

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081758.D
 Acq On : 23 Sep 2015 6:29
 Operator : UM/IZ
 Sample : G3748-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP202-38-40

Quant Time: Sep 23 07:22:30 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 22 17:42:58 2015
 Response via : Initial Calibration

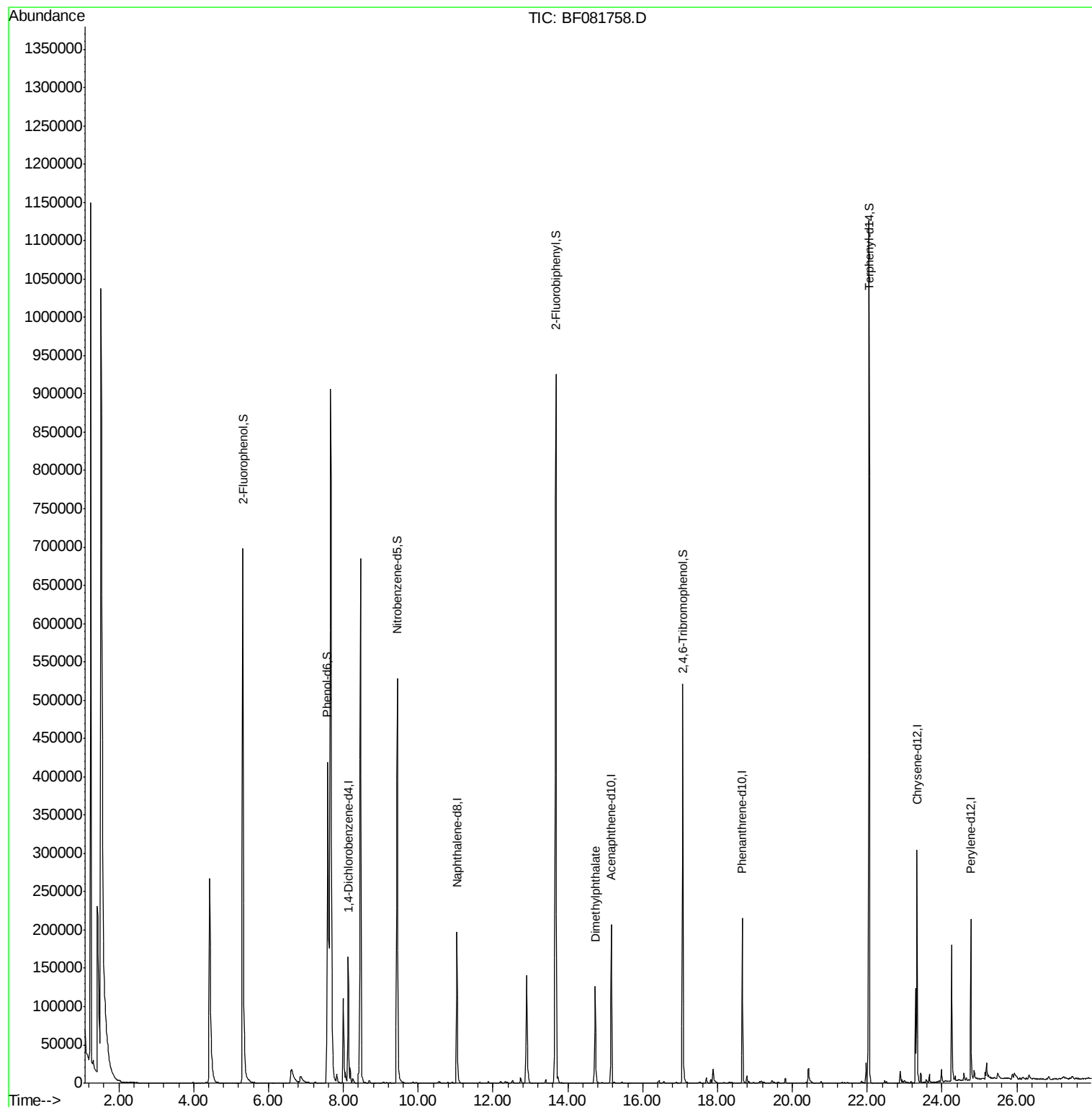
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39942	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	159693	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	76012	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	155966	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	117260	20.00	ng	0.00
86) Perylene-d12	24.77	264	87782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	370077	143.75	ng	0.03
7) Phenol-d6	7.58	99	509323	149.46	ng	0.00
23) Nitrobenzene-d5	9.44	82	335293	101.30	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	107542	158.89	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	584716	98.58	ng	-0.01
78) Terphenyl-d14	22.05	244	545835	108.36	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.73	163	90202	15.27	ng	Qvalue # 97

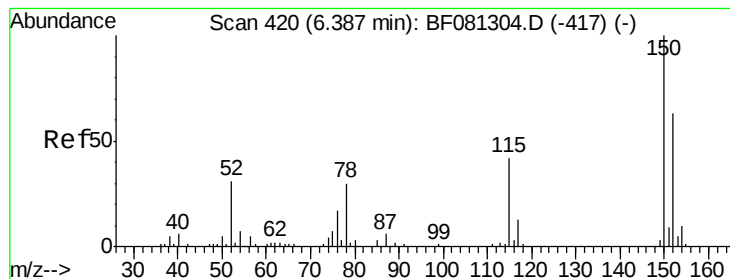
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

