

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082078.D
 Acq On : 6 Oct 2015 12:04
 Operator : UM/IZ
 Sample : PB85739BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BL

Quant Time: Oct 07 02:01:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

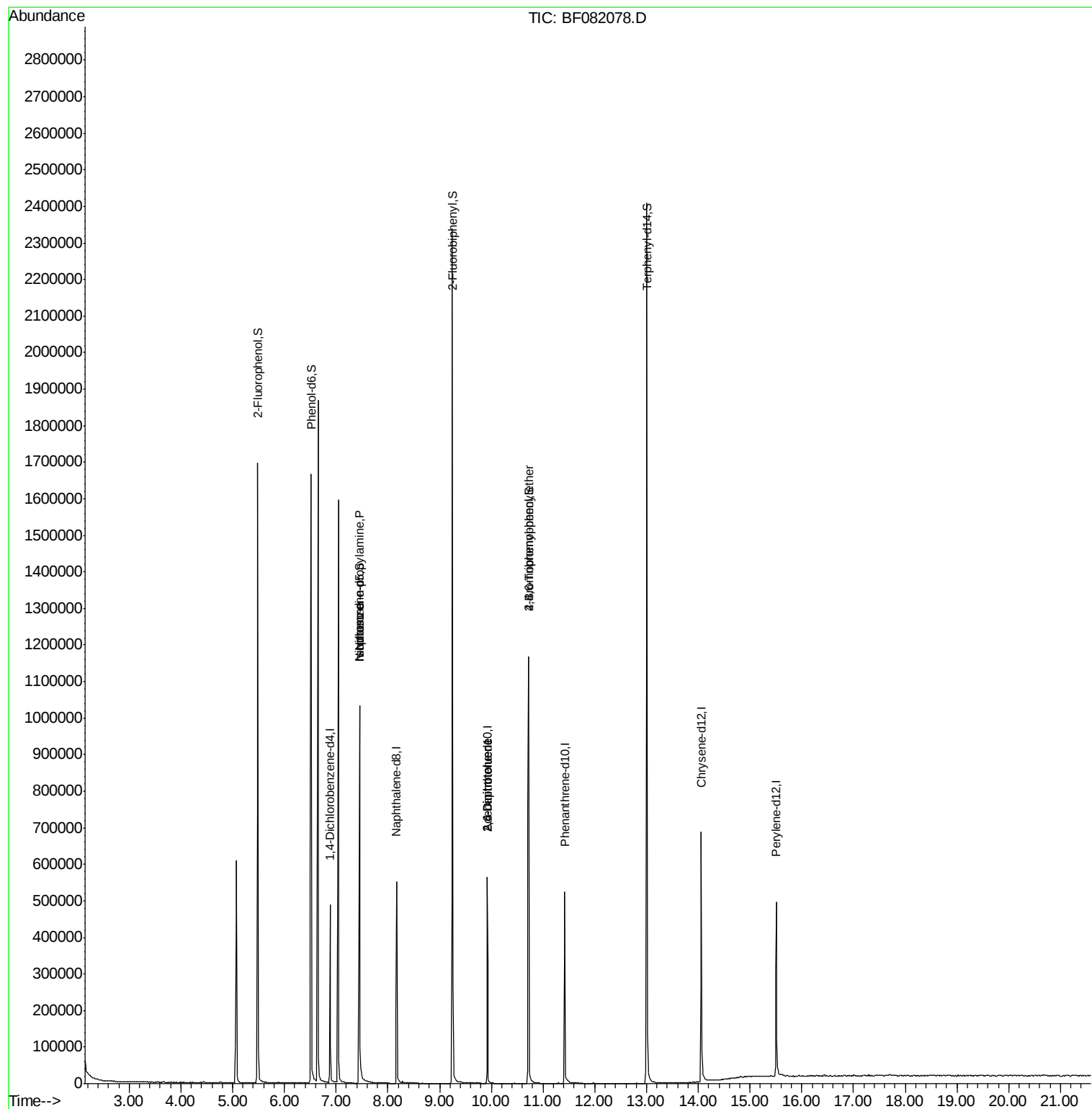
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	80847	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	309301	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	146428	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	307012	20.00	ng	0.00
75) Chrysene-d12	14.06	240	316470	20.00	ng	-0.01
86) Perylene-d12	15.51	264	264689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	508972	114.28	ng	0.01
7) Phenol-d6	6.51	99	634231	113.17	ng	0.00
23) Nitrobenzene-d5	7.45	82	418112	90.11	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	198355	133.76	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	791628	91.91	ng	0.00
78) Terphenyl-d14	13.01	244	955100	103.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	52731	15.48	ng	# 56
25) Isophorone	7.45	82	308872	33.59	ng	# 58
50) 2,6-Dinitrotoluene	9.92	165	18463	8.41	ng	# 37
56) 2,4-Dinitrotoluene	9.92	165	18464	6.60	ng	# 31
66) 4-Bromophenyl-phenylether	10.72	248	12754	4.12	ng	# 1
73) Di-n-butylphthalate	11.98	149	1533	Below Cal		# 78

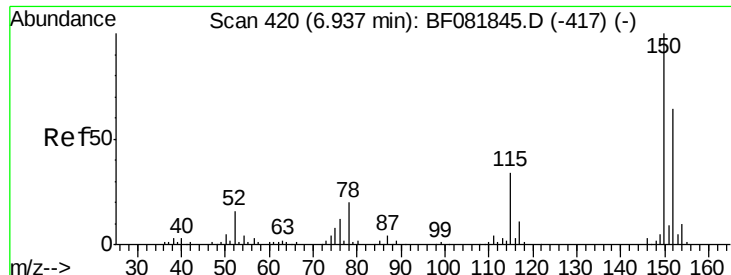
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. 0.00 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

Instrument :

BNA_F

ClientSampled :

