

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
 Data File : BF081787.D
 Acq On : 25 Sep 2015 4:37
 Operator : UM/IZ
 Sample : G3708-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Quant Time: Sep 25 07:14:19 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

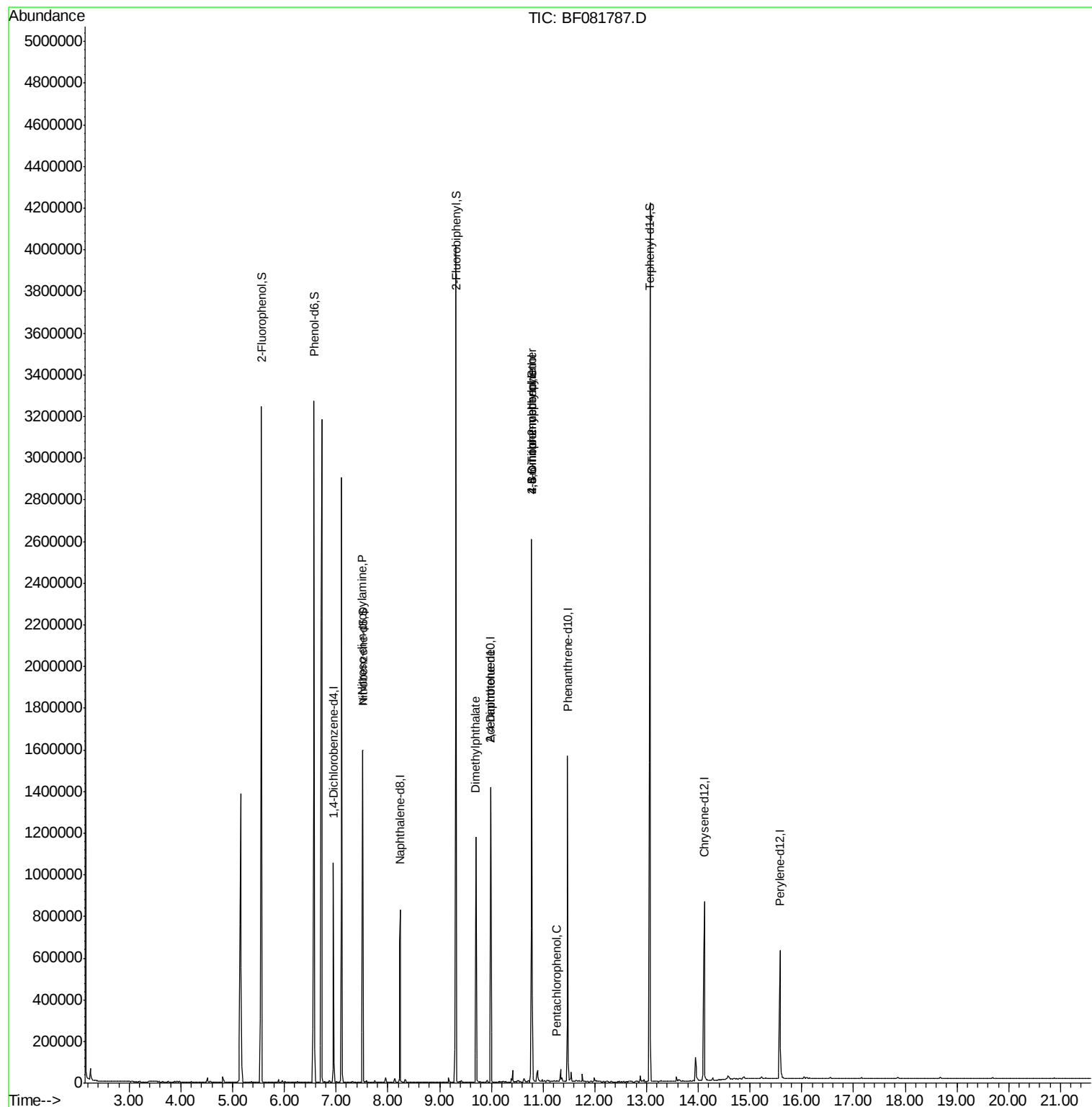
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	139255	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	527483	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	271504	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	529906	20.00	ng	0.00
75) Chrysene-d12	14.12	240	399369	20.00	ng	0.00
86) Perylene-d12	15.58	264	318722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1025174	124.54	ng	0.01
7) Phenol-d6	6.57	99	1187133	114.02	ng	0.00
23) Nitrobenzene-d5	7.52	82	787822	98.54	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	311848	132.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1389635	84.02	ng	0.00
78) Terphenyl-d14	13.06	244	1349572	77.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	105004	15.13	ng	# 63
49) Dimethylphthalate	9.70	163	448174	21.69	ng	# 97
56) 2,4-Dinitrotoluene	9.99	165	34045	7.13	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.78	198	533	8.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	21269	3.60	ng	# 1
69) Pentachlorophenol	11.27	266	800	5.86	ng	84

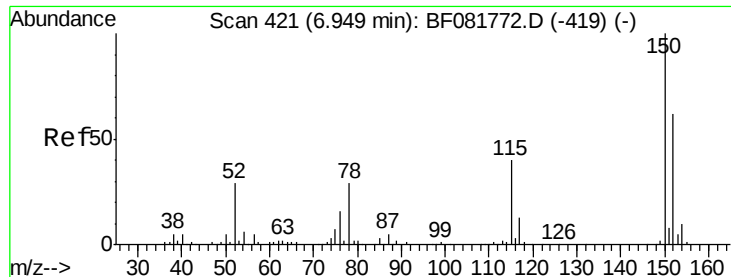
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 25 07:13:40 2015
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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: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

