

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092803.D
 Acq On : 6 Feb 2017 18:42
 Operator : SJ/MA
 Sample : I1698-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Quant Time: Feb 07 01:33:27 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 01:19:37 2017
 Response via : Initial Calibration

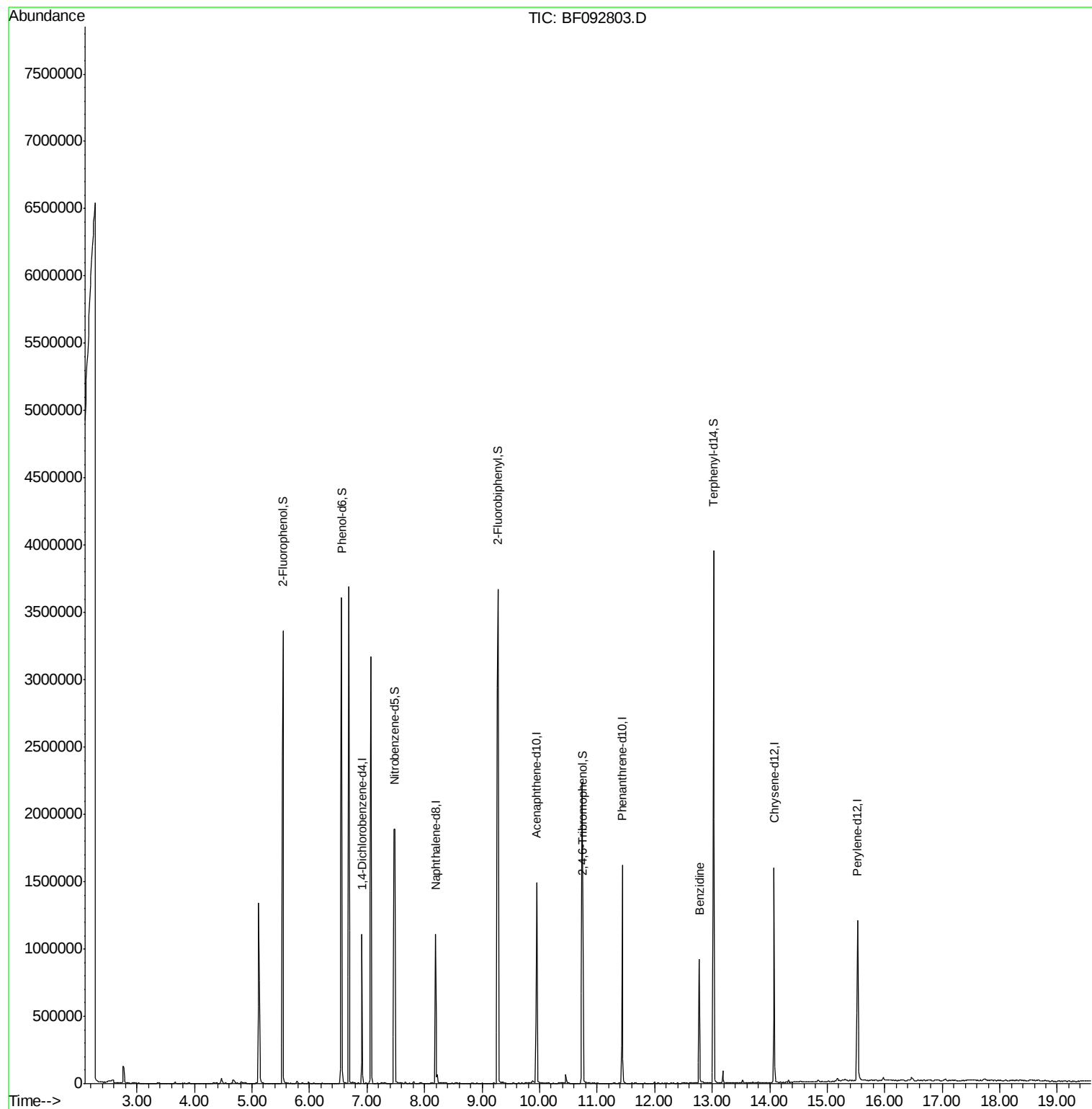
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	155426	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	573910	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	338758	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	586780	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	563953	20.00	ng	-0.01
86) Perylene-d12	15.53	264	525652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1193417	131.73	ng	0.02
7) Phenol-d6	6.56	99	1354561	116.21	ng	0.00
23) Nitrobenzene-d5	7.48	82	972071	94.32	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	379039	154.70	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1692312	90.50	ng	0.00
78) Terphenyl-d14	13.03	244	1696592	70.69	ng	0.00
Target Compounds						
76) Benzidine	12.77	184	393420	16.37	ng	Qvalue 96

