

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092415\
 Data File : BF081789.D
 Acq On : 25 Sep 2015 5:38
 Operator : UM/IZ
 Sample : G3708-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

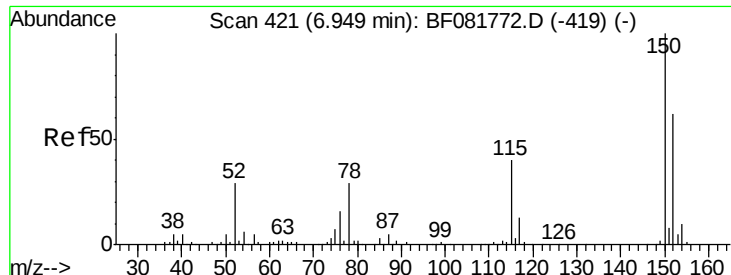
Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Quant Time: Sep 25 07:14:44 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	143384	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	554883	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	289347	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	539030	20.00	ng	0.00
75) Chrysene-d12	14.12	240	381475	20.00	ng	0.00
86) Perylene-d12	15.58	264	311584	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	1002029	118.23	ng	0.01
7) Phenol-d6	6.57	99	1191453	111.14	ng	0.00
23) Nitrobenzene-d5	7.52	82	885811	105.33	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	325713	129.66	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1416224	80.35	ng	0.00
78) Terphenyl-d14	13.06	244	1319406	79.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.52	70	118754	16.62	ng	# 57
49) Dimethylphthalate	9.70	163	416567	18.92	ng	# 98
56) 2,4-Dinitrotoluene	9.99	165	38180	7.50	ng	# 33
64) 4,6-Dinitro-2-methylphenol	10.78	198	662	8.26	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	22115	3.68	ng	# 1
69) Pentachlorophenol	11.28	266	471	5.77	ng	# 19

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

```
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Sample    : G3708-03  
Misc      :  
ALS Vial  : 19    Sample Multiplier: 1
```



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

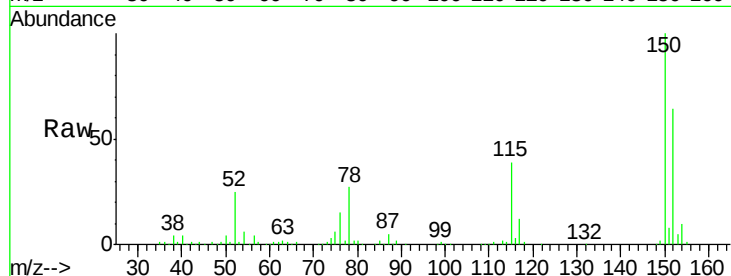
Tot Ion:152 Resp: 143384

Ion Ratio Lower Upper

152 100

150 156.7 124.7 187.1

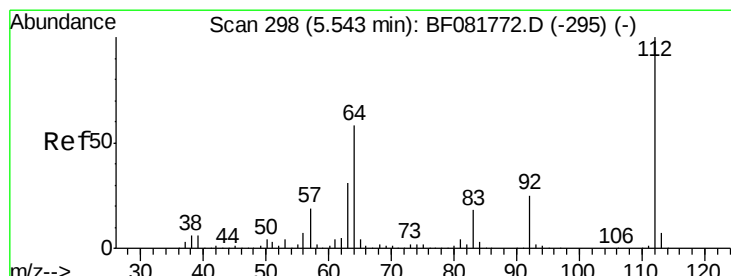
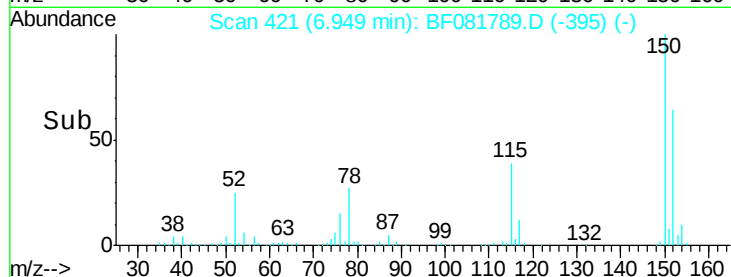
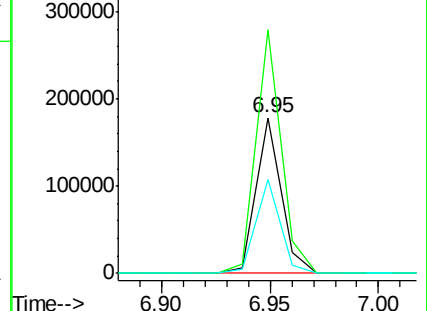
115 60.5 39.0 58.4#



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: 118.23 ng

RT: 5.55 min Scan# 299

Delta R.T. 0.01 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

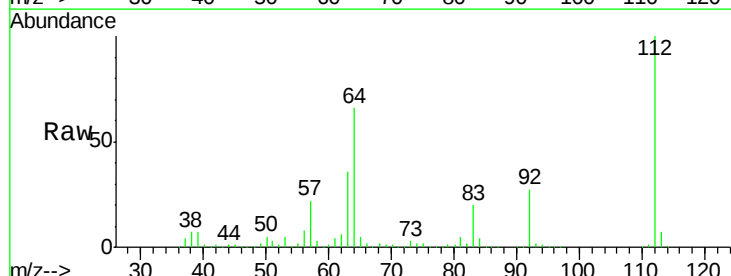
Tgt Ion:112 Resp: 1002029

Ion Ratio Lower Upper

112 100

64 66.4 39.7 59.5#

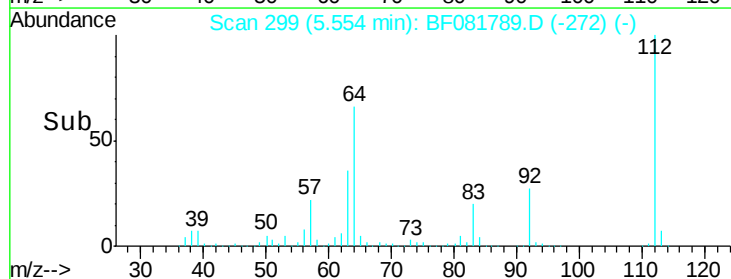
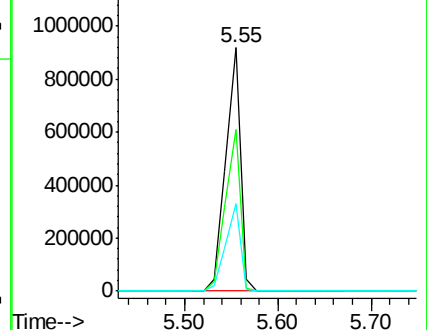
63 35.7 17.4 26.0#

