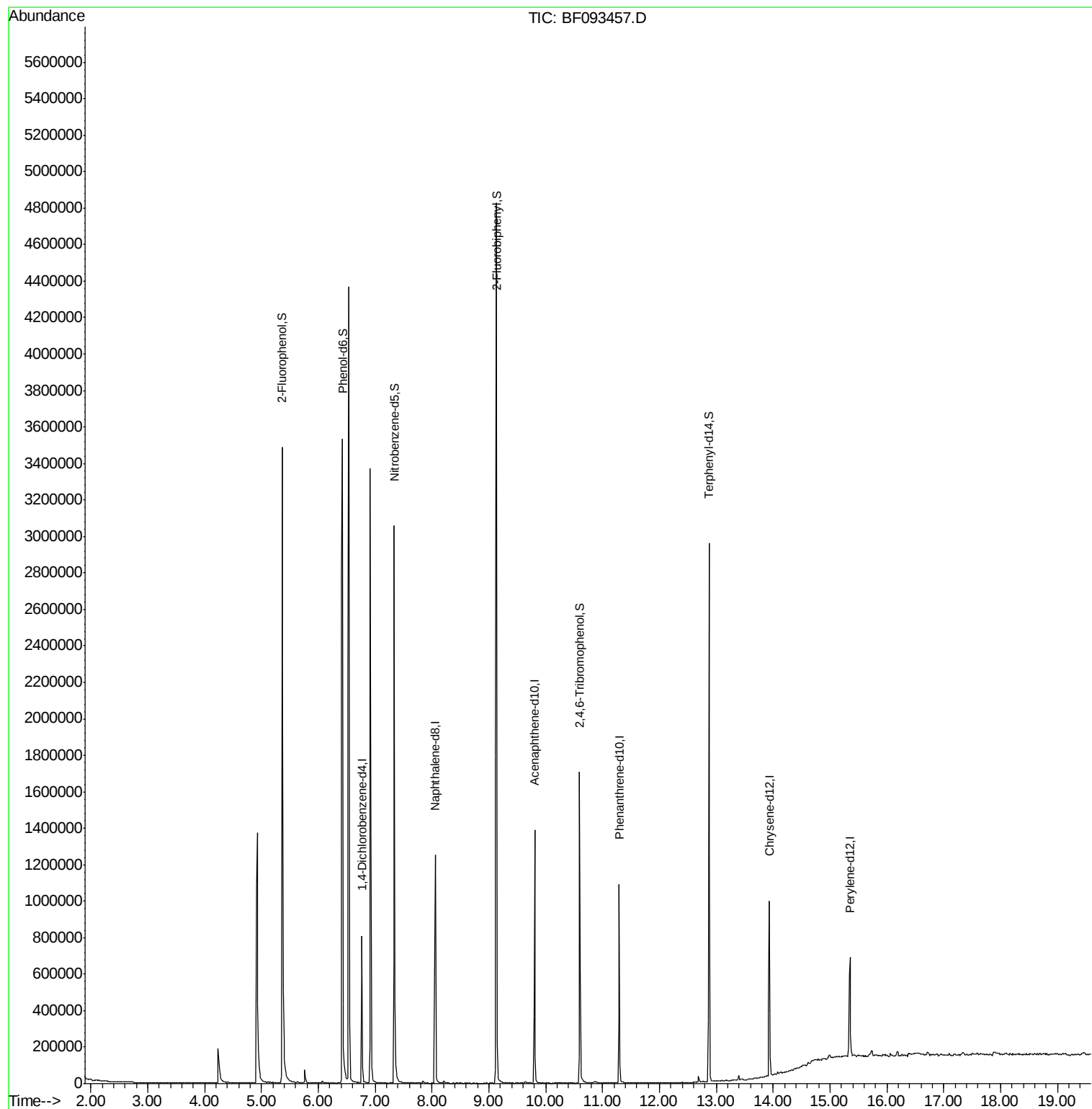
Target Compounds Qvalue

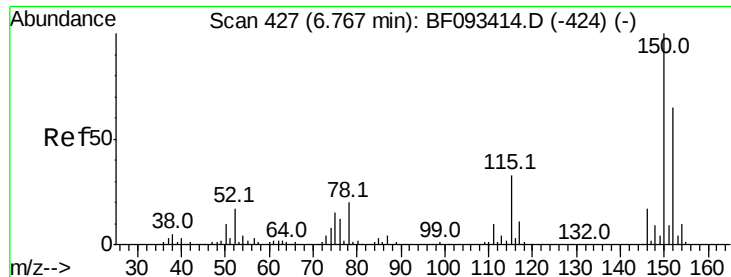
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

