

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082915\
 Data File : BF081276.D
 Acq On : 29 Aug 2015 17:51
 Operator : UM/IZ
 Sample : G3474-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 31 01:06:40 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 13:58:19 2015
 Response via : Initial Calibration

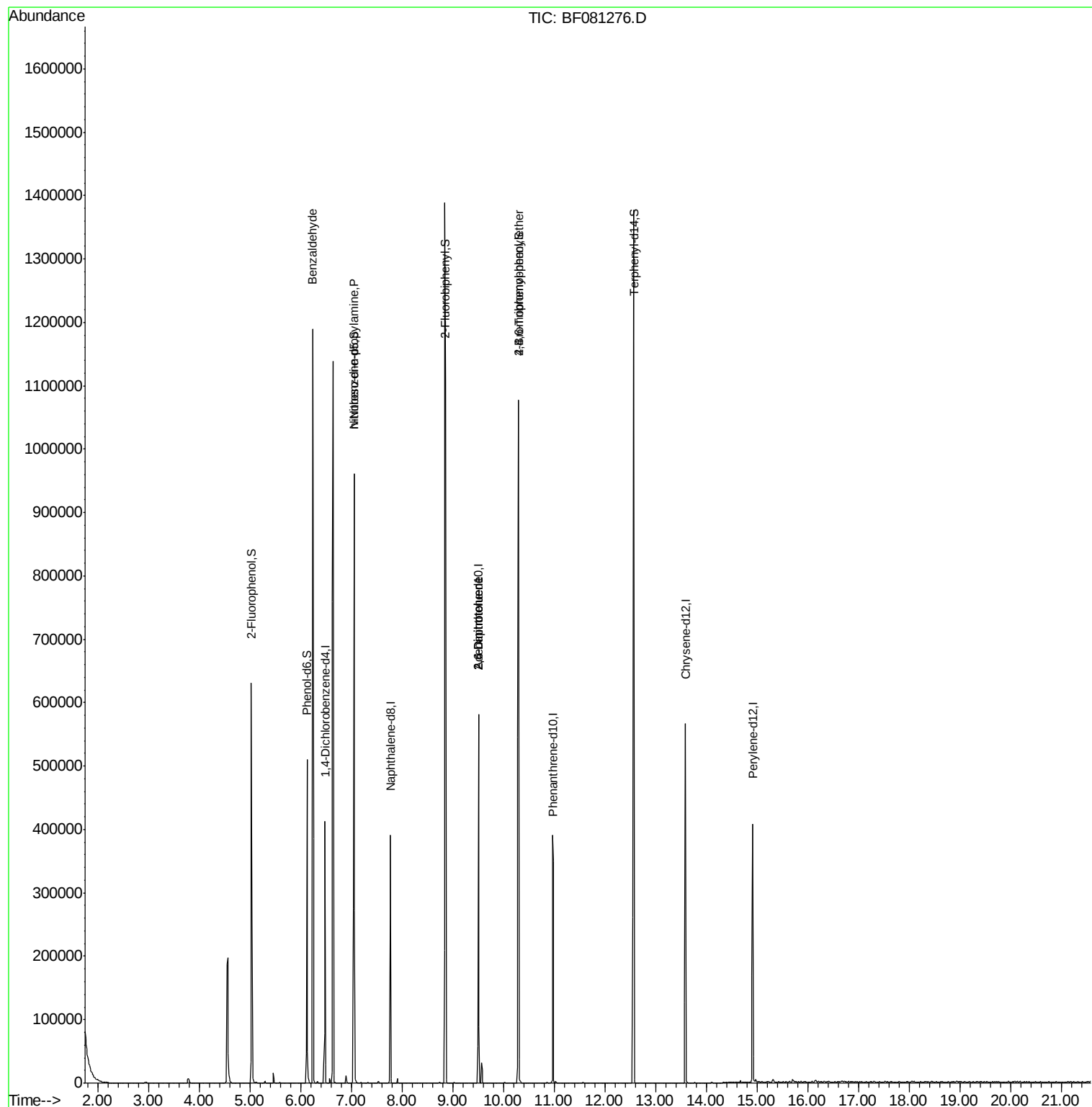
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	56115	20.00	ng	-0.06
21) Naphthalene-d8	7.77	136	221746	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	106178	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	209646	20.00	ng	-0.06
75) Chrysene-d12	13.59	240	188791	20.00	ng	-0.07
86) Perylene-d12	14.92	264	159214	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	170328	45.65	ng	-0.07
7) Phenol-d6	6.13	99	148115	30.43	ng	-0.07
23) Nitrobenzene-d5	7.05	82	350885	72.29	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	112215	121.92	ng	-0.06
44) 2-Fluorobiphenyl	8.86	172	636787	78.58	ng	-0.05
78) Terphenyl-d14	12.57	244	635819	72.20	ng	-0.06
Target Compounds						
9) Benzaldehyde	6.24	77	7798	2.48	ng	# 78
19) n-Nitroso-di-n-propylamine	7.05	70	46352	13.75	ng	# 70
50) 2,6-Dinitrotoluene	9.51	165	13276	7.07	ng	# 20
56) 2,4-Dinitrotoluene	9.51	165	13276	5.34	ng	# 16
66) 4-Bromophenyl-phenylether	10.30	248	9064	4.40	ng	# 1

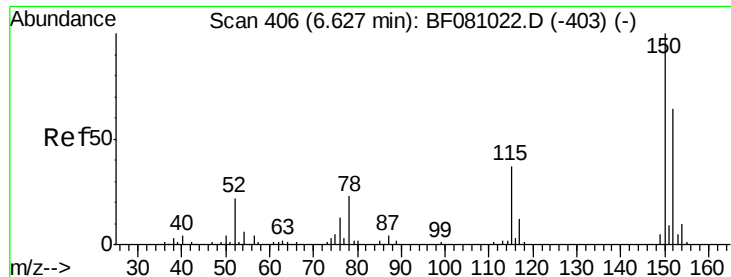
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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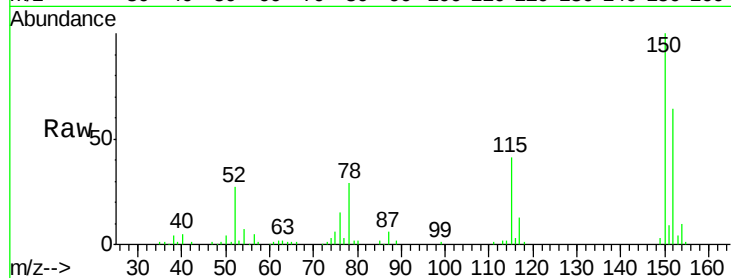


