

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080415\
 Data File : BF080853.D
 Acq On : 4 Aug 2015 22:54
 Operator : TP/UM
 Sample : PB84838BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

Quant Time: Aug 05 02:35:50 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 05 01:46:16 2015
 Response via : Initial Calibration

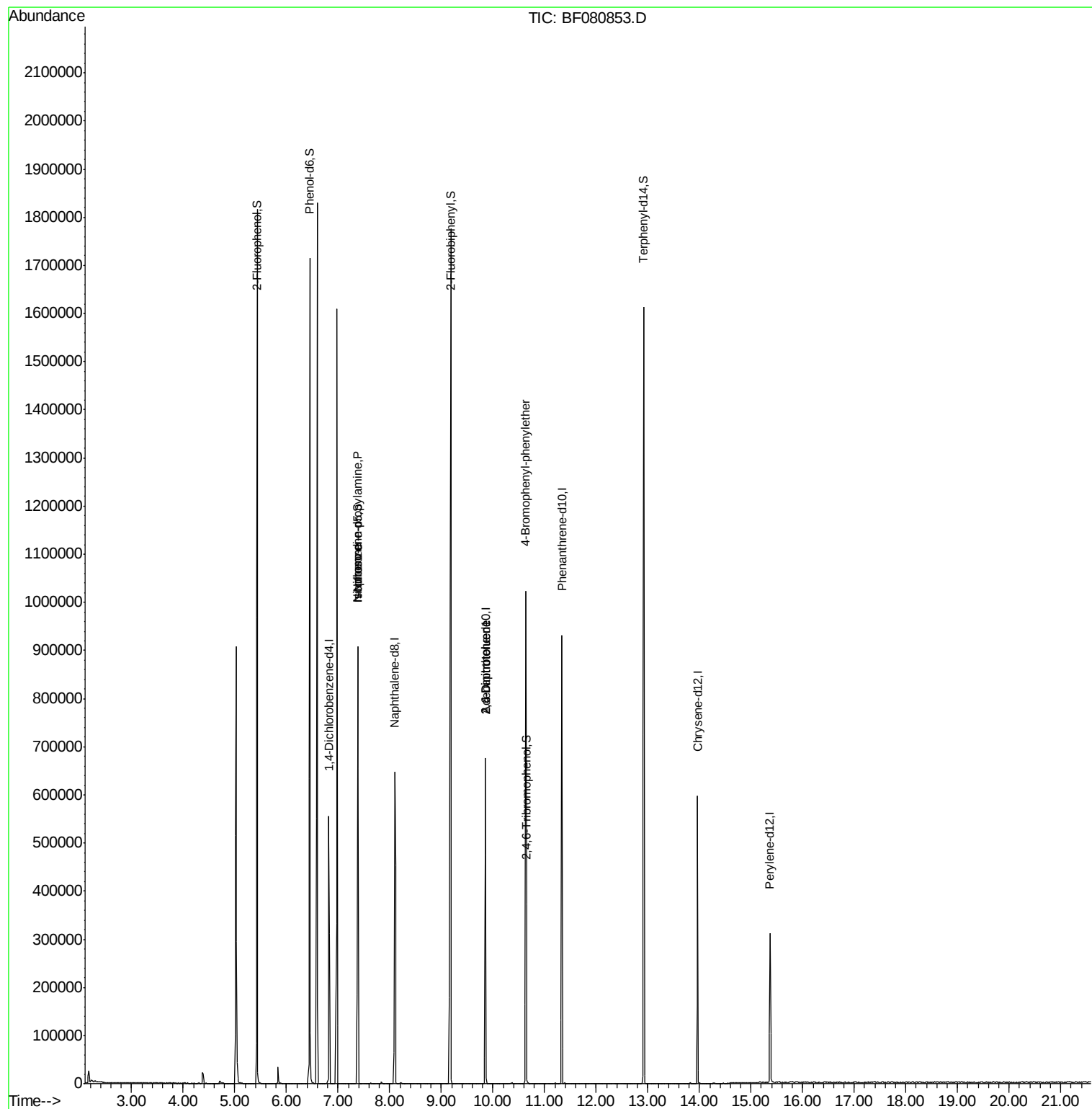
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	95644	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	379478	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	175502	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	309015	20.00	ng	0.00
75) Chrysene-d12	13.96	240	204271	20.00	ng	0.00
86) Perylene-d12	15.37	264	137047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	503133	79.62	ng	0.01
7) Phenol-d6	6.45	99	584951	70.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	406063	50.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	128850	76.13	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	698656	53.60	ng	0.00
78) Terphenyl-d14	12.92	244	556642	49.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	51261	9.61	ng	# 78
25) Isophorone	7.38	82	363660	25.49	ng	# 67
50) 2,6-Dinitrotoluene	9.86	165	21820	8.15	ng	# 12
56) 2,4-Dinitrotoluene	9.86	165	21820	6.46	ng	# 14
66) 4-Bromophenyl-phenylether	10.64	248	8104	2.37	ng	# 1