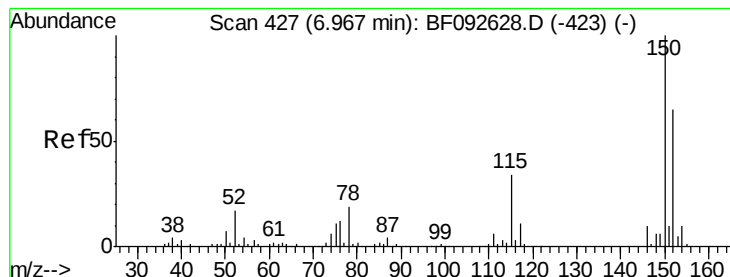
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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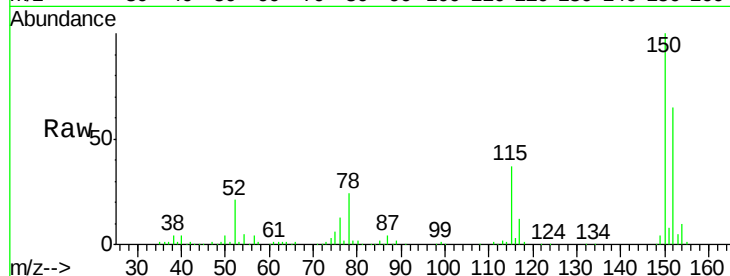


#1

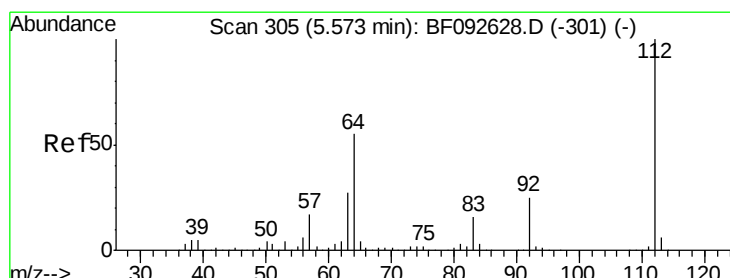
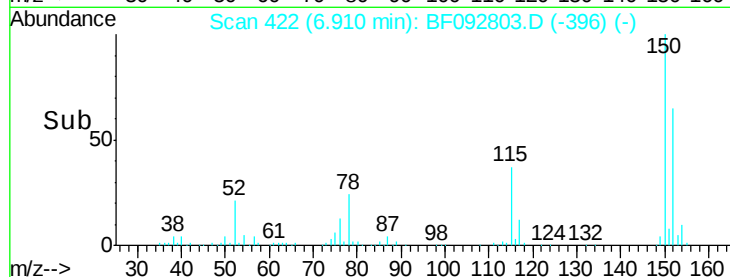
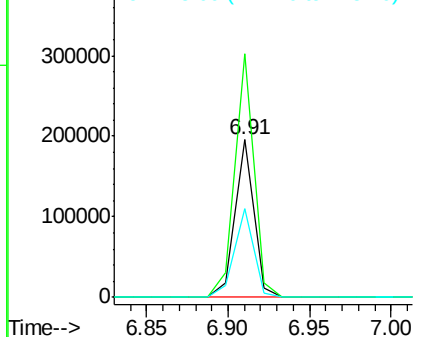
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. 0.00 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Instrument :
BNA_F
ClientSampleId :
WC-B13-B14-001

Tot Ion:152 Resp: 155426
Ion Ratio Lower Upper
152 100
150 154.5 124.9 187.3
115 56.4 46.0 69.0



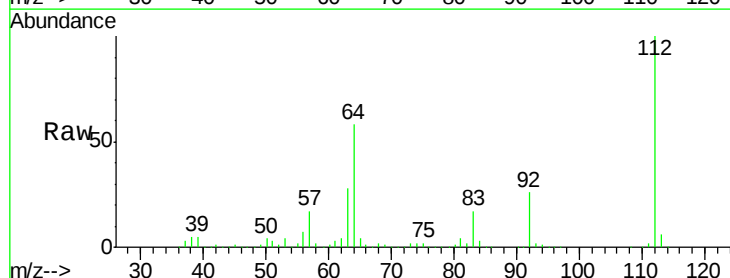
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



