

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111414\
 Data File : BF075592.D
 Acq On : 16 Nov 2014 21:08
 Operator : TP / JJ
 Sample : F4694-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Quant Time: Nov 17 07:22:35 2014
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 17 05:54:27 2014
 Response via : Initial Calibration

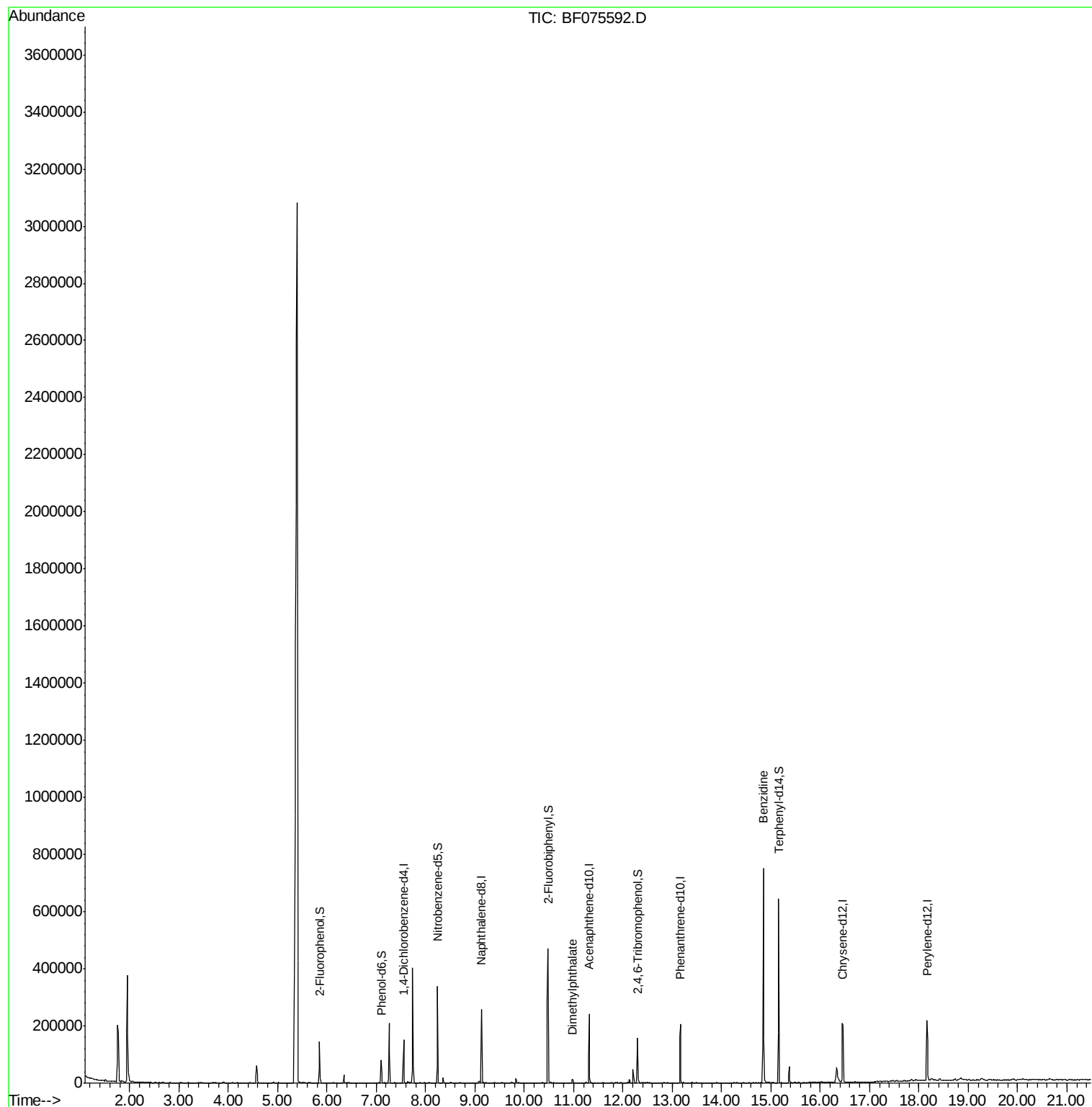
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	27401	20.00	ng	0.00
21) Naphthalene-d8	9.13	136	119486	20.00	ng	0.00
38) Acenaphthene-d10	11.32	164	62217	20.00	ng	0.00
63) Phenanthrene-d10	13.17	188	105896	20.00	ng	0.00
75) Chrysene-d12	16.46	240	117757	20.00	ng	-0.01
86) Perylene-d12	18.16	264	112277	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	43701	28.18	ng	0.00
7) Phenol-d6	7.10	99	28499	15.28	ng	-0.01
23) Nitrobenzene-d5	8.24	82	94478	57.97	ng	0.00
41) 2,4,6-Tribromophenol	12.30	330	26618	51.08	ng	0.00
44) 2-Fluorobiphenyl	10.48	172	197685	57.41	ng	0.00
78) Terphenyl-d14	15.16	244	219539	50.19	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.98	163	9095	2.14	ng	Qvalue # 96
76) Benzidine	14.85	184	296874	79.28	ng	98