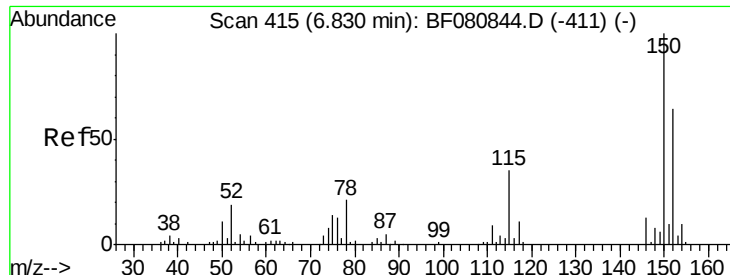
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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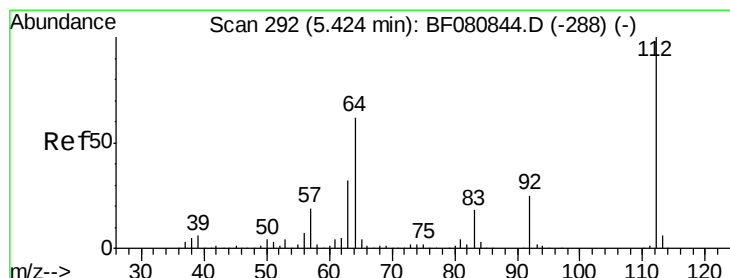
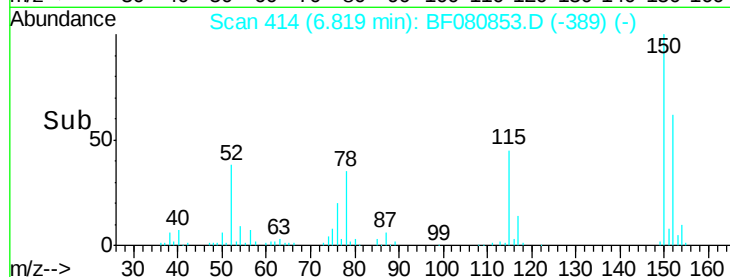
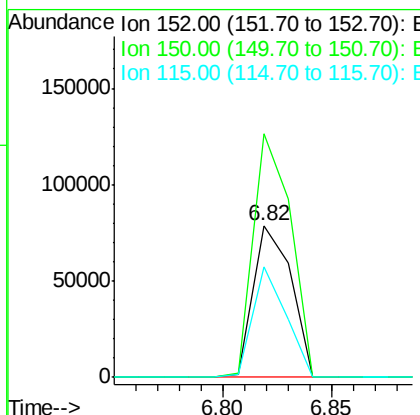
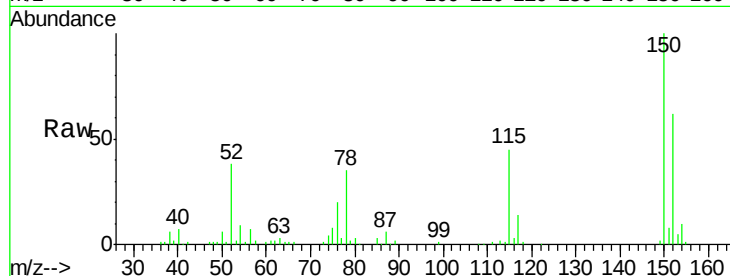




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

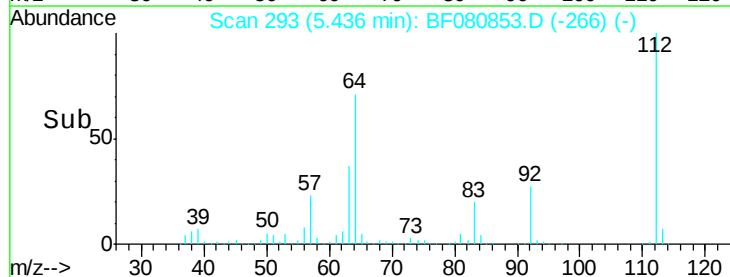
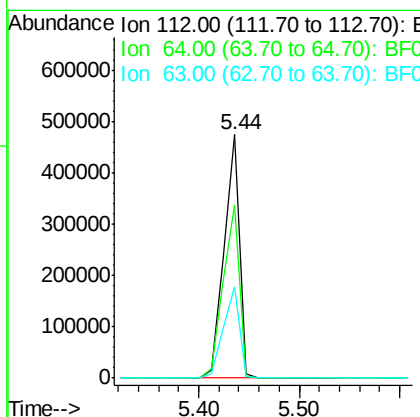
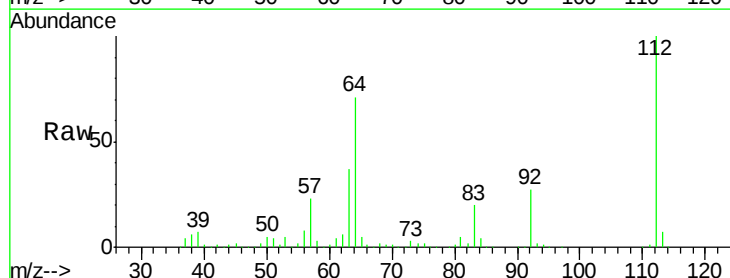
Instrument :
 BNA_F
 ClientSampleId :
 PB84838BL

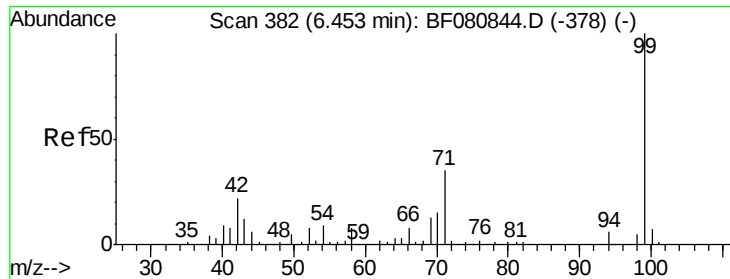
Tot Ion:152 Resp: 95644
 Ion Ratio Lower Upper
 152 100
 150 160.8 124.6 187.0
 115 72.8 44.2 66.4#



#5
 2-Fluorophenol
 Concen: 79.62 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: BF080853.D
 Acq: 4 Aug 2015 22:54

Tgt Ion:112 Resp: 503133
 Ion Ratio Lower Upper
 112 100
 64 71.0 49.5 74.3
 63 37.5 25.3 37.9





