

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
 Data File : BF081788.D
 Acq On : 25 Sep 2015 5:07
 Operator : UM/IZ
 Sample : G3780-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Quant Time: Sep 25 07:14:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 07:13:40 2015
 Response via : Initial Calibration

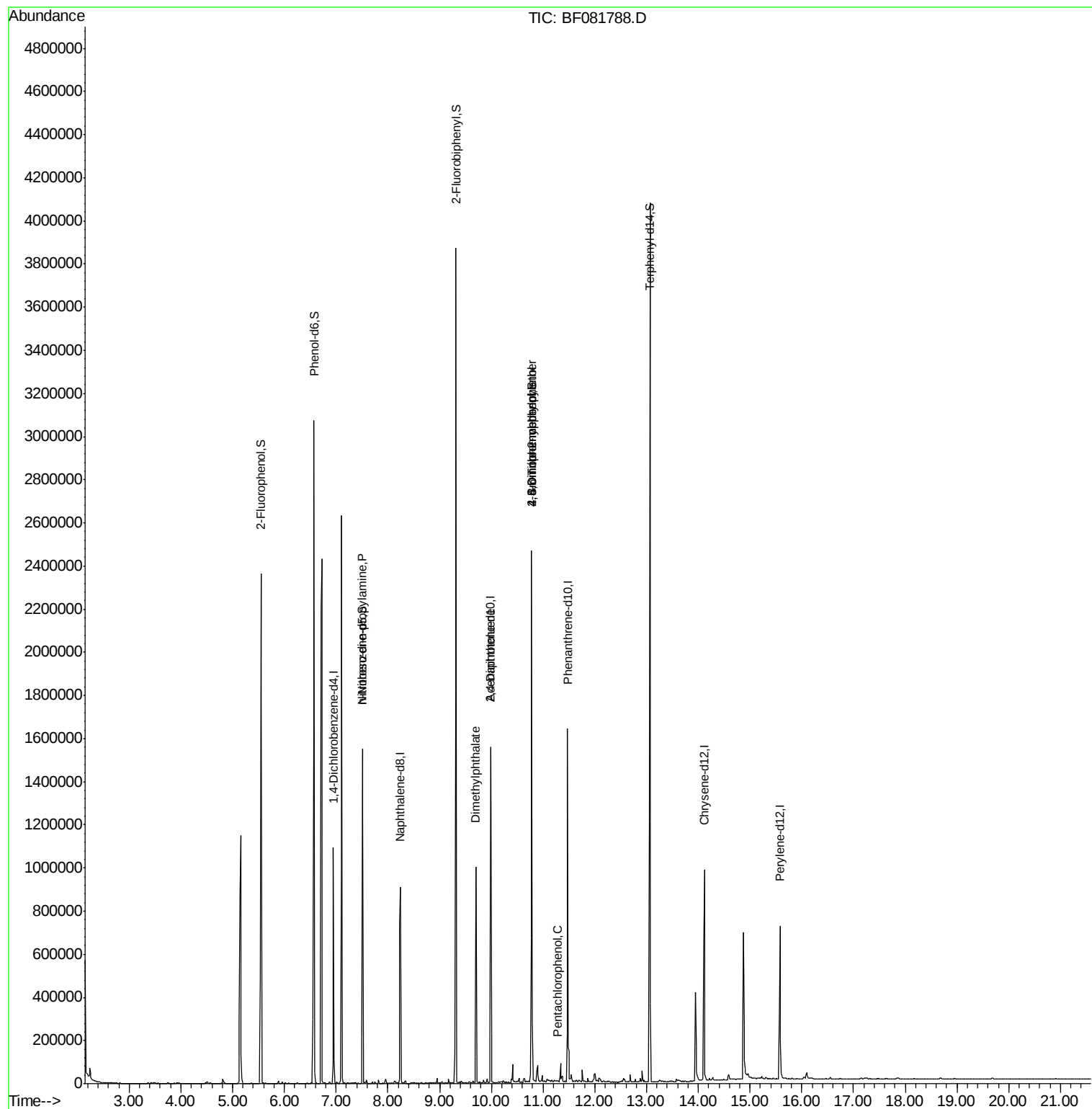
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	146811	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	572772	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	293533	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	549540	20.00	ng	0.00
75) Chrysene-d12	14.12	240	430597	20.00	ng	0.00
86) Perylene-d12	15.58	264	336925	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	905716	104.37	ng	0.00
7) Phenol-d6	6.57	99	1180639	107.56	ng	0.00
23) Nitrobenzene-d5	7.51	82	696309	80.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	282180	110.73	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1346081	75.28	ng	0.00
78) Terphenyl-d14	13.06	244	1272919	67.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	90937	12.43	ng	# 62
49) Dimethylphthalate	9.70	163	372973	16.70	ng	# 98
56) 2,4-Dinitrotoluene	9.99	165	39101	7.58	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.78	198	632	8.20	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	19763	3.23	ng	# 1
69) Pentachlorophenol	11.28	266	652	5.82	ng	# 55

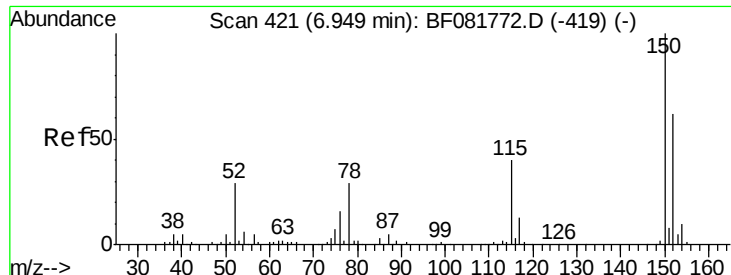
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

