

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012417\
 Data File : BF092458.D
 Acq On : 25 Jan 2017 4:42
 Operator : UM/SJ
 Sample : I1397-04
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Quant Time: Jan 25 05:49:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

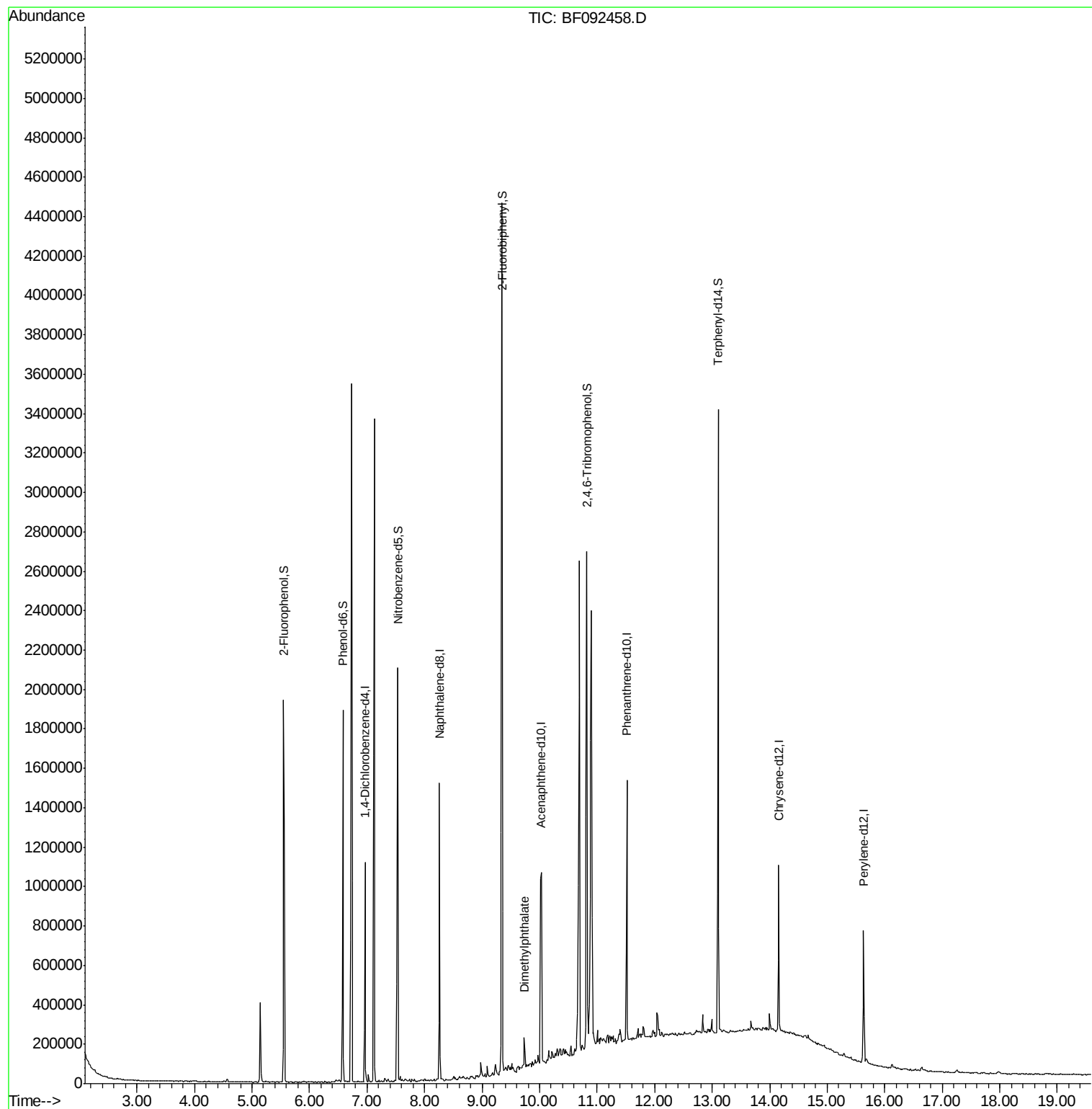
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158568	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	628032	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	318879	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	489121	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	320507	20.00	ng	-0.01
86) Perylene-d12	15.63	264	299726	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	668557	65.60	ng	0.00
7) Phenol-d6	6.58	99	554512	42.71	ng	-0.01
23) Nitrobenzene-d5	7.54	82	1098615	95.56	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	292841	134.76	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1511193	87.63	ng	-0.01
78) Terphenyl-d14	13.10	244	998793	82.98	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.73	163	74622	3.68	ng	Qvalue # 97