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

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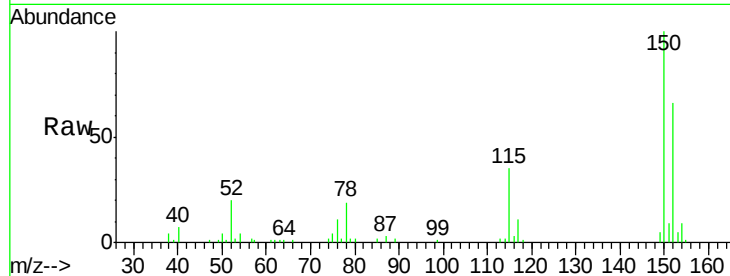




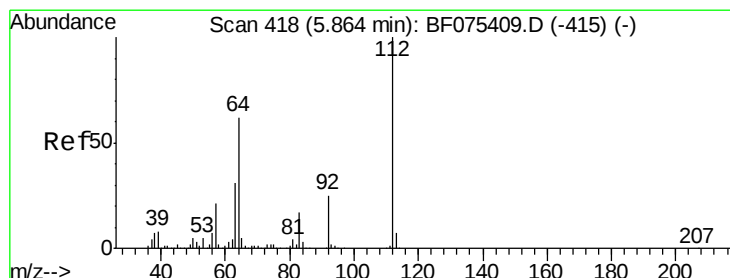
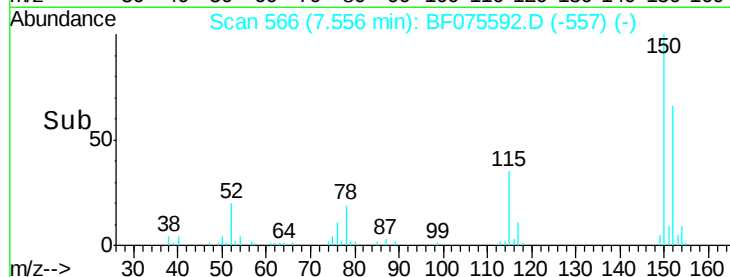
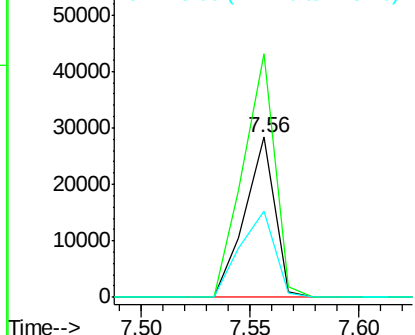
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.56 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Tot Ion:152 Resp: 27401
 Ion Ratio Lower Upper
 152 100
 150 152.3 127.2 190.8
 115 53.6 57.1 85.7#

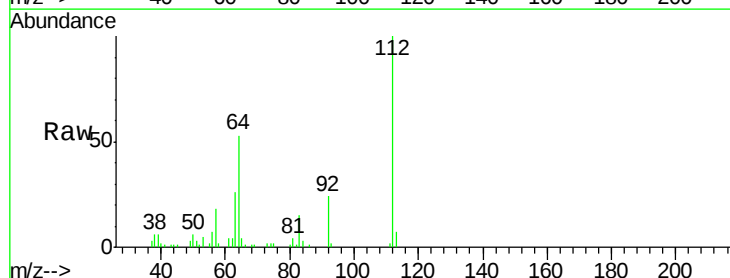


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

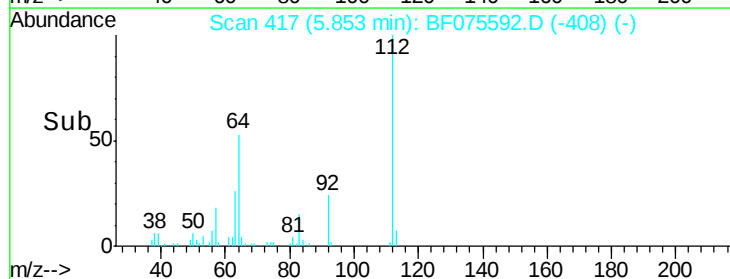
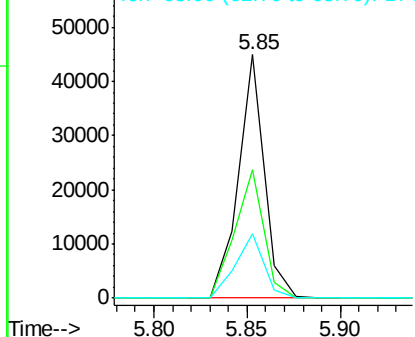


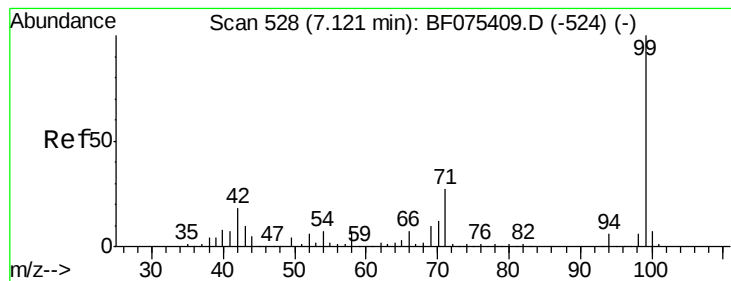
#5
 2-Fluorophenol
 Concen: 28.18 ng
 RT: 5.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion:112 Resp: 43701
 Ion Ratio Lower Upper
 112 100
 64 52.8 45.8 68.6
 63 26.3 22.7 34.1