Instrument :

BNA_F

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MGP202-38-40

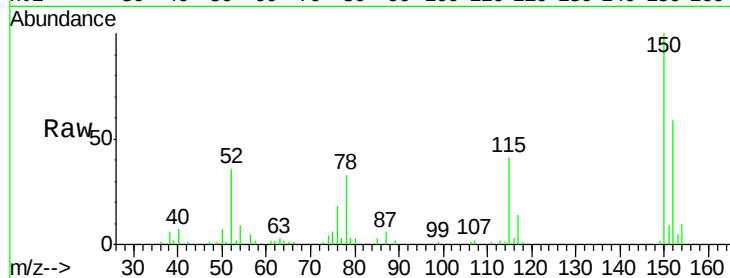
Tot Ion:152 Resp: 39942

Ion Ratio Lower Upper

152 100

150 170.4 124.7 187.1

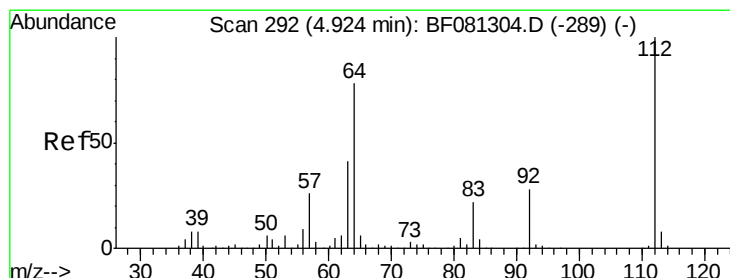
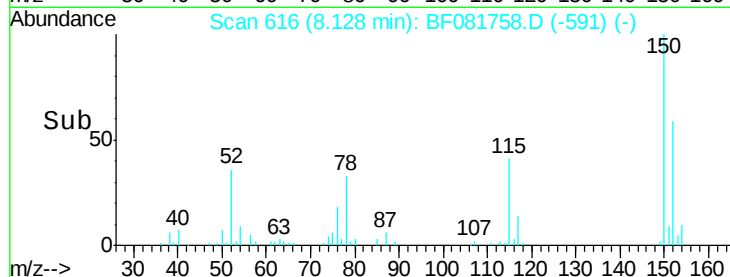
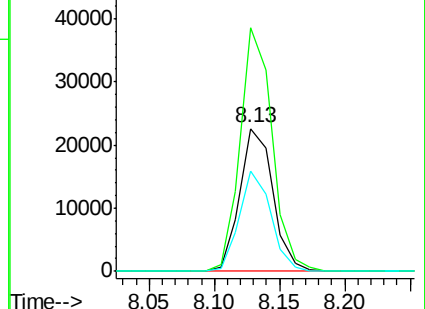
115 70.6 39.0 58.4#



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: 143.75 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

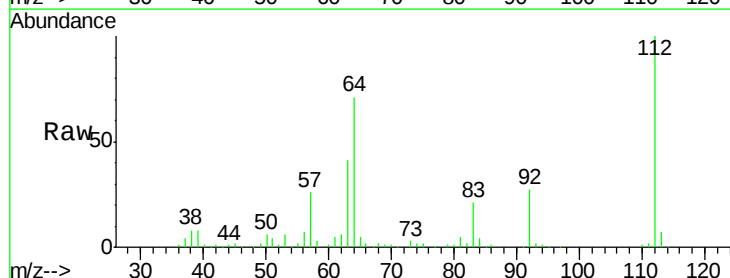
Tgt Ion:112 Resp: 370077

Ion Ratio Lower Upper

112 100

64 71.3 39.7 59.5#

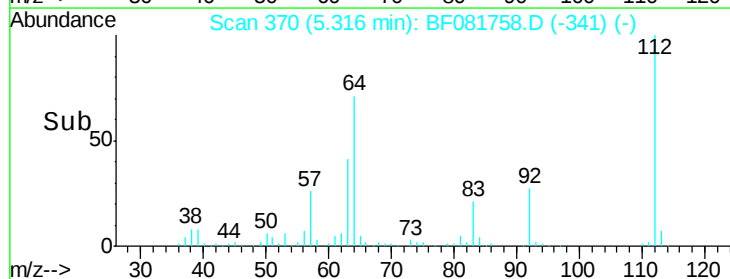
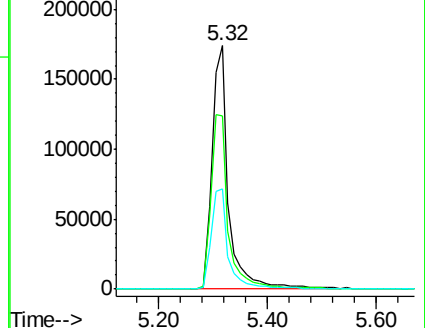
63 41.1 17.4 26.0#

