

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080822.D
 Acq On : 4 Aug 2015 2:09
 Operator : TP
 Sample : PB84720BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Quant Time: Aug 04 04:46:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 01:58:34 2015
 Response via : Initial Calibration

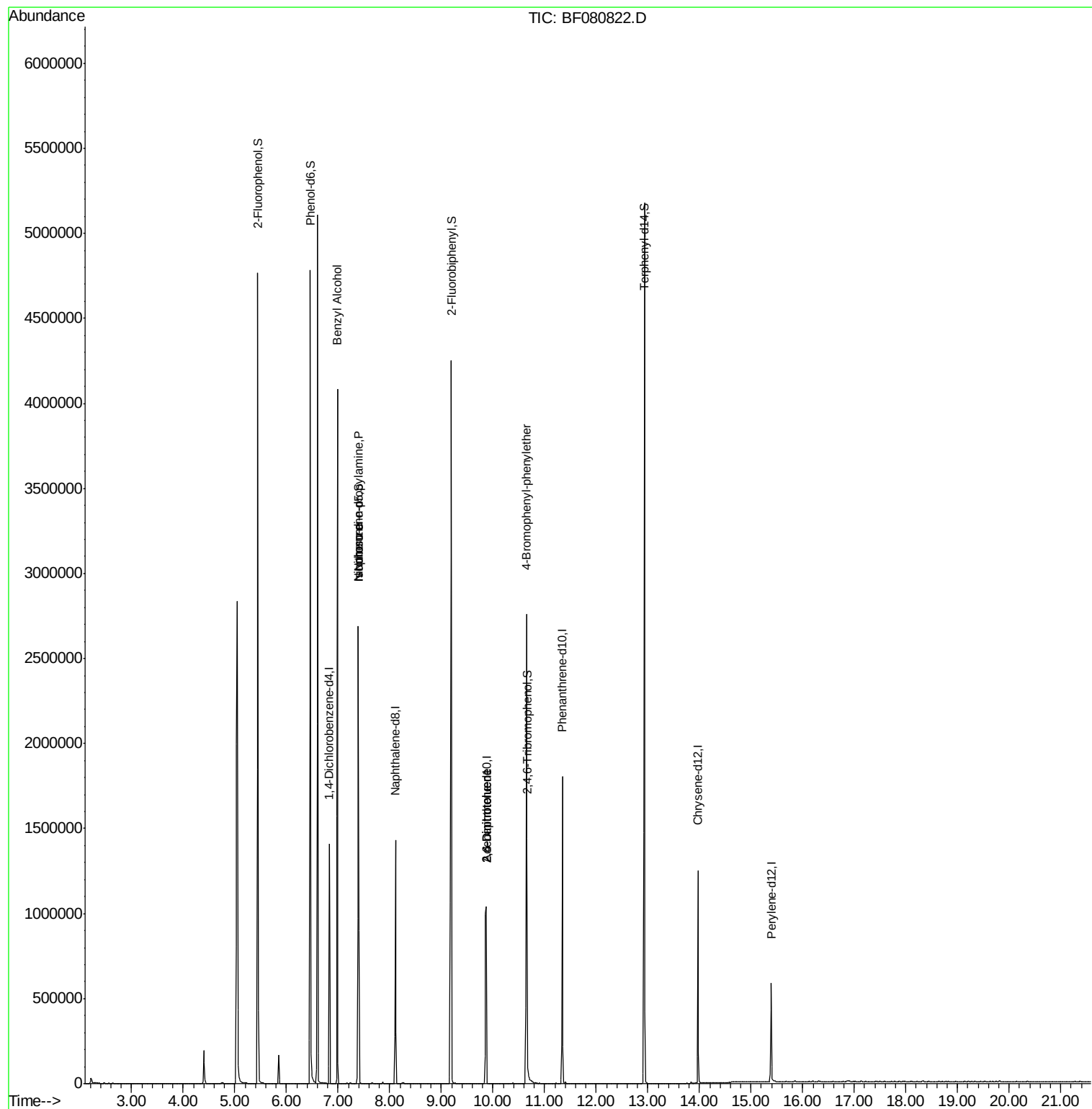
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	178138	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	632912	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	316704	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	619256	20.00	ng	0.00
75) Chrysene-d12	13.97	240	405971	20.00	ng	-0.01
86) Perylene-d12	15.39	264	310246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1235855	115.66	ng	0.01
7) Phenol-d6	6.46	99	1711117	119.05	ng	0.00
23) Nitrobenzene-d5	7.39	82	1042654	81.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	461225	151.98	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1958683	93.48	ng	0.00
78) Terphenyl-d14	12.93	244	1591997	78.15	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2269	Below Cal	#	2
15) Benzyl Alcohol	6.99	79	19611	2.01 ng	#	46
19) n-Nitroso-di-n-propylamine	7.39	70	138457	14.89 ng	#	76
25) Isophorone	7.39	82	816304	35.59 ng	#	66
50) 2,6-Dinitrotoluene	9.87	165	40339	8.85 ng	#	12
56) 2,4-Dinitrotoluene	9.87	165	40339	7.00 ng	#	12
66) 4-Bromophenyl-phenylether	10.65	248	26640	3.92 ng	#	1

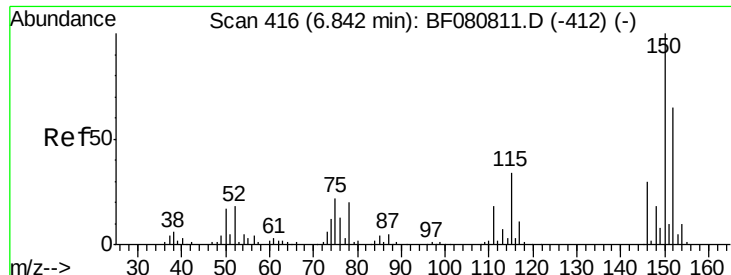
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB84720BL