MGP201-36-38

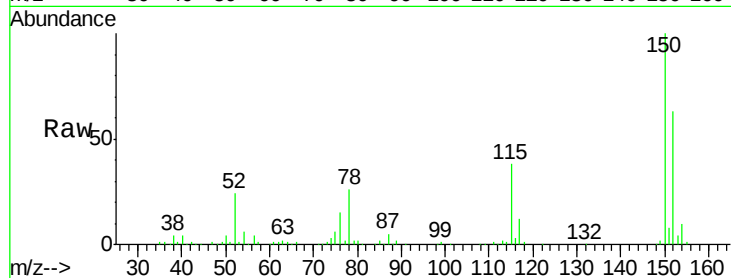
Tot Ion:152 Resp: 139255

Ion Ratio Lower Upper

152 100

150 158.1 124.7 187.1

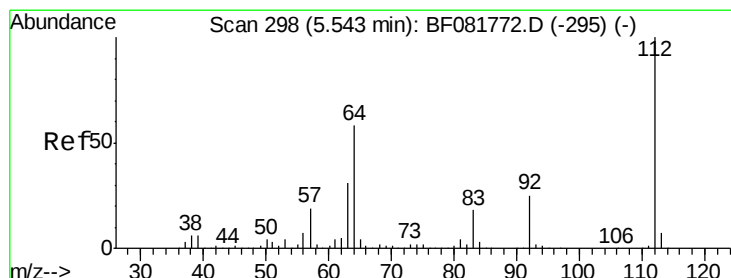
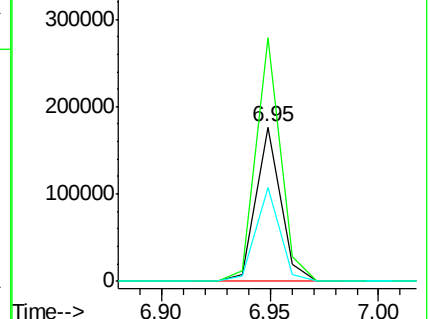
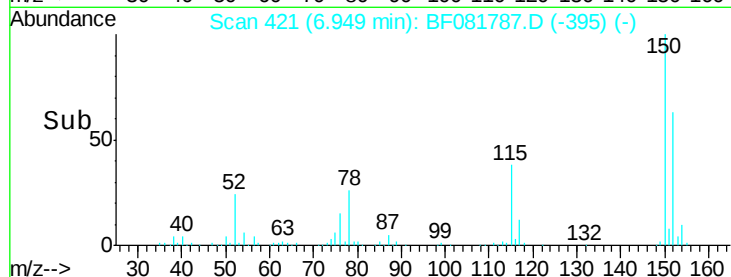
115 60.8 39.0 58.4#



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: 124.54 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

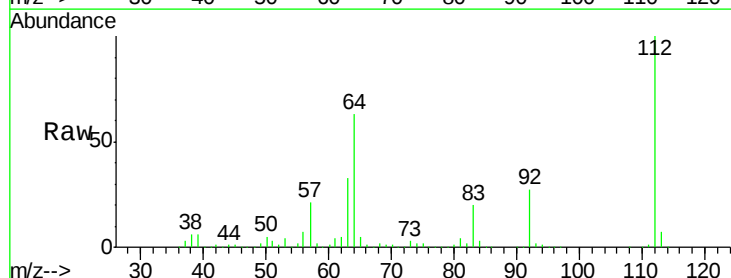
Tgt Ion:112 Resp: 1025174

Ion Ratio Lower Upper

112 100

64 62.5 39.7 59.5#

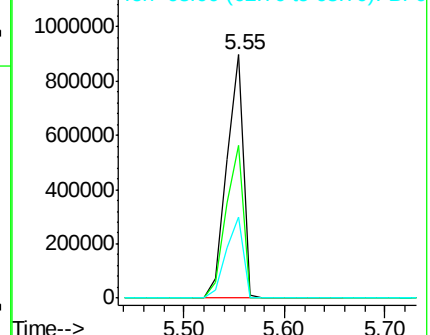
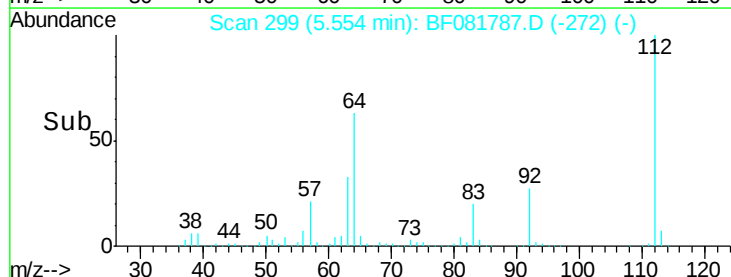
63 33.4 17.4 26.0#

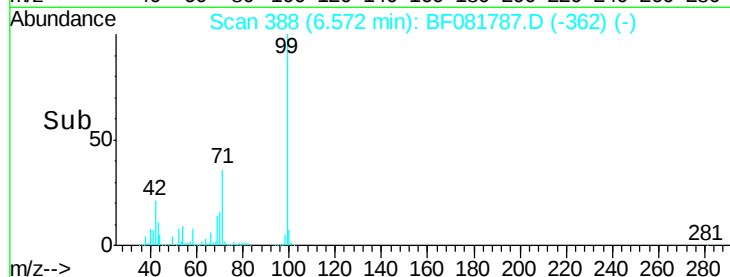
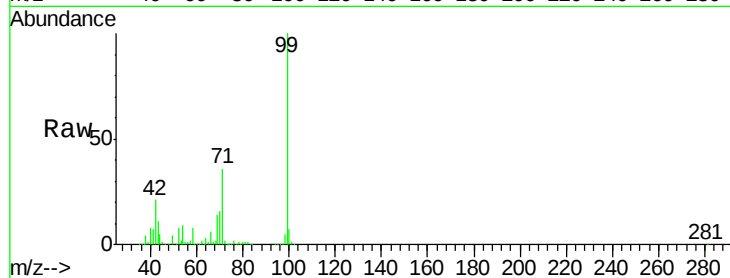
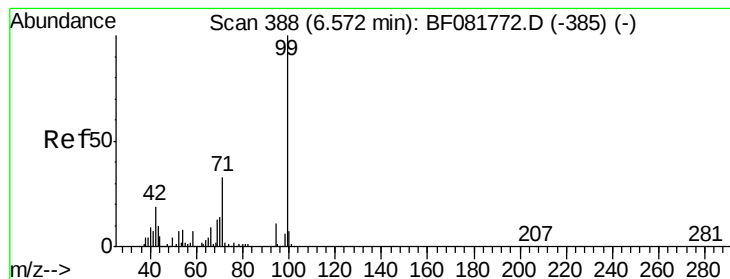


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.02 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

