

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
 Data File : BF080830.D
 Acq On : 4 Aug 2015 8:12
 Operator : TP
 Sample : G3172-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

Quant Time: Aug 04 08:44:55 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

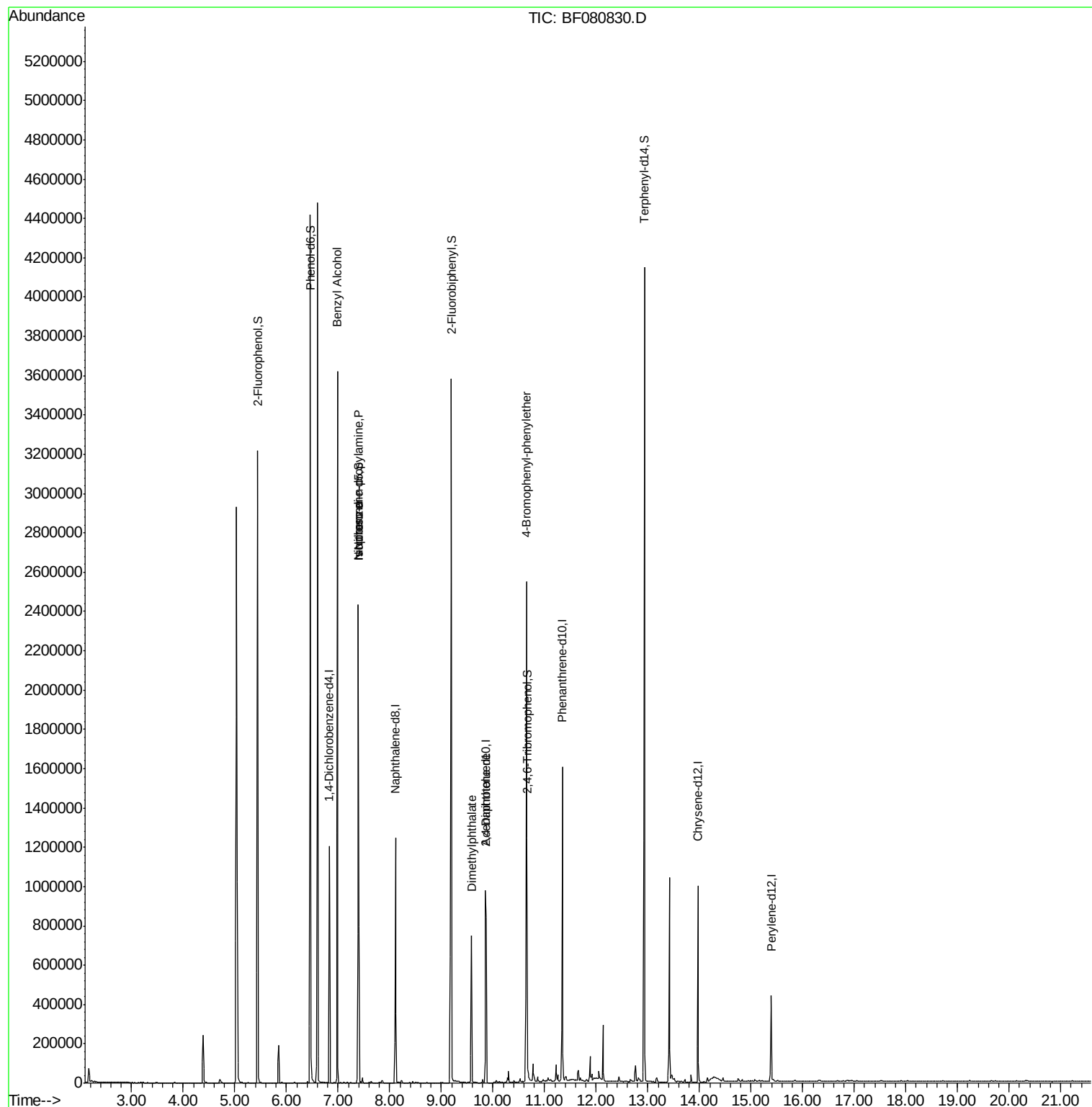
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	156854	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	561602	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	276117	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	539908	20.00	ng	0.00
75) Chrysene-d12	13.97	240	323005	20.00	ng	-0.01
86) Perylene-d12	15.39	264	245174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1175347	124.93	ng	0.01
7) Phenol-d6	6.46	99	1530329	120.92	ng	0.00
23) Nitrobenzene-d5	7.39	82	901885	79.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.66	330	396420	149.82	ng	0.00
44) 2-Fluorobiphenyl	9.20	172	1590861	87.09	ng	0.00
78) Terphenyl-d14	12.93	244	1269205	78.31	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	2058	Below Cal	#	2
15) Benzyl Alcohol	6.99	79	17464	2.03 ng	#	49
19) n-Nitroso-di-n-propylamine	7.39	70	123402	15.07 ng	#	76
25) Isophorone	7.39	82	728051	35.77 ng	#	66
49) Dimethylphthalate	9.58	163	278103	15.08 ng		99
56) 2,4-Dinitrotoluene	9.86	165	34573	6.88 ng	#	12
66) 4-Bromophenyl-phenylether	10.65	248	23141	3.90 ng	#	1

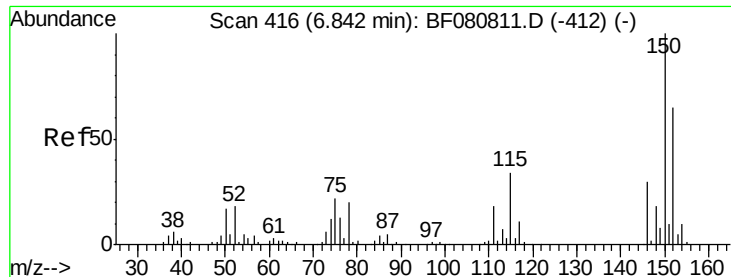
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080315\
Data File : BF080830.D
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Sample : G3172-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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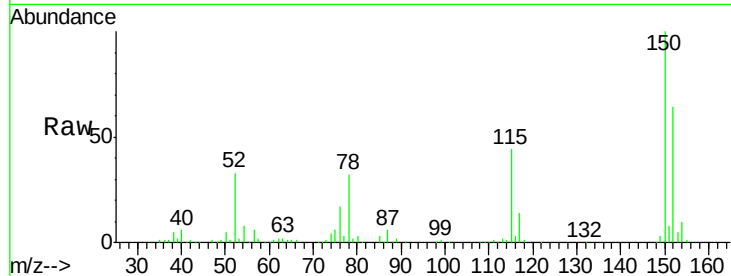