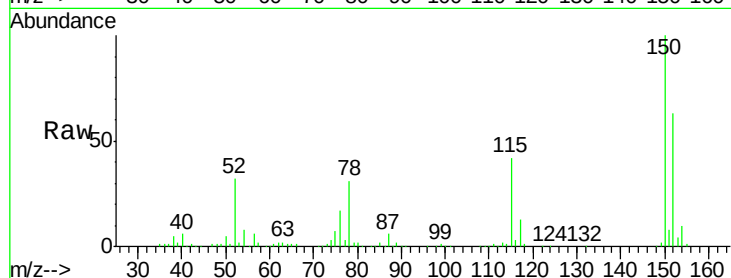
Tot Ion:152 Resp: 178138

Ion Ratio Lower Upper

152 100

150 158.8 122.9 184.3

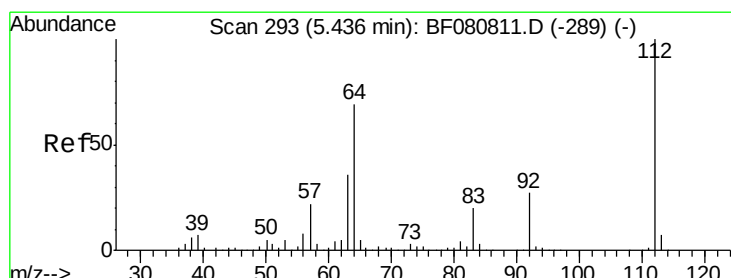
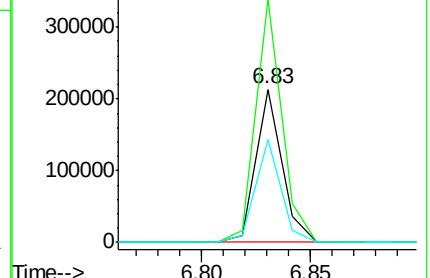
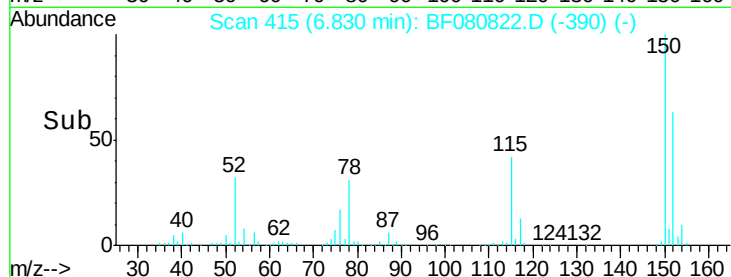
115 66.6 42.0 63.0#



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: 115.66 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

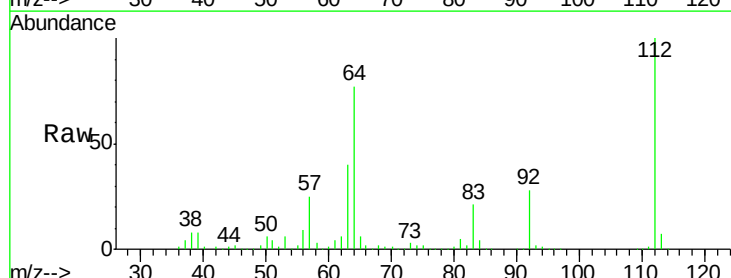
Tgt Ion:112 Resp: 1235855

Ion Ratio Lower Upper

112 100

64 77.1 55.0 82.4

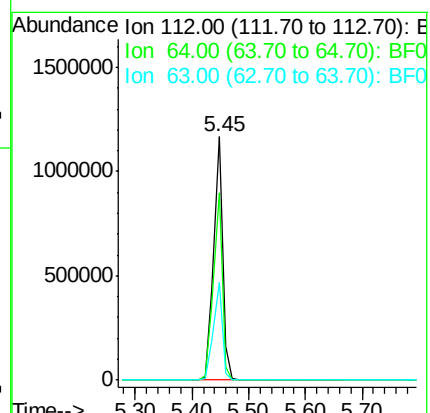
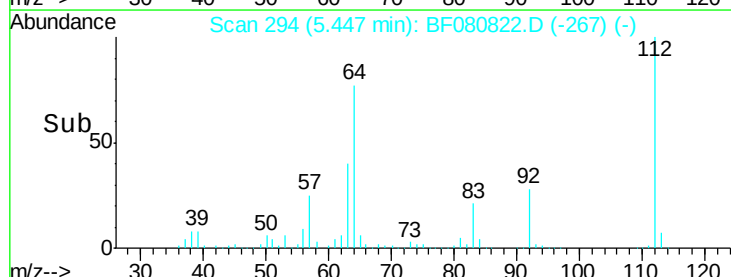
63 40.0 28.6 42.8

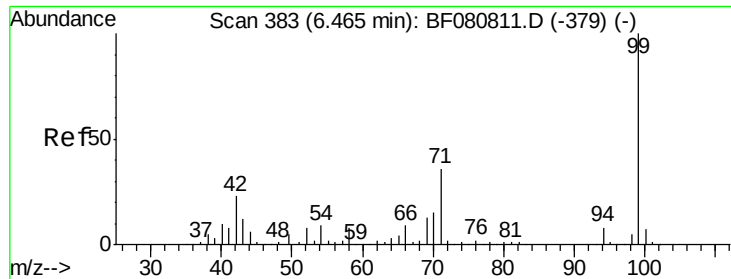


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.05 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

Instrument :

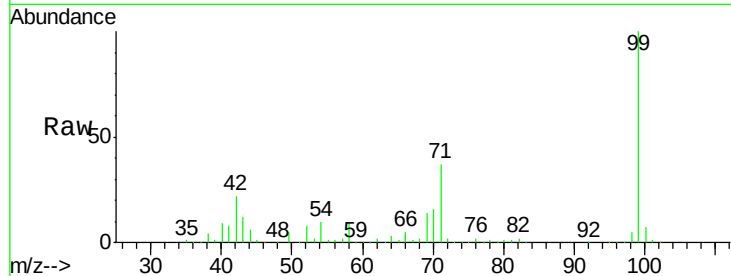
BNA_F

ClientSampleId :

PB84720BL

Tot Ion: 99 Resp: 1711117

Ion	Ratio	Lower	Upper
99	100		
42	22.5	18.4	27.6
71	36.7	28.7	43.1

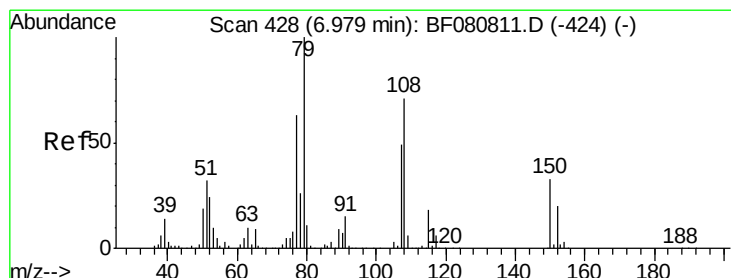
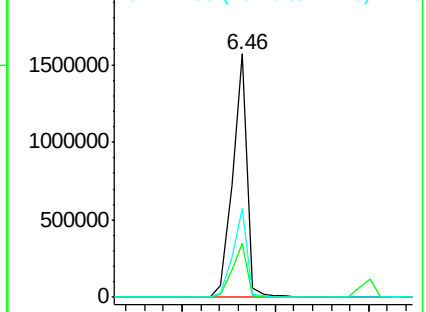
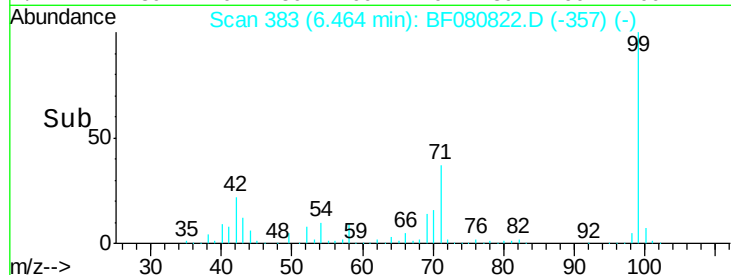


