

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020617\
 Data File : BF092802.D
 Acq On : 6 Feb 2017 18:15
 Operator : SJ/MA
 Sample : I1698-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B4-B9-001

Quant Time: Feb 07 01:31:58 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

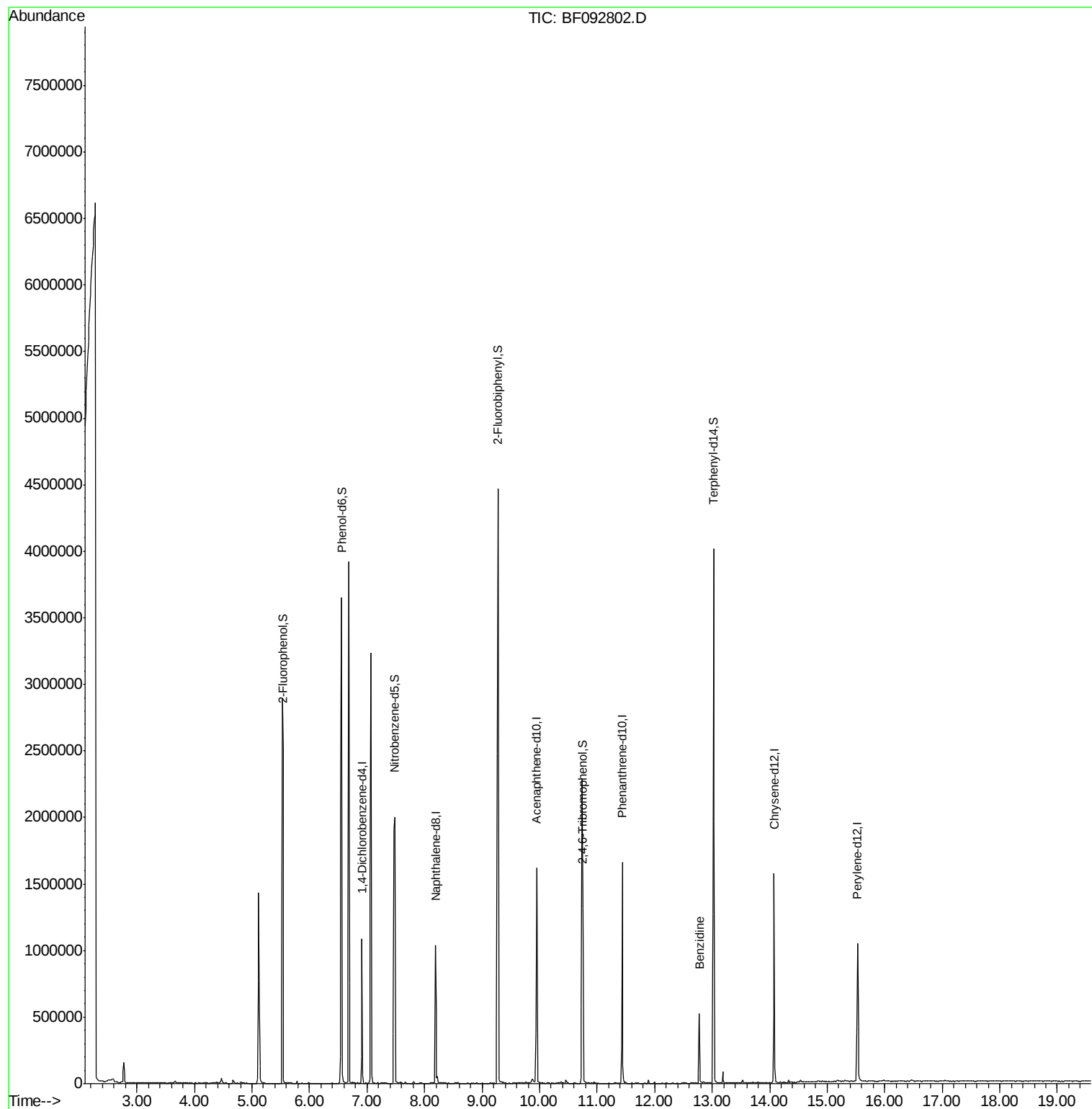
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	155875	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	571146	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	350399	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	580597	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	563288	20.00	ng	-0.01
86) Perylene-d12	15.53	264	476406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1196099	131.65	ng	0.02
7) Phenol-d6	6.56	99	1436353	122.87	ng	0.00
23) Nitrobenzene-d5	7.48	82	1012955	98.76	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	389025	153.50	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	1765874	91.30	ng	0.00
78) Terphenyl-d14	13.03	244	1692915	70.62	ng	0.00
Target Compounds						
76) Benzidine	12.77	184	228096	9.50	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: 6.91 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF092802.D

Acq: 6 Feb 2017 18:15

Instrument :

BNA_F

ClientSampleId :