MGP201-36-38

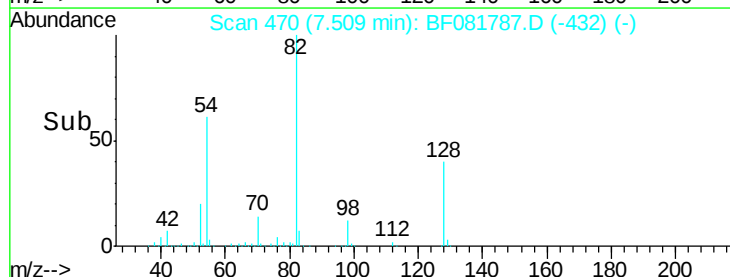
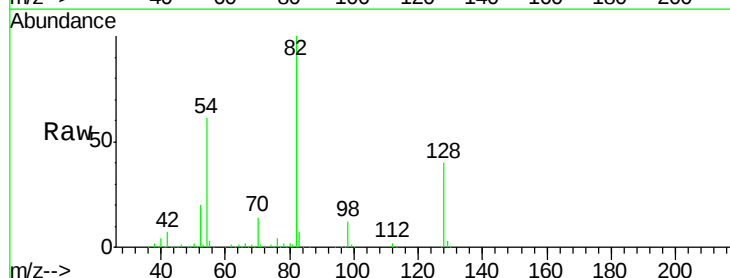
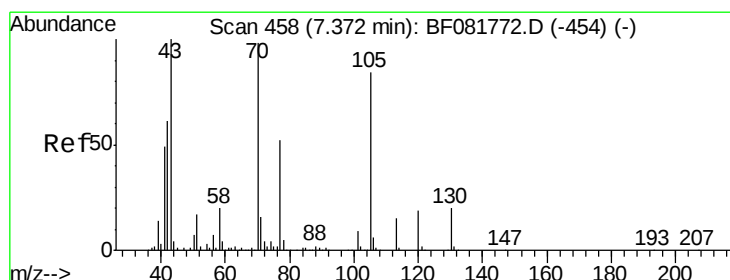
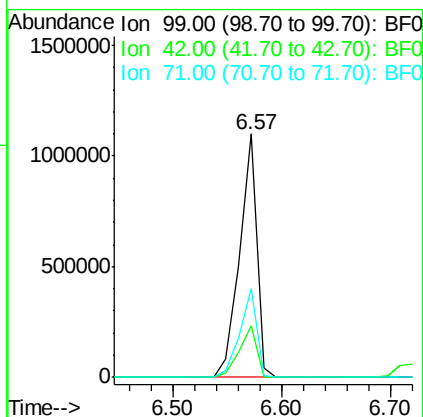
Tot Ion: 99 Resp: 1187133

Ion Ratio Lower Upper

99 100

42 21.4 13.7 20.5#

71 36.2 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 15.13 ng

RT: 7.51 min Scan# 470

Delta R.T. 0.14 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Tgt Ion: 70 Resp: 105004

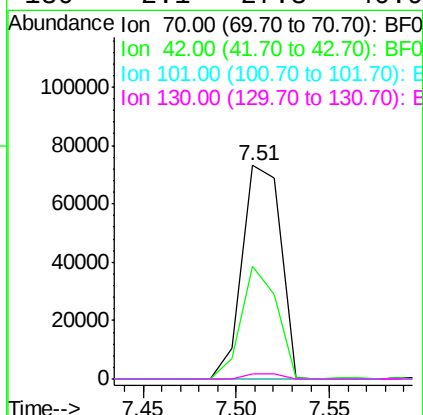
Ion Ratio Lower Upper

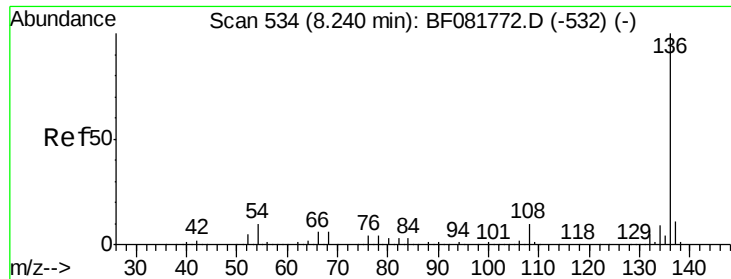
70 100

42 53.0 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

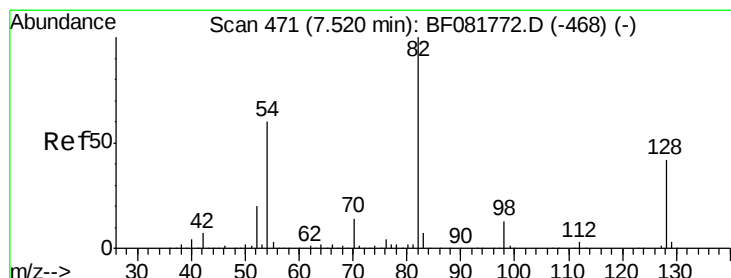
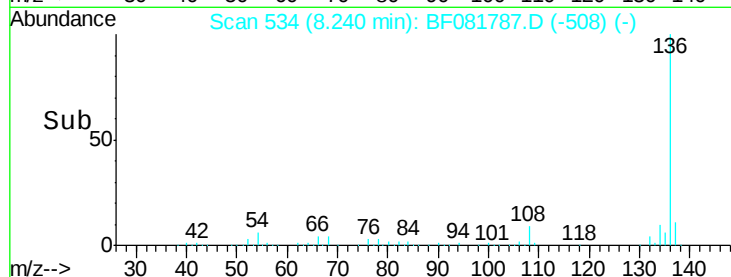
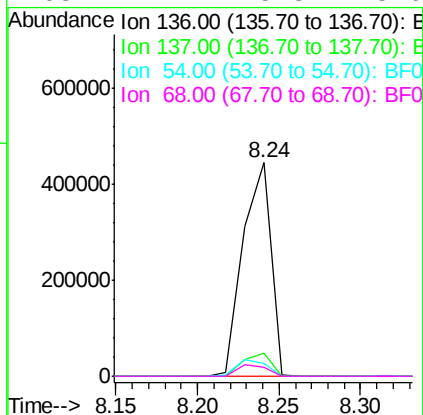
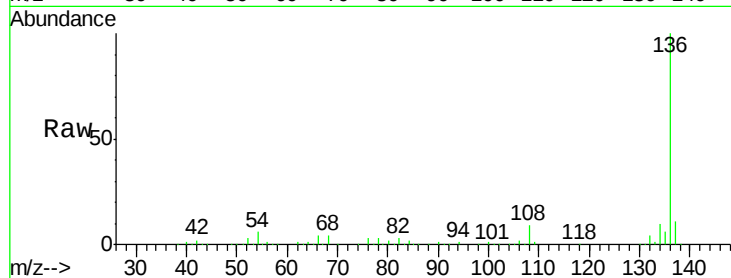