#1

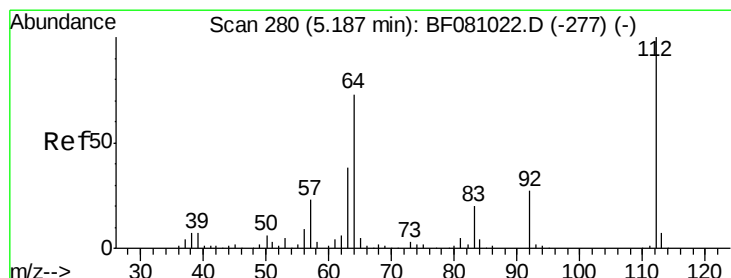
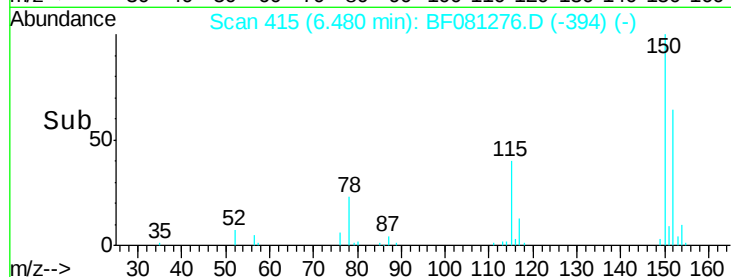
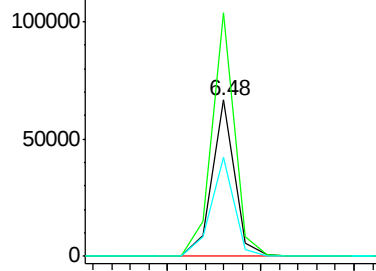
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.48 min Scan# 415
 Delta R.T. -0.06 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 56115
 Ion Ratio Lower Upper
 152 100
 150 156.0 123.8 185.6
 115 63.5 52.1 78.1



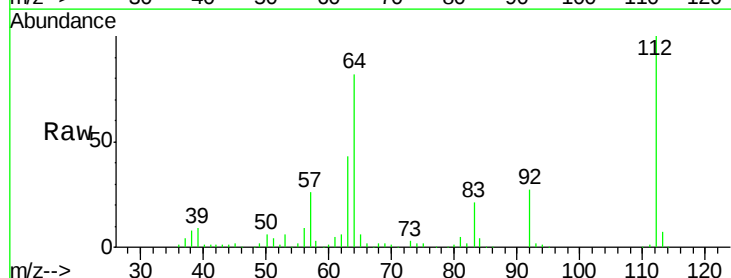
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



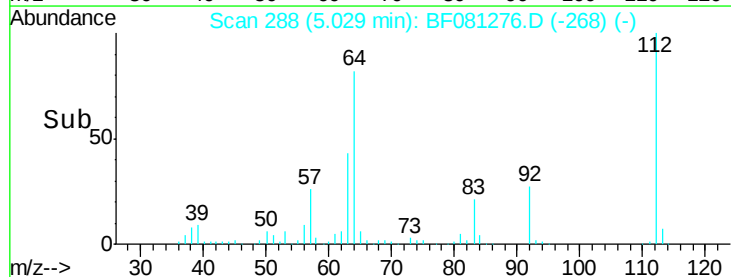
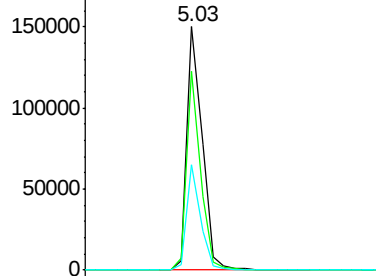
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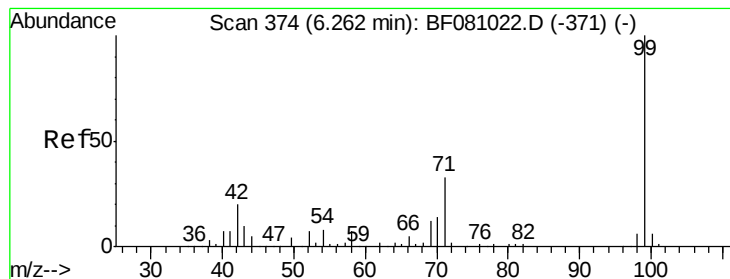
2-Fluorophenol
 Concen: 45.65 ng
 RT: 5.03 min Scan# 288
 Delta R.T. -0.07 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Tgt Ion:112 Resp: 170328
 Ion Ratio Lower Upper
 112 100
 64 81.7 66.9 100.3
 63 43.2 38.1 57.1



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: 30.43 ng

RT: 6.13 min Scan# 384

Delta R.T. -0.07 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

Instrument :

BNA_F

ClientSampleId :