Abundance

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: 2.01 ng

RT: 6.99 min Scan# 429

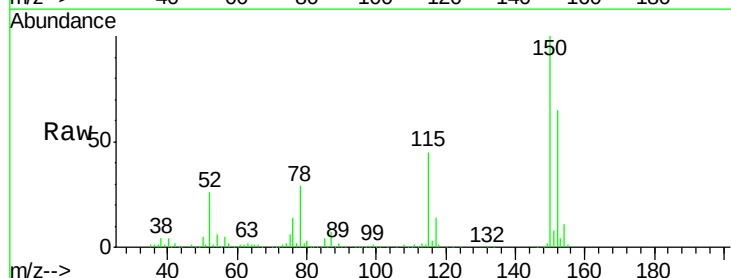
Delta R.T. 0.01 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

Tgt Ion: 79 Resp: 19611

Ion	Ratio	Lower	Upper
79	100		
108	26.9	56.9	85.3#
77	106.0	50.4	75.6#

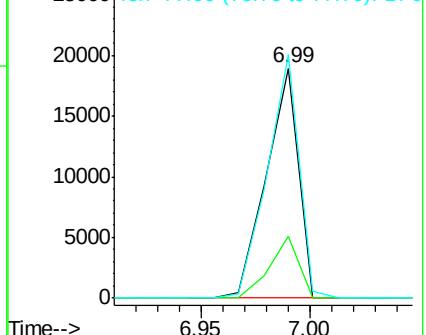
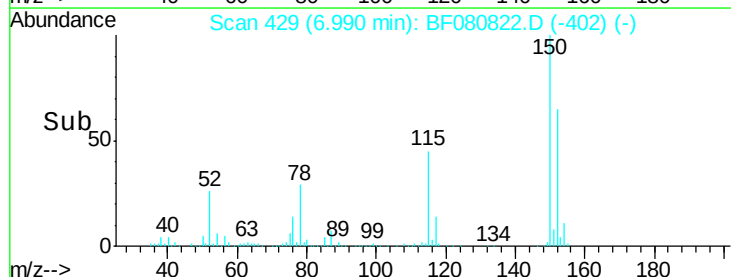


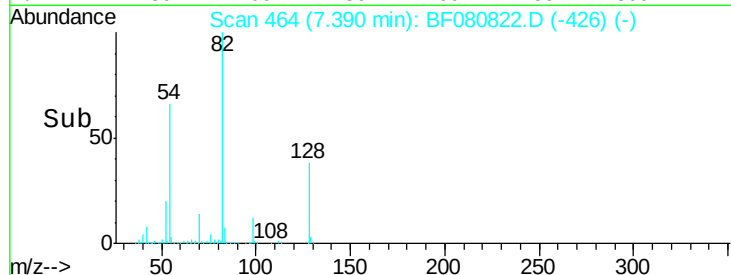
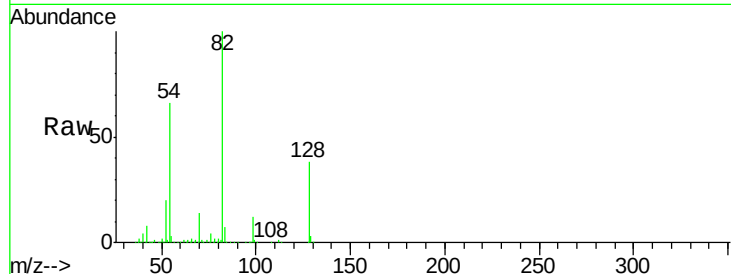
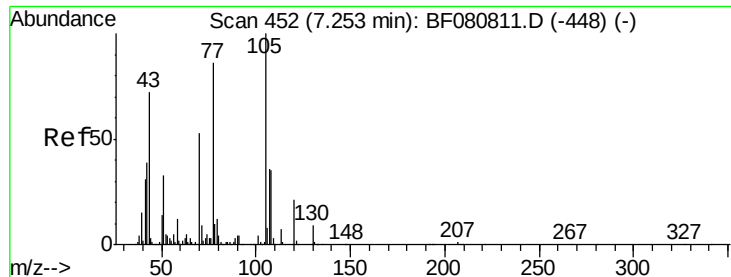
Abundance

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

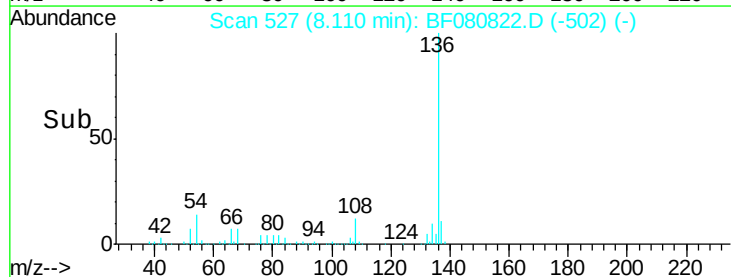
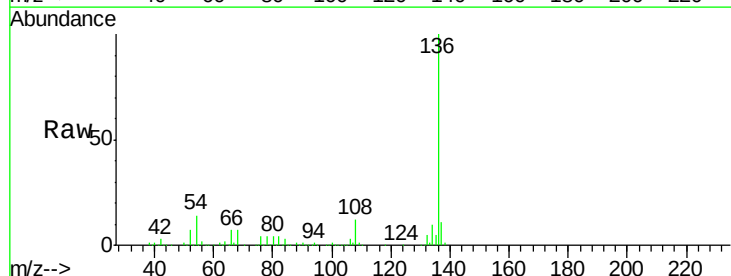
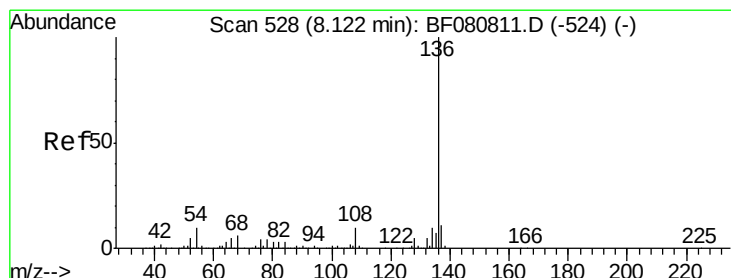
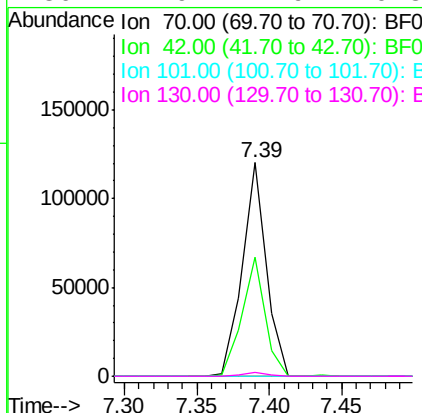