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: 15.28 ng

RT: 7.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Instrument :

BNA_F

ClientSampleId :

DS-TEMPWELL

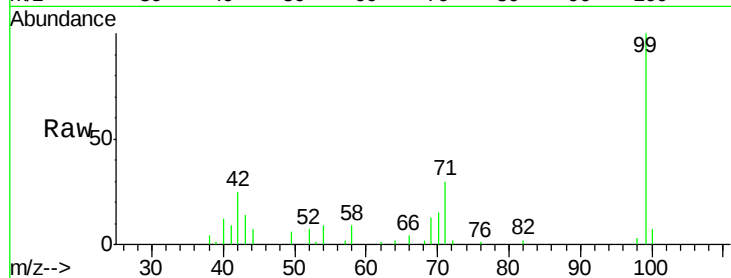
Tot Ion: 99 Resp: 28499

Ion Ratio Lower Upper

99 100

42 24.9 19.8 29.6

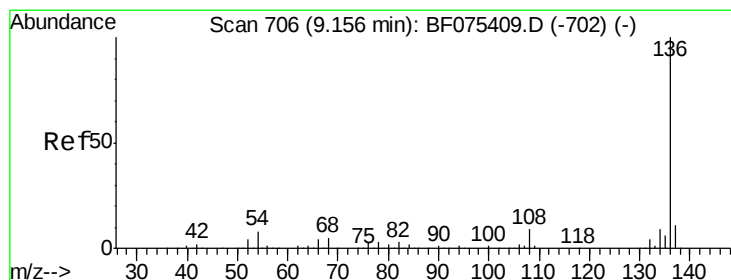
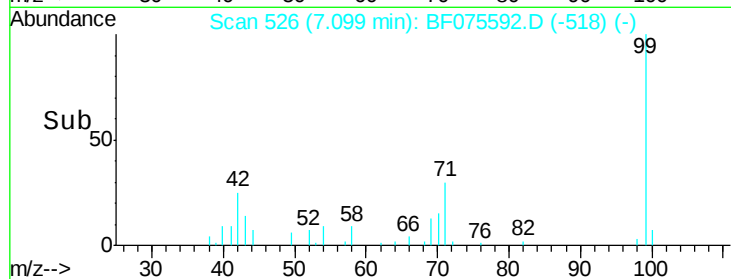
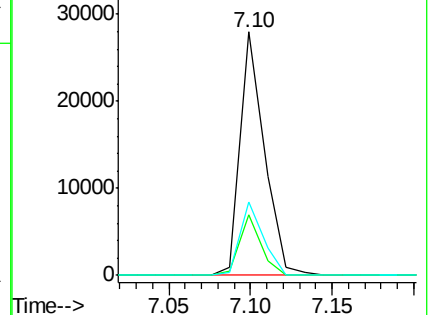
71 30.3 25.5 38.3



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: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Tgt Ion:136 Resp: 119486

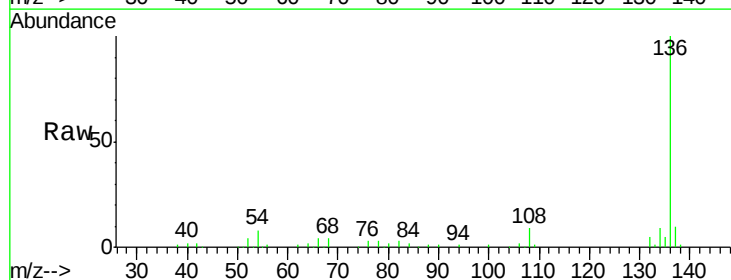
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.4

54 8.3 6.2 9.4

68 3.8 3.4 5.2

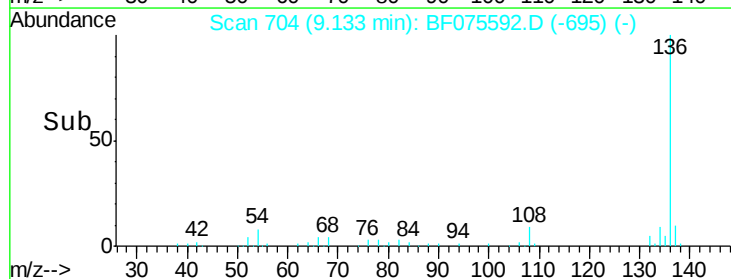
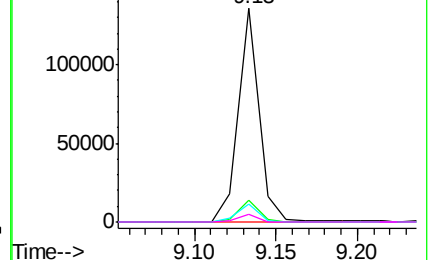