#7

Phenol-d6

Concen: 70.81 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

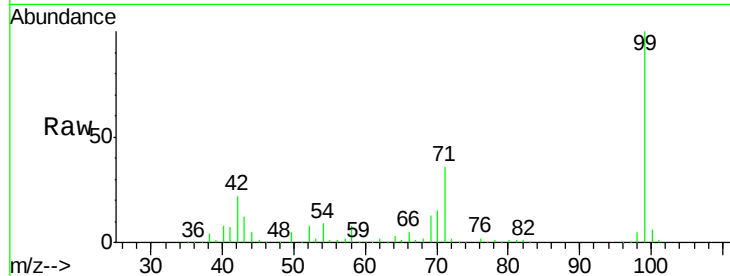
Tot Ion: 99 Resp: 584951

Ion Ratio Lower Upper

99 100

42 21.7 17.9 26.9

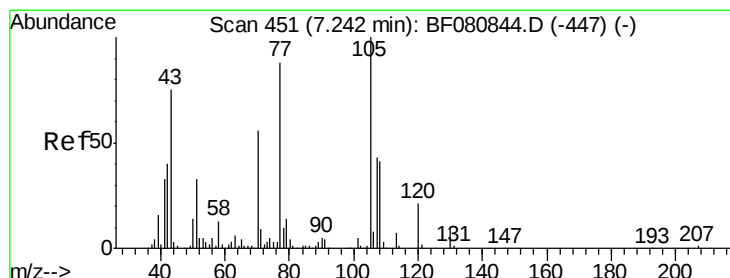
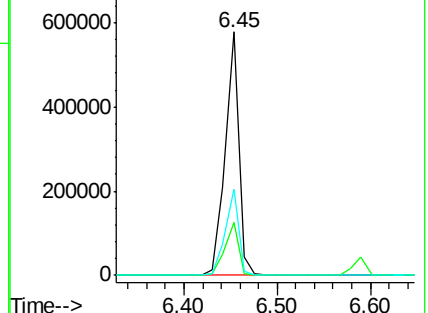
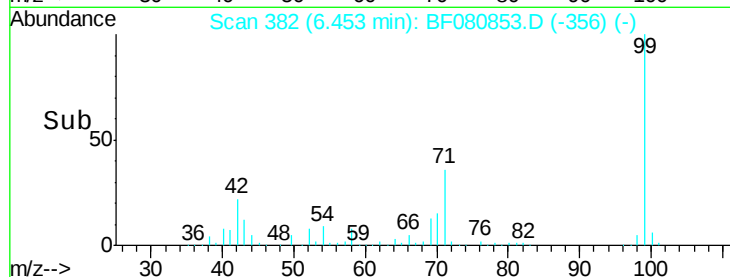
71 35.6 28.2 42.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.61 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Tgt Ion: 70 Resp: 51261

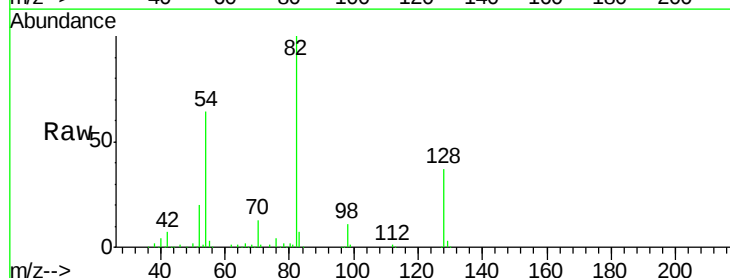
Ion Ratio Lower Upper

70 100

42 56.5 57.8 86.8#

101 0.0 6.7 10.1#

130 1.8 12.6 19.0#

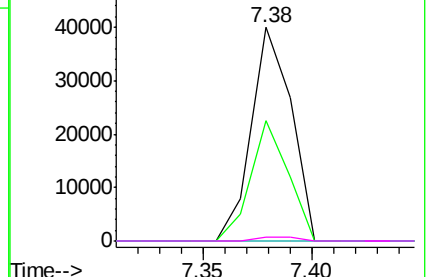
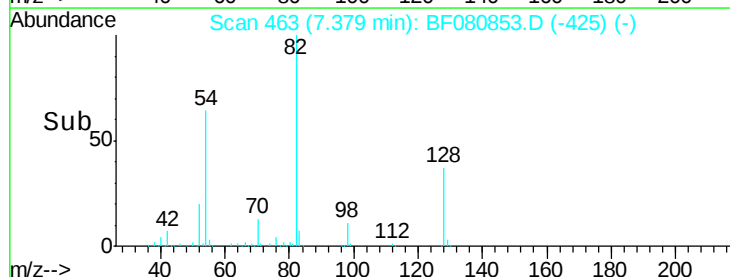


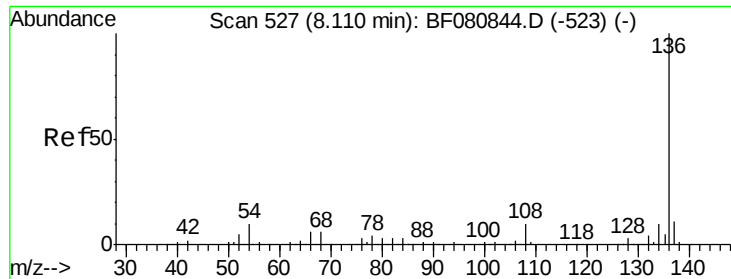
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

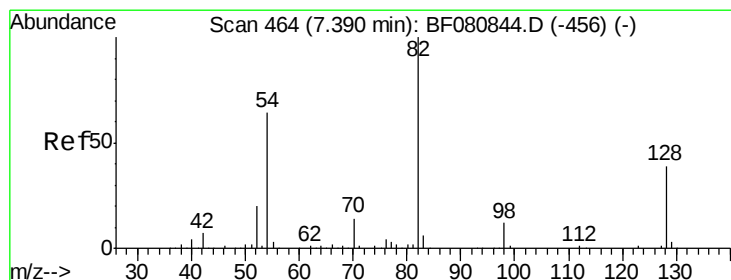
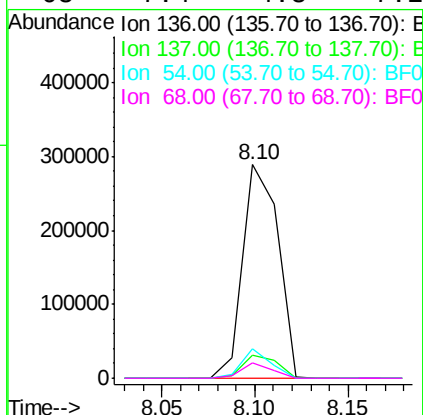
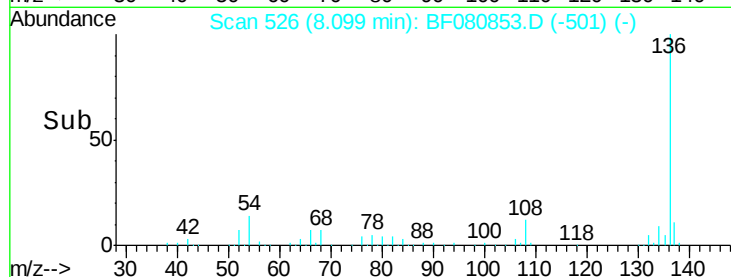
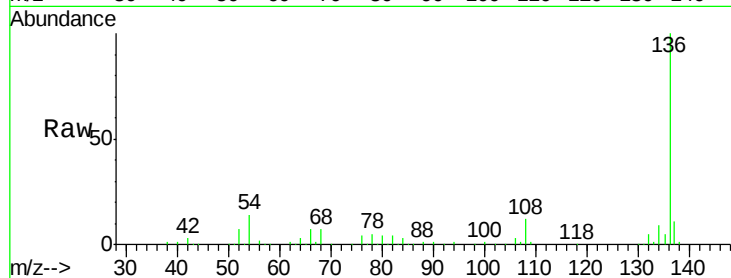