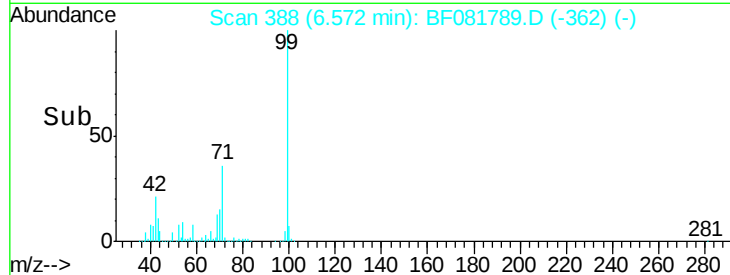
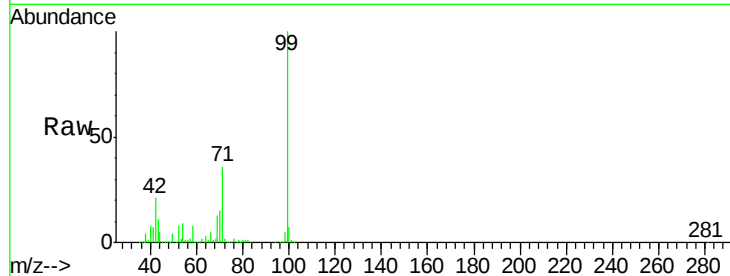
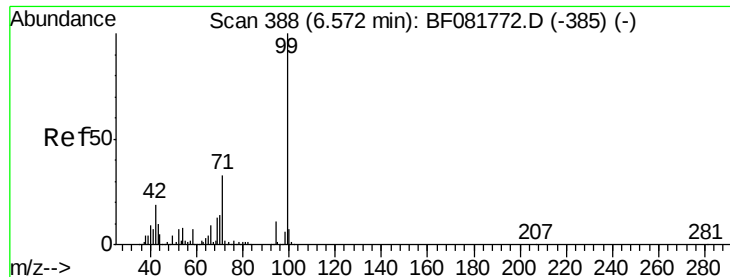


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.14 ng

RT: 6.57 min Scan# 388

Delta R.T. -0.00 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

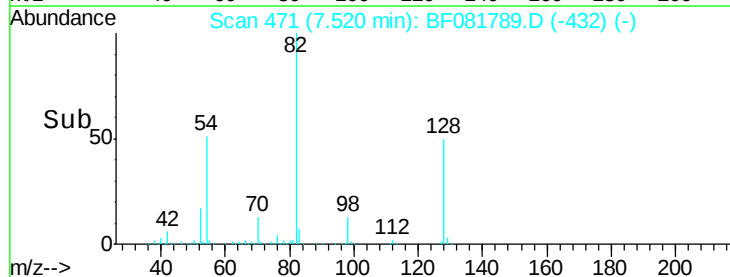
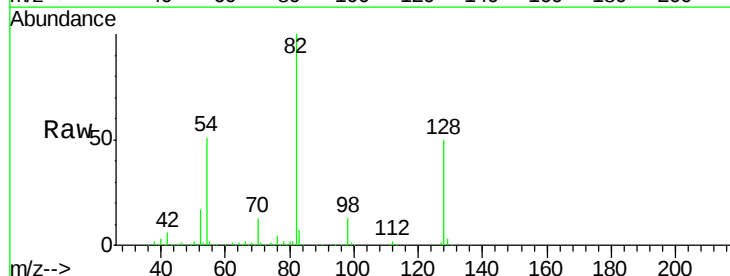
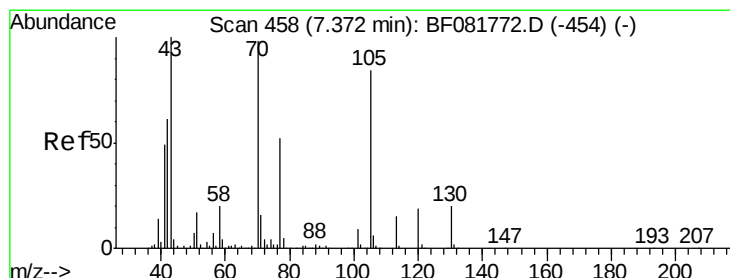
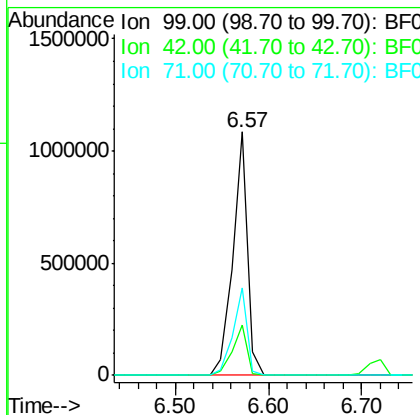
Tot Ion: 99 Resp: 1191453