WC-B4-B9-001

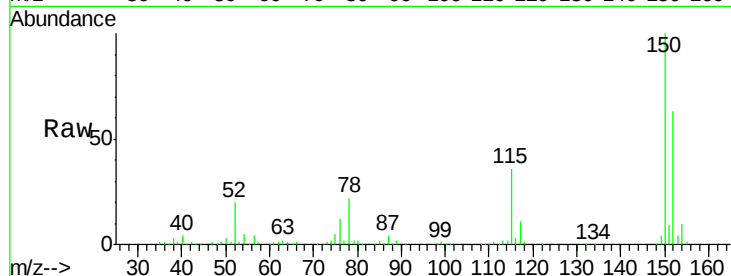
Tot Ion:152 Resp: 155875

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

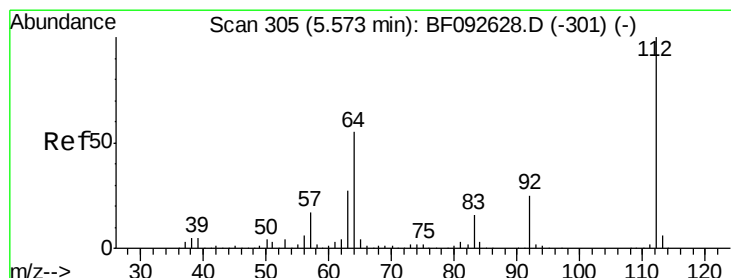
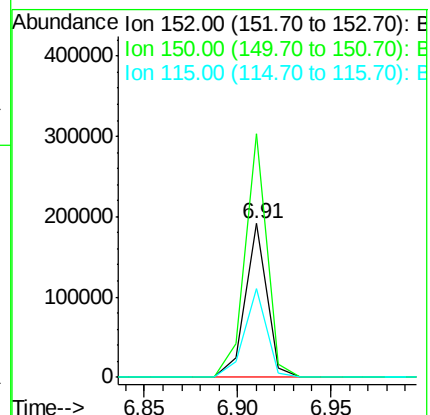
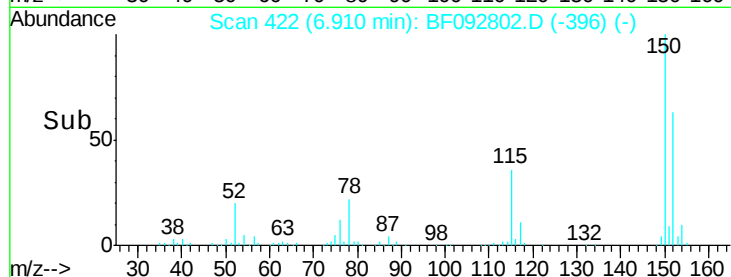
115 57.4 46.0 69.0



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



#5

2-Fluorophenol

Concen: 131.65 ng

RT: 5.54 min Scan# 302

Delta R.T. 0.02 min

Lab File: BF092802.D

Acq: 6 Feb 2017 18:15

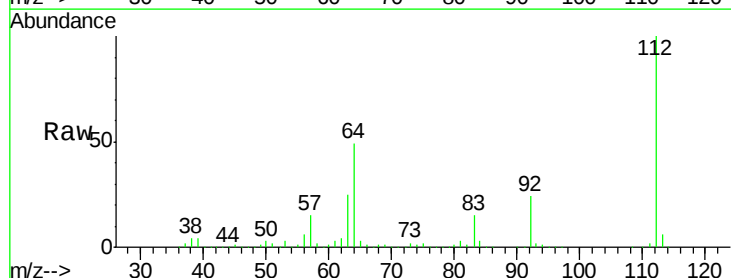
Tgt Ion:112 Resp: 1196099

Ion Ratio Lower Upper

112 100

64 49.5 46.1 69.1

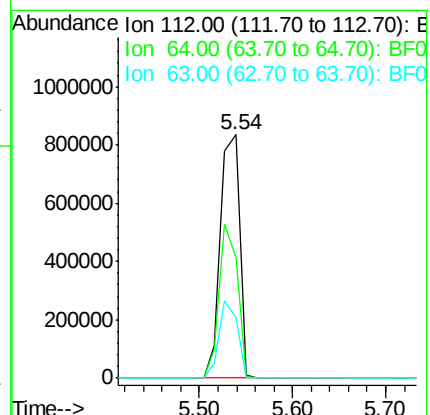
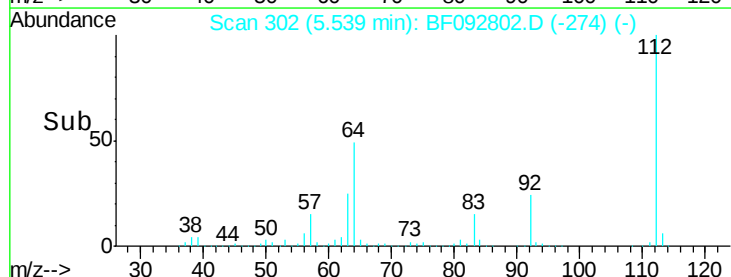
63 24.6 23.8 35.6