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.01 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

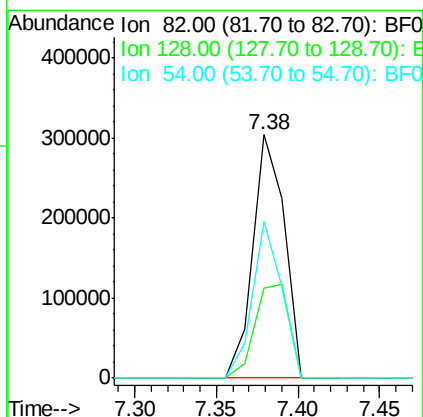
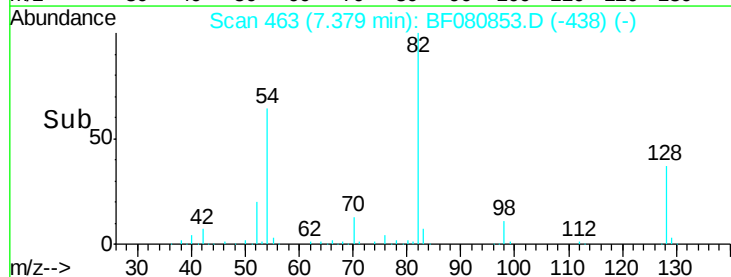
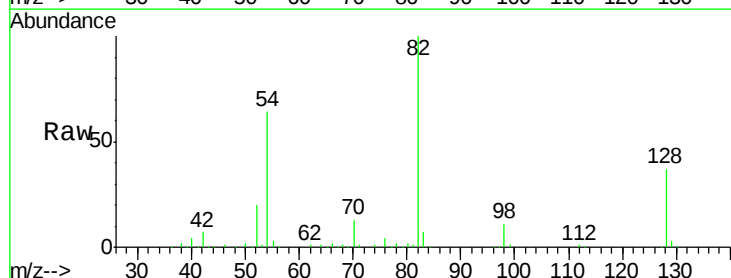
Instrument :
BNA_F
ClientSampleId :
PB84838BL

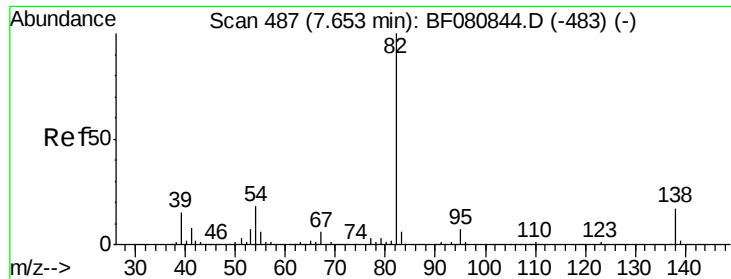
Tot Ion:136	Resp:	379478
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	13.9	8.3 12.5#
68	7.4	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 50.43 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Tgt Ion: 82	Resp:	406063
Ion Ratio	Lower	Upper
82	100	
128	36.9	31.0 46.4
54	64.5	51.0 76.6





#25

Isophorone

Concen: 25.49 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.27 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

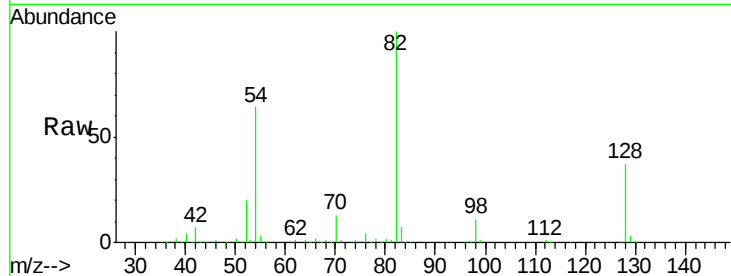
Tot Ion: 82 Resp: 363660

Ion Ratio Lower Upper

82 100

95 0.0 5.5 8.3#

138 0.0 13.3 19.9#

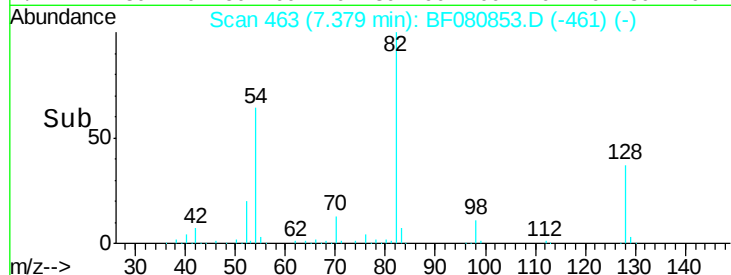


Abundance Ion 82.00 (81.70 to 82.70): BF080844.D (-483) (-)

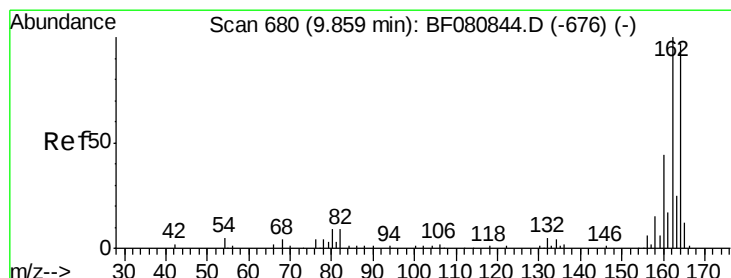
Ion 95.00 (94.70 to 95.70): BF080844.D (-483) (-)

Ion 138.00 (137.70 to 138.70): BF080844.D (-483) (-)