PB85739BL

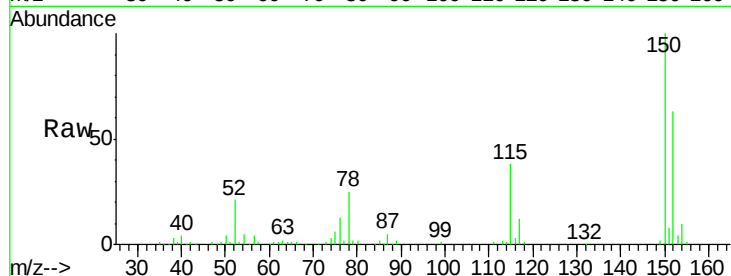
Tot Ion:152 Resp: 80847

Ion Ratio Lower Upper

152 100

150 159.5 124.7 187.1

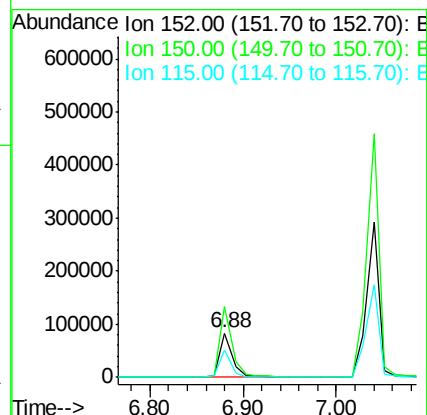
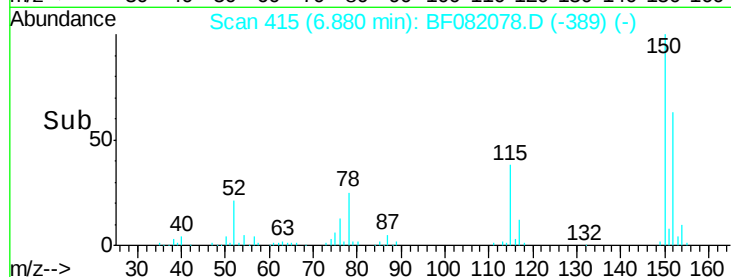
115 60.6 39.0 58.4#



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: 114.28 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

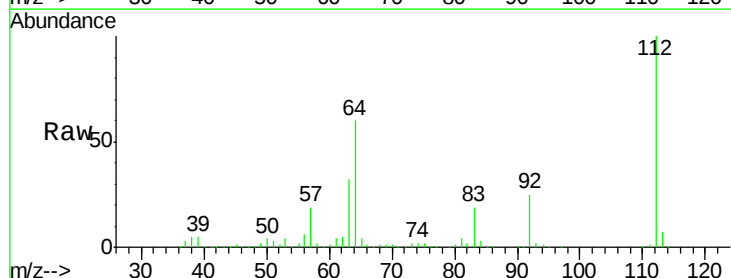
Tgt Ion:112 Resp: 508972

Ion Ratio Lower Upper

112 100

64 60.5 39.7 59.5#

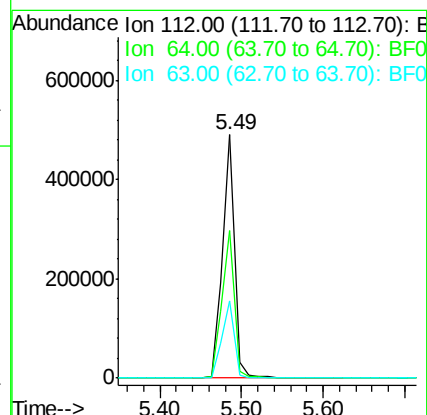
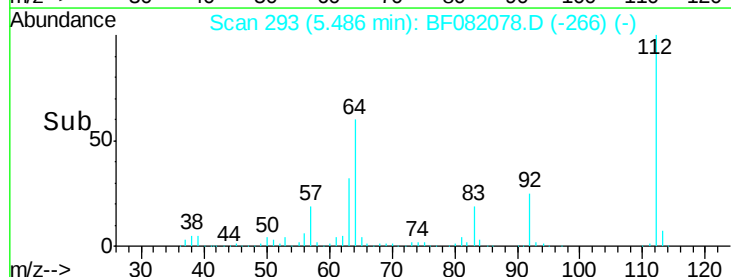
63 31.7 17.4 26.0#

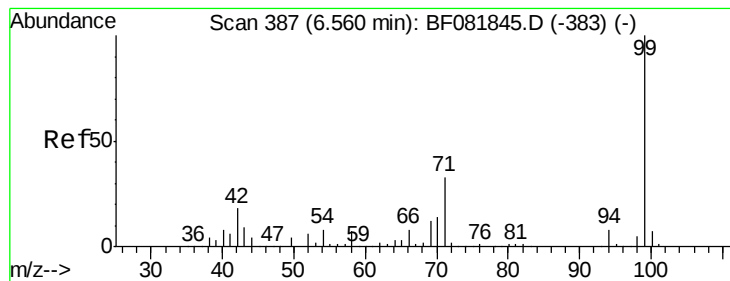


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.17 ng

RT: 6.51 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

Instrument :

BNA_F

ClientSampleId :