#1

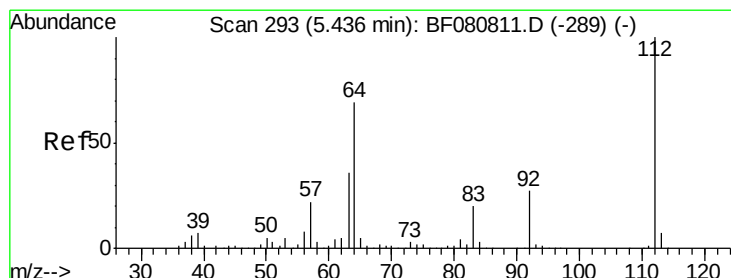
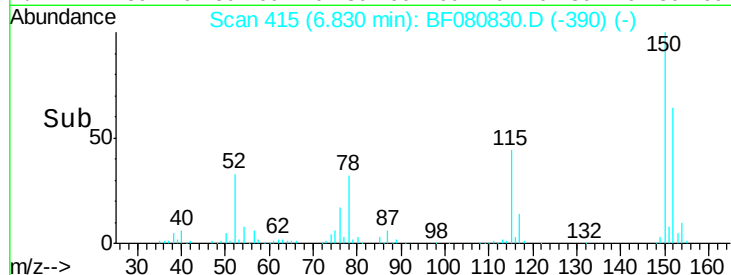
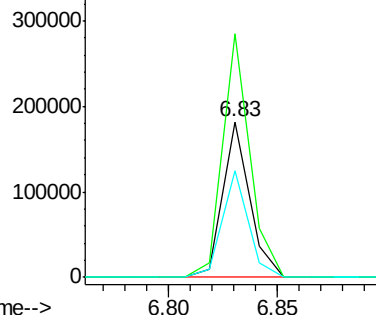
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.83 min Scan# 415
Delta R.T. -0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
BOTTOM-SOUTH-073115

Tot Ion:152 Resp: 156854
Ion Ratio Lower Upper
152 100
150 156.3 122.9 184.3
115 68.6 42.0 63.0#



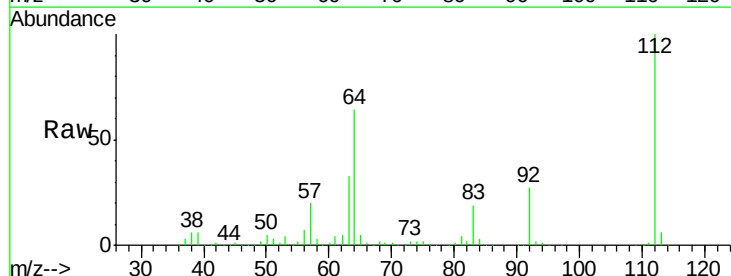
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



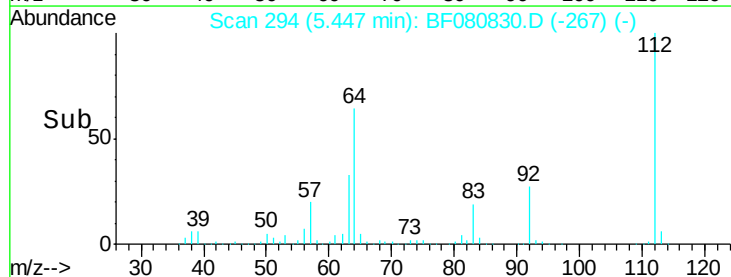
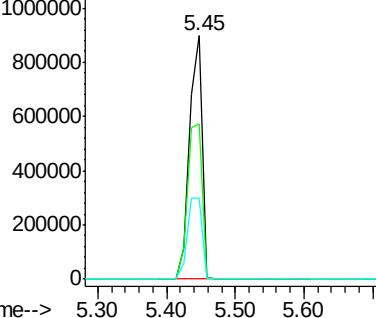
#5

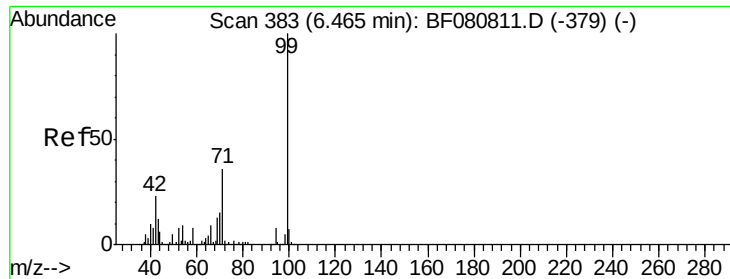
2-Fluorophenol
Concen: 124.93 ng
RT: 5.45 min Scan# 294
Delta R.T. 0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Tgt Ion:112 Resp: 1175347
Ion Ratio Lower Upper
112 100
64 63.6 55.0 82.4
63 33.1 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: 120.92 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

