

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090415\
 Data File : BF081469.D
 Acq On : 5 Sep 2015 17:21
 Operator : UM/IZ
 Sample : G3559-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP226BR-60-61

Quant Time: Sep 07 02:51:12 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 07 02:47:26 2015
 Response via : Initial Calibration

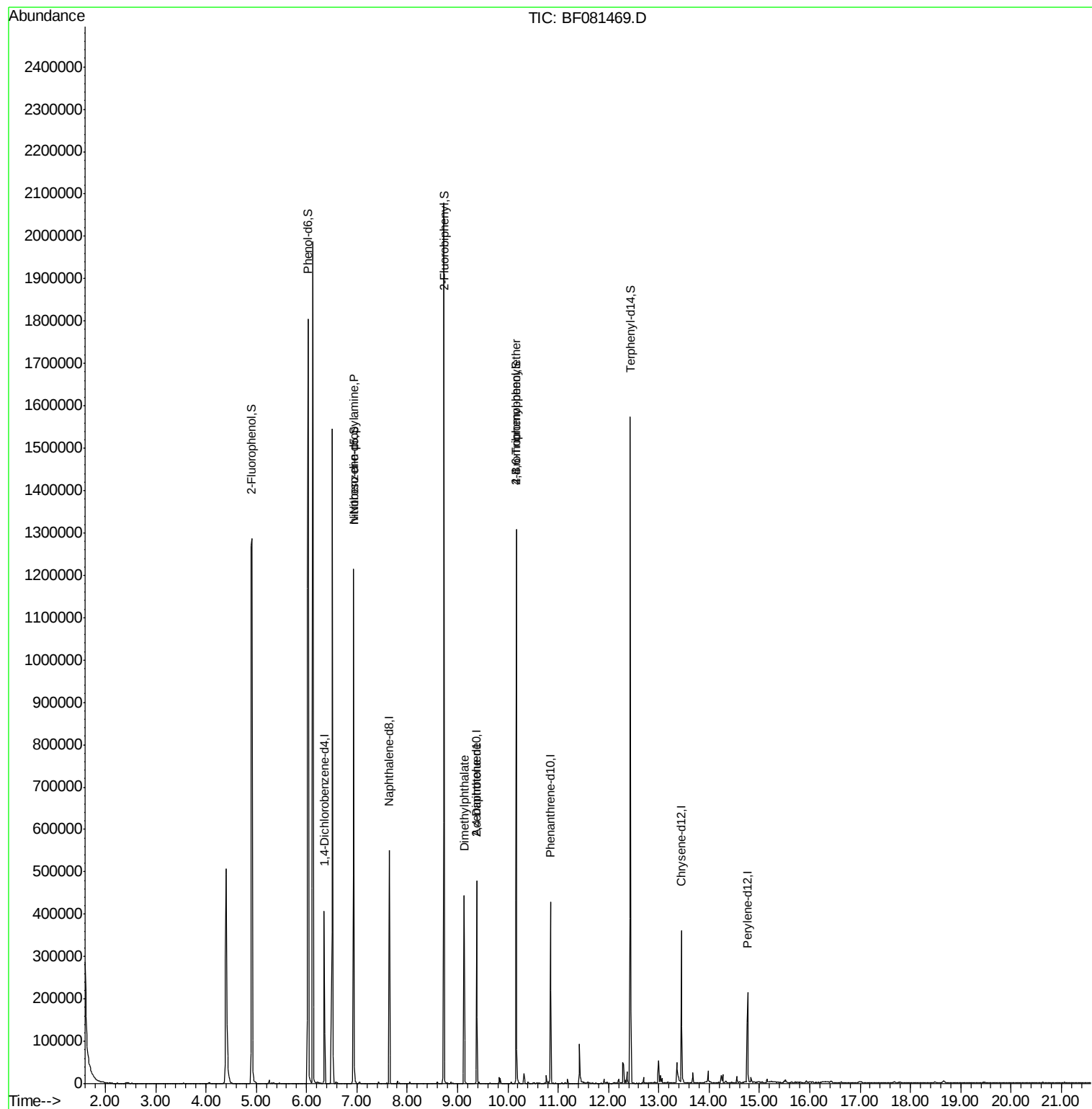
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.35	152	57085	20.00	ng	-0.01
21) Naphthalene-d8	7.64	136	217390	20.00	ng	-0.01
38) Acenaphthene-d10	9.38	164	98463	20.00	ng	-0.01
63) Phenanthrene-d10	10.84	188	185542	20.00	ng	-0.01
75) Chrysene-d12	13.45	240	135530	20.00	ng	-0.01
86) Perylene-d12	14.77	264	103808	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	493764	134.20	ng	0.02
7) Phenol-d6	6.03	99	736383	151.20	ng	0.00
23) Nitrobenzene-d5	6.94	82	402788	89.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.17	330	117801	134.37	ng	-0.01
44) 2-Fluorobiphenyl	8.73	172	627244	81.64	ng	0.00
78) Terphenyl-d14	12.43	244	463500	79.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.94	70	55789	16.83	ng	# 62
49) Dimethylphthalate	9.13	163	164010	21.44	ng	# 97
56) 2,4-Dinitrotoluene	9.38	165	12180	5.51	ng	# 31
66) 4-Bromophenyl-phenylether	10.17	248	9655	5.15	ng	# 1

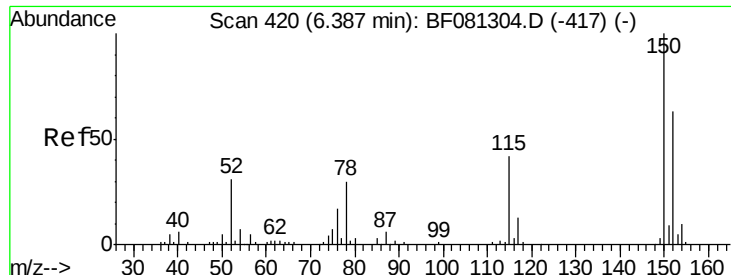
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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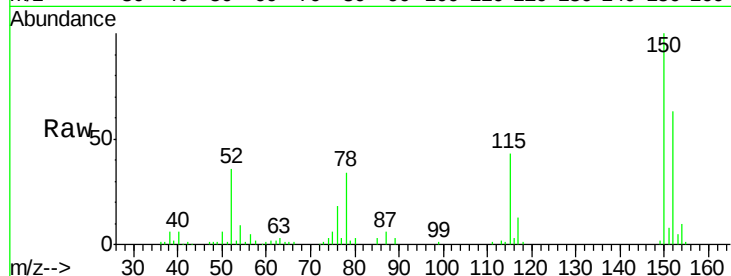