#19
n-Nitroso-di-n-propylamine
Concen: 14.89 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF080822.D
Acq: 4 Aug 2015 2:09

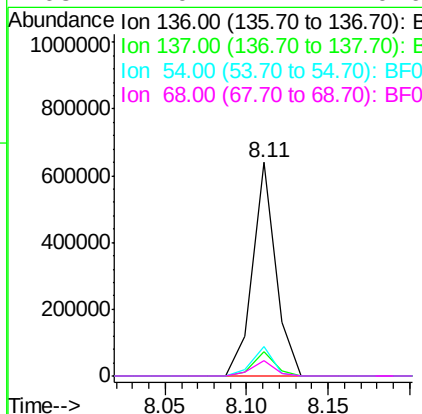
Instrument :
BNA_F
ClientSampleId :
PB84720BL

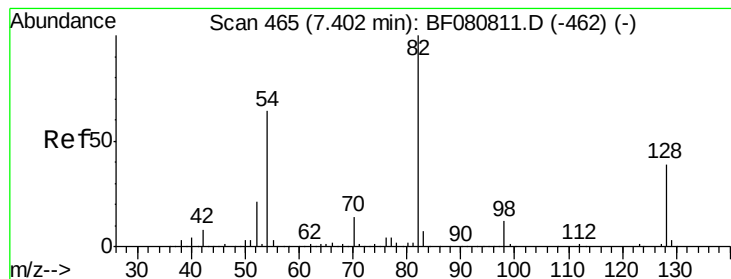
Tot Ion:	70	Resp:	138457
Ion	Ratio	Lower	Upper
70	100		
42	55.5	59.1	88.7#
101	0.0	6.6	10.0#
130	1.9	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080822.D
Acq: 4 Aug 2015 2:09

Tgt Ion:	136	Resp:	632912
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	13.8	7.9	11.9#
68	7.0	4.4	6.6#





#23

Nitrobenzene-d5

Concen: 81.30 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.01 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB84720BL

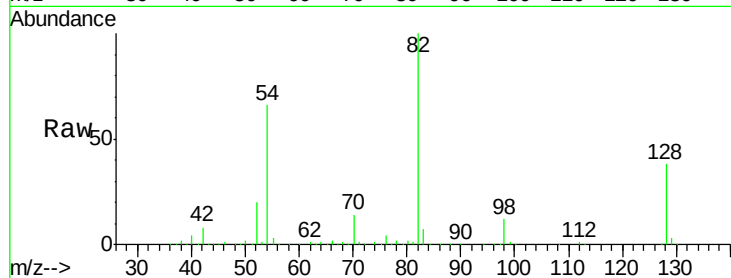
Tot Ion: 82 Resp: 1042654

Ion Ratio Lower Upper

82 100

128 37.6 31.4 47.0

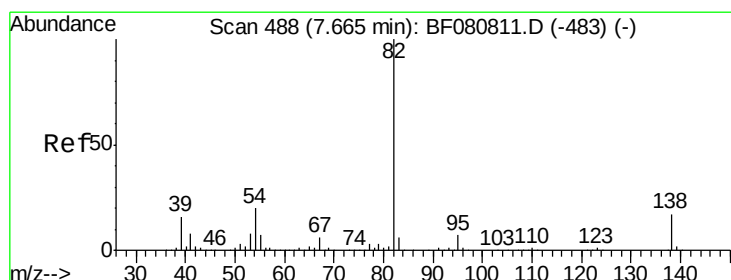
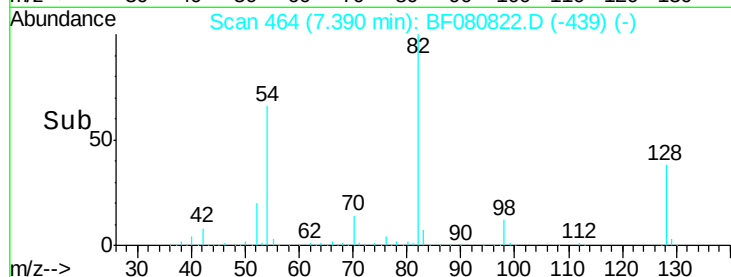
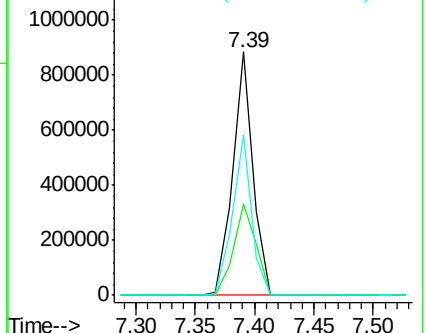
54 65.8 51.0 76.4



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.59 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.27 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

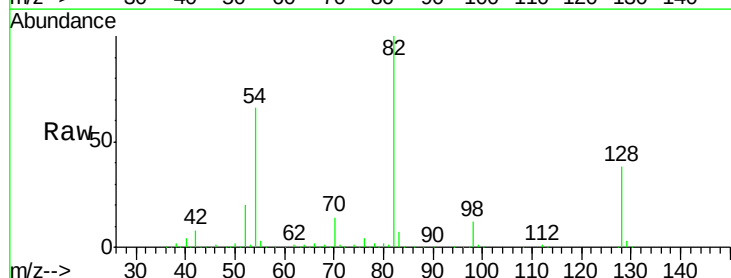
Tgt Ion: 82 Resp: 816304

Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

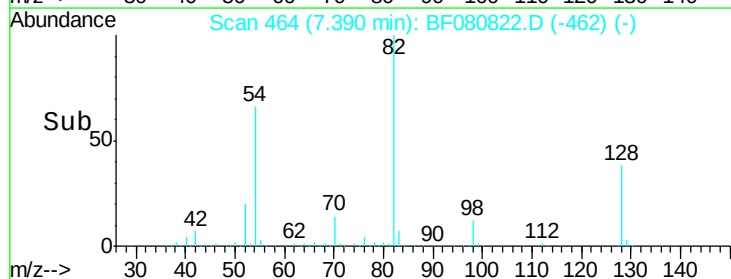
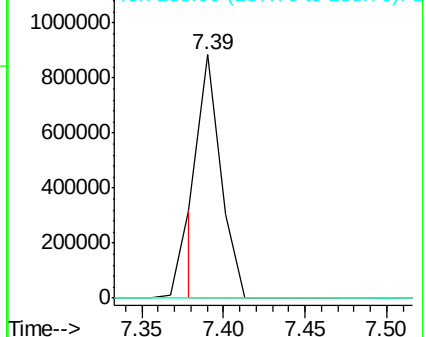
138 0.0 13.4 20.2#

