

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092215\
 Data File : BF081759.D
 Acq On : 23 Sep 2015 7:05
 Operator : UM/IZ
 Sample : G3748-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP202-42-44

Quant Time: Sep 23 07:52:28 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

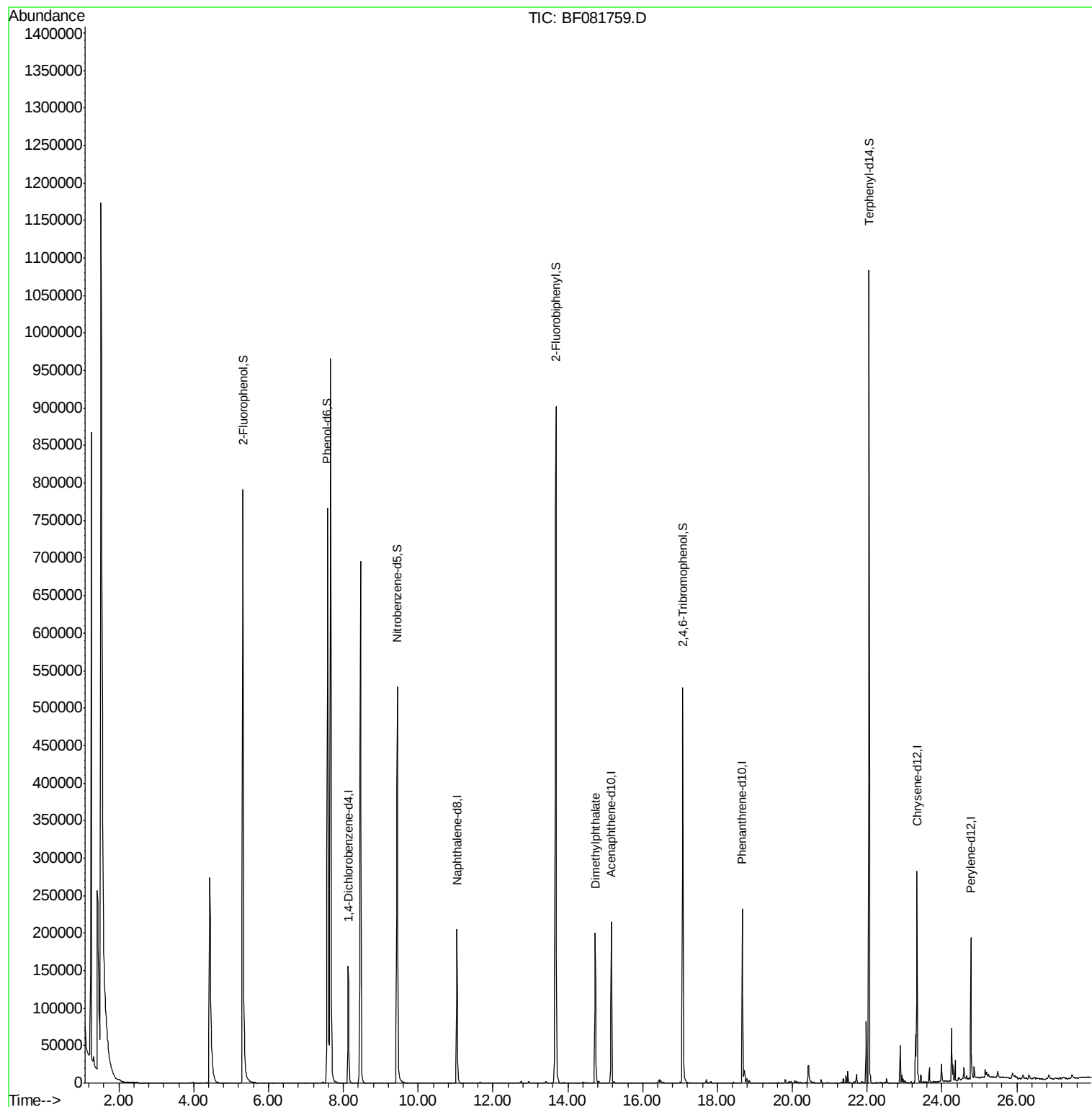
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	42525	20.00	ng	-0.01
21) Naphthalene-d8	11.03	136	166685	20.00	ng	-0.01
38) Acenaphthene-d10	15.16	164	80498	20.00	ng	-0.01
63) Phenanthrene-d10	18.67	188	160536	20.00	ng	-0.01
75) Chrysene-d12	23.33	240	111352	20.00	ng	0.00
86) Perylene-d12	24.77	264	79921	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	386406	140.98	ng	0.03
7) Phenol-d6	7.58	99	541896	149.36	ng	0.00
23) Nitrobenzene-d5	9.44	82	340026	98.42	ng	-0.01
41) 2,4,6-Tribromophenol	17.08	330	112476	156.92	ng	0.00
44) 2-Fluorobiphenyl	13.68	172	561509	89.39	ng	-0.01
78) Terphenyl-d14	22.05	244	433767	90.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.73	163	144294	23.07	ng	Qvalue # 97