#1

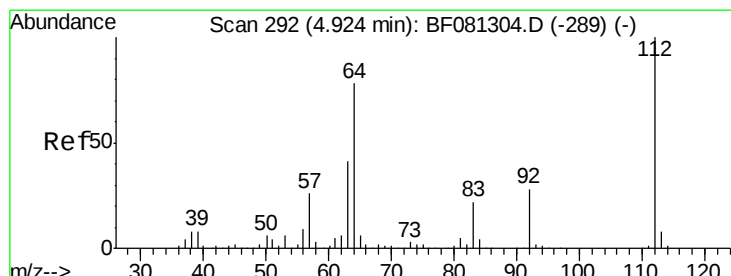
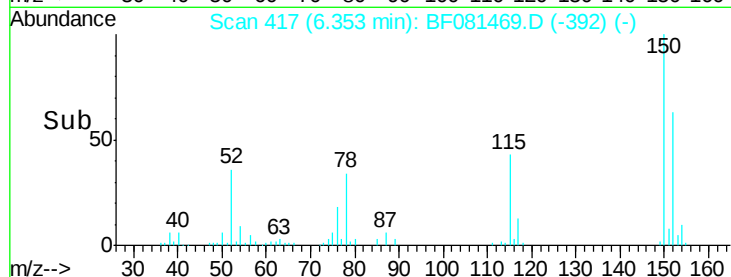
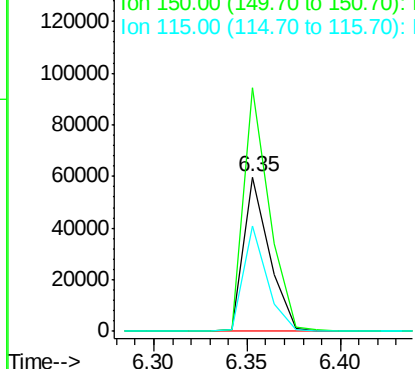
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.35 min Scan# 417
Delta R.T. -0.01 min
Lab File: BF081469.D
Acq: 5 Sep 2015 17:21

Instrument :
BNA_F
ClientSampleId :
MGP226BR-60-61

Tot Ion:152 Resp: 57085
Ion Ratio Lower Upper
152 100
150 157.9 124.7 187.1
115 68.0 39.0 58.4#



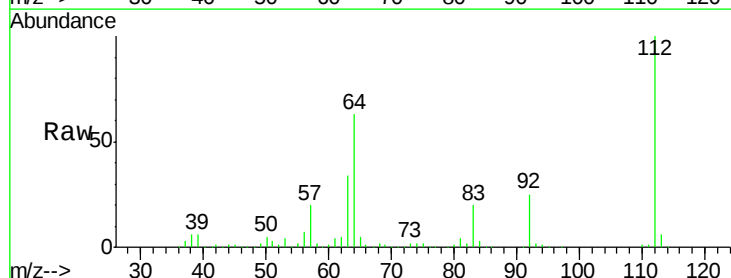
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



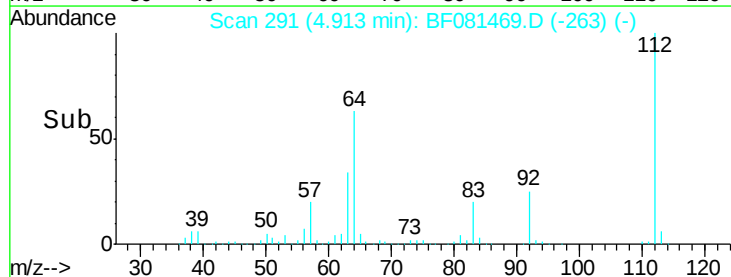
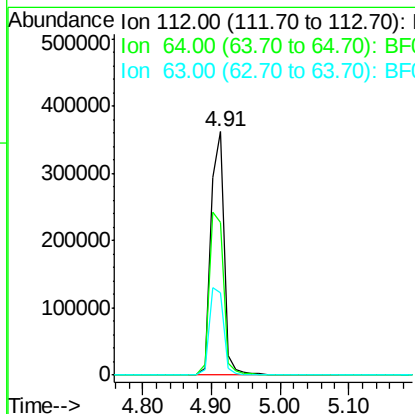
#5

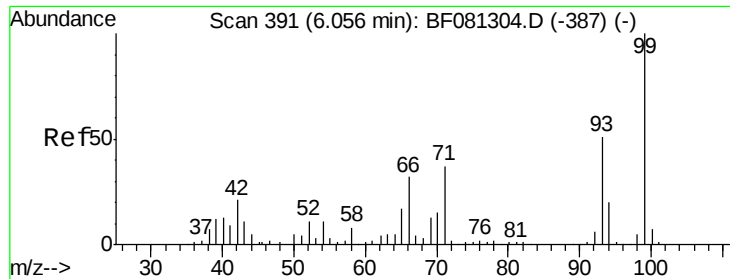
2-Fluorophenol
Concen: 134.20 ng
RT: 4.91 min Scan# 291
Delta R.T. 0.02 min
Lab File: BF081469.D
Acq: 5 Sep 2015 17:21

Tgt Ion:112 Resp: 493764
Ion Ratio Lower Upper
112 100
64 62.9 39.7 59.5#
63 33.6 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: 151.20 ng

RT: 6.03 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

Instrument :

BNA_F

ClientSampleId :