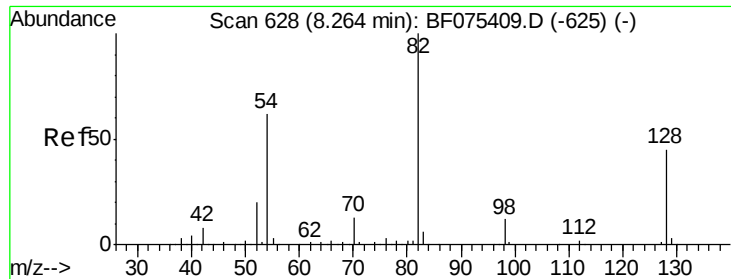
Abundance Ion 136.00 (135.70 to 136.70): E

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

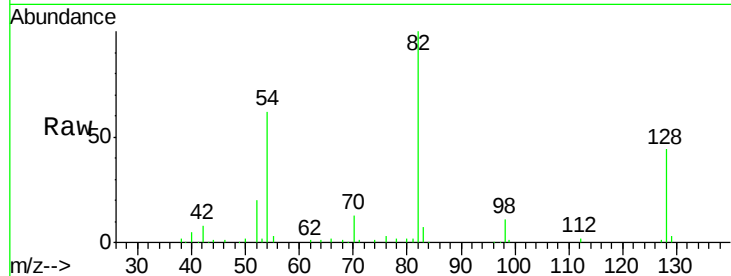




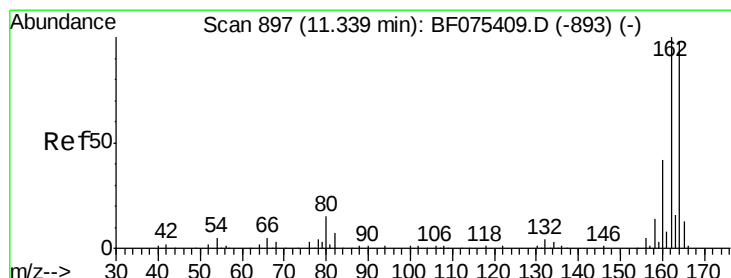
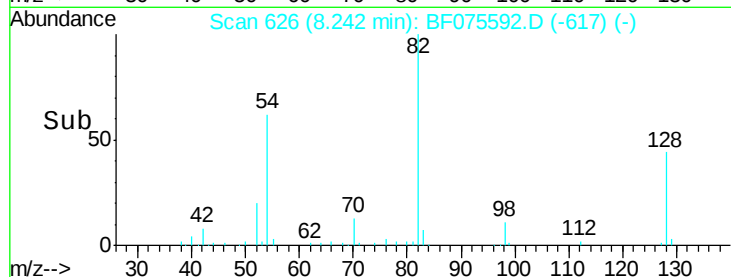
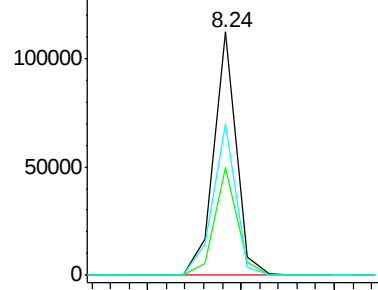
#23
 Nitrobenzene-d5
 Concen: 57.97 ng
 RT: 8.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Tot Ion: 82 Resp: 94478
 Ion Ratio Lower Upper
 82 100
 128 44.3 37.8 56.6
 54 62.3 49.8 74.8

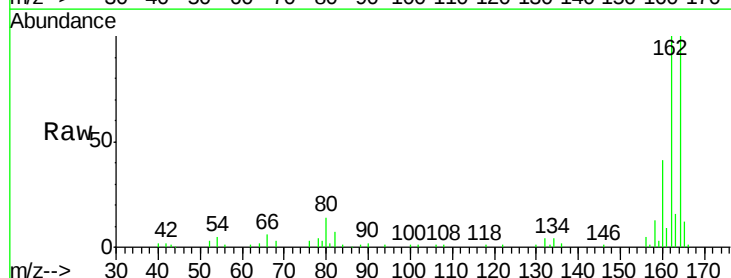


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

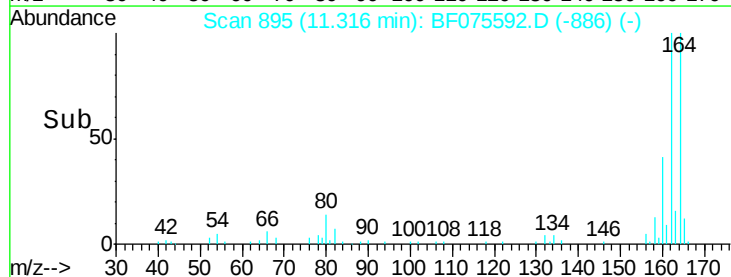
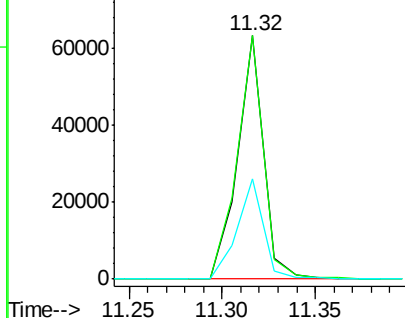