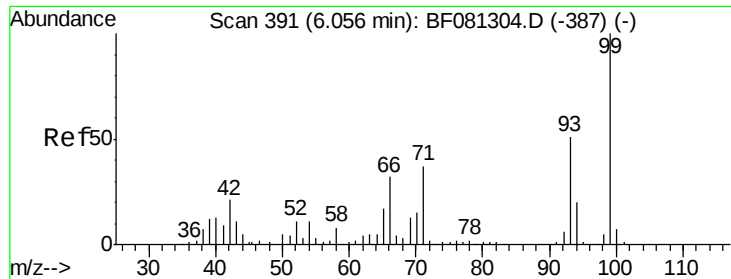


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.46 ng

RT: 7.58 min Scan# 568

Delta R.T. 0.00 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MGP202-38-40

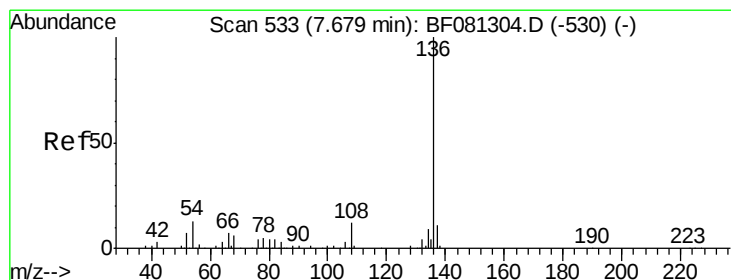
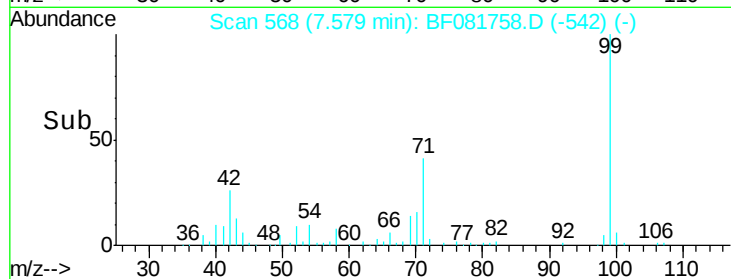
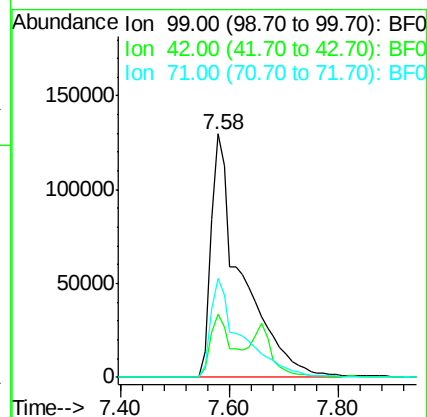
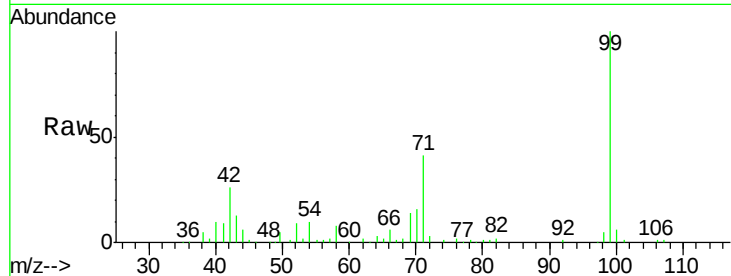
Tot Ion: 99 Resp: 509323

Ion Ratio Lower Upper

99 100

42 26.2 13.7 20.5#

71 40.6 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

Tgt Ion: 136 Resp: 159693

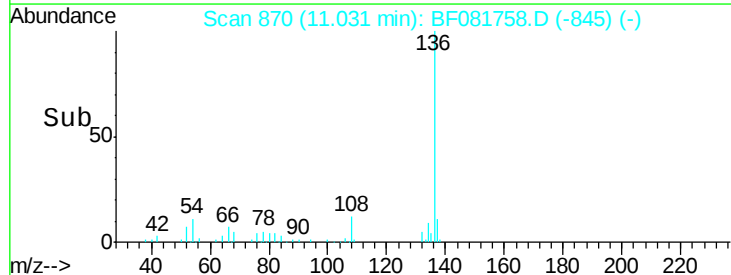
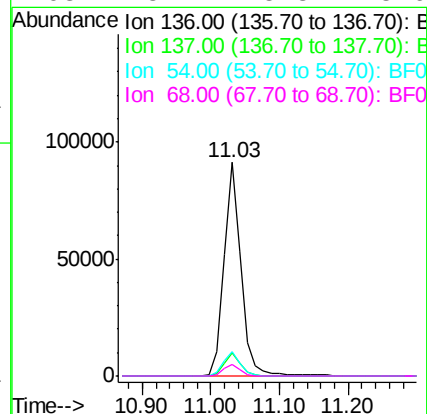
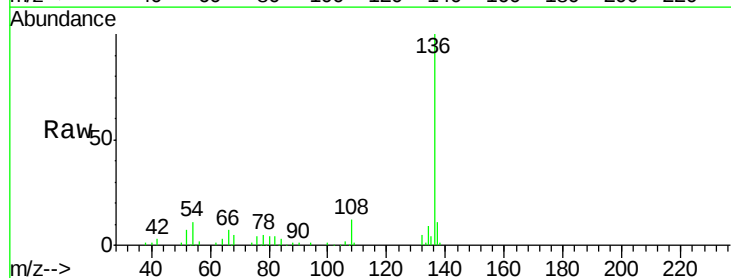
Ion Ratio Lower Upper