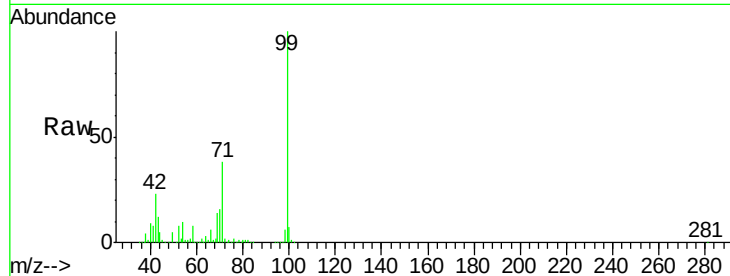
Tot Ion: 99 Resp: 1530329

Ion Ratio Lower Upper

99 100

42 22.7 18.4 27.6

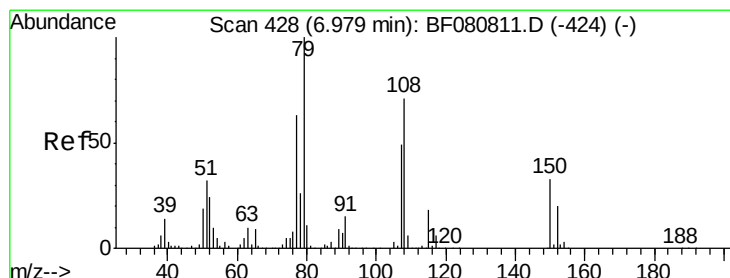
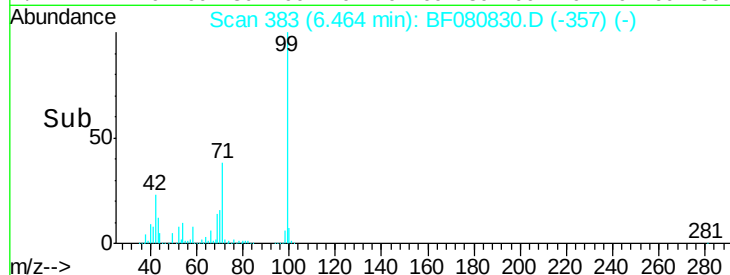
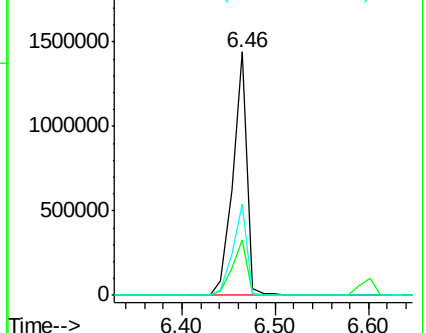
71 37.6 28.7 43.1



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: 2.03 ng

RT: 6.99 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

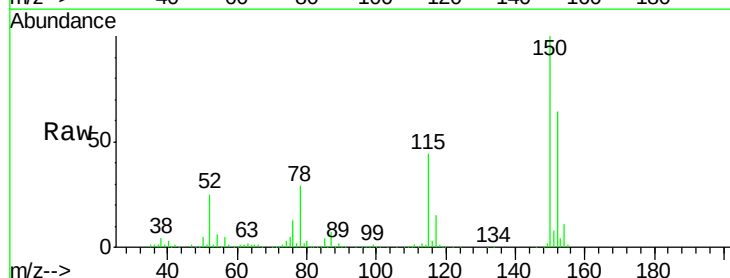
Tgt Ion: 79 Resp: 17464

Ion Ratio Lower Upper

79 100

108 25.7 56.9 85.3#

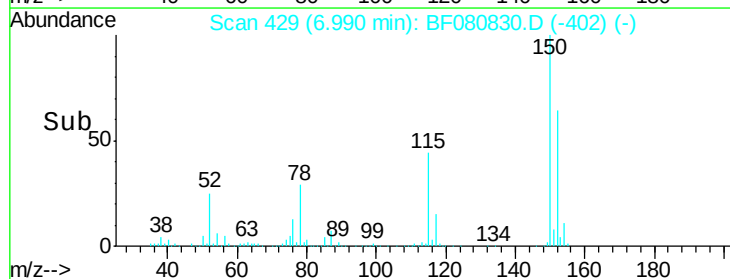
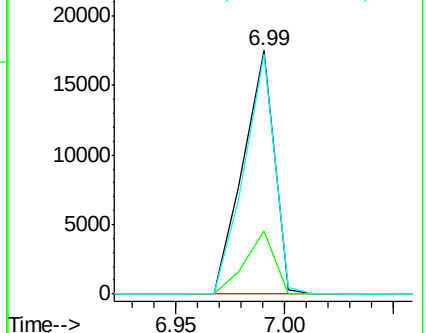
77 98.7 50.4 75.6#

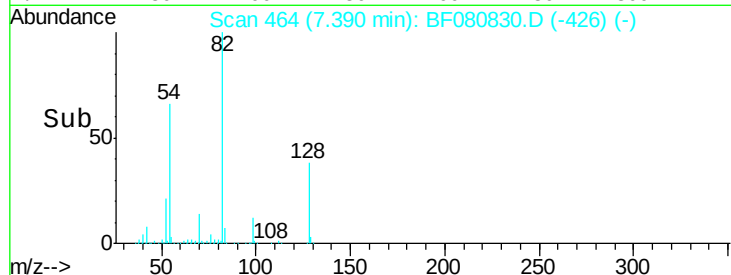
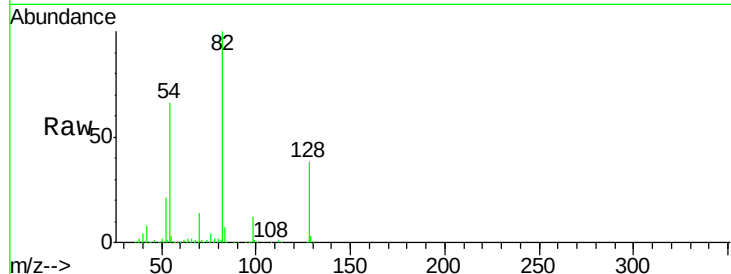
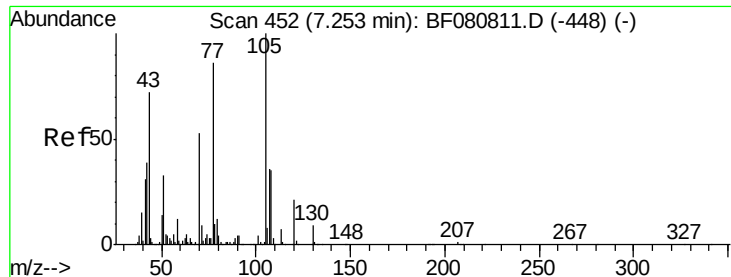


