

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081015\
 Data File : BF080955.D
 Acq On : 10 Aug 2015 17:04
 Operator : TP/UM
 Sample : PB84929BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BL

Quant Time: Aug 11 01:11:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 08 01:33:05 2015
 Response via : Initial Calibration

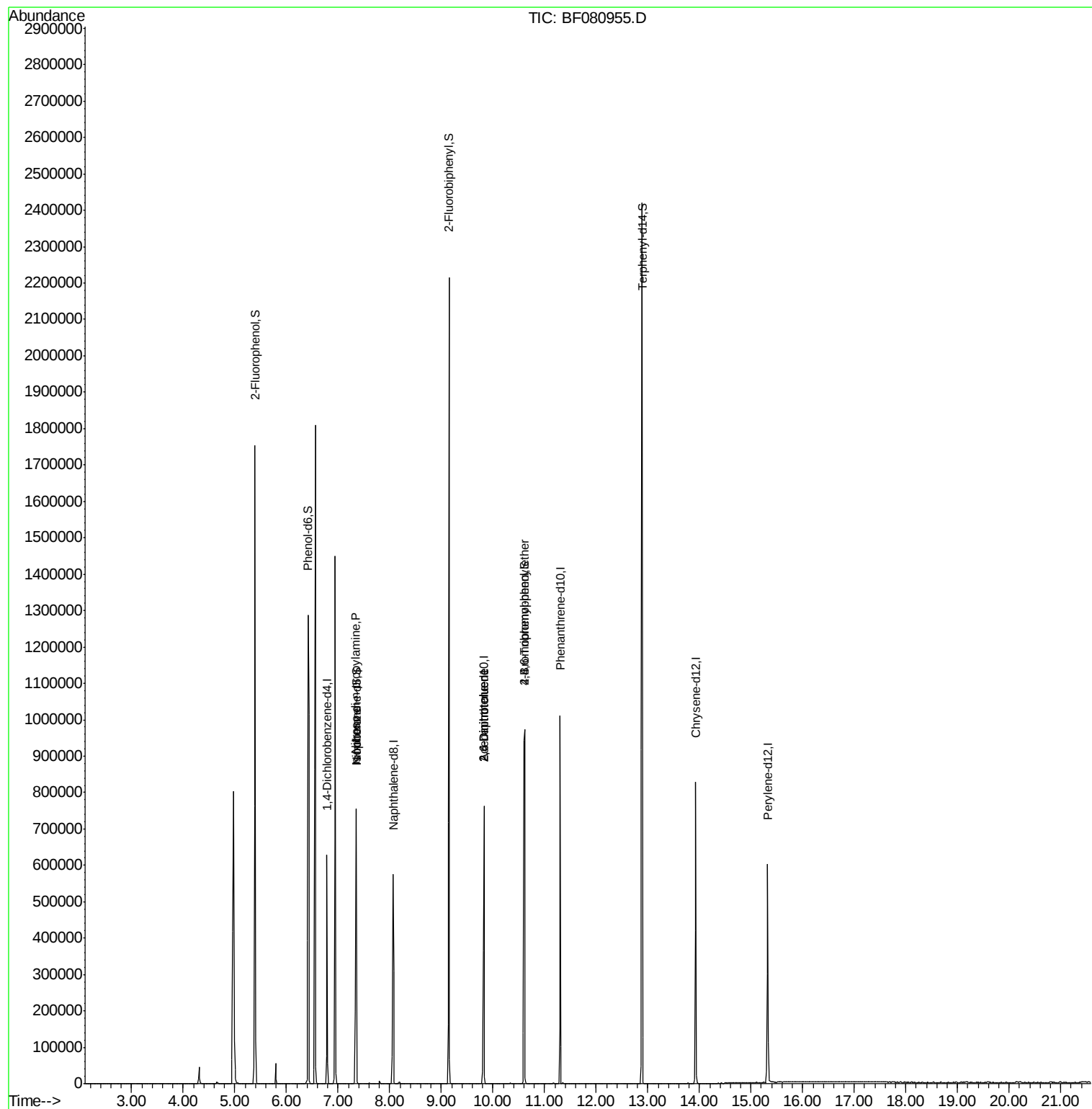
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	79609	20.00	ng	-0.02
21) Naphthalene-d8	8.06	136	311179	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	169980	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	343051	20.00	ng	-0.02
75) Chrysene-d12	13.93	240	333690	20.00	ng	-0.03
86) Perylene-d12	15.32	264	270456	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	450663	92.49	ng	0.01
7) Phenol-d6	6.42	99	646043	96.76	ng	-0.02
23) Nitrobenzene-d5	7.36	82	393790	59.86	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	179300	96.02	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	700416	58.01	ng	-0.02
78) Terphenyl-d14	12.89	244	787202	48.73	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	51938	10.64	ng	# 82
25) Isophorone	7.36	82	347927	27.50	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	21264	7.29	ng	# 7
56) 2,4-Dinitrotoluene	9.82	165	21264	5.45	ng	# 8
66) 4-Bromophenyl-phenylether	10.61	248	12121	3.34	ng	# 1

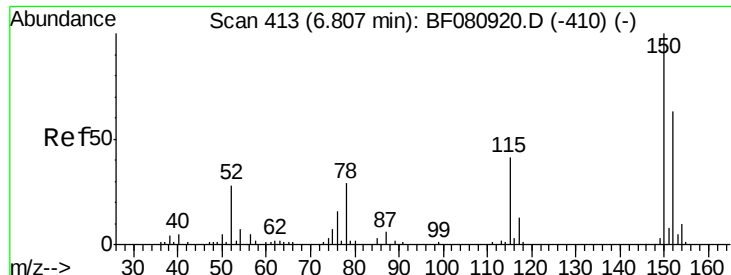
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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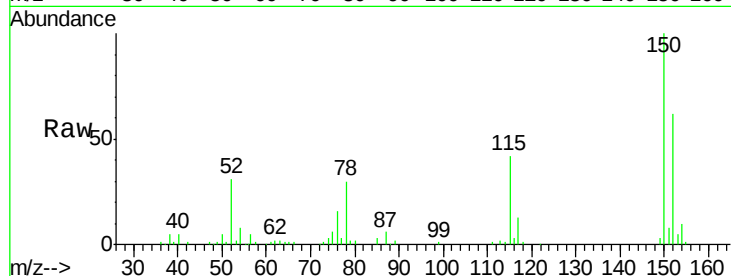