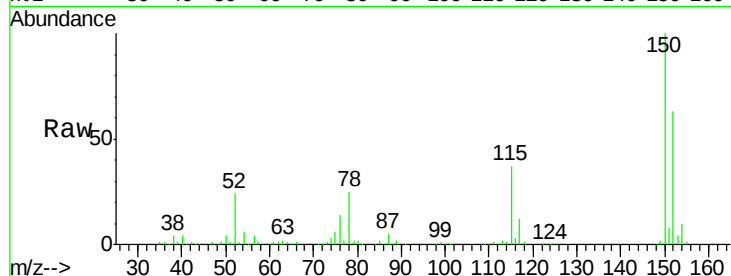
Tot Ion:152 Resp: 146811

Ion Ratio Lower Upper

152 100

150 159.0 124.7 187.1

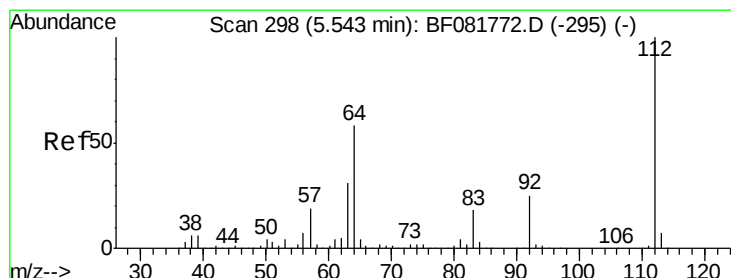
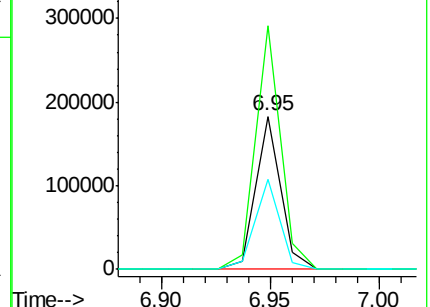
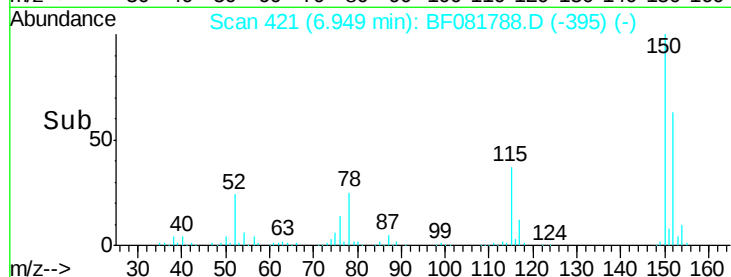
115 59.1 39.0 58.4#



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: 104.37 ng

RT: 5.54 min Scan# 298

Delta R.T. -0.00 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

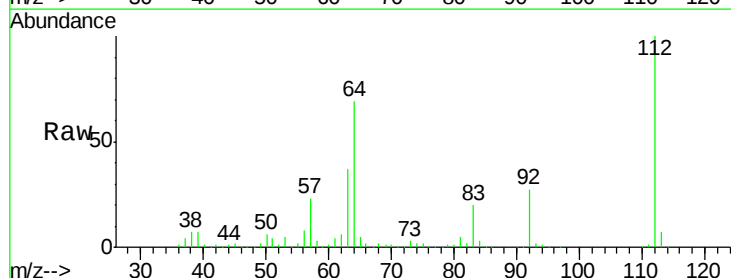
Tgt Ion:112 Resp: 905716

Ion Ratio Lower Upper

112 100

64 68.8 39.7 59.5#

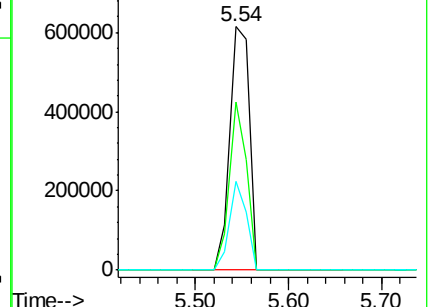
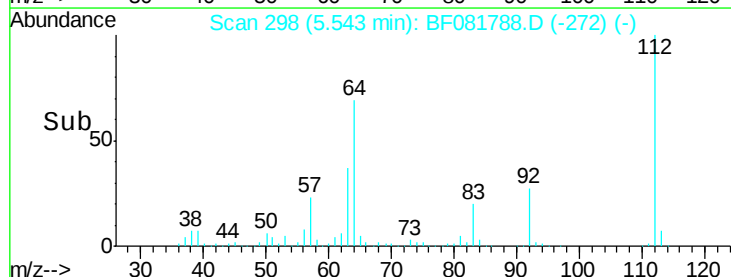
63 36.5 17.4 26.0#

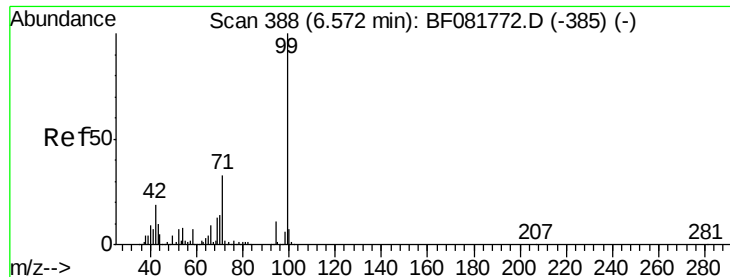


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.56 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

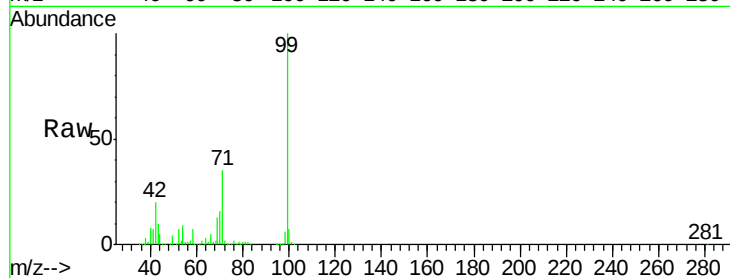
Tot Ion: 99 Resp: 1180639

Ion Ratio Lower Upper

99 100

42 19.6 13.7 20.5

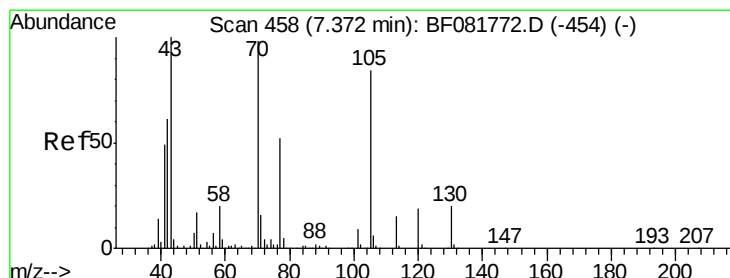
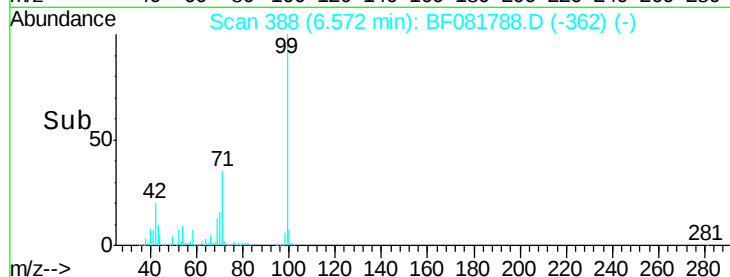
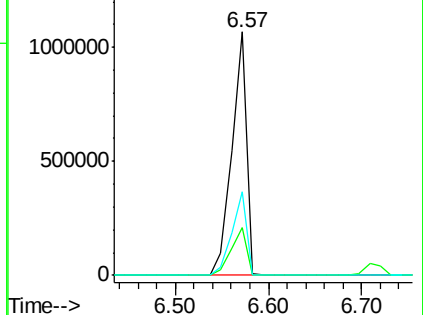
71 34.5 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.43 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