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

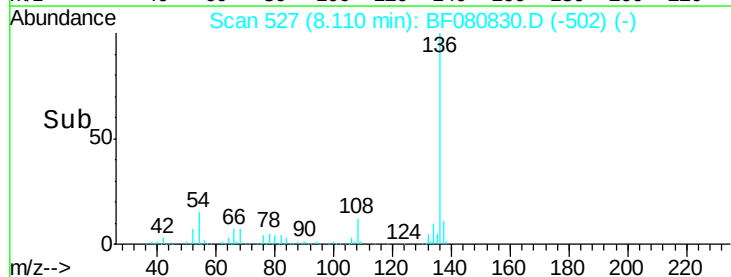
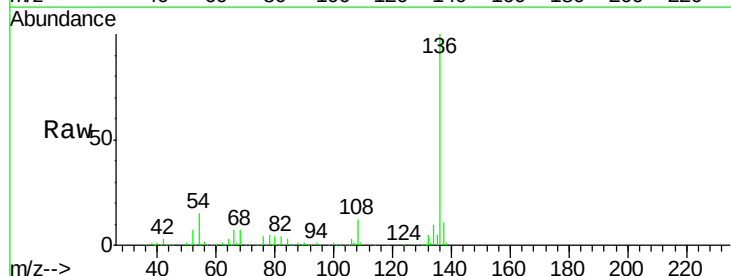
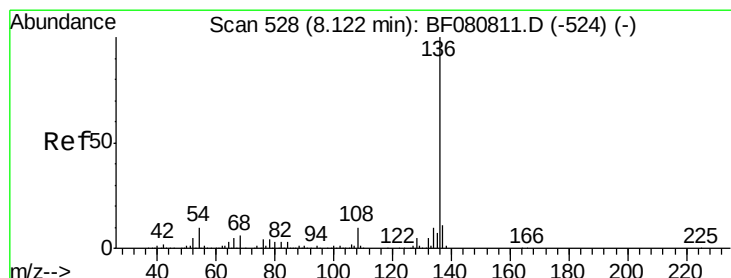
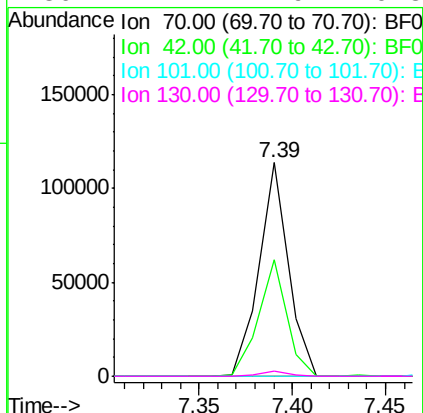




#19
n-Nitroso-di-n-propylamine
Concen: 15.07 ng
RT: 7.39 min Scan# 464
Delta R.T. 0.14 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

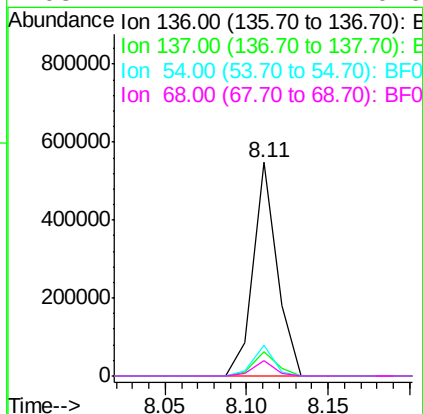
Instrument :
BNA_F
ClientSampleId :
BOTTOM-SOUTH-073115

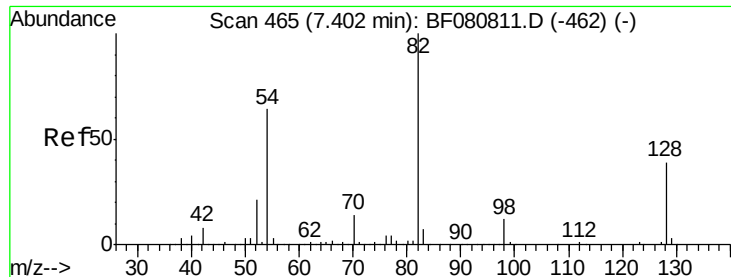
Tot Ion:	70	Resp:	123402
Ion	Ratio	Lower	Upper
70	100		
42	54.7	59.1	88.7#
101	0.0	6.6	10.0#
130	2.2	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Tgt Ion:	136	Resp:	561602
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	14.5	7.9	11.9#
68	7.1	4.4	6.6#

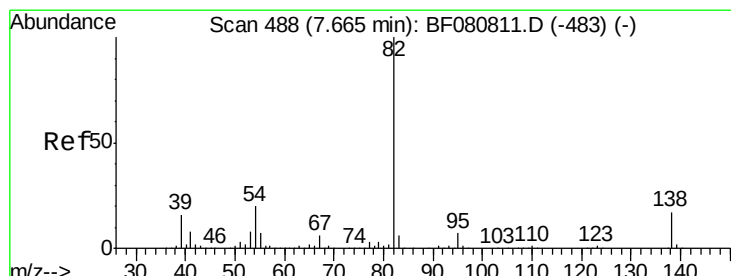
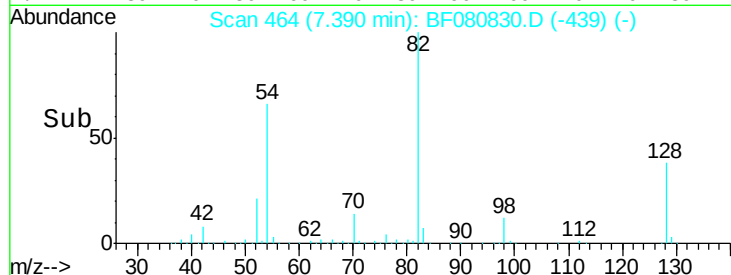
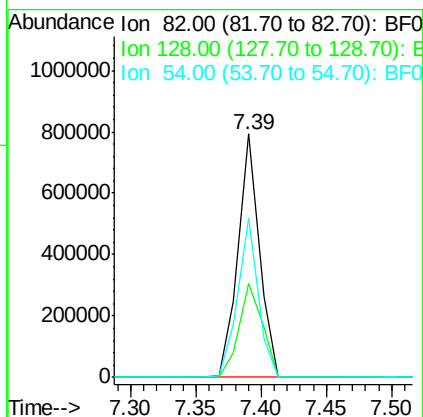
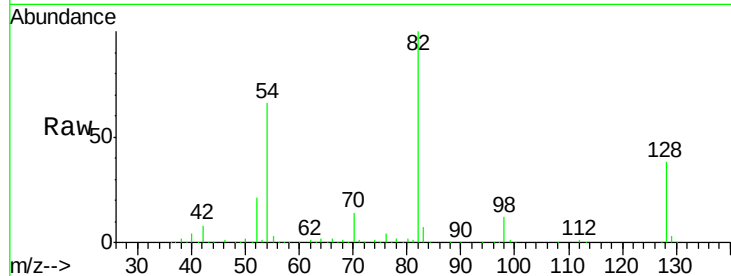




#23
 Nitrobenzene-d5
 Concen: 79.25 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.01 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