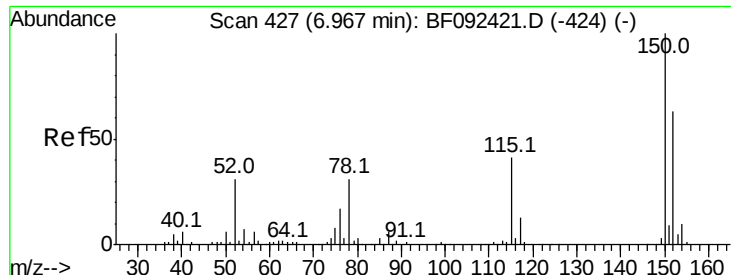
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

W-12

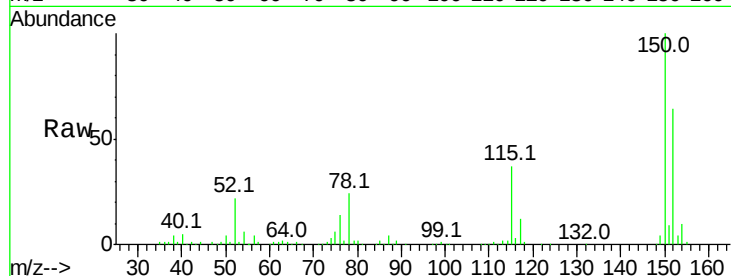
Tot Ion:152 Resp: 158568

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

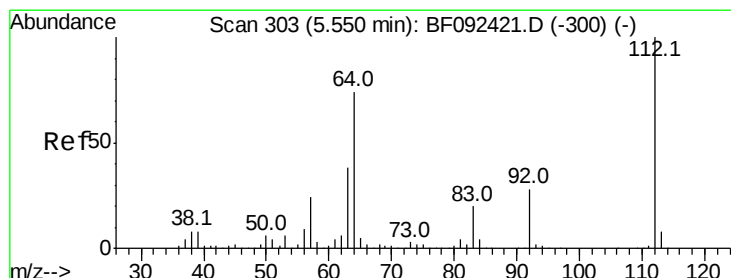
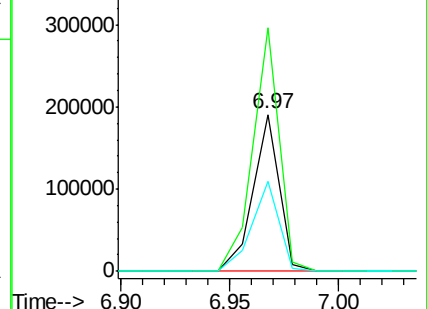
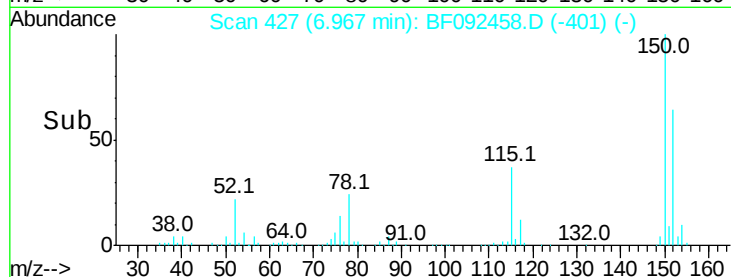
115 57.9 46.0 69.0



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: 65.60 ng

RT: 5.55 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

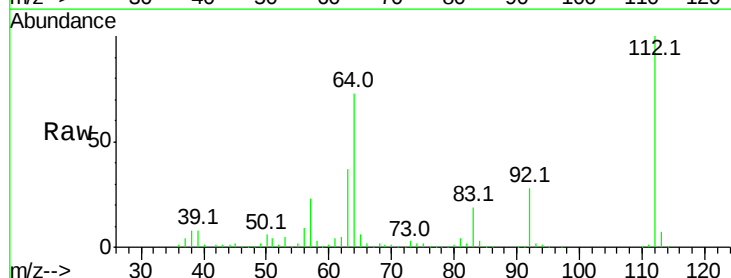
Tgt Ion:112 Resp: 668557

Ion Ratio Lower Upper

112 100

64 72.8 46.1 69.1#

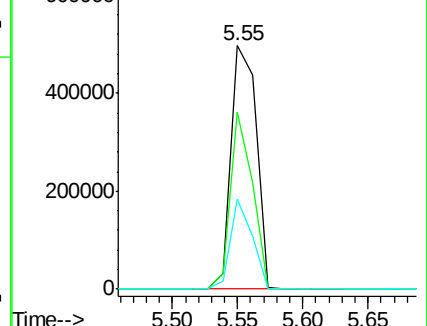
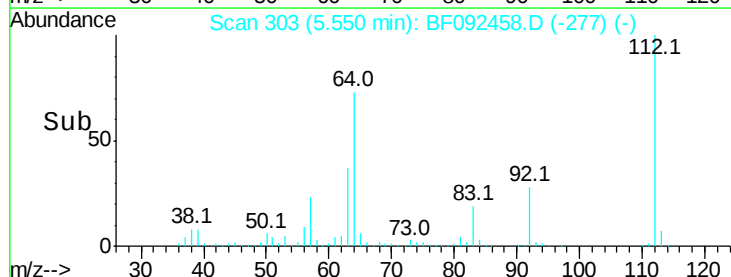
63 37.1 23.8 35.6#