BNA_F

ClientSampleId :

PB97426TB

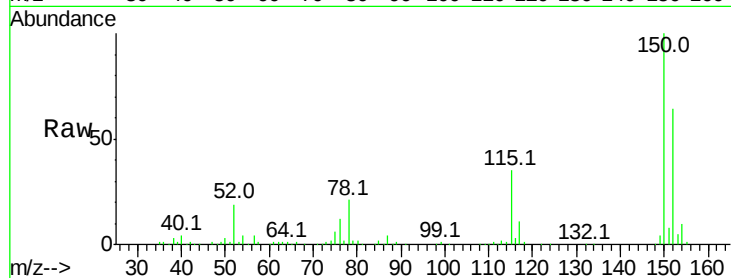
Tot Ion:152 Resp: 167876

Ion Ratio Lower Upper

152 100

150 155.6 124.9 187.3

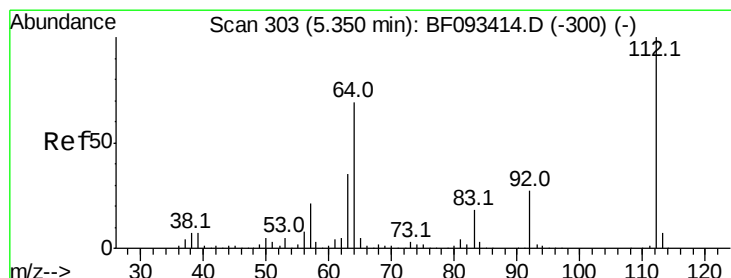
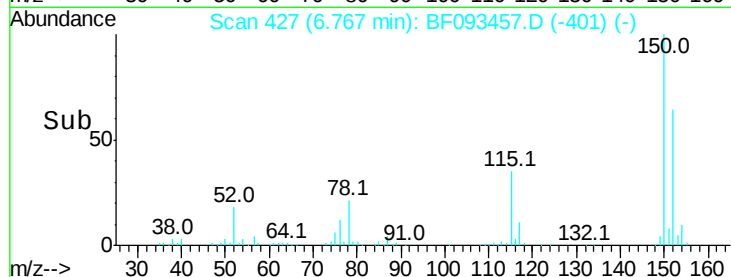
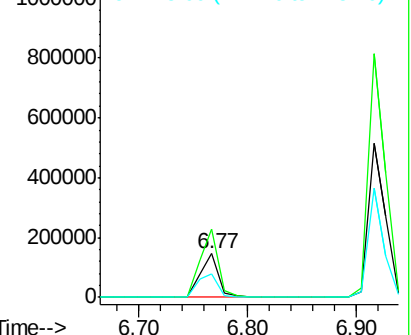
115 54.7 46.0 69.0



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: 133.06 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

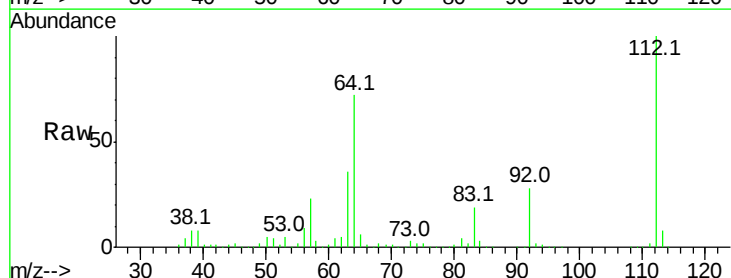
Tgt Ion:112 Resp: 1342132

Ion Ratio Lower Upper

112 100

64 72.3 46.1 69.1#

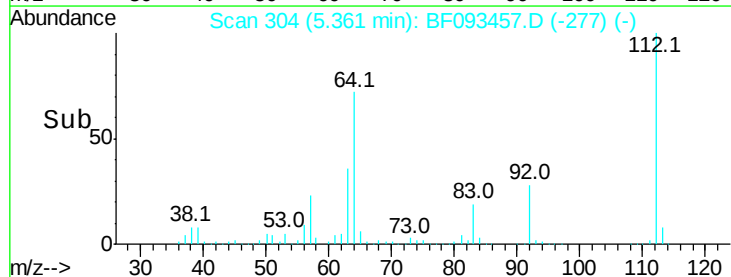
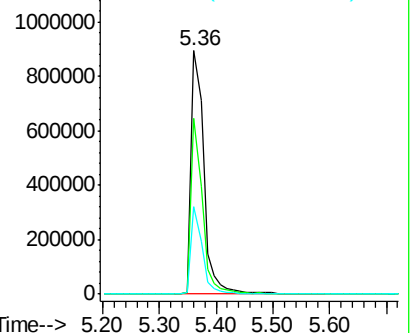
63 36.1 23.8 35.6#