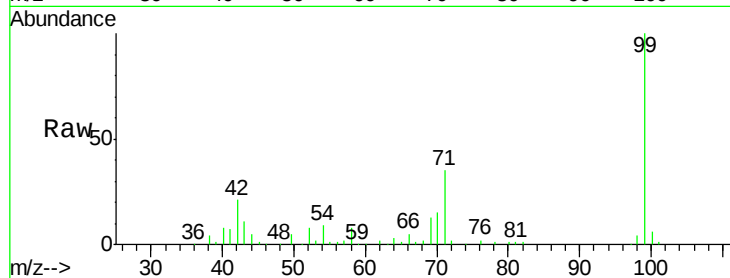
Tot Ion: 99 Resp: 148115

Ion Ratio Lower Upper

99 100

42 21.0 19.6 29.4

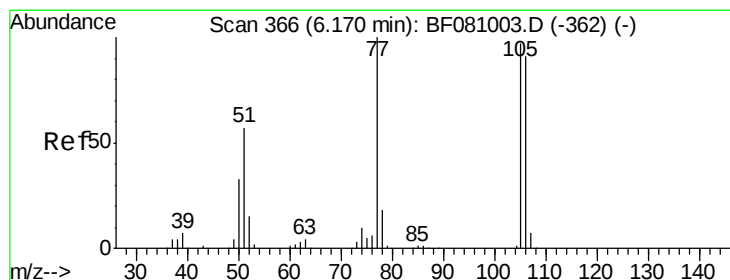
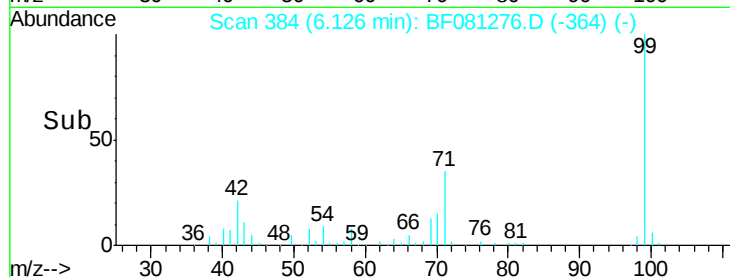
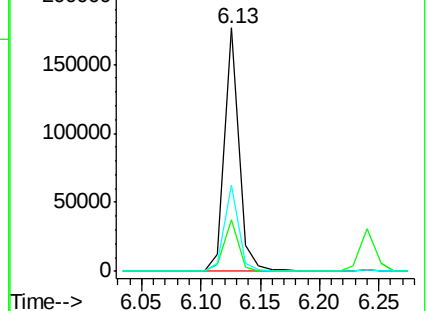
71 35.4 31.2 46.8



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



#9

Benzaldehyde

Concen: 2.48 ng

RT: 6.24 min Scan# 394

Delta R.T. 0.16 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

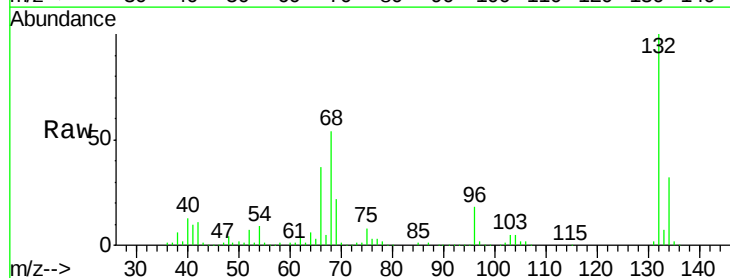
Tgt Ion: 77 Resp: 7798

Ion Ratio Lower Upper

77 100

105 68.0 69.6 109.6#

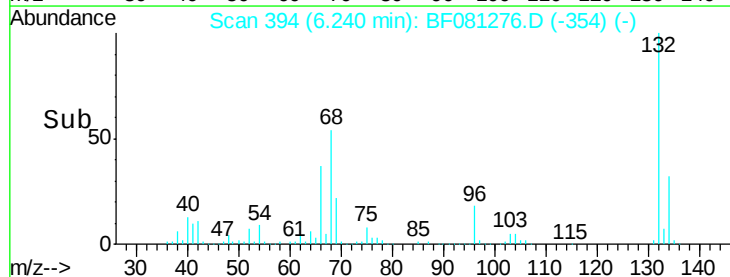
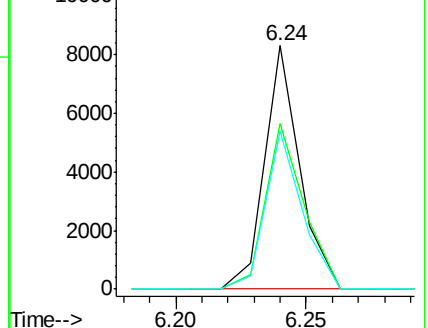
106 64.8 64.0 104.0

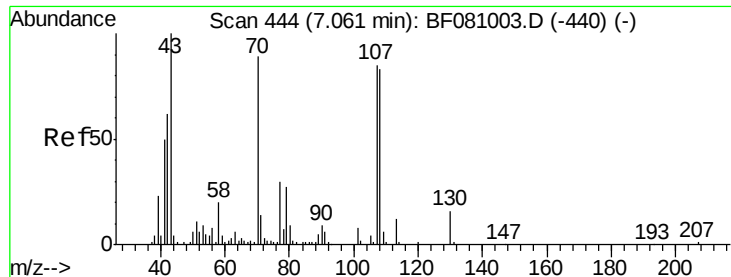


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

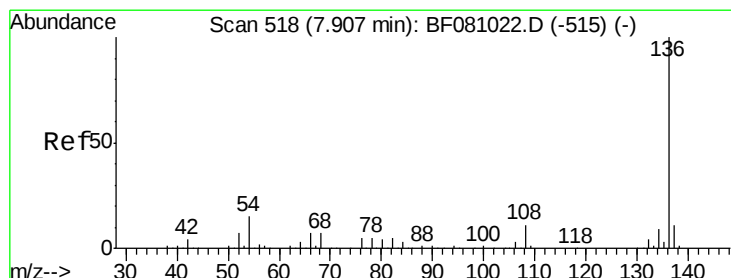
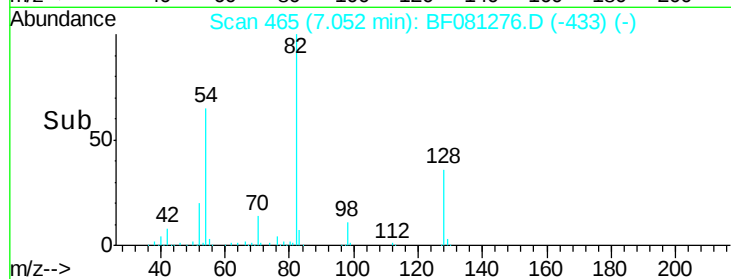
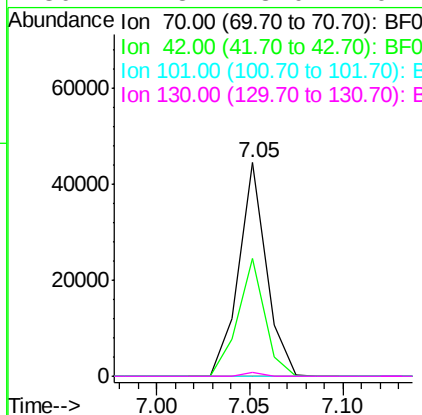
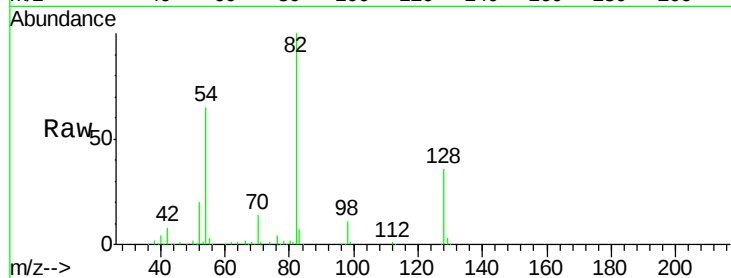