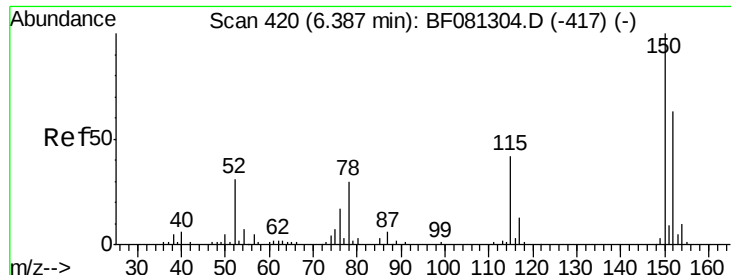
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081759.D

Acq: 23 Sep 2015 7:05

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BNA_F

ClientSampleId :

MGP202-42-44

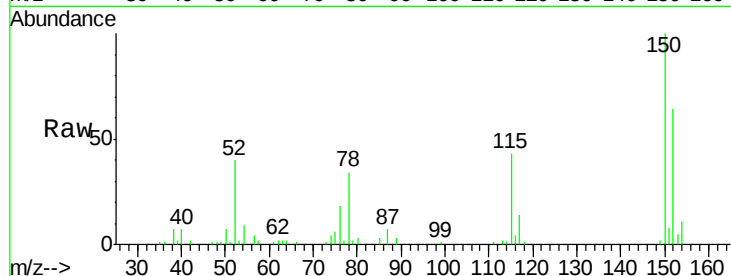
Tot Ion:152 Resp: 42525

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

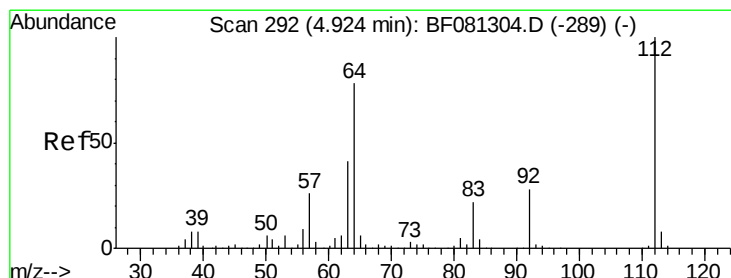
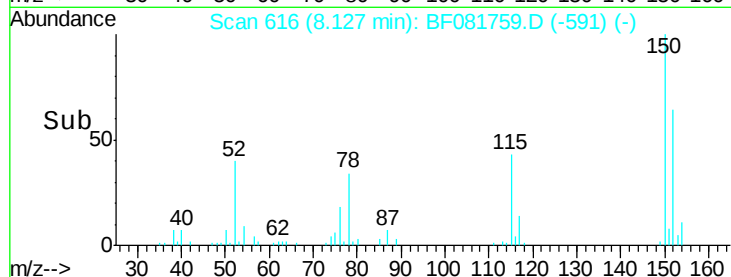
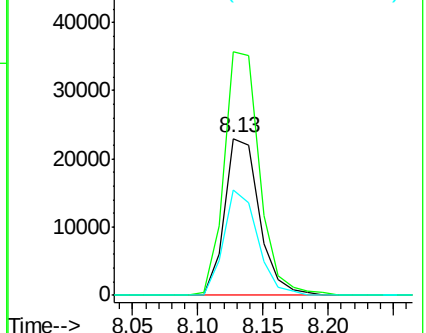
115 66.8 39.0 58.4#



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: 140.98 ng

RT: 5.32 min Scan# 370

Delta R.T. 0.03 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

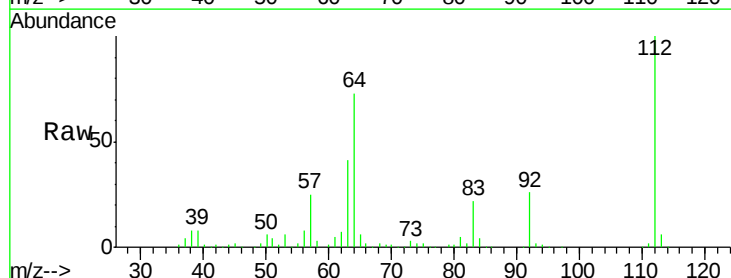
Tgt Ion:112 Resp: 386406

Ion Ratio Lower Upper

112 100

64 72.6 39.7 59.5#

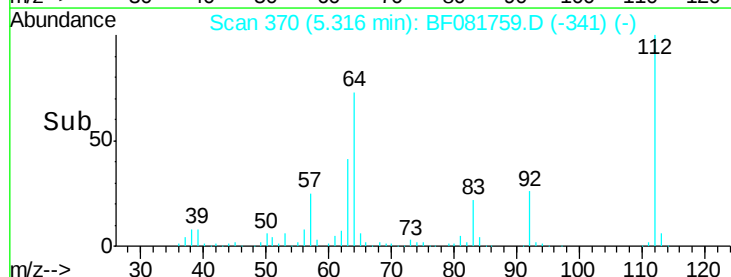
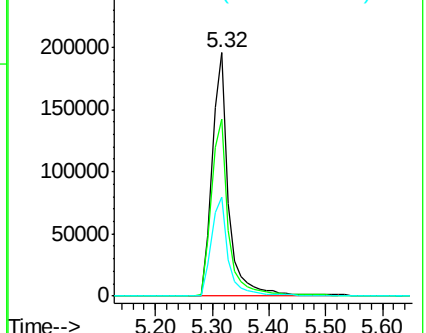
63 40.5 17.4 26.0#