PB85739BL

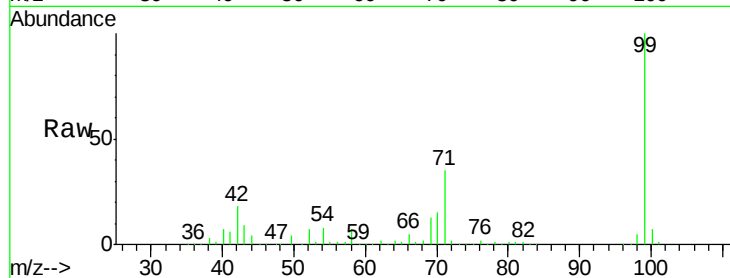
Tot Ion: 99 Resp: 634231

Ion Ratio Lower Upper

99 100

42 18.1 13.7 20.5

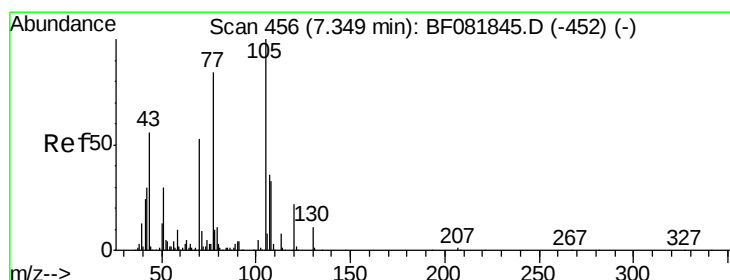
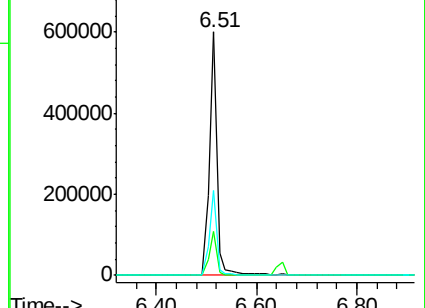
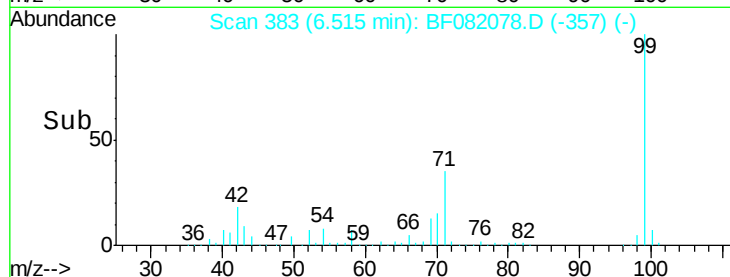
71 34.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.48 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.15 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

Tgt Ion: 70 Resp: 52731

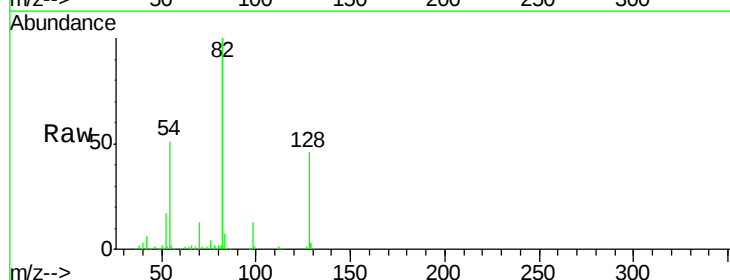
Ion Ratio Lower Upper

70 100

42 43.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

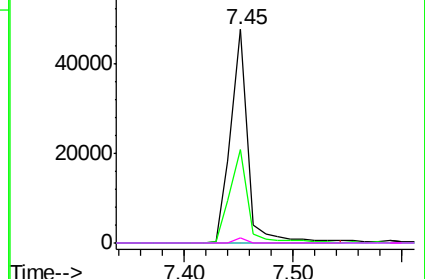
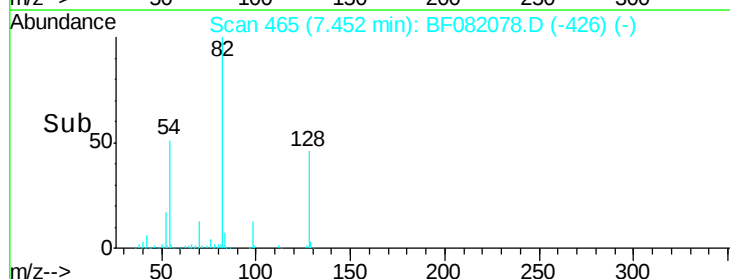


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

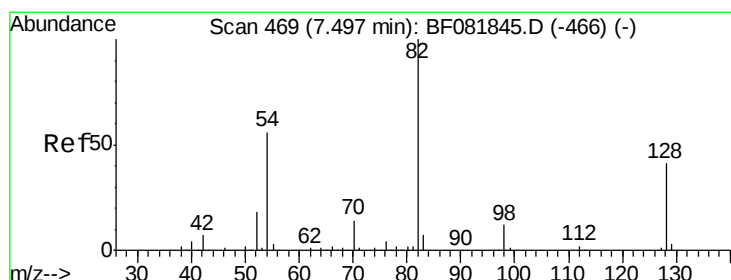
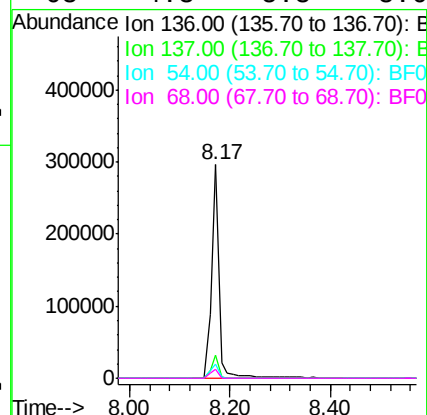
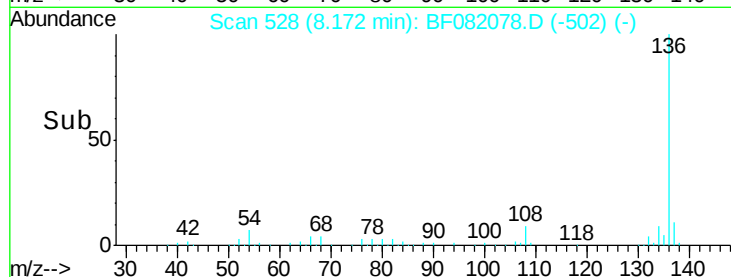
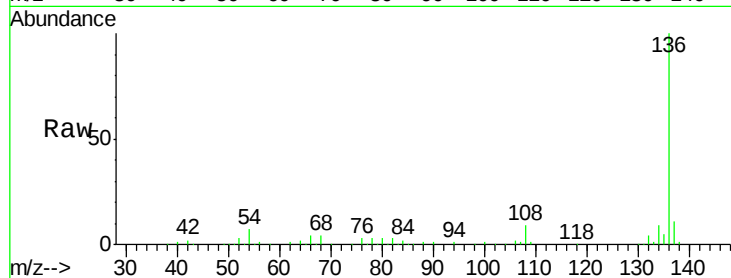




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF082078.D
Acq: 6 Oct 2015 12:04