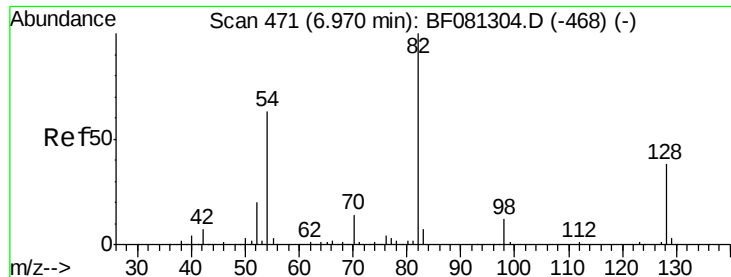
136 100

137 10.7 9.0 13.6

54 11.4 8.2 12.2

68 5.2 5.8 8.6#

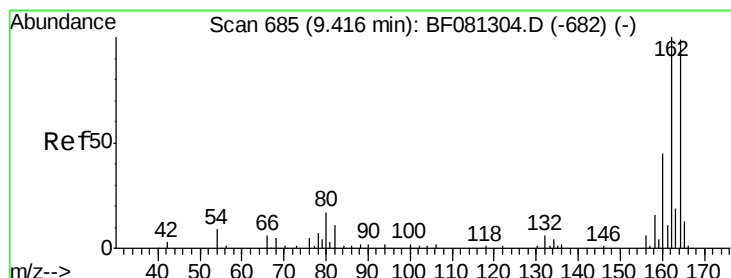
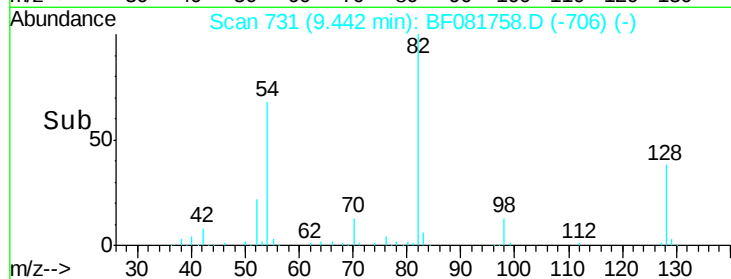
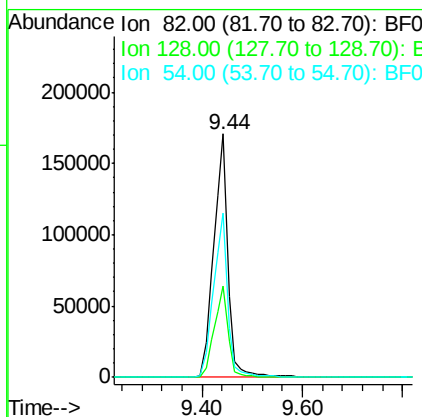
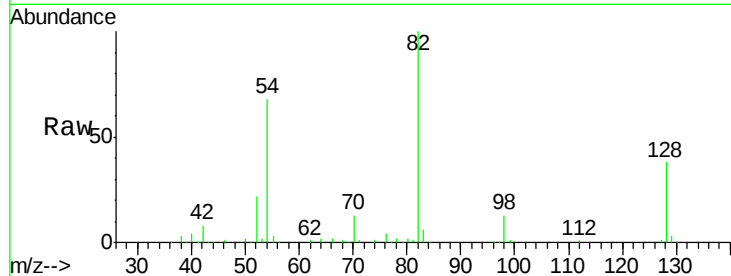




#23
 Nitrobenzene-d5
 Concen: 101.30 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

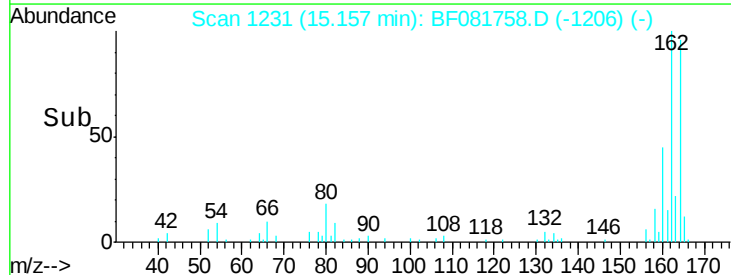
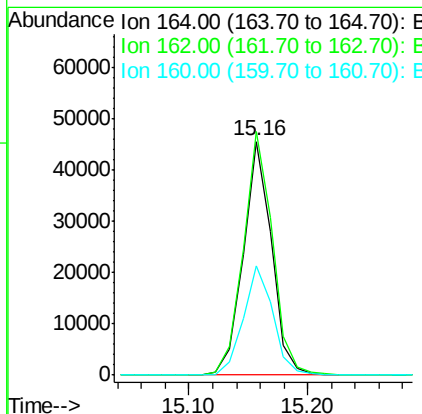
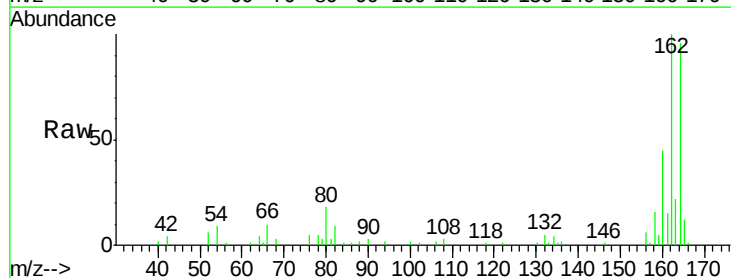
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-38-40