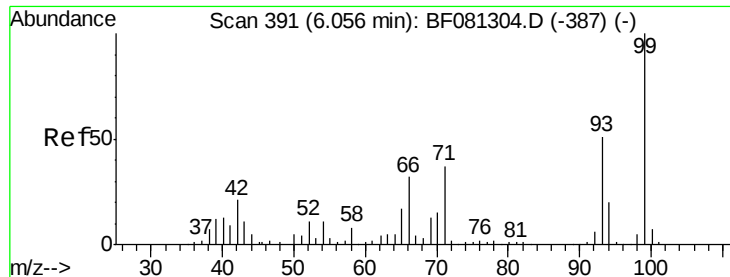


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 149.36 ng

RT: 7.58 min Scan# 568

Delta R.T. -0.00 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

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ClientSampleId :

MGP202-42-44

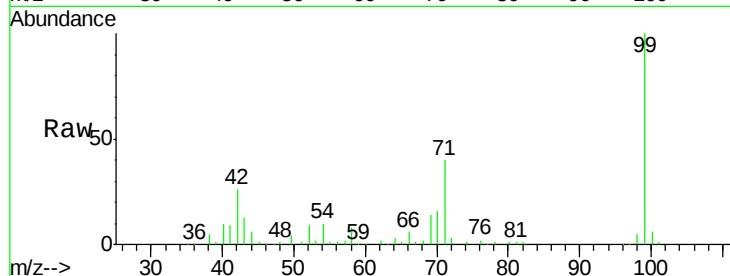
Tot Ion: 99 Resp: 541896

Ion Ratio Lower Upper

99 100

42 26.0 13.7 20.5#

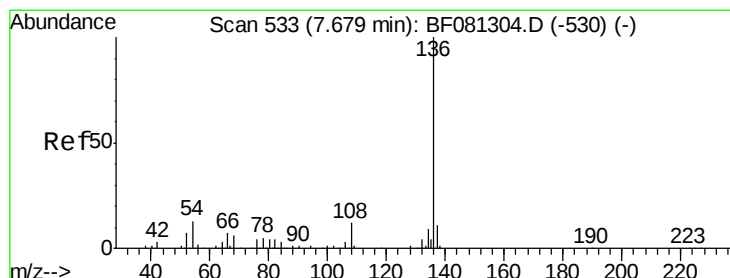
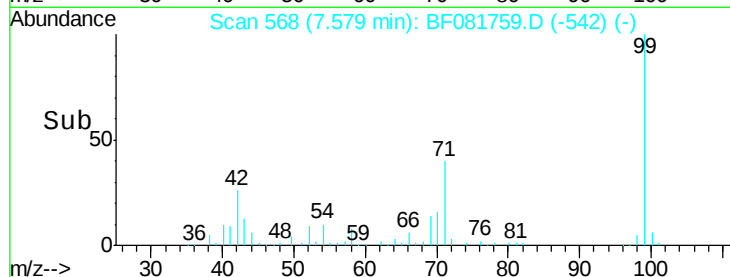
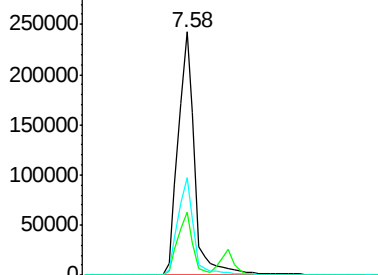
71 40.3 14.2 21.2#



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: 11.03 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Tgt Ion: 136 Resp: 166685

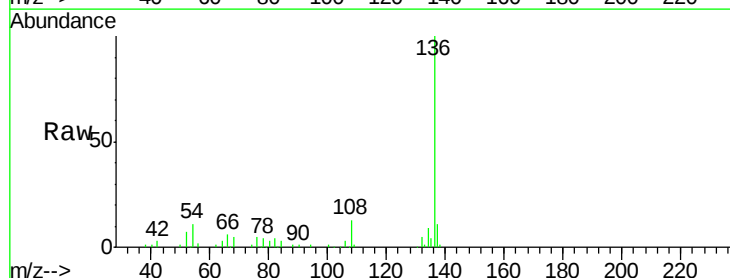
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.6

54 11.2 8.2 12.2

68 4.9 5.8 8.6#

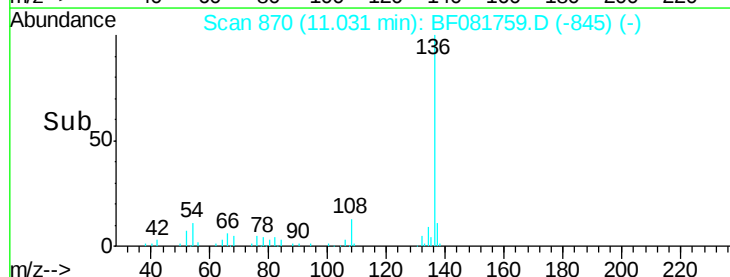
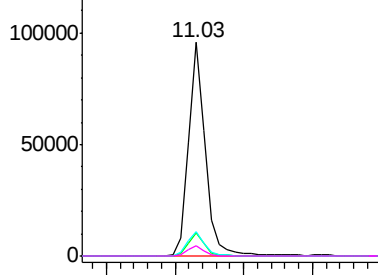