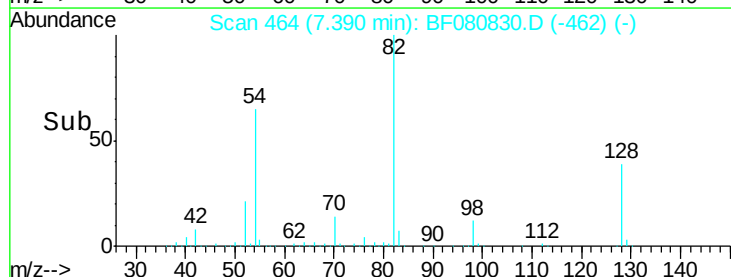
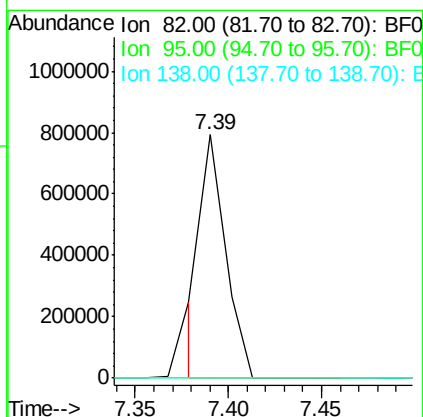
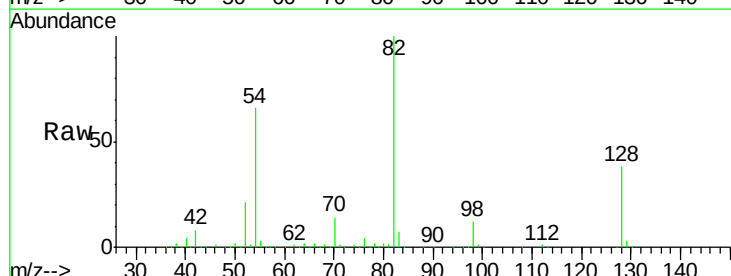
Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

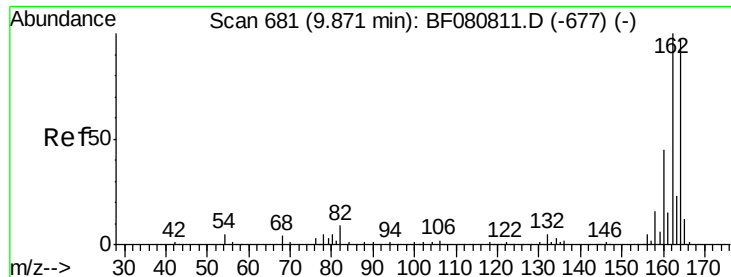
Tot Ion	82	Resp	901885
Ion Ratio	Lower	Upper	
82	100		
128	38.4	31.4	47.0
54	65.6	51.0	76.4



#25
 Isophorone
 Concen: 35.77 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.27 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Tgt Ion	82	Resp	728051
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.9	8.9#
138	0.0	13.4	20.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

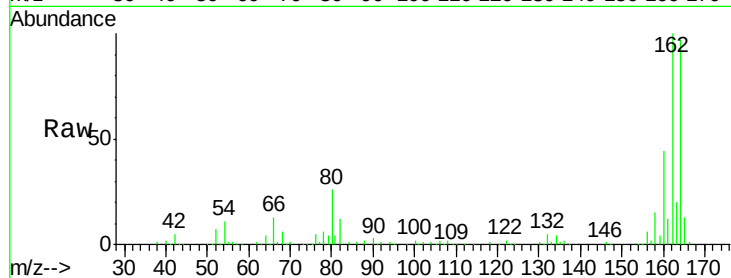
Tot Ion:164 Resp: 276117

Ion Ratio Lower Upper

164 100

162 103.6 82.3 123.5

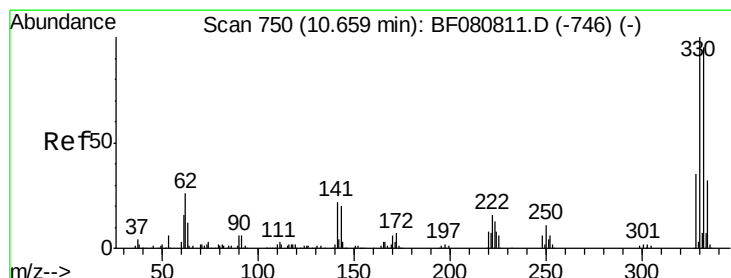
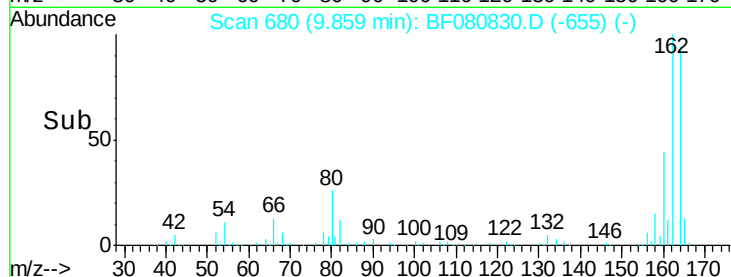
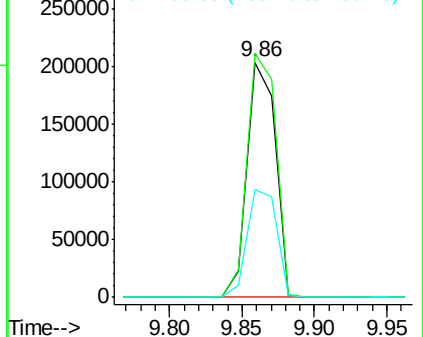
160 46.0 37.3 55.9



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: 149.82 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

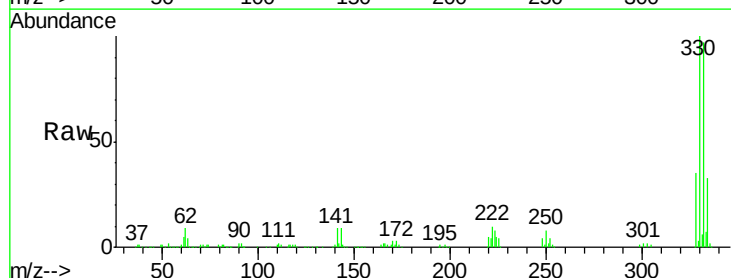
Tgt Ion:330 Resp: 396420

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

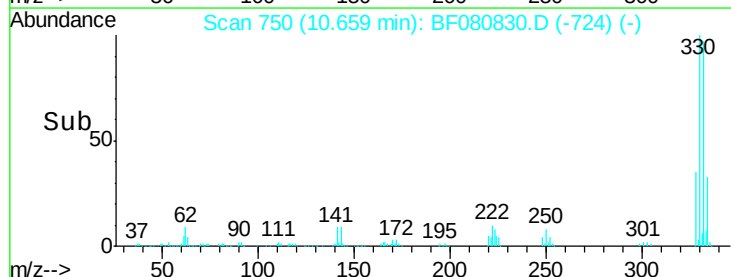
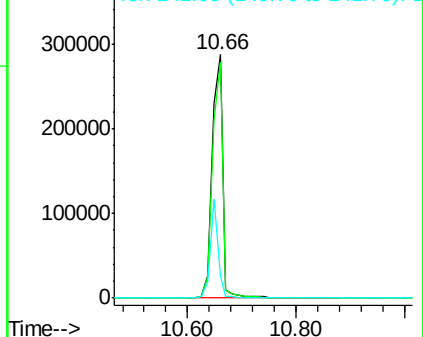
141 29.9 25.4 38.0