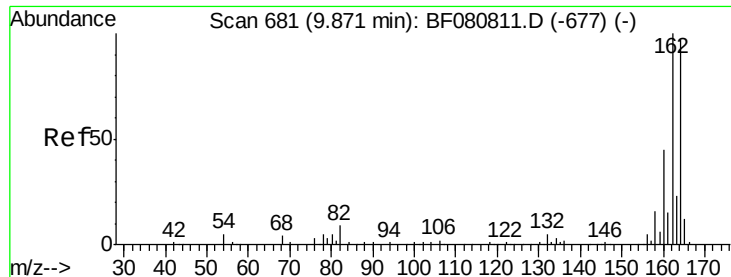


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

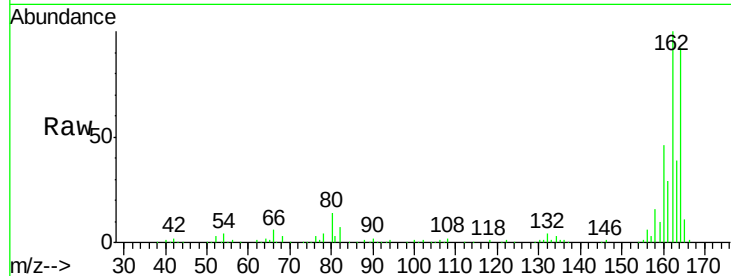




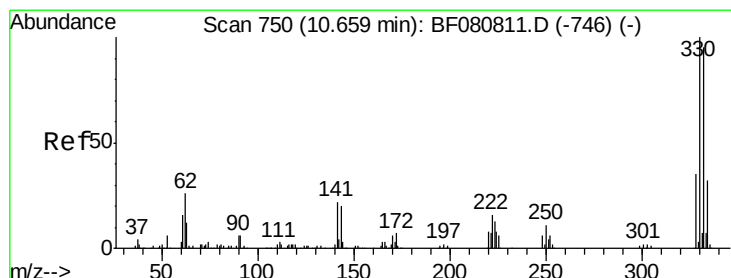
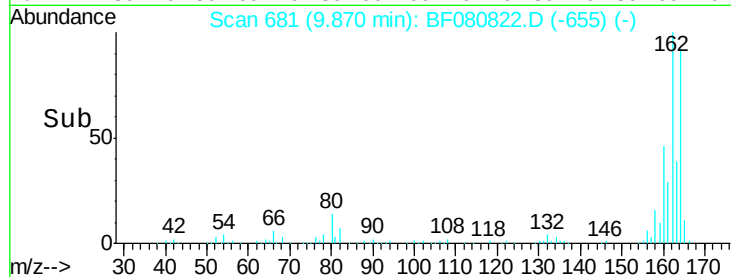
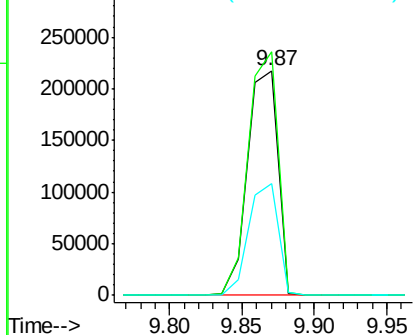
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF080822.D
Acq: 4 Aug 2015 2:09

Instrument :
BNA_F
ClientSampleId :
PB84720BL

Tot Ion:164 Resp: 316704
Ion Ratio Lower Upper
164 100
162 108.4 82.3 123.5
160 49.9 37.3 55.9

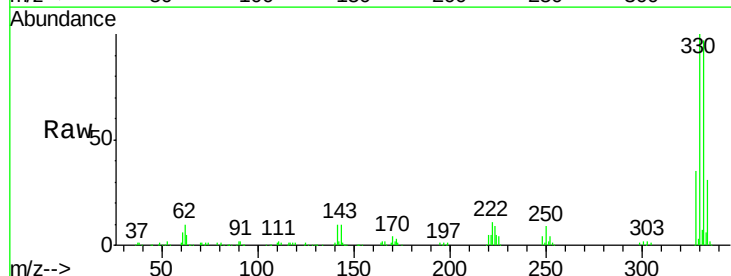


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

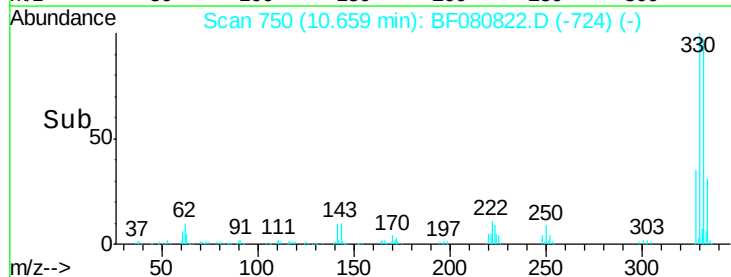
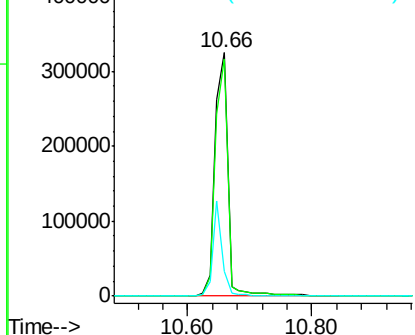


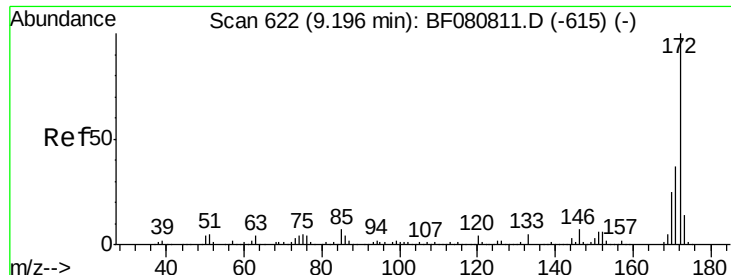
#41
2,4,6-Tribromophenol
Concen: 151.98 ng
RT: 10.66 min Scan# 750
Delta R.T. -0.00 min
Lab File: BF080822.D
Acq: 4 Aug 2015 2:09

Tgt Ion:330 Resp: 461225
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 29.7 25.4 38.0