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

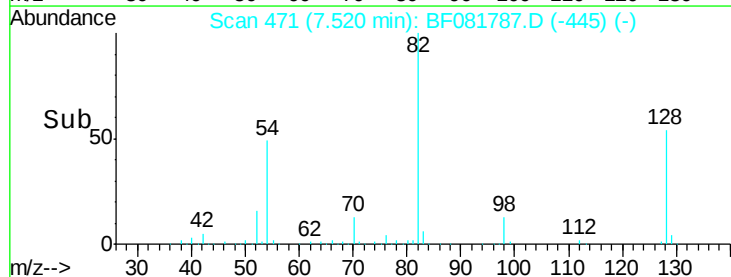
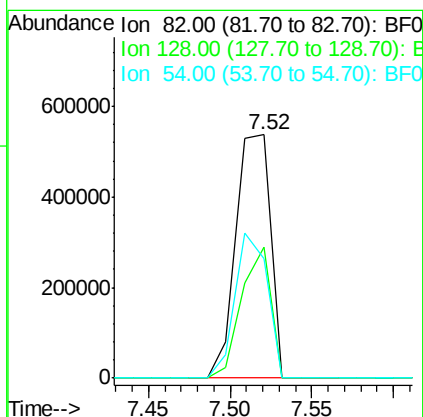
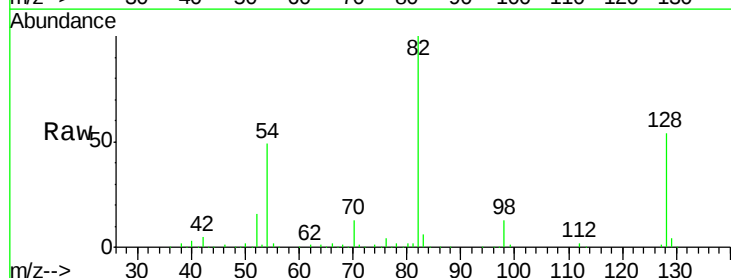
Instrument :
BNA_F
ClientSampleId :
MGP201-36-38

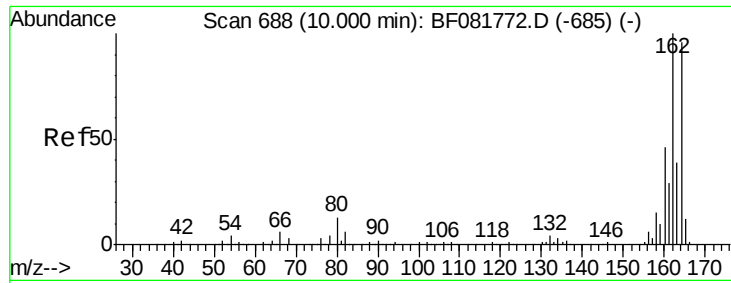
Tot Ion:136	Resp:	527483
Ion Ratio	Lower	Upper
136	100	
137	10.8	9.0 13.6
54	6.1	8.2 12.2#
68	4.4	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 98.54 ng
RT: 7.52 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF081787.D
Acq: 25 Sep 2015 4:37

Tgt Ion: 82	Resp:	787822
Ion Ratio	Lower	Upper
82	100	
128	53.9	51.0 76.6
54	49.0	47.5 71.3

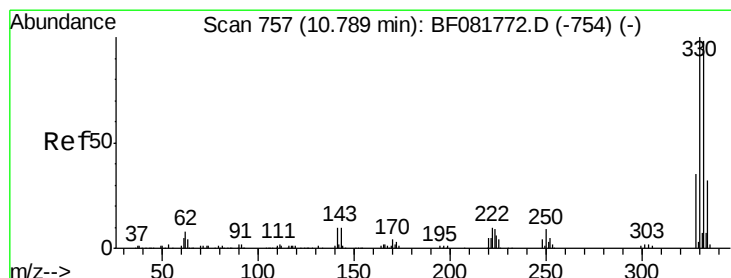
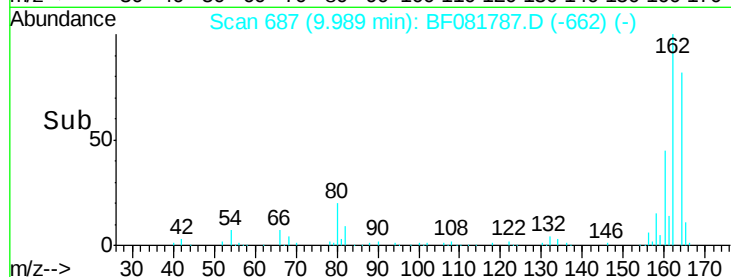
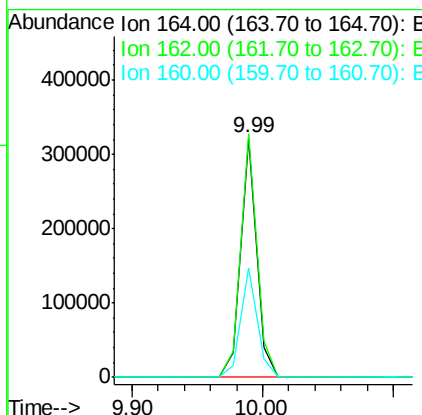
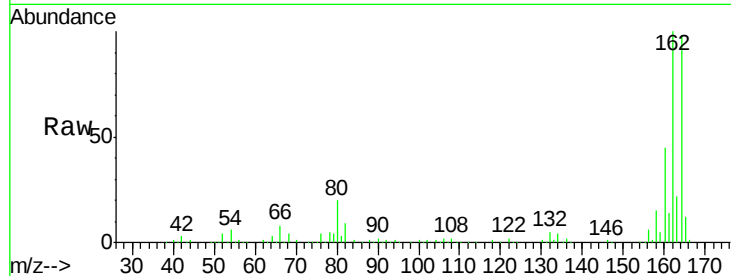




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

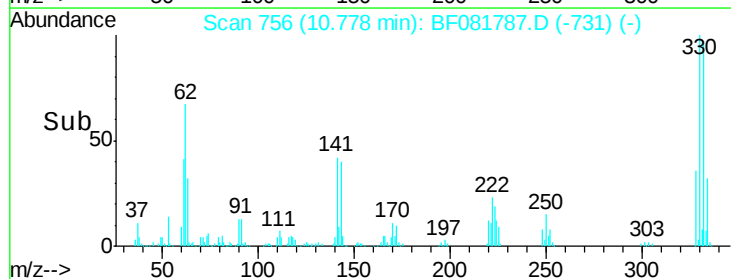
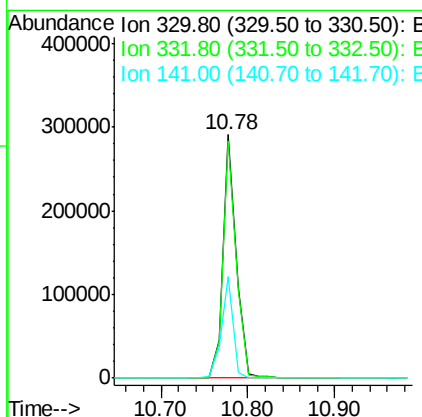
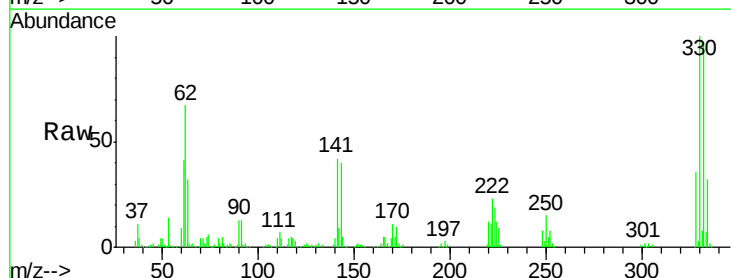
Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