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion: 164 Resp: 62217
 Ion Ratio Lower Upper
 164 100
 162 99.8 79.1 118.7
 160 41.2 34.6 51.8



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

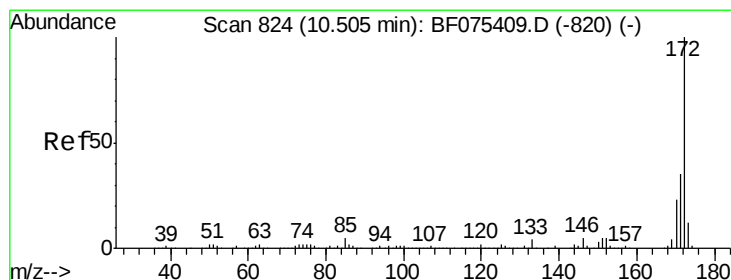
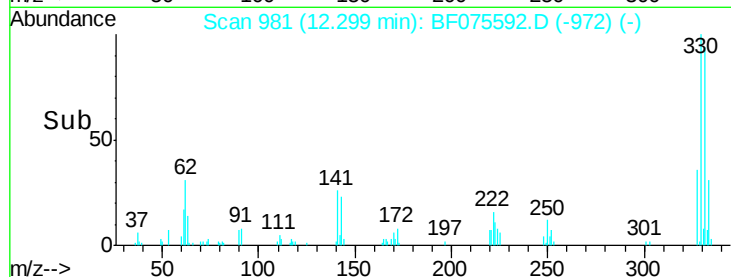
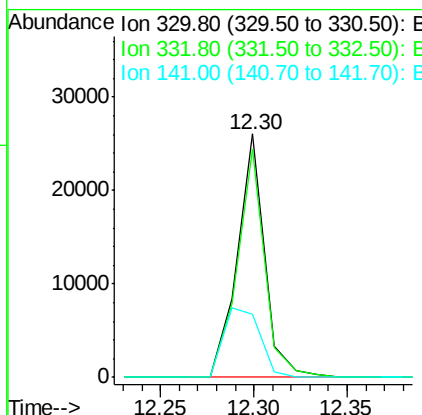
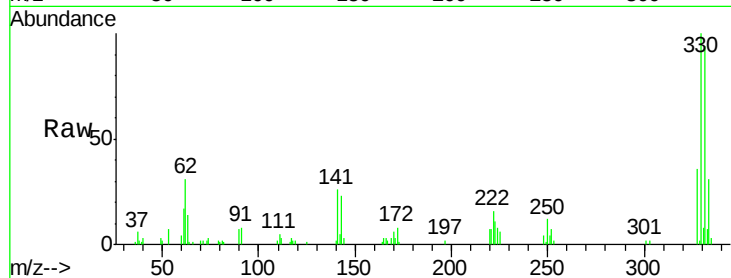




#41
 2,4,6-Tribromophenol
 Concen: 51.08 ng
 RT: 12.30 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

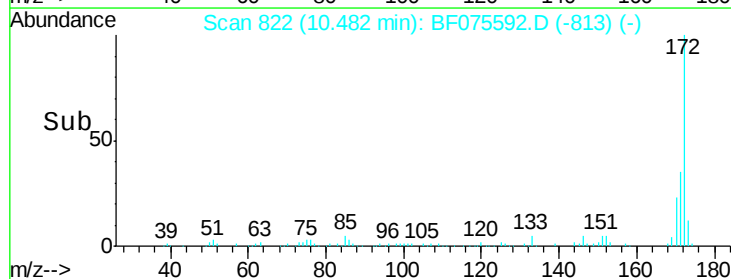
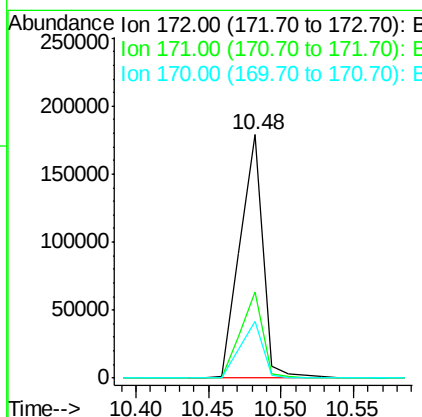
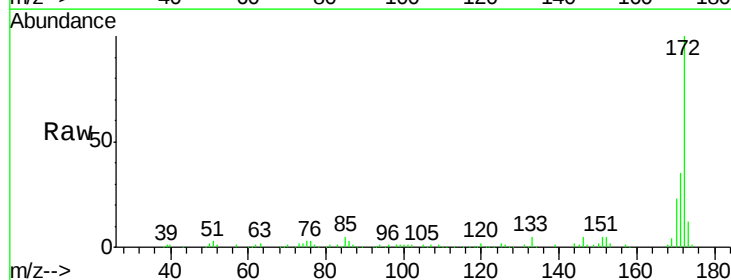
Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