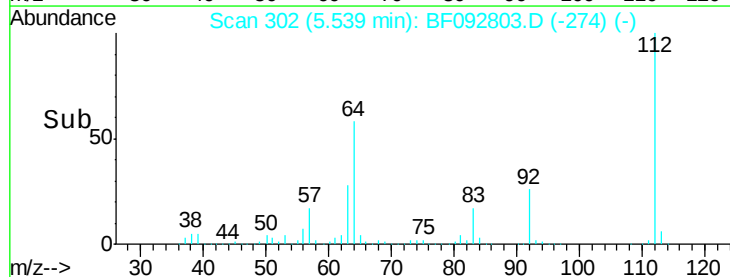
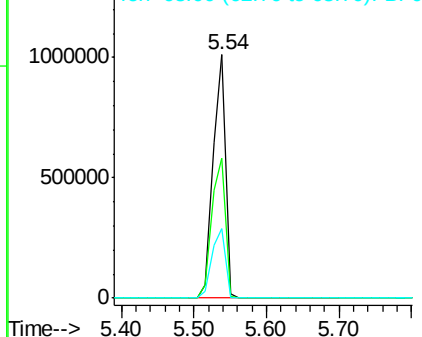
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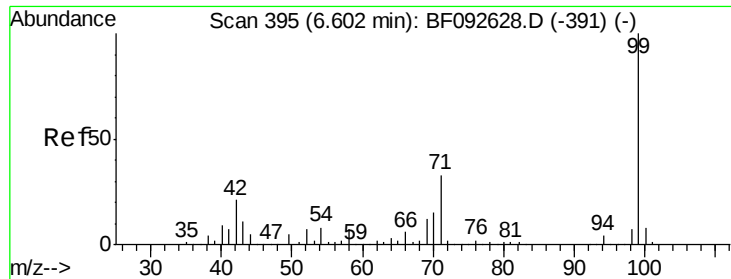
2-Fluorophenol
Concen: 131.73 ng
RT: 5.54 min Scan# 302
Delta R.T. 0.02 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Tgt Ion:112 Resp: 1193417
Ion Ratio Lower Upper
112 100
64 57.7 46.1 69.1
63 28.5 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: 116.21 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Instrument :

BNA_F

ClientSampleId :

WC-B13-B14-001

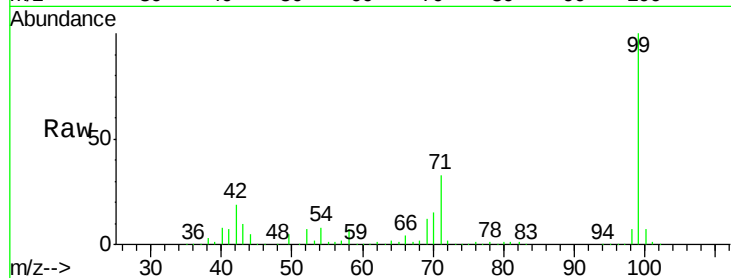
Tot Ion: 99 Resp: 1354561

Ion Ratio Lower Upper

99 100

42 19.2 15.6 23.4

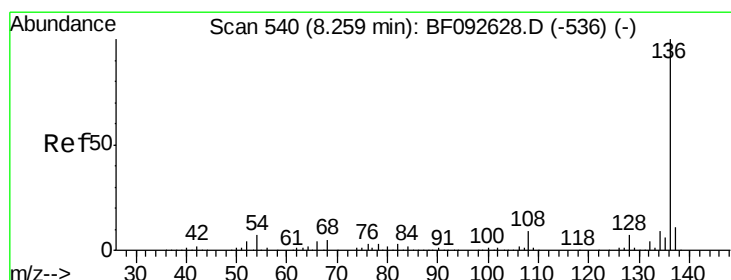
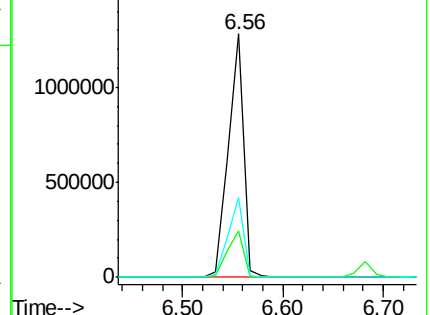
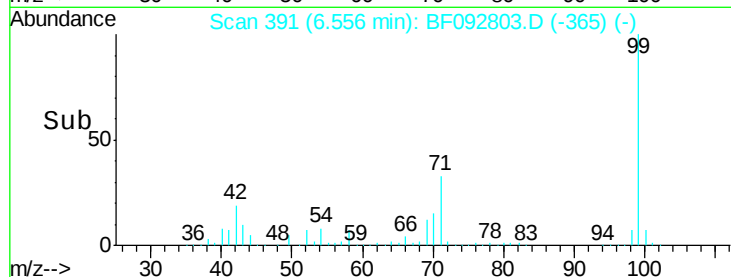
71 32.7 27.5 41.3



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: 8.19 min Scan# 534

Delta R.T. -0.01 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Tgt Ion: 136 Resp: 573910

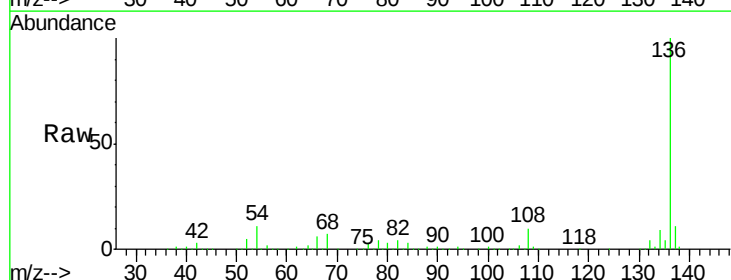
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 11.4 4.5 6.7#

