

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082403.D
 Acq On : 21 Oct 2015 14:42
 Operator : UM/IZ
 Sample : G4099-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68

Quant Time: Oct 22 09:21:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

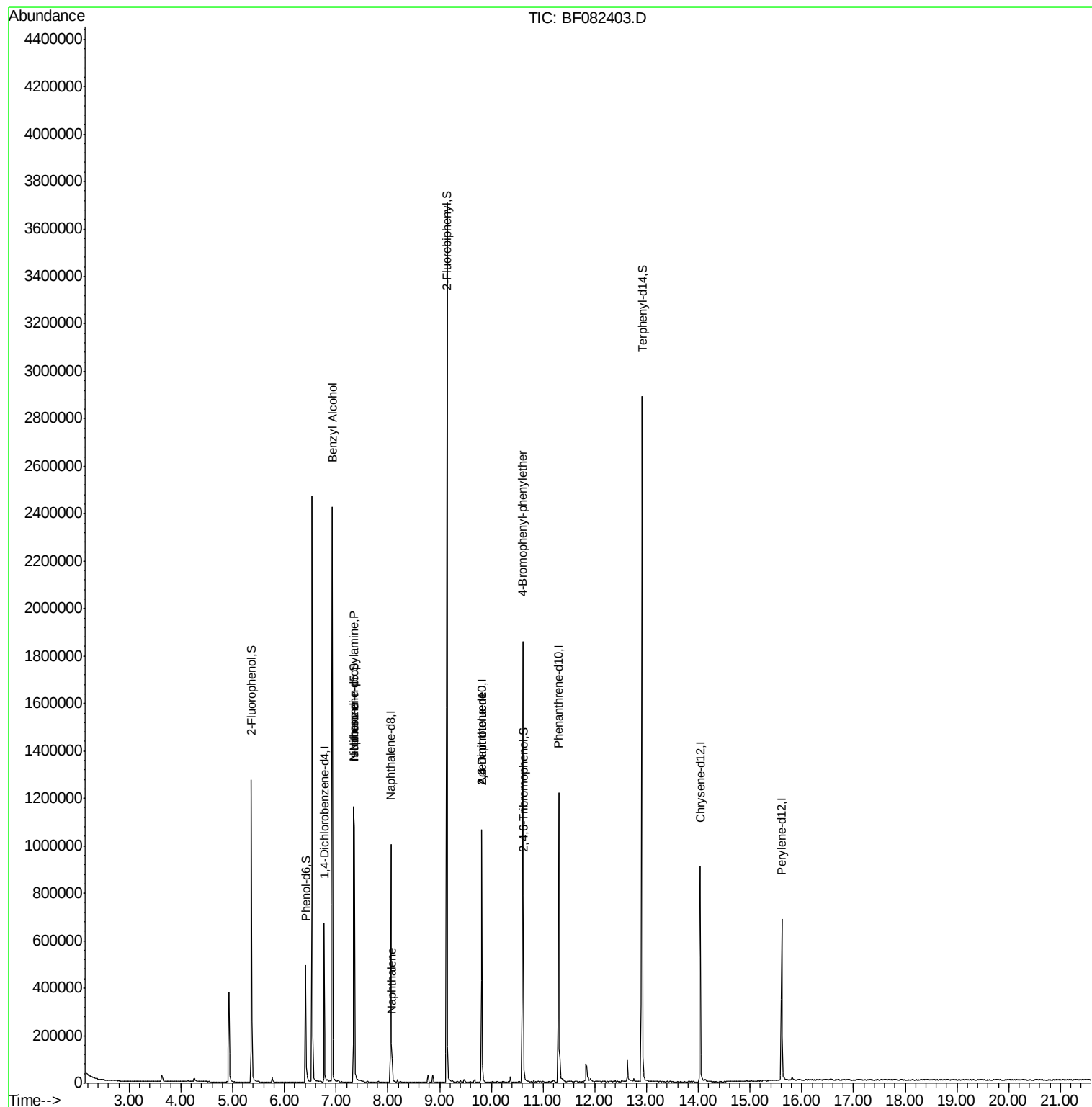
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	115646	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	464834	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	243159	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	483604	20.00	ng	0.00
75) Chrysene-d12	14.04	240	437342	20.00	ng	0.02
86) Perylene-d12	15.61	264	342690	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	362126	63.20	ng	0.00
7) Phenol-d6	6.41	99	282434	37.88	ng	-0.01
23) Nitrobenzene-d5	7.34	82	638831	92.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	252315	110.65	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1330929	90.77	ng	0.00
78) Terphenyl-d14	12.92	244	1348021	81.68	ng	0.01
Target Compounds						
15) Benzyl Alcohol	6.93	79	10534	2.05	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	80594	15.39	ng	# 81
25) Isophorone	7.34	82	590799	42.29	ng	# 66
31) Naphthalene	8.08	128	42658	2.12	ng	# 99
50) 2,6-Dinitrotoluene	9.82	165	30440	8.43	ng	# 32
55) 4-Nitrophenol	10.02	139	283	Below Cal		# 11
56) 2,4-Dinitrotoluene	9.82	165	30440	6.74	ng	# 23
66) 4-Bromophenyl-phenylether	10.61	248	18515	3.83	ng	# 1

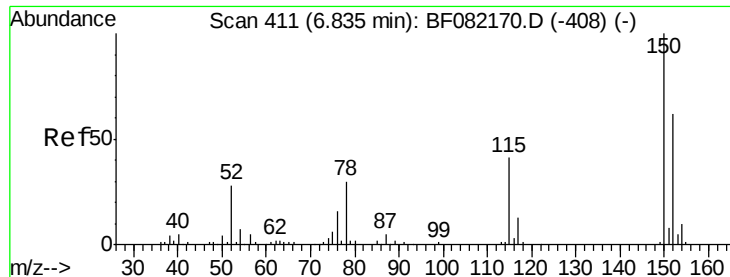
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