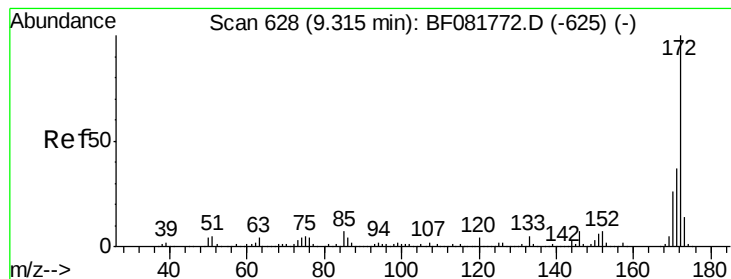
Tot Ion:164 Resp: 271504
 Ion Ratio Lower Upper
 164 100
 162 102.1 75.2 112.8
 160 45.6 31.5 47.3



#41
 2,4,6-Tribromophenol
 Concen: 132.30 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion:330 Resp: 311848
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 37.4 29.7 44.5





#44

2-Fluorobiphenyl

Concen: 84.02 ng

RT: 9.31 min Scan# 628

Delta R.T. -0.00 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

Instrument :

BNA_F

ClientSampleId :

MGP201-36-38

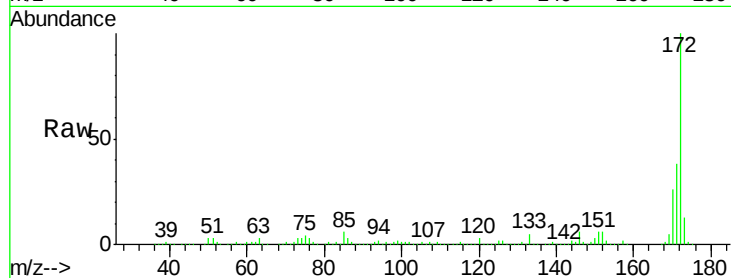
Tot Ion:172 Resp: 1389635

Ion Ratio Lower Upper

172 100

171 37.6 26.1 39.1

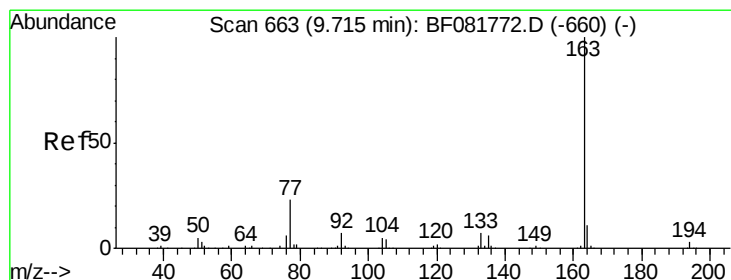
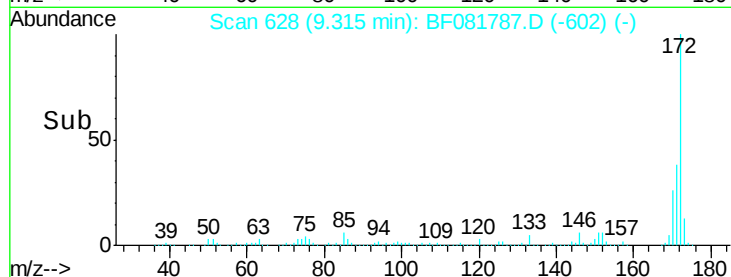
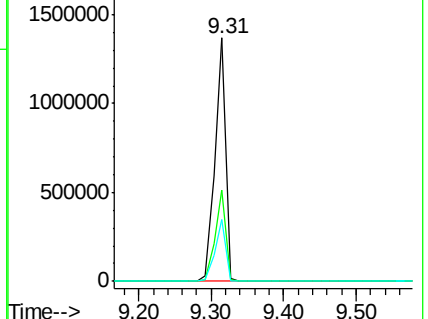
170 25.5 17.4 26.2



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: 21.69 ng

RT: 9.70 min Scan# 662

Delta R.T. -0.01 min

Lab File: BF081787.D

Acq: 25 Sep 2015 4:37

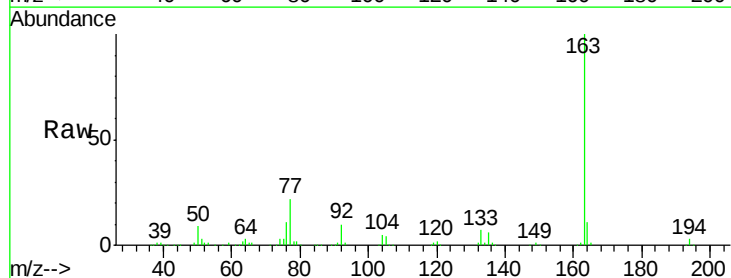
Tgt Ion:163 Resp: 448174

Ion Ratio Lower Upper

163 100

194 3.3 4.4 6.6#

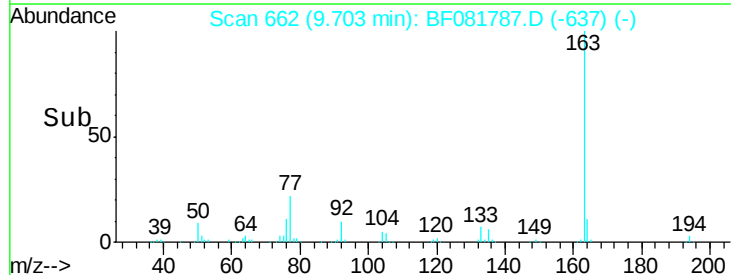
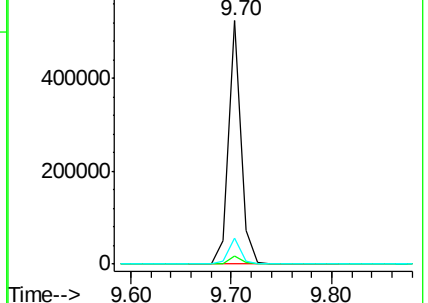
164 10.7 8.3 12.5