68 7.1 3.6 5.4#

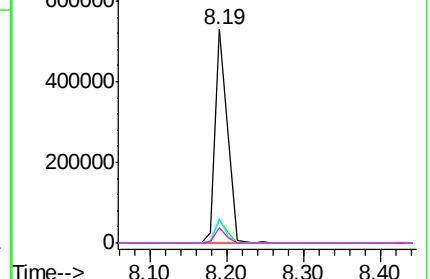
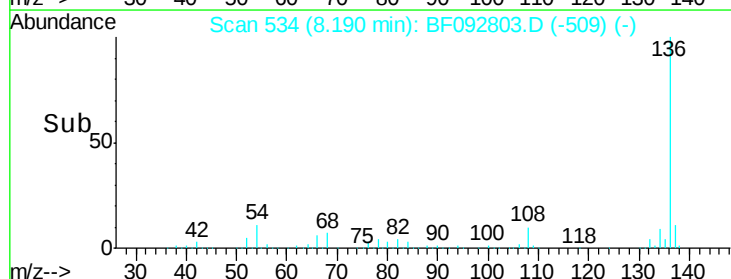


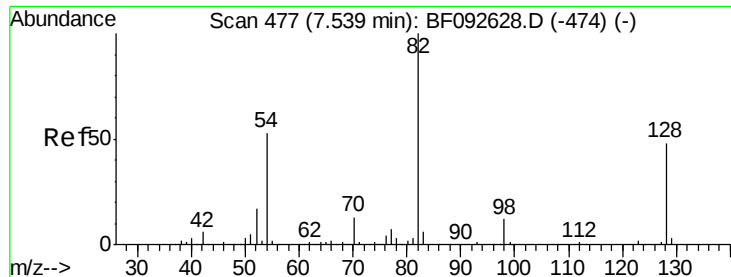
Abundance Ion 136.00 (135.70 to 136.70): E

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

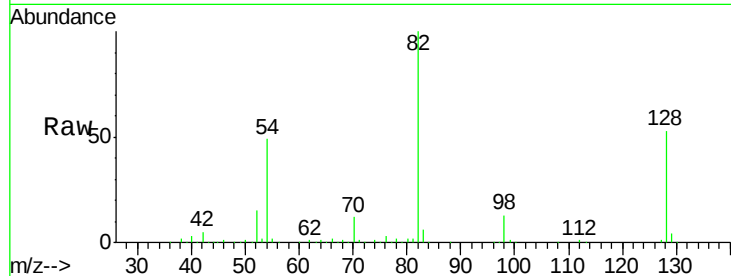




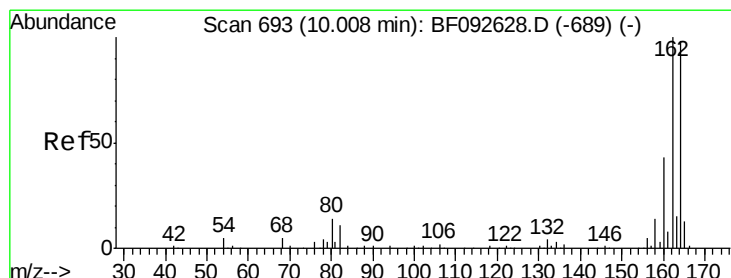
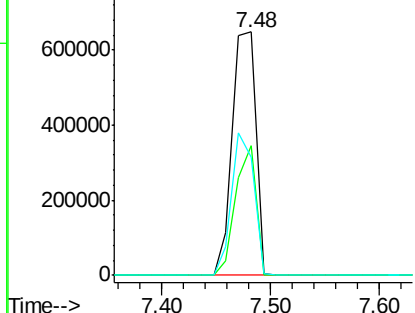
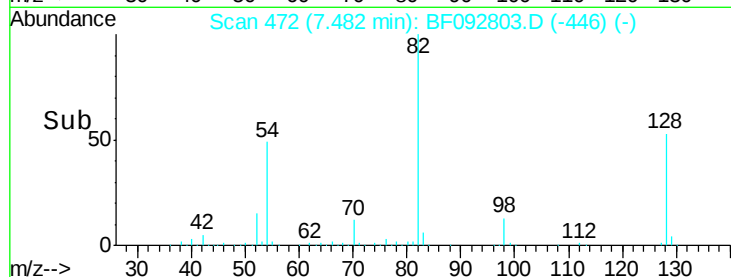
#23
 Nitrobenzene-d5
 Concen: 94.32 ng
 RT: 7.48 min Scan# 472
 Delta R.T. 0.00 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tot Ion: 82 Resp: 972071
 Ion Ratio Lower Upper
 82 100
 128 53.4 34.6 52.0#
 54 48.7 39.5 59.3