Tgt Ion: 70 Resp: 90937

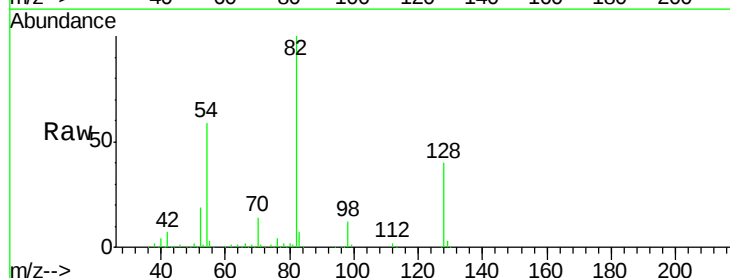
Ion Ratio Lower Upper

70 100

42 51.5 63.8 95.6#

101 0.0 9.2 13.8#

130 1.9 27.3 40.9#

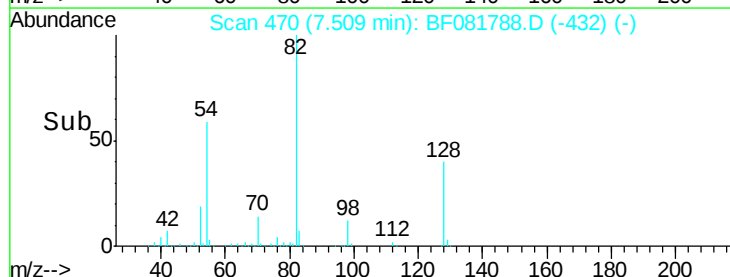
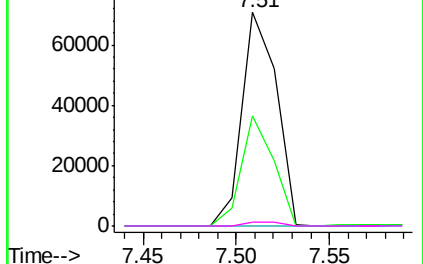


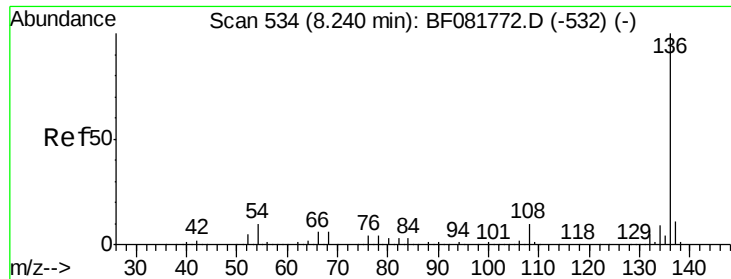
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

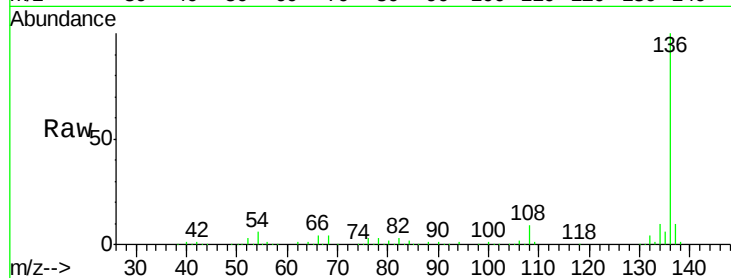




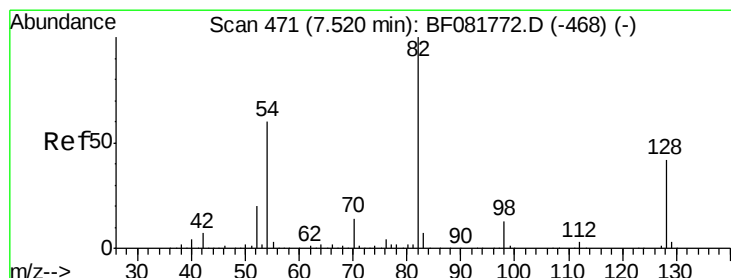
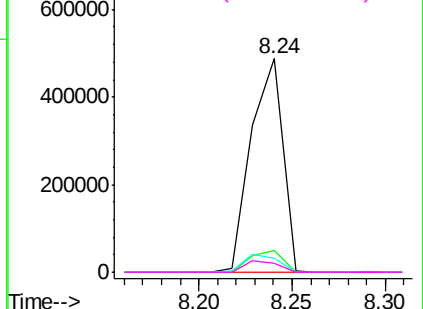
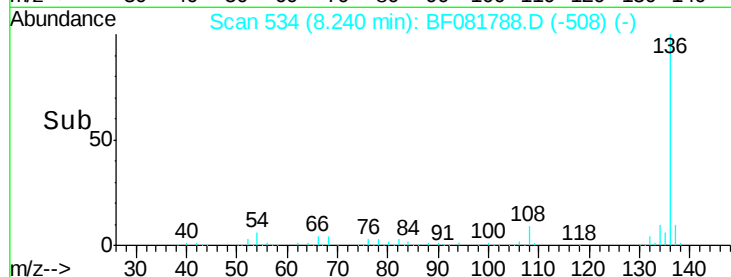
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

Tot Ion:136	Resp:	572772
Ion Ratio	Lower	Upper
136 100		
137 10.5	9.0	13.6
54 6.3	8.2	12.2#
68 4.2	5.8	8.6#