#1

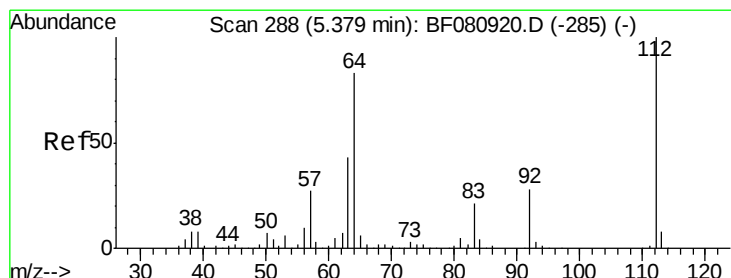
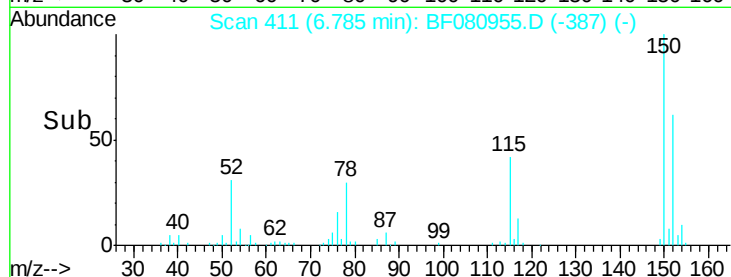
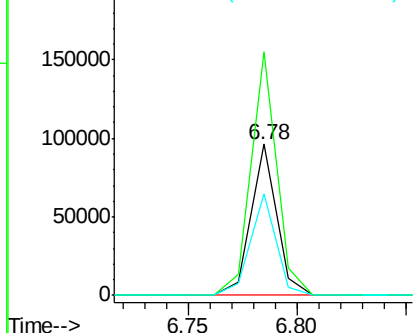
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.02 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84929BL

Tot Ion:152 Resp: 79609
Ion Ratio Lower Upper
152 100
150 160.9 127.4 191.2
115 67.4 52.6 78.8



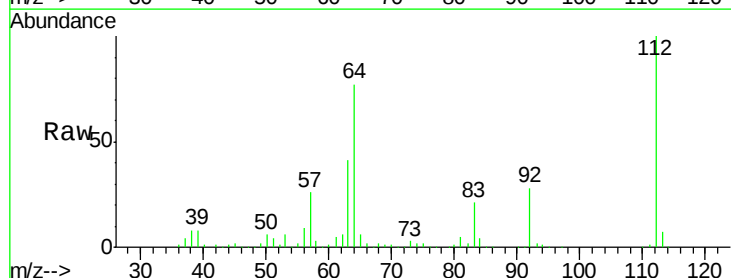
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



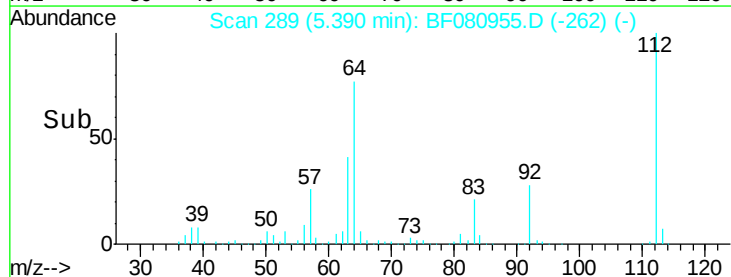
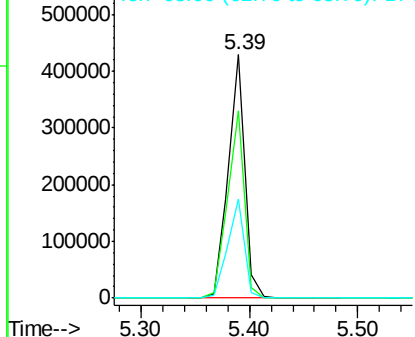
#5

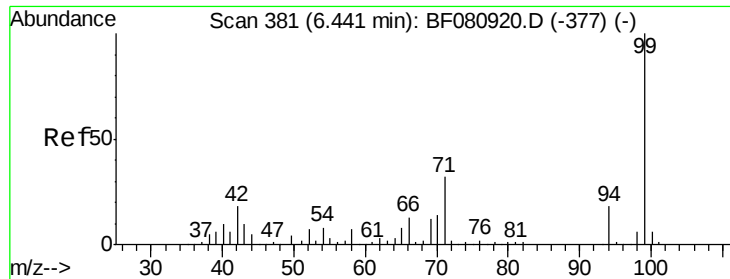
2-Fluorophenol
Concen: 92.49 ng
RT: 5.39 min Scan# 289
Delta R.T. 0.01 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Tgt Ion:112 Resp: 450663
Ion Ratio Lower Upper
112 100
64 77.1 66.1 99.1
63 40.8 34.6 52.0



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: 96.76 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84929BL