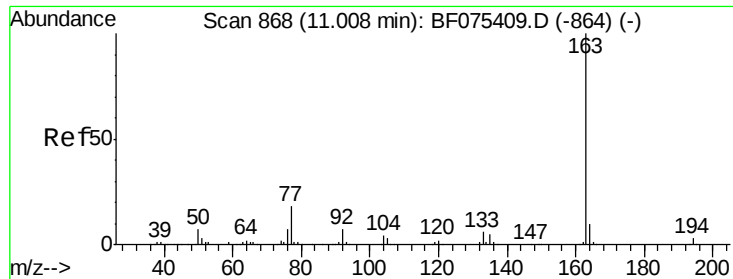
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	74.5	111.7
141	38.2	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 57.41 ng
 RT: 10.48 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.2	18.4	27.6

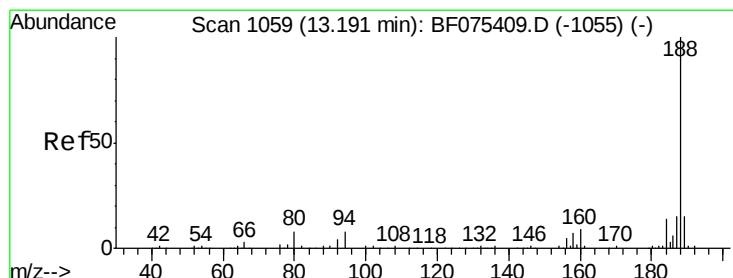
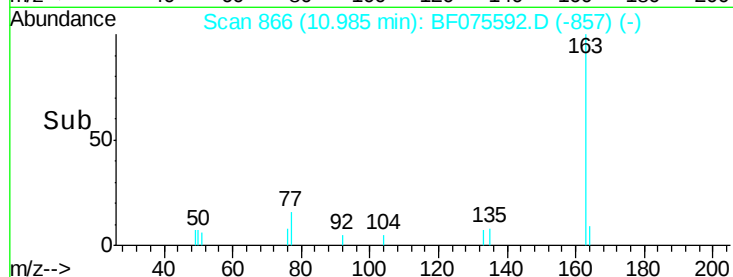
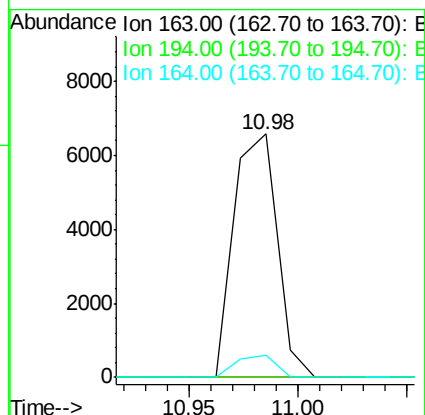
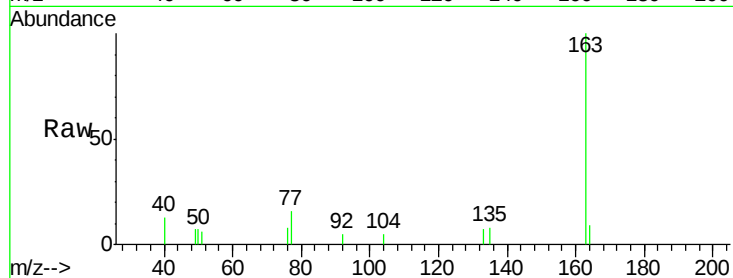




#49
Dimethylphthalate
Concen: 2.14 ng
RT: 10.98 min Scan# 866
Delta R.T. 0.00 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

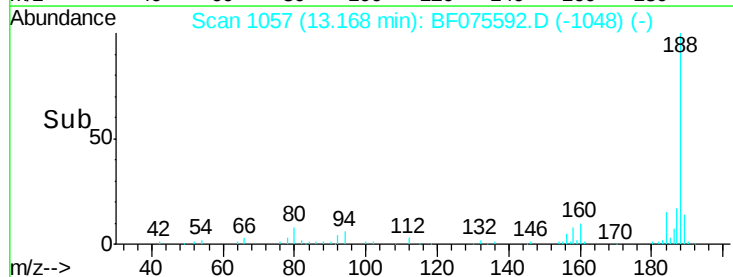
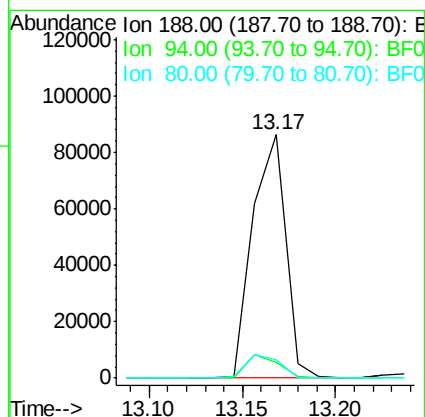
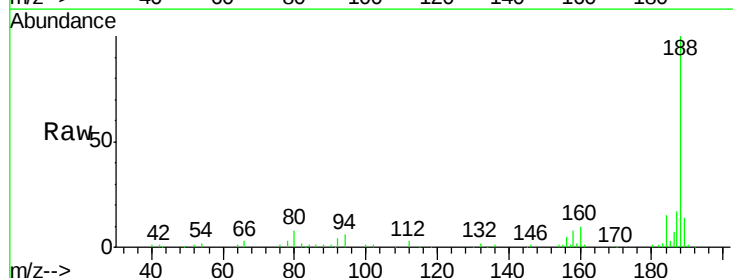
Instrument :
BNA_F
ClientSampleId :
DS-TEMPWELL