Time-->



Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

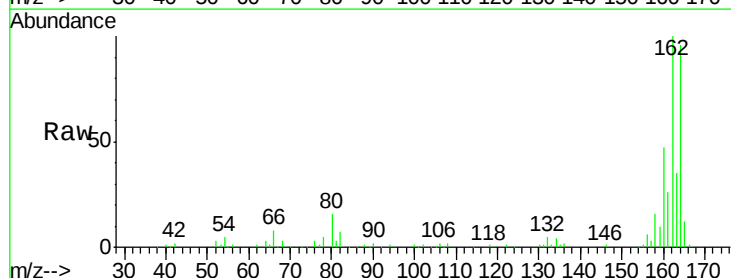
Tgt Ion:164 Resp: 175502

Ion Ratio Lower Upper

164 100

162 104.3 82.9 124.3

160 48.7 36.6 54.8

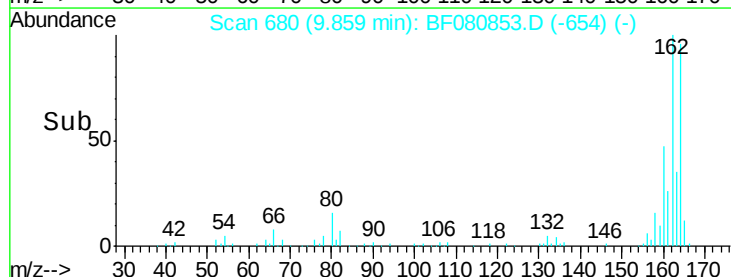


Abundance Ion 164.00 (163.70 to 164.70): BF080844.D (-676) (-)

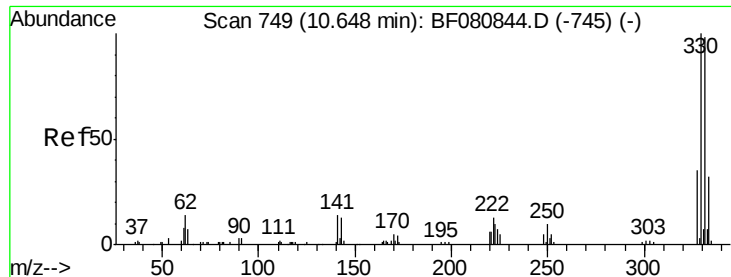
Ion 162.00 (161.70 to 162.70): BF080844.D (-676) (-)

Ion 160.00 (159.70 to 160.70): BF080844.D (-676) (-)

Time-->



Time-->



#41

2,4,6-Tribromophenol

Concen: 76.13 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

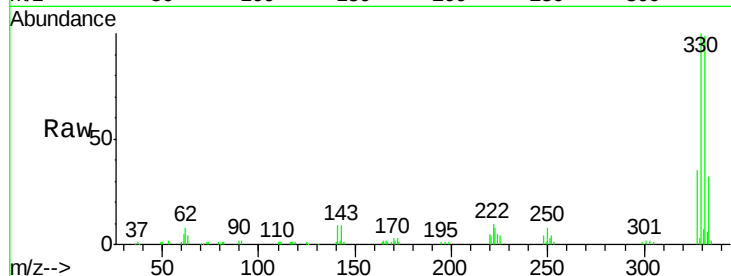
Tot Ion:330 Resp: 128850

Ion Ratio Lower Upper

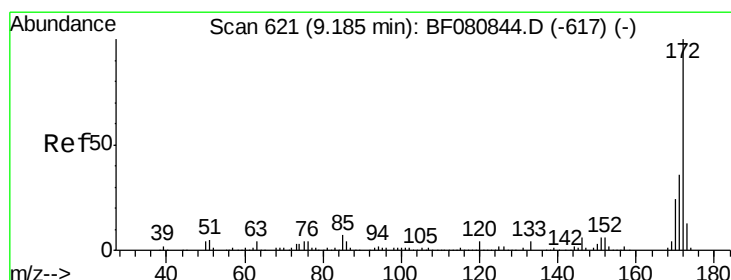
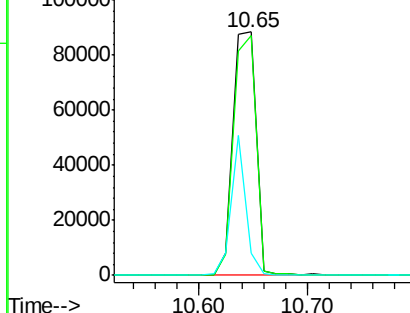
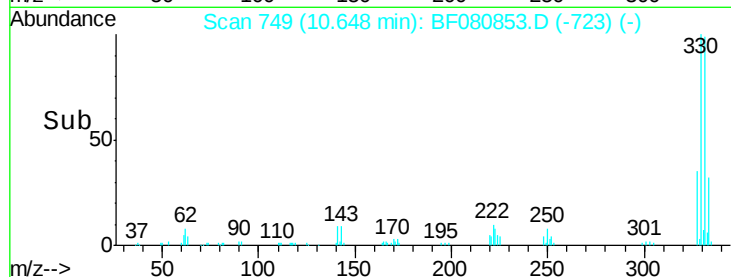
330 100

332 95.7 77.8 116.8

141 36.0 28.4 42.6



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: 53.60 ng

RT: 9.18 min Scan# 621

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

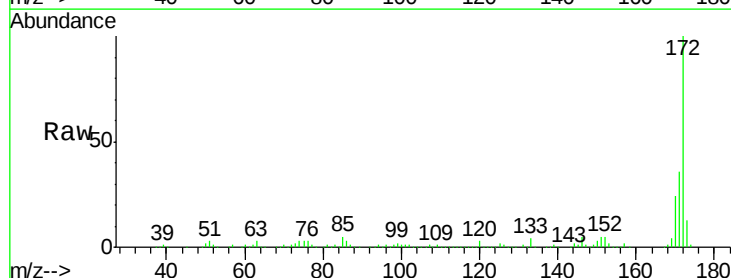
Tgt Ion:172 Resp: 698656

Ion Ratio Lower Upper

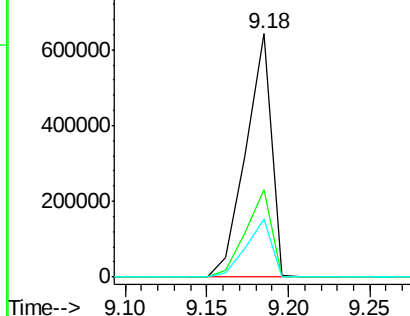
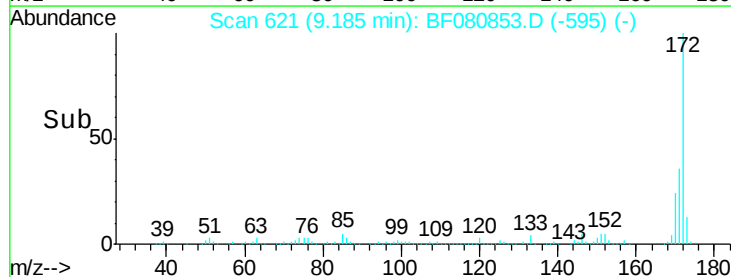
172 100