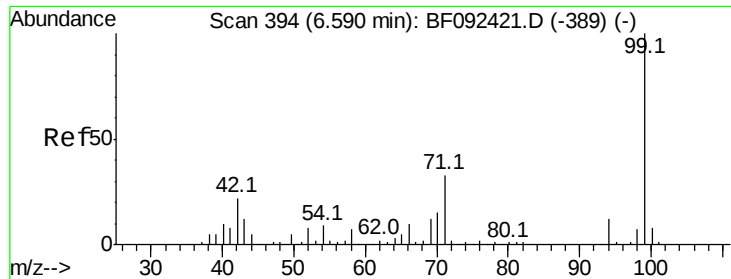


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.71 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

W-12

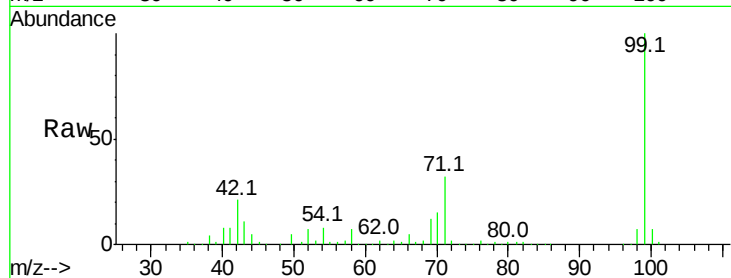
Tot Ion: 99 Resp: 554512

Ion Ratio Lower Upper

99 100

42 21.4 15.6 23.4

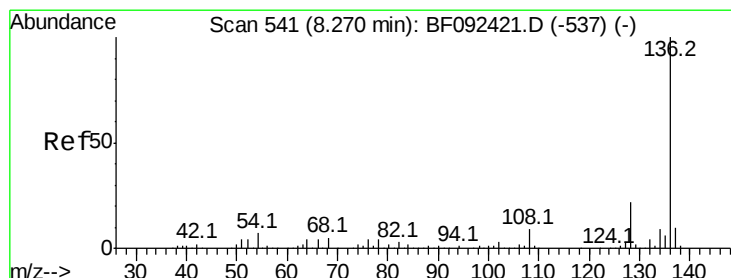
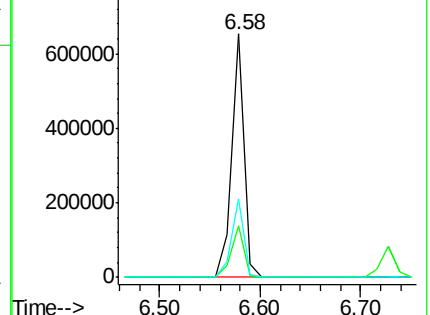
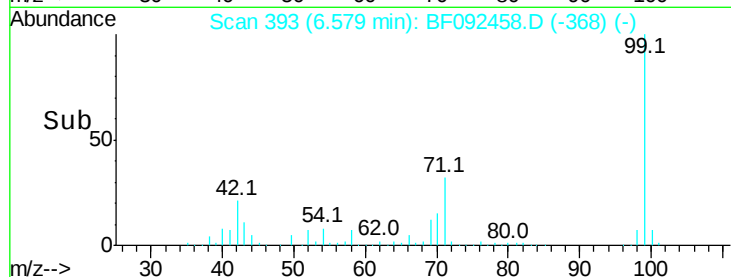
71 32.3 27.5 41.3



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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Tgt Ion: 136 Resp: 628032

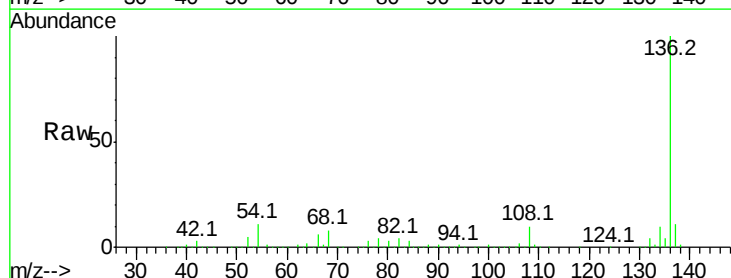
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.5 4.5 6.7#