Ion Ratio Lower Upper

99 100

42 20.9 13.7 20.5#

71 36.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.62 ng

RT: 7.52 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

Tgt Ion: 70 Resp: 118754

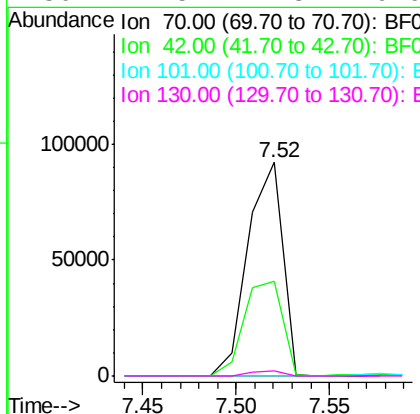
Ion Ratio Lower Upper

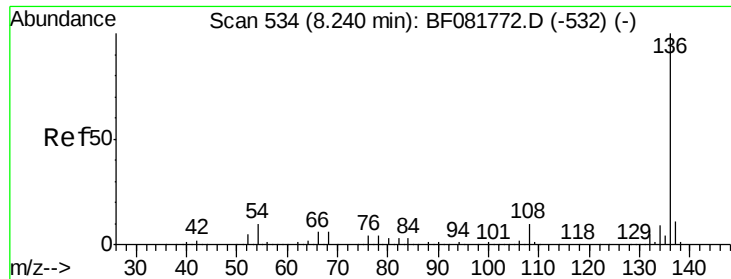
70 100

42 44.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.5 27.3 40.9#

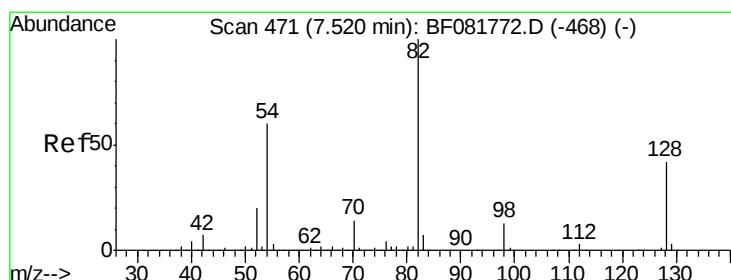
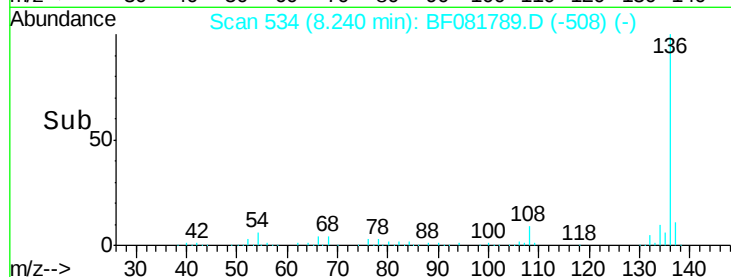
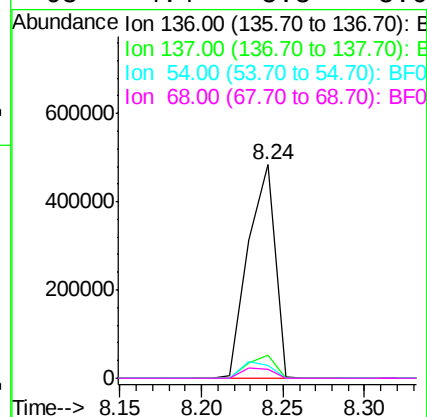
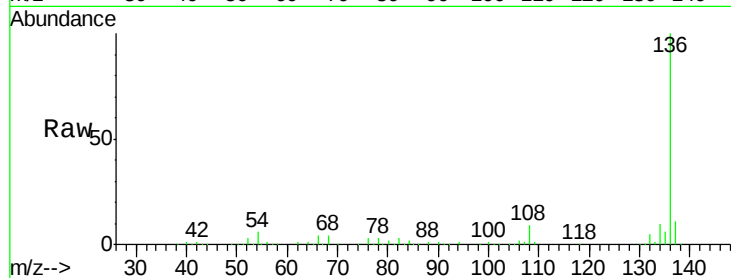




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF081789.D
Acq: 25 Sep 2015 5:38

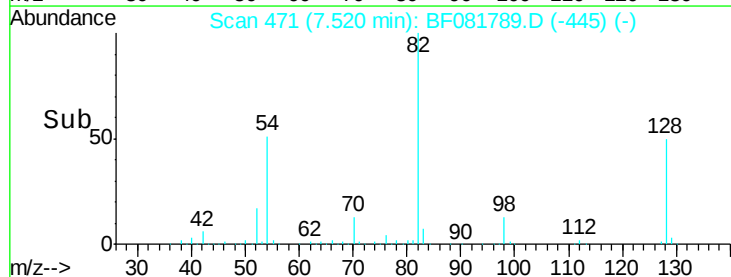
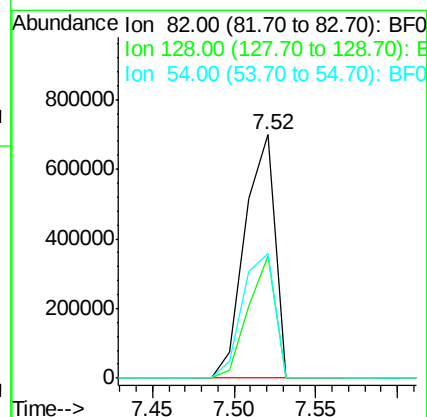
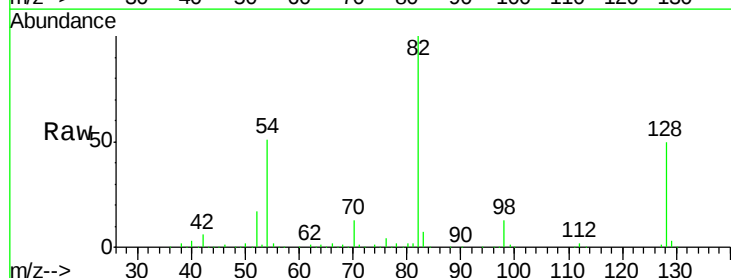
Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30

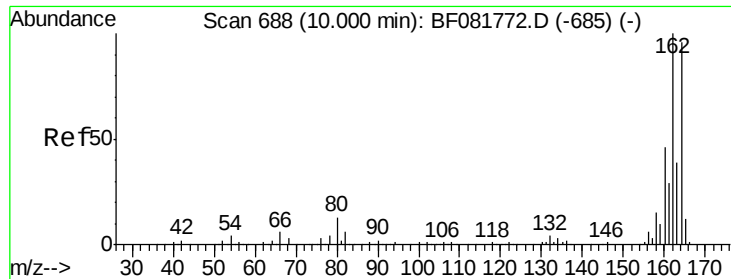
Tot Ion:136	Resp:	554883
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	5.8	8.2 12.2#
68	4.4	5.8 8.6#



#23
Nitrobenzene-d5
Concen: 105.33 ng
RT: 7.52 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF081789.D
Acq: 25 Sep 2015 5:38

Tgt Ion: 82	Resp:	885811
Ion Ratio	Lower	Upper
82	100	
128	49.9	51.0 76.6#
54	51.3	47.5 71.3