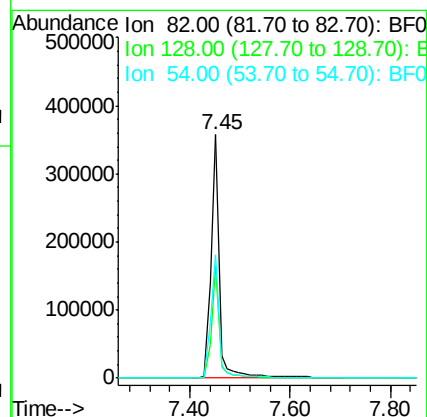
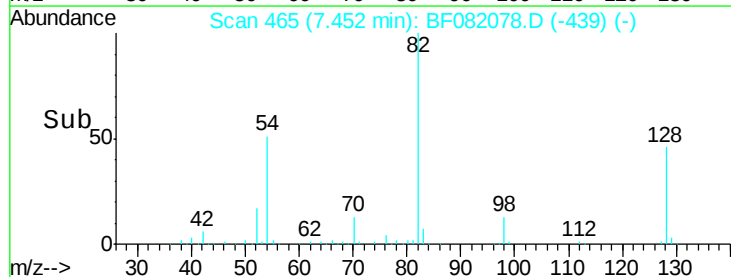
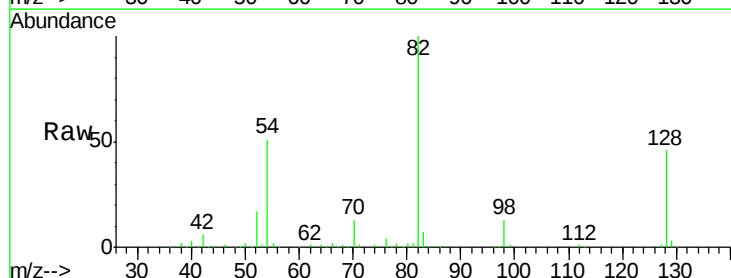
Instrument :
BNA_F
ClientSampleId :
PB85739BL

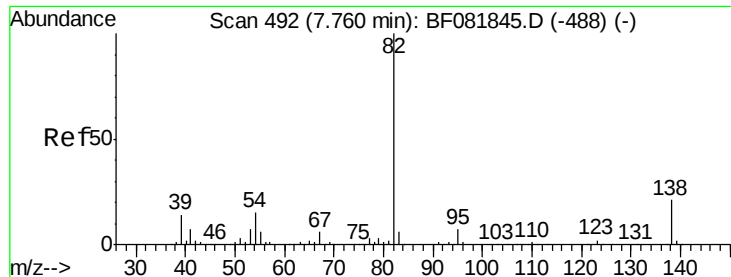
Tot Ion:	136	Resp:	309301
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	6.5	8.2	12.2#
68	4.3	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 90.11 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.00 min
Lab File: BF082078.D
Acq: 6 Oct 2015 12:04

Tgt Ion:	82	Resp:	418112
Ion	Ratio	Lower	Upper
82	100		
128	46.2	51.0	76.6#
54	50.6	47.5	71.3





#25

Isophorone

Concen: 33.59 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

Instrument :

BNA_F

ClientSampleId :

PB85739BL

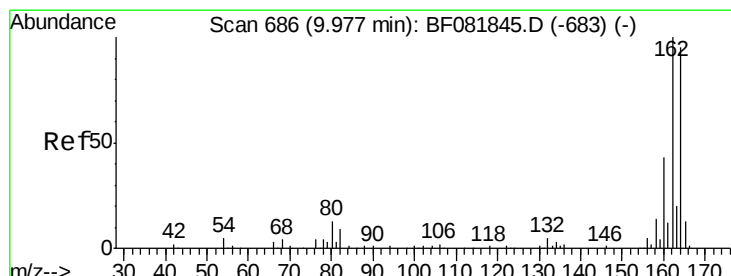
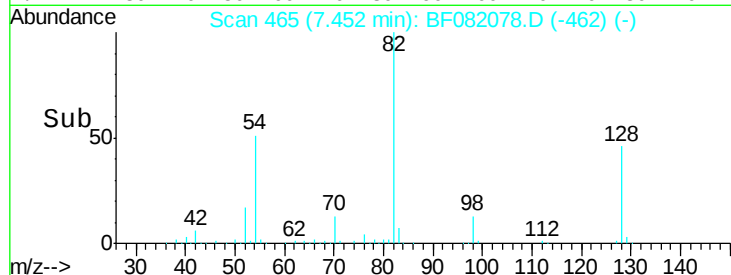
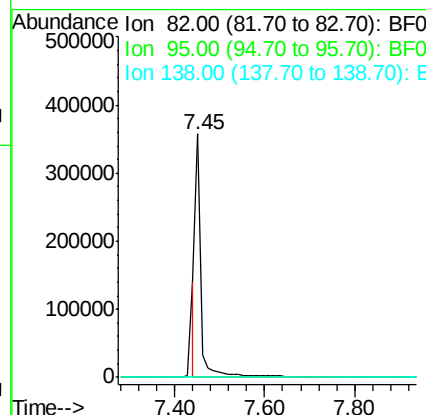
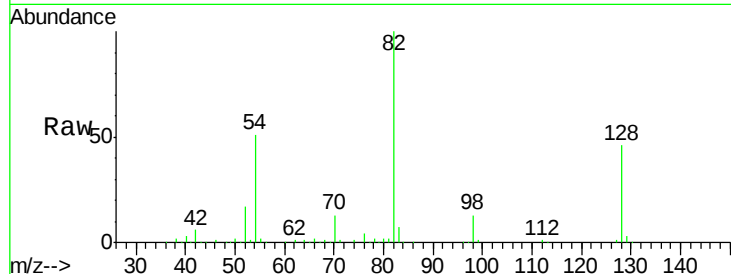
Tot Ion: 82 Resp: 308872