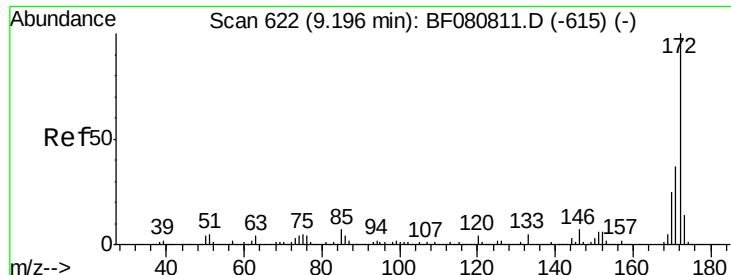


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

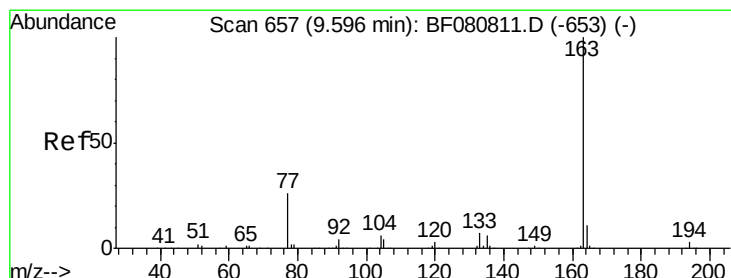
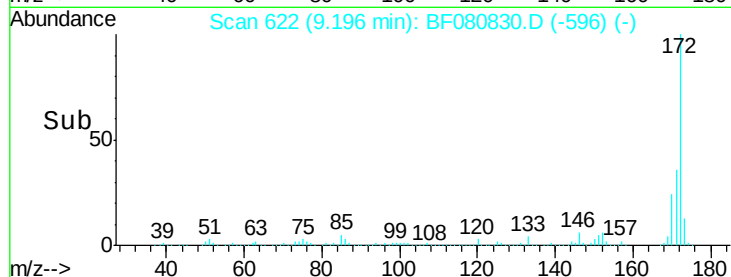
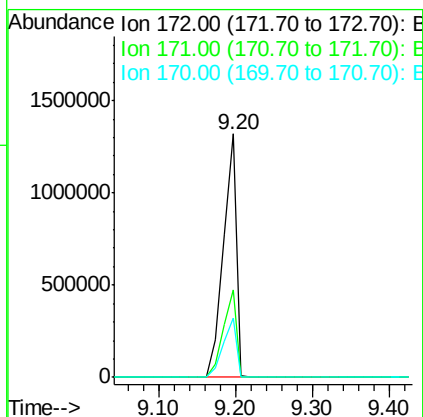
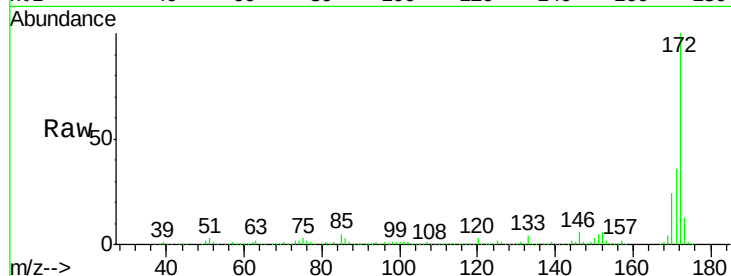




#44
2-Fluorobiphenyl
Concen: 87.09 ng
RT: 9.20 min Scan# 622
Delta R.T. -0.00 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

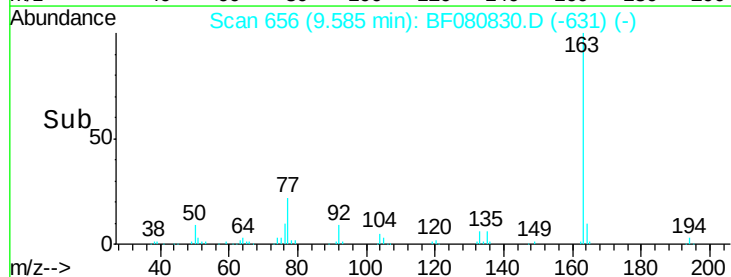
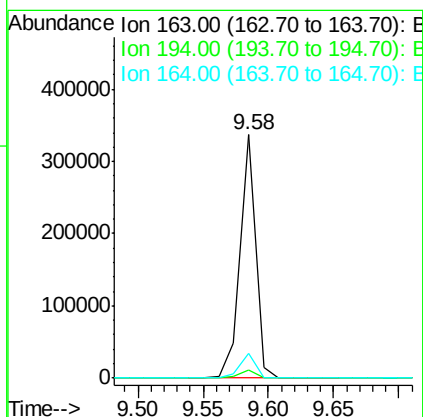
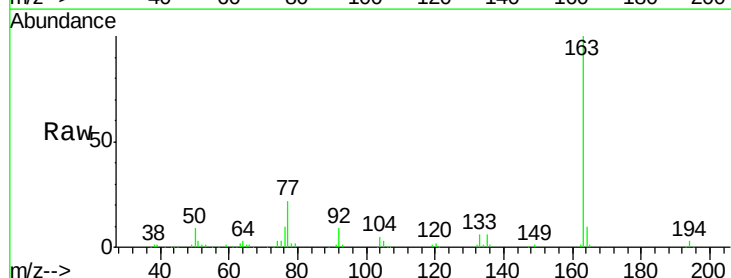
Instrument :
BNA_F
ClientSampleId :
BOTTOM-SOUTH-073115