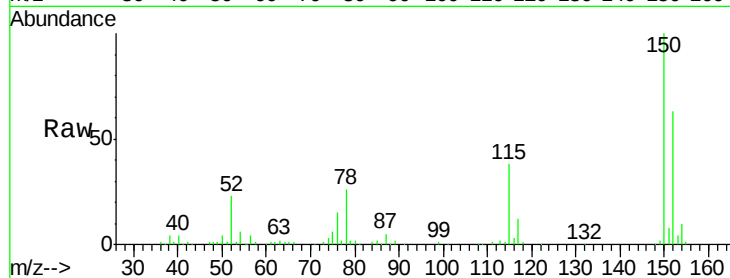
Tot Ion:152 Resp: 115646

Ion Ratio Lower Upper

152 100

150 158.7 129.0 193.4

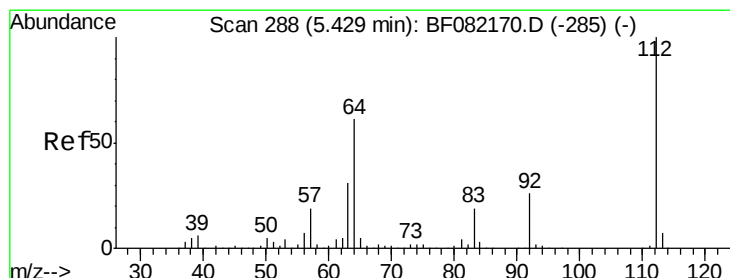
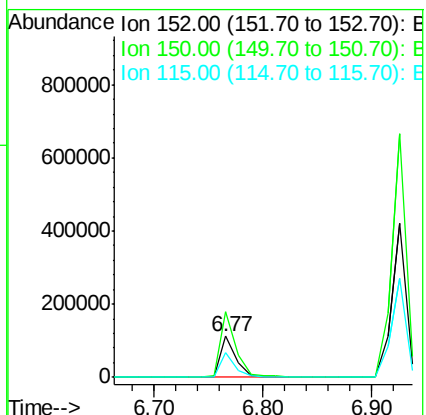
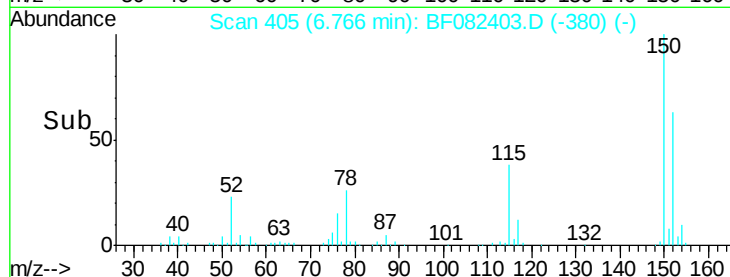
115 60.2 52.1 78.1



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: 63.20 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

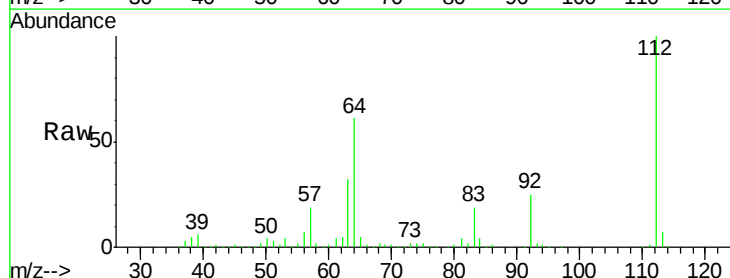
Tgt Ion:112 Resp: 362126

Ion Ratio Lower Upper

112 100

64 60.9 48.6 73.0

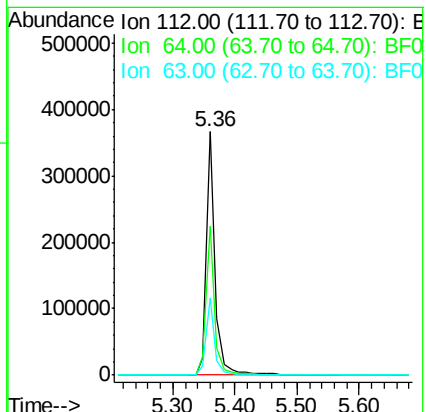
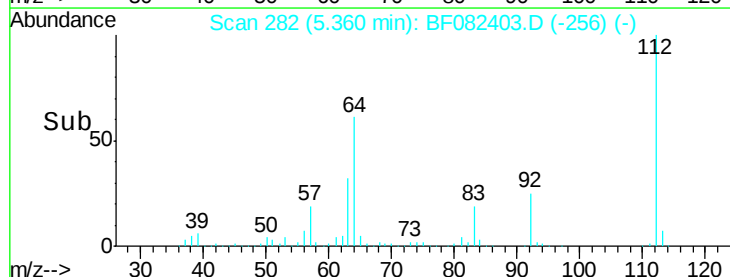
63 31.7 25.1 37.7

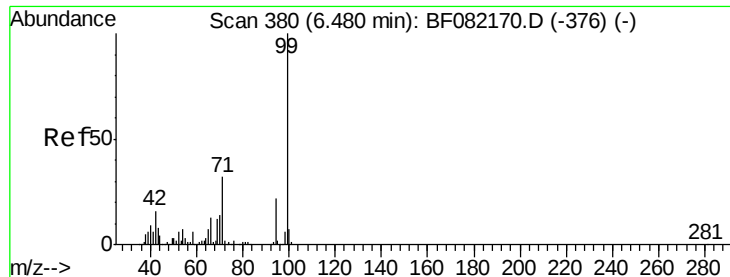


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.88 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

Instrument :

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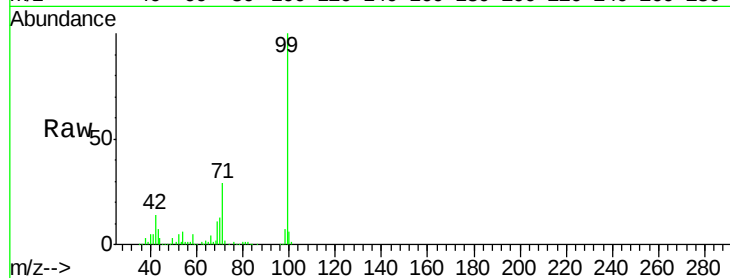
Tot Ion: 99 Resp: 282434

Ion Ratio Lower Upper

99 100

42 14.0 13.2 19.8

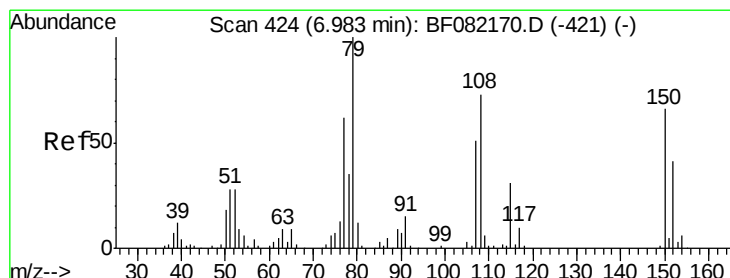
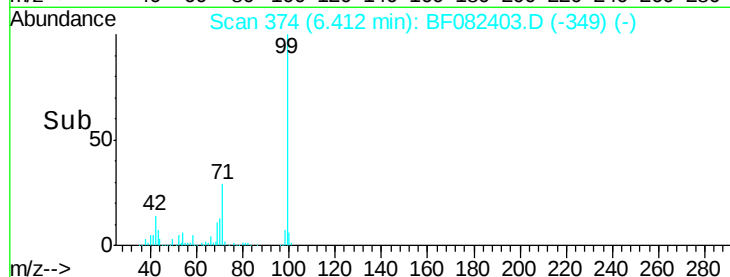
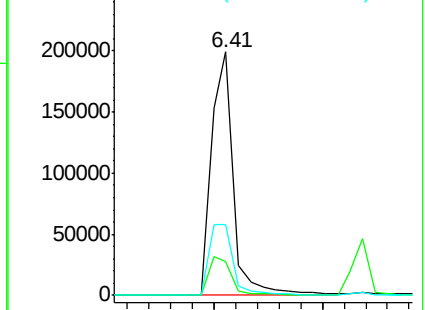
71 29.0 25.6 38.4