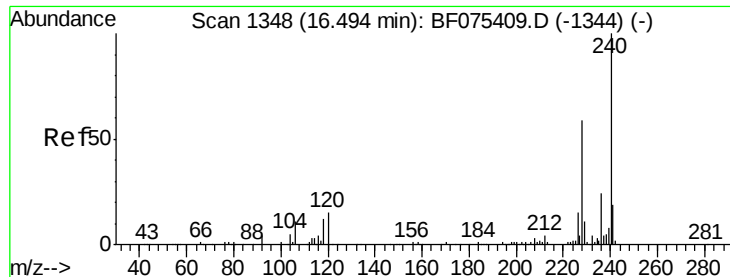
Tot Ion:163 Resp: 9095
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 9.3 8.0 12.0



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF075592.D
Acq: 16 Nov 2014 21:08

Tgt Ion:188 Resp: 105896
Ion Ratio Lower Upper
188 100
94 6.4 7.8 11.6#
80 7.6 8.0 12.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.46 min Scan# 1345

Delta R.T. -0.01 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

Instrument :

BNA_F

ClientSampleId :

DS-TEMPWELL

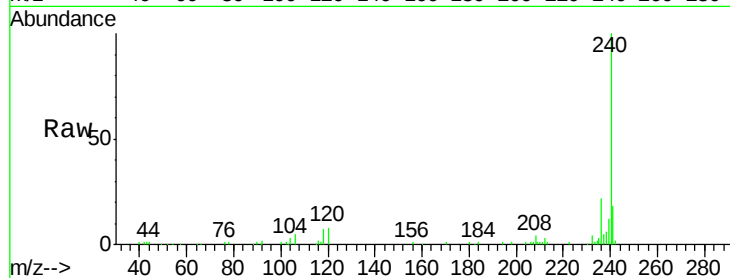
Tot Ion:240 Resp: 117757

Ion Ratio Lower Upper

240 100

120 7.7 9.6 14.4#

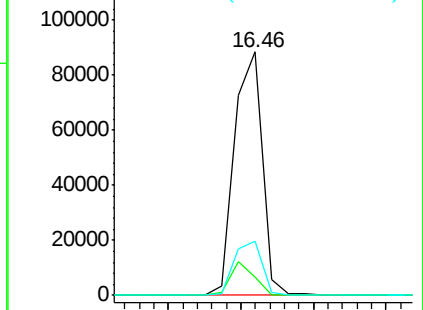
236 22.4 18.9 28.3



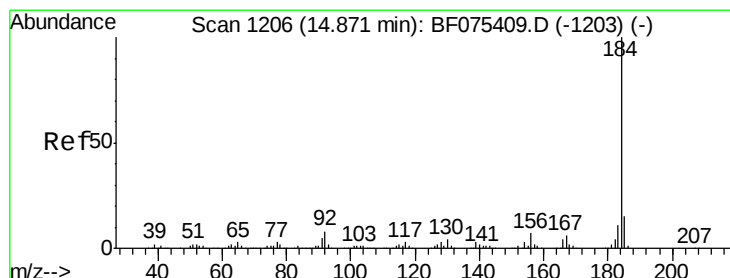
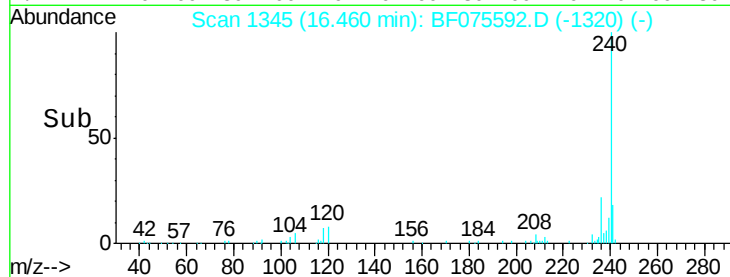
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 79.28 ng