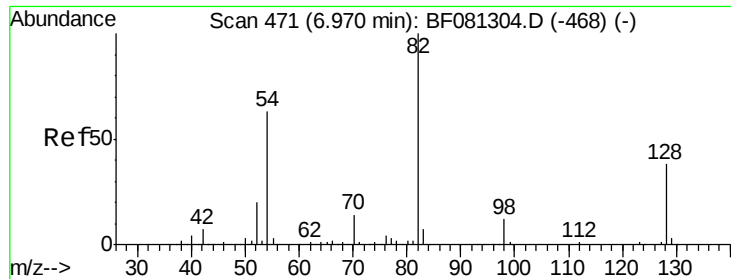
Abundance Ion 136.00 (135.70 to 136.70): E

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

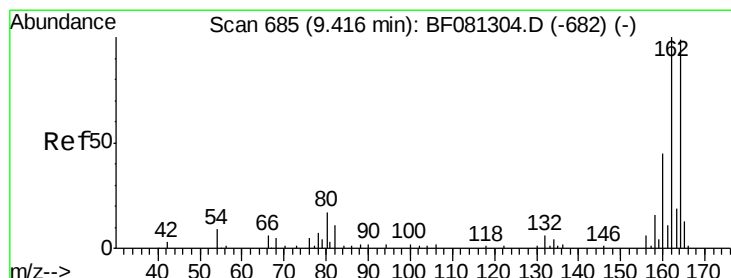
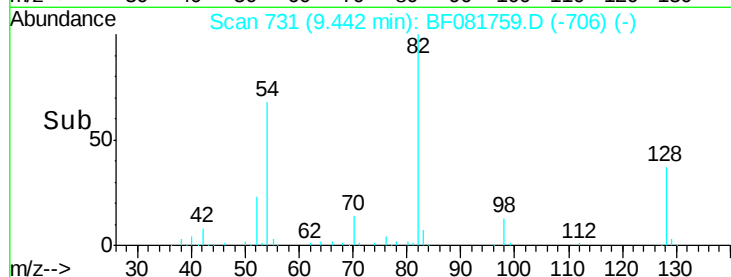
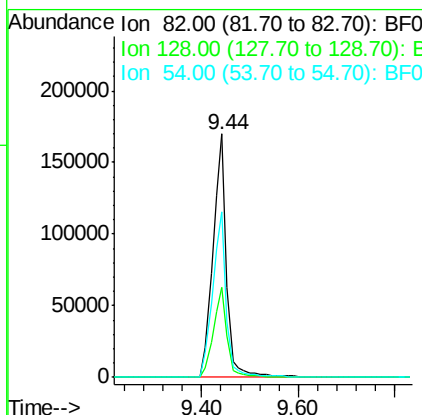
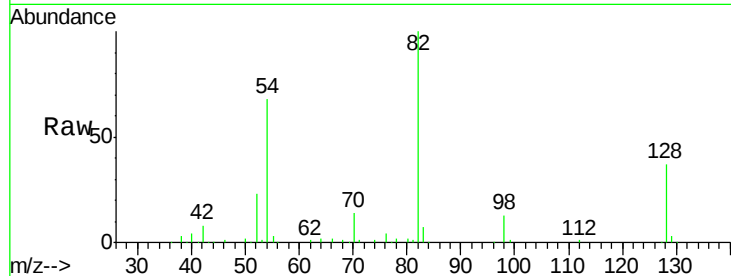




#23
 Nitrobenzene-d5
 Concen: 98.42 ng
 RT: 9.44 min Scan# 731
 Delta R.T. -0.01 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

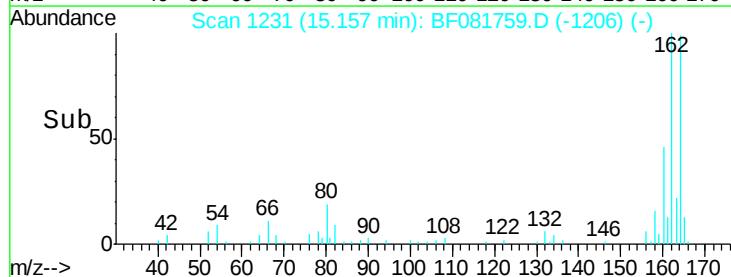
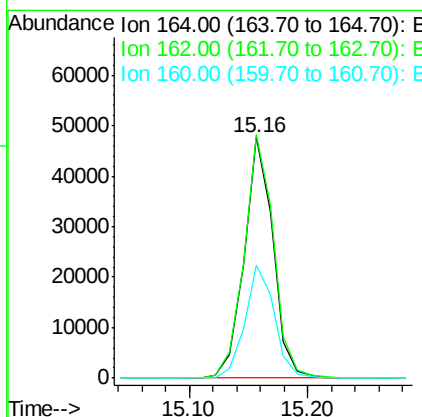
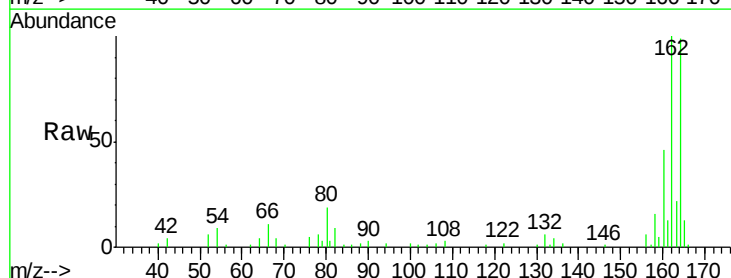
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-42-44