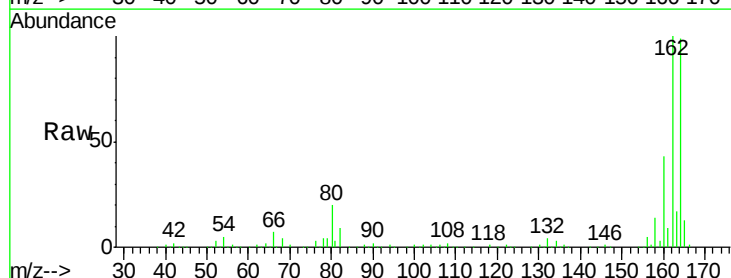


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

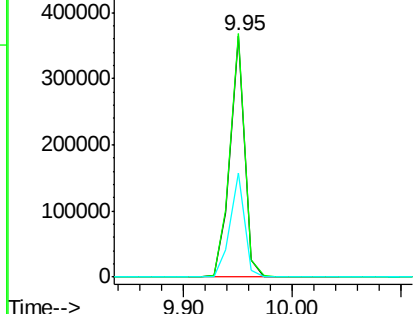
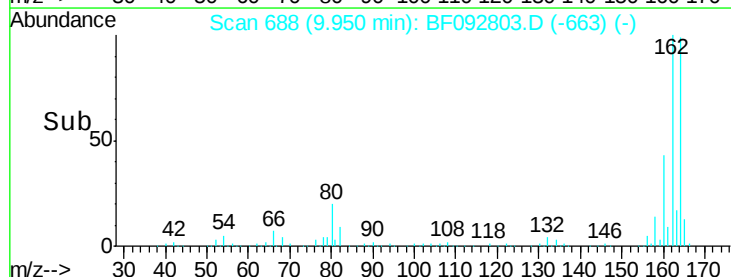


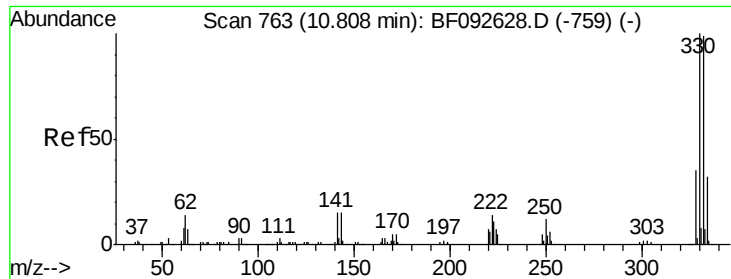
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:164 Resp: 338758
 Ion Ratio Lower Upper
 164 100
 162 100.9 80.2 120.2
 160 43.3 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

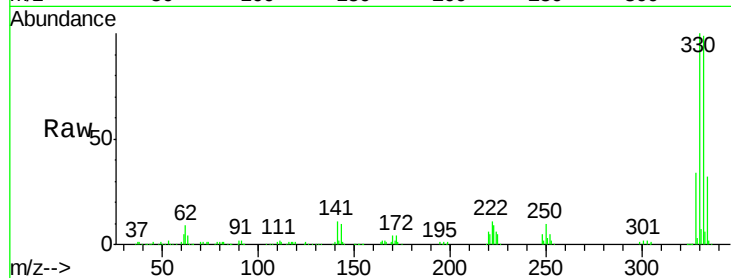




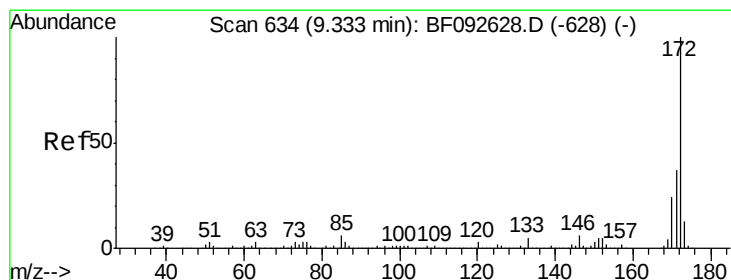
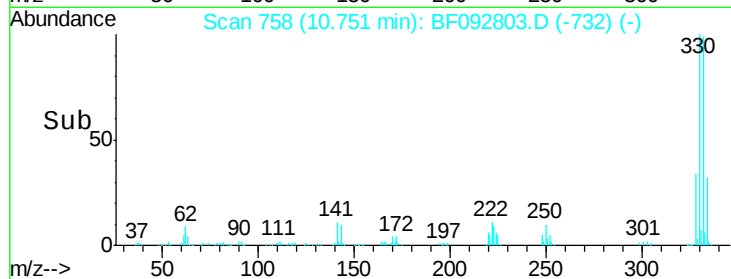
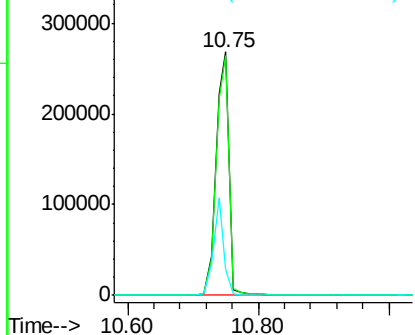
#41
 2,4,6-Tribromophenol
 Concen: 154.70 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tot Ion:330 Resp: 379039
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.4 116.2
 141 32.4 34.1 51.1#