RT: 14.85 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF075592.D

Acq: 16 Nov 2014 21:08

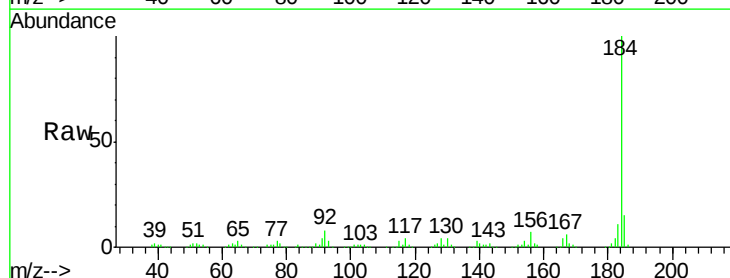
Tgt Ion:184 Resp: 296874

Ion Ratio Lower Upper

184 100

185 14.6 10.9 16.3

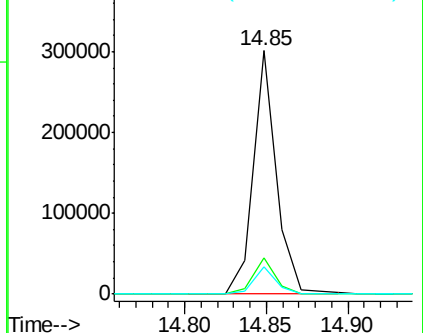
183 11.4 8.7 13.1



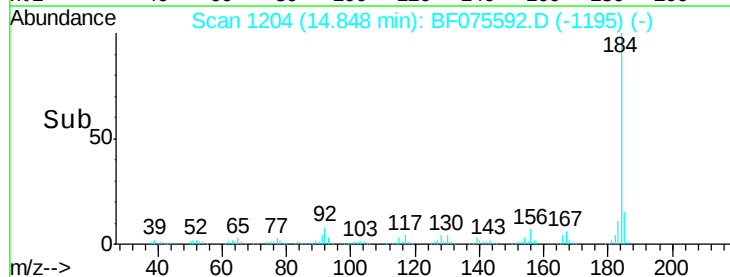
Abundance Ion 184.00 (183.70 to 184.70): E

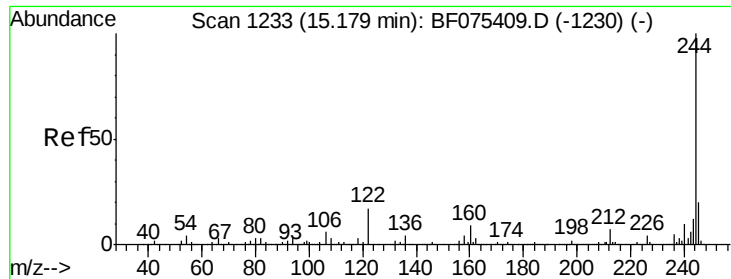
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->

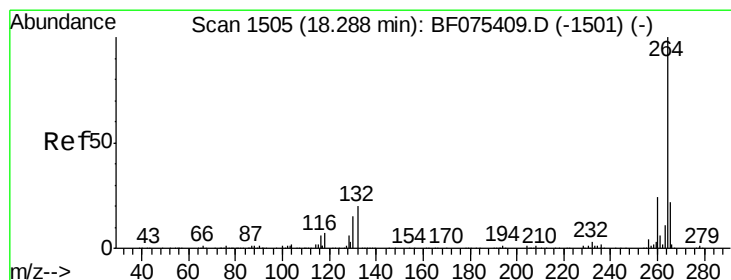
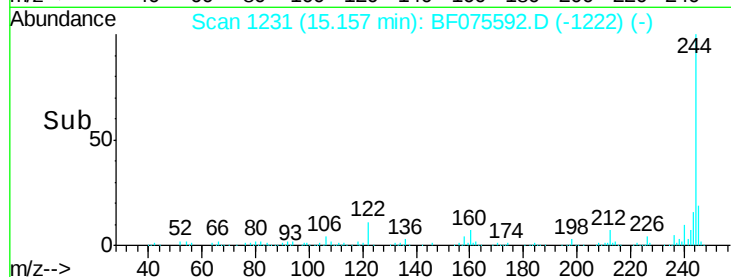
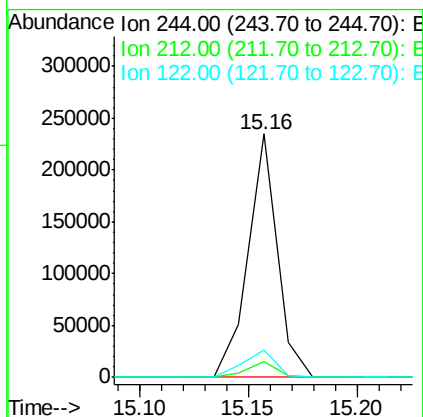
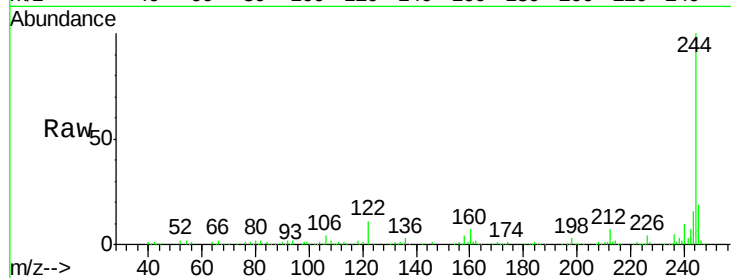




#78
 Terphenyl-d14
 Concen: 50.19 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. 0.00 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Instrument :
 BNA_F
 ClientSampleId :
 DS-TEMPWELL

Tot Ion:244 Resp: 219539
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 11.4 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.16 min Scan# 1494
 Delta R.T. -0.08 min
 Lab File: BF075592.D
 Acq: 16 Nov 2014 21:08

Tgt Ion:264 Resp: 112277
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.9 26.9
 265 20.7 16.3 24.5

