

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090915\
 Data File : BF081565.D
 Acq On : 9 Sep 2015 21:47
 Operator : UM/IZ
 Sample : G3540-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Quant Time: Sep 10 08:28:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 10 04:43:26 2015
 Response via : Initial Calibration

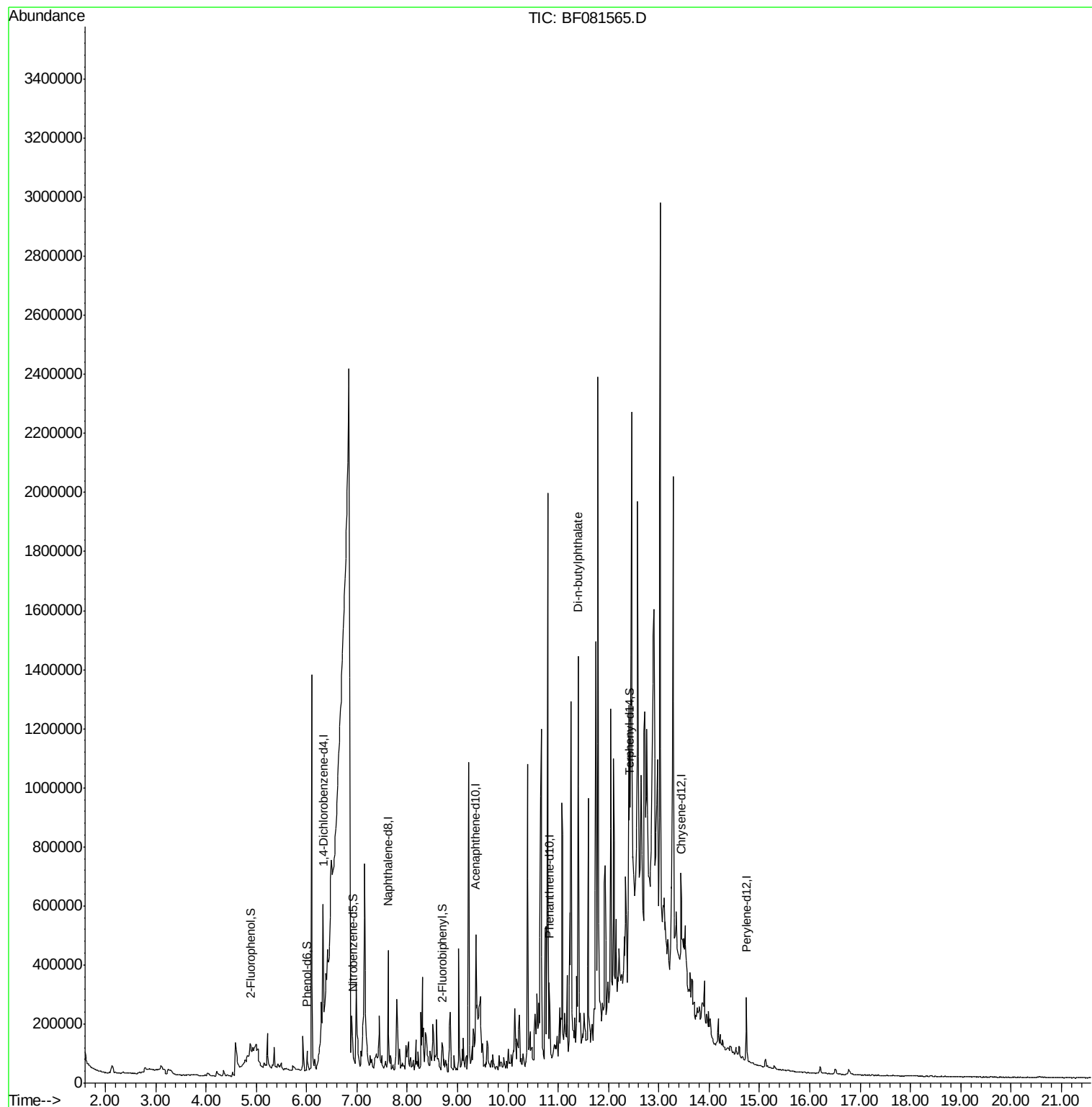
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.33	152	42969	20.00	ng	0.00
21) Naphthalene-d8	7.62	136	152788	20.00	ng	0.00
38) Acenaphthene-d10	9.36	164	64373	20.00	ng	-0.01
63) Phenanthrene-d10	10.82	188	107749m	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	86263	20.00	ng	0.01
86) Perylene-d12	14.74	264	83261	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	10557	3.81	ng	0.01
7) Phenol-d6	6.01	99	22636	6.17	ng	0.00
23) Nitrobenzene-d5	6.91	82	11143	3.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.15	330	712	1.24	ng	-0.01
44) 2-Fluorobiphenyl	8.71	172	18707	3.72	ng	0.00
78) Terphenyl-d14	12.41	244	14671	3.96	ng	0.00
Target Compounds						
73) Di-n-butylphthalate	11.39	149	20996m	3.08	ng	Qvalue