MGP226BR-60-61

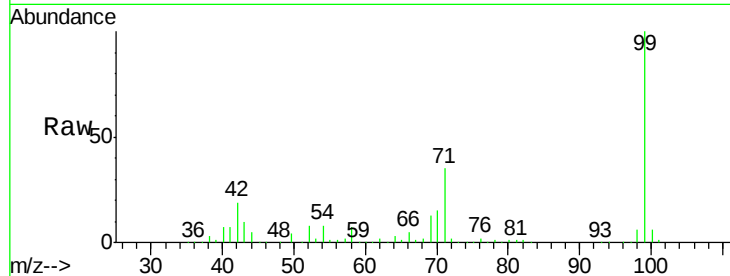
Tot Ion: 99 Resp: 736383

Ion Ratio Lower Upper

99 100

42 19.4 13.7 20.5

71 35.2 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

6.03

800000

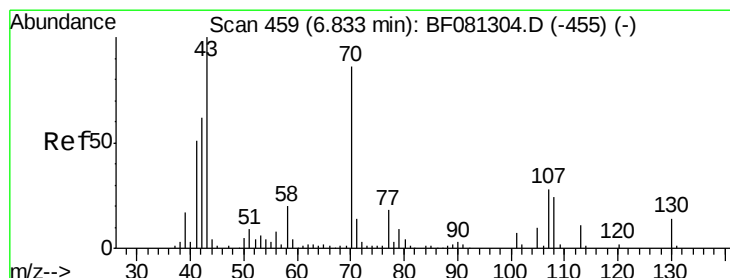
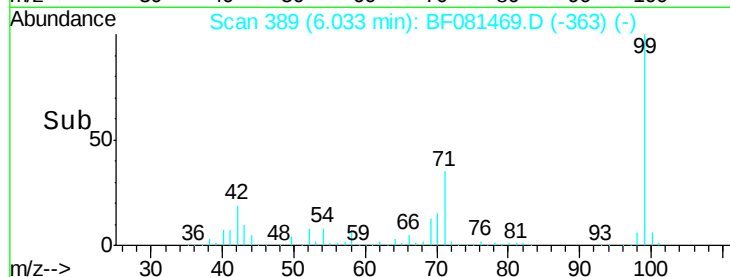
600000

400000

200000

0

Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 16.83 ng

RT: 6.94 min Scan# 468

Delta R.T. 0.13 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

Tgt Ion: 70 Resp: 55789

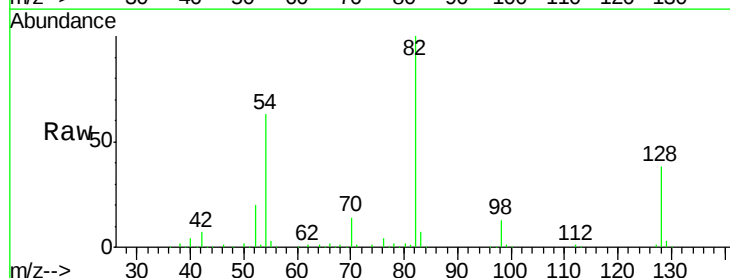
Ion Ratio Lower Upper

70 100

42 52.1 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 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

6.94

80000

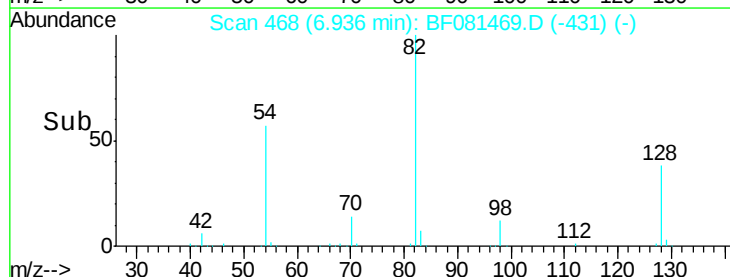
60000

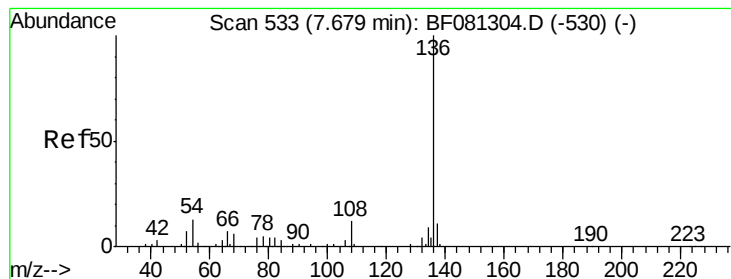
40000

20000

0

Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

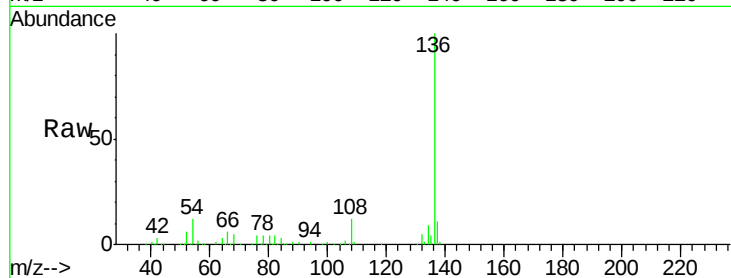
Instrument :

BNA_F

ClientSampleId :

MGP226BR-60-61

Tot Ion:136	Resp:	217390
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	12.2	8.2 12.2
68	5.1	5.8 8.6#