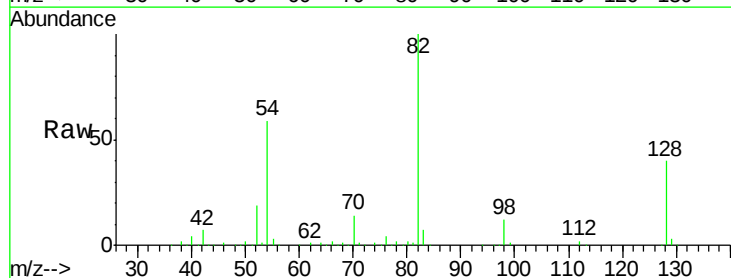


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

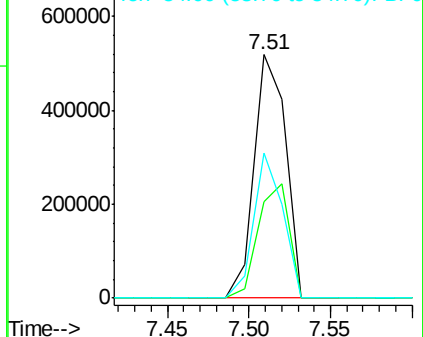
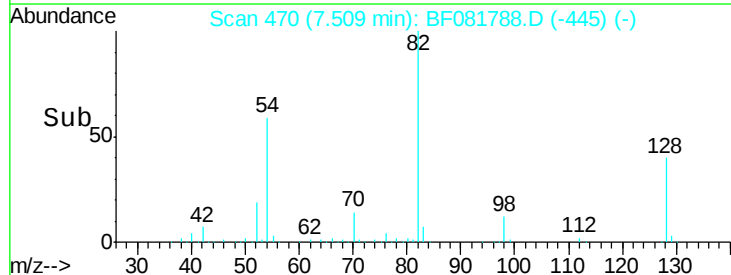


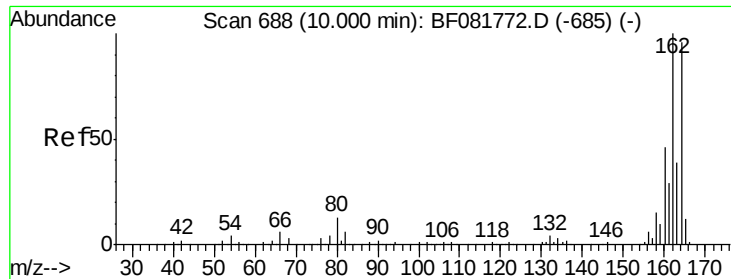
#23
Nitrobenzene-d5
Concen: 80.21 ng
RT: 7.51 min Scan# 470
Delta R.T. -0.01 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

Tgt Ion: 82	Resp:	696309
Ion Ratio	Lower	Upper
82 100		
128 39.8	51.0	76.6#
54 59.4	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

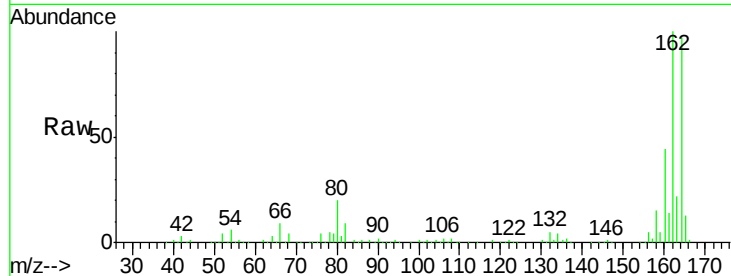




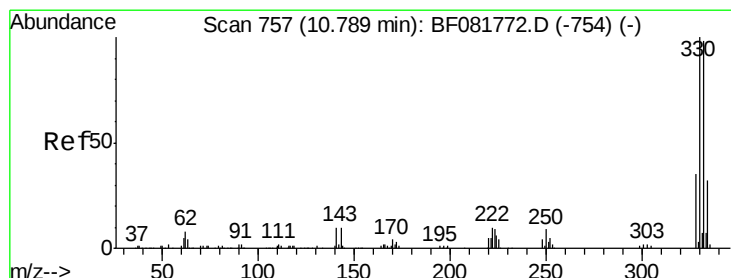
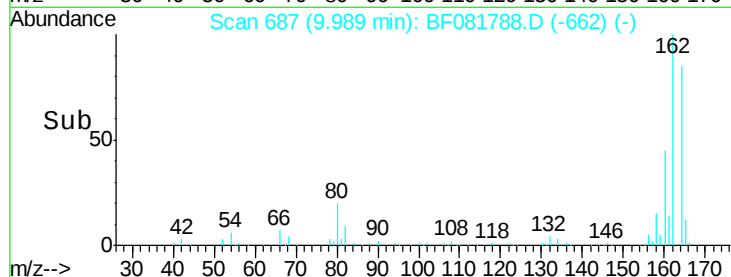
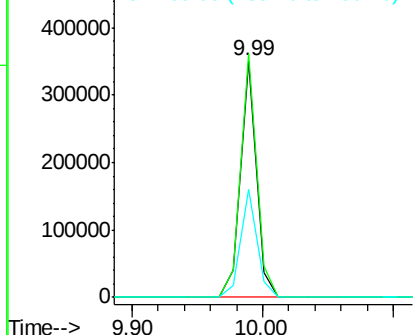
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.01 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

Tot Ion:164 Resp: 293533
Ion Ratio Lower Upper
164 100
162 103.1 75.2 112.8
160 45.6 31.5 47.3

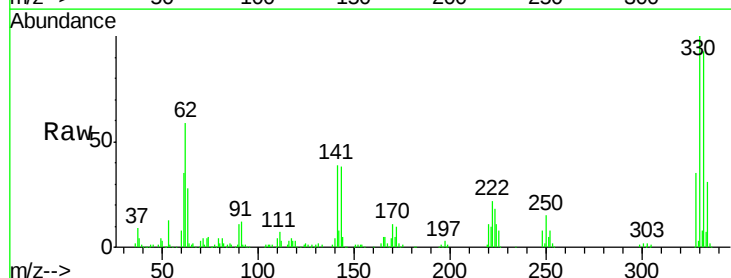


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

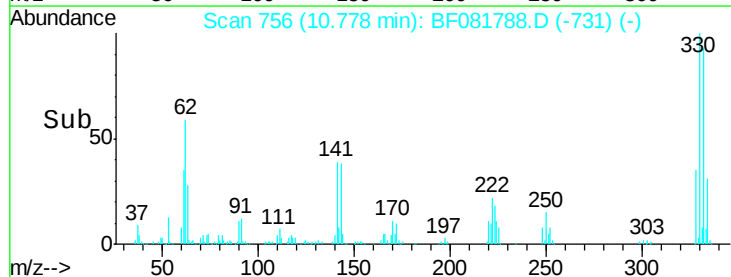
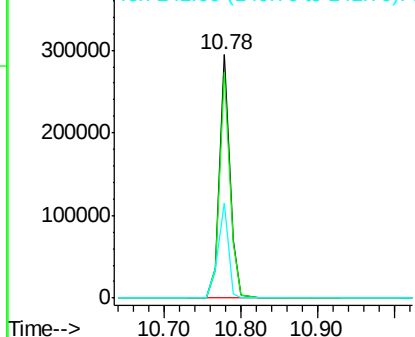