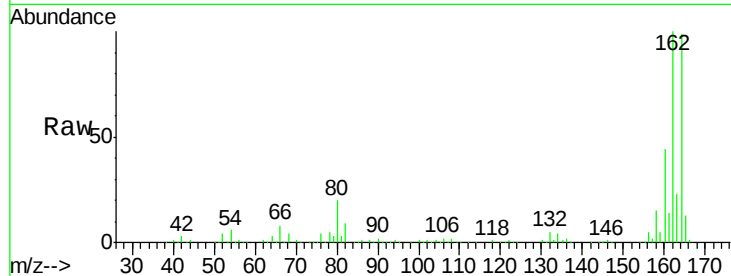




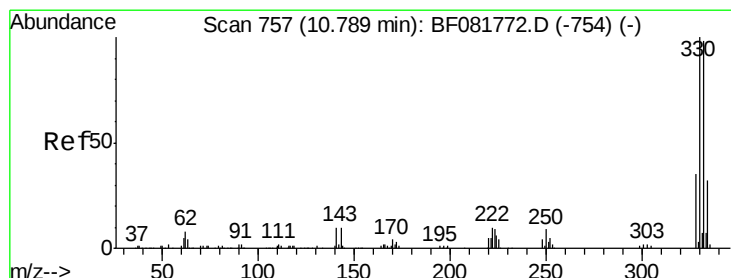
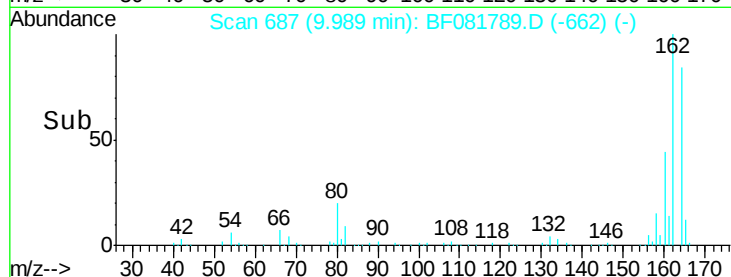
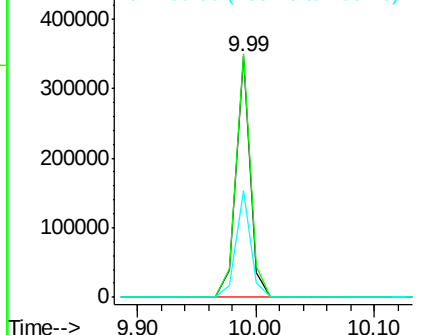
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

Instrument :
 BNA_F
 ClientSampleId :
 MGP209BR-29-30

Tot Ion:164 Resp: 289347
 Ion Ratio Lower Upper
 164 100
 162 101.2 75.2 112.8
 160 44.6 31.5 47.3

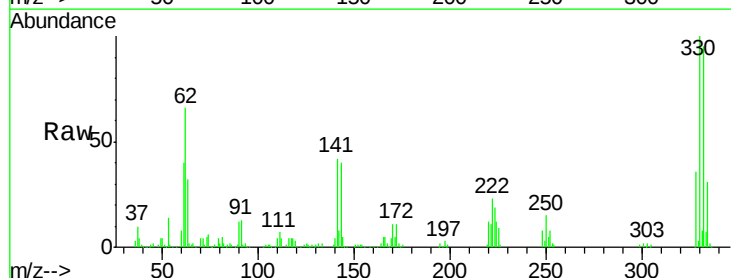


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

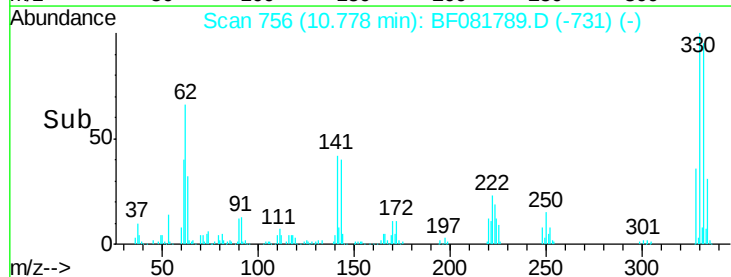
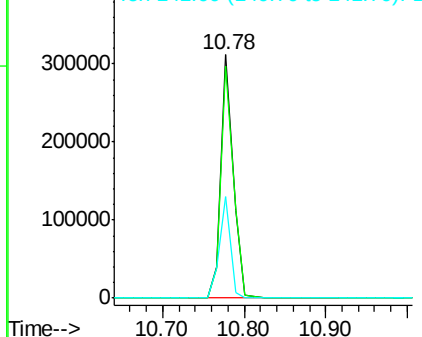


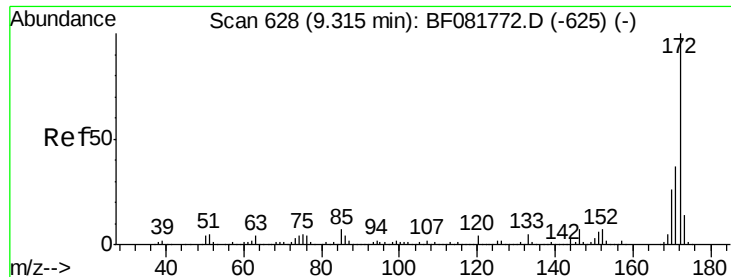
#41
 2,4,6-Tribromophenol
 Concen: 129.66 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

Tgt Ion:330 Resp: 325713
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 114.8
 141 37.5 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