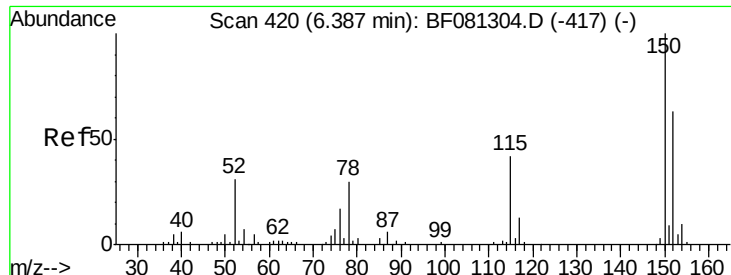
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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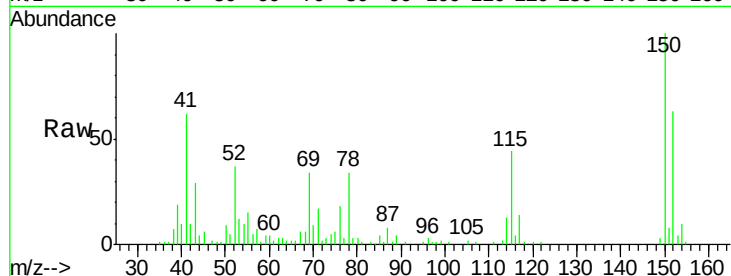


#1

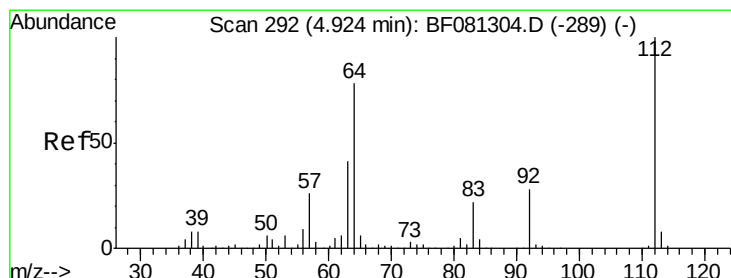
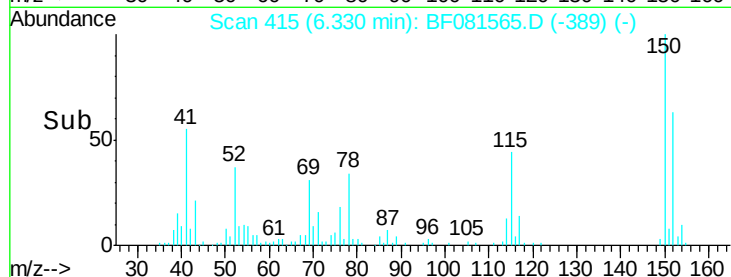
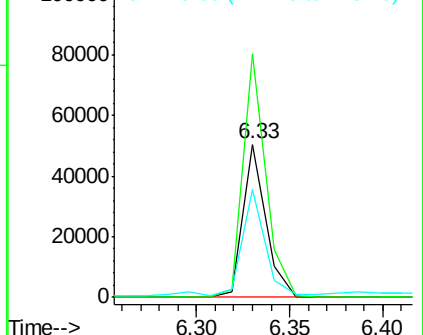
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.33 min Scan# 415
Delta R.T. -0.00 min
Lab File: BF081565.D
Acq: 9 Sep 2015 21:47

Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

Tgt Ion:152 Resp: 42969
Ion Ratio Lower Upper
152 100
150 159.2 124.7 187.1
115 70.2 39.0 58.4#



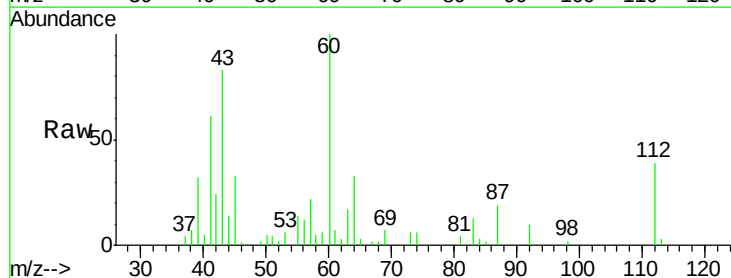
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



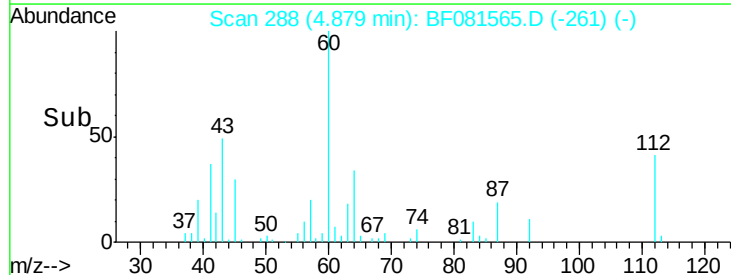
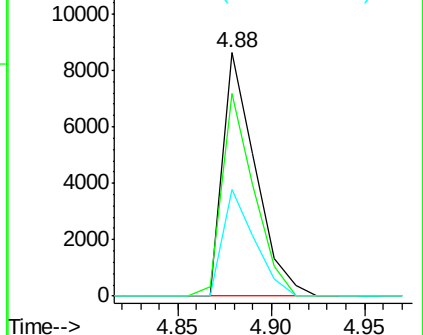
#5