#19
n-Nitroso-di-n-propylamine
Concen: 13.75 ng
RT: 7.05 min Scan# 465
Delta R.T. 0.07 min
Lab File: BF081276.D
Acq: 29 Aug 2015 17:51

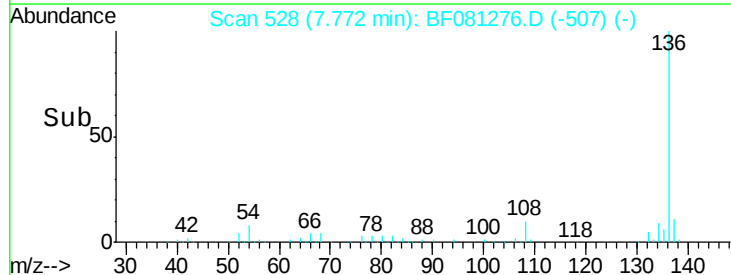
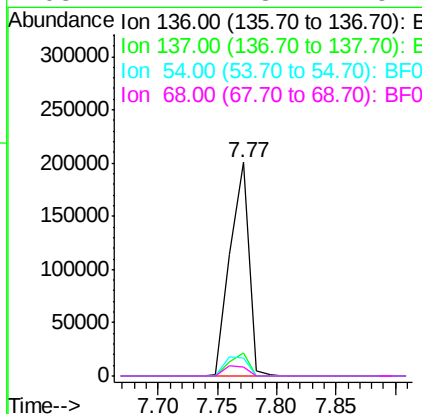
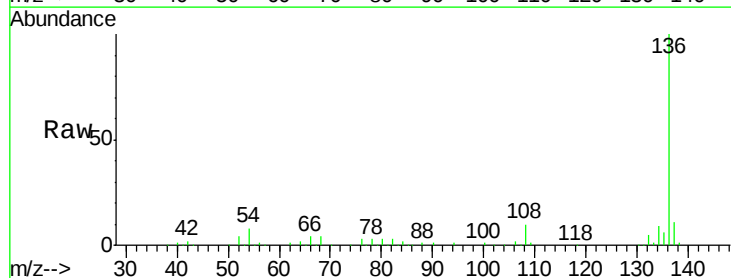
Instrument :
BNA_F
ClientSampleId :

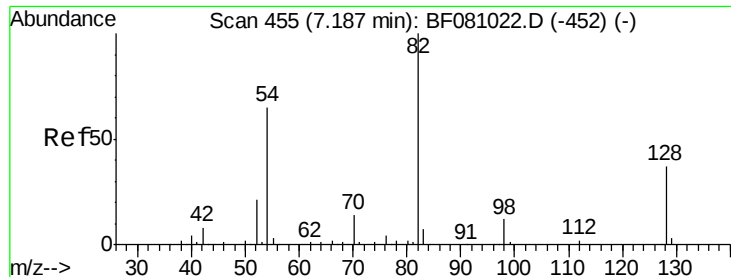
Tot Ion: 70 Resp: 46352
Ion Ratio Lower Upper
70 100
42 54.9 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.77 min Scan# 528
Delta R.T. -0.06 min
Lab File: BF081276.D
Acq: 29 Aug 2015 17:51

Tgt Ion: 136 Resp: 221746
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.1 7.7 11.5
68 4.4 3.4 5.2

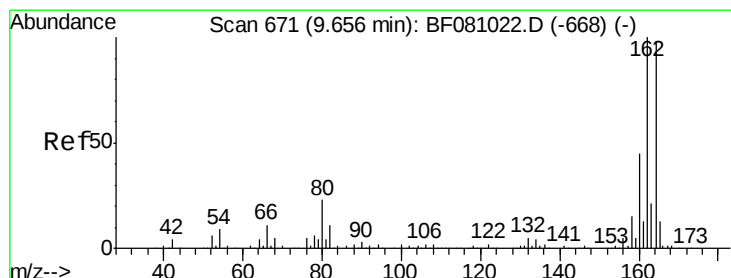
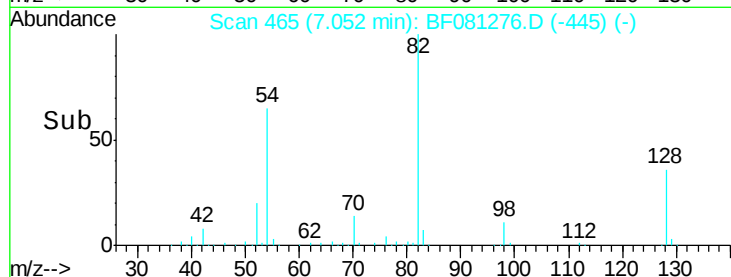
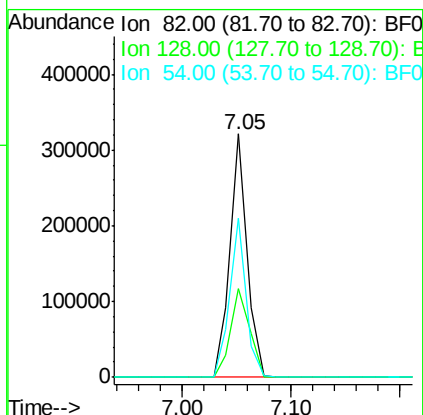
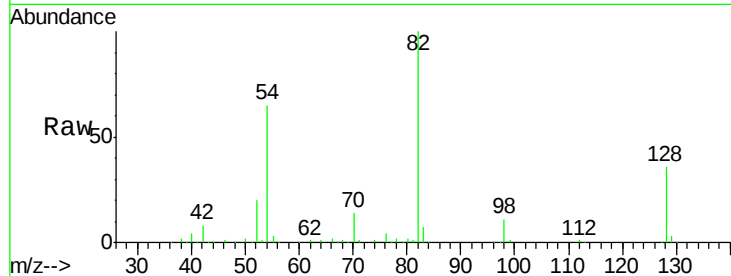