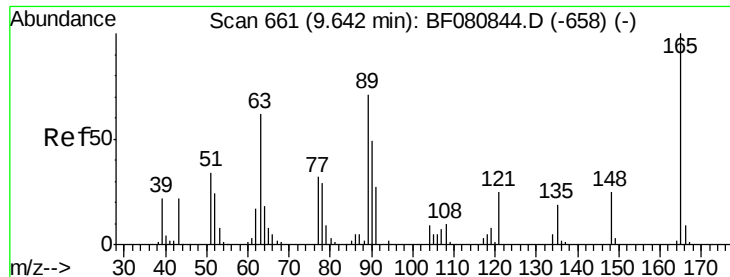
171 35.9 28.9 43.3

170 24.1 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: 8.15 ng

RT: 9.86 min Scan# 680

Delta R.T. 0.22 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

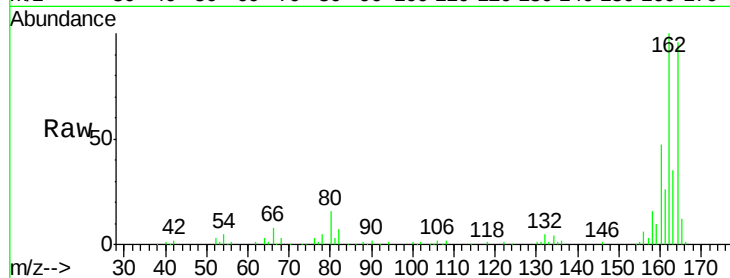
Tot Ion:165 Resp: 21820

Ion Ratio Lower Upper

165 100

63 0.0 65.0 97.6#

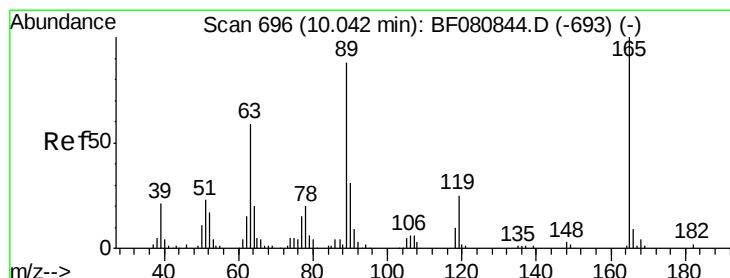
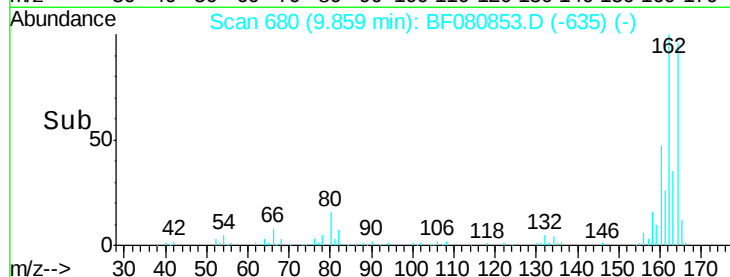
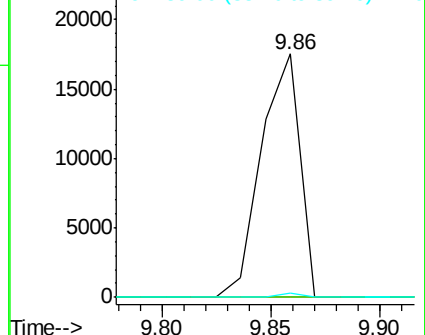
89 1.9 56.6 85.0#



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: 6.46 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.18 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Tgt Ion:165 Resp: 21820

Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 1.9 70.2 105.2#

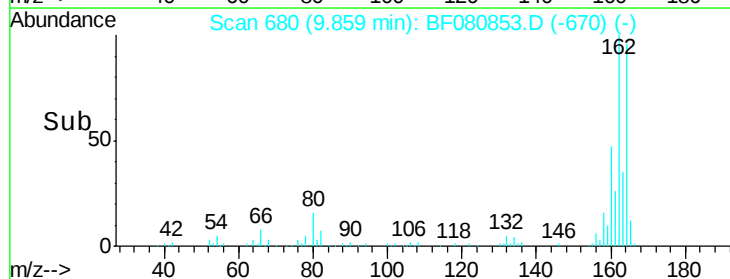
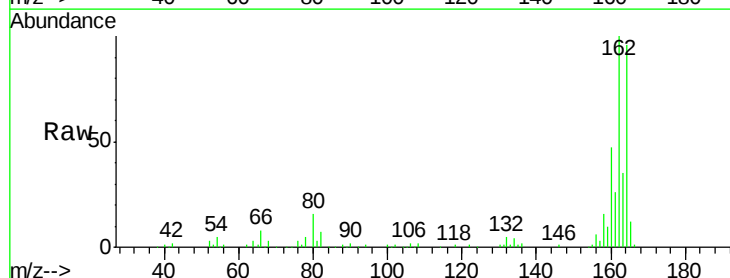
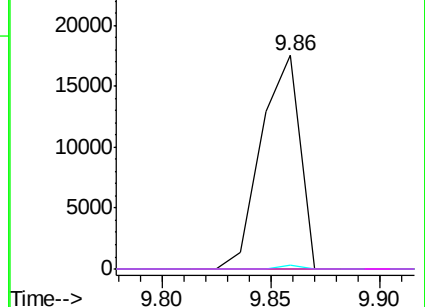
182 0.0 1.5 2.3#