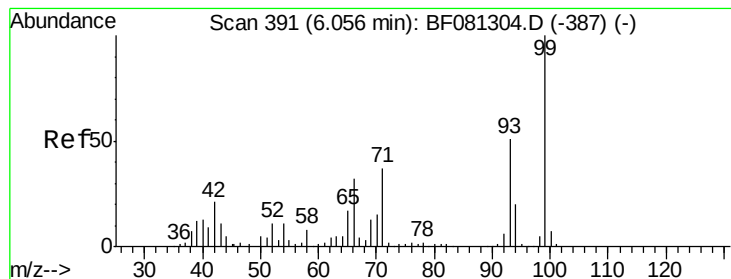
2-Fluorophenol
Concen: 3.81 ng
RT: 4.88 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF081565.D
Acq: 9 Sep 2015 21:47

Tgt Ion:112 Resp: 10557
Ion Ratio Lower Upper
112 100
64 83.3 39.7 59.5#
63 43.6 17.4 26.0#



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: 6.17 ng

RT: 6.01 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

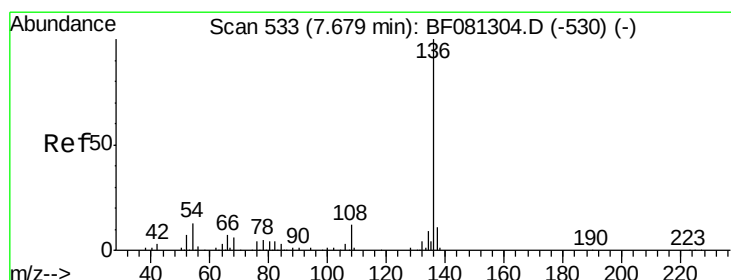
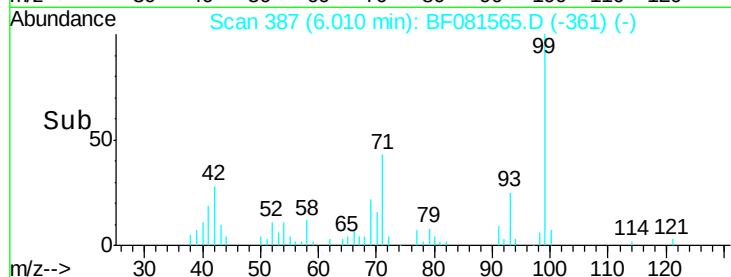
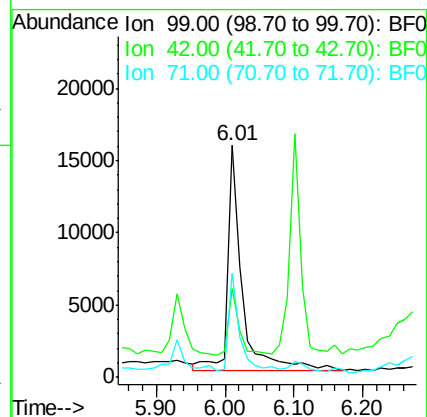
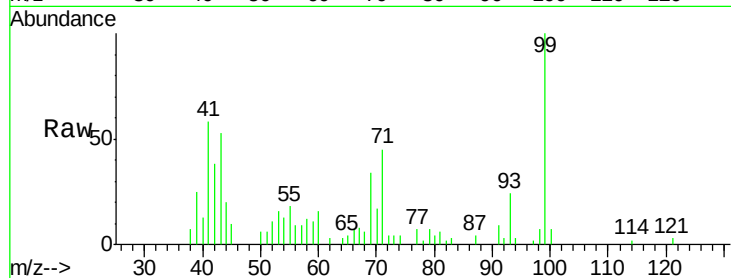
Tgt Ion: 99 Resp: 22636

Ion Ratio Lower Upper

99 100

42 38.1 13.7 20.5#

71 44.7 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.62 min Scan# 528

Delta R.T. -0.00 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

Tgt Ion: 136 Resp: 152788

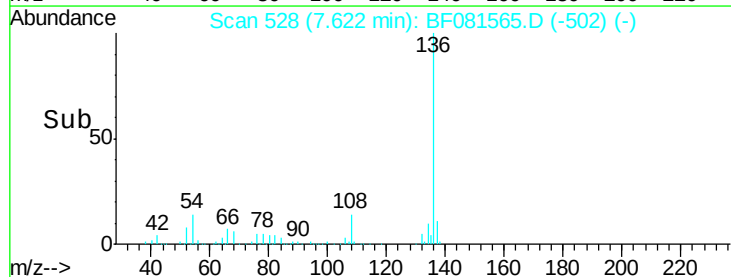
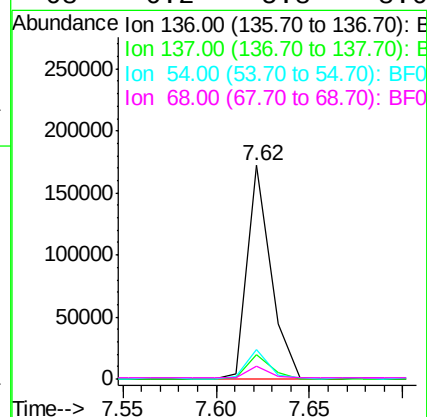
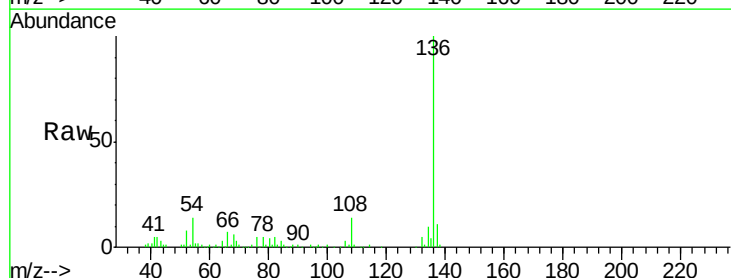
Ion Ratio Lower Upper