68 7.6 3.6 5.4#

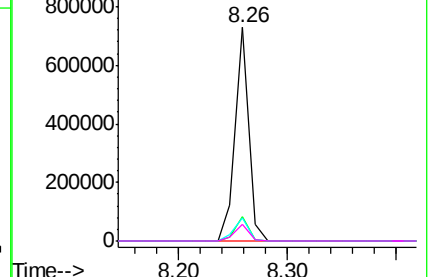
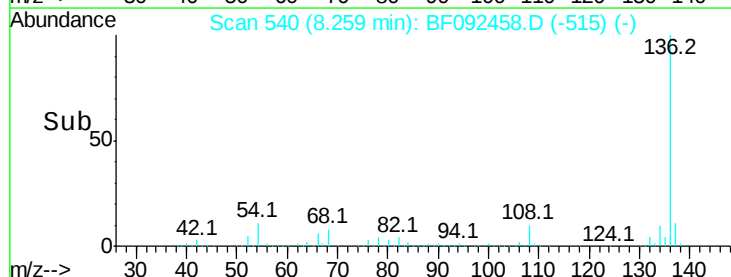


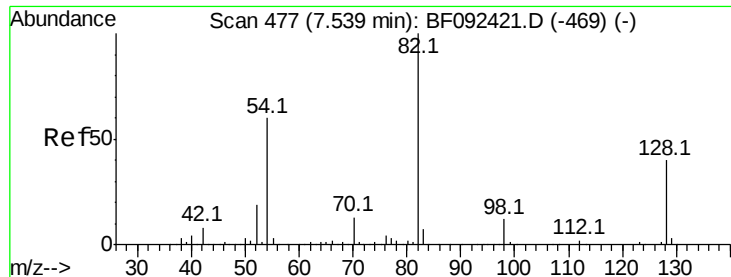
Abundance Ion 136.00 (135.70 to 136.70): E

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



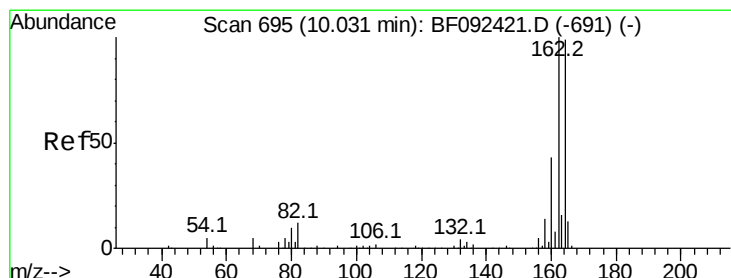
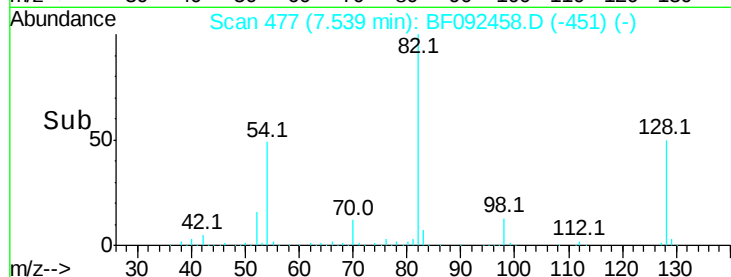
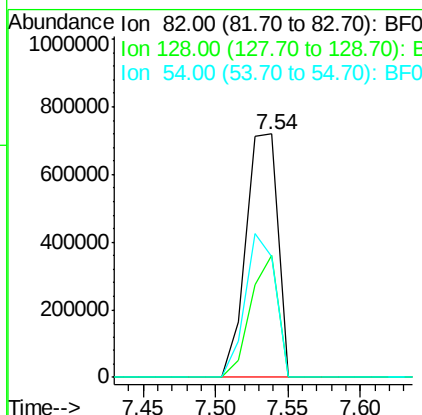
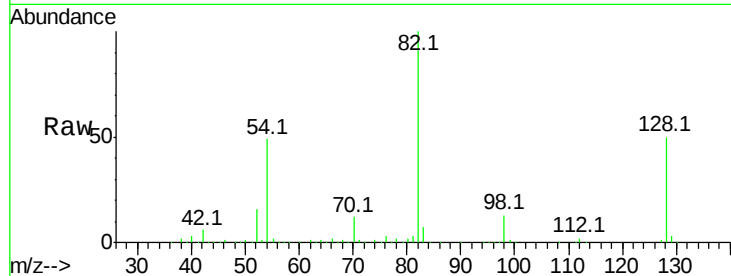


#23
 Nitrobenzene-d5
 Concen: 95.56 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion: 82 Resp: 1098615