#23
 Nitrobenzene-d5
 Concen: 72.29 ng
 RT: 7.05 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

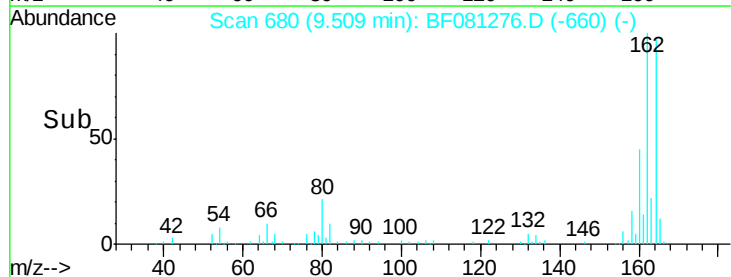
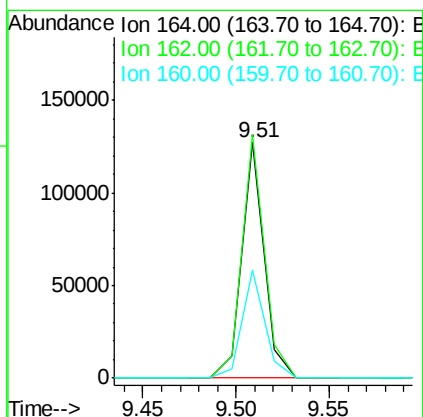
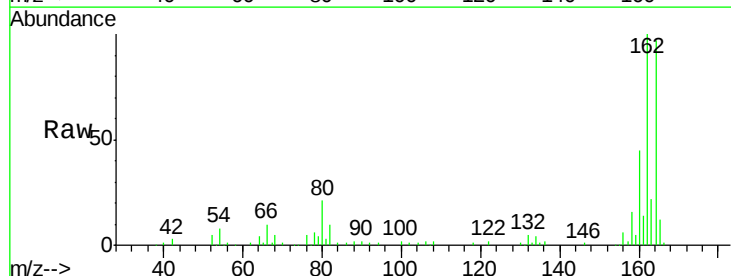
Instrument :
 BNA_F
 ClientSampleId :

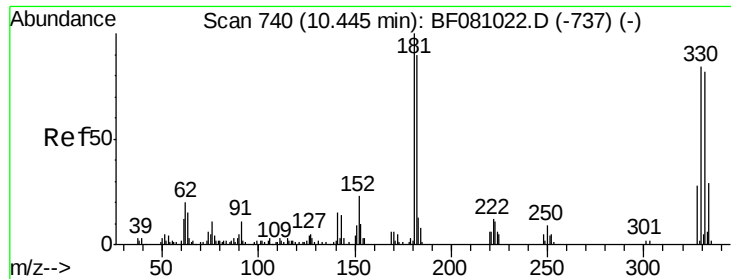
Tot Ion	82	Resp	350885
Ion Ratio	100	Lower	Upper
128	36.2	28.6	42.8
54	65.4	55.1	82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.07 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Tgt Ion	164	Resp	106178
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	103.3	83.8	125.8
160	46.0	39.8	59.8

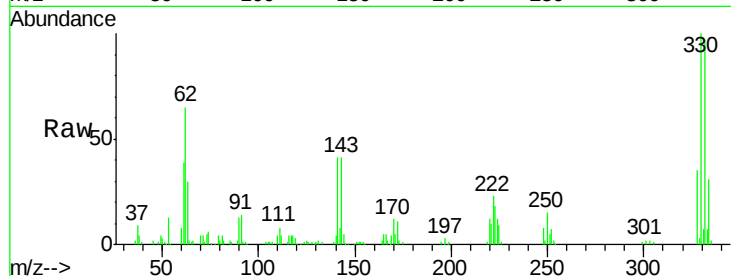




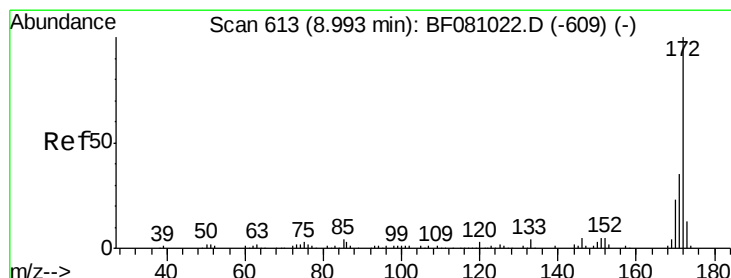
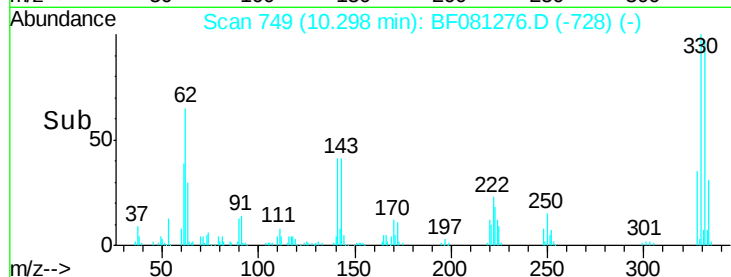
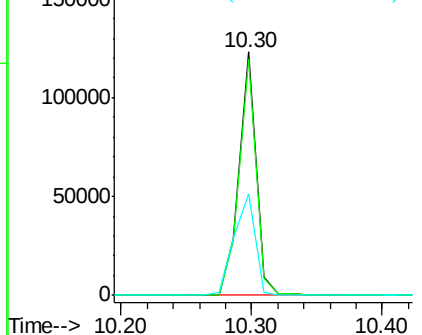
#41
 2,4,6-Tribromophenol
 Concen: 121.92 ng
 RT: 10.30 min Scan# 749
 Delta R.T. -0.06 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.3	115.9
141	50.9	44.9	67.3