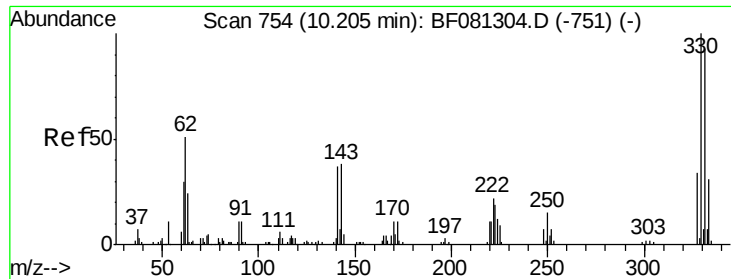
Tot Ion: 82 Resp: 340026
 Ion Ratio Lower Upper
 82 100
 128 37.2 51.0 76.6#
 54 68.2 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

Tgt Ion:164 Resp: 80498
 Ion Ratio Lower Upper
 164 100
 162 101.1 75.2 112.8
 160 46.7 31.5 47.3

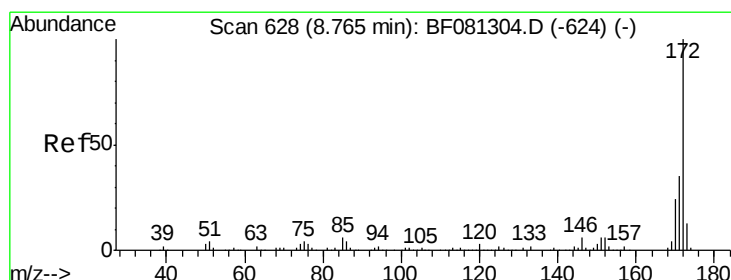
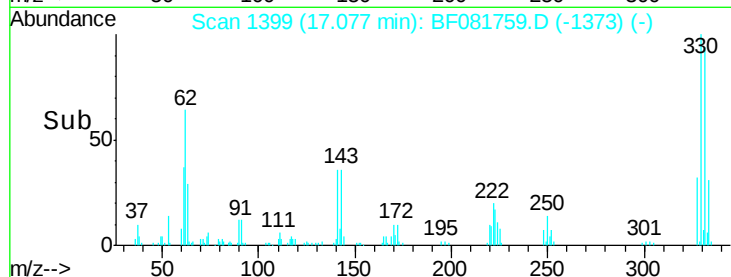
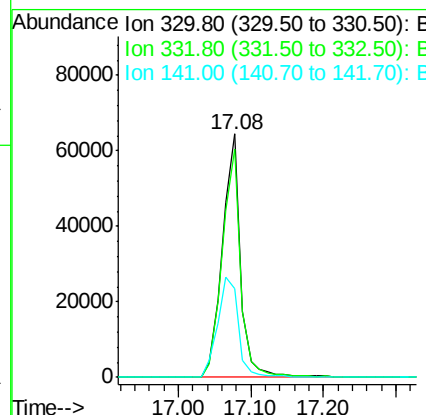
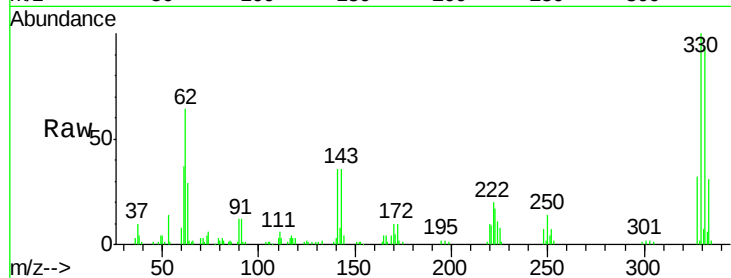




#41
 2,4,6-Tribromophenol
 Concen: 156.92 ng
 RT: 17.08 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