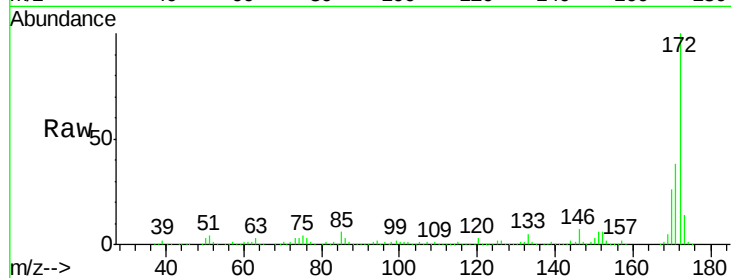




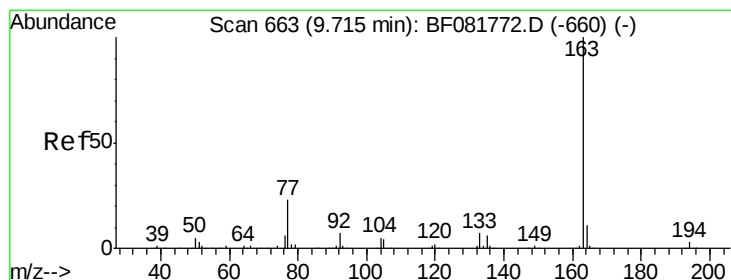
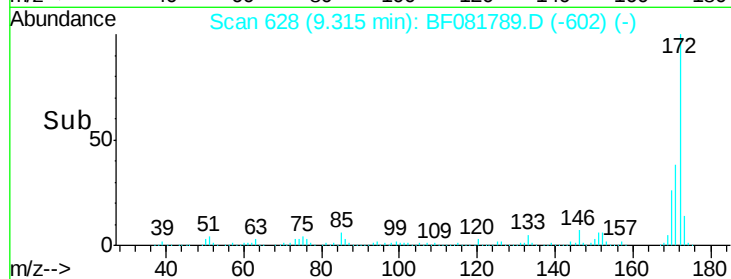
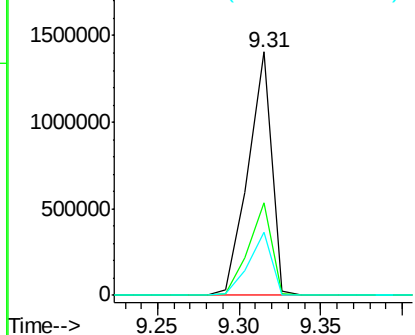
#44
2-Fluorobiphenyl
Concen: 80.35 ng
RT: 9.31 min Scan# 628
Delta R.T. 0.00 min
Lab File: BF081789.D
Acq: 25 Sep 2015 5:38

Instrument :
BNA_F
ClientSampleId :
MGP209BR-29-30

Tot Ion:172 Resp: 1416224
Ion Ratio Lower Upper
172 100
171 37.8 26.1 39.1
170 26.0 17.4 26.2

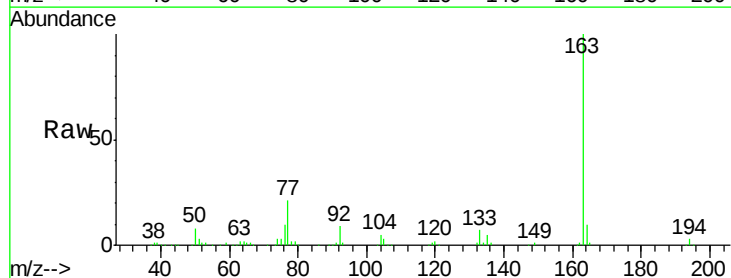


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

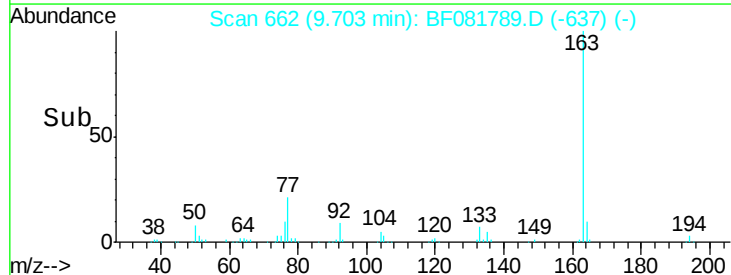
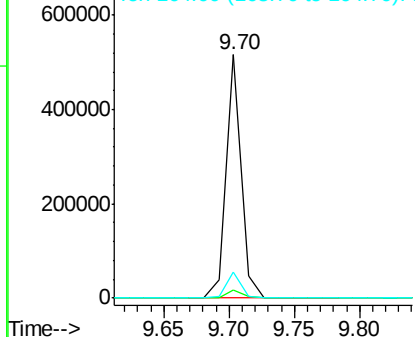


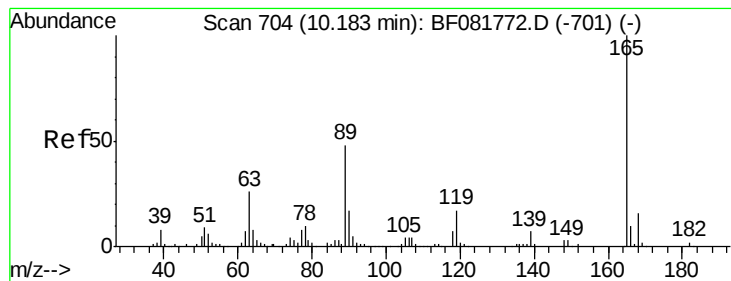
#49
Dimethylphthalate
Concen: 18.92 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081789.D
Acq: 25 Sep 2015 5:38

Tgt Ion:163 Resp: 416567
Ion Ratio Lower Upper
163 100
194 3.2 4.4 6.6#
164 10.5 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

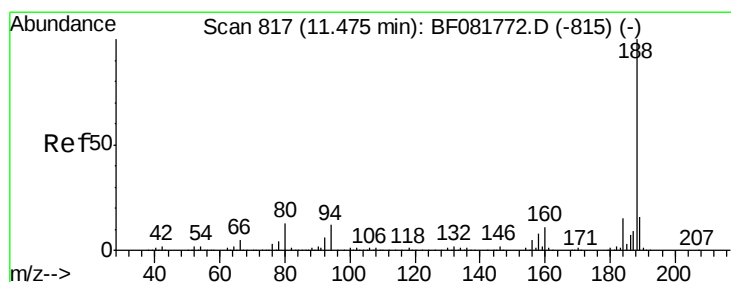
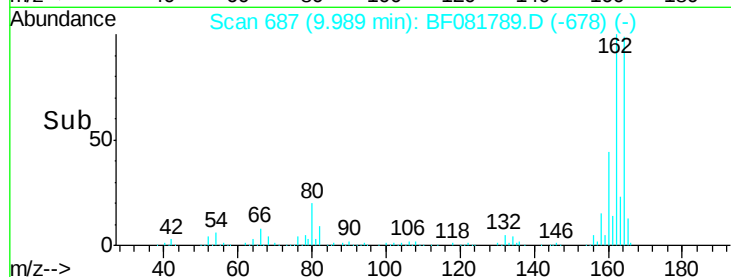
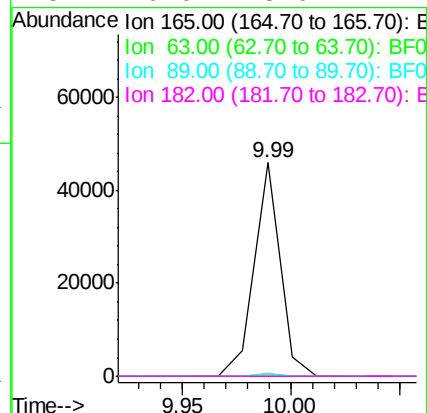
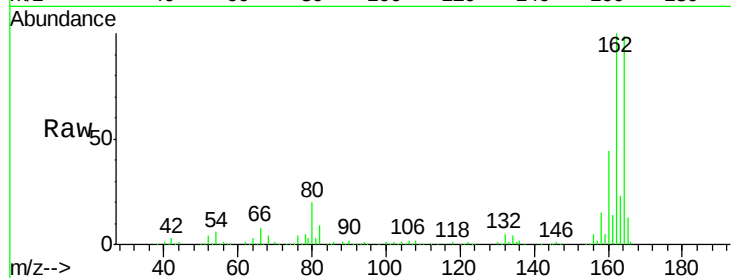