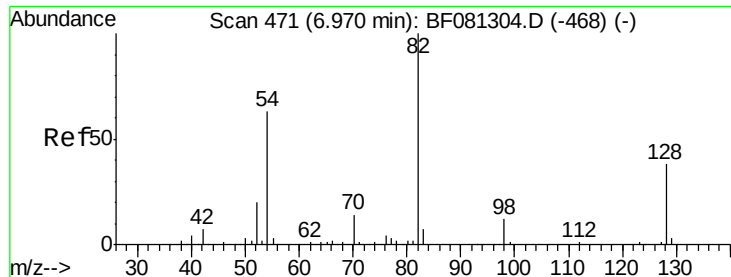
136 100

137 11.3 9.0 13.6

54 14.1 8.2 12.2#

68 6.2 5.8 8.6





#23

Nitrobenzene-d5

Concen: 3.52 ng

RT: 6.91 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

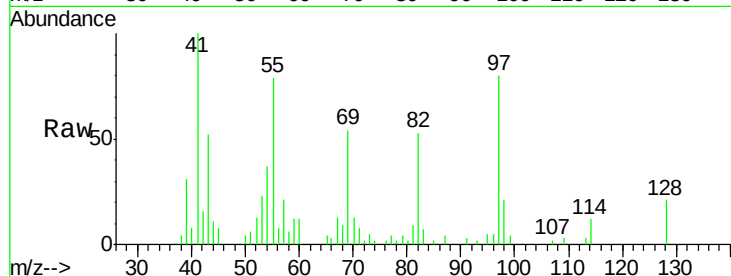
Tgt Ion: 82 Resp: 11143

Ion Ratio Lower Upper

82 100

128 40.4 51.0 76.6#

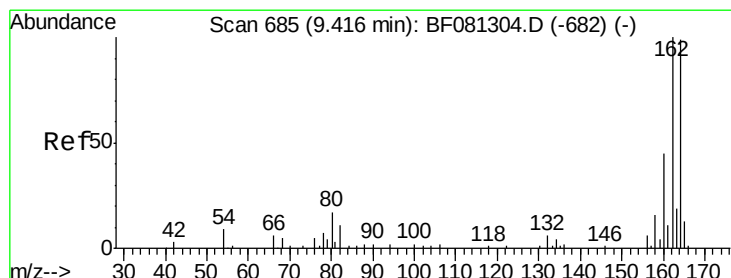
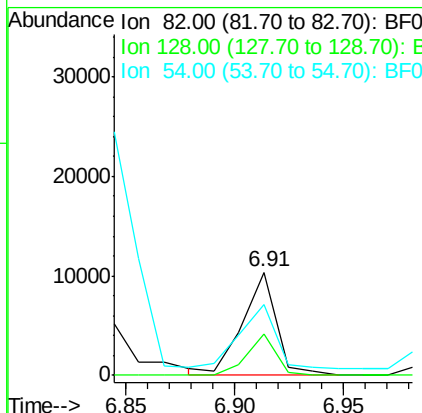
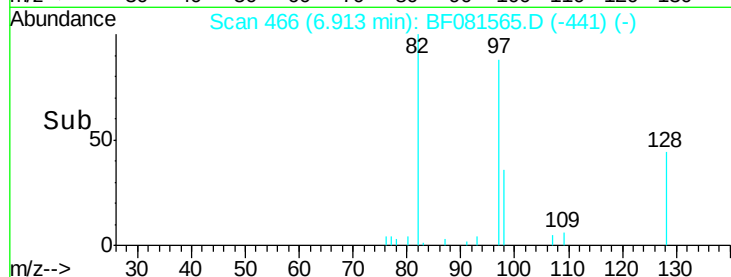
54 68.9 47.5 71.3



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: 9.36 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