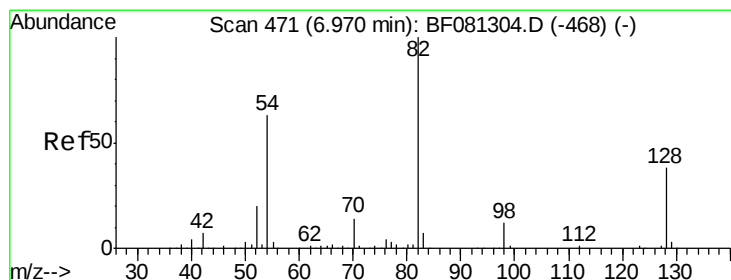
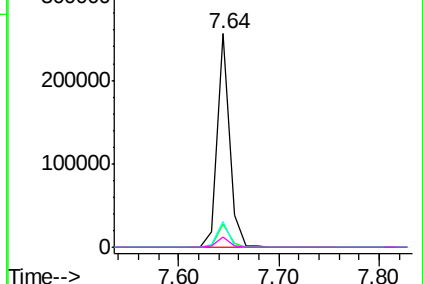
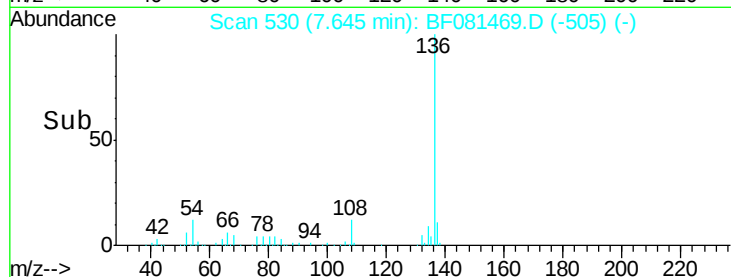


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.39 ng

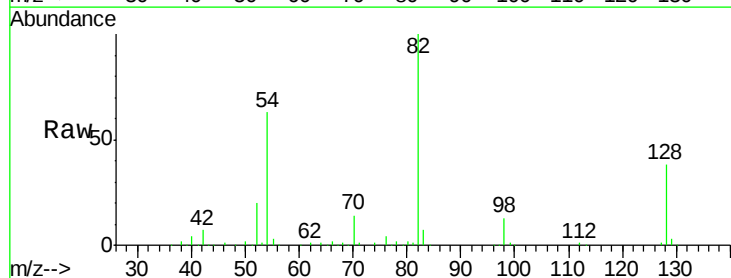
RT: 6.94 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

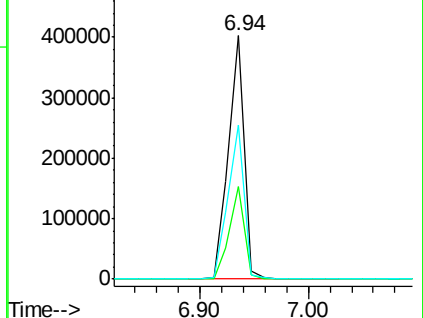
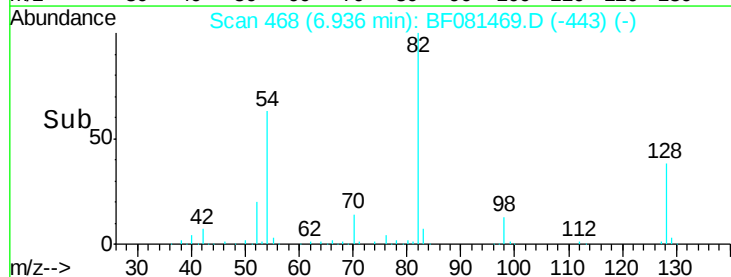
Tgt Ion: 82	Resp:	402788
Ion Ratio	Lower	Upper
82	100	
128	38.0	51.0 76.6#
54	63.5	47.5 71.3

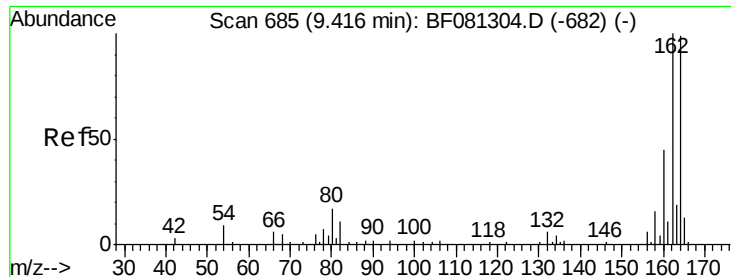


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

Instrument :

BNA_F

ClientSampleId :

MGP226BR-60-61

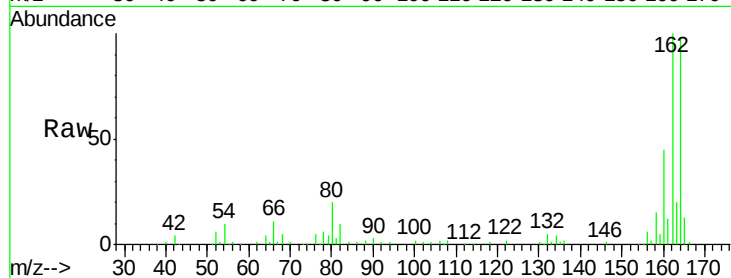
Tot Ion:164 Resp: 98463

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

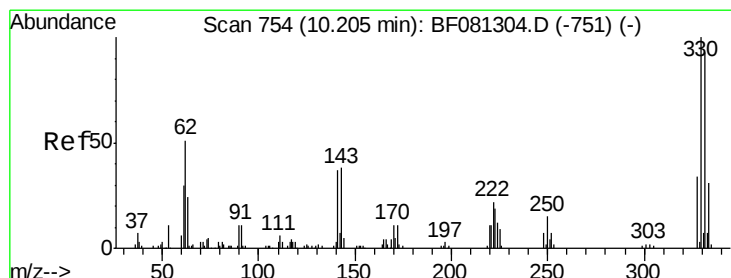
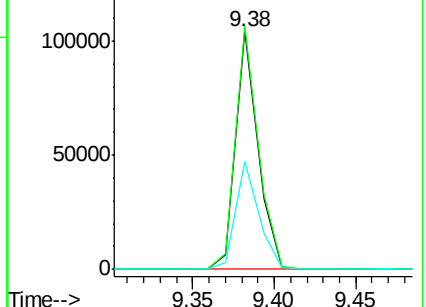
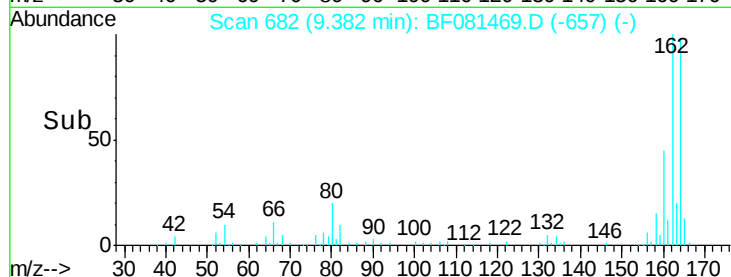
160 45.5 31.5 47.3