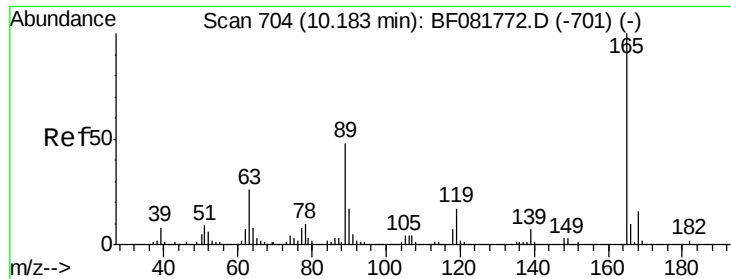


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

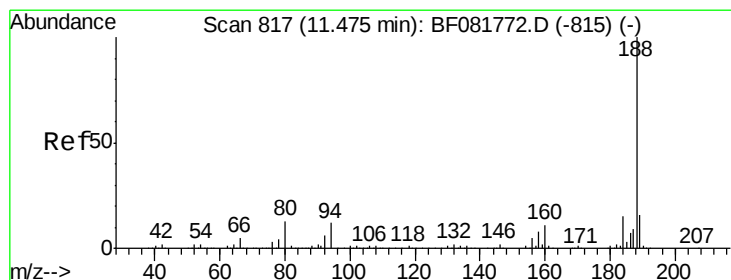
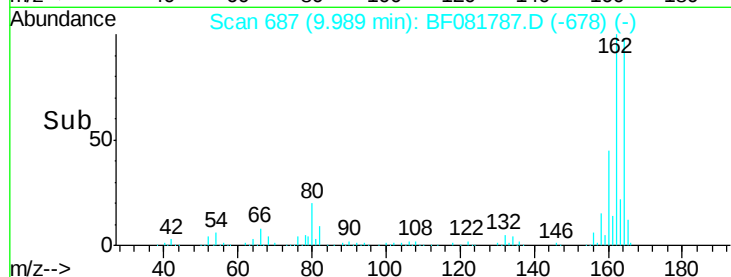
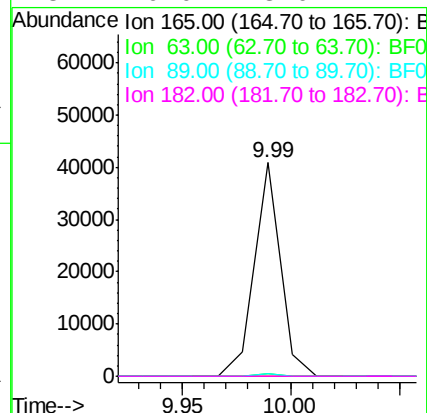
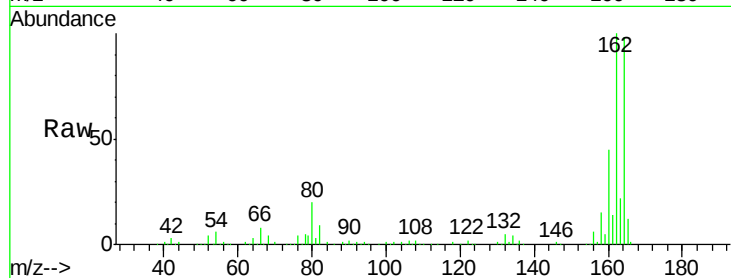




#56
 2,4-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.19 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

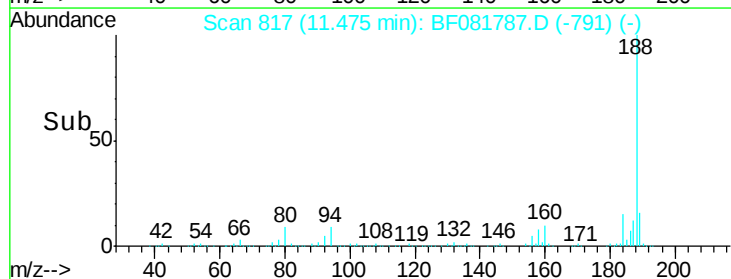
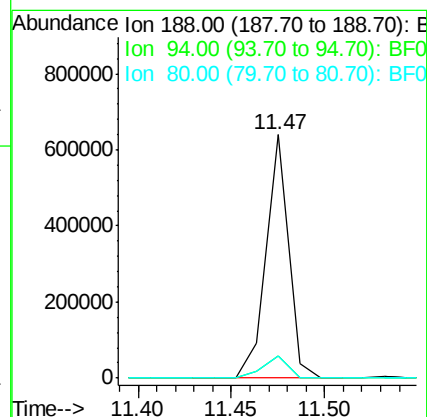
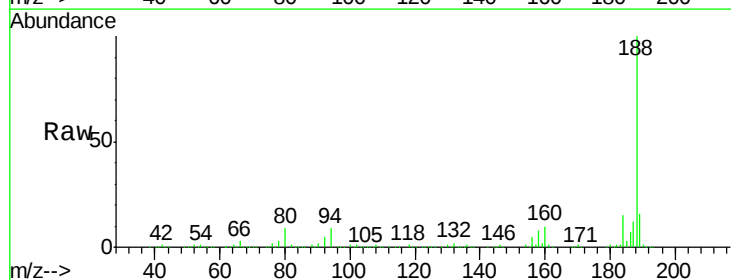
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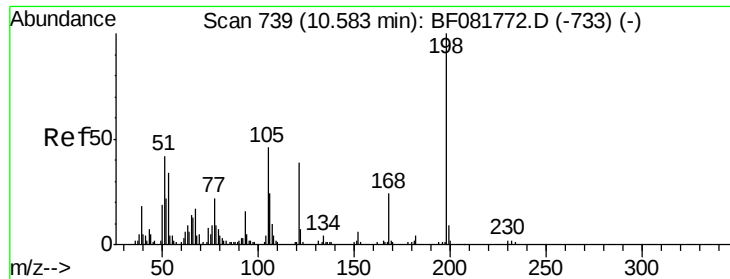
Tot Ion:165	Resp:	34045
Ion Ratio	Lower	Upper
165	100	
63	1.3	29.8 44.6#
89	1.5	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.47 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion:188	Resp:	529906
Ion Ratio	Lower	Upper
188	100	
94	9.0	11.1 16.7#
80	9.4	11.0 16.4#