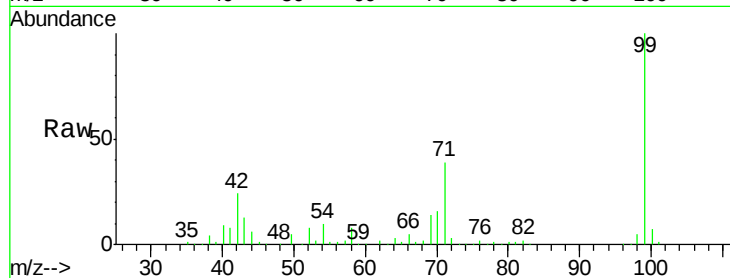
Tot Ion: 99 Resp: 646043

Ion Ratio Lower Upper

99 100

42 23.9 14.4 21.6#

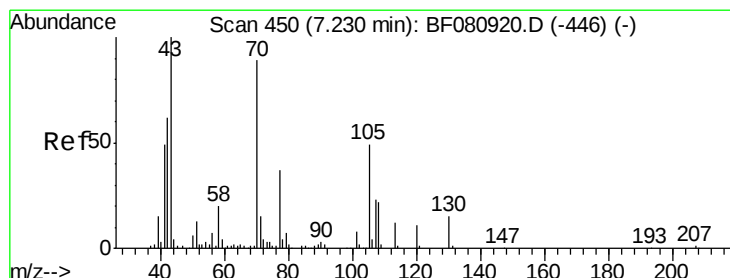
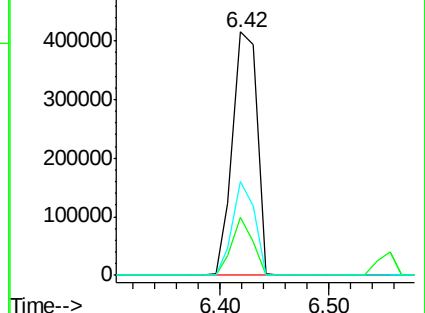
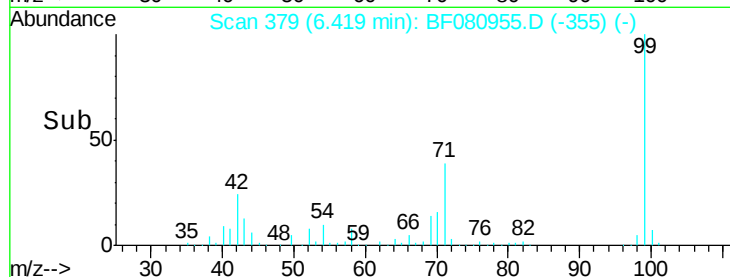
71 38.6 25.8 38.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.64 ng

RT: 7.34 min Scan# 460

Delta R.T. 0.11 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Tgt Ion: 70 Resp: 51938

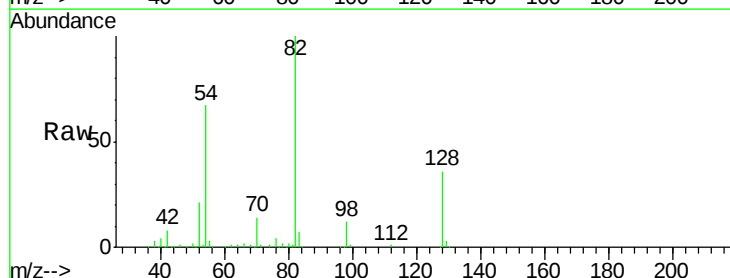
Ion Ratio Lower Upper

70 100

42 58.6 55.7 83.5

101 0.0 7.0 10.6#

130 1.9 13.8 20.8#

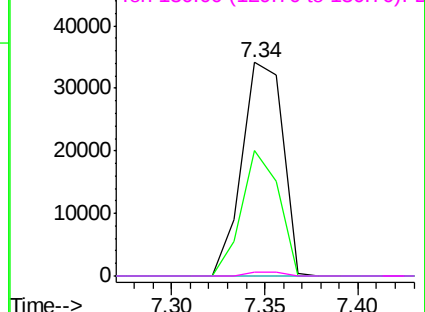
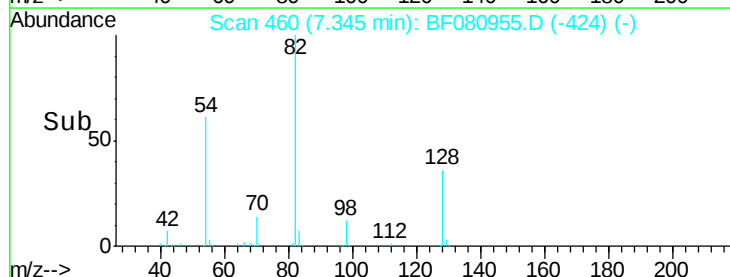


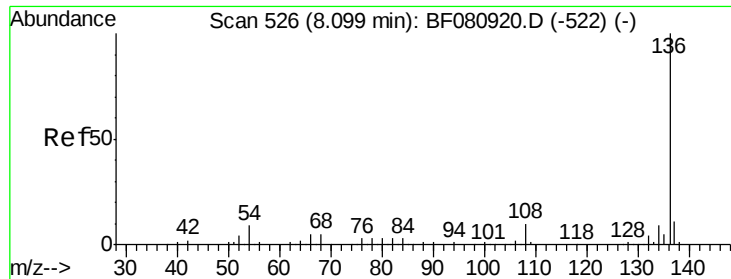
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

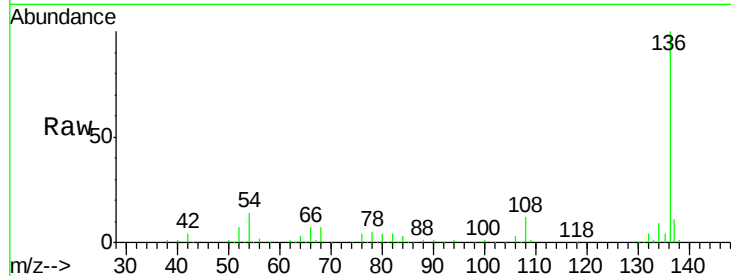




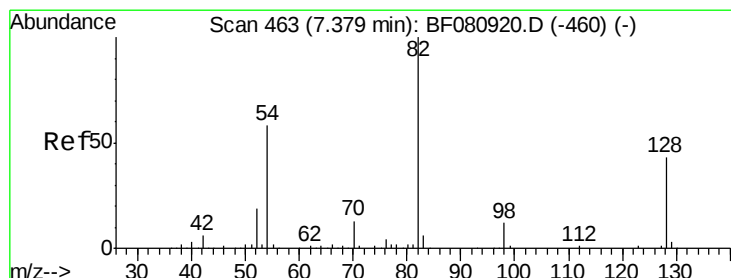
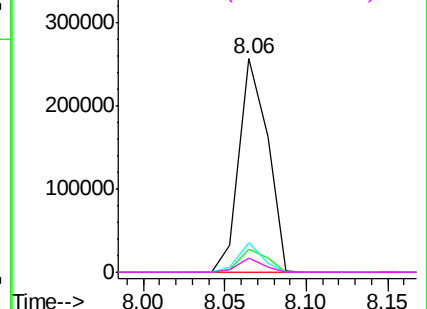
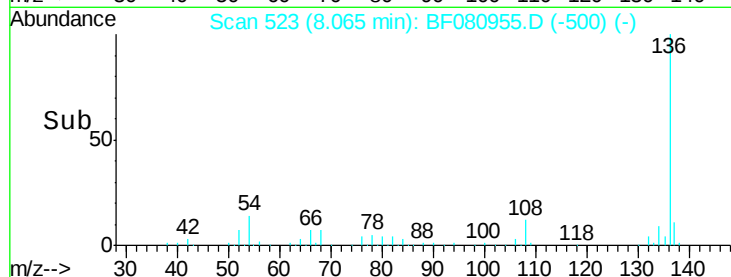
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.03 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84929BL