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.93 min Scan# 419

Delta R.T. -0.00 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

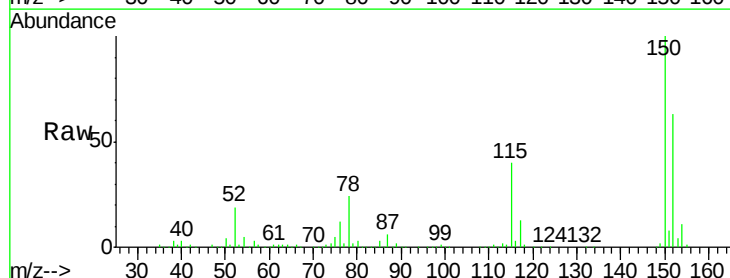
Tgt Ion: 79 Resp: 10534

Ion Ratio Lower Upper

79 100

108 31.3 58.4 87.6#

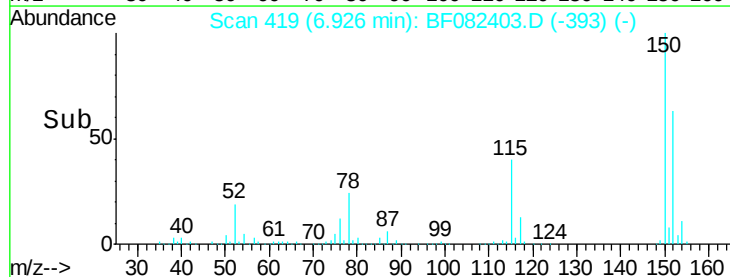
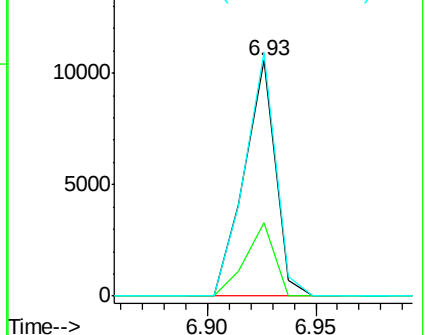
77 103.4 49.8 74.6#

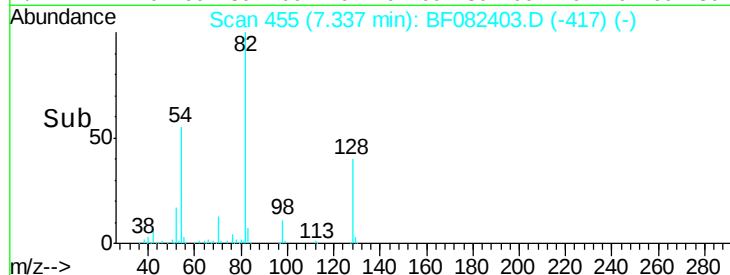
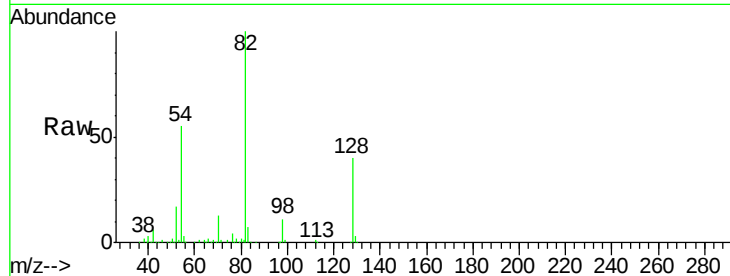
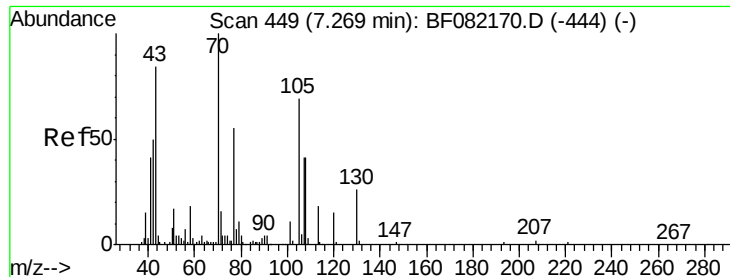


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

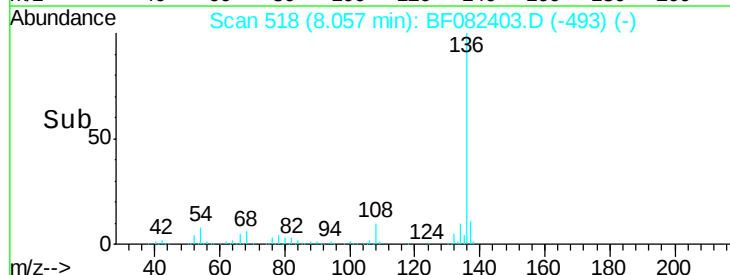
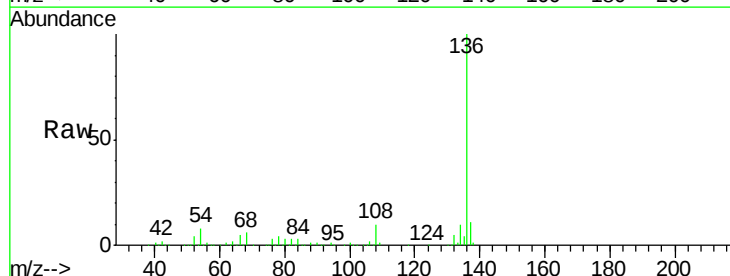
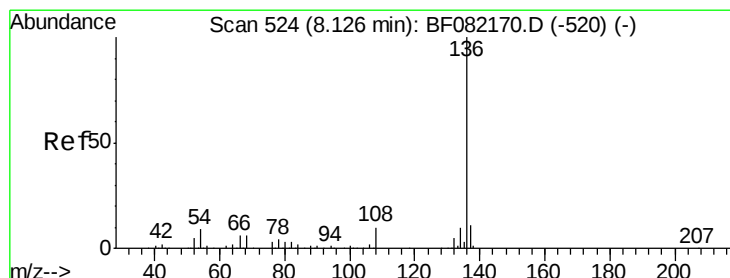
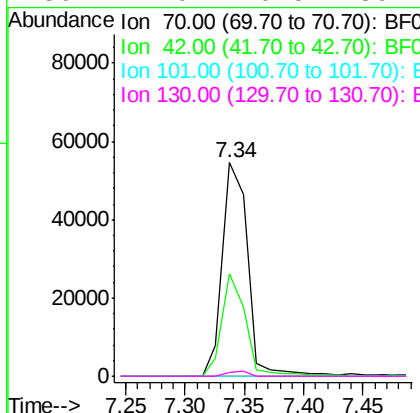




#19
n-Nitroso-di-n-propylamine
Concen: 15.39 ng
RT: 7.34 min Scan# 455
Delta R.T. 0.14 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