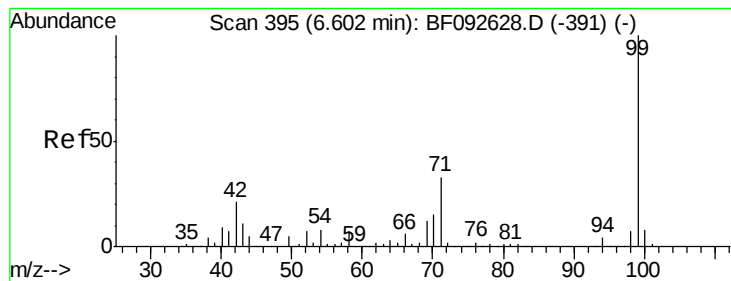


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.87 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF092802.D

Acq: 6 Feb 2017 18:15

Instrument :

BNA_F

ClientSampleId :

WC-B4-B9-001

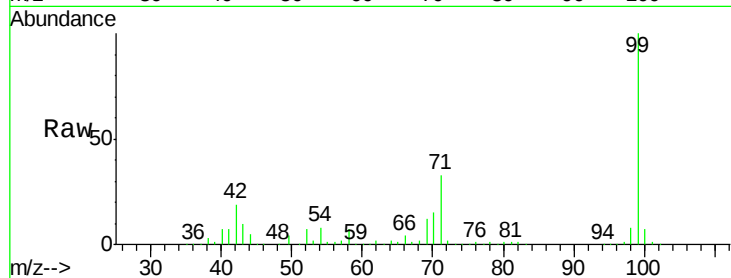
Tot Ion: 99 Resp: 1436353

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

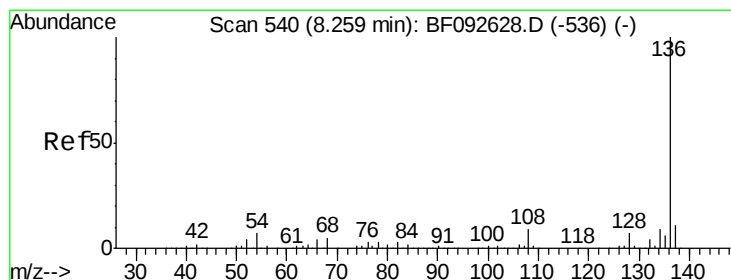
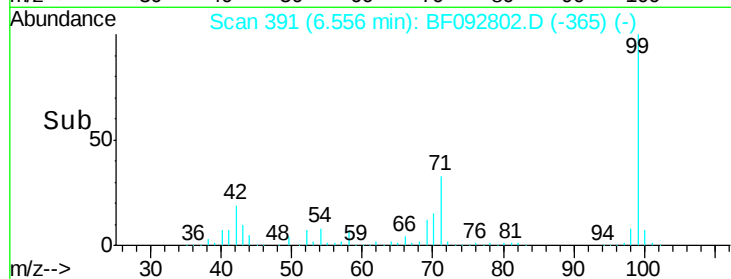
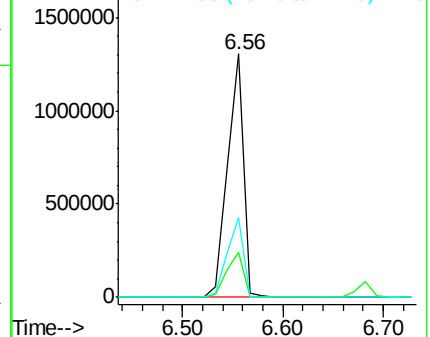
71 32.8 27.5 41.3



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: BF092802.D

Acq: 6 Feb 2017 18:15

Tgt Ion: 136 Resp: 571146

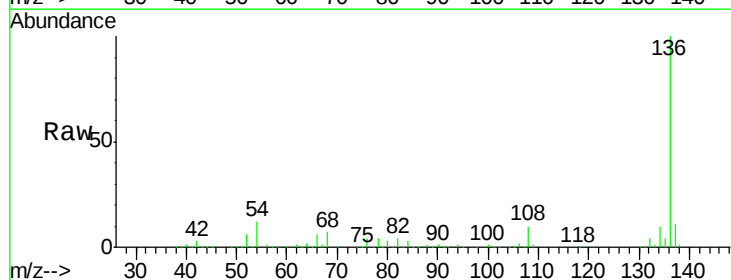
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.0 4.5 6.7#