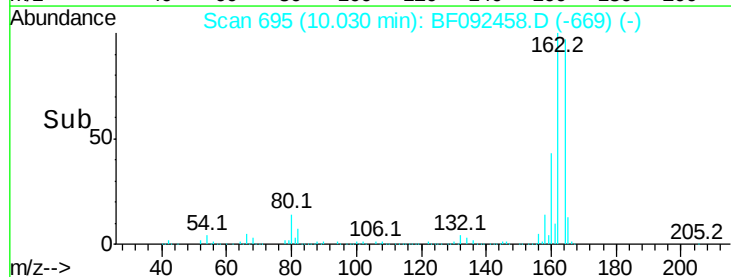
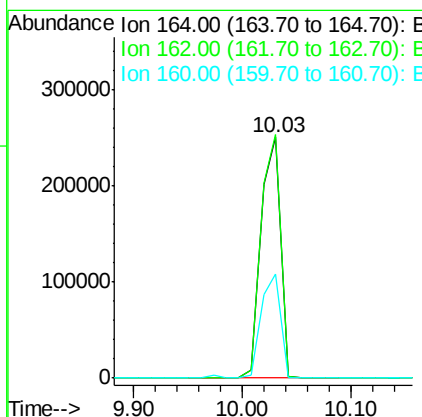
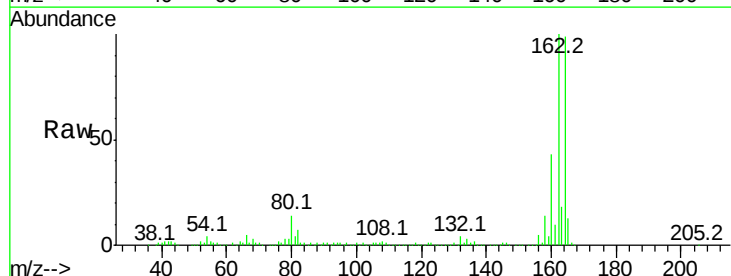
Ion	Ratio	Lower	Upper
82	100		
128	50.4	34.6	52.0
54	49.5	39.5	59.3

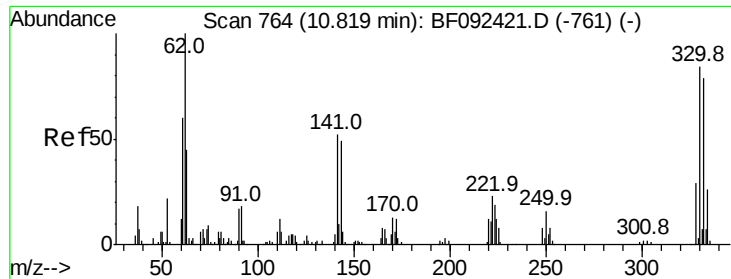


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Tgt Ion: 164 Resp: 318879

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.2	120.2
160	43.0	36.9	55.3

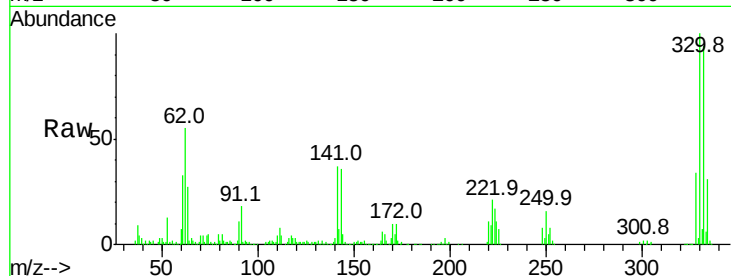




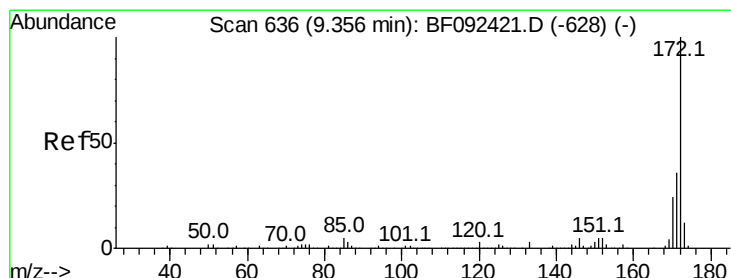
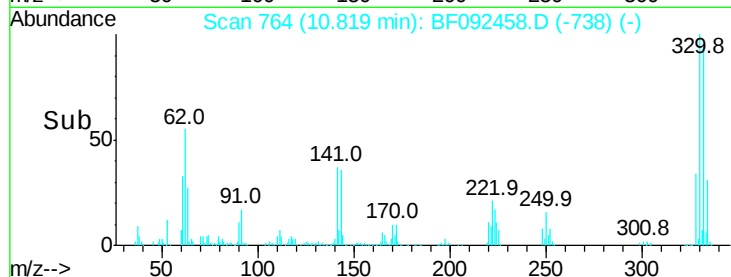
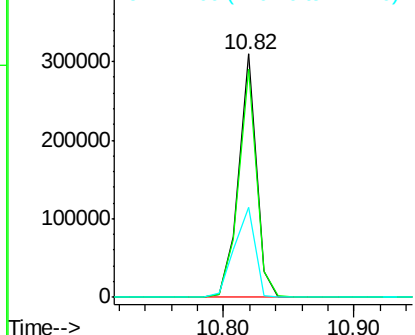
#41
 2,4,6-Tribromophenol
 Concen: 134.76 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Instrument :
 BNA_F
 ClientSampleId :
 W-12