Tot Ion:136	Resp:	311179
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	13.7	7.1 10.7#
68	6.5	3.8 5.8#

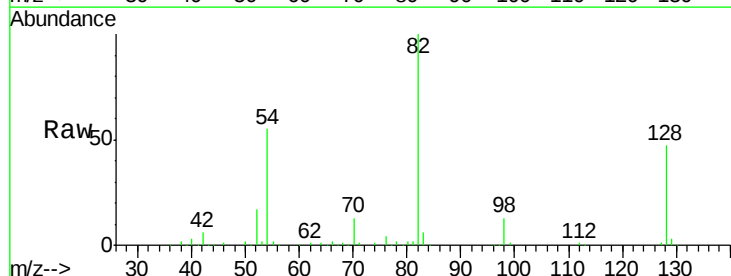


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

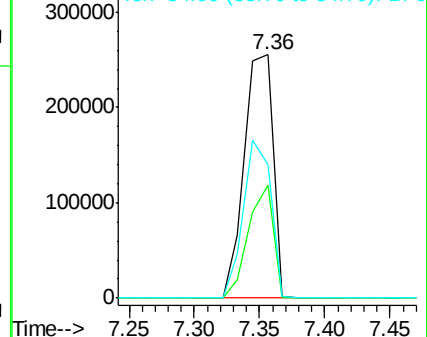
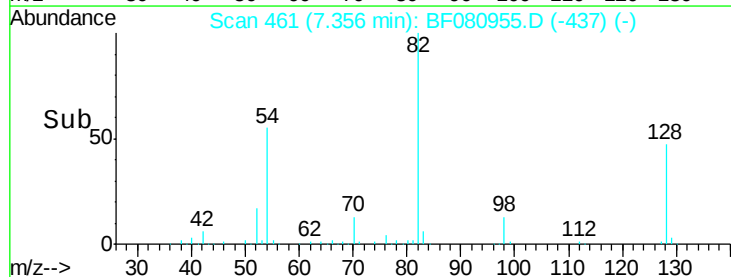


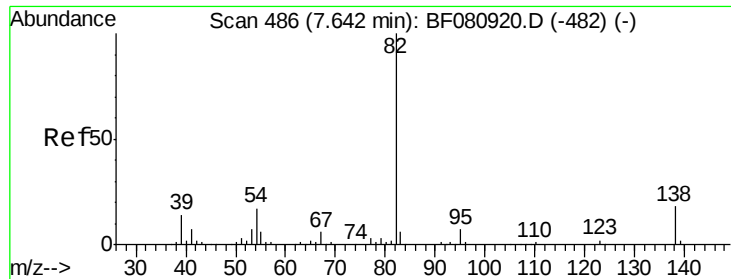
#23
Nitrobenzene-d5
Concen: 59.86 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Tgt Ion: 82	Resp:	393790
Ion Ratio	Lower	Upper
82	100	
128	46.5	34.1 51.1
54	54.7	46.5 69.7



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





#25

Isophorone

Concen: 27.50 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84929BL

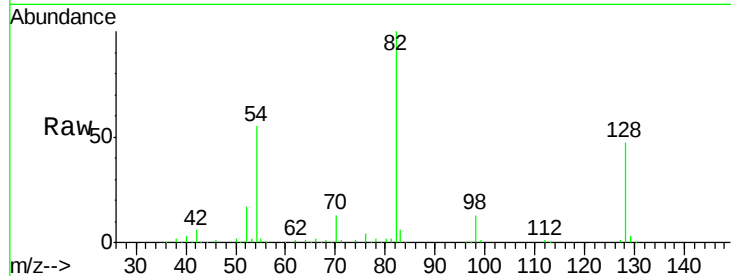
Tot Ion: 82 Resp: 347927

Ion Ratio Lower Upper

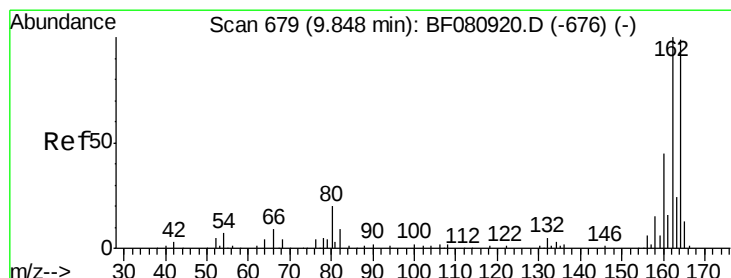
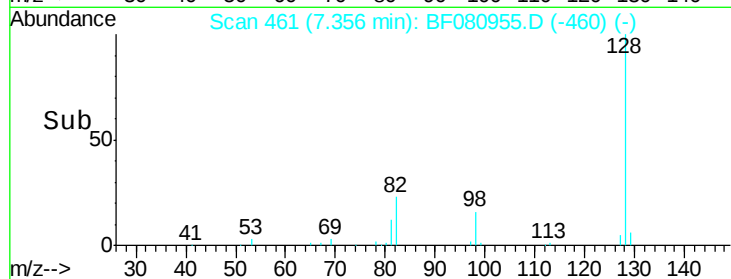
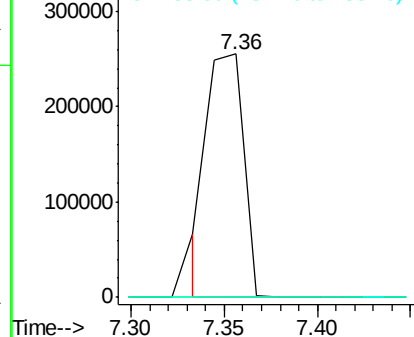
82 100