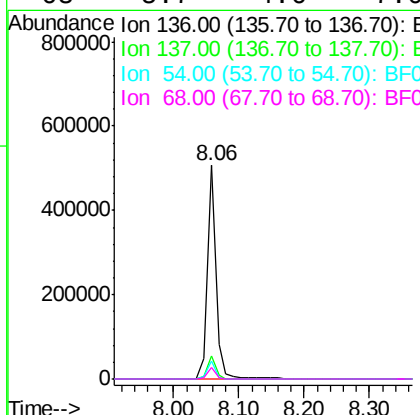
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

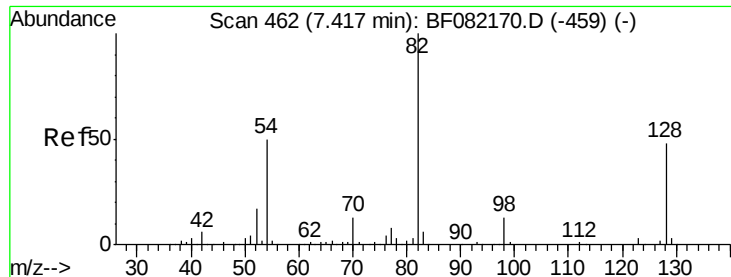
Tot Ion: 70 Resp: 80594
Ion Ratio Lower Upper
70 100
42 47.9 39.8 59.8
101 0.0 8.6 13.0#
130 2.0 20.5 30.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion: 136 Resp: 464834
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 8.1 7.5 11.3
68 5.7 4.6 7.0

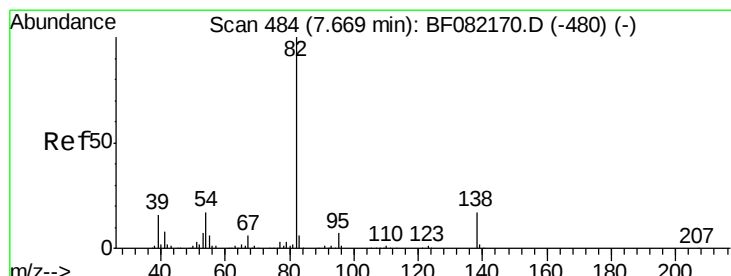
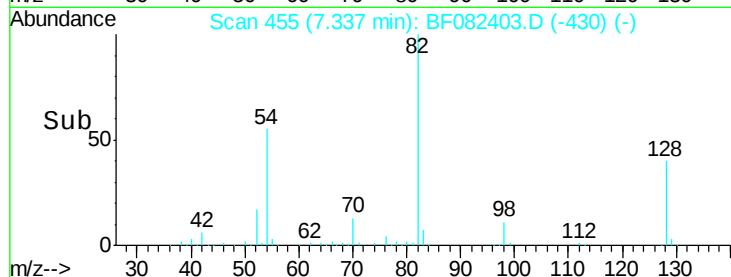
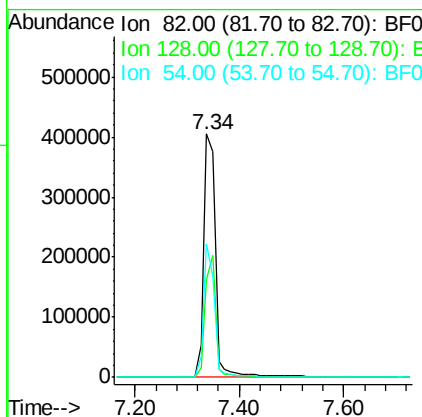
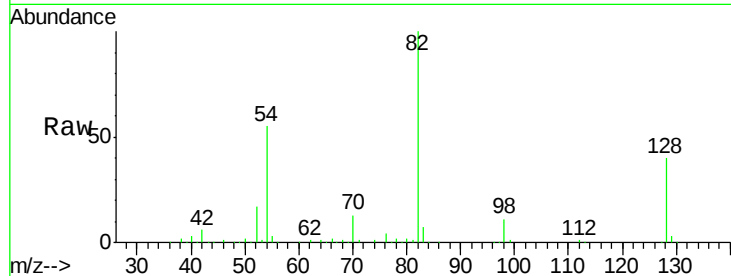




#23
 Nitrobenzene-d5
 Concen: 92.29 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.01 min
 Lab File: BF082403.D
 Acq: 21 Oct 2015 14:42

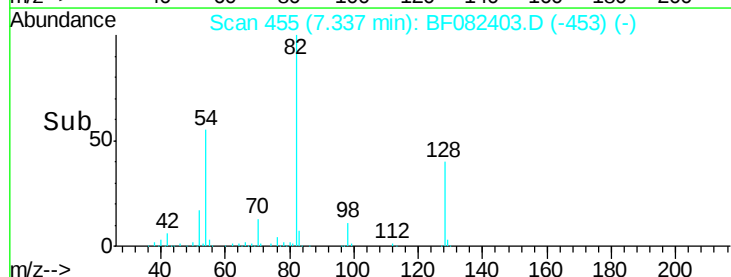
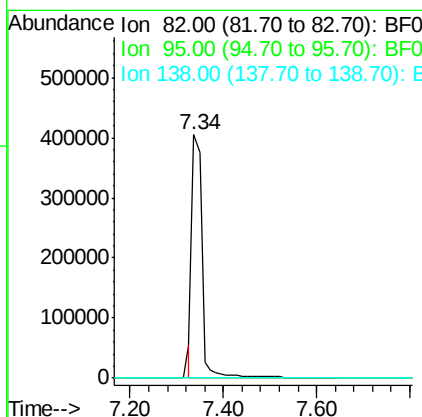
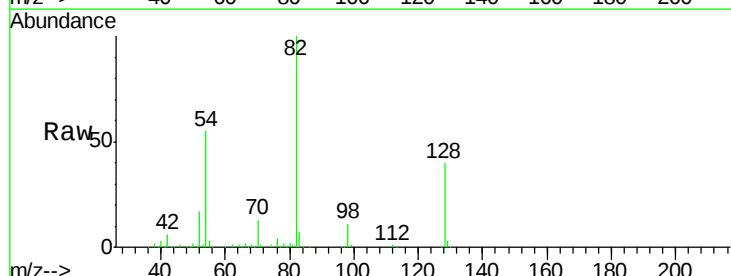
Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68

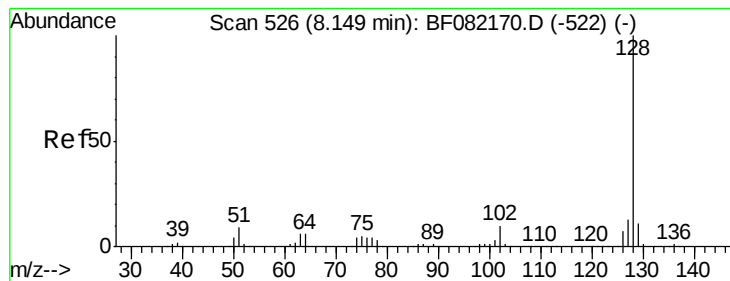
Tot Ion: 82 Resp: 638831
 Ion Ratio Lower Upper
 82 100
 128 40.2 38.7 58.1
 54 54.9 40.1 60.1