Tot Ion:330 Resp: 292841
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.2
 141 42.9 34.1 51.1

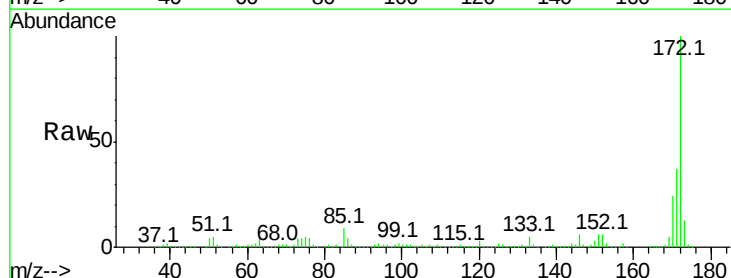


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

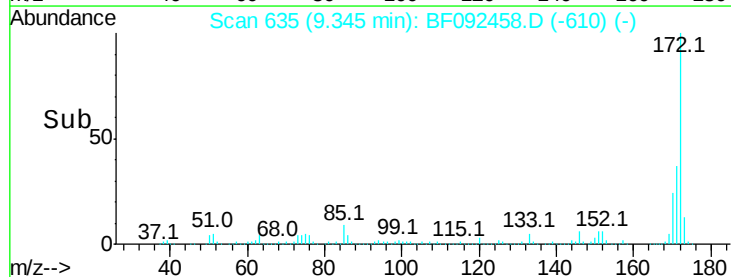
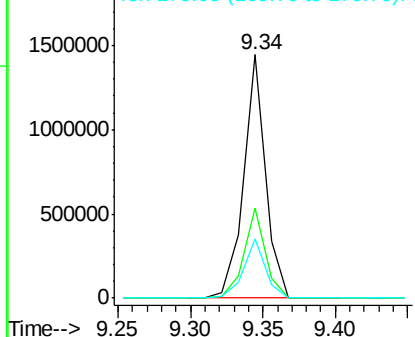


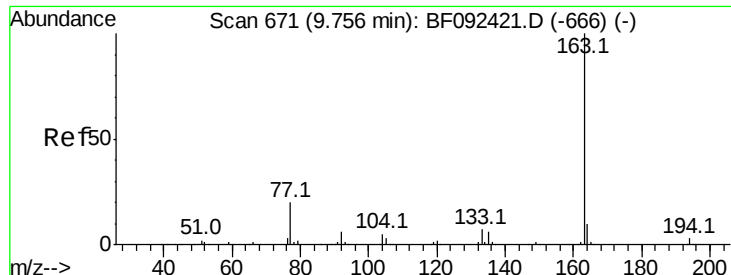
#44
 2-Fluorobiphenyl
 Concen: 87.63 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Tgt Ion:172 Resp: 1511193
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.2 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: 3.68 ng