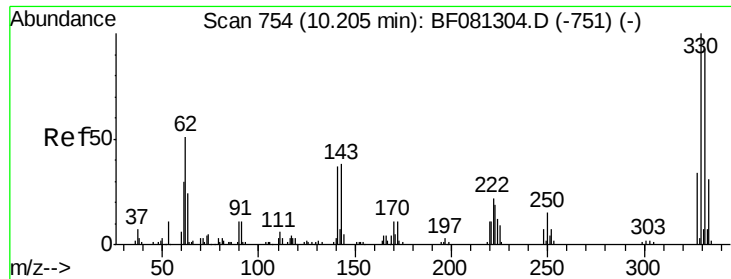
Tot Ion: 82 Resp: 335293
 Ion Ratio Lower Upper
 82 100
 128 37.8 51.0 76.6#
 54 67.7 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

Tgt Ion:164 Resp: 76012
 Ion Ratio Lower Upper
 164 100
 162 104.1 75.2 112.8
 160 46.5 31.5 47.3

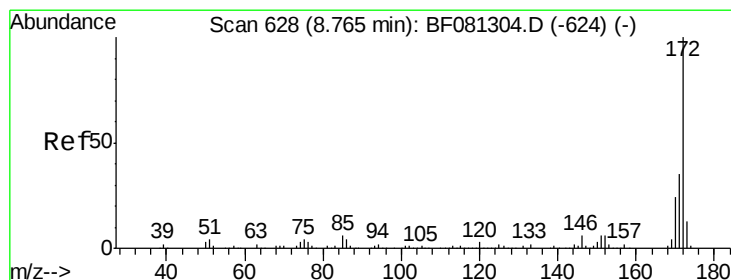
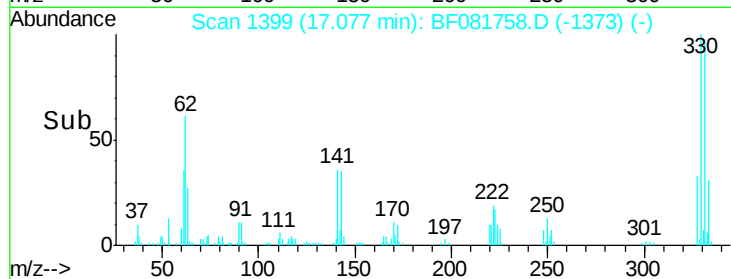
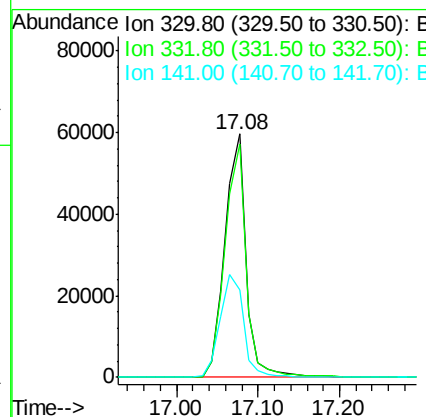
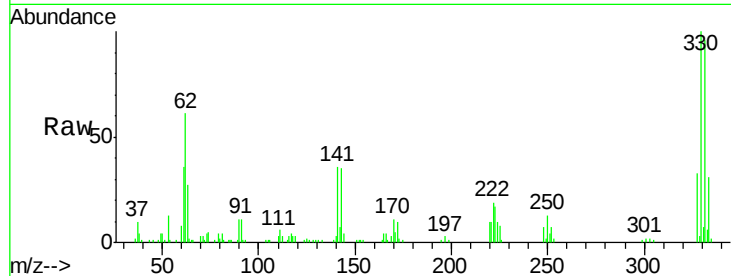




#41
 2,4,6-Tribromophenol
 Concen: 158.89 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. 0.00 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