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



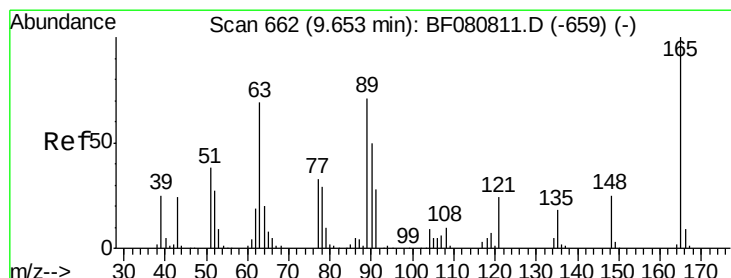
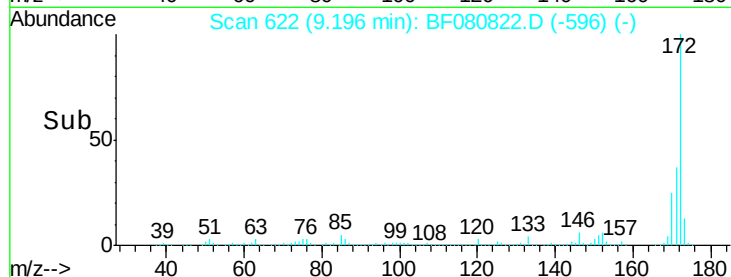
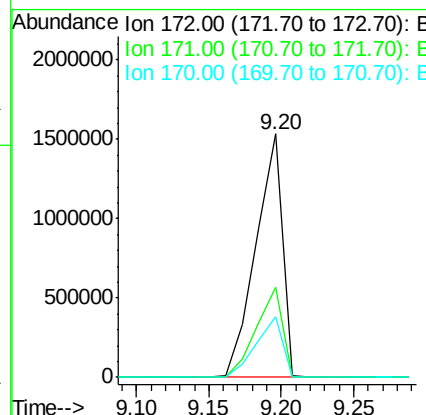
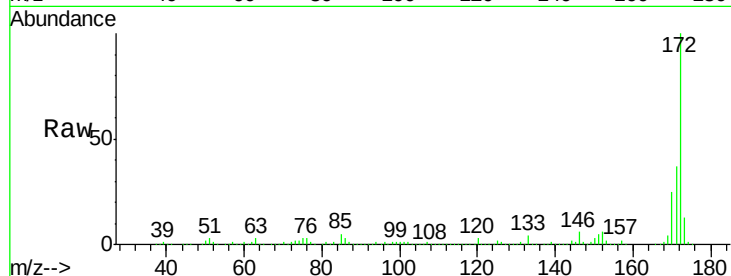


#44
 2-Fluorobiphenyl
 Concen: 93.48 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Tot Ion:172 Resp: 1958683

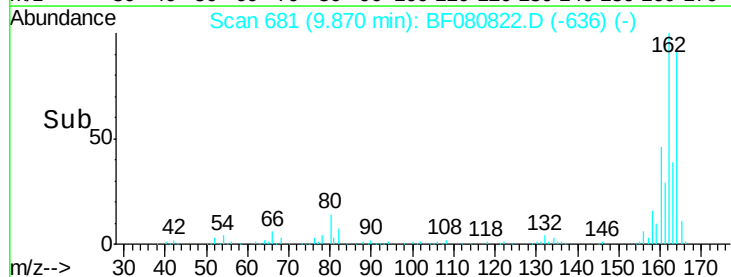
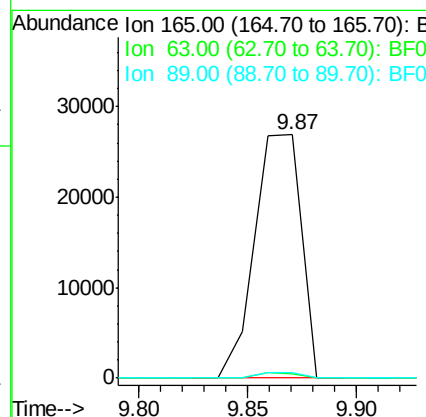
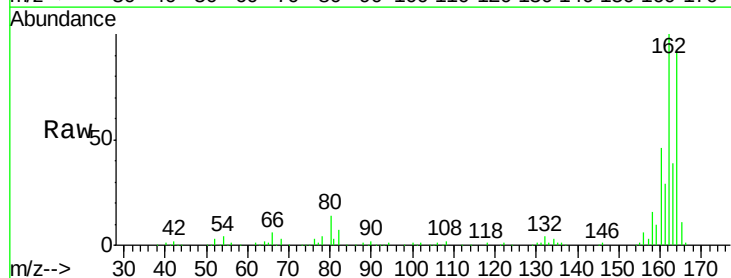
Ion	Ratio	Lower	Upper
172	100		
171	36.7	30.0	45.0
170	24.6	20.2	30.4

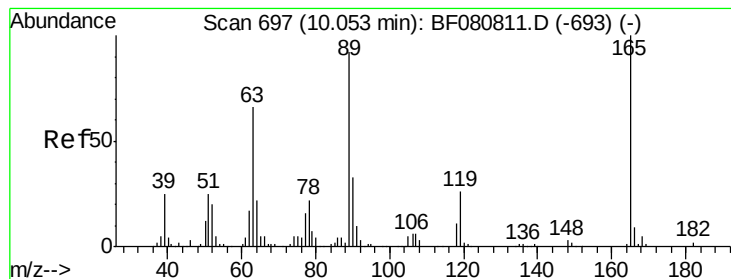


#50
 2,6-Dinitrotoluene
 Concen: 8.85 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.22 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

Tgt Ion:165 Resp: 40339

Ion	Ratio	Lower	Upper
165	100		
63	1.9	68.2	102.4#
89	2.1	56.9	85.3#





#56

2,4-Dinitrotoluene

Concen: 7.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.18 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

Instrument :

BNA_F

ClientSampleId :