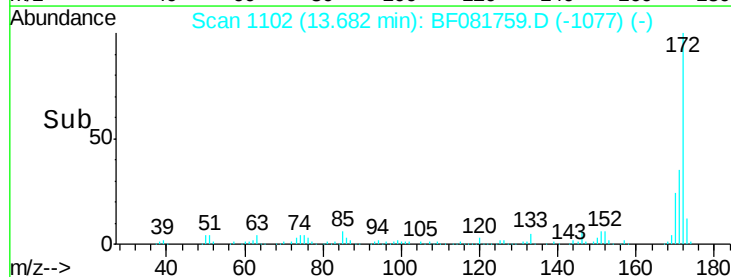
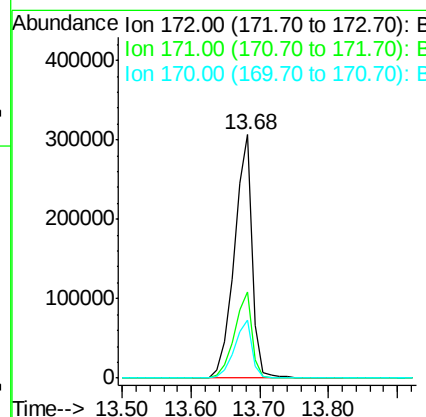
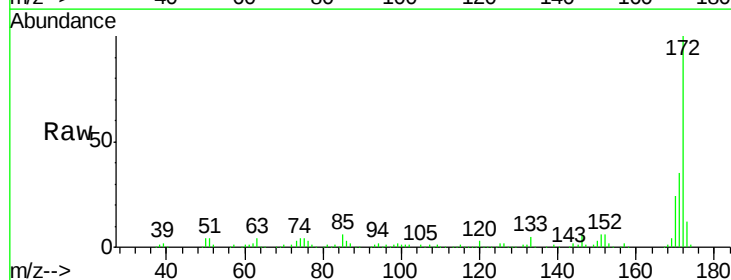
Instrument :
 BNA_F
 ClientSampleId :
 MGP202-42-44

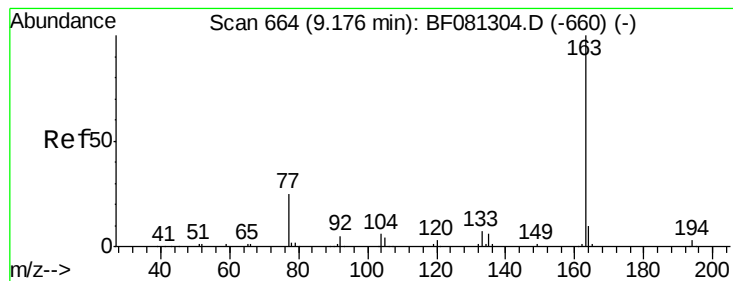
Tot Ion:330 Resp: 112476
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 47.1 29.7 44.5#



#44
 2-Fluorobiphenyl
 Concen: 89.39 ng
 RT: 13.68 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

Tgt Ion:172 Resp: 561509
 Ion Ratio Lower Upper
 172 100
 171 35.4 26.1 39.1
 170 24.0 17.4 26.2





#49

Dimethylphthalate

Concen: 23.07 ng

RT: 14.73 min Scan# 1194

Delta R.T. -0.05 min

Lab File: BF081759.D

Acq: 23 Sep 2015 7:05

Instrument :

BNA_F

ClientSampleId :

MGP202-42-44

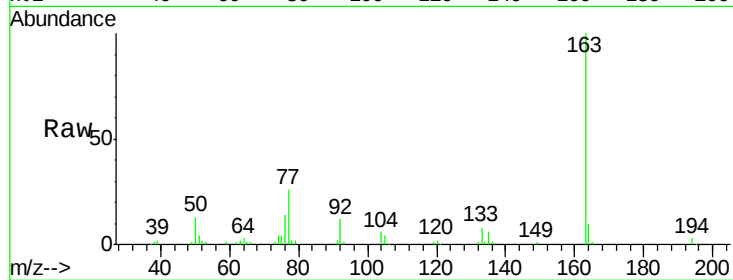
Tot Ion:163 Resp: 144294

Ion Ratio Lower Upper

163 100

194 3.2 4.4 6.6#

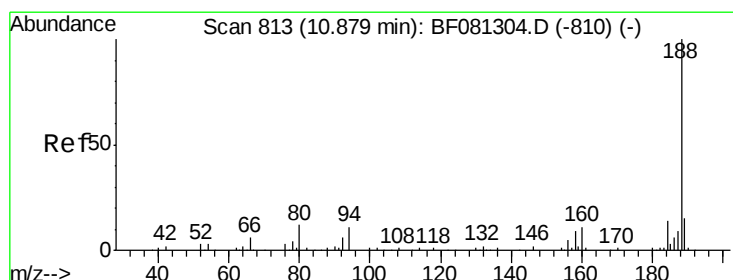
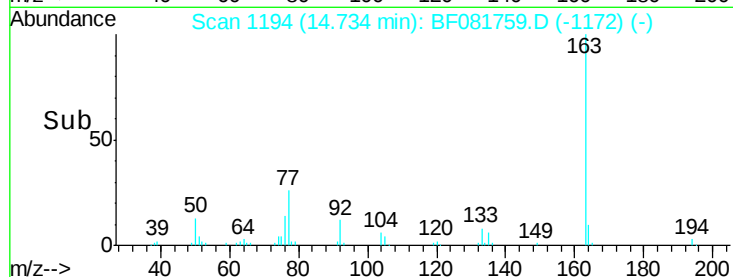
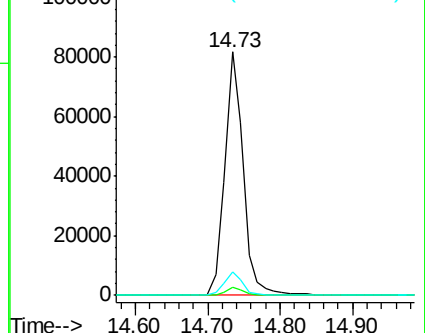
164 9.8 8.3 12.5