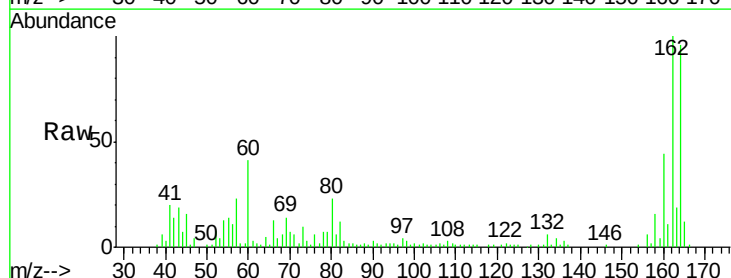
Tgt Ion: 164 Resp: 64373

Ion Ratio Lower Upper

164 100

162 104.3 75.2 112.8

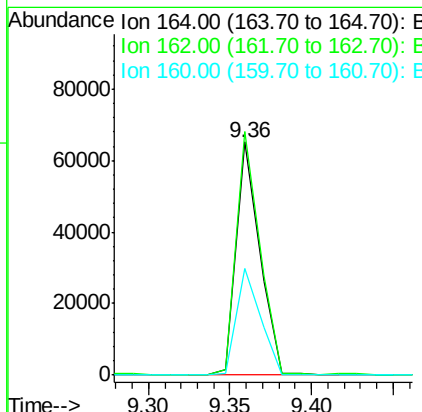
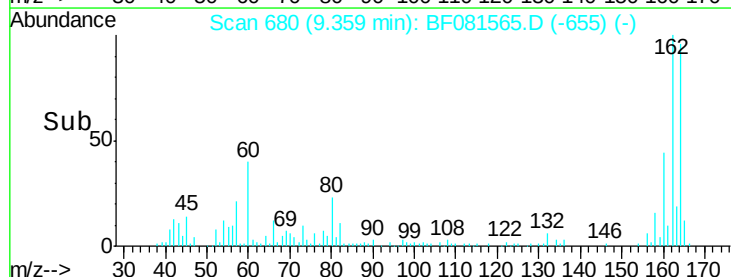
160 45.5 31.5 47.3

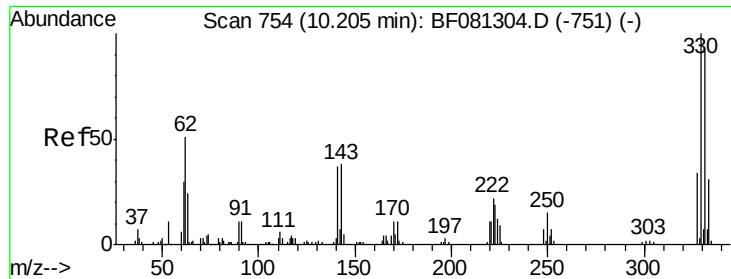


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

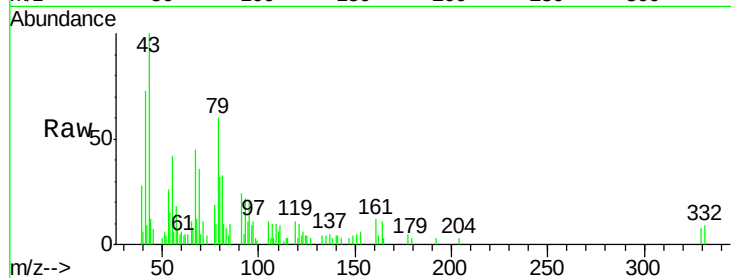




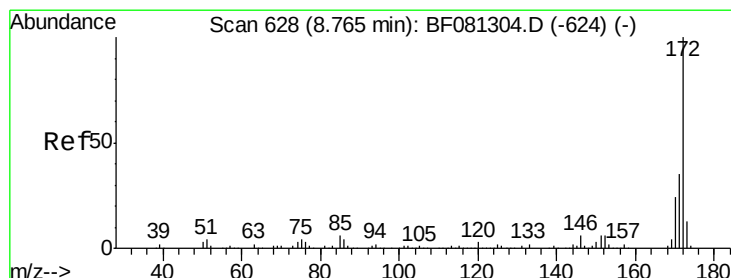
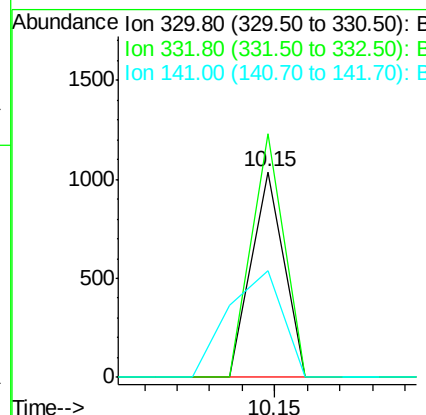
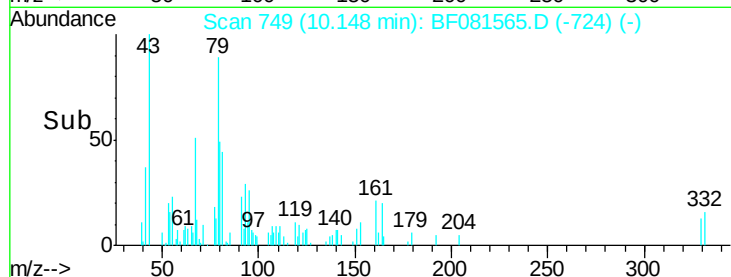
#41
 2,4,6-Tribromophenol
 Concen: 1.24 ng
 RT: 10.15 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF081565.D
 Acq: 9 Sep 2015 21:47