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: 134.37 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

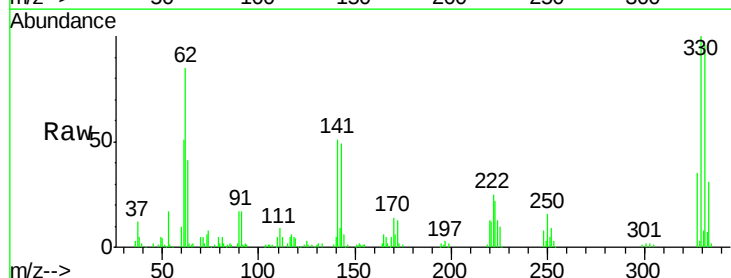
Tgt Ion:330 Resp: 117801

Ion Ratio Lower Upper

330 100

332 95.6 76.6 114.8

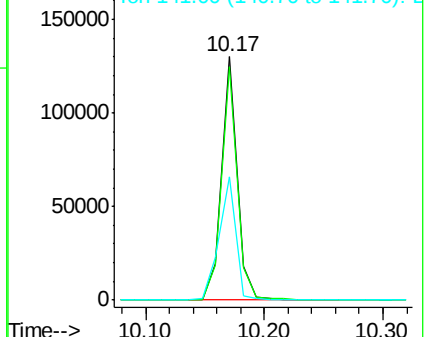
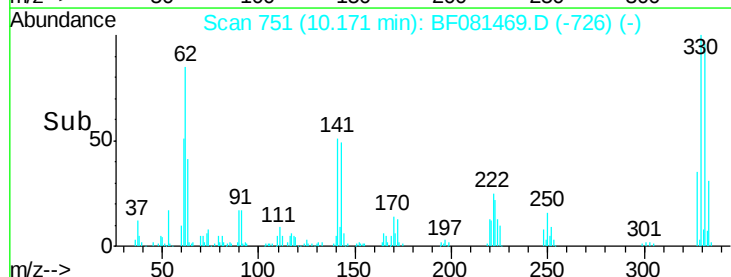
141 54.0 29.7 44.5#

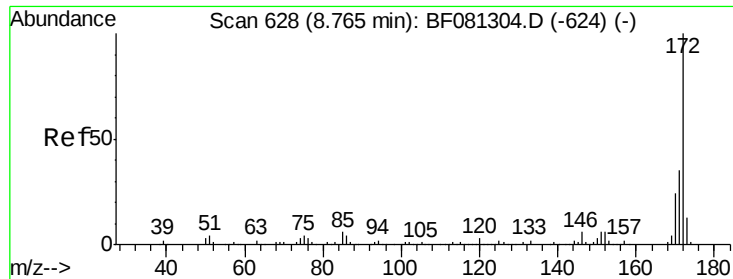


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

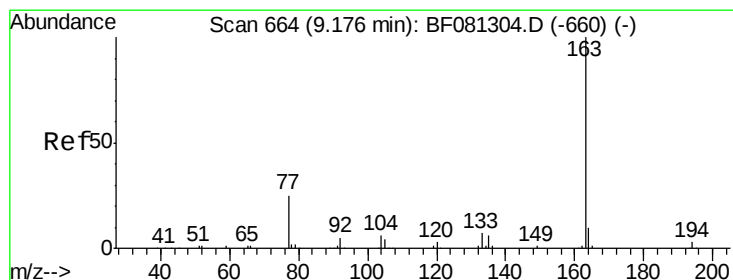
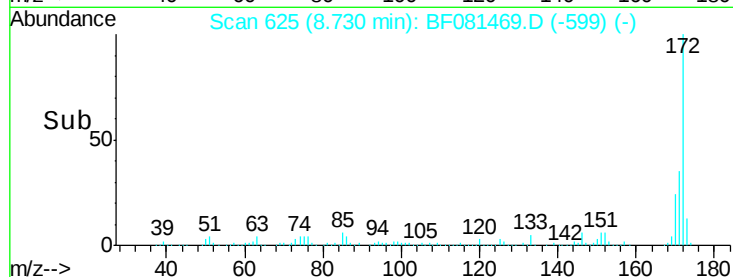
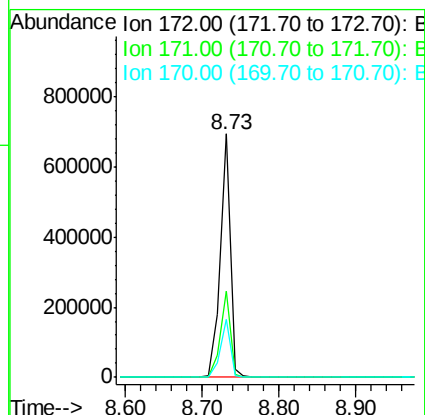
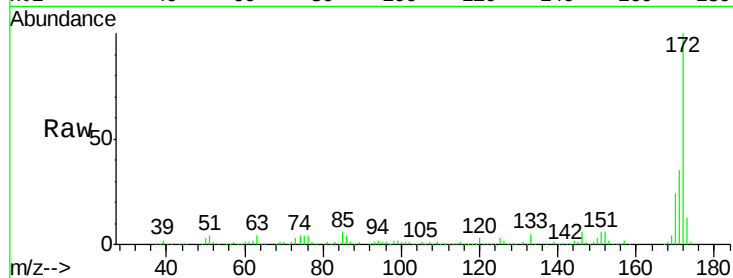




#44
2-Fluorobiphenyl
Concen: 81.64 ng
RT: 8.73 min Scan# 625
Delta R.T. 0.00 min
Lab File: BF081469.D
Acq: 5 Sep 2015 17:21