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

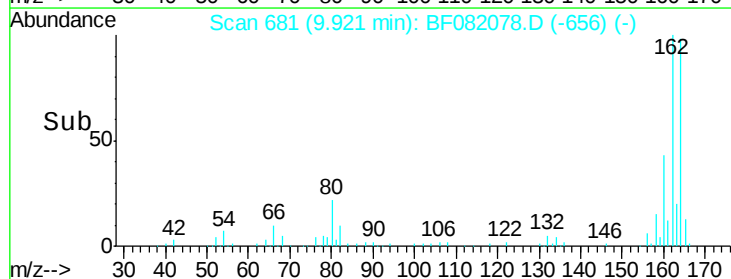
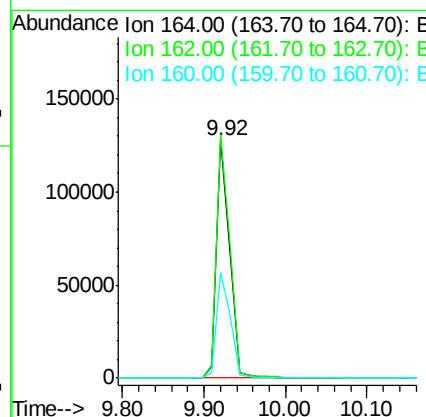
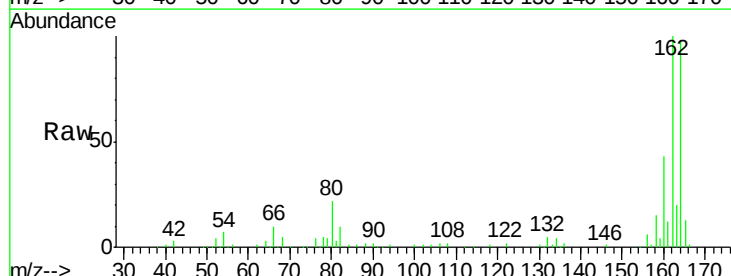
Tgt Ion: 164 Resp: 146428

Ion Ratio Lower Upper

164 100

162 102.2 75.2 112.8

160 44.3 31.5 47.3

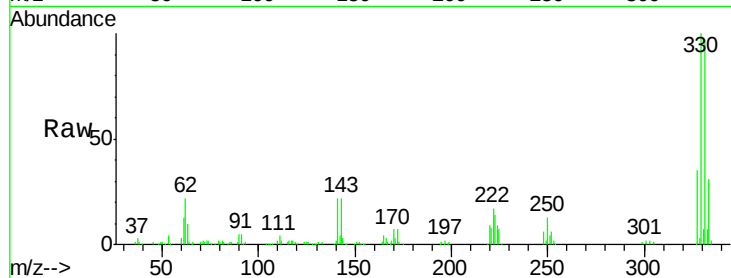




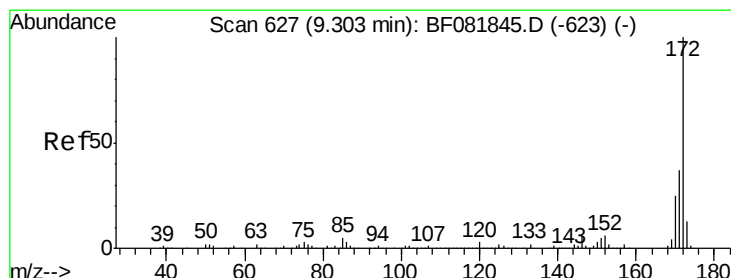
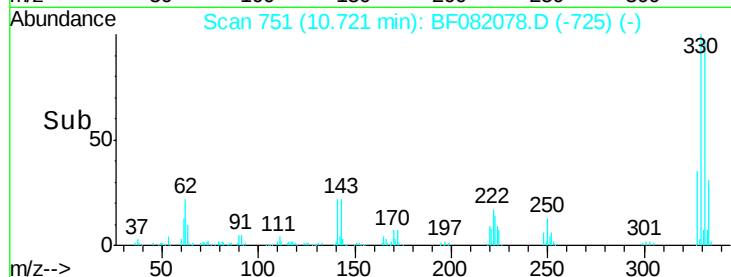
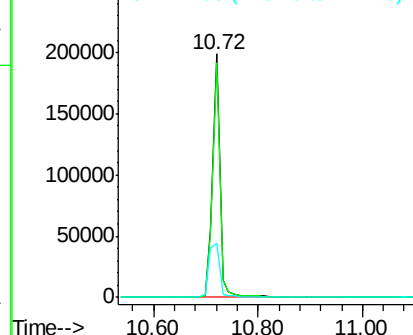
#41
 2,4,6-Tribromophenol
 Concen: 133.76 ng
 RT: 10.72 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF082078.D
 Acq: 6 Oct 2015 12:04

Instrument :
 BNA_F
 ClientSampled :
 PB85739BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	114.8
141	32.3	29.7	44.5

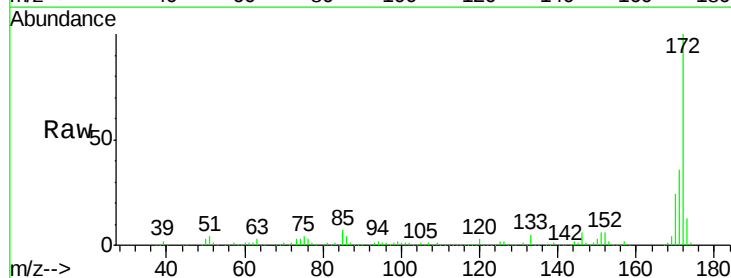


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

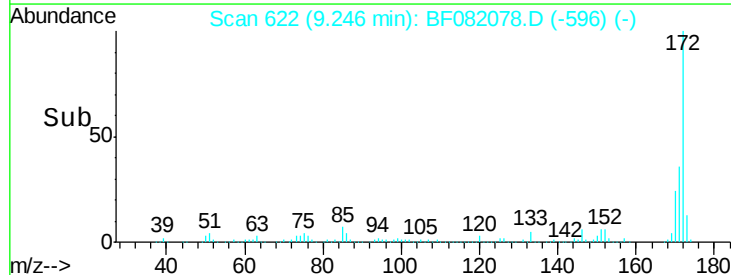
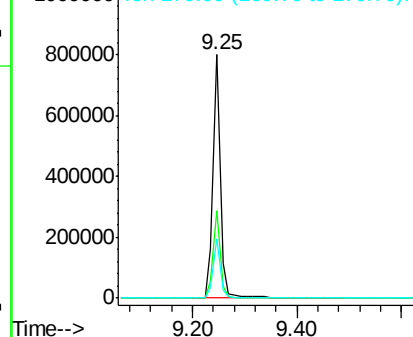