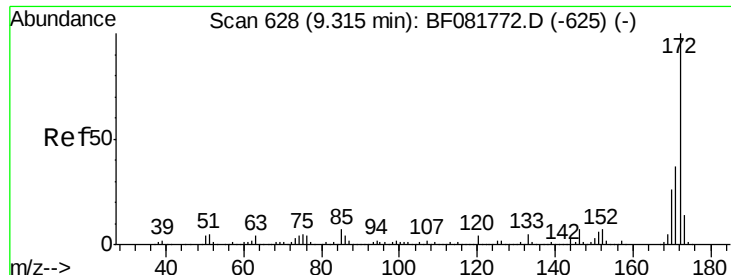
#41
2,4,6-Tribromophenol
Concen: 110.73 ng
RT: 10.78 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

Tgt Ion:330 Resp: 282180
Ion Ratio Lower Upper
330 100
332 93.4 76.6 114.8
141 38.7 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

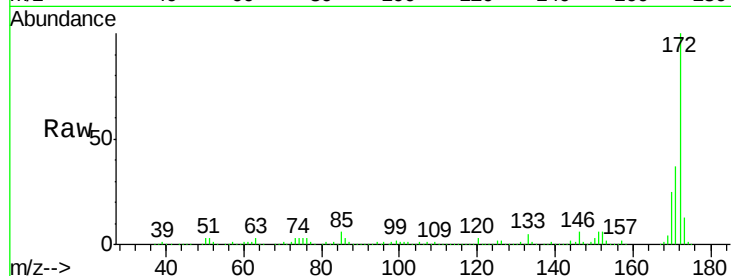




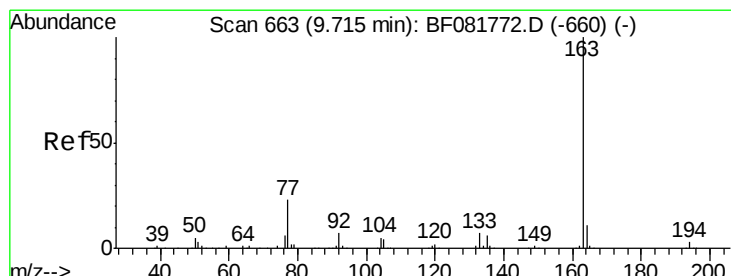
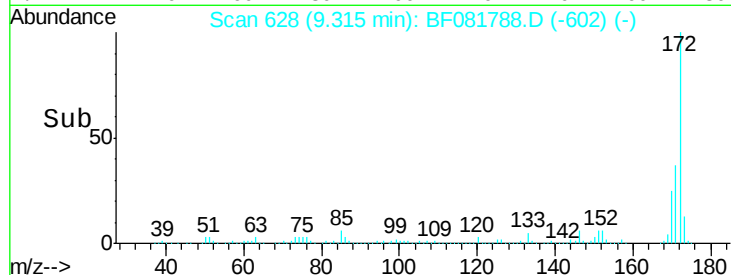
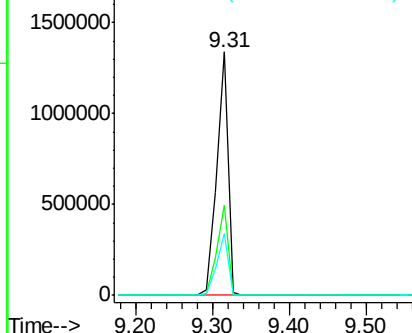
#44
 2-Fluorobiphenyl
 Concen: 75.28 ng
 RT: 9.31 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF081788.D
 Acq: 25 Sep 2015 5:07

Instrument :
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 ClientSampleId :
 MGP201-40-41

Tot Ion:172 Resp: 1346081
 Ion Ratio Lower Upper
 172 100
 171 37.2 26.1 39.1
 170 25.3 17.4 26.2

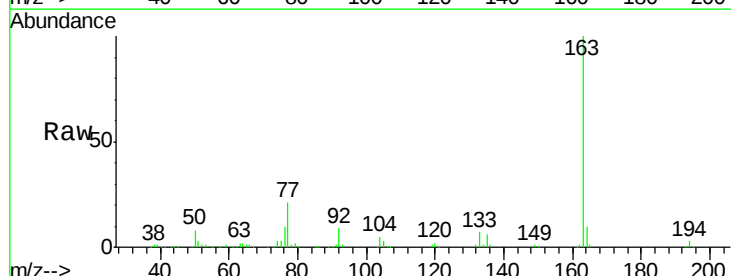


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

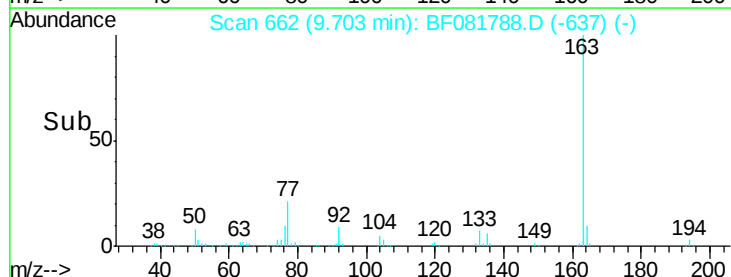
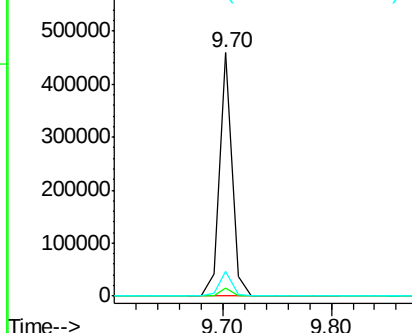


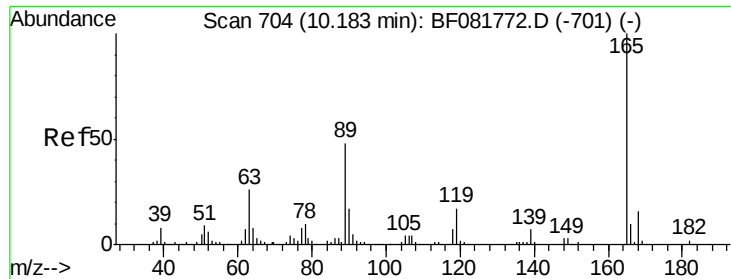
#49
 Dimethylphthalate
 Concen: 16.70 ng
 RT: 9.70 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF081788.D
 Acq: 25 Sep 2015 5:07

Tgt Ion:163 Resp: 372973
 Ion Ratio Lower Upper
 163 100
 194 3.4 4.4 6.6#
 164 10.3 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