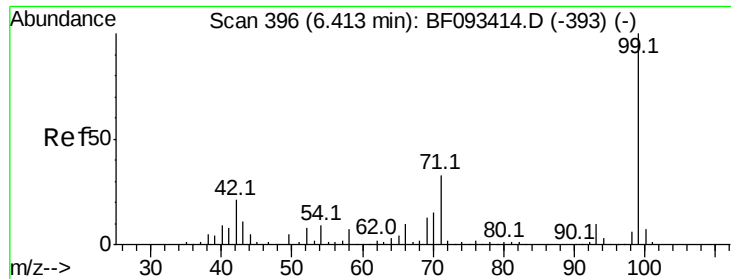


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 140.82 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Instrument :

BNA_F

ClientSampleId :

PB97426TB

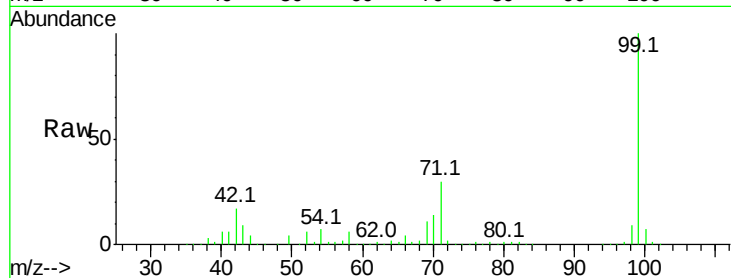
Tot Ion: 99 Resp: 1791129

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

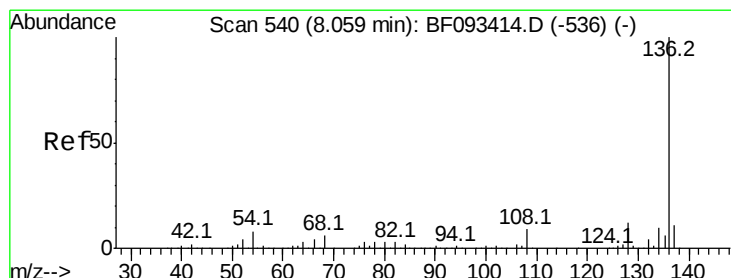
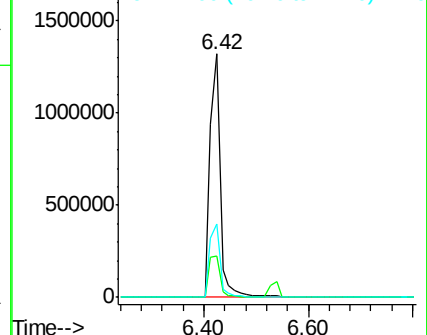
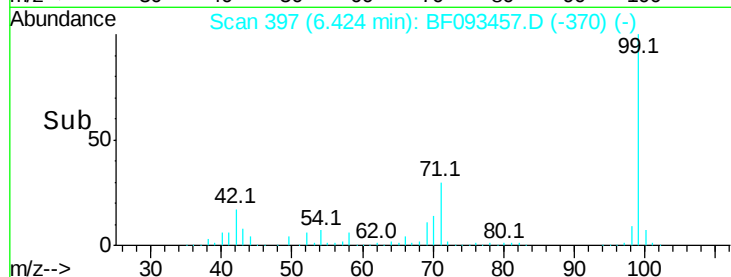
71 30.4 27.5 41.3