Instrument :
 BNA_F
 ClientSampleId :
 1507293456THRU-1507293463-CO

Tgt Ion:330 Resp: 712
 Ion Ratio Lower Upper
 330 100
 332 118.4 76.6 114.8#
 141 87.2 29.7 44.5#

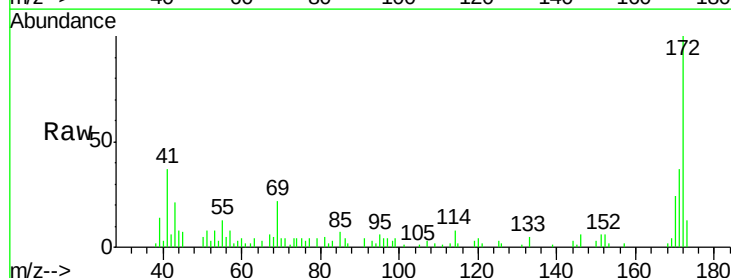


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

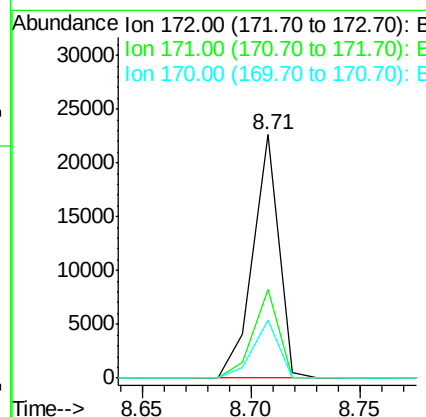
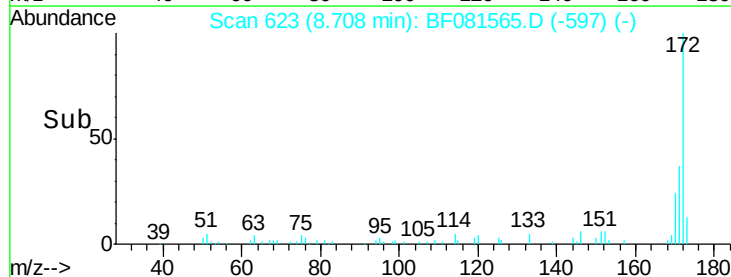


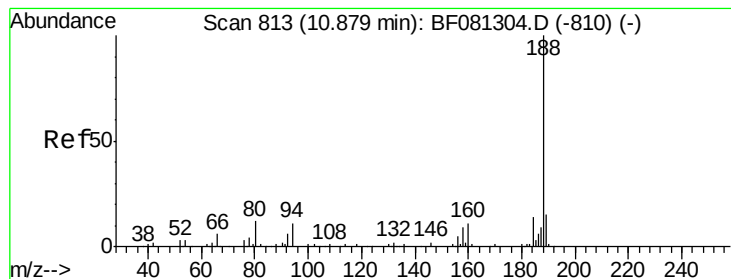
#44
 2-Fluorobiphenyl
 Concen: 3.72 ng
 RT: 8.71 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF081565.D
 Acq: 9 Sep 2015 21:47

Tgt Ion:172 Resp: 18707
 Ion Ratio Lower Upper
 172 100
 171 36.7 26.1 39.1
 170 23.7 17.4 26.2



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 m

RT: 10.82 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

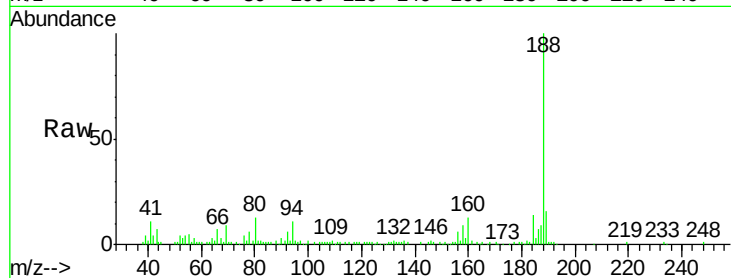
Tgt Ion:188 Resp: 107749

Ion Ratio Lower Upper

188 100

94 11.1 11.1 16.7#

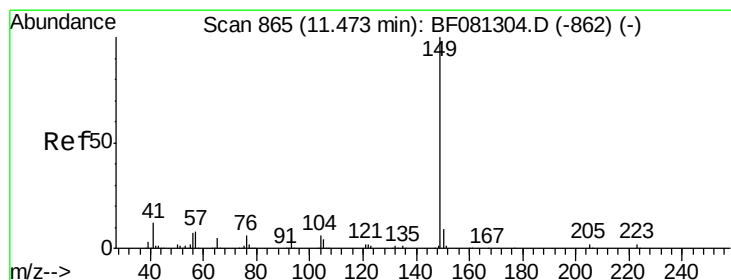
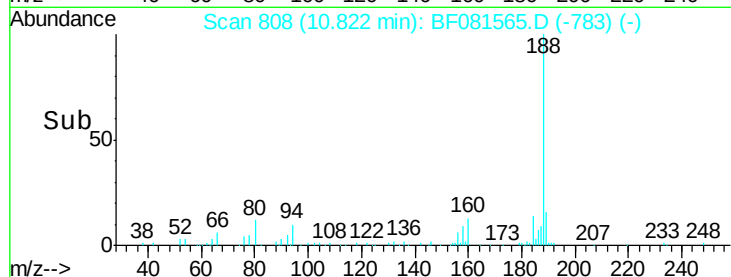
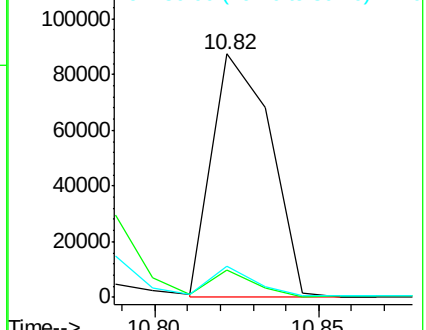
80 12.7 11.0 16.4