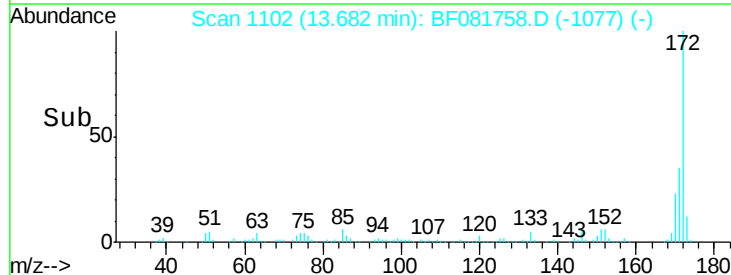
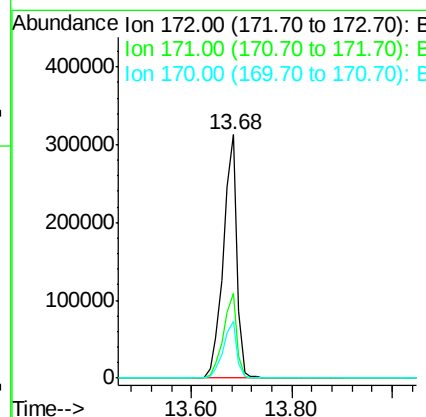
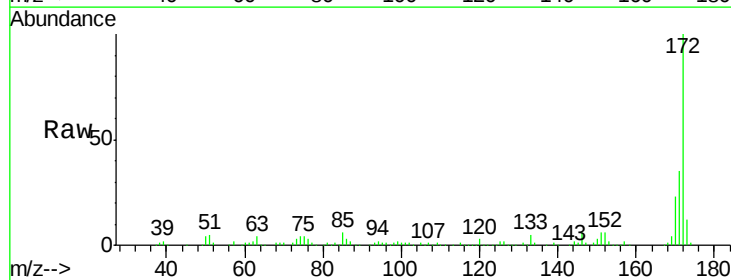
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-38-40

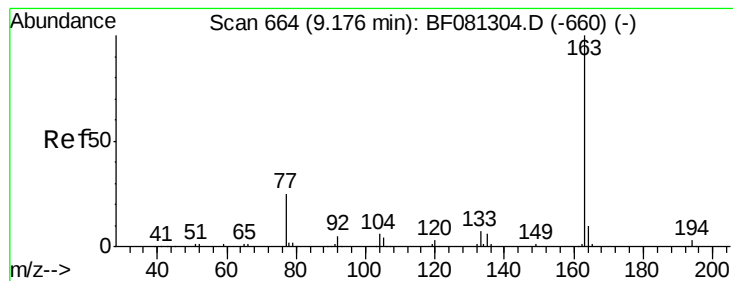
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	114.8
141	46.7	29.7	44.5#



#44
 2-Fluorobiphenyl
 Concen: 98.58 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	26.1	39.1
170	23.4	17.4	26.2





#49

Dimethylphthalate

Concen: 15.27 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

Instrument :

BNA_F

ClientSampleId :

MGP202-38-40

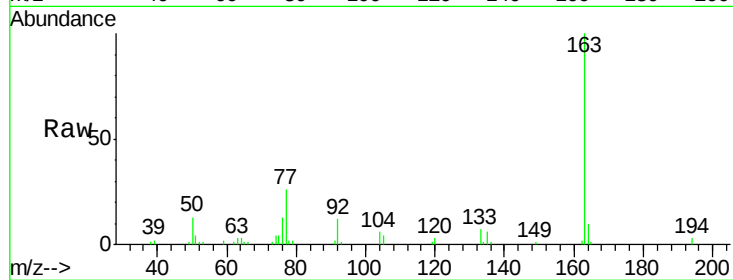
Tot Ion:163 Resp: 90202

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

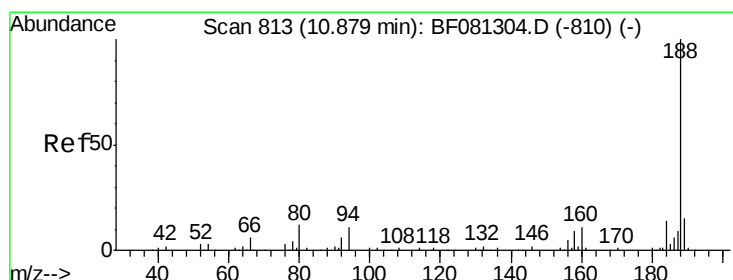
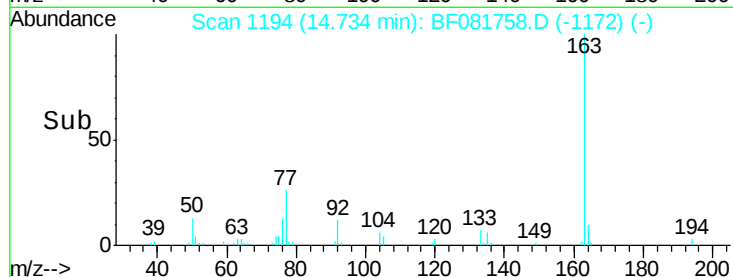
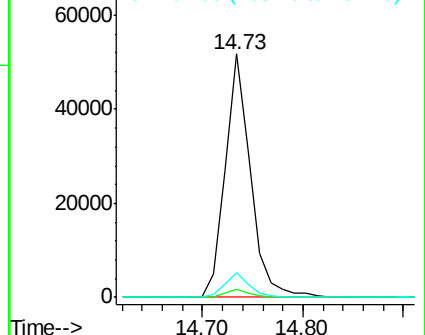
164 10.1 8.3 12.5