68 7.4 3.6 5.4#

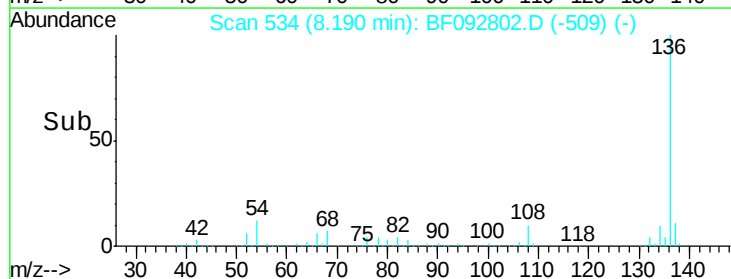
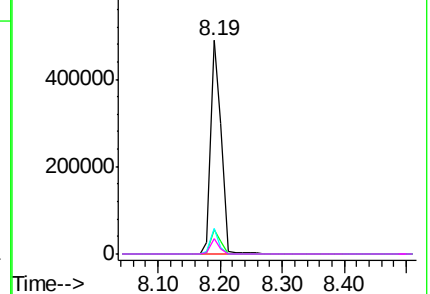


Abundance Ion 136.00 (135.70 to 136.70): E

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

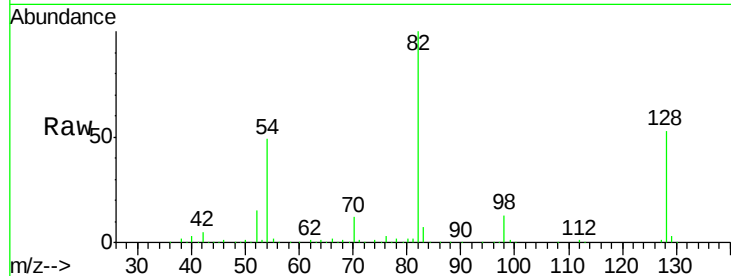




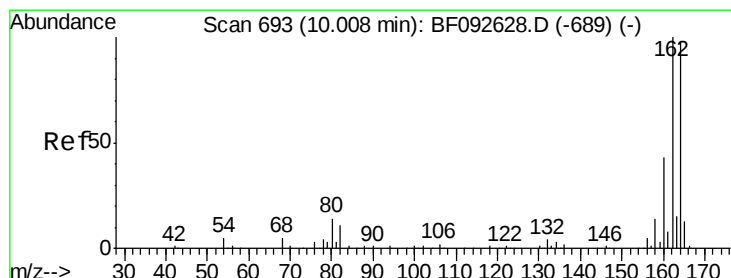
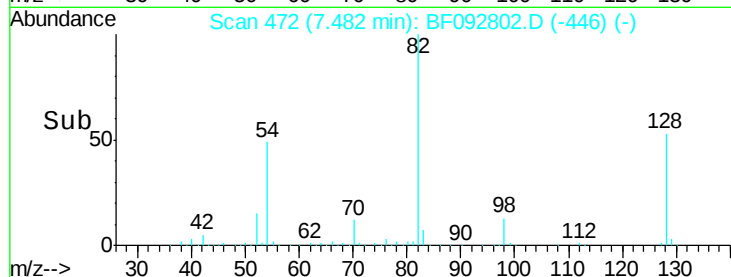
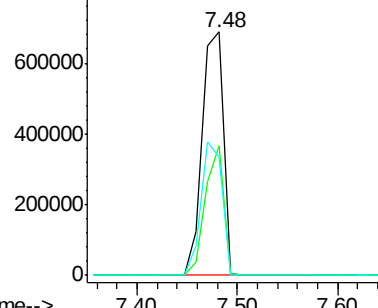
#23
Nitrobenzene-d5
Concen: 98.76 ng
RT: 7.48 min Scan# 472
Delta R.T. 0.00 min
Lab File: BF092802.D
Acq: 6 Feb 2017 18:15

Instrument :
BNA_F
ClientSampleId :
WC-B4-B9-001

Tot Ion: 82 Resp: 1012955
Ion Ratio Lower Upper
82 100
128 53.1 34.6 52.0#
54 48.5 39.5 59.3

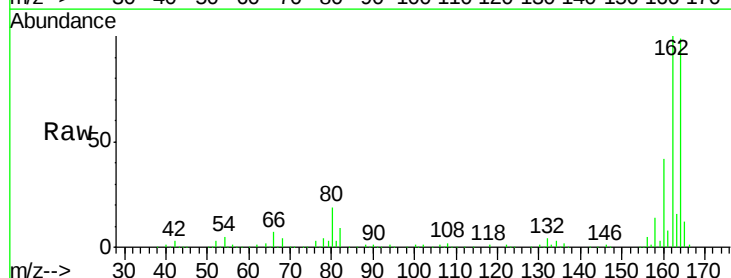


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

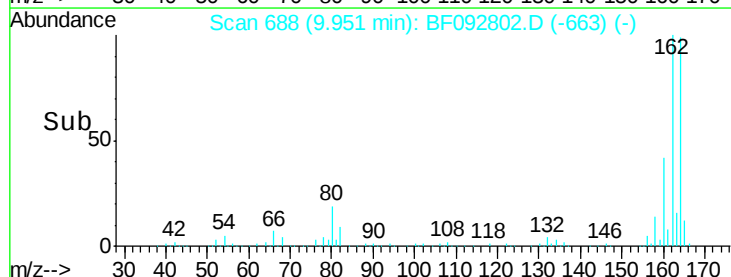
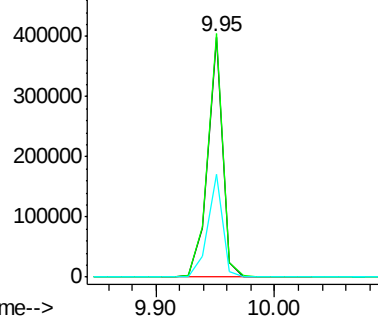