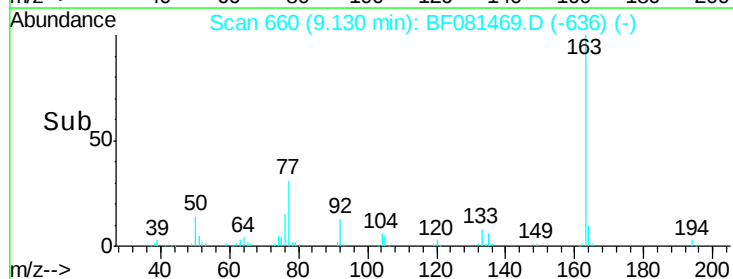
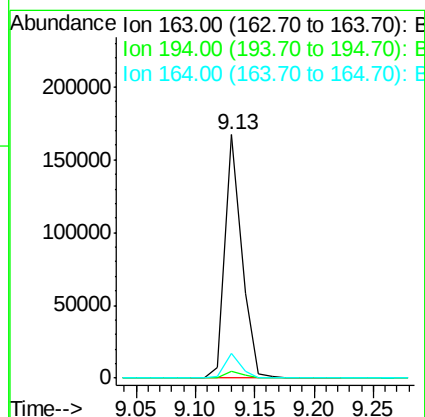
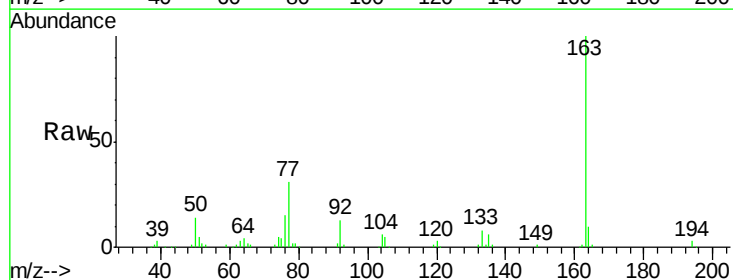
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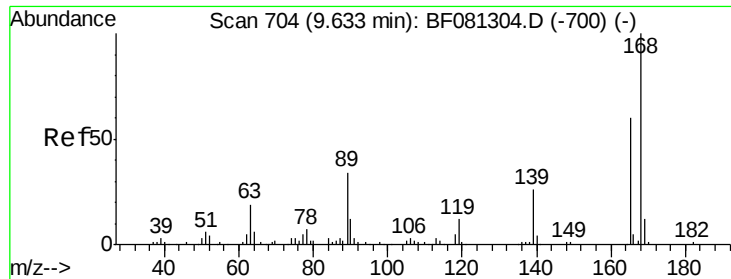
Tot Ion:172 Resp: 627244
Ion Ratio Lower Upper
172 100
171 35.3 26.1 39.1
170 23.7 17.4 26.2



#49
Dimethylphthalate
Concen: 21.44 ng
RT: 9.13 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF081469.D
Acq: 5 Sep 2015 17:21

Tgt Ion:163 Resp: 164010
Ion Ratio Lower Upper
163 100
194 2.8 4.4 6.6#
164 10.2 8.3 12.5

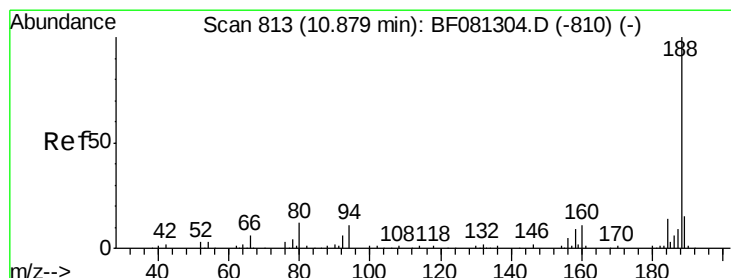
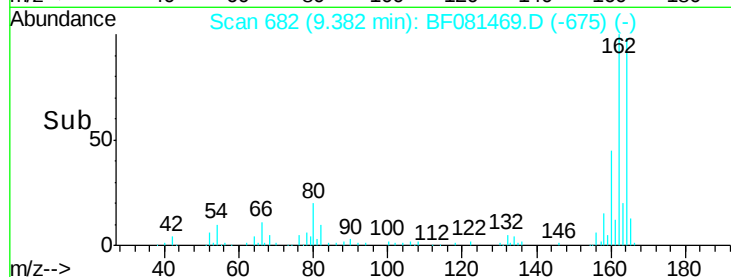
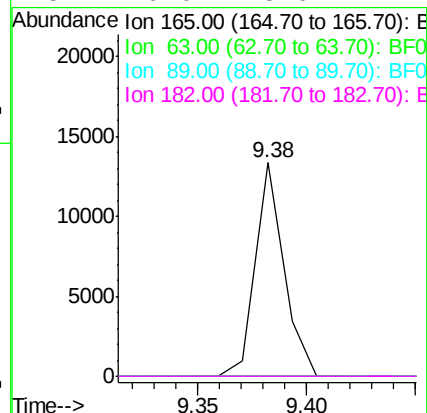
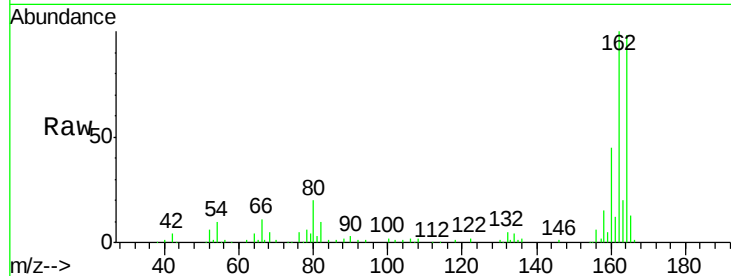




#56
 2,4-Dinitrotoluene
 Concen: 5.51 ng
 RT: 9.38 min Scan# 682
 Delta R.T. -0.22 min
 Lab File: BF081469.D
 Acq: 5 Sep 2015 17:21