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: 18.67 min Scan# 1538

Delta R.T. -0.01 min

Lab File: BF081758.D

Acq: 23 Sep 2015 6:29

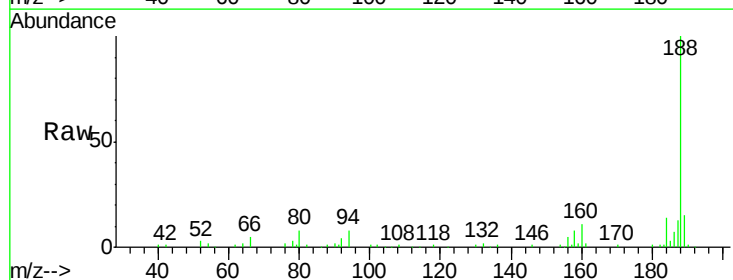
Tgt Ion:188 Resp: 155966

Ion Ratio Lower Upper

188 100

94 7.5 11.1 16.7#

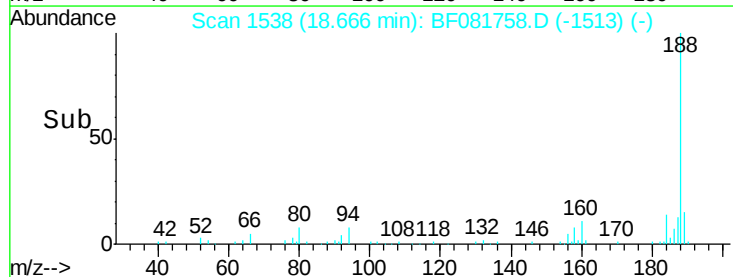
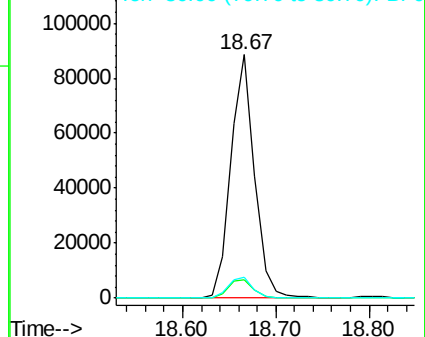
80 8.4 11.0 16.4#

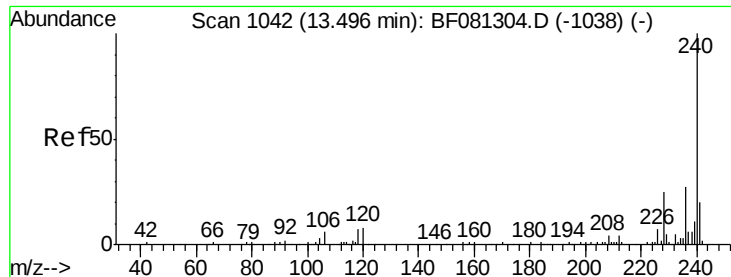


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

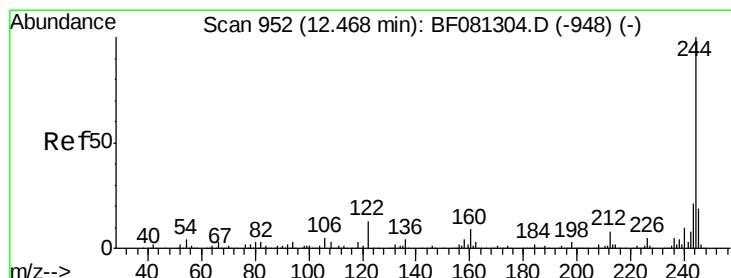
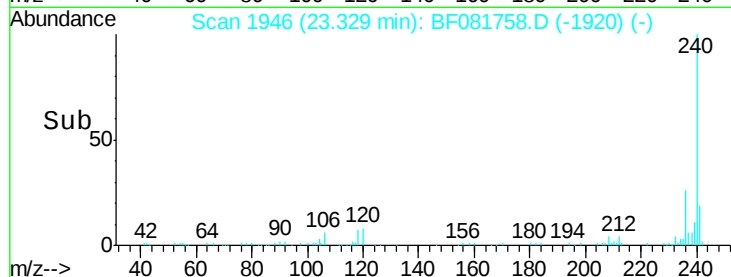
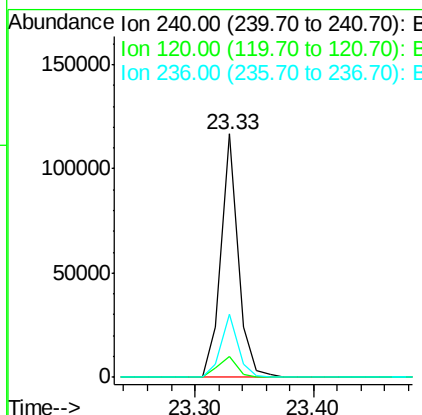
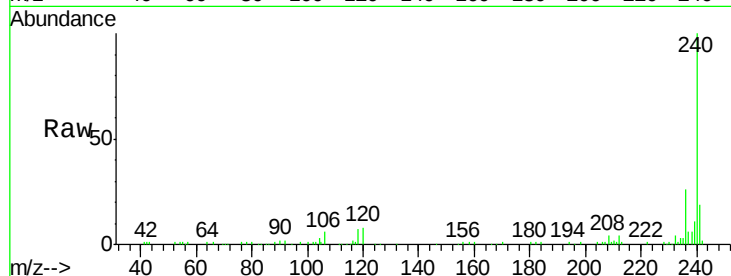