RT: 9.73 min Scan# 669

Delta R.T. -0.02 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

W-12

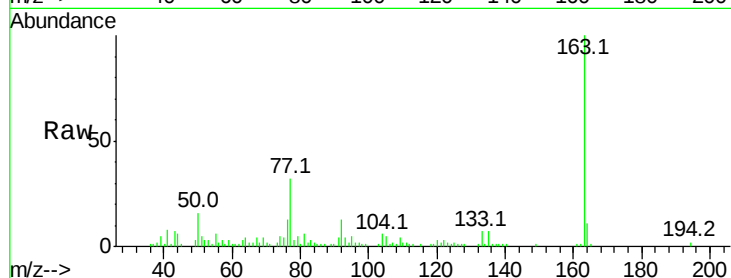
Tot Ion:163 Resp: 74622

Ion Ratio Lower Upper

163 100

194 2.5 3.0 4.4#

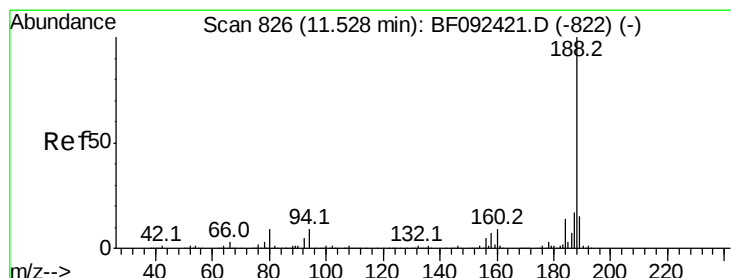
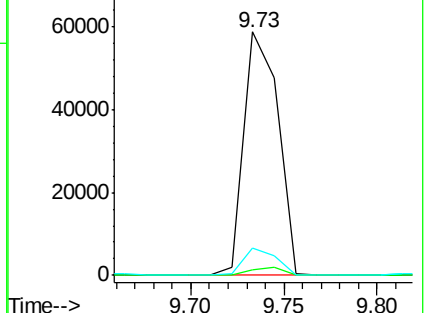
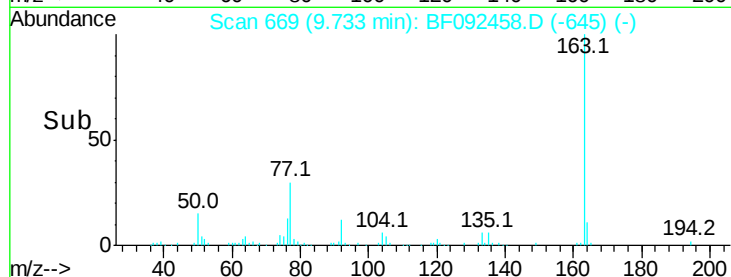
164 11.3 8.0 12.0



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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

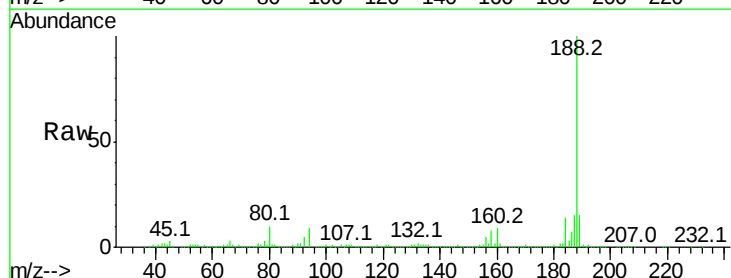
Tgt Ion:188 Resp: 489121

Ion Ratio Lower Upper

188 100

94 9.5 10.0 15.0#

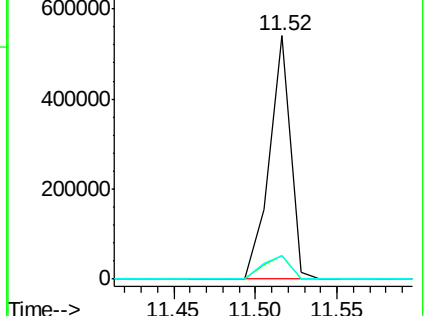
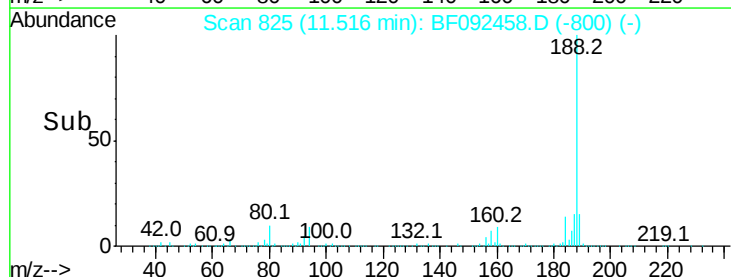
80 9.8 11.2 16.8#

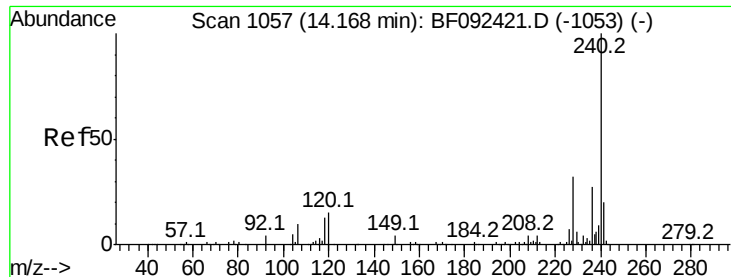


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

Instrument :

BNA_F

ClientSampleId :

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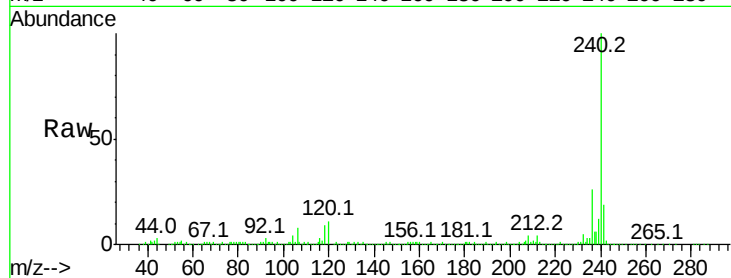
Tot Ion:240 Resp: 320507