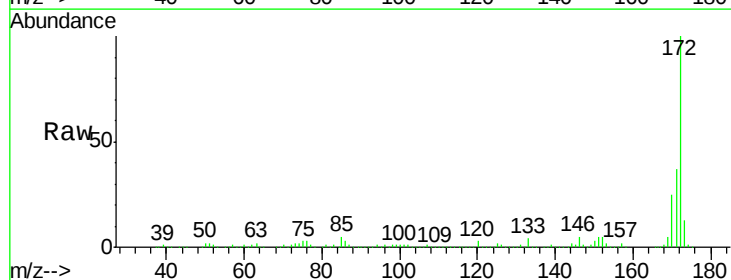


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

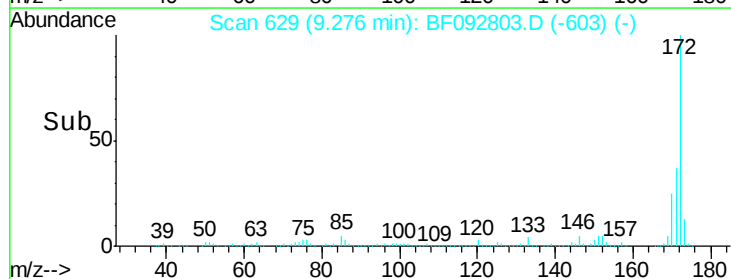
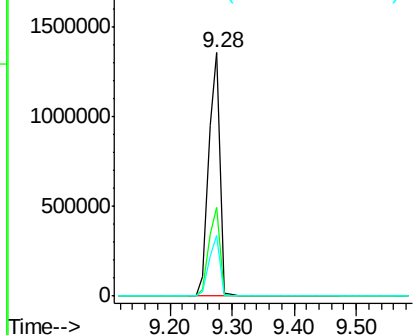


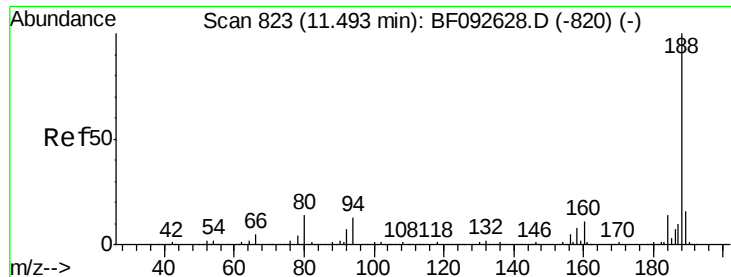
#44
 2-Fluorobiphenyl
 Concen: 90.50 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Tgt Ion:172 Resp: 1692312
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

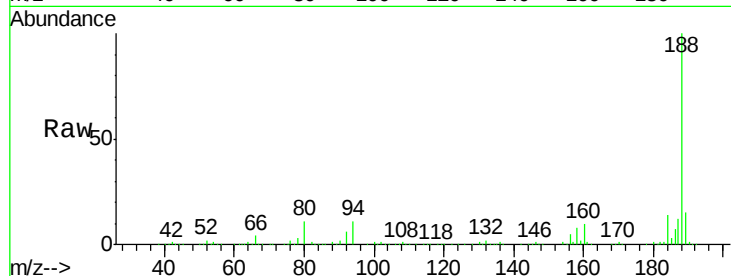




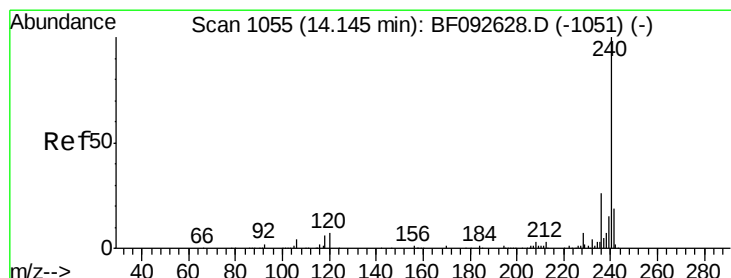
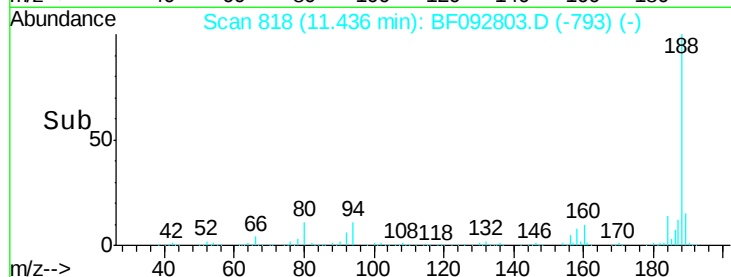
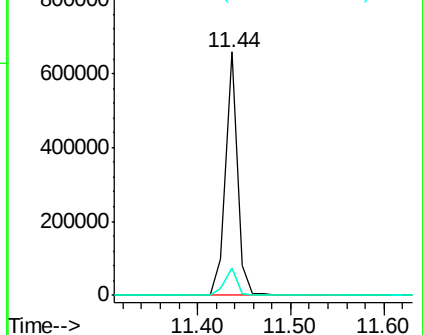
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Instrument :
BNA_F
ClientSampleId :
WC-B13-B14-001