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.01 min
Lab File: BF092802.D
Acq: 6 Feb 2017 18:15

Tgt Ion:164 Resp: 350399
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 43.0 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

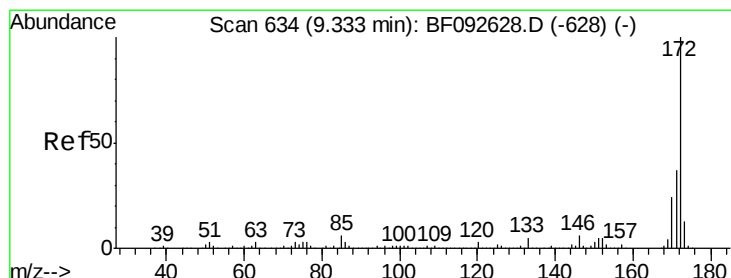
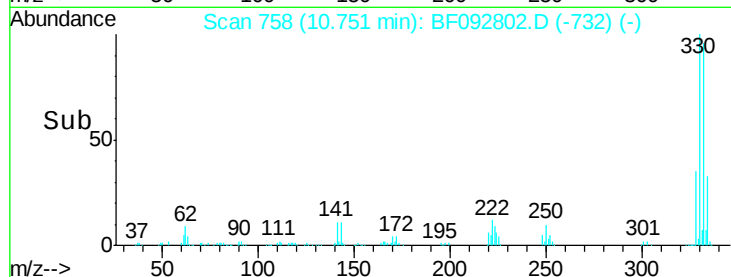
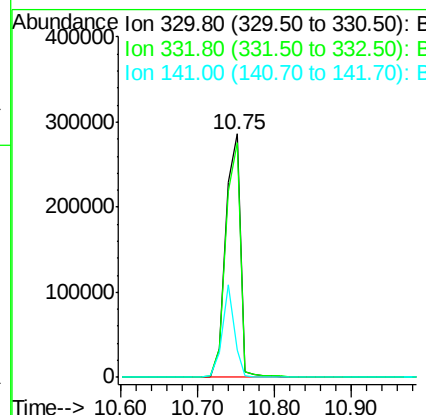
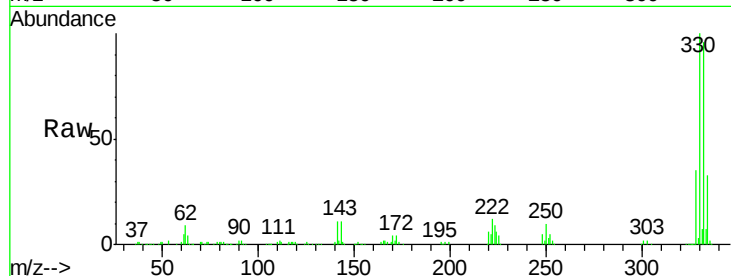




#41
 2,4,6-Tribromophenol
 Concen: 153.50 ng
 RT: 10.75 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF092802.D
 Acq: 6 Feb 2017 18:15

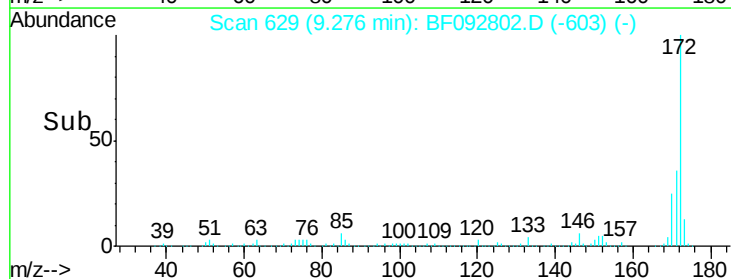
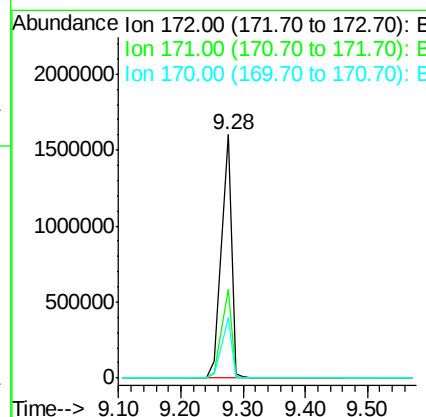
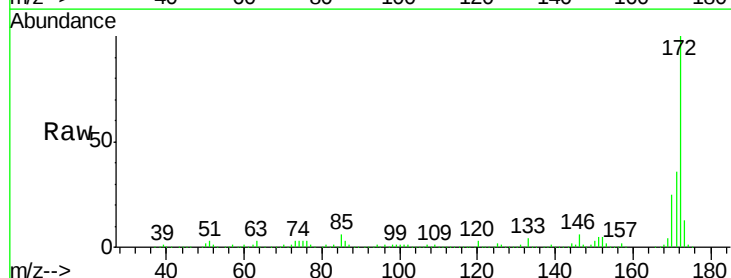
Instrument :
 BNA_F
 ClientSampleId :
 WC-B4-B9-001