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



#73

Di-n-butylphthalate

Concen: 3.08 ng m

RT: 11.39 min Scan# 858

Delta R.T. -0.03 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

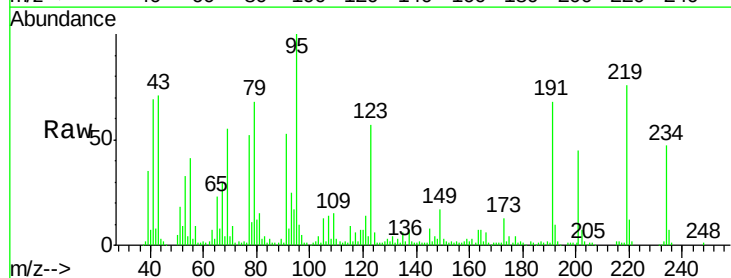
Tgt Ion:149 Resp: 20996

Ion Ratio Lower Upper

149 100

150 15.4 7.4 11.2#

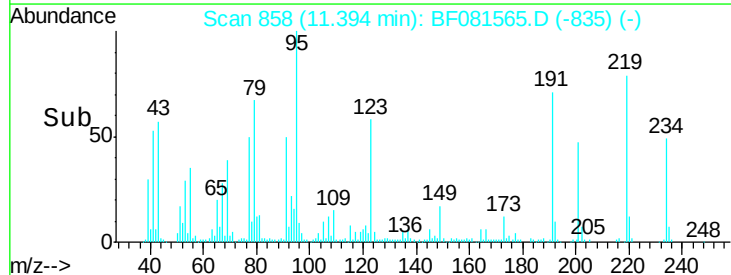
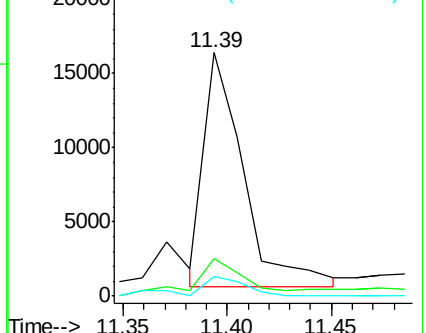
104 8.0 2.4 3.6#

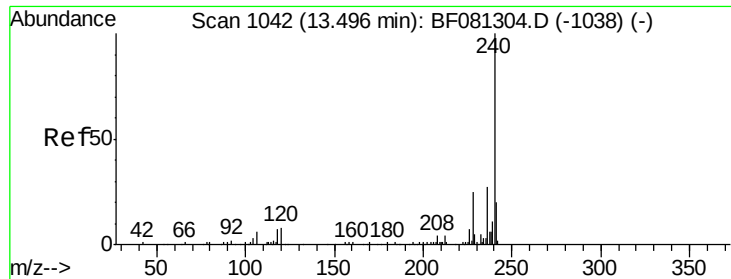


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. 0.01 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

Instrument :

BNA_F

ClientSampleId :