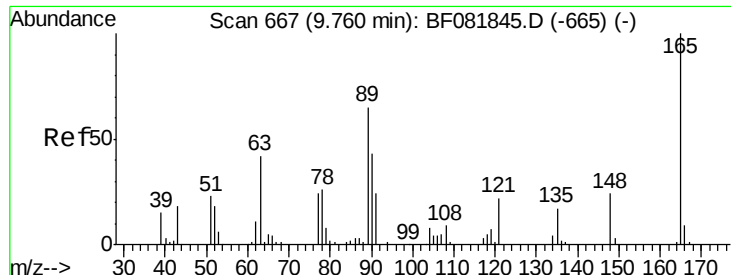
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 9.25 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF082078.D
 Acq: 6 Oct 2015 12:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	26.1	39.1
170	24.4	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

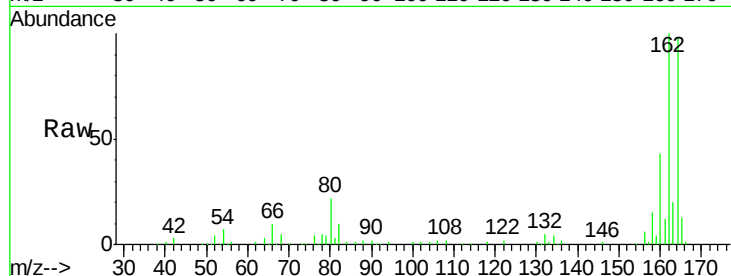




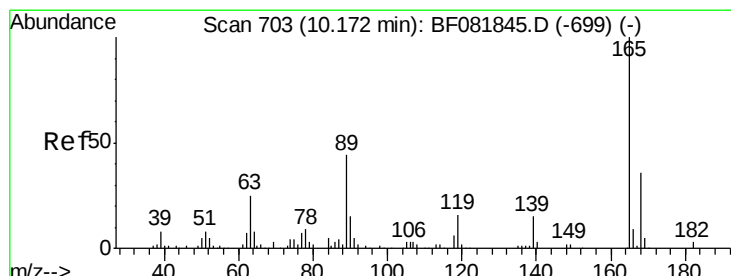
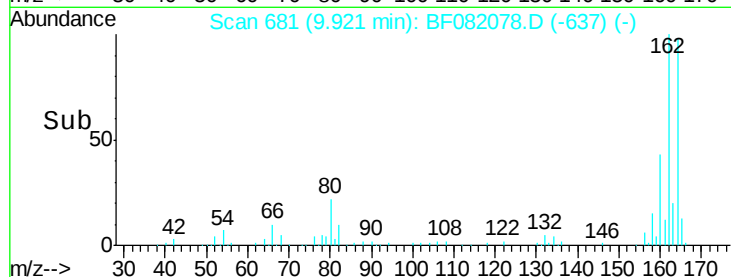
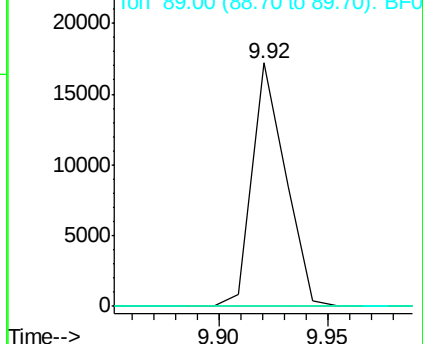
#50
 2,6-Dinitrotoluene
 Concen: 8.41 ng
 RT: 9.92 min Scan# 681
 Delta R.T. 0.21 min
 Lab File: BF082078.D
 Acq: 6 Oct 2015 12:04

Instrument :
 BNA_F
 ClientSampleId :
 PB85739BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



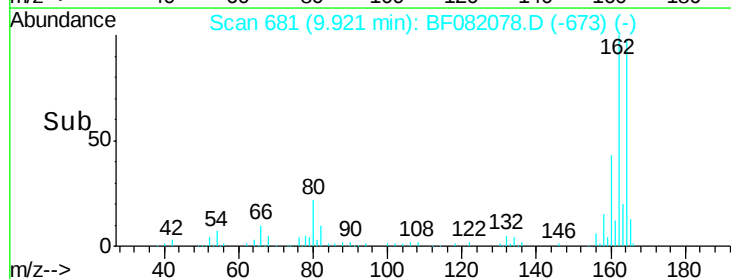
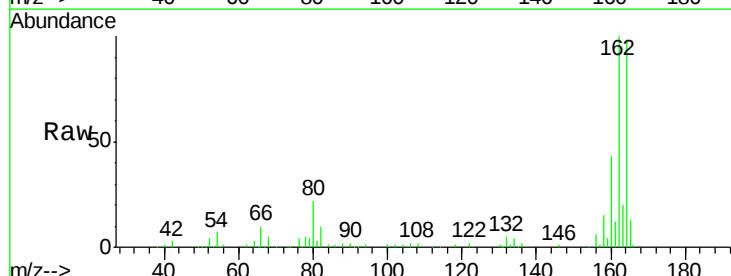
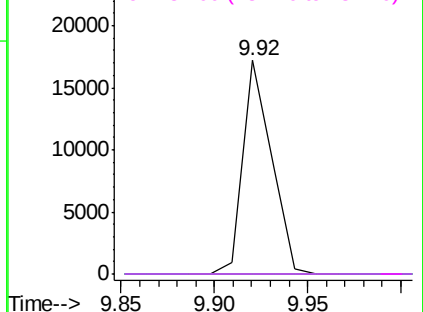
Abundance Ion 165.00 (164.70 to 165.70): E

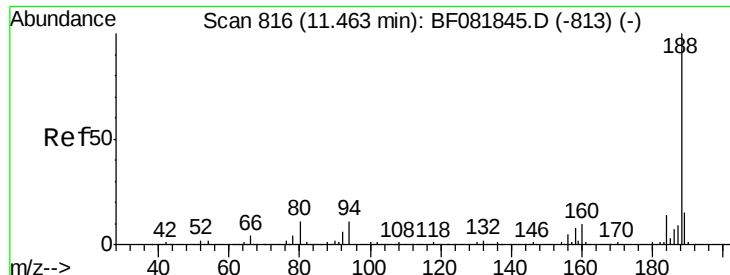


#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.21 min
 Lab File: BF082078.D
 Acq: 6 Oct 2015 12:04