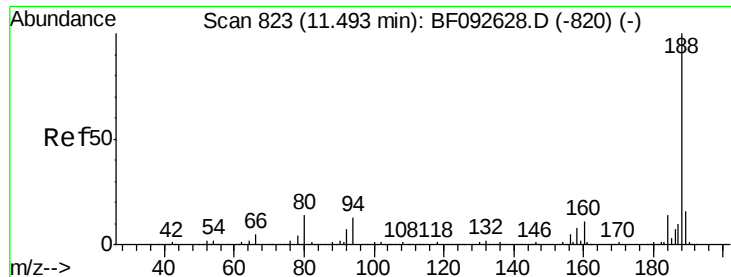
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.4	116.2
141	31.1	34.1	51.1#



#44
 2-Fluorobiphenyl
 Concen: 91.30 ng
 RT: 9.28 min Scan# 629
 Delta R.T. 0.00 min
 Lab File: BF092802.D
 Acq: 6 Feb 2017 18:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.7	20.2	30.4

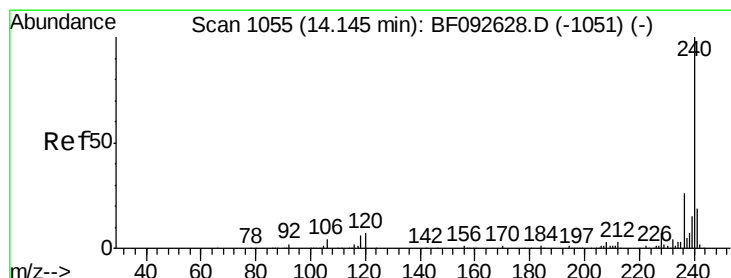
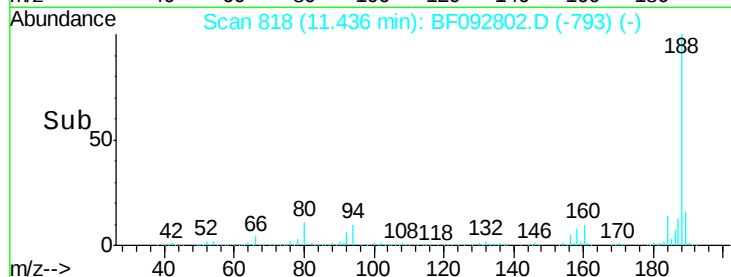
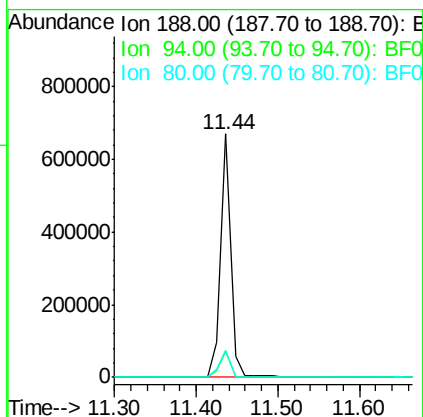
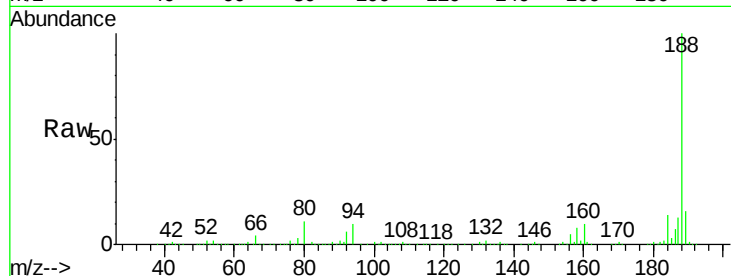




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF092802.D
Acq: 6 Feb 2017 18:15