#25
 Isophorone
 Concen: 42.29 ng
 RT: 7.34 min Scan# 455
 Delta R.T. -0.27 min
 Lab File: BF082403.D
 Acq: 21 Oct 2015 14:42

Tgt Ion: 82 Resp: 590799
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 13.6 20.4#





#31

Naphthalene

Concen: 2.12 ng

RT: 8.08 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

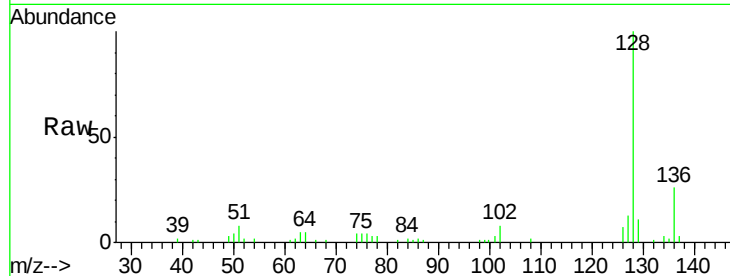
Tot Ion:128 Resp: 42658

Ion Ratio Lower Upper

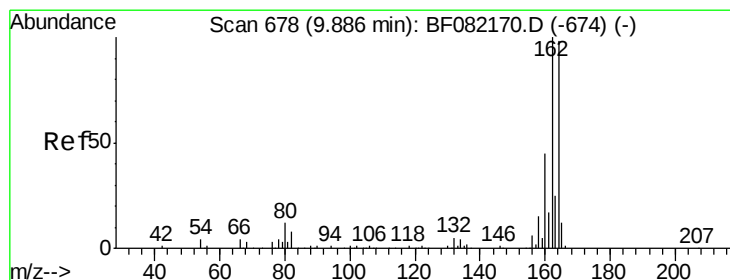
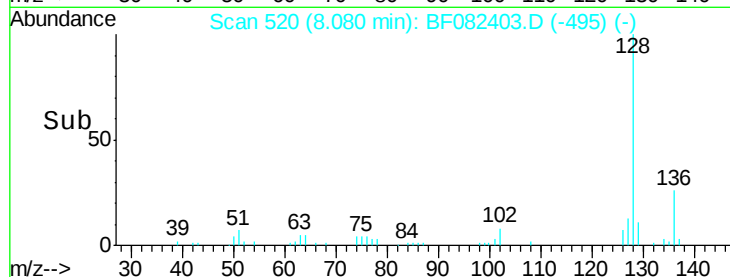
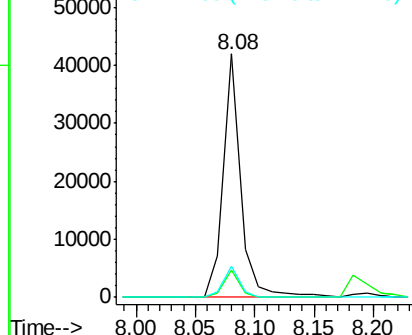
128 100

129 11.1 9.1 13.7

127 12.8 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

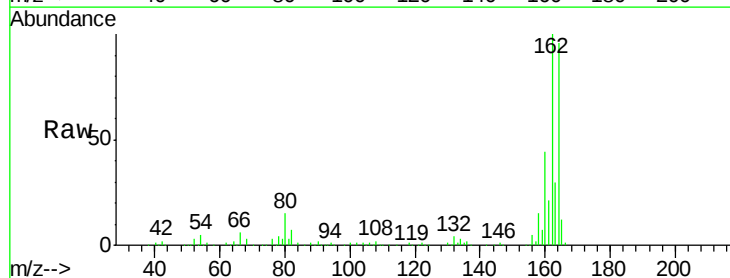
Tgt Ion:164 Resp: 243159

Ion Ratio Lower Upper

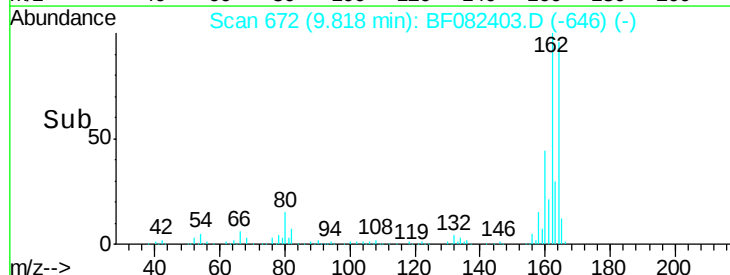
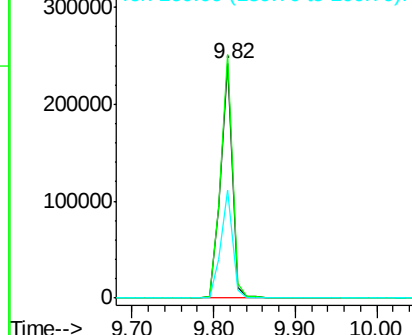
164 100