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: 8.06 min Scan# 540

Delta R.T. -0.00 min

Lab File: BF093457.D

Acq: 9 Mar 2017 5:49

Tgt Ion: 136 Resp: 675125

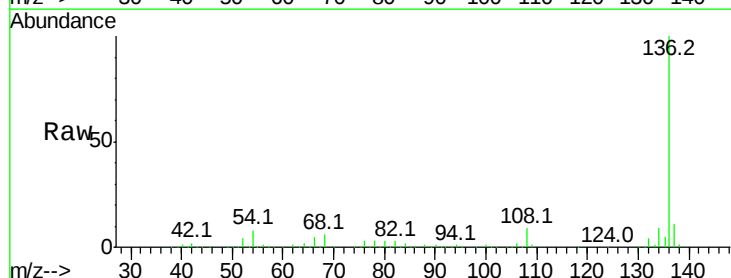
Ion Ratio Lower Upper

136 100

137 10.6 8.4 12.6

54 8.0 4.5 6.7#

68 5.9 3.6 5.4#

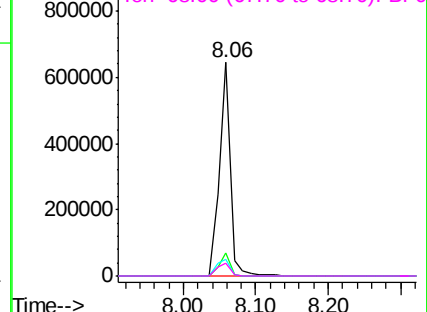
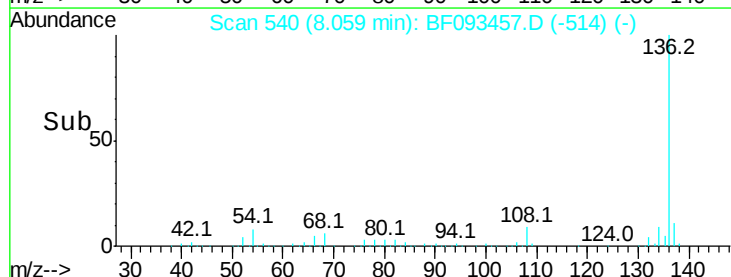


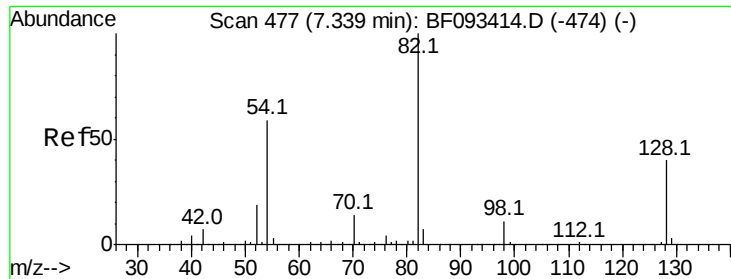
Abundance Ion 136.00 (135.70 to 136.70): E

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



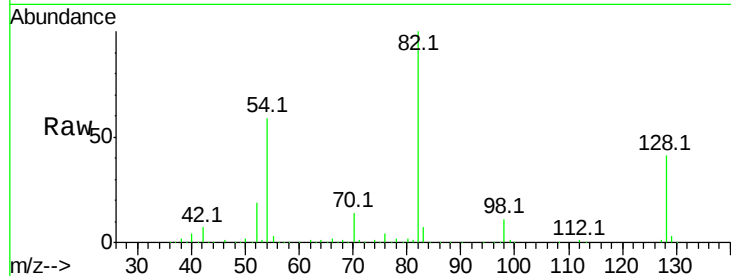


#23
 Nitrobenzene-d5
 Concen: 84.56 ng
 RT: 7.34 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

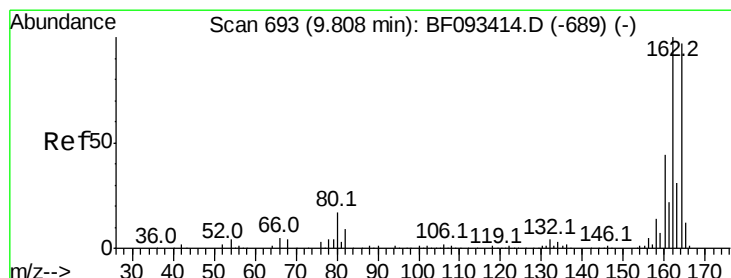
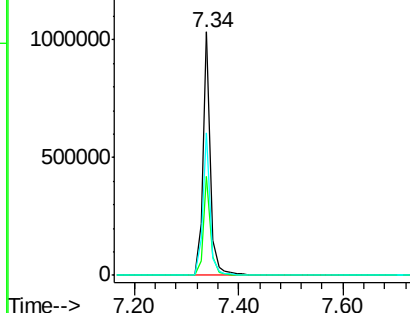
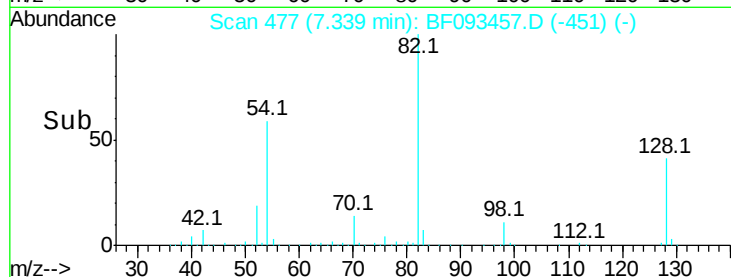
Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