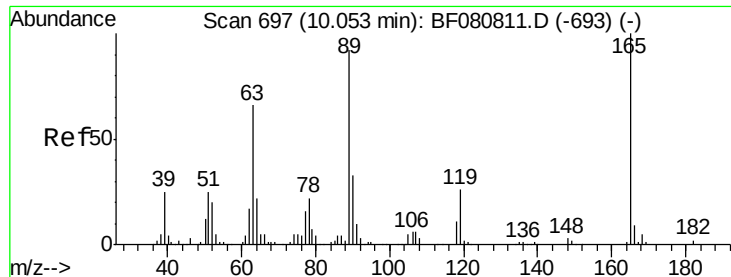
Tot Ion:172 Resp: 1590861
Ion Ratio Lower Upper
172 100
171 36.1 30.0 45.0
170 24.4 20.2 30.4



#49
Dimethylphthalate
Concen: 15.08 ng
RT: 9.58 min Scan# 656
Delta R.T. -0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Tgt Ion:163 Resp: 278103
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.3 8.5 12.7





#56

2,4-Dinitrotoluene

Concen: 6.88 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.19 min

Lab File: BF080830.D

Acq: 4 Aug 2015 8:12

Instrument :

BNA_F

ClientSampleId :

BOTTOM-SOUTH-073115

Tot Ion:165 Resp: 34573

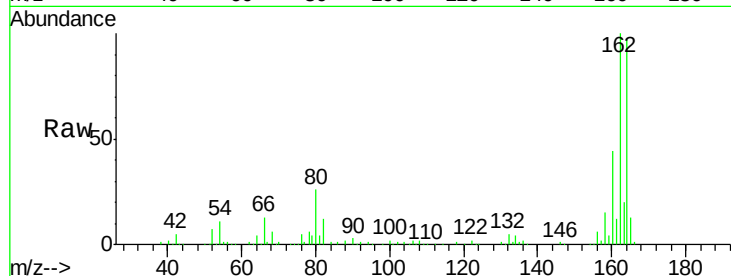
Ion Ratio Lower Upper

165 100

63 2.7 53.3 79.9#

89 0.0 73.5 110.3#

182 0.0 1.7 2.5#

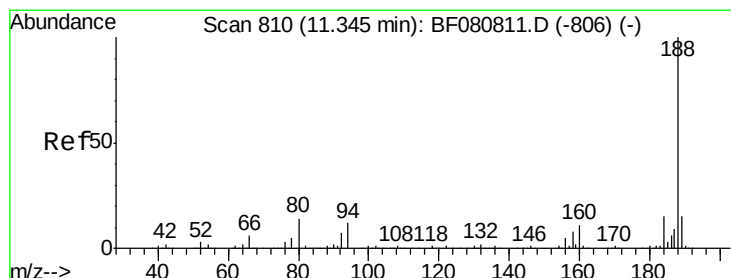
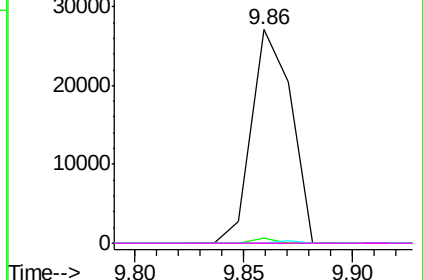
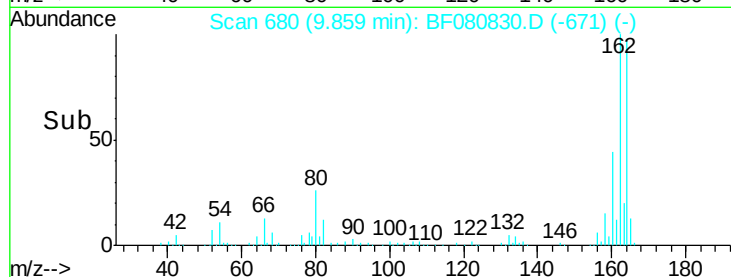


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF080830.D

Acq: 4 Aug 2015 8:12

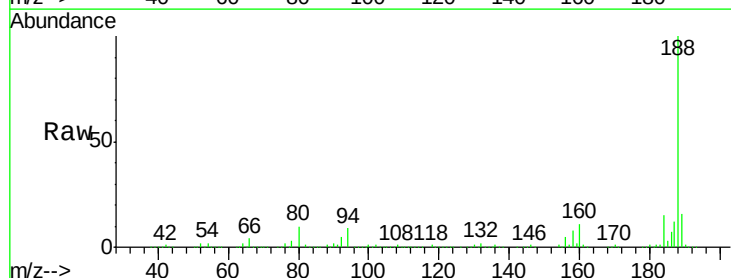
Tgt Ion:188 Resp: 539908

Ion Ratio Lower Upper

188 100

94 9.4 9.7 14.5#

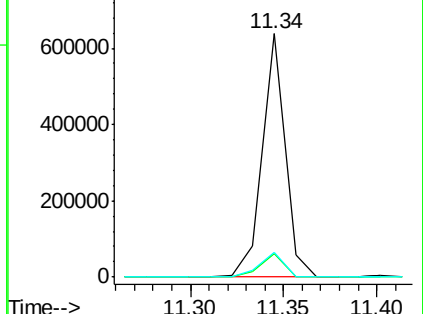
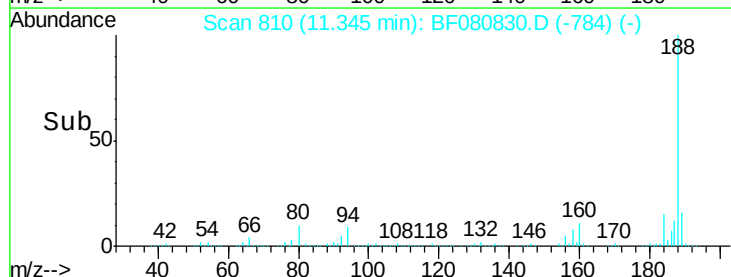
80 10.3 11.2 16.8#