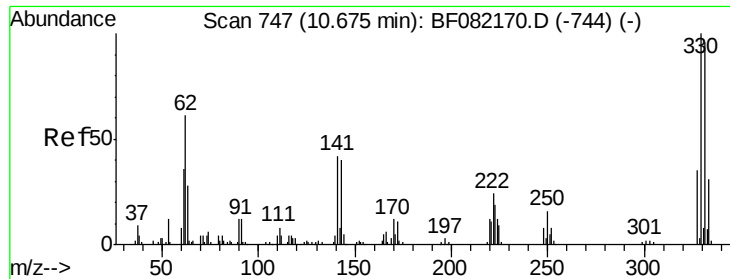
162 103.8 81.6 122.4

160 46.2 36.4 54.6



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

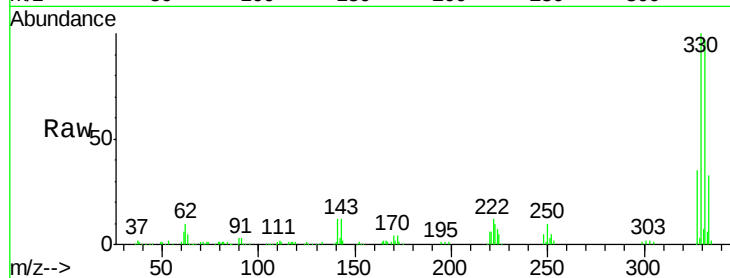




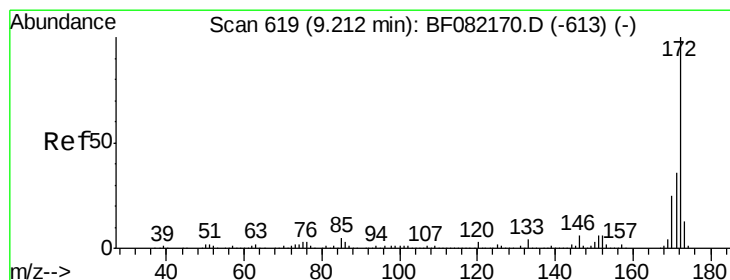
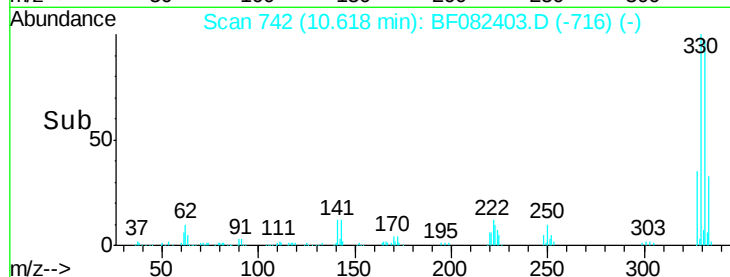
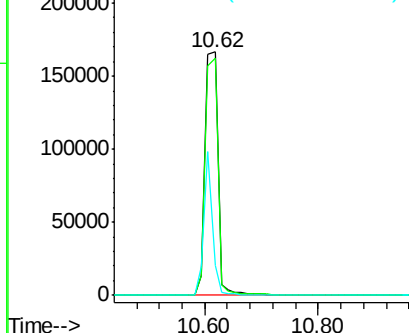
#41
 2,4,6-Tribromophenol
 Concen: 110.65 ng
 RT: 10.62 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF082403.D
 Acq: 21 Oct 2015 14:42

Instrument :
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 20151013MGP208BRV68

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	39.6	29.8	44.8

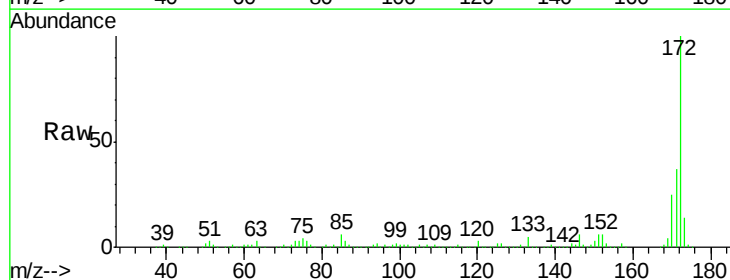


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

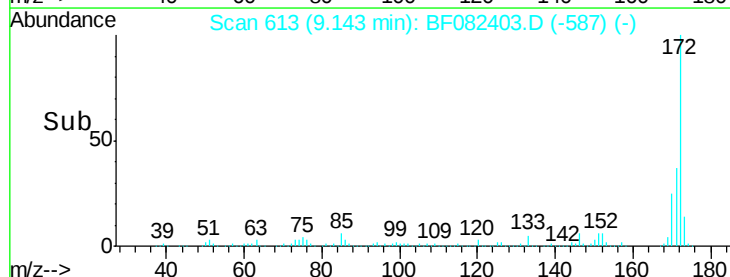
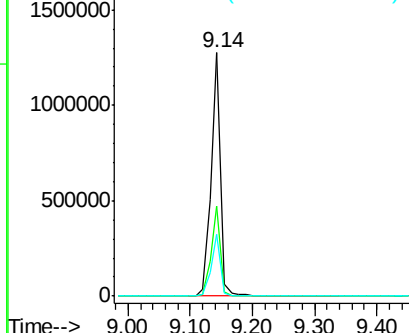


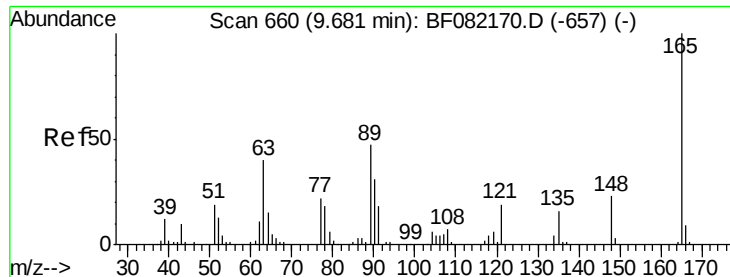
#44
 2-Fluorobiphenyl
 Concen: 90.77 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082403.D
 Acq: 21 Oct 2015 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	42.8
170	25.2	19.7	29.5



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

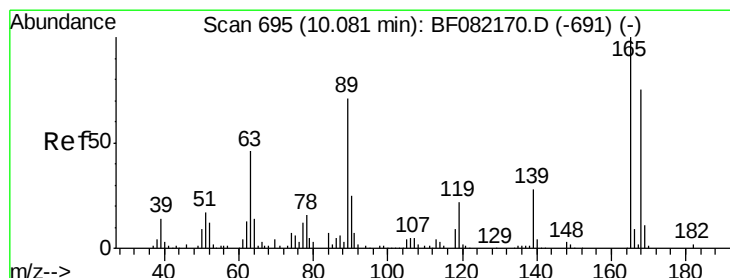
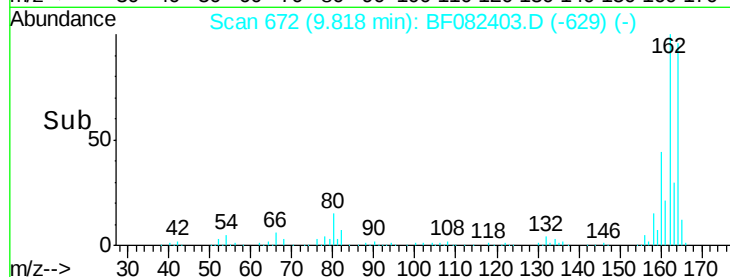
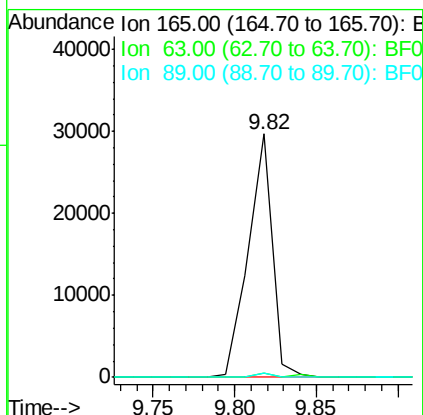
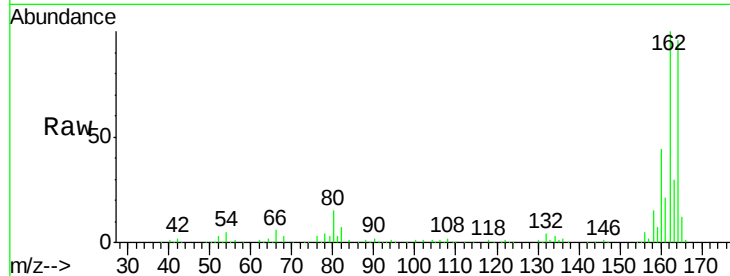




#50
2,6-Dinitrotoluene
Concen: 8.43 ng
RT: 9.82 min Scan# 672
Delta R.T. 0.19 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