#56
 2,4-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.19 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

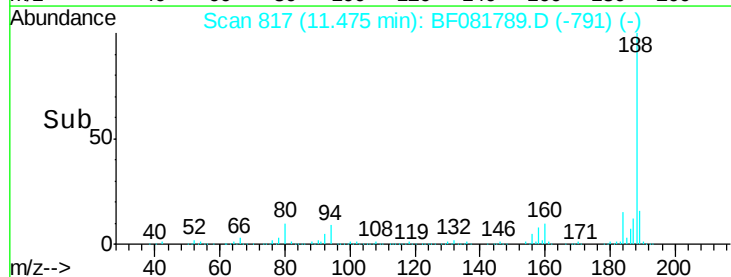
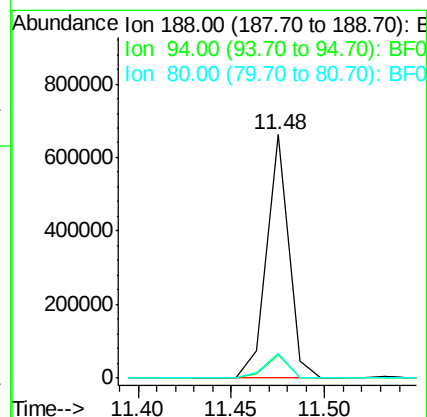
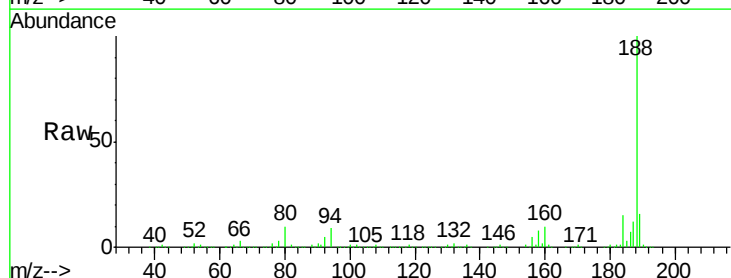
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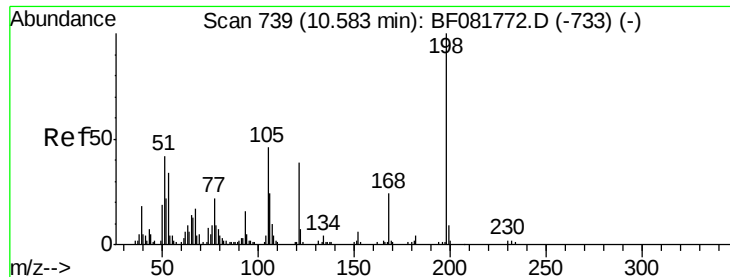
Tot Ion:165	Resp:	38180
Ion Ratio	Lower	Upper
165	100	
63	1.4	29.8 44.6#
89	1.2	44.5 66.7#
182	0.0	3.0 4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

Tgt Ion:188	Resp:	539030
Ion Ratio	Lower	Upper
188	100	
94	9.4	11.1 16.7#
80	10.2	11.0 16.4#

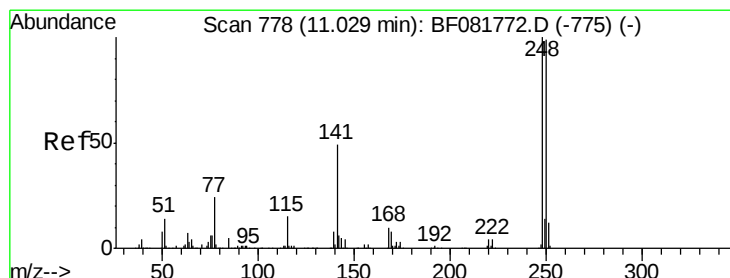
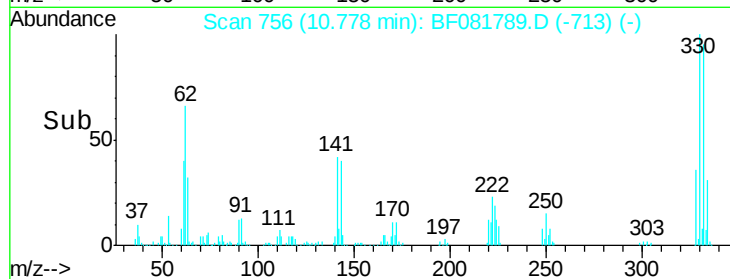
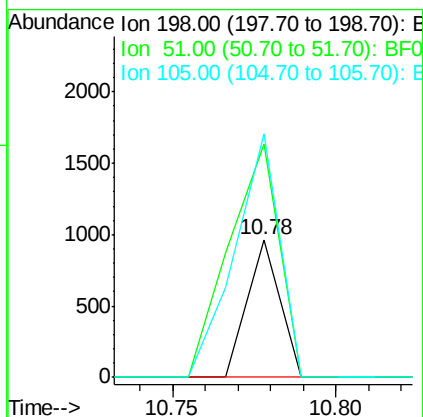
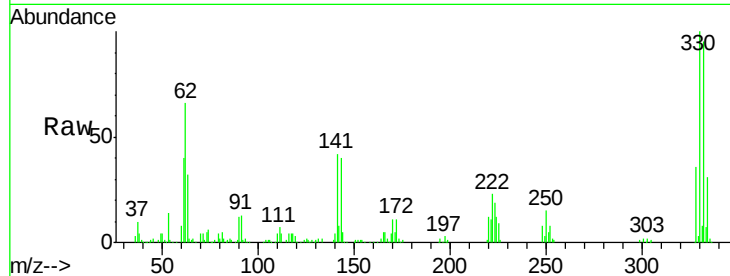