1507293456THRU-1507293463-CO

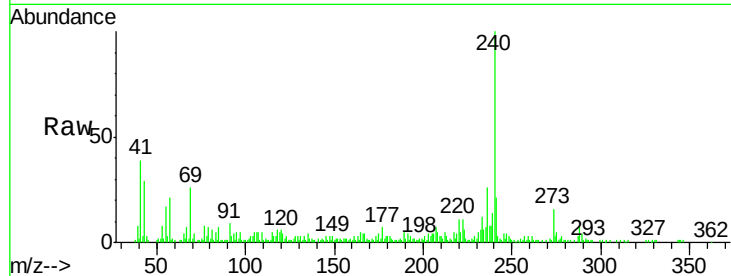
Tgt Ion:240 Resp: 86263

Ion Ratio Lower Upper

240 100

120 6.4 16.2 24.2#

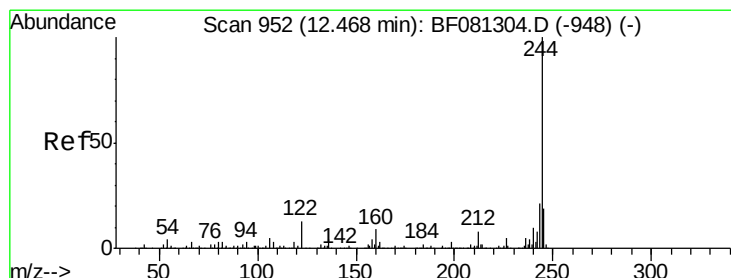
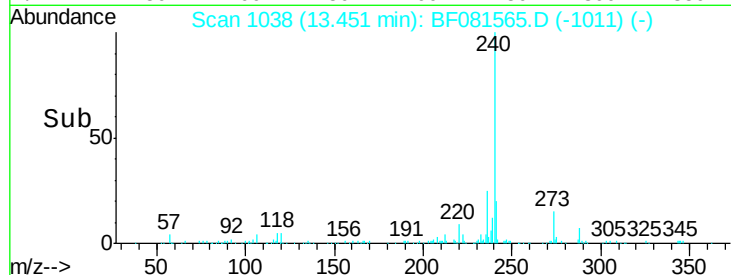
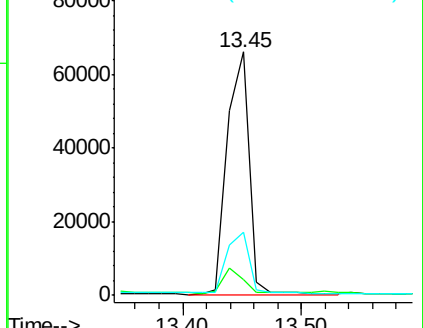
236 26.0 18.4 27.6



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: 3.96 ng

RT: 12.41 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF081565.D

Acq: 9 Sep 2015 21:47

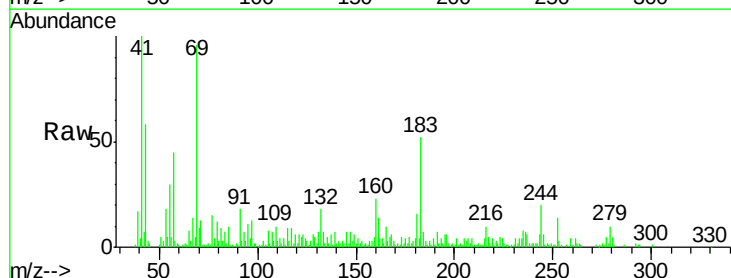
Tgt Ion:244 Resp: 14671

Ion Ratio Lower Upper

244 100

212 9.8 4.3 6.5#

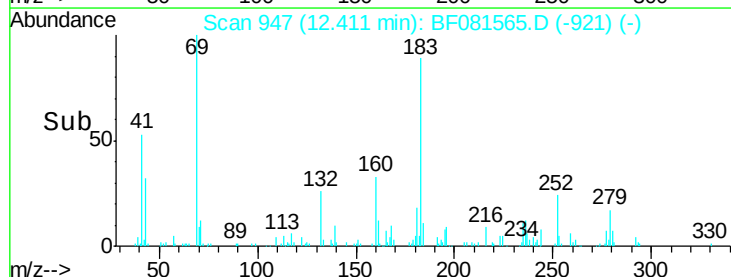
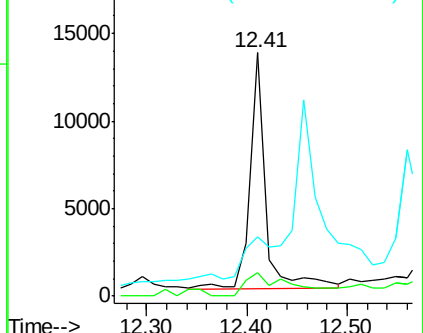
122 24.2 17.4 26.2

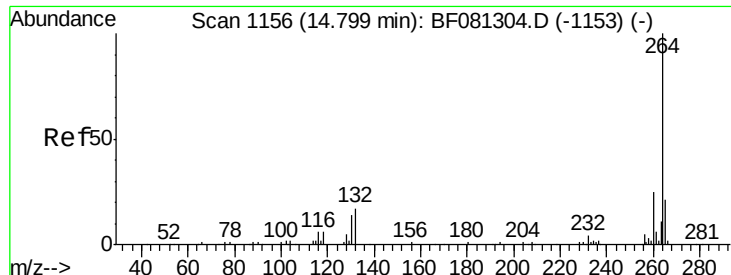


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

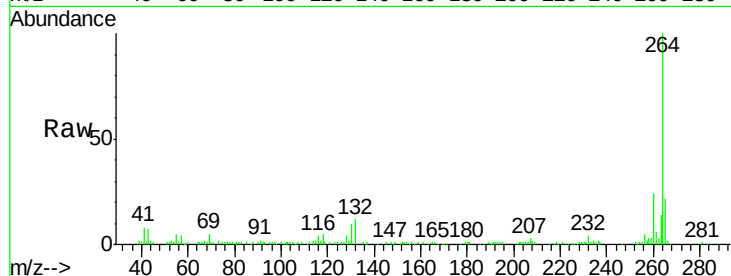




#86
Perylene-d12
Concen: 20.00 ng
RT: 14.74 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081565.D
Acq: 9 Sep 2015 21:47

Instrument :
BNA_F
ClientSampleId :
1507293456THRU-1507293463-CO

Tgt Ion: 264 Resp: 83261
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.6 17.2 25.8



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