Ion Ratio Lower Upper

240 100

120 10.9 12.9 19.3#

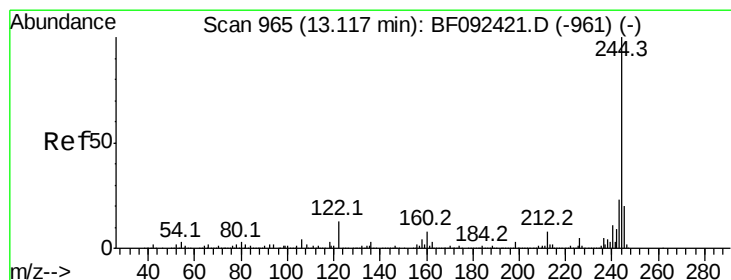
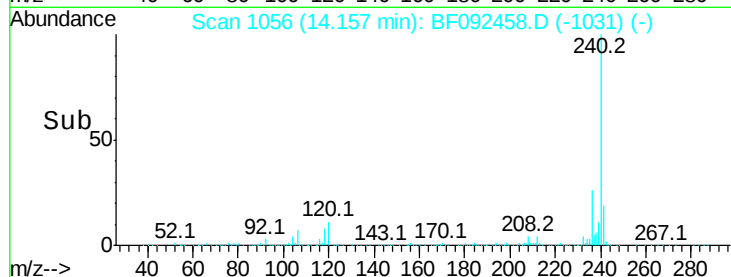
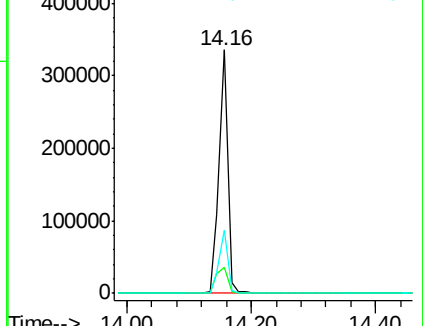
236 25.8 20.9 31.3



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: 82.98 ng

RT: 13.10 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092458.D

Acq: 25 Jan 2017 4:42

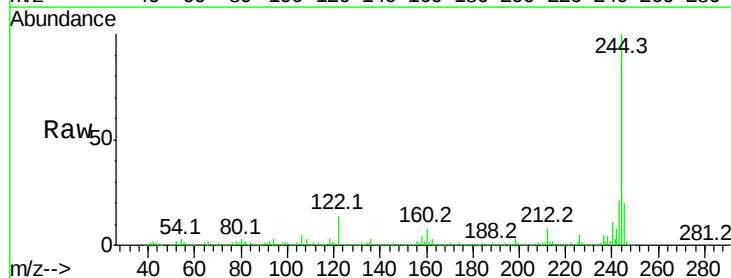
Tgt Ion:244 Resp: 998793

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

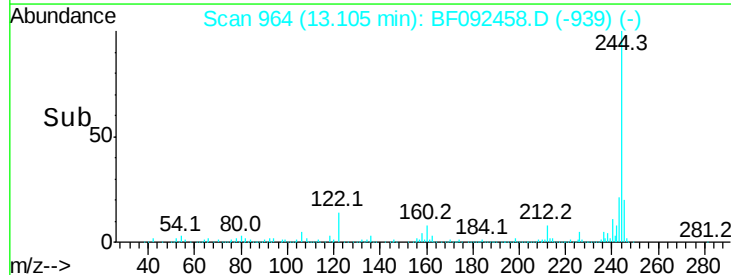
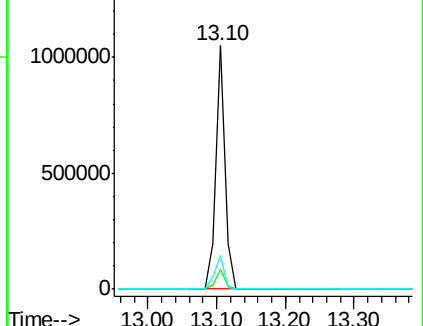
122 13.8 11.4 17.2

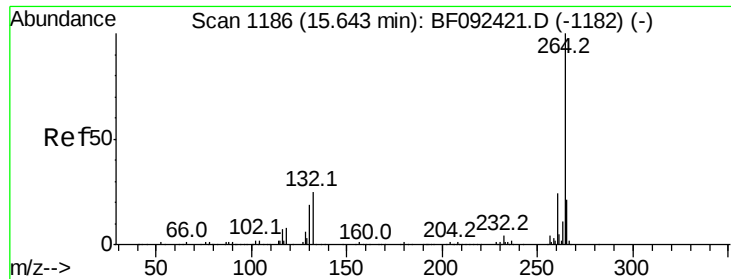


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.63 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF092458.D
 Acq: 25 Jan 2017 4:42

Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.3	17.4	26.0