Tot Ion: 82 Resp: 1028915

Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.6	52.0
54	58.5	39.5	59.3



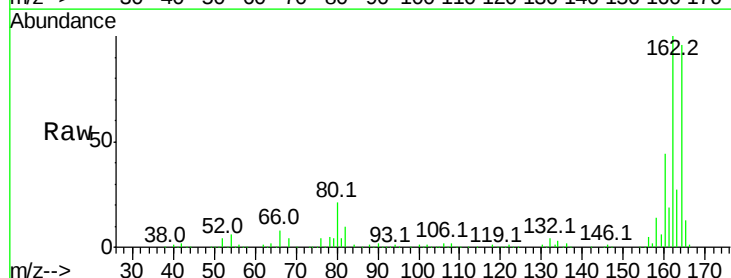
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0



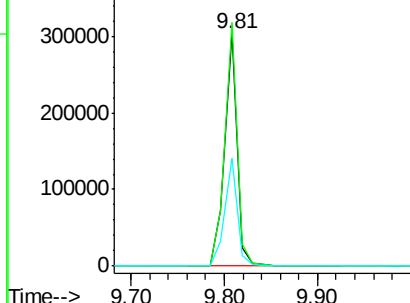
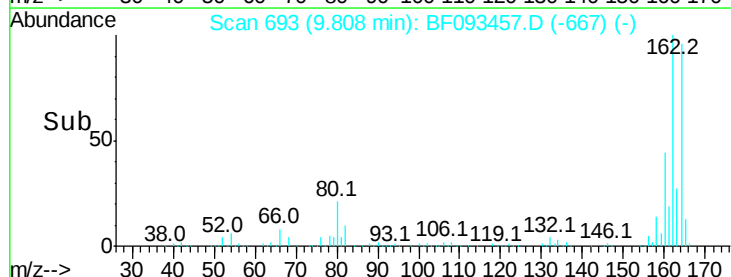
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

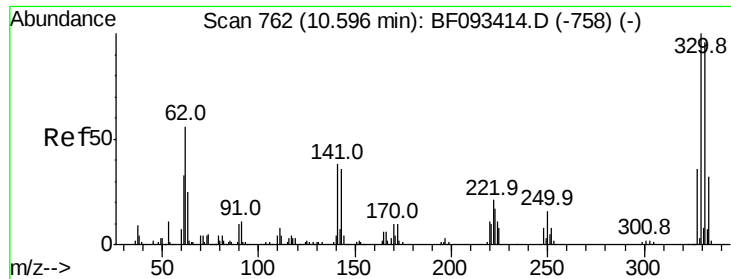
Tgt Ion: 164 Resp: 281244

Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.2	120.2
160	46.3	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