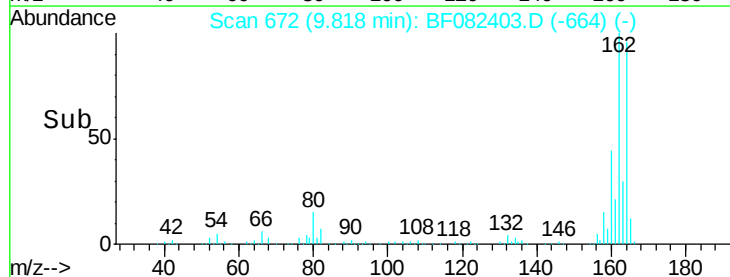
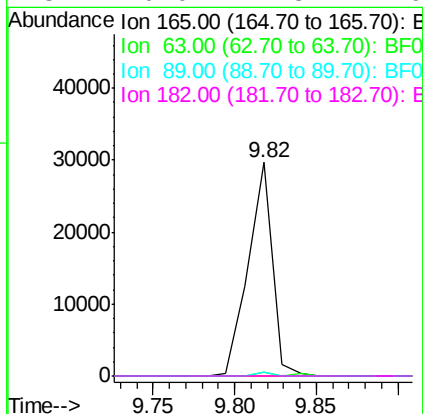
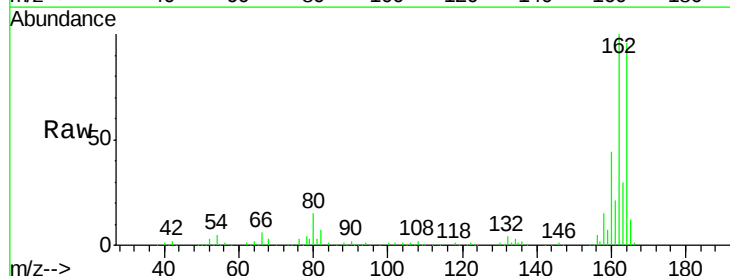
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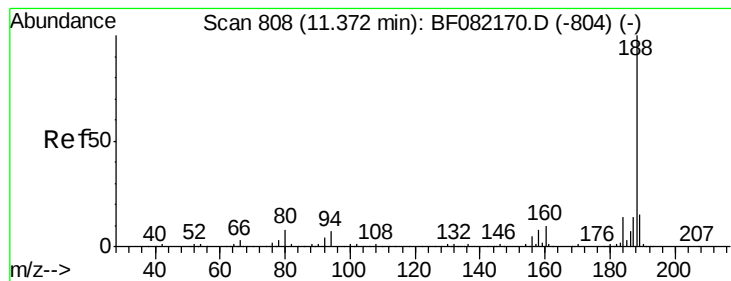
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.7	55.1#
89	1.6	37.8	56.6#



#56
2,4-Dinitrotoluene
Concen: 6.74 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	38.6	58.0#
89	1.6	57.0	85.6#
182	0.0	1.8	2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

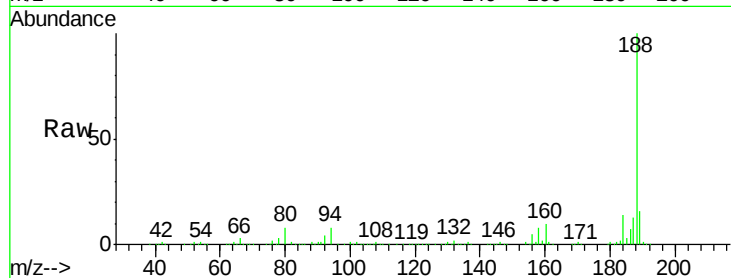
Tot Ion:188 Resp: 483604

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

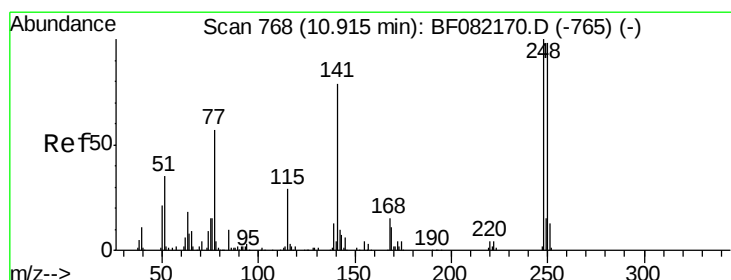
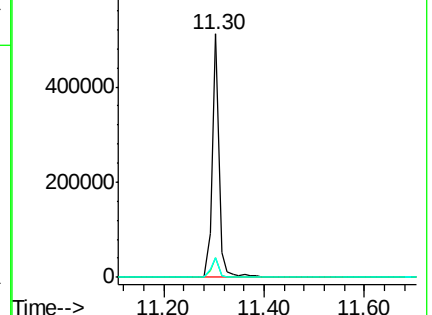
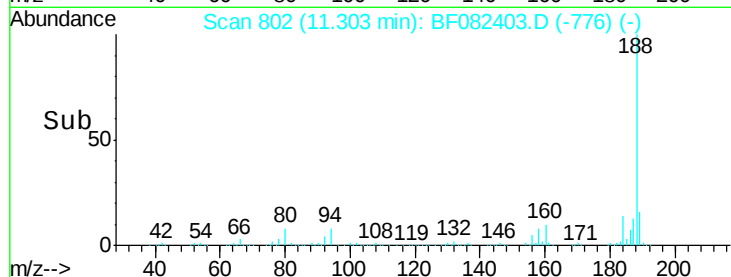
80 8.1 6.4 9.6



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



#66

4-Bromophenyl-phenylether

Concen: 3.83 ng

RT: 10.61 min Scan# 741

Delta R.T. -0.25 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

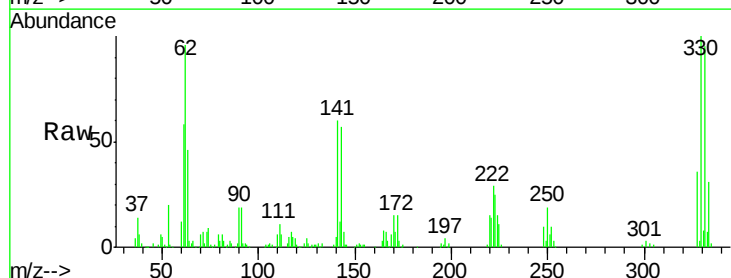
Tgt Ion:248 Resp: 18515

Ion Ratio Lower Upper

248 100

250 192.6 78.6 117.8#

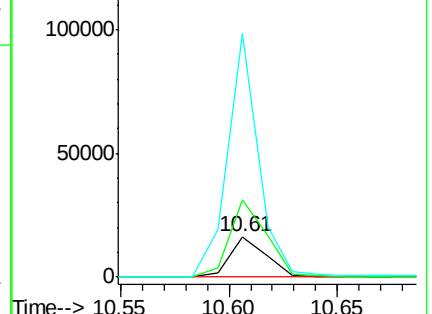
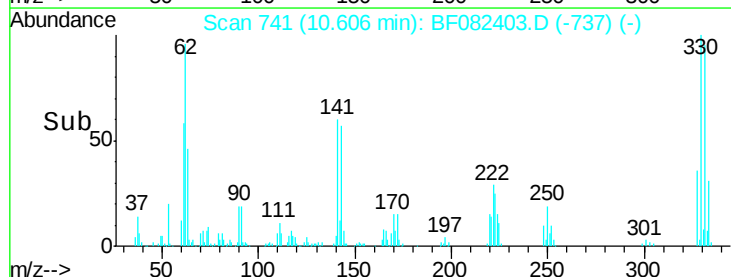
141 603.8 63.3 94.9#