Tot Ion:188 Resp: 586780
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.2 11.2 16.8#

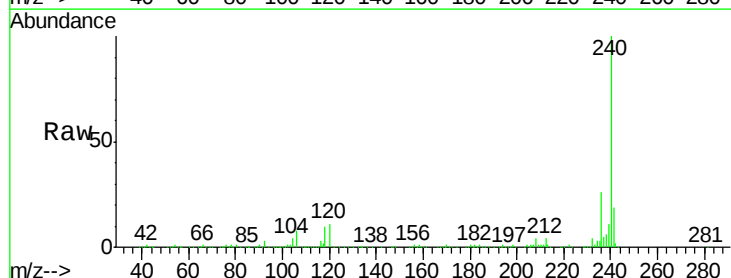


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

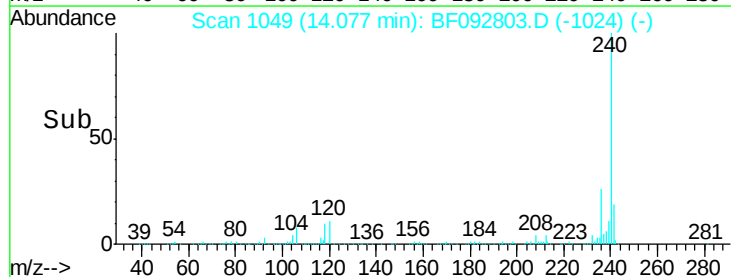
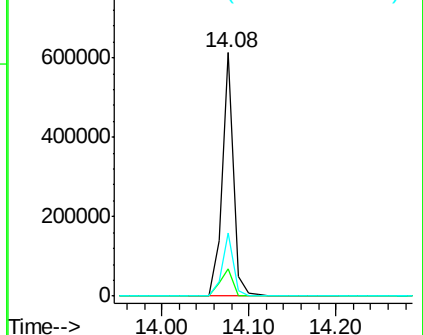


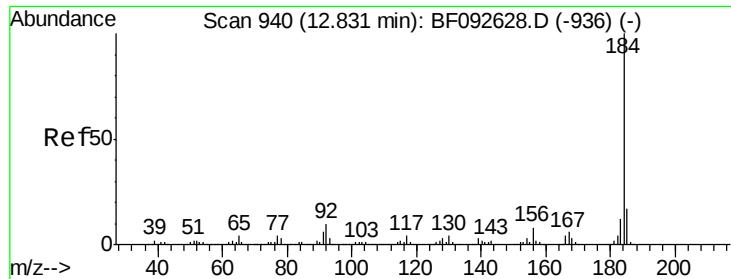
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092803.D
Acq: 6 Feb 2017 18:42

Tgt Ion:240 Resp: 563953
Ion Ratio Lower Upper
240 100
120 11.3 12.9 19.3#
236 25.9 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





#76

Benzidine

Concen: 16.37 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

Instrument :

BNA_F

ClientSampleId :

WC-B13-B14-001

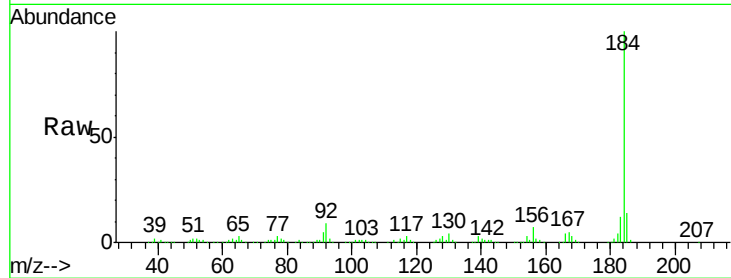
Tot Ion:184 Resp: 393420

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

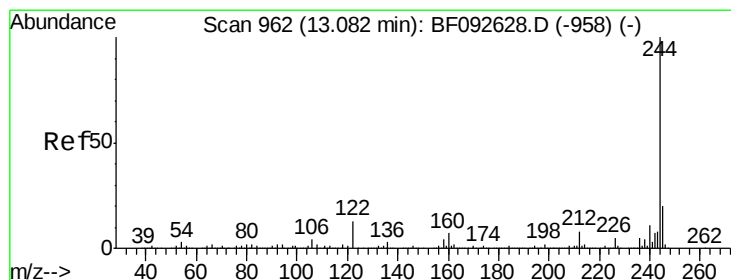
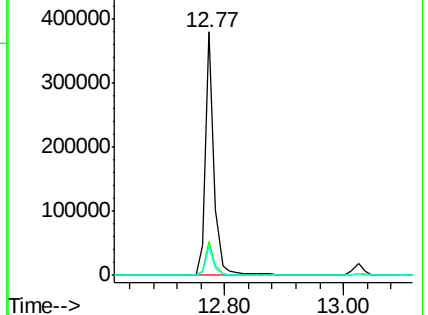
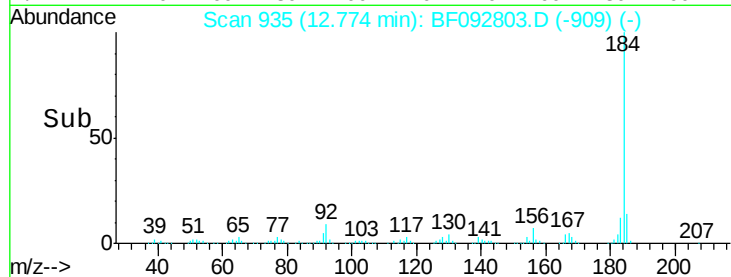
183 11.7 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 70.69 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF092803.D