Tgt 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#

Abundance Ion 165.00 (164.70 to 165.70): E

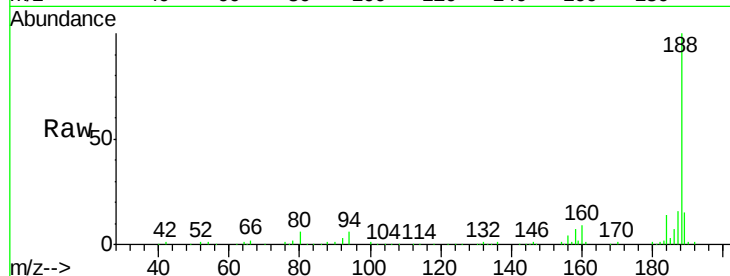




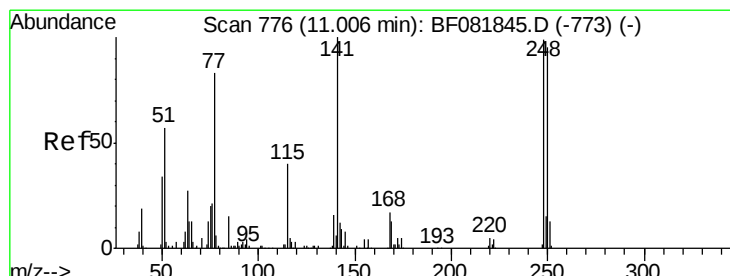
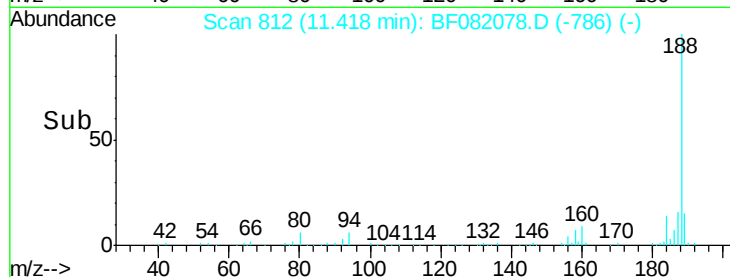
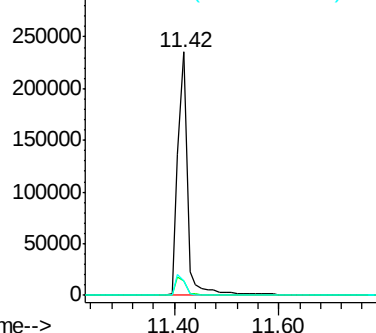
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF082078.D
Acq: 6 Oct 2015 12:04

Instrument :
BNA_F
ClientSampleId :
PB85739BL

Tot Ion:188 Resp: 307012
Ion Ratio Lower Upper
188 100
94 5.8 11.1 16.7#
80 6.1 11.0 16.4#

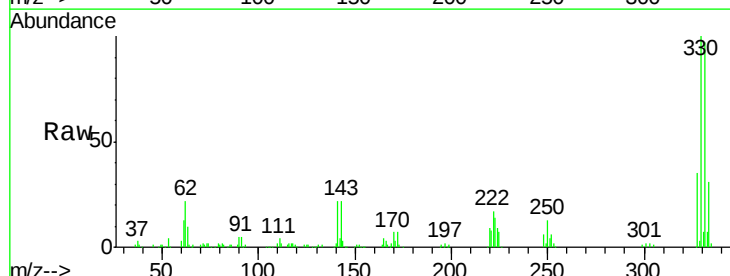


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

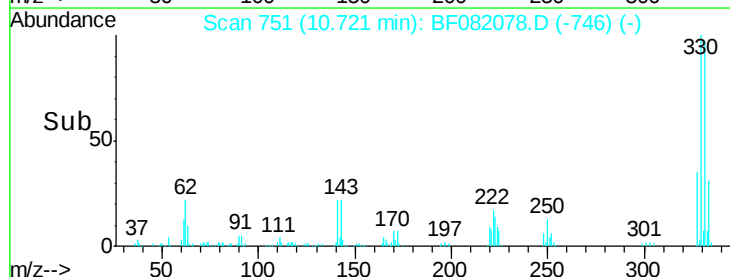
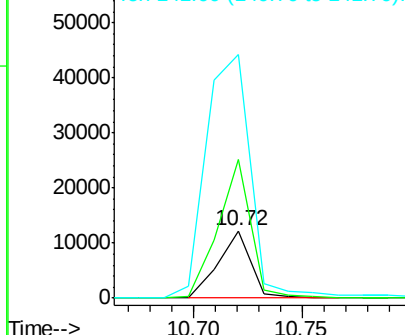


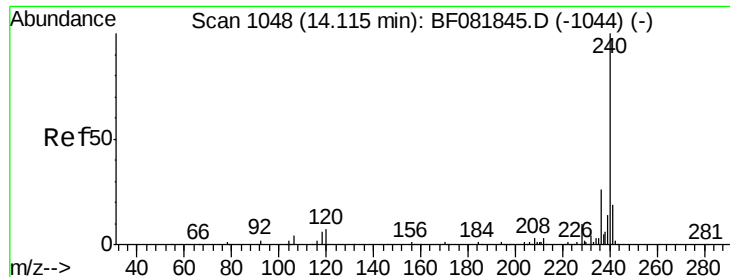
#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.24 min
Lab File: BF082078.D
Acq: 6 Oct 2015 12:04

Tgt Ion:248 Resp: 12754
Ion Ratio Lower Upper
248 100
250 207.4 78.5 117.7#
141 362.6 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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

Instrument :

BNA_F

ClientSampleId :