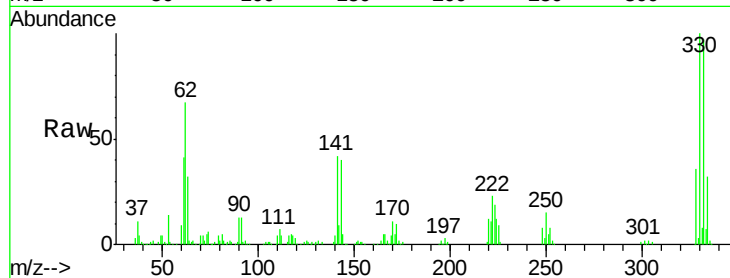




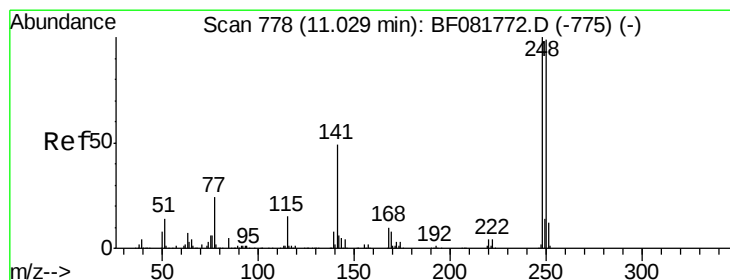
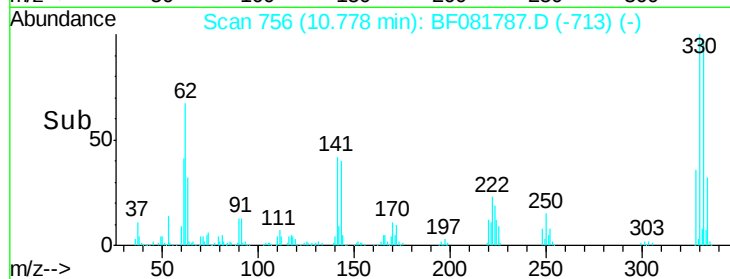
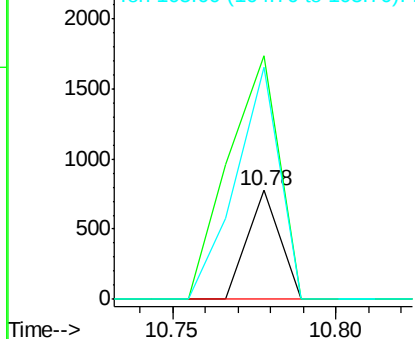
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.10 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.19 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Tot Ion:198 Resp: 533
 Ion Ratio Lower Upper
 198 100
 51 223.2 39.6 79.6#
 105 212.4 28.5 68.5#

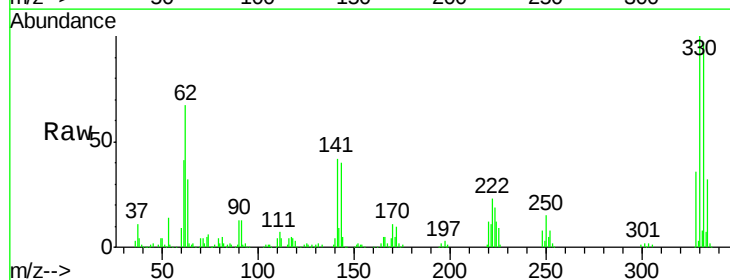


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

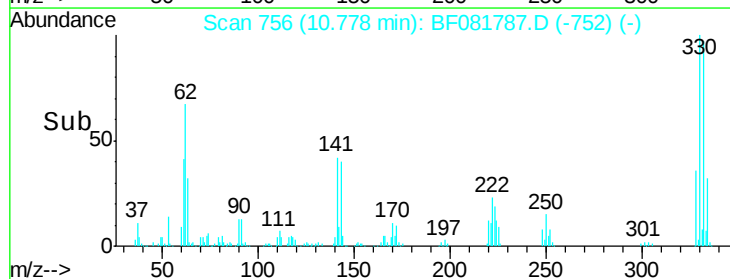
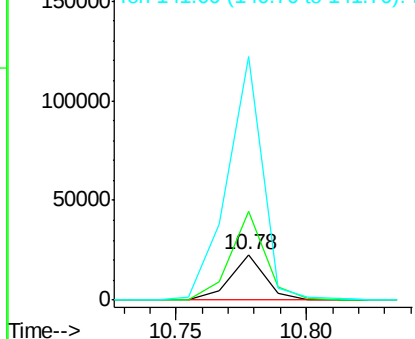


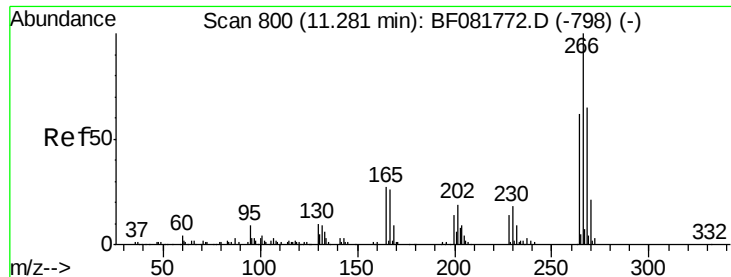
#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion:248 Resp: 21269
 Ion Ratio Lower Upper
 248 100
 250 195.1 78.5 117.7#
 141 534.6 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

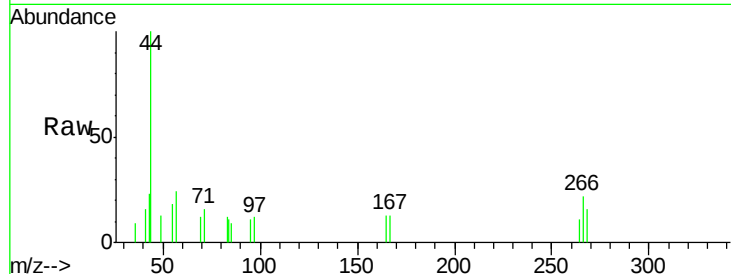




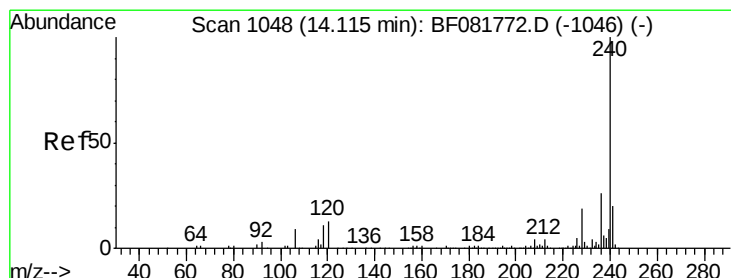
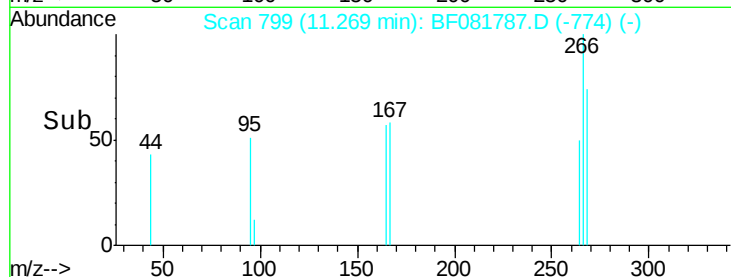
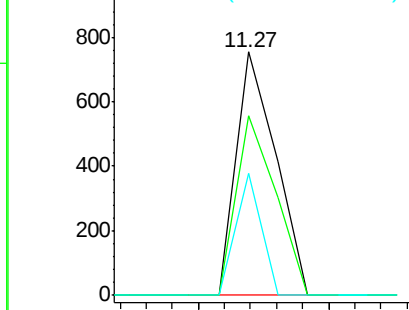
#69
 Pentachlorophenol
 Concen: 5.86 ng
 RT: 11.27 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Tot Ion	Ratio	Lower	Upper
266	100		
268	73.9	49.8	74.6
264	50.2	50.2	75.2