95 0.0 5.8 8.6#

138 0.0 14.1 21.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 677

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

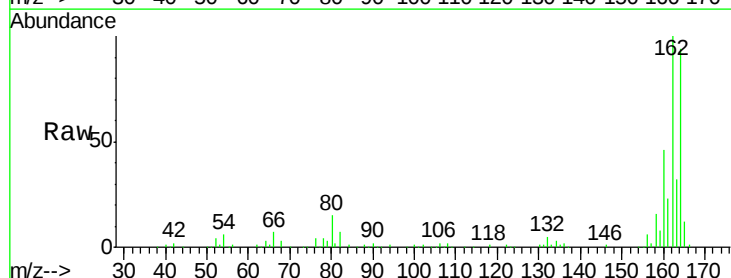
Tgt Ion:164 Resp: 169980

Ion Ratio Lower Upper

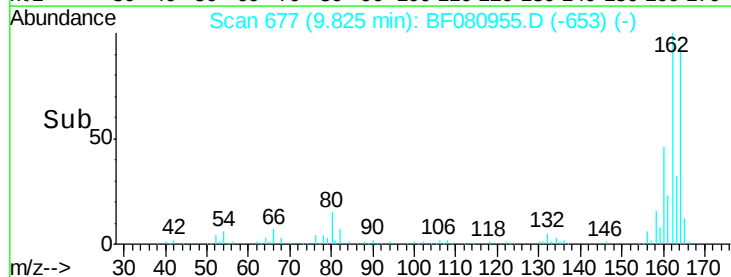
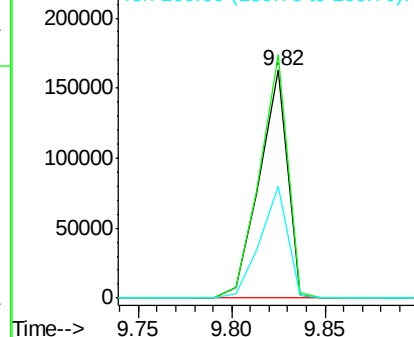
164 100

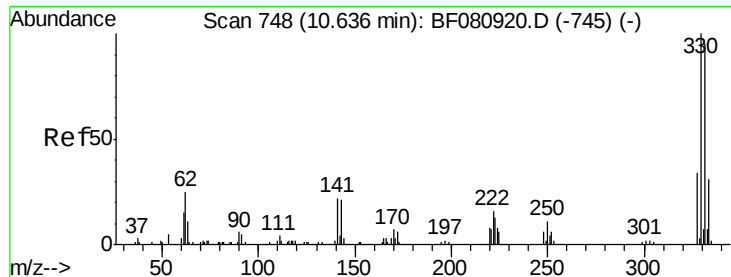
162 106.7 80.5 120.7

160 49.1 36.6 54.8



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

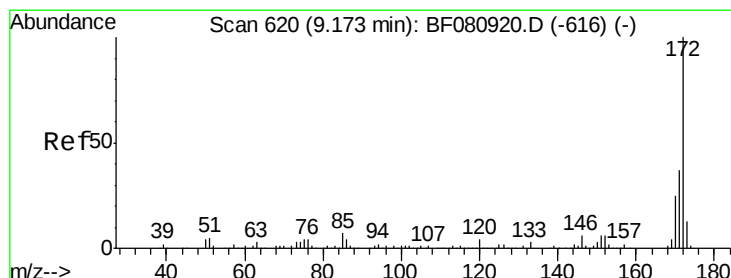
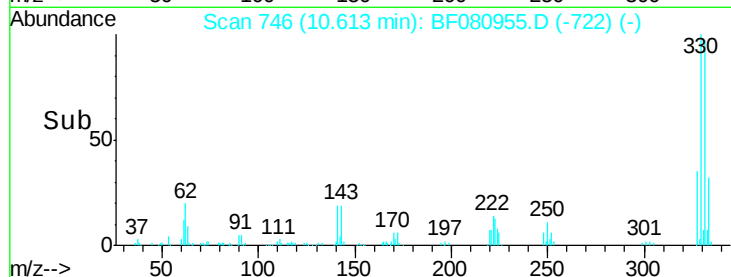
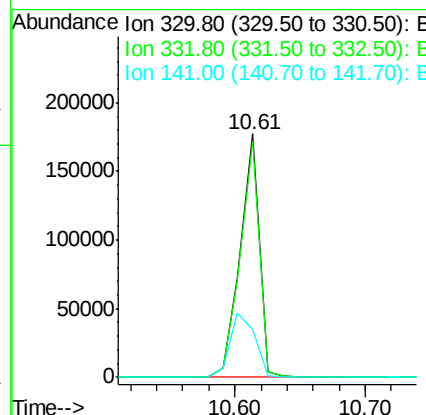
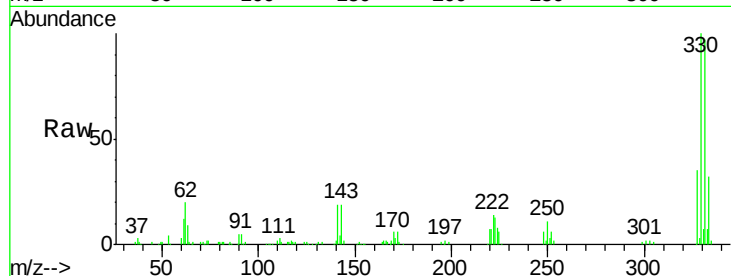




#41
 2,4,6-Tribromophenol
 Concen: 96.02 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

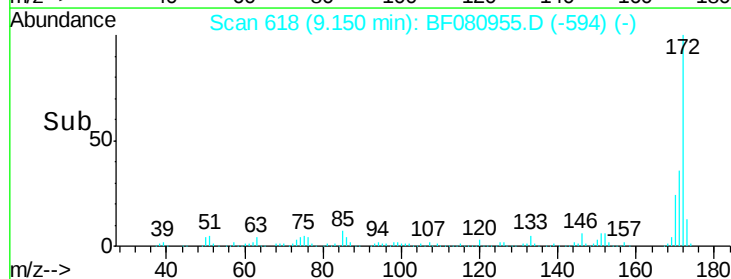
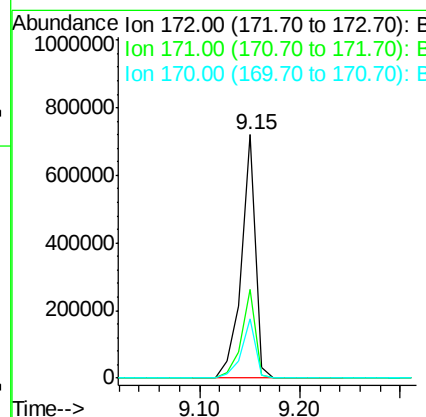
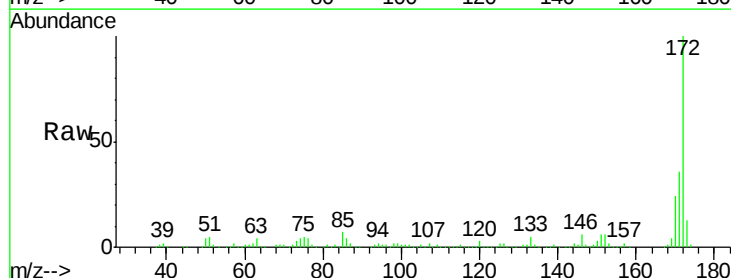
Instrument :
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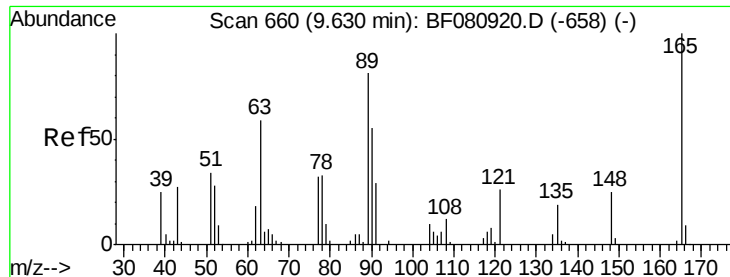
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.2	114.4
141	34.4	27.8	41.8