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.26 ng
 RT: 10.78 min Scan# 756
 Delta R.T. 0.19 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

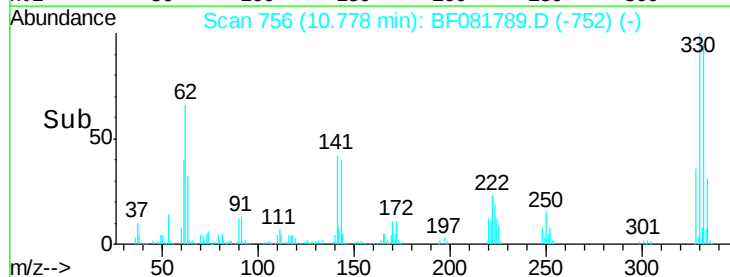
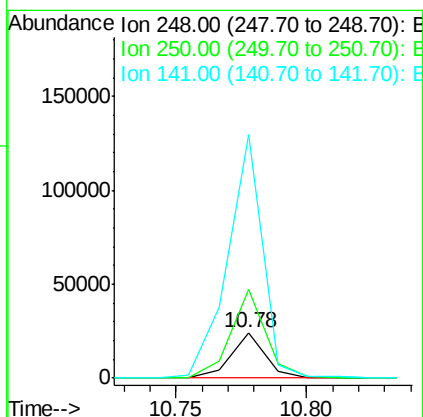
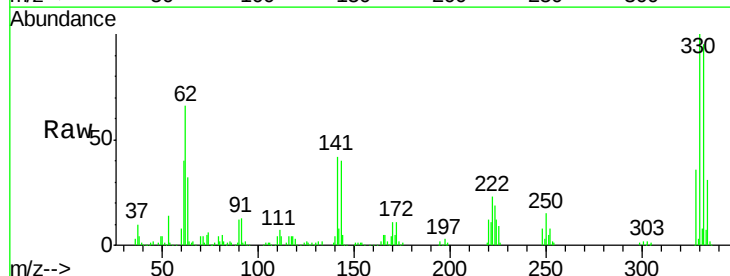
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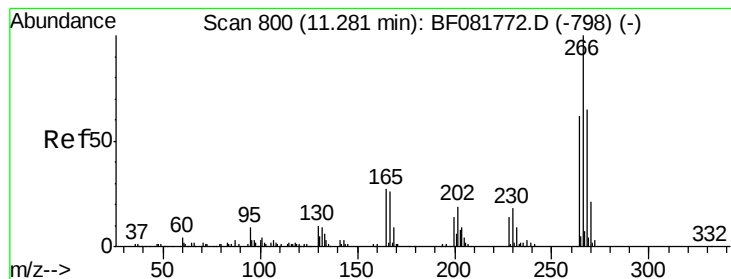
Tot Ion:198 Resp: 662
 Ion Ratio Lower Upper
 198 100
 51 169.5 39.6 79.6#
 105 176.6 28.5 68.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.68 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.25 min
 Lab File: BF081789.D
 Acq: 25 Sep 2015 5:38

Tgt Ion:248 Resp: 22115
 Ion Ratio Lower Upper
 248 100
 250 194.7 78.5 117.7#
 141 534.6 59.0 88.6#





#69

Pentachlorophenol

Concen: 5.77 ng

RT: 11.28 min Scan# 800

Delta R.T. -0.00 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

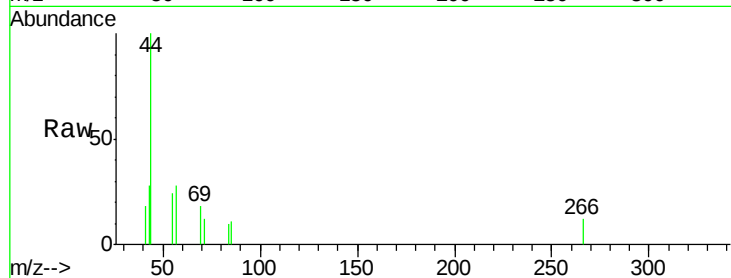
Tot Ion:266 Resp: 471

Ion Ratio Lower Upper

266 100

268 0.0 49.8 74.6#

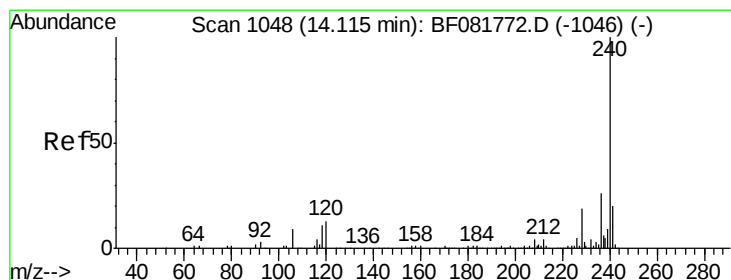
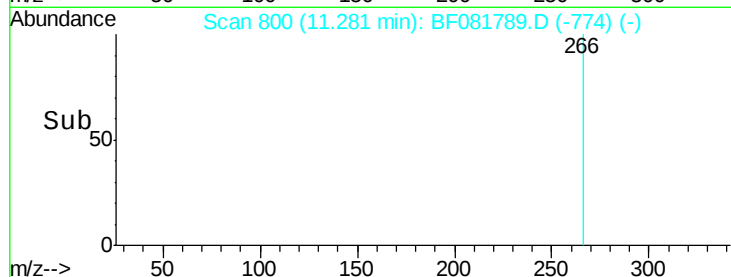
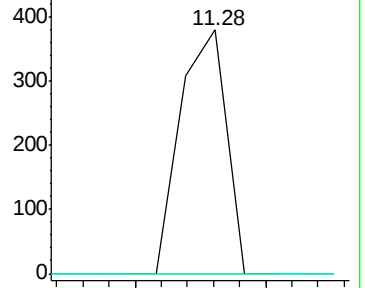
264 0.0 50.2 75.2#