PB84720BL

Tot Ion:165 Resp: 40339

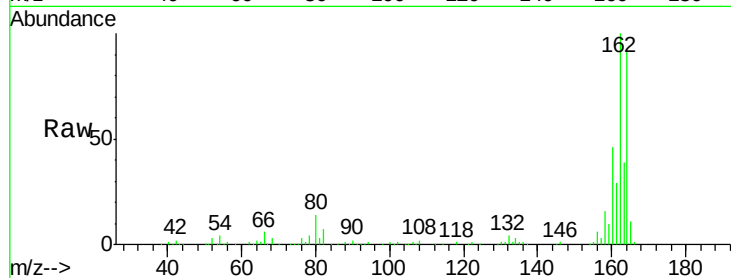
Ion Ratio Lower Upper

165 100

63 1.9 53.3 79.9#

89 2.1 73.5 110.3#

182 0.0 1.7 2.5#

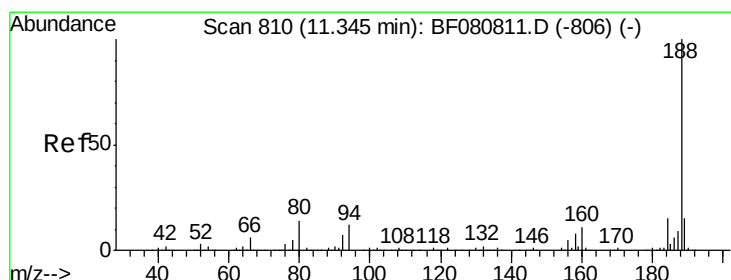
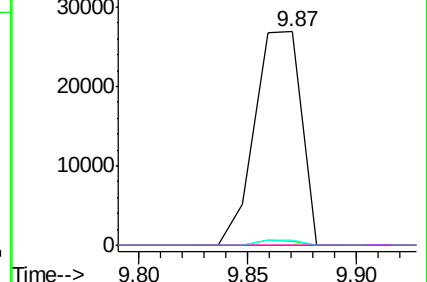
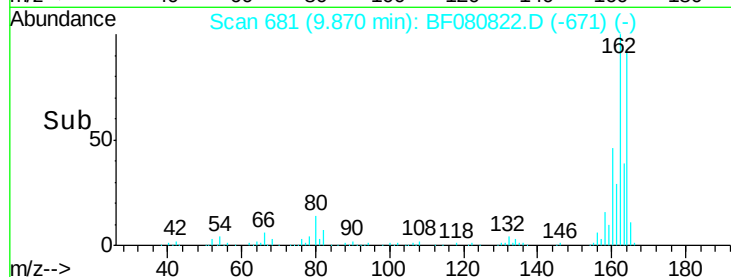


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.34 min Scan# 810

Delta R.T. -0.00 min

Lab File: BF080822.D

Acq: 4 Aug 2015 2:09

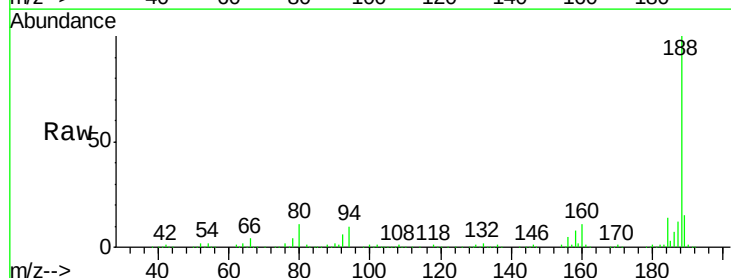
Tgt Ion:188 Resp: 619256

Ion Ratio Lower Upper

188 100

94 10.3 9.7 14.5

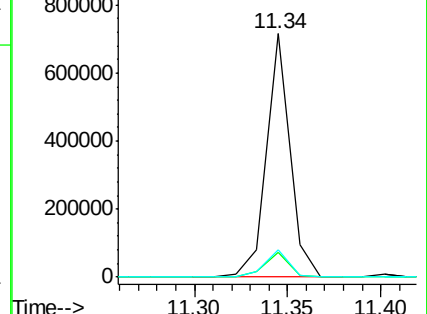
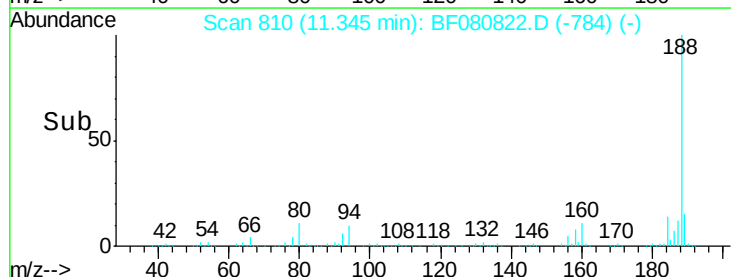
80 11.5 11.2 16.8

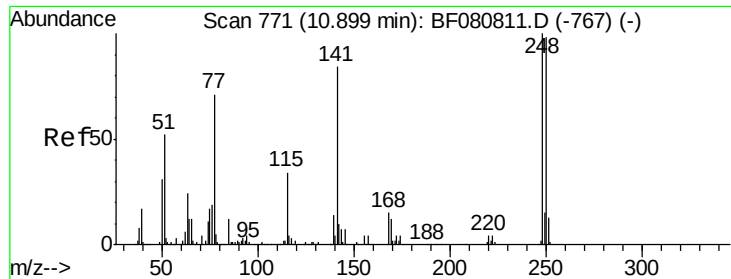


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

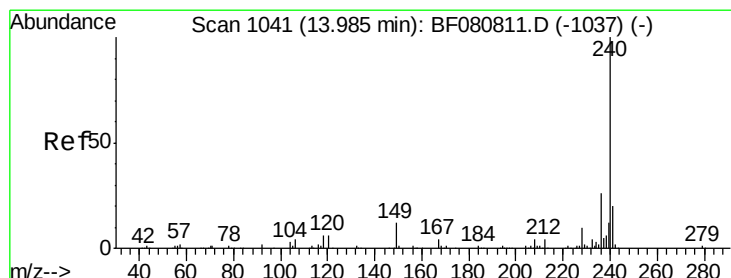
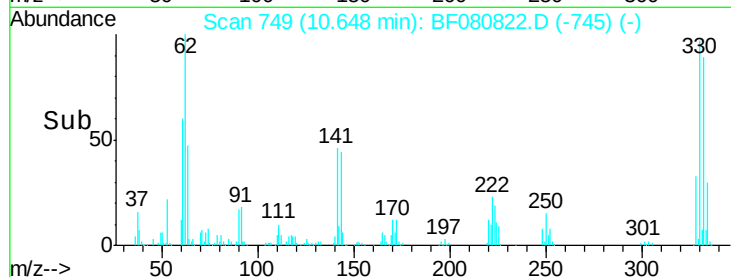
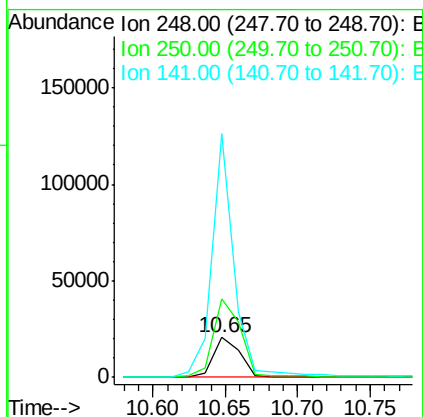
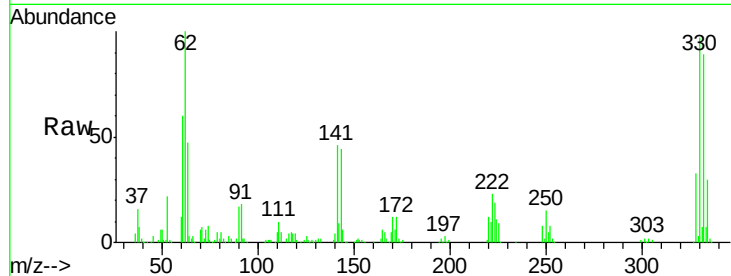