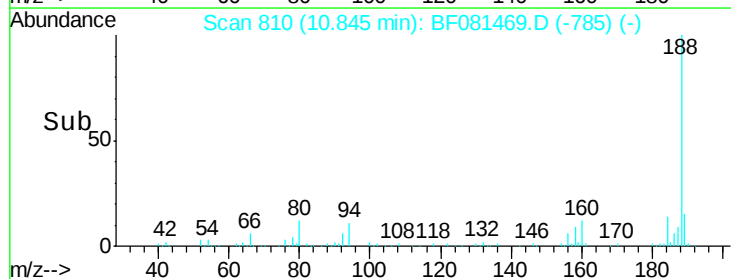
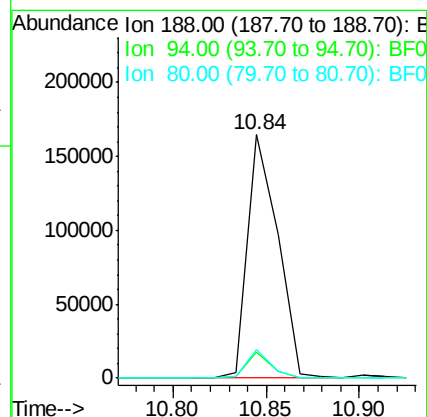
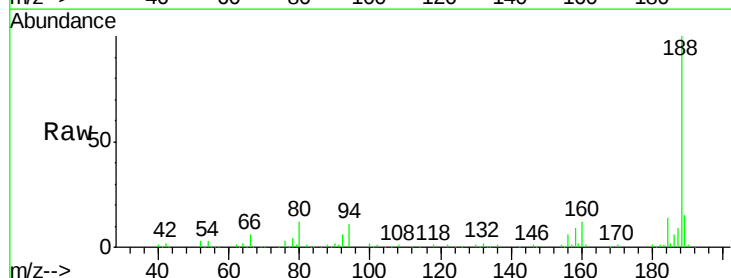
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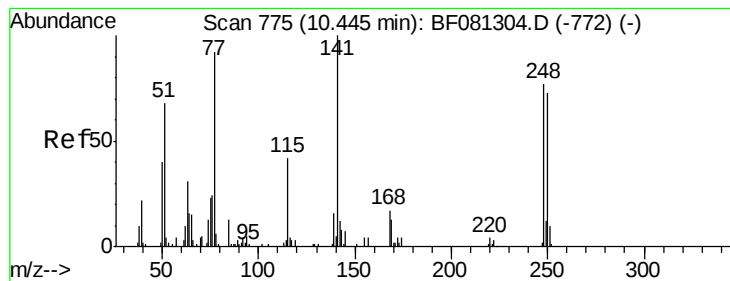
Tot Ion:	165	Resp:	12180
Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.84 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF081469.D
 Acq: 5 Sep 2015 17:21

Tgt Ion:	188	Resp:	185542
Ion	Ratio	Lower	Upper
188	100		
94	10.5	11.1	16.7#
80	11.9	11.0	16.4





#66

4-Bromophenyl-phenylether

Concen: 5.15 ng

RT: 10.17 min Scan# 751

Delta R.T. -0.25 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

Instrument :

BNA_F

ClientSampleId :

MGP226BR-60-61

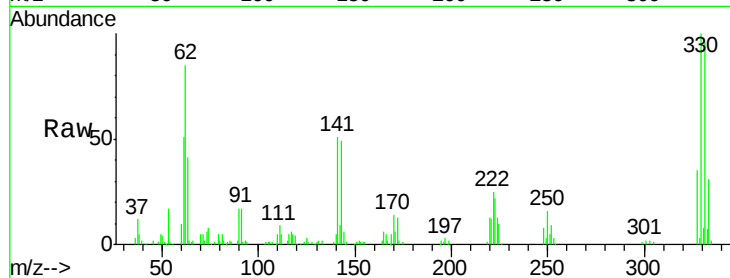
Tot Ion:248 Resp: 9655

Ion Ratio Lower Upper

248 100

250 185.3 78.5 117.7#

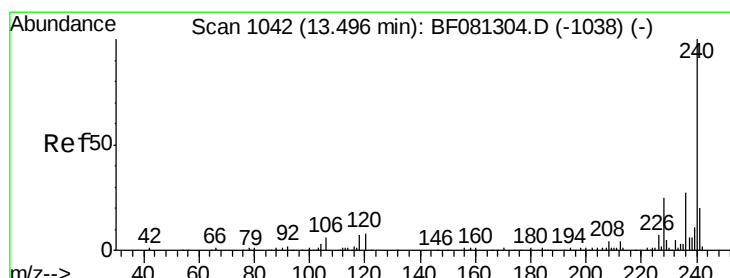
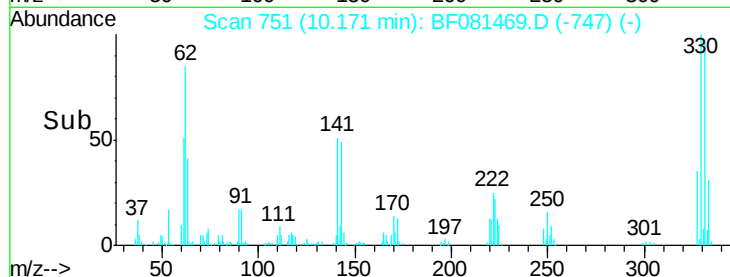
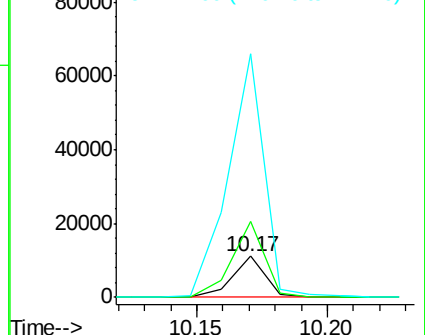
141 597.4 59.0 88.6#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.45 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF081469.D