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: BF081789.D

Acq: 25 Sep 2015 5:38

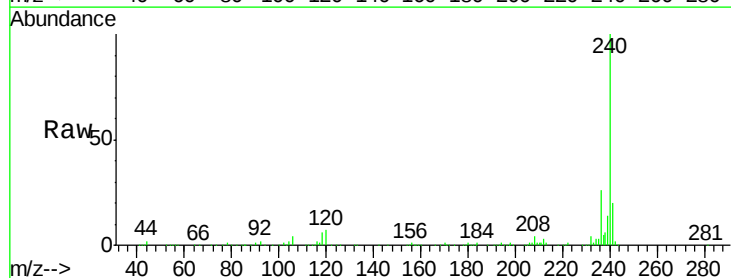
Tgt Ion:240 Resp: 381475

Ion Ratio Lower Upper

240 100

120 6.9 16.2 24.2#

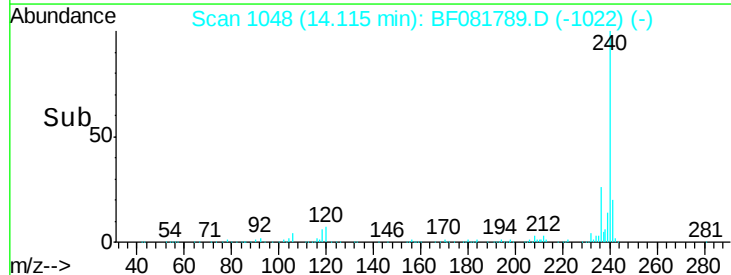
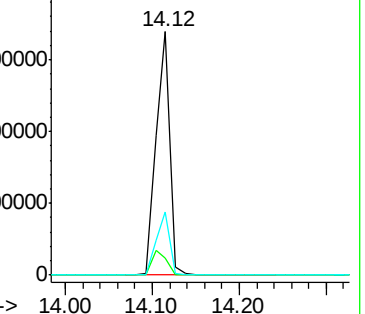
236 25.8 18.4 27.6

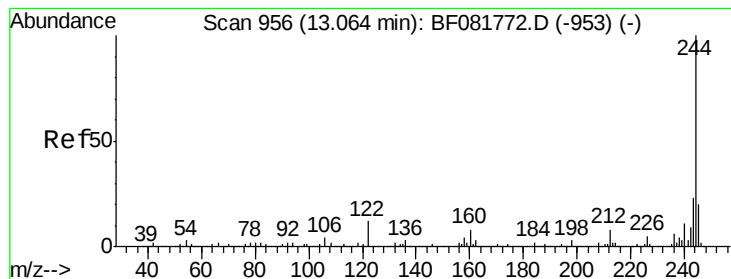


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 79.01 ng

RT: 13.06 min Scan# 956

Delta R.T. -0.00 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

Instrument :

BNA_F

ClientSampleId :

MGP209BR-29-30

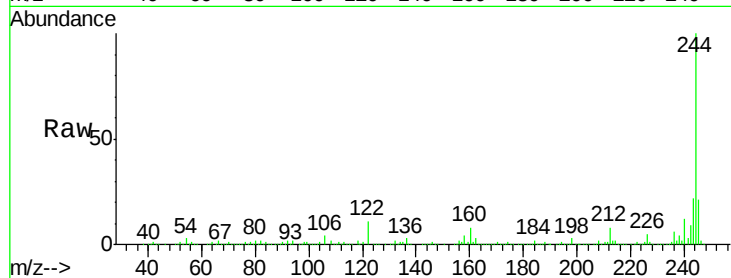
Tot Ion:244 Resp: 1319406

Ion Ratio Lower Upper

244 100

212 8.4 4.3 6.5#

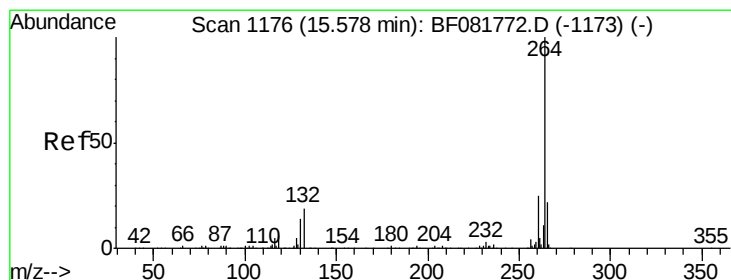
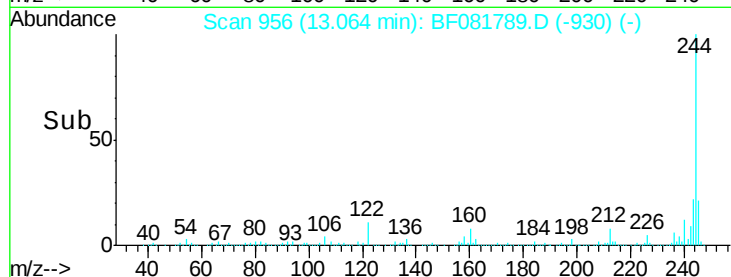
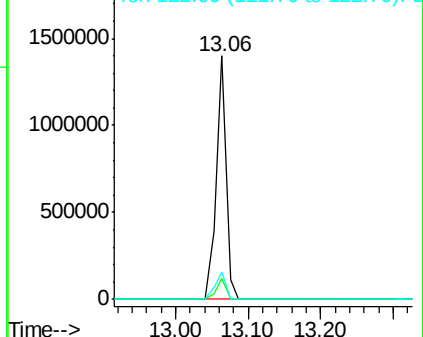
122 11.5 17.4 26.2#



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: 15.58 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF081789.D

Acq: 25 Sep 2015 5:38

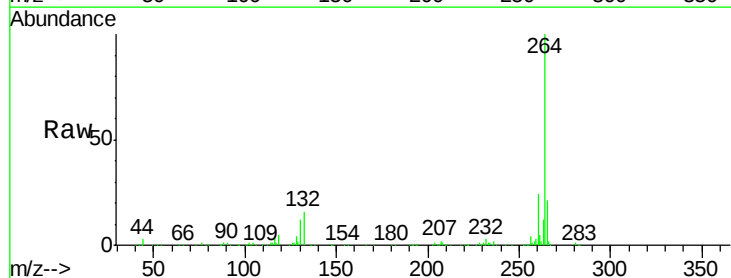
Tgt Ion:264 Resp: 311584

Ion Ratio Lower Upper

264 100

260 24.0 16.7 25.1

265 21.2 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