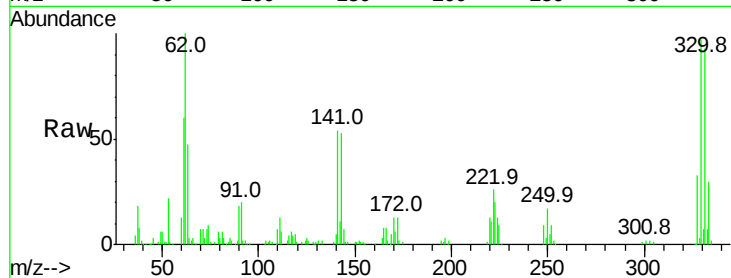




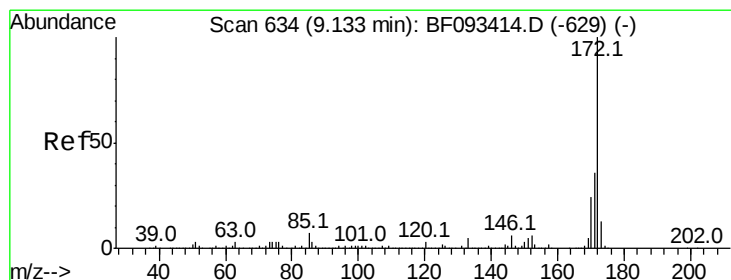
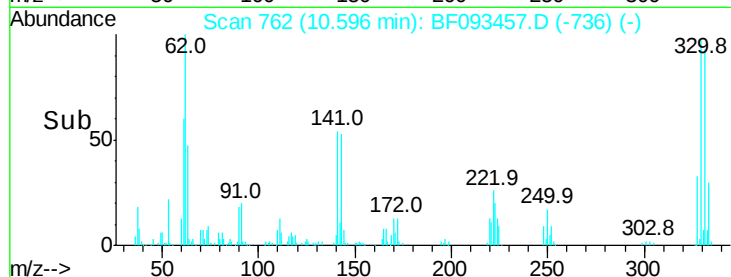
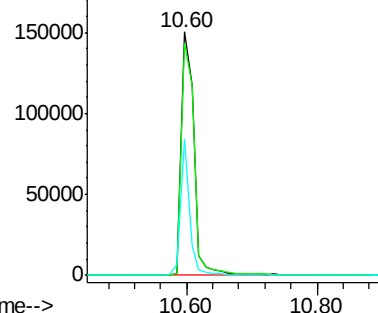
#41
 2,4,6-Tribromophenol
 Concen: 111.92 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.4	116.2
141	40.0	34.1	51.1

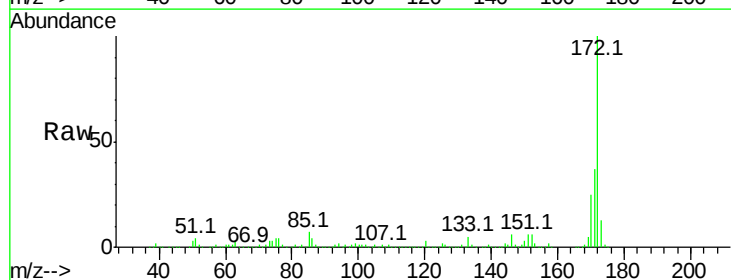


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

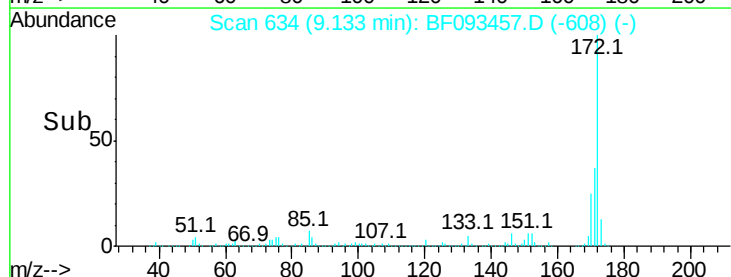
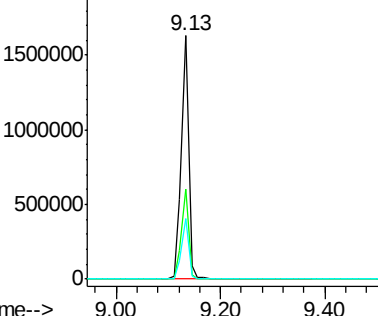


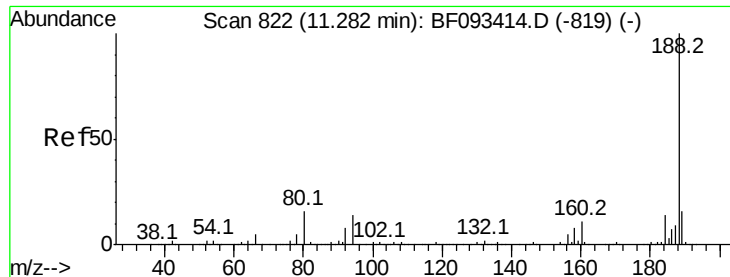
#44
 2-Fluorobiphenyl
 Concen: 105.78 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	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