Acq: 5 Sep 2015 17:21

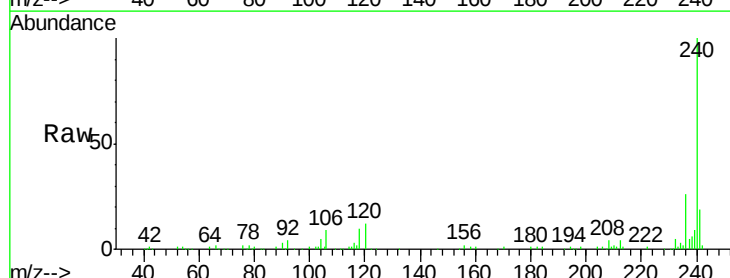
Tgt Ion:240 Resp: 135530

Ion Ratio Lower Upper

240 100

120 11.8 16.2 24.2#

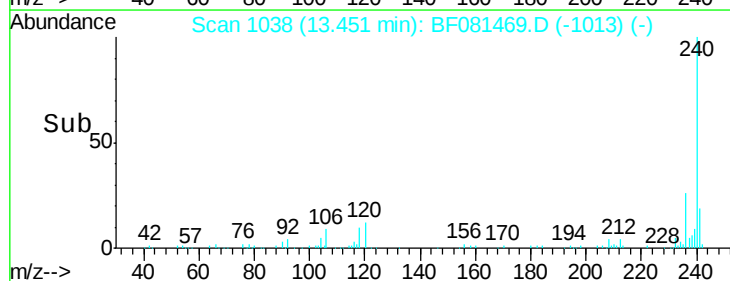
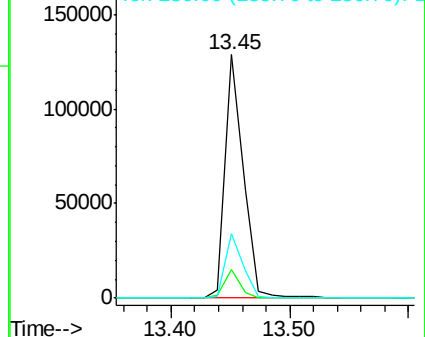
236 26.2 18.4 27.6

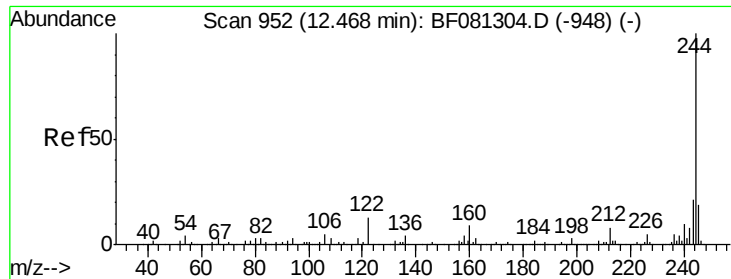


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

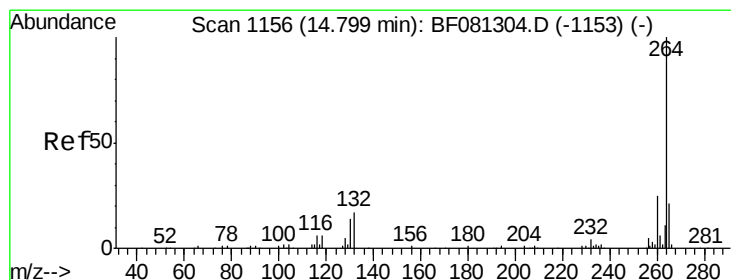
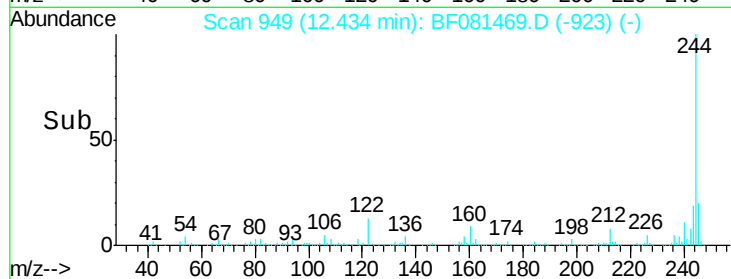
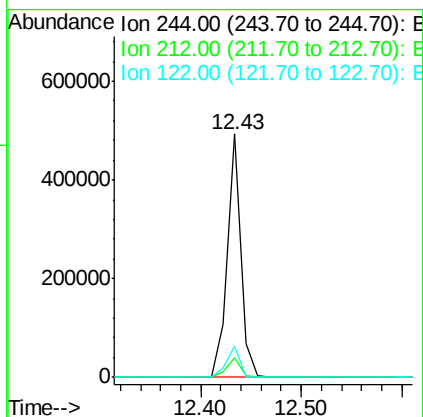
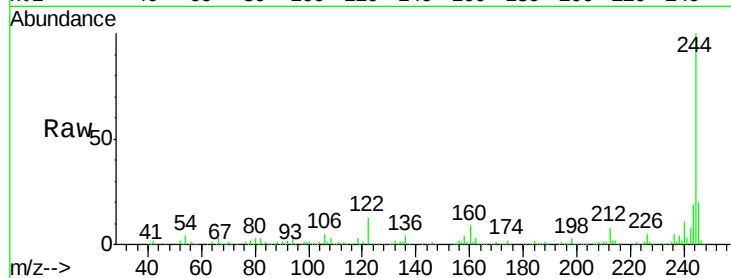




#78
 Terphenyl-d14
 Concen: 79.61 ng
 RT: 12.43 min Scan# 949
 Delta R.T. 0.00 min
 Lab File: BF081469.D
 Acq: 5 Sep 2015 17:21

Instrument :
 BNA_F
 ClientSampleId :
 MGP226BR-60-61

Tot Ion:244 Resp: 463500
 Ion Ratio Lower Upper
 244 100
 212 8.0 4.3 6.5#
 122 12.9 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.77 min Scan# 1153
 Delta R.T. 0.00 min
 Lab File: BF081469.D
 Acq: 5 Sep 2015 17:21

Tgt Ion:264 Resp: 103808
 Ion Ratio Lower Upper
 264 100
 260 22.4 16.7 25.1
 265 21.1 17.2 25.8