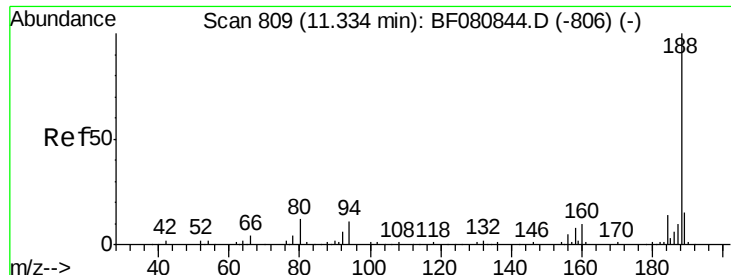
Abundance Ion 165.00 (164.70 to 165.70): E

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

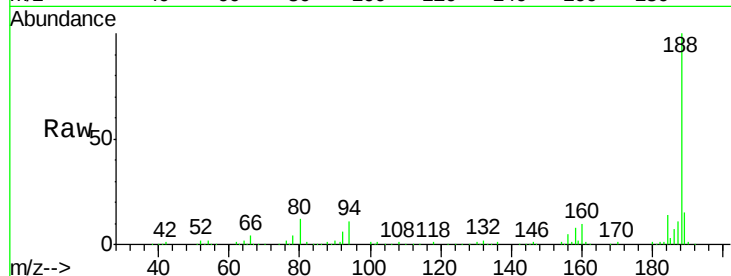




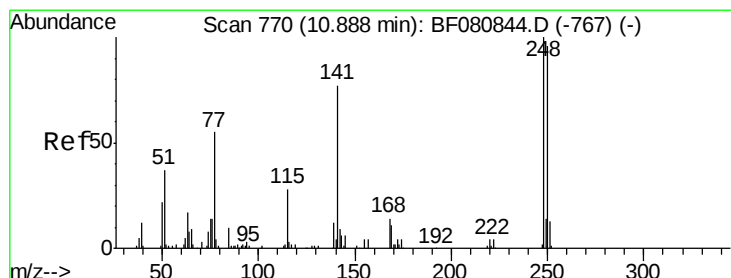
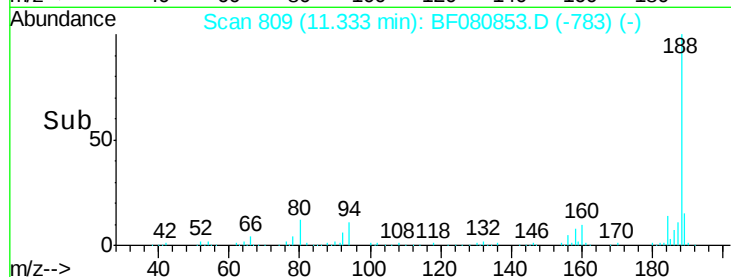
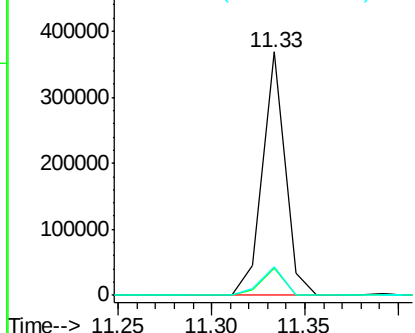
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Instrument :
BNA_F
ClientSampleId :
PB84838BL

Tot Ion:188 Resp: 309015
Ion Ratio Lower Upper
188 100
94 11.0 8.6 12.8
80 11.8 9.3 13.9

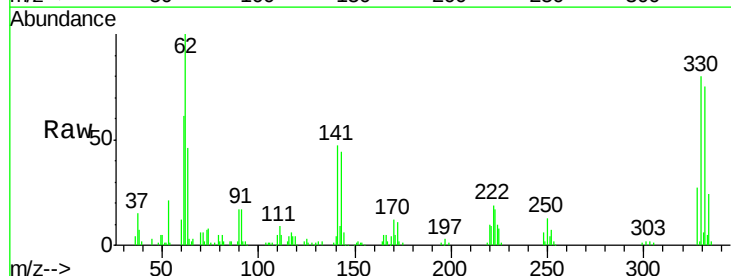


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

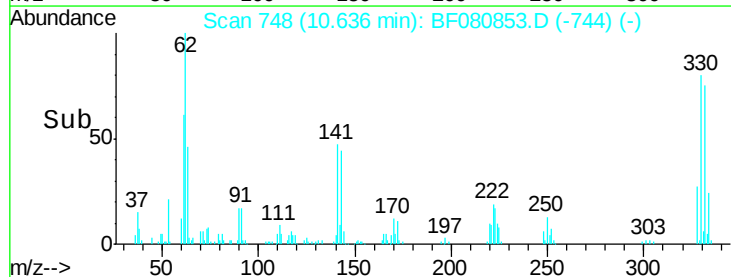
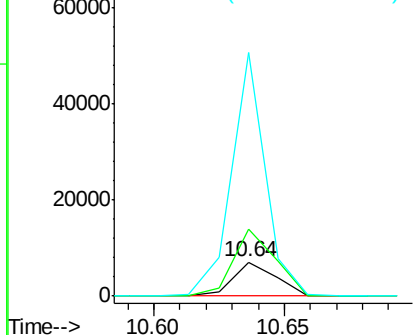


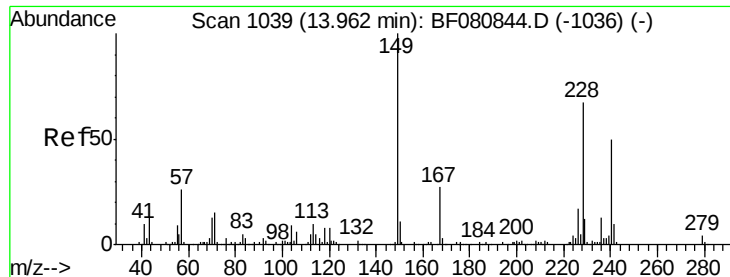
#66
4-Bromophenyl-phenylether
Concen: 2.37 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Tgt Ion:248 Resp: 8104
Ion Ratio Lower Upper
248 100
250 198.6 77.2 115.8#
141 720.6 61.4 92.0#