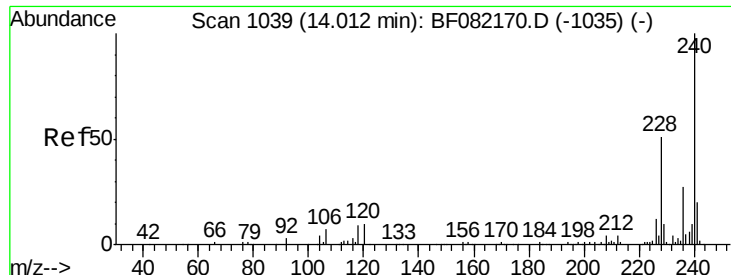


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.04 min Scan# 1041

Delta R.T. 0.02 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

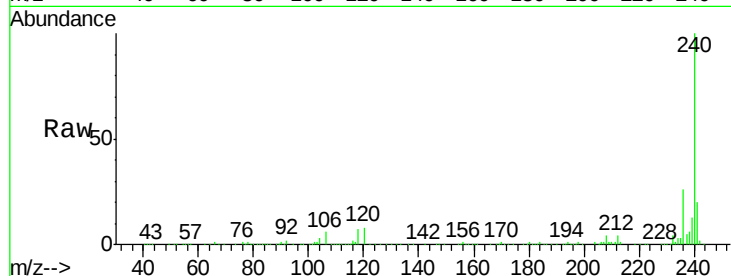
Tot Ion:240 Resp: 437342

Ion Ratio Lower Upper

240 100

120 8.0 8.1 12.1#

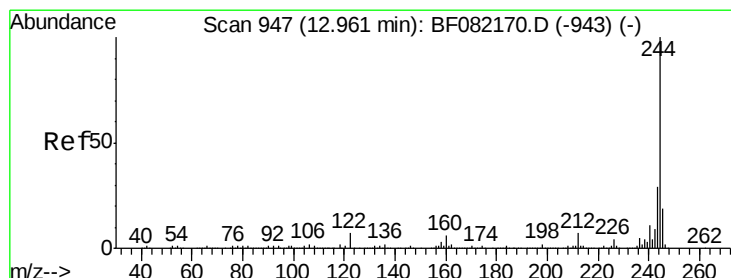
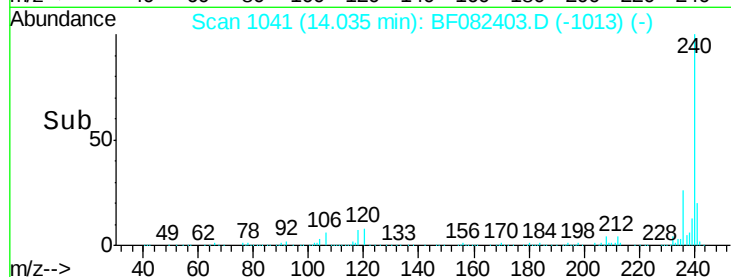
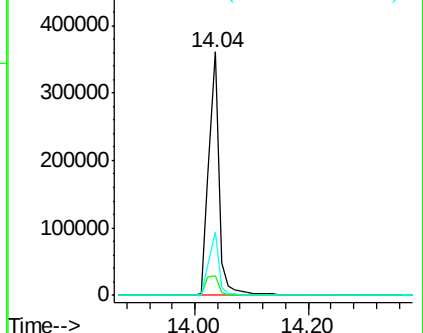
236 26.2 21.3 31.9



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: 81.68 ng

RT: 12.92 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF082403.D

Acq: 21 Oct 2015 14:42

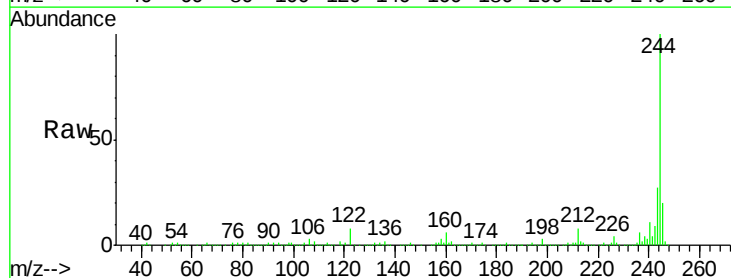
Tgt Ion:244 Resp: 1348021

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

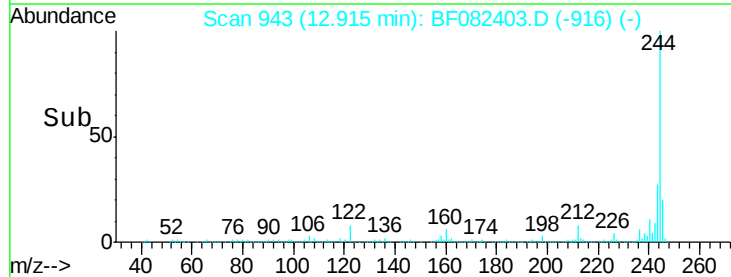
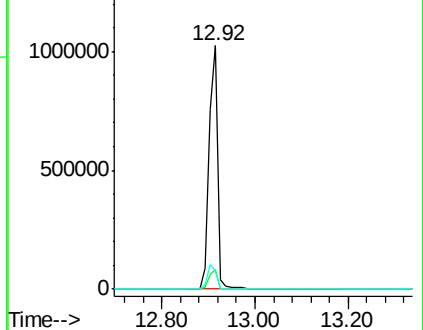
122 7.7 5.9 8.9

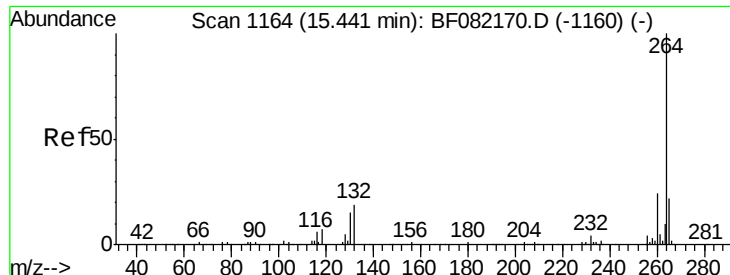


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

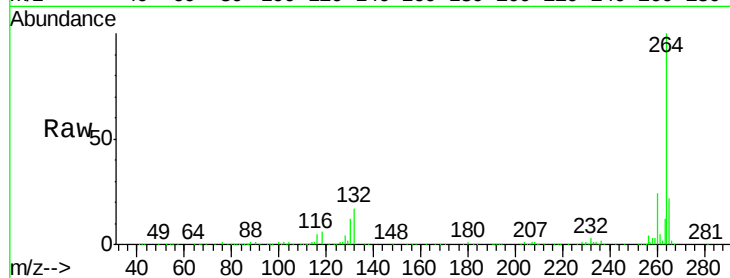




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1179
Delta R.T. 0.08 min
Lab File: BF082403.D
Acq: 21 Oct 2015 14:42

Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	22.0	17.3	25.9



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