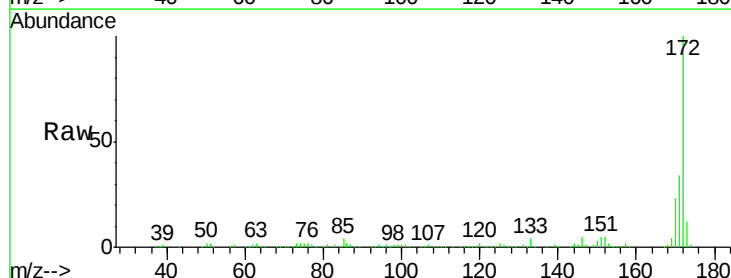


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

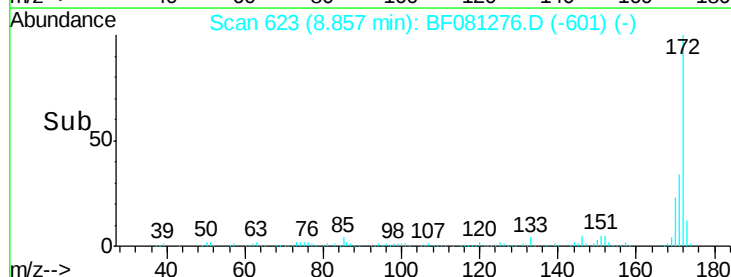
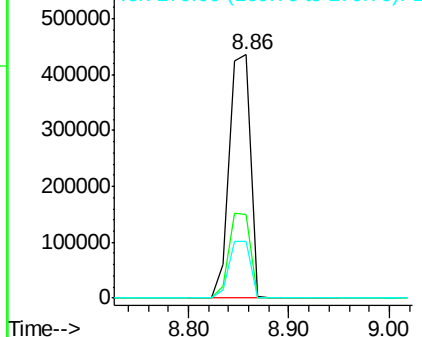


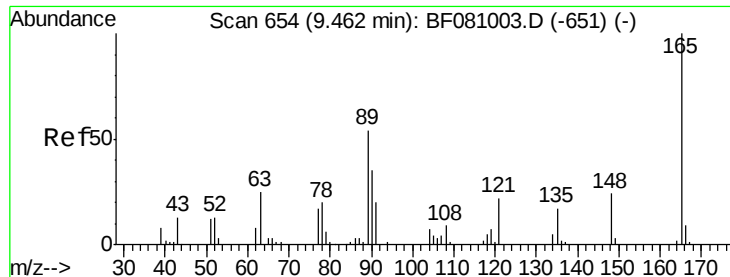
#44
 2-Fluorobiphenyl
 Concen: 78.58 ng
 RT: 8.86 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	28.9	43.3
170	23.5	19.4	29.2



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

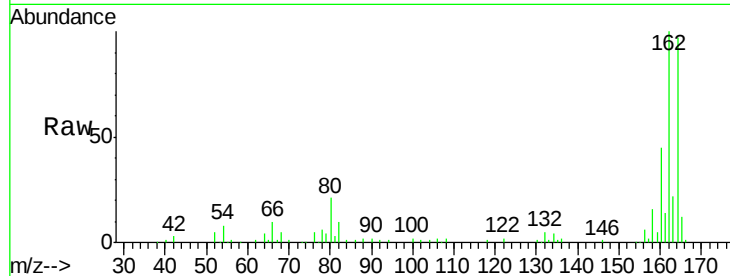




#50
 2,6-Dinitrotoluene
 Concen: 7.07 ng
 RT: 9.51 min Scan# 680
 Delta R.T. 0.14 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :

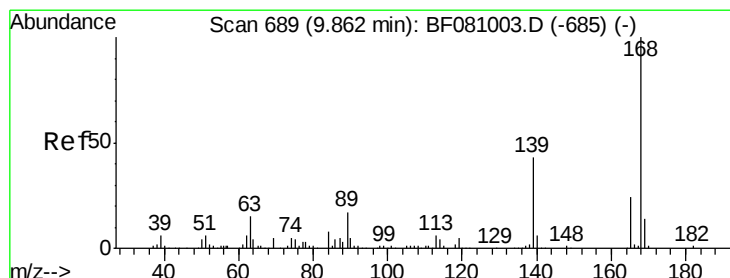
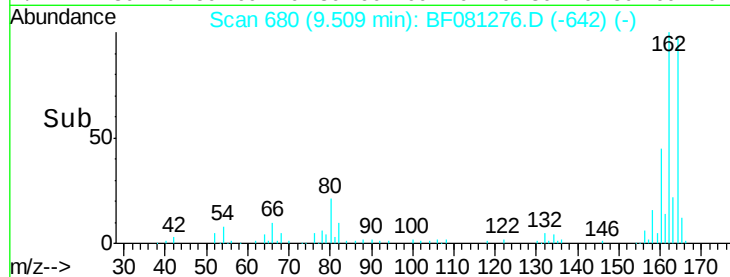
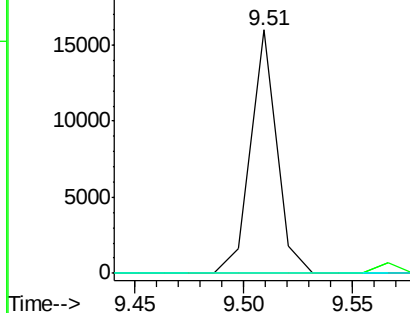
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.34 ng
 RT: 9.51 min Scan# 680
 Delta R.T. -0.26 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

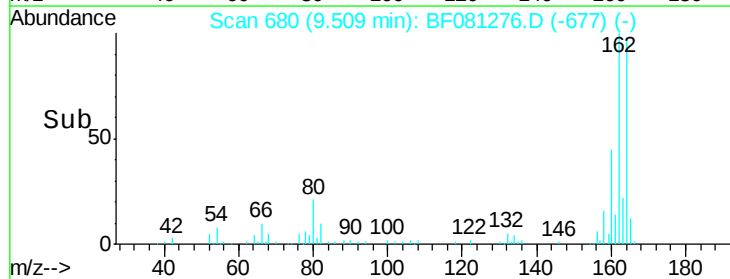
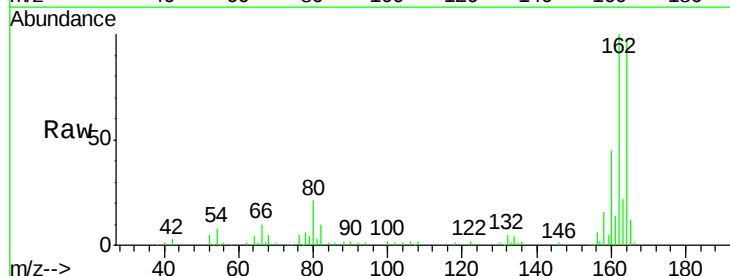
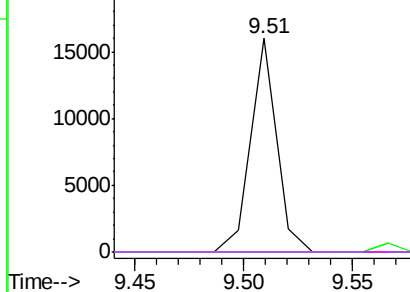
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