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: BF081759.D

Acq: 23 Sep 2015 7:05

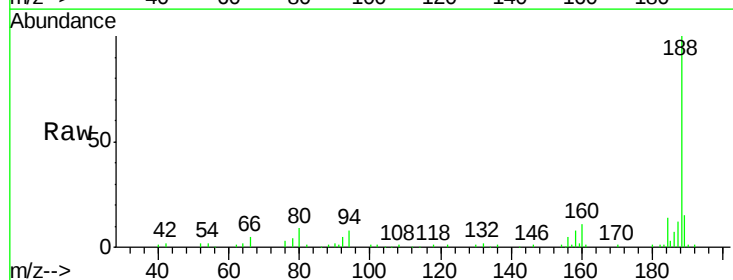
Tgt Ion:188 Resp: 160536

Ion Ratio Lower Upper

188 100

94 8.2 11.1 16.7#

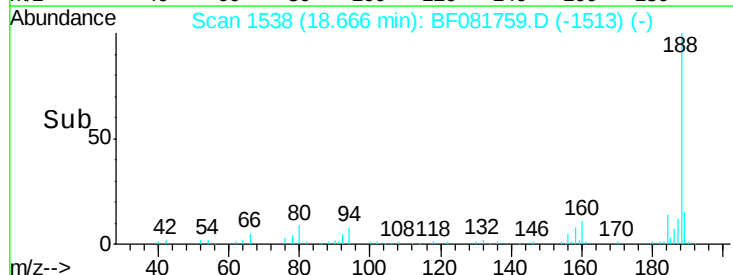
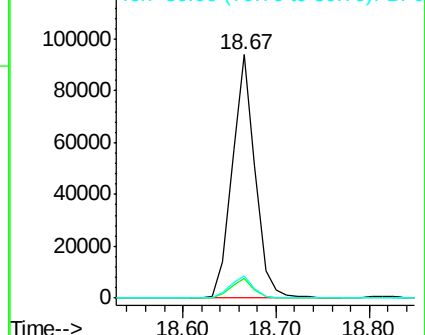
80 9.1 11.0 16.4#

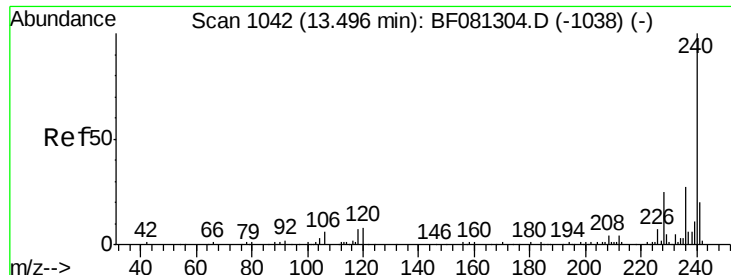


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

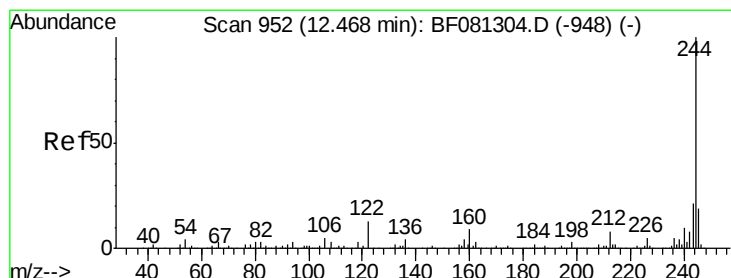
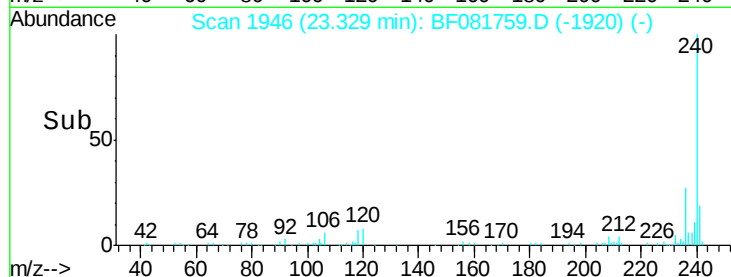
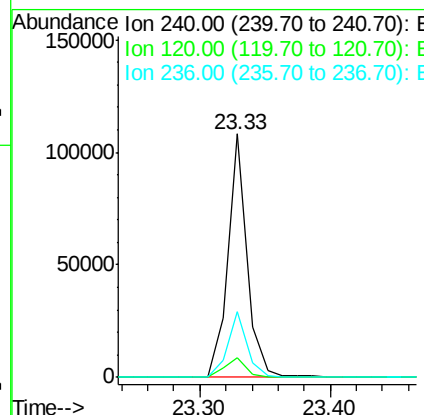
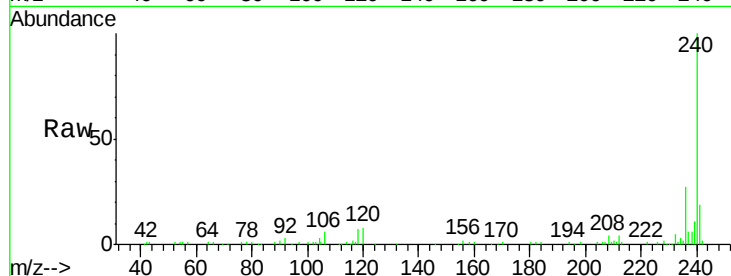