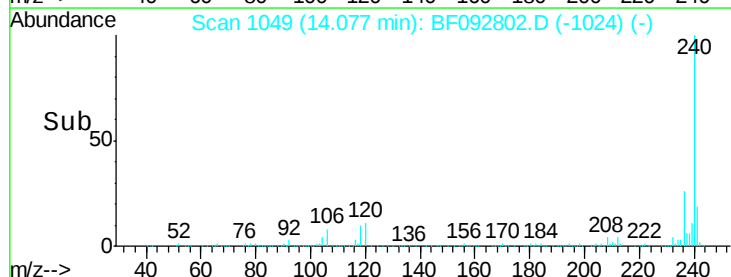
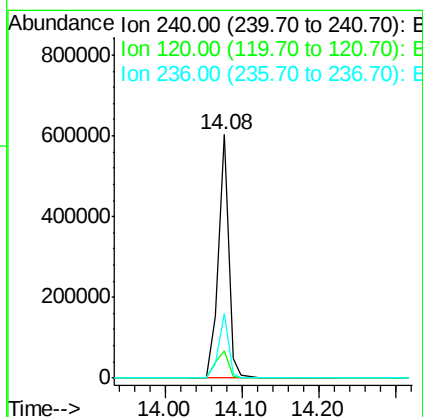
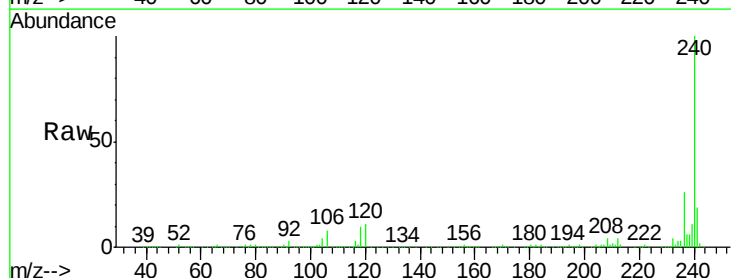
Instrument :
BNA_F
ClientSampleId :
WC-B4-B9-001

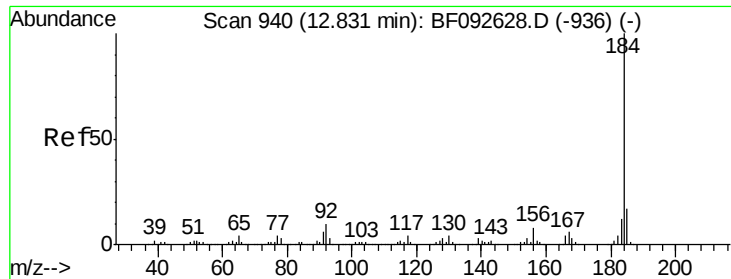
Tot Ion:188 Resp: 580597
Ion Ratio Lower Upper
188 100
94 10.5 10.0 15.0
80 11.0 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF092802.D
Acq: 6 Feb 2017 18:15

Tgt Ion:240 Resp: 563288
Ion Ratio Lower Upper
240 100
120 11.0 12.9 19.3#
236 26.3 20.9 31.3





#76

Benzidine

Concen: 9.50 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF092802.D

Acq: 6 Feb 2017 18:15

Instrument :

BNA_F

ClientSampleId :

WC-B4-B9-001

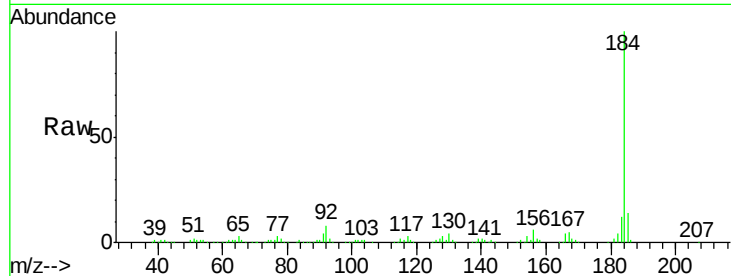
Tot Ion:184 Resp: 228096

Ion Ratio Lower Upper

184 100

185 14.4 13.4 20.0

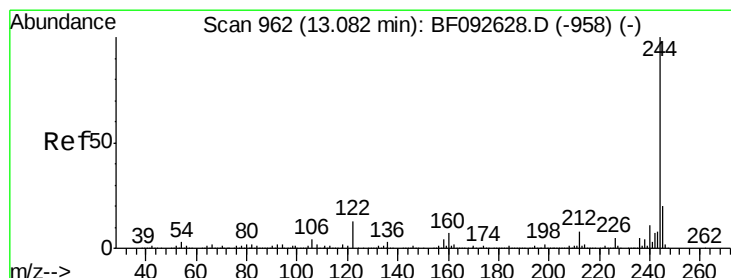
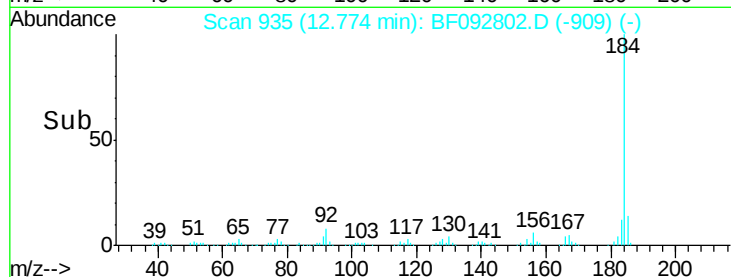
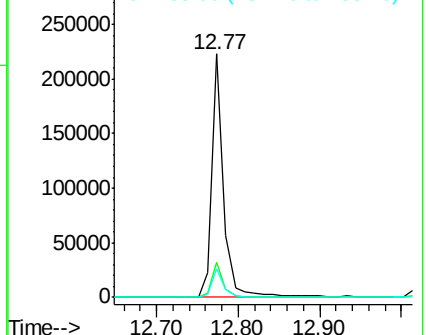
183 11.6 9.2 13.8