#44
 2-Fluorobiphenyl
 Concen: 58.01 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.4	19.7	29.5

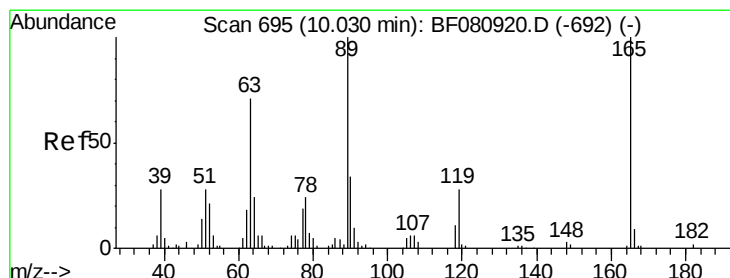
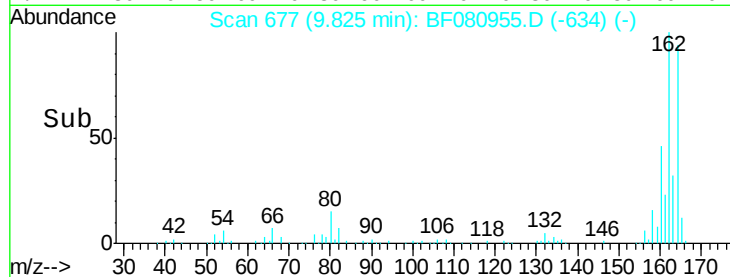
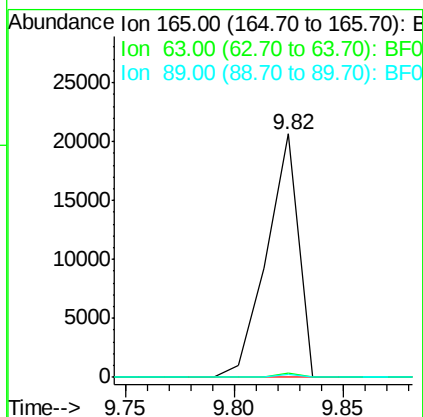
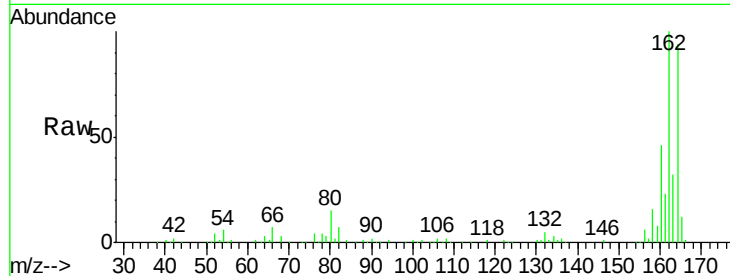




#50
 2,6-Dinitrotoluene
 Concen: 7.29 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.19 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

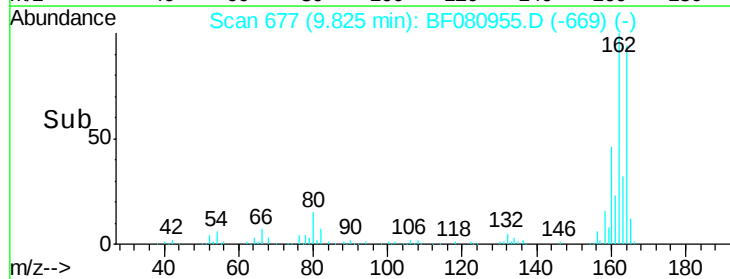
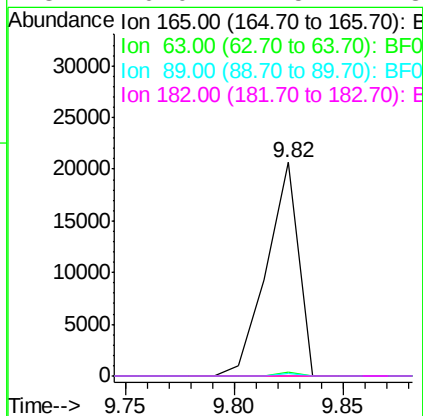
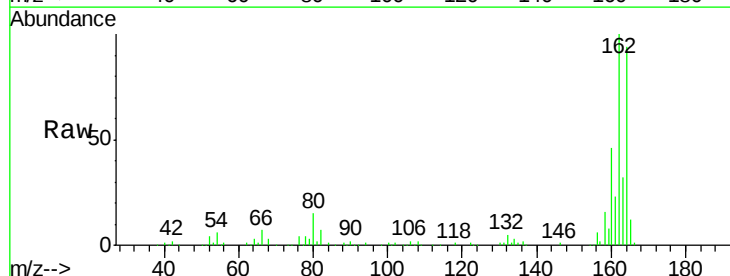
Instrument :
 BNA_F
 ClientSampleID :
 PB84929BL