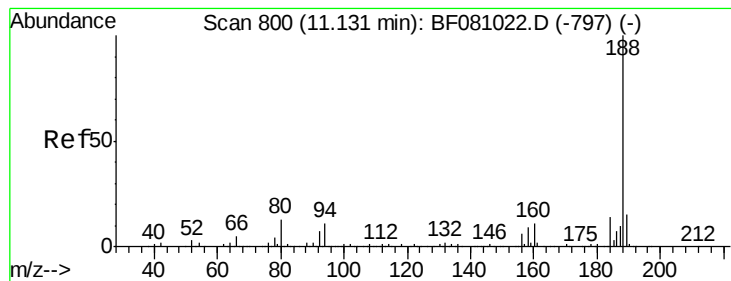
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.98 min Scan# 809

Delta R.T. -0.06 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

Instrument :

BNA_F

ClientSampleId :

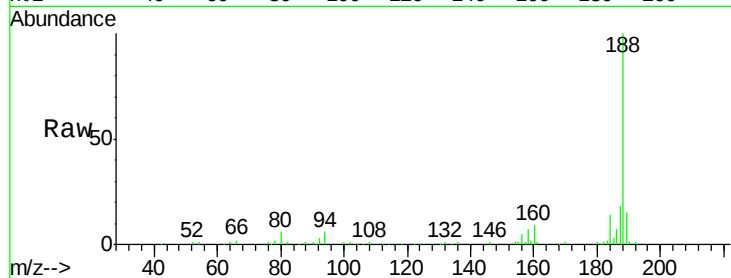
Tot Ion:188 Resp: 209646

Ion Ratio Lower Upper

188 100

94 5.8 8.2 12.2#

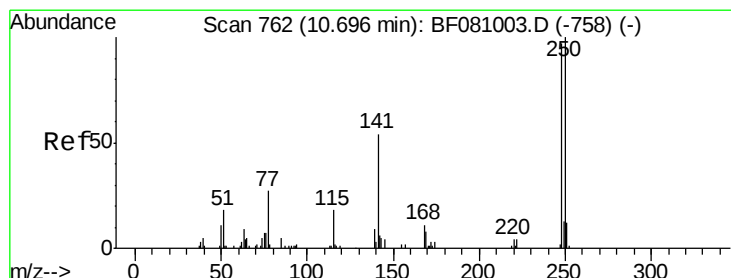
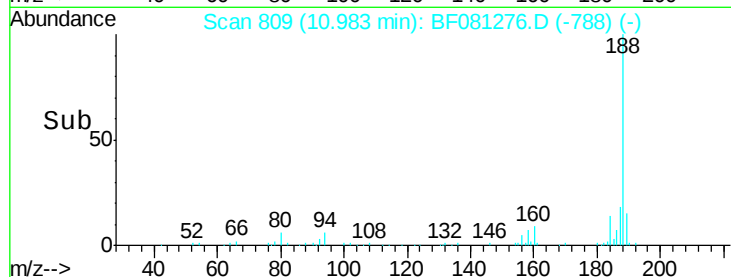
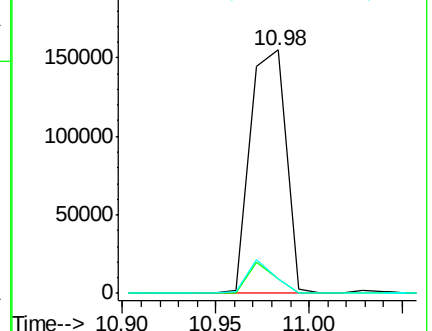
80 5.9 9.5 14.3#



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: 4.40 ng

RT: 10.30 min Scan# 749

Delta R.T. -0.30 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

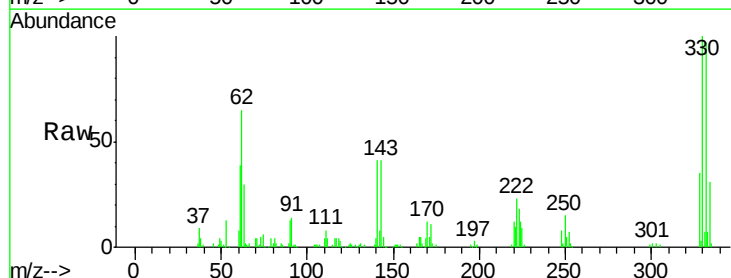
Tgt Ion:248 Resp: 9064

Ion Ratio Lower Upper

248 100

250 193.1 77.8 116.6#

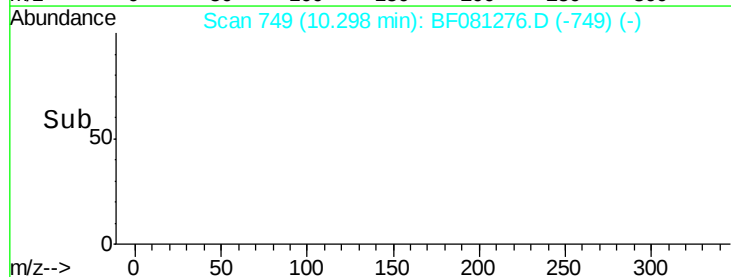
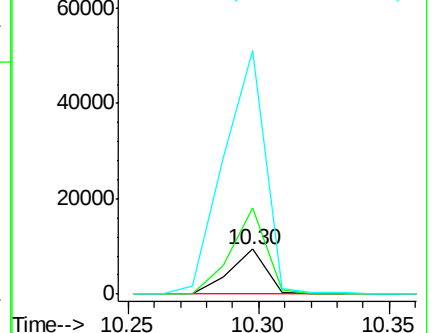
141 542.0 39.8 59.6#