#66
 4-Bromophenyl-phenylether
 Concen: 3.92 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.25 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

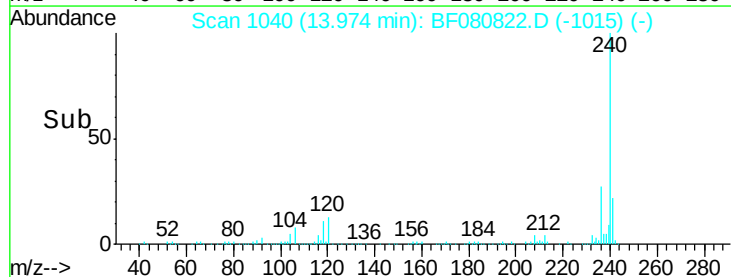
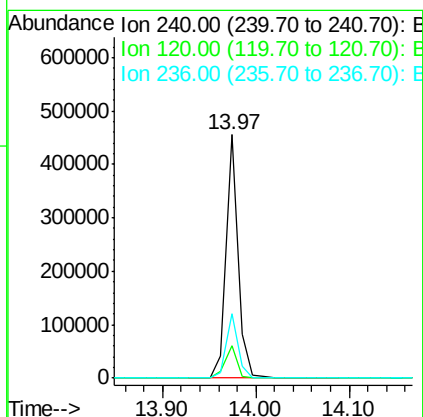
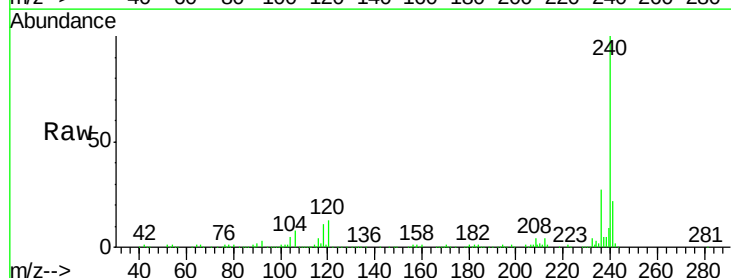
Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

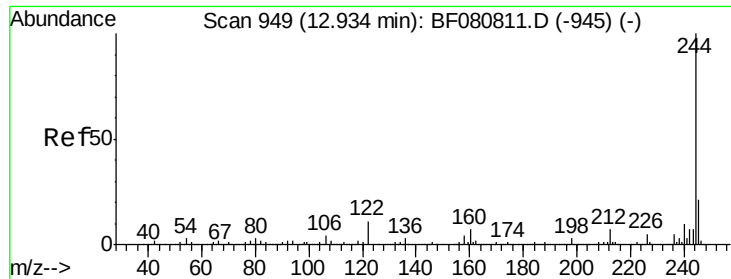
Tot Ion:248 Resp: 26640
 Ion Ratio Lower Upper
 248 100
 250 197.8 78.4 117.6#
 141 613.7 67.3 100.9#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

Tgt Ion:240 Resp: 405971
 Ion Ratio Lower Upper
 240 100
 120 13.1 5.0 7.4#
 236 26.6 20.8 31.2



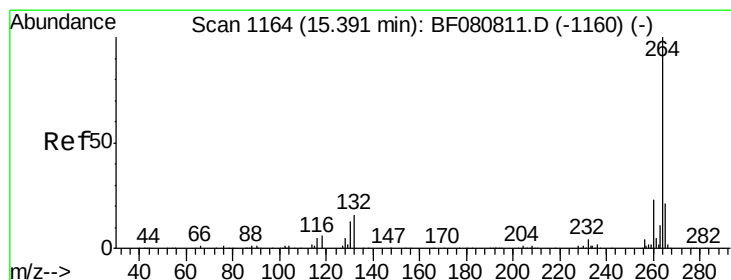
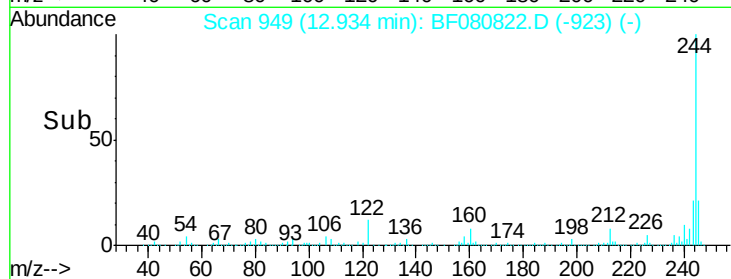
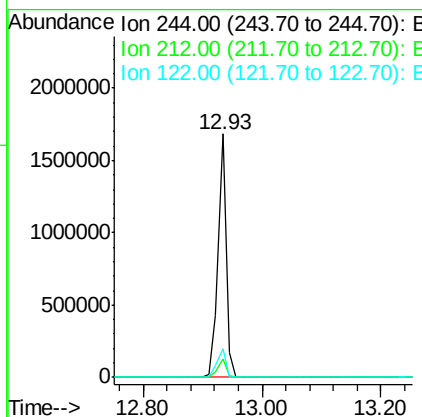
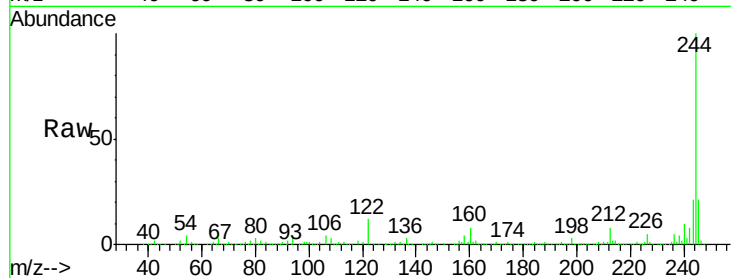


#78
 Terphenyl-d14
 Concen: 78.15 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84720BL

Tot Ion:244 Resp: 1591997

Ion	Ratio	Lower	Upper
244	100		
212	7.8	5.8	8.8
122	11.7	9.1	13.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BF080822.D
 Acq: 4 Aug 2015 2:09

Tgt Ion:264 Resp: 310246

Ion	Ratio	Lower	Upper
264	100		
260	21.9	18.3	27.5
265	21.6	17.0	25.6