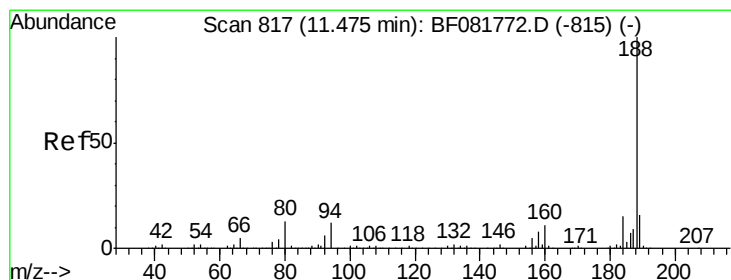
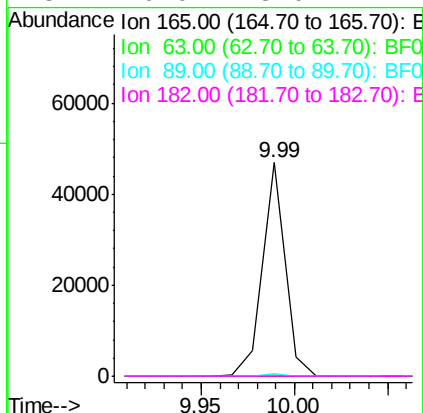
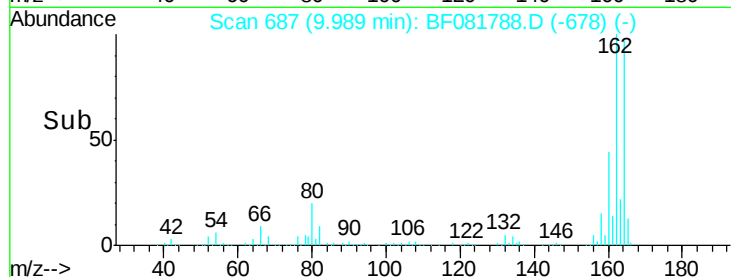
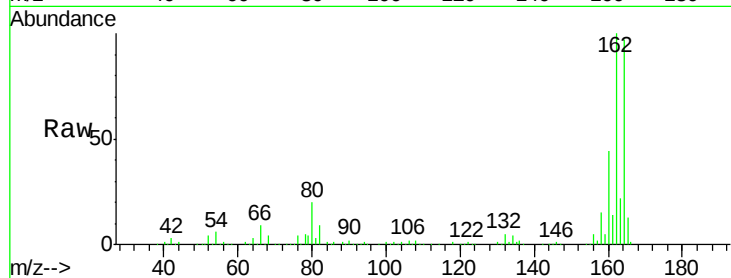




#56
2,4-Dinitrotoluene
Concen: 7.58 ng
RT: 9.99 min Scan# 687
Delta R.T. -0.19 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

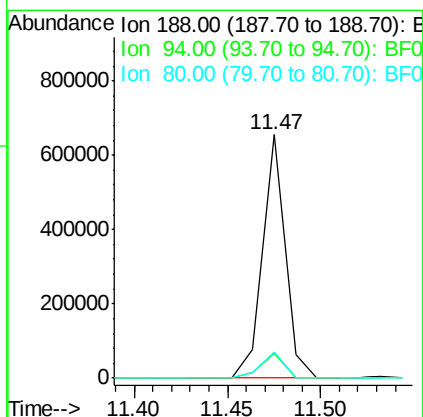
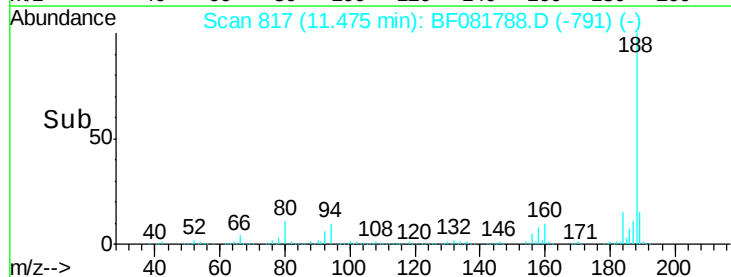
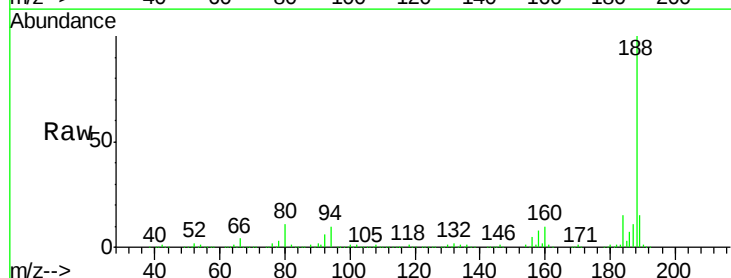
Instrument :
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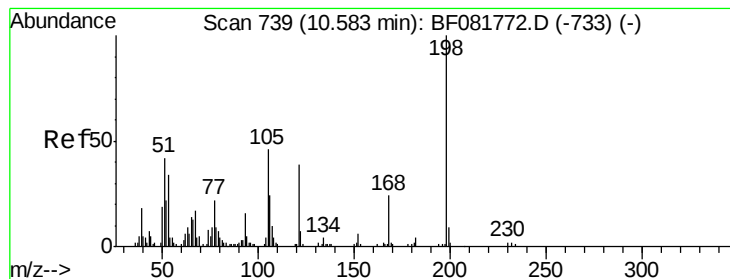
Tot Ion:165	Resp:	39101
Ion Ratio	Lower	Upper
165	100	
63	0.9	29.8 44.6#
89	1.2	44.5 66.7#
182	0.0	3.0 4.4#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. -0.00 min
Lab File: BF081788.D
Acq: 25 Sep 2015 5:07

Tgt Ion:188	Resp:	549540
Ion Ratio	Lower	Upper
188	100	
94	9.9	11.1 16.7#
80	10.6	11.0 16.4#