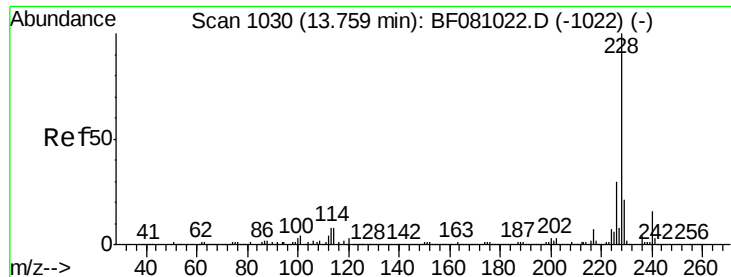


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.59 min Scan# 1037

Delta R.T. -0.07 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

Instrument :

BNA_F

ClientSampleId :

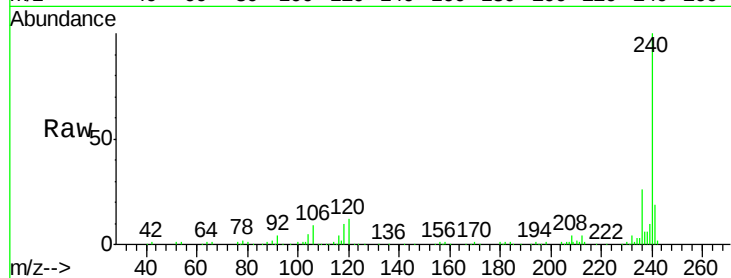
Tot Ion:240 Resp: 188791

Ion Ratio Lower Upper

240 100

120 11.6 5.6 8.4#

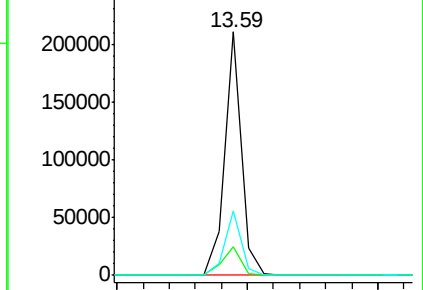
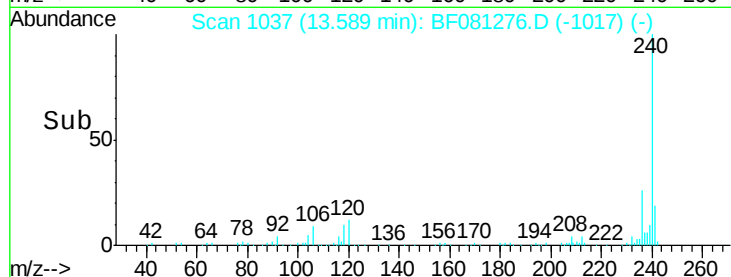
236 26.5 20.6 30.8



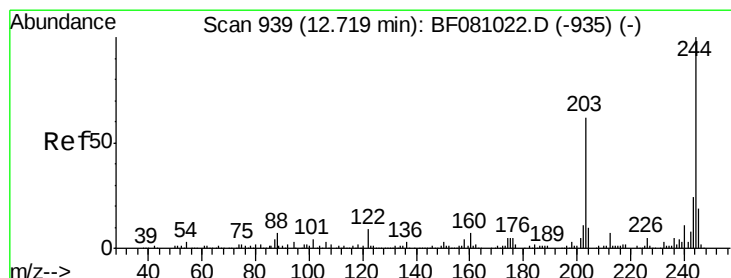
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.50 13.60 13.70



#78

Terphenyl-d14

Concen: 72.20 ng

RT: 12.57 min Scan# 948

Delta R.T. -0.06 min

Lab File: BF081276.D

Acq: 29 Aug 2015 17:51

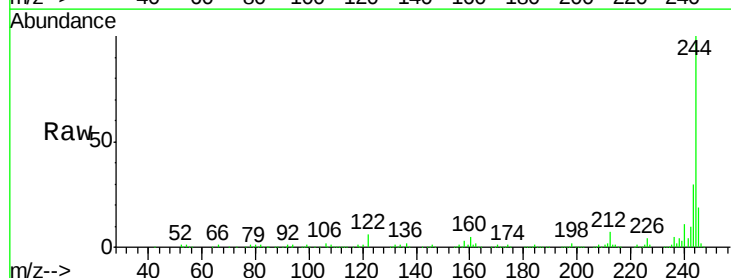
Tgt Ion:244 Resp: 635819

Ion Ratio Lower Upper

244 100

212 6.5 5.8 8.8

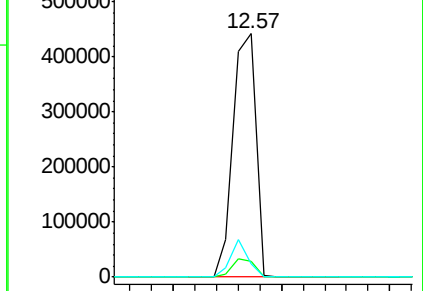
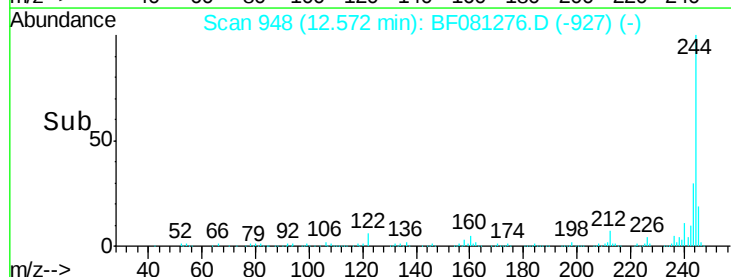
122 5.6 8.2 12.4#



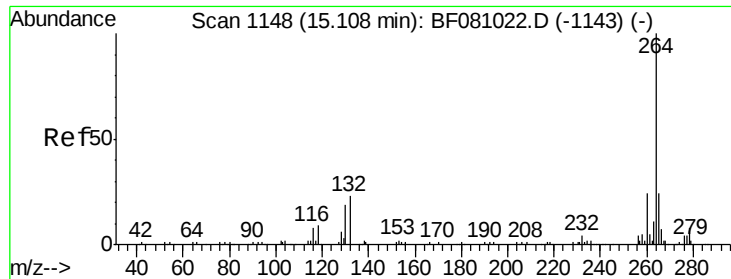
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 12.50 12.60



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.92 min Scan# 1153
 Delta R.T. -0.07 min
 Lab File: BF081276.D
 Acq: 29 Aug 2015 17:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.6	29.4
265	21.4	17.5	26.3