PB85739BL

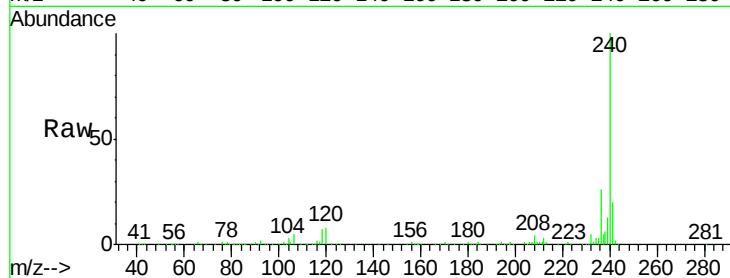
Tot Ion:240 Resp: 316470

Ion Ratio Lower Upper

240 100

120 7.9 16.2 24.2#

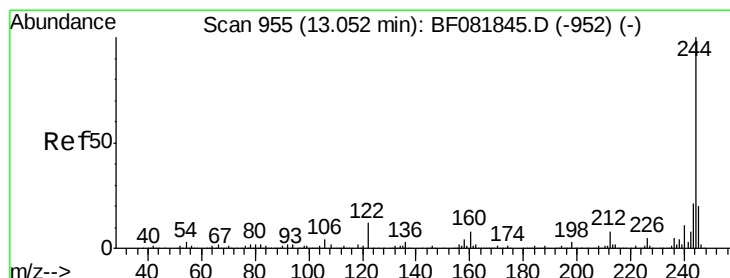
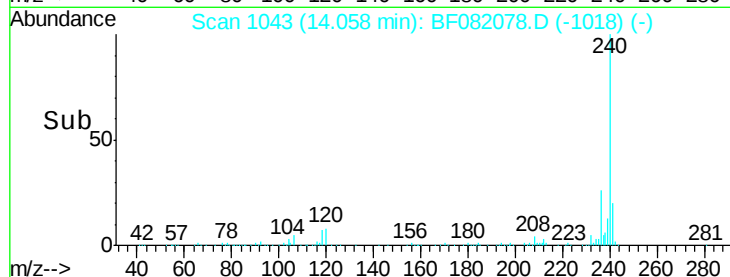
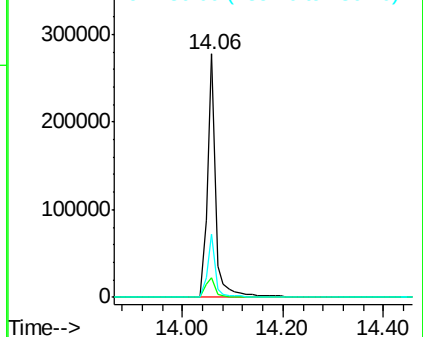
236 26.0 18.4 27.6



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: 103.66 ng

RT: 13.01 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF082078.D

Acq: 6 Oct 2015 12:04

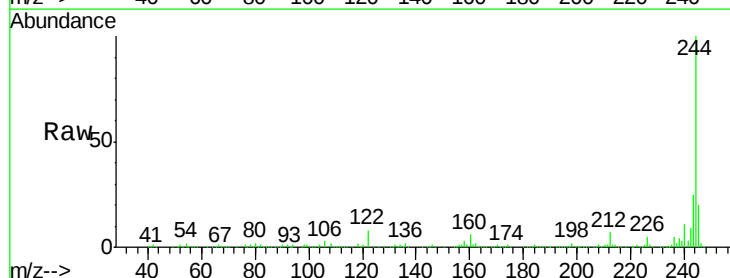
Tgt Ion:244 Resp: 955100

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

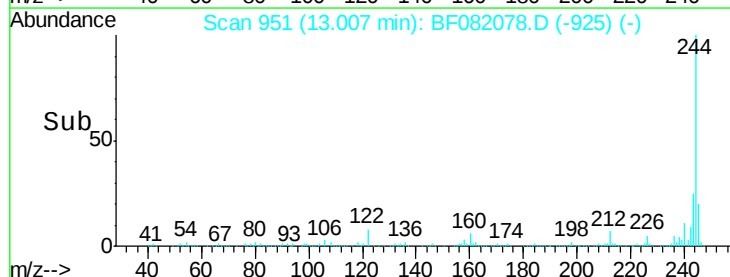
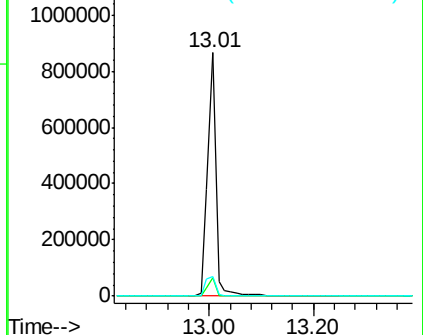
122 8.3 17.4 26.2#

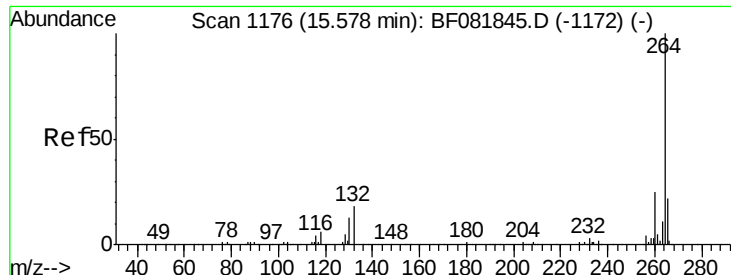


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



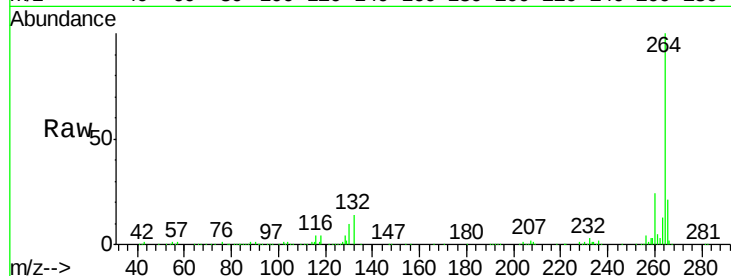


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF082078.D
Acq: 6 Oct 2015 12:04

Instrument :
BNA_F
ClientSampleId :
PB85739BL

Tot Ion: 264 Resp: 264689

Ion	Ratio	Lower	Upper
264	100		
260	23.7	16.7	25.1
265	21.1	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