#64

4,6-Dinitro-2-methylphenol

Concen: 8.20 ng

RT: 10.78 min Scan# 756

Delta R.T. 0.19 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

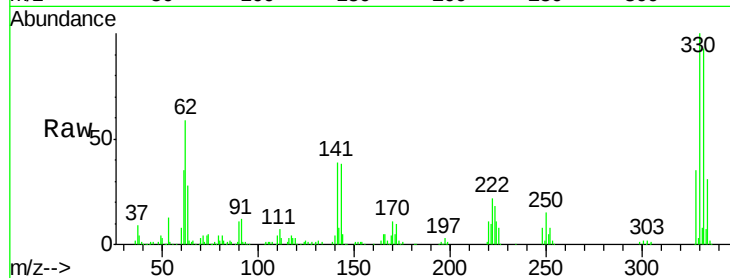
Tot Ion:198 Resp: 632

Ion Ratio Lower Upper

198 100

51 158.2 39.6 79.6#

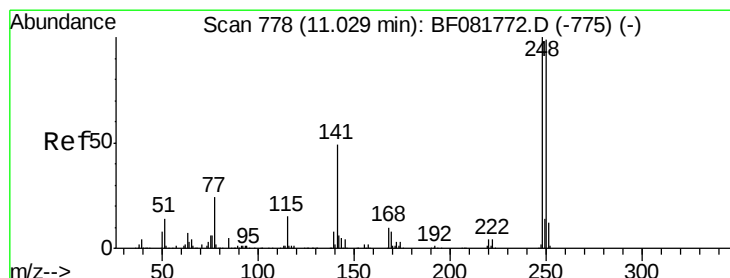
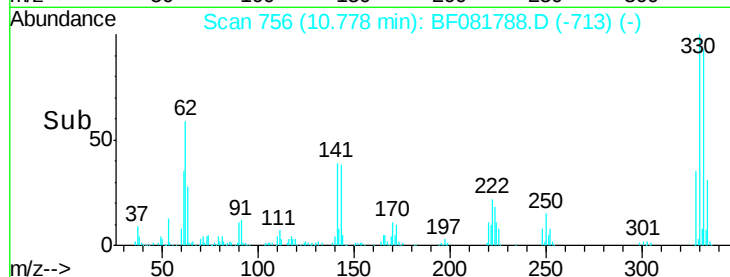
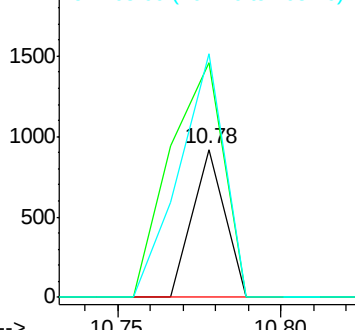
105 164.4 28.5 68.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.23 ng

RT: 10.78 min Scan# 756

Delta R.T. -0.25 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

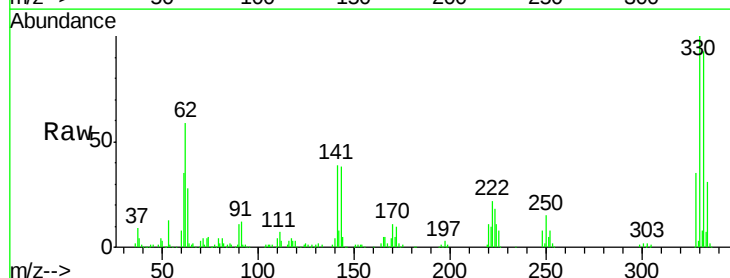
Tgt Ion:248 Resp: 19763

Ion Ratio Lower Upper

248 100

250 192.6 78.5 117.7#

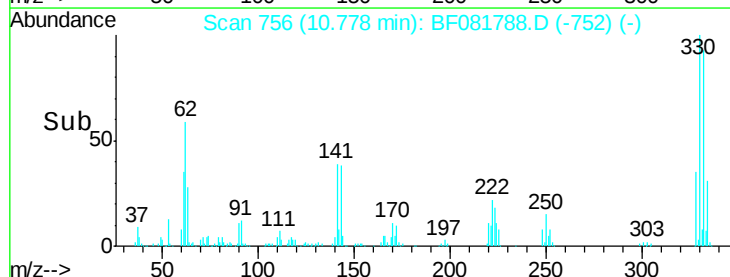
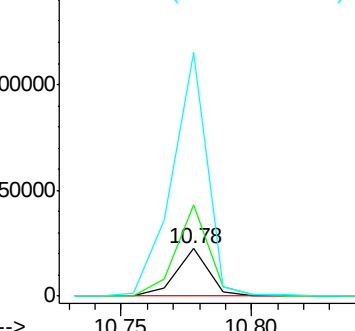
141 512.3 59.0 88.6#

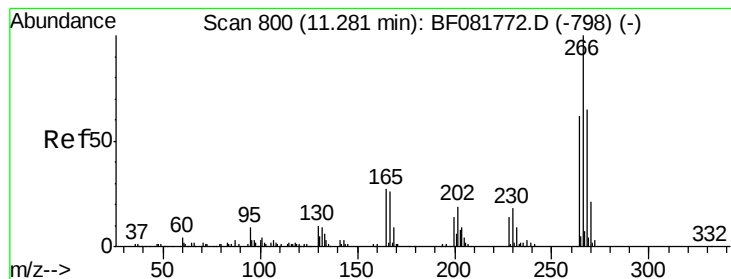


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#69

Pentachlorophenol

Concen: 5.82 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

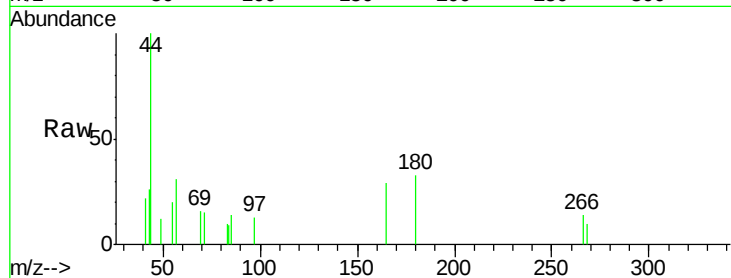
Tot Ion:266 Resp: 652

Ion Ratio Lower Upper

266 100

268 68.2 49.8 74.6

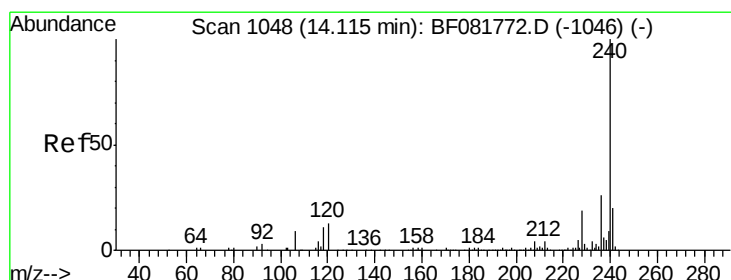
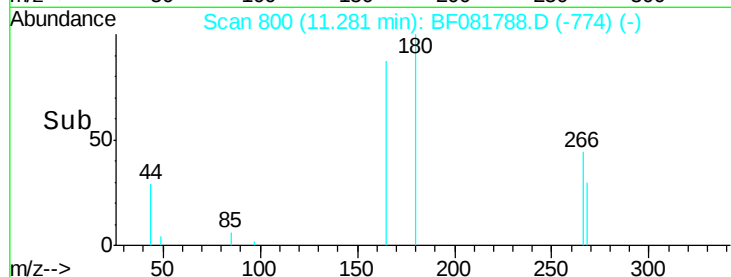
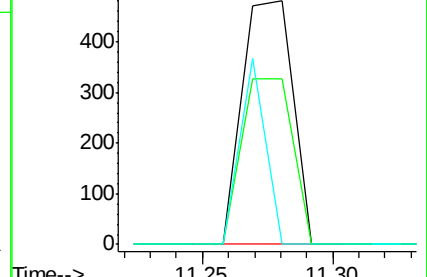
264 0.0 50.2 75.2#