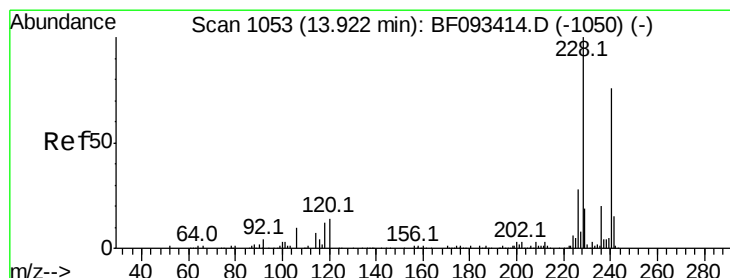
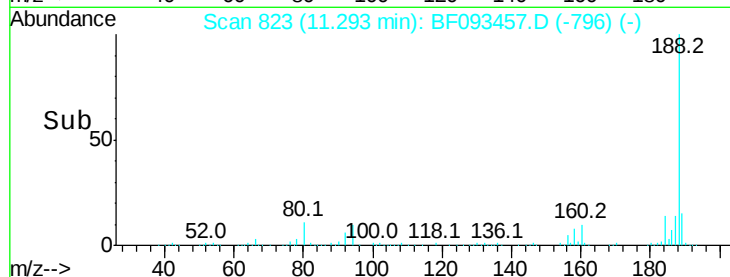
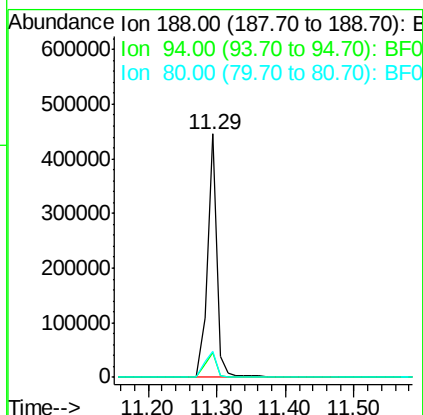
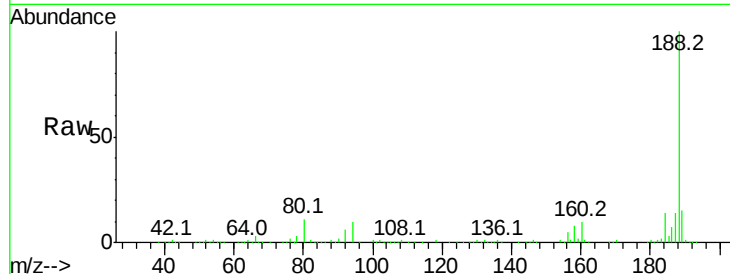




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 823
Delta R.T. 0.01 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

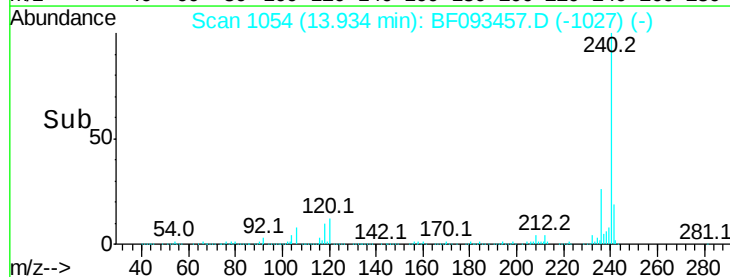
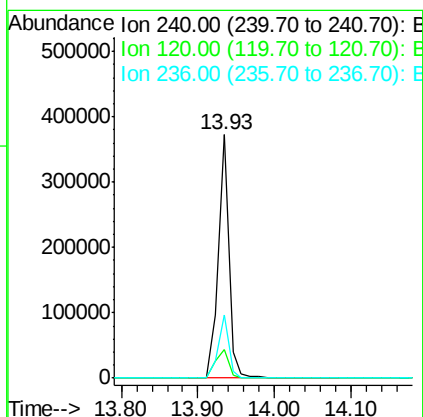
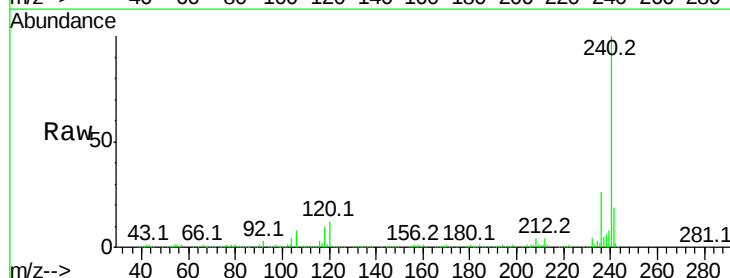
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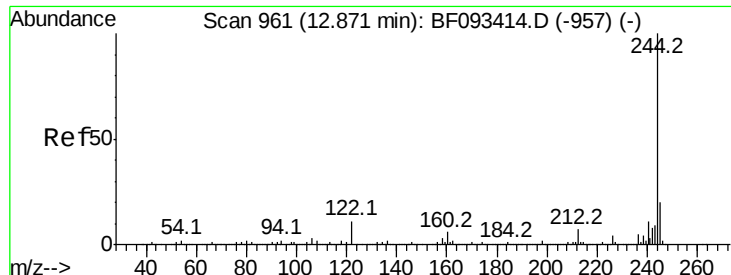
Tot Ion:188 Resp: 424329
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.6 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.93 min Scan# 1054
Delta R.T. 0.01 min
Lab File: BF093457.D
Acq: 9 Mar 2017 5:49