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 23.33 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

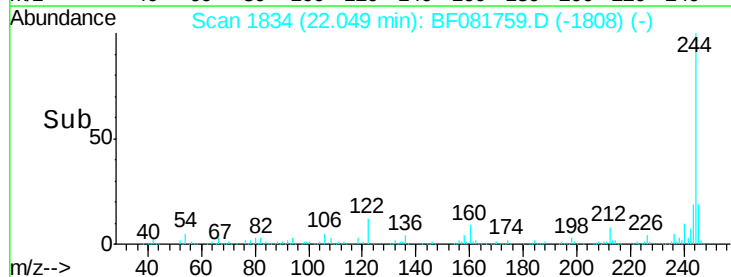
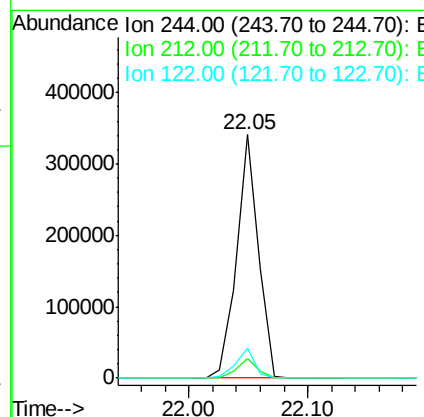
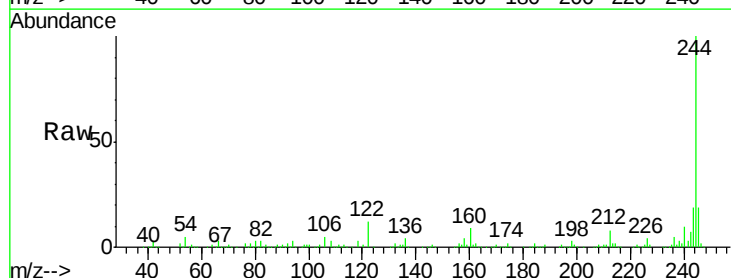
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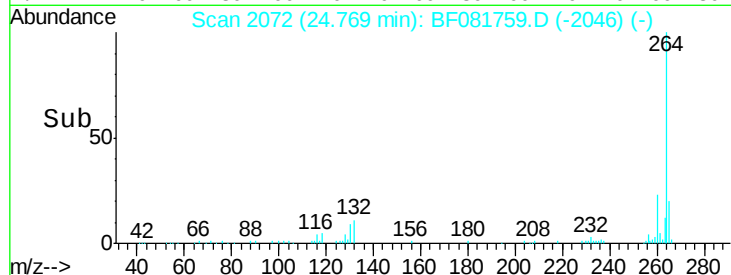
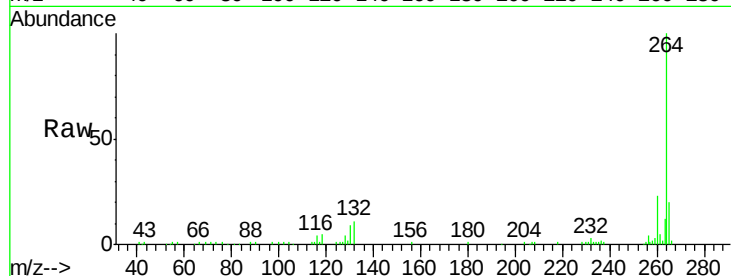
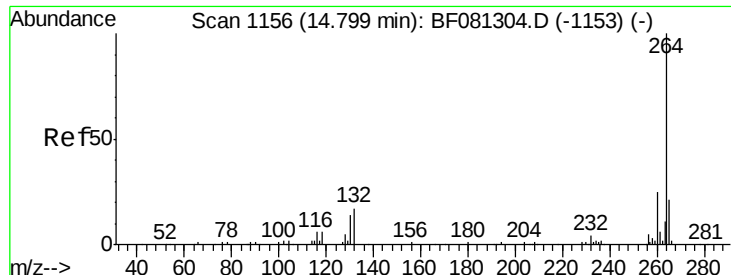
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.0	16.2	24.2#
236	26.8	18.4	27.6



#78
 Terphenyl-d14
 Concen: 90.68 ng
 RT: 22.05 min Scan# 1834
 Delta R.T. -0.00 min
 Lab File: BF081759.D
 Acq: 23 Sep 2015 7:05

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.3	6.5#
122	12.5	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: BF081759.D
 Acq: 23 Sep 2015 7:05

Instrument :
 BNA_F
 ClientSampleId :
 MGP202-42-44

Tot Ion:	264	Resp:	79921
Ion Ratio	Lower	Upper	
264	100		
260	23.0	16.7	25.1
265	20.3	17.2	25.8