Acq: 6 Feb 2017 18:42

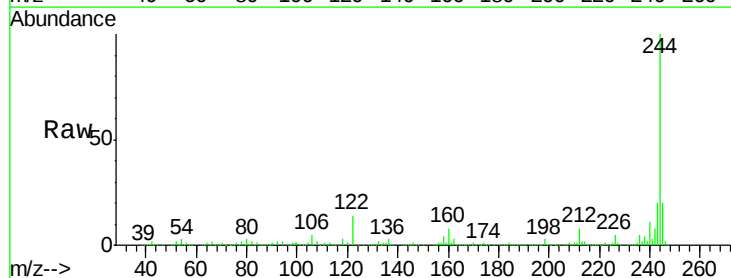
Tgt Ion:244 Resp: 1696592

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

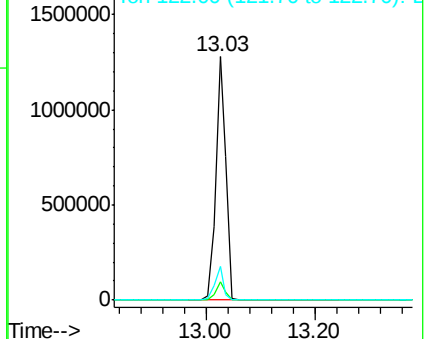
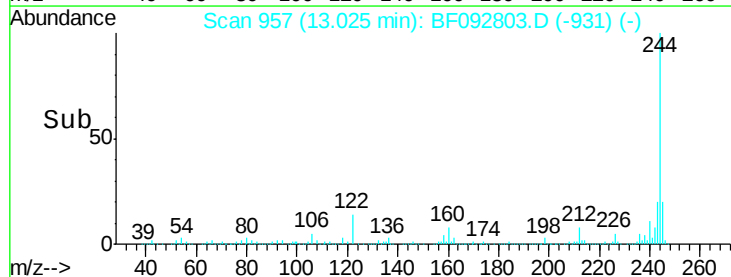
122 13.9 11.4 17.2

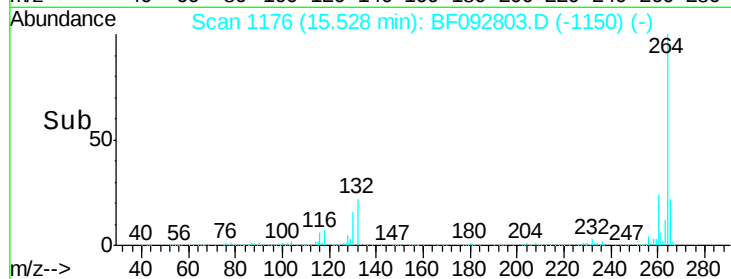
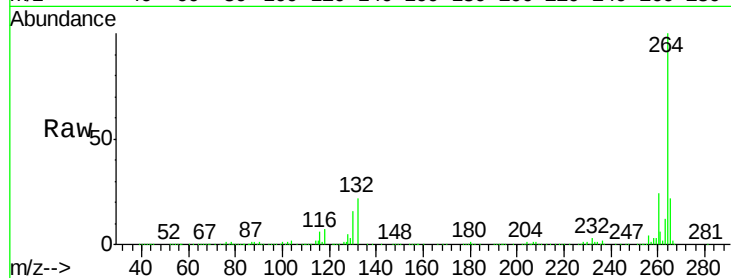
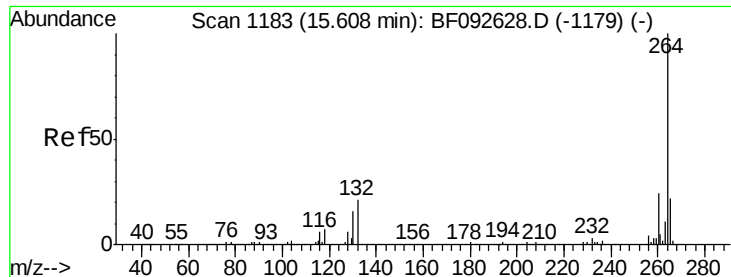


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF092803.D
 Acq: 6 Feb 2017 18:42

Instrument :
 BNA_F
 ClientSampleId :
 WC-B13-B14-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.6	17.4	26.0