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: 70.62 ng

RT: 13.03 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF092802.D

Acq: 6 Feb 2017 18:15

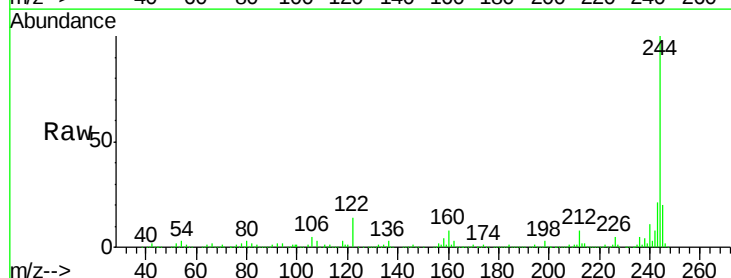
Tgt Ion:244 Resp: 1692915

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

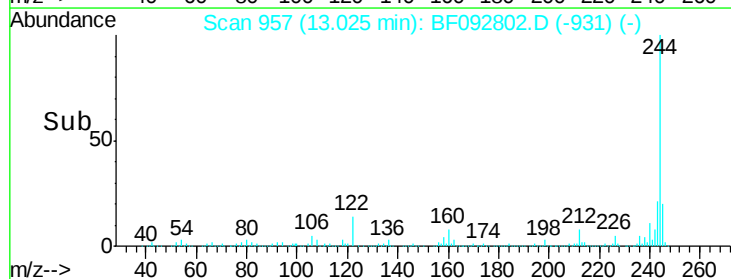
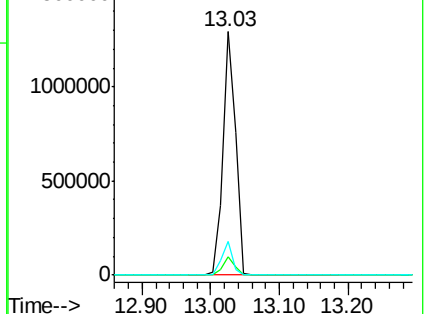
122 13.8 11.4 17.2

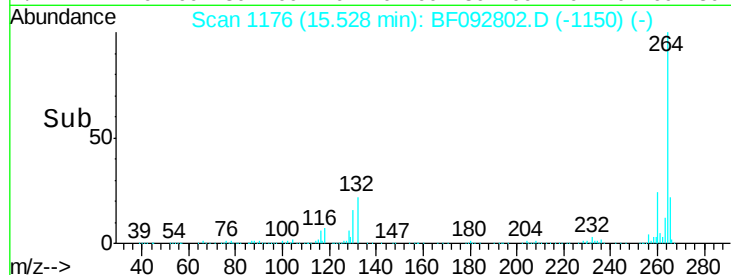
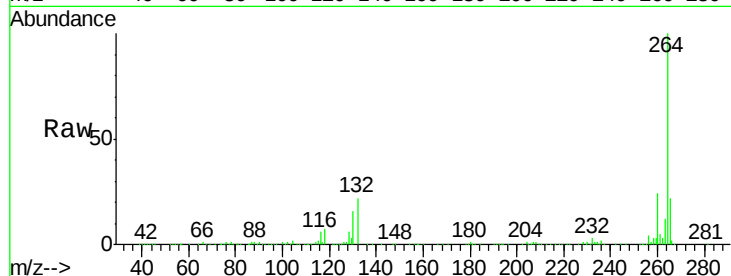
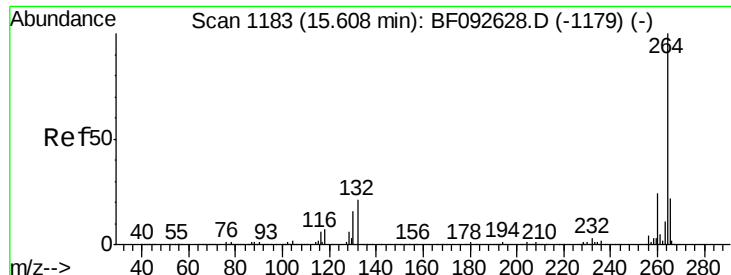


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.53 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF092802.D
Acq: 6 Feb 2017 18:15

Instrument :
BNA_F
ClientSampleId :
WC-B4-B9-001

Tot Ion:	264	Resp:	476406
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.2	28.8
265	21.6	17.4	26.0