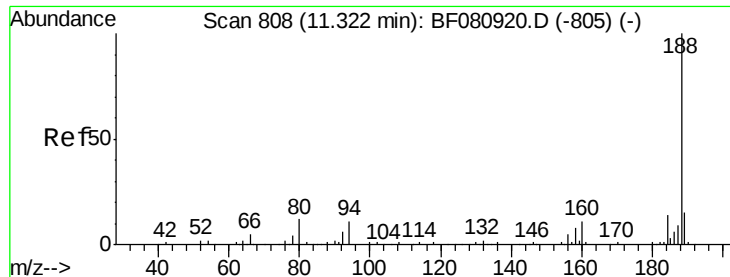
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.9	77.6	116.4#
89	1.5	64.5	96.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.45 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.21 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	56.7	85.1#
89	1.5	80.4	120.6#
182	0.0	1.5	2.3#

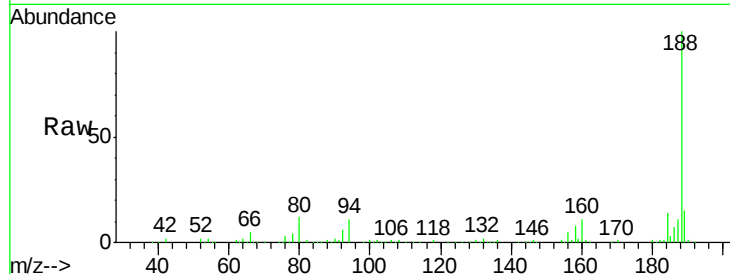




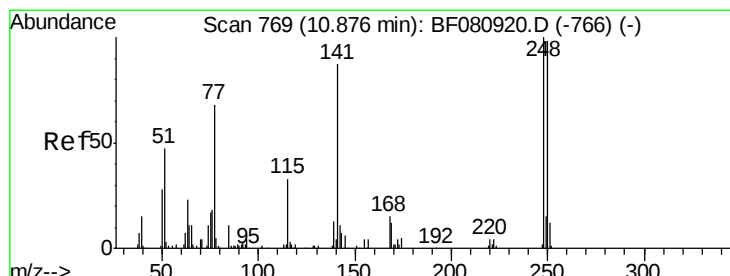
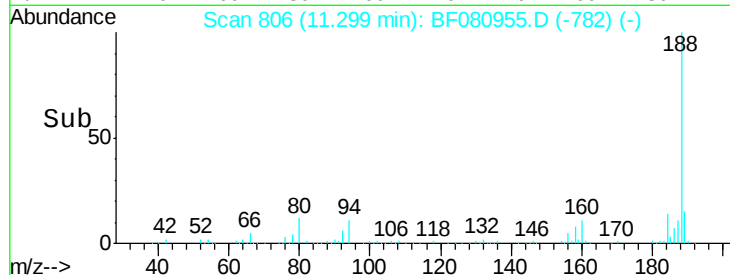
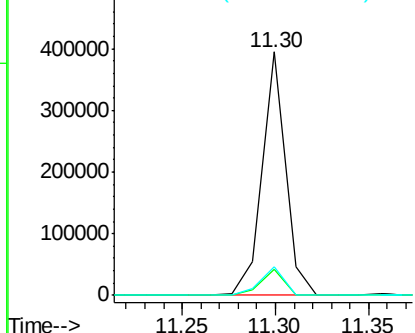
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Instrument :
 BNA_F
 ClientSampleId :
 PB84929BL

Tot Ion:188 Resp: 343051
 Ion Ratio Lower Upper
 188 100
 94 10.6 8.8 13.2
 80 11.8 9.5 14.3

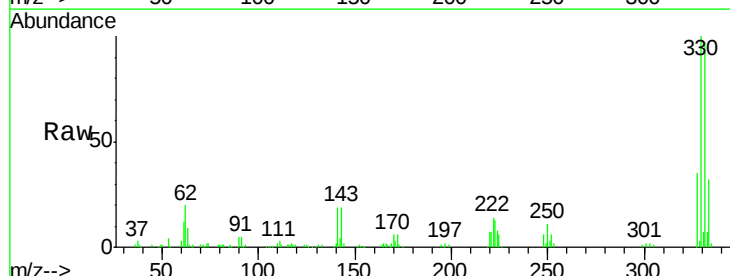


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

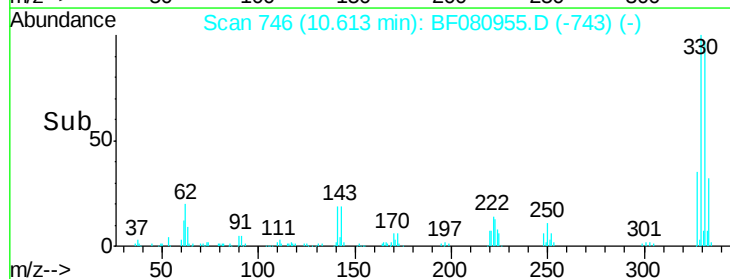
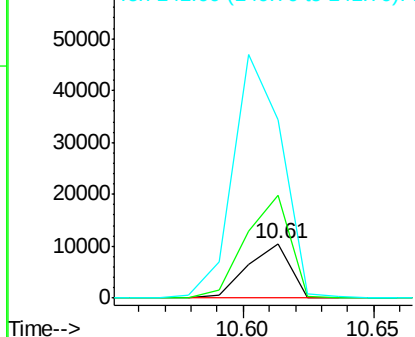


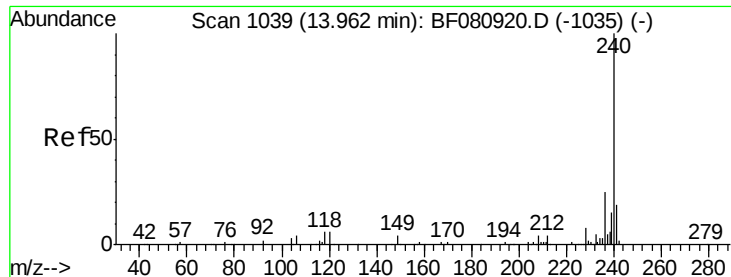
#66
 4-Bromophenyl-phenylether
 Concen: 3.34 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.26 min
 Lab File: BF080955.D
 Acq: 10 Aug 2015 17:04

Tgt Ion:248 Resp: 12121
 Ion Ratio Lower Upper
 248 100
 250 188.4 78.1 117.1#
 141 327.6 69.6 104.4#



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: 13.93 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

Instrument :