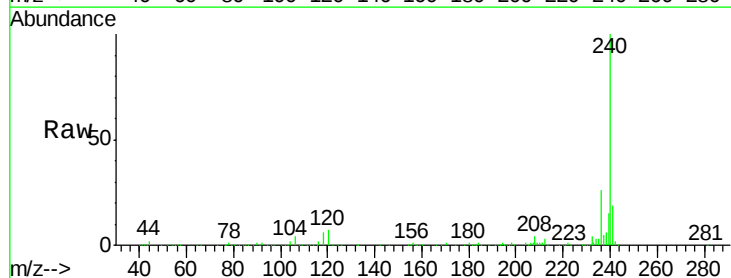


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

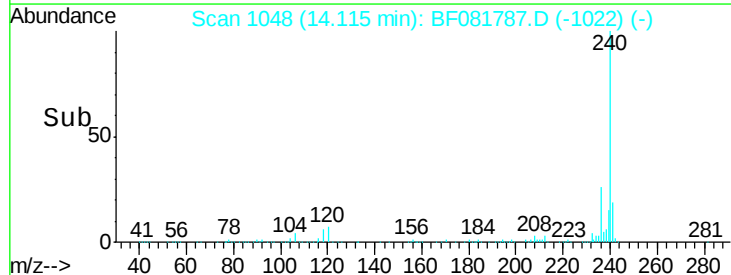
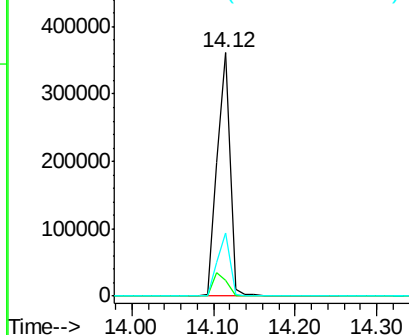


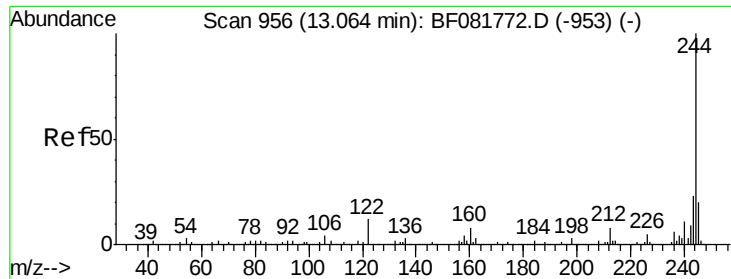
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1048
 Delta R.T. -0.00 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	16.2	24.2#
236	25.9	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

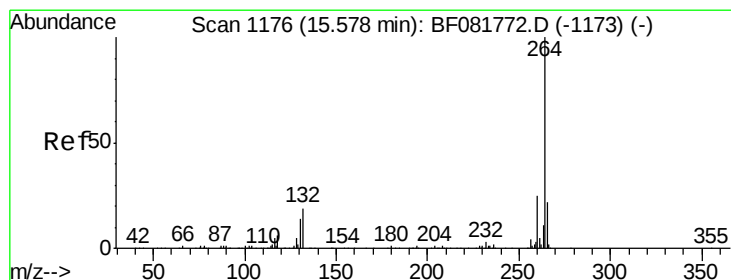
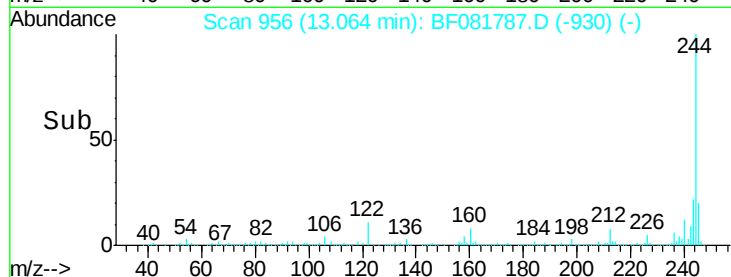
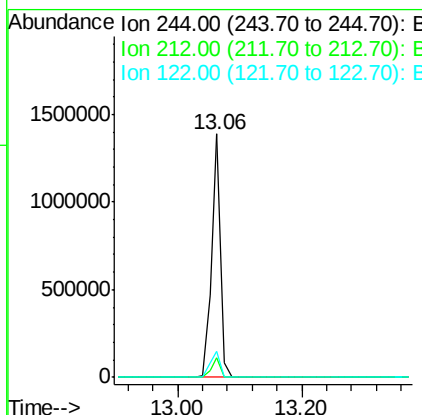
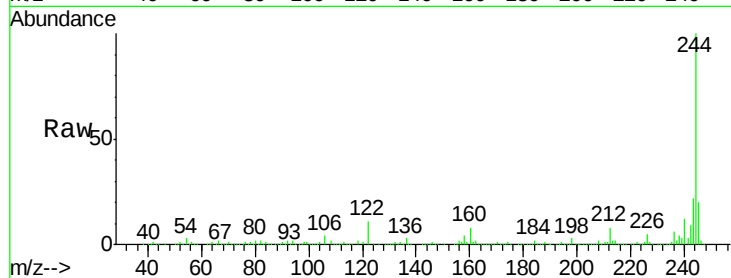




#78
 Terphenyl-d14
 Concen: 77.19 ng
 RT: 13.06 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: BF081787.D
 Acq: 25 Sep 2015 4:37

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-36-38

Tot Ion:244 Resp: 1349572
 Ion Ratio Lower Upper
 244 100
 212 8.2 4.3 6.5#
 122 10.9 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: BF081787.D
 Acq: 25 Sep 2015 4:37

Tgt Ion:264 Resp: 318722
 Ion Ratio Lower Upper
 264 100
 260 24.7 16.7 25.1
 265 21.7 17.2 25.8