Tgt Ion:240 Resp: 360806
Ion Ratio Lower Upper
240 100
120 11.7 12.9 19.3#
236 25.7 20.9 31.3

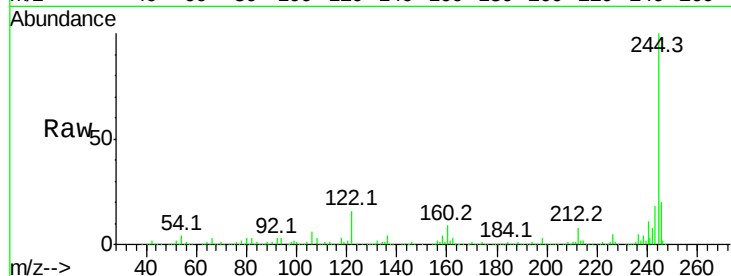




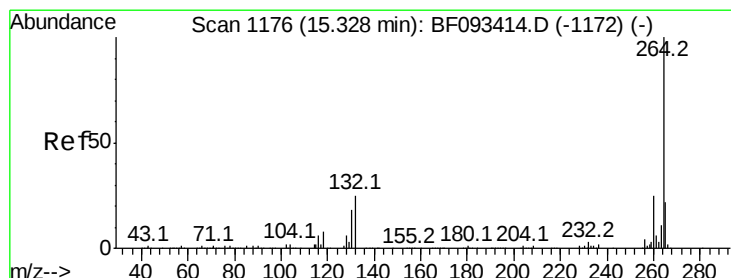
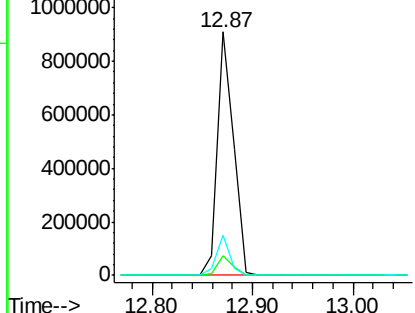
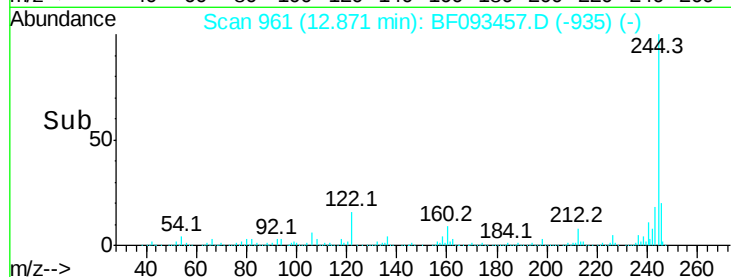
#78
 Terphenyl-d14
 Concen: 72.80 ng
 RT: 12.87 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97426TB

Tot Ion:244 Resp: 1010326
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 16.3 11.4 17.2

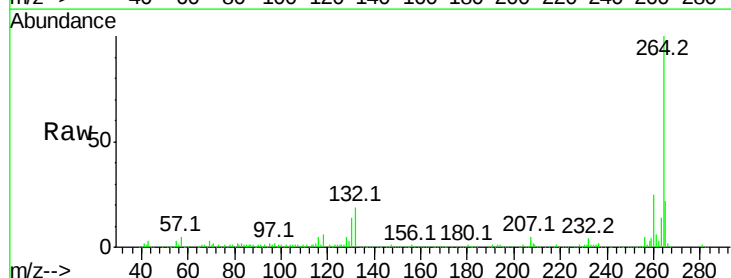


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1178
 Delta R.T. 0.02 min
 Lab File: BF093457.D
 Acq: 9 Mar 2017 5:49

Tgt Ion:264 Resp: 279018
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.6 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