BNA_F

ClientSampleId :

PB84929BL

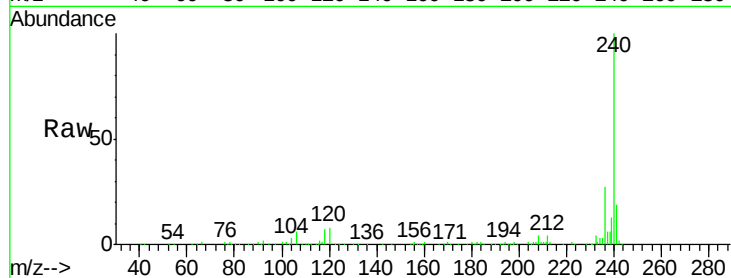
Tot Ion:240 Resp: 333690

Ion Ratio Lower Upper

240 100

120 8.1 5.2 7.8#

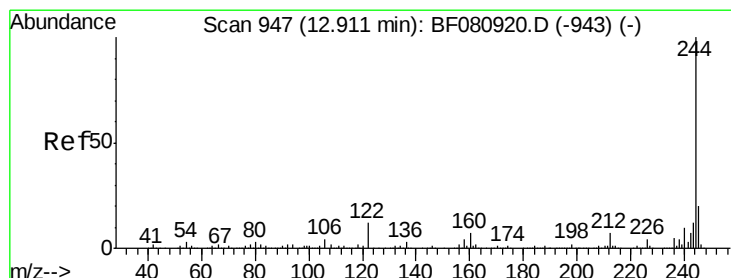
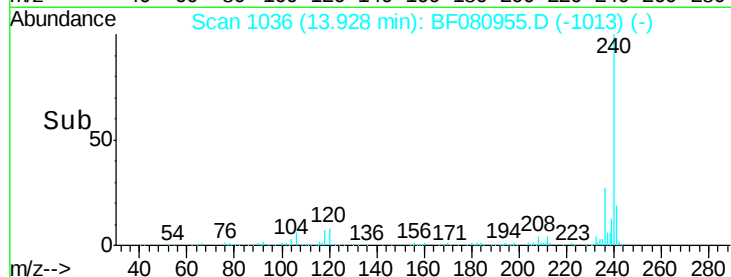
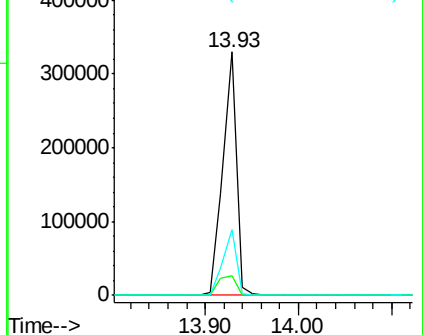
236 26.8 20.2 30.4



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: 48.73 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.02 min

Lab File: BF080955.D

Acq: 10 Aug 2015 17:04

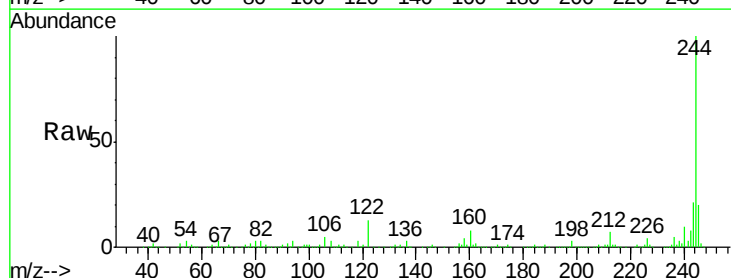
Tgt Ion:244 Resp: 787202

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

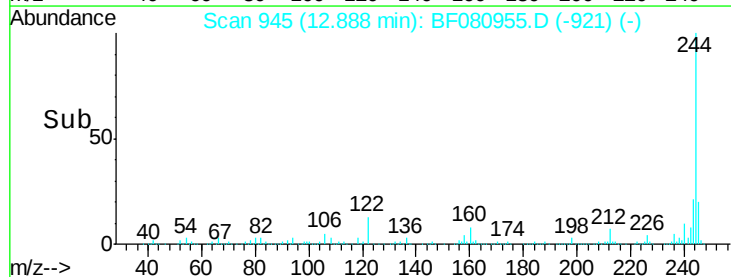
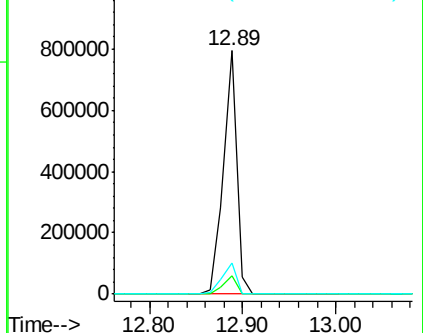
122 12.6 9.4 14.2

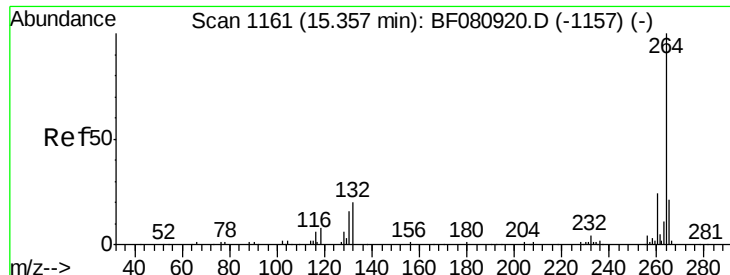


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



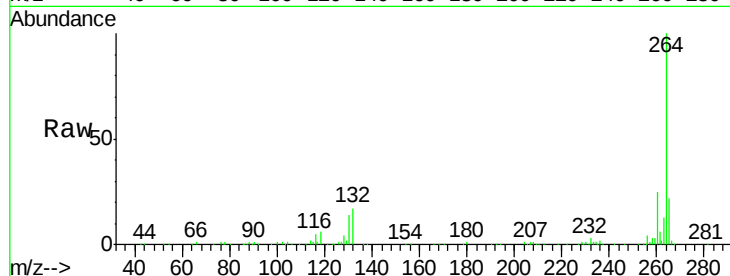


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BF080955.D
Acq: 10 Aug 2015 17:04

Instrument :
BNA_F
ClientSampleId :
PB84929BL

Tot Ion:264 Resp: 270456

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	21.7	17.0	25.4



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