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: 13.96 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

Instrument :

BNA_F

ClientSampleId :

PB84838BL

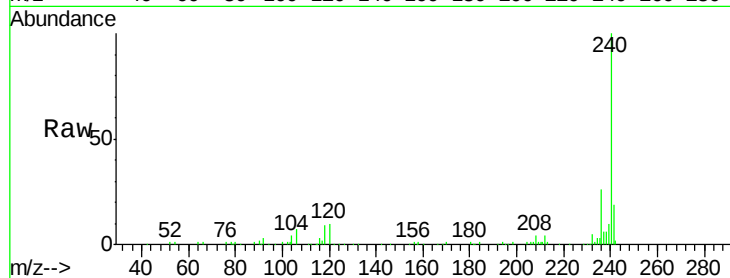
Tot Ion:240 Resp: 204271

Ion Ratio Lower Upper

240 100

120 10.0 13.0 19.6#

236 26.1 20.7 31.1

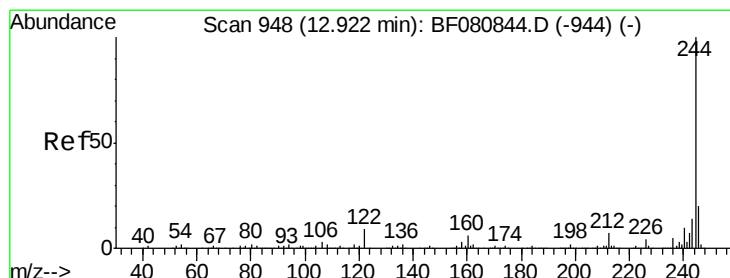
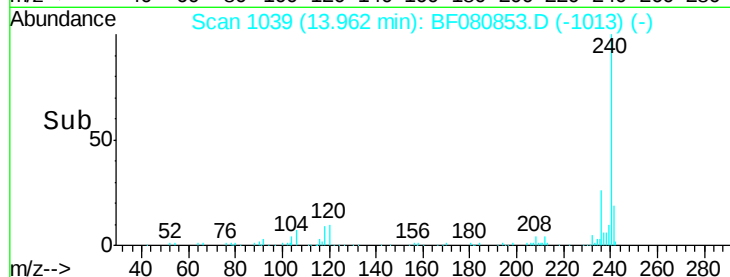
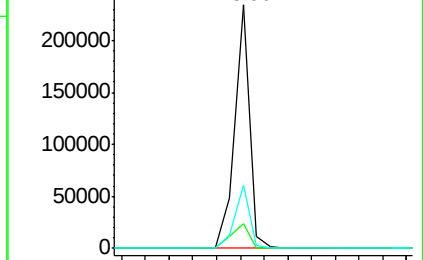


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.96



#78

Terphenyl-d14

Concen: 49.32 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF080853.D

Acq: 4 Aug 2015 22:54

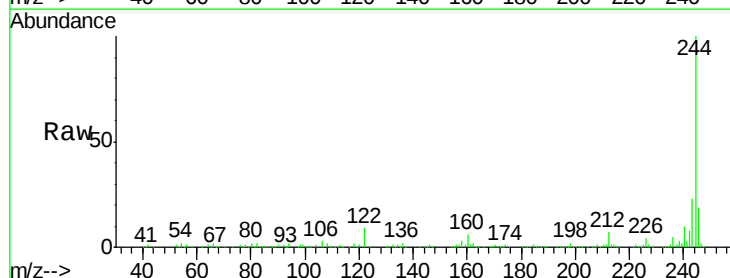
Tgt Ion:244 Resp: 556642

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 9.1 7.1 10.7

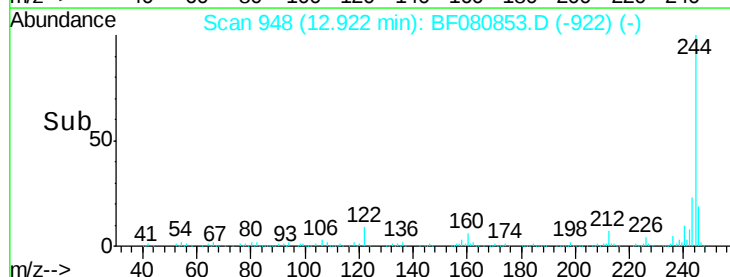
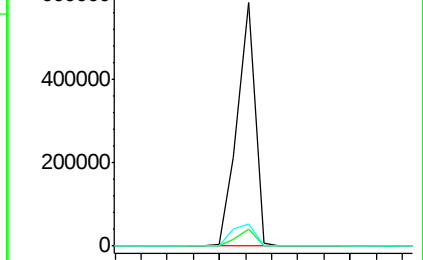


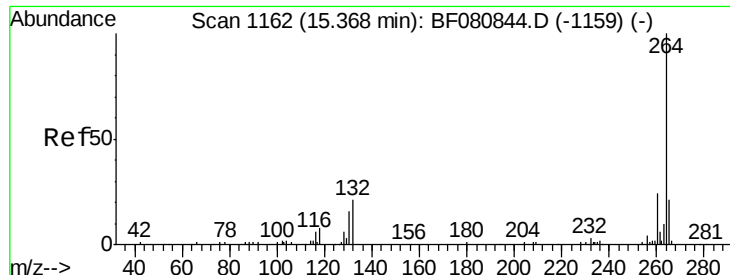
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.92

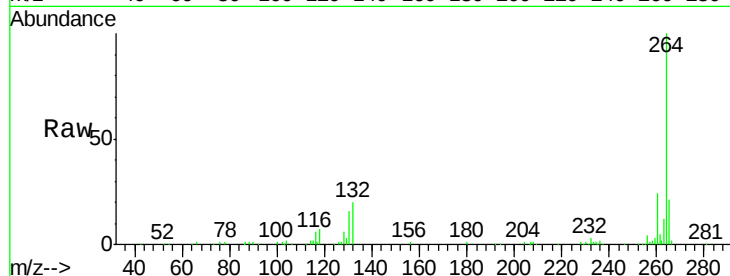




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.00 min
Lab File: BF080853.D
Acq: 4 Aug 2015 22:54

Instrument :
BNA_F
ClientSampleId :
PB84838BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	21.4	16.8	25.2



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