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

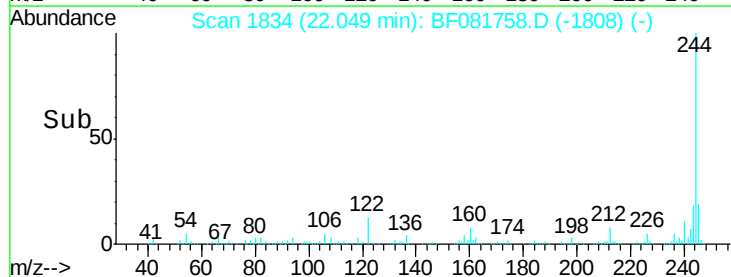
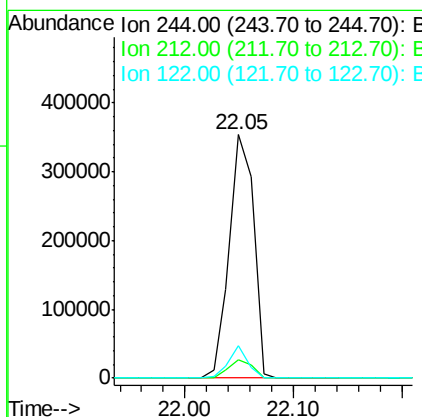
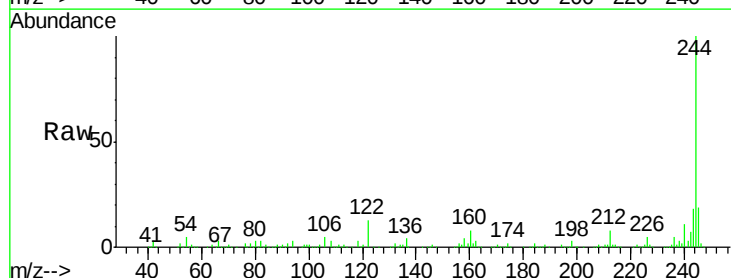
Instrument :
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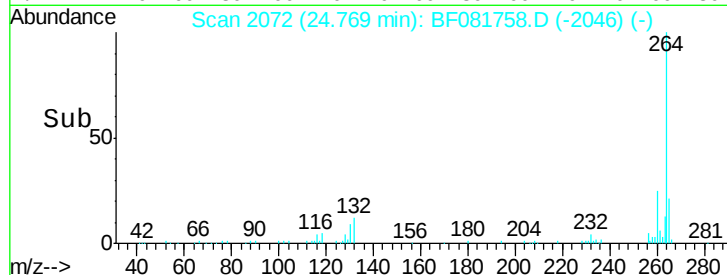
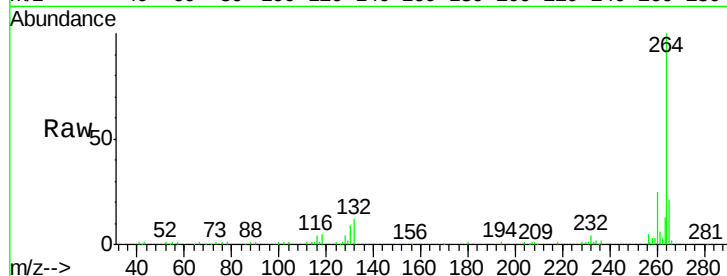
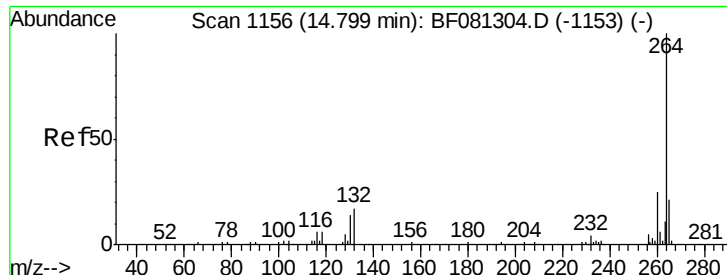
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.4	16.2	24.2#
236	26.1	18.4	27.6



#78
 Terphenyl-d14
 Concen: 108.36 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. 0.00 min
 Lab File: BF081758.D
 Acq: 23 Sep 2015 6:29

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.3	6.5#
122	13.4	17.4	26.2#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 24.77 min Scan# 2072
Delta R.T. 0.00 min
Lab File: BF081758.D
Acq: 23 Sep 2015 6:29

Instrument :
BNA_F
ClientSampleId :
MGP202-38-40

Tot Ion: 264 Resp: 87782
Ion Ratio Lower Upper
264 100
260 24.6 16.7 25.1
265 21.3 17.2 25.8