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF081788.D

Acq: 25 Sep 2015 5:07

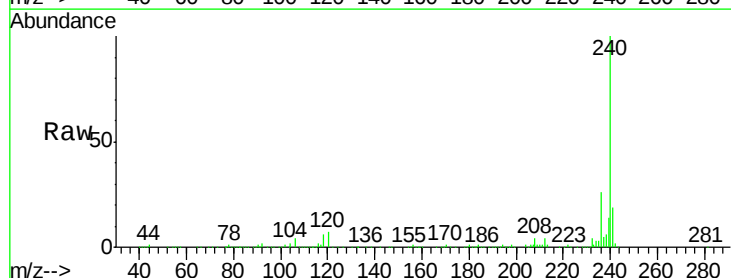
Tgt Ion:240 Resp: 430597

Ion Ratio Lower Upper

240 100

120 6.7 16.2 24.2#

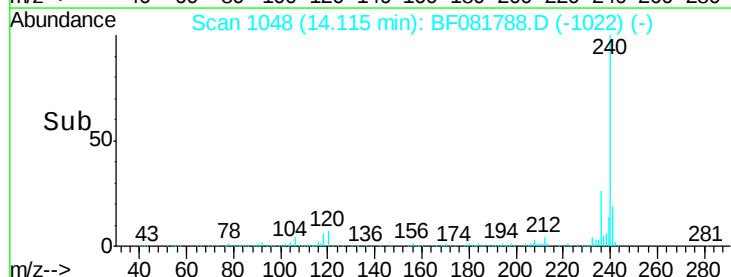
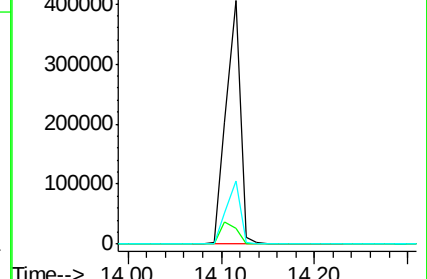
236 26.1 18.4 27.6

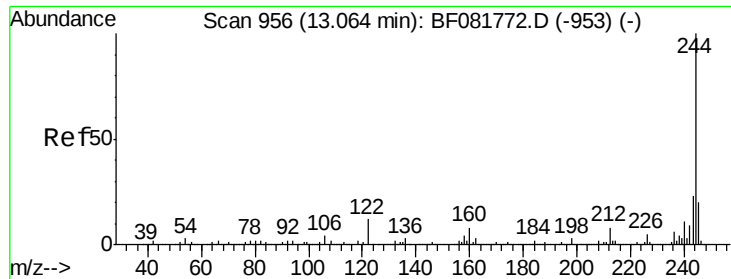


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

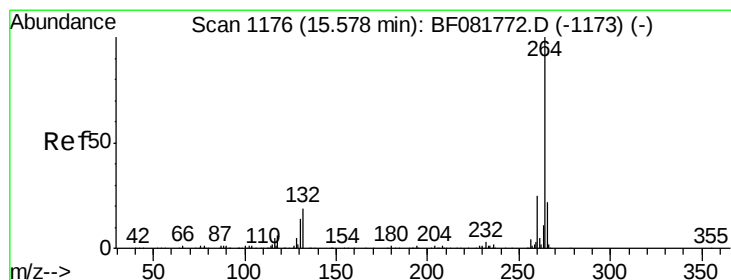
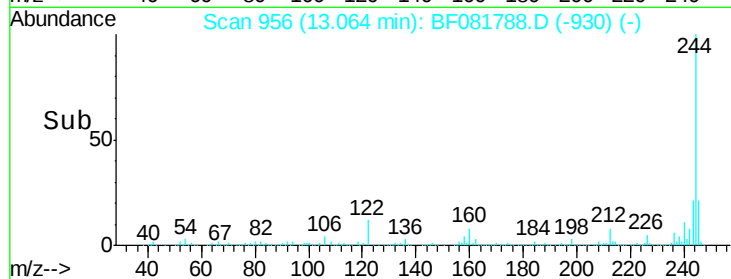
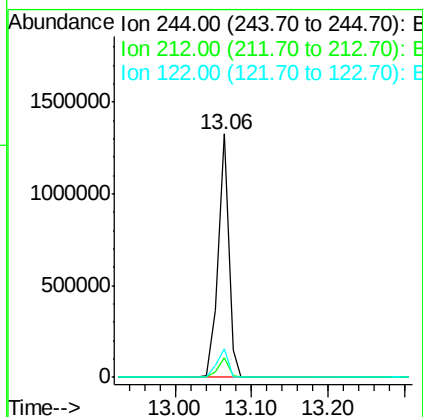
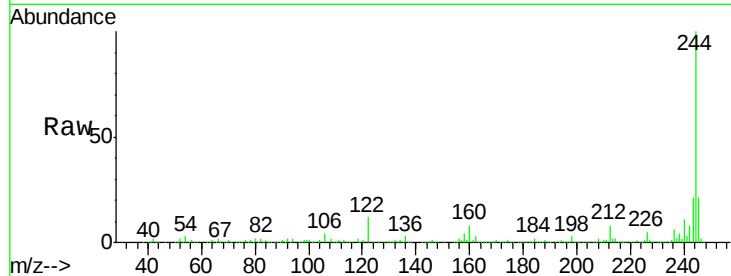




#78
 Terphenyl-d14
 Concen: 67.53 ng
 RT: 13.06 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF081788.D
 Acq: 25 Sep 2015 5:07

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Tot Ion:244 Resp: 1272919
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 11.6 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.58 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF081788.D
 Acq: 25 Sep 2015 5:07

Tgt Ion:264 Resp: 336925
 Ion Ratio Lower Upper
 264 100
 260 23.9 16.7 25.1
 265 20.9 17.2 25.8