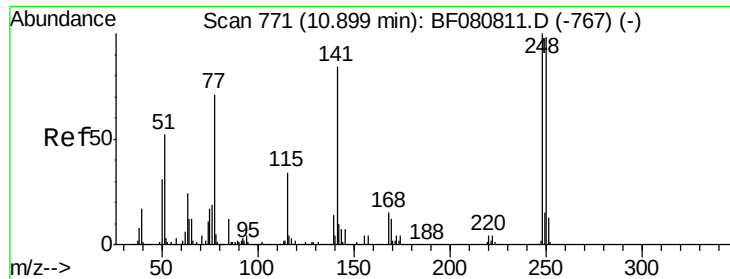


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

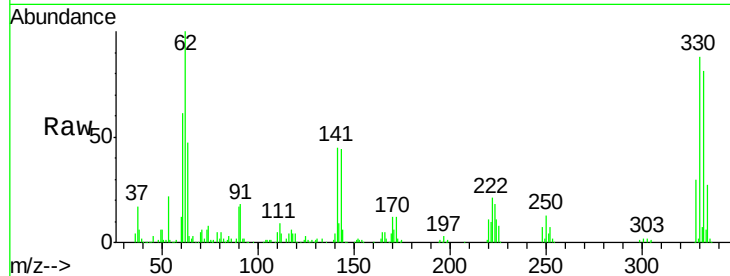




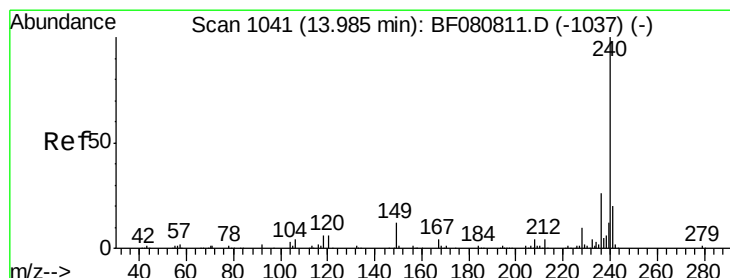
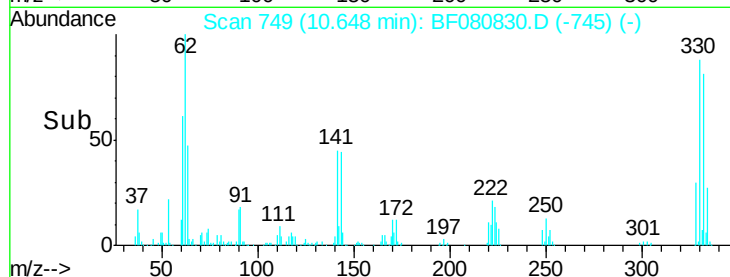
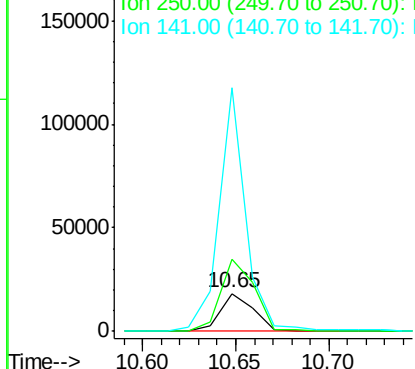
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Instrument :
BNA_F
ClientSampleId :
BOTTOM-SOUTH-073115

Tot Ion:248 Resp: 23141
Ion Ratio Lower Upper
248 100
250 188.9 78.4 117.6#
141 639.4 67.3 100.9#

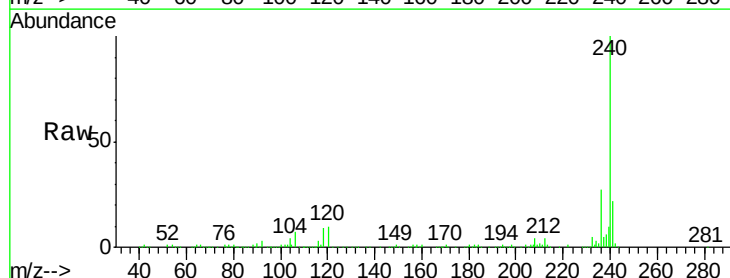


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

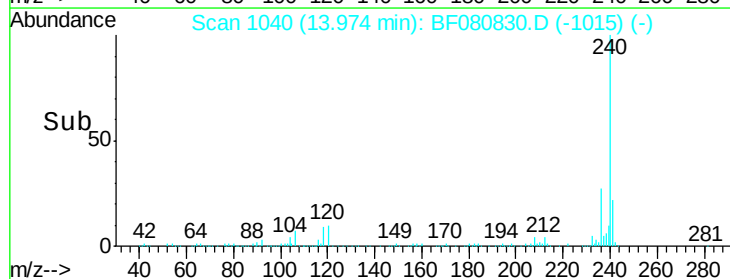
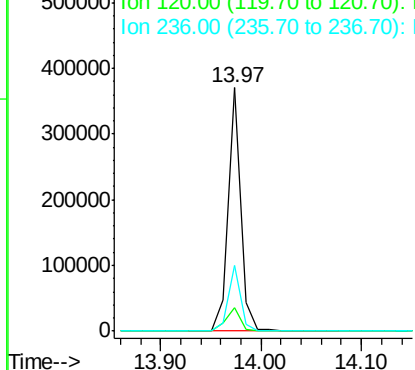


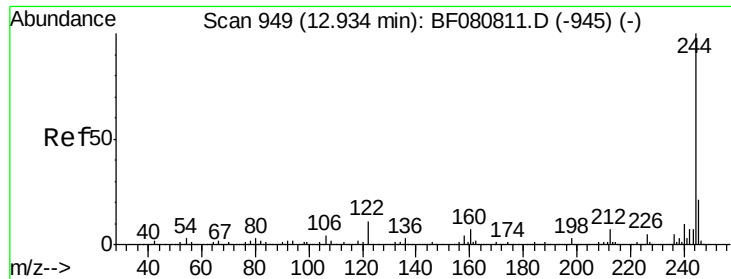
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BF080830.D
Acq: 4 Aug 2015 8:12

Tgt Ion:240 Resp: 323005
Ion Ratio Lower Upper
240 100
120 9.8 5.0 7.4#
236 27.2 20.8 31.2



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



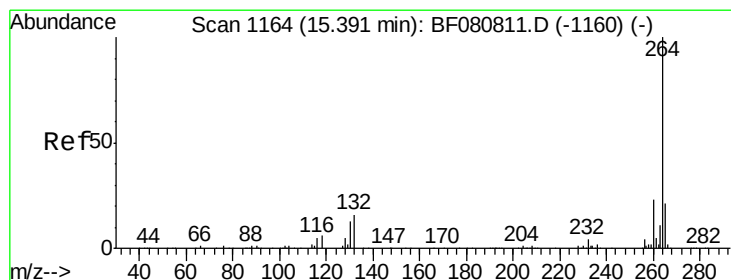
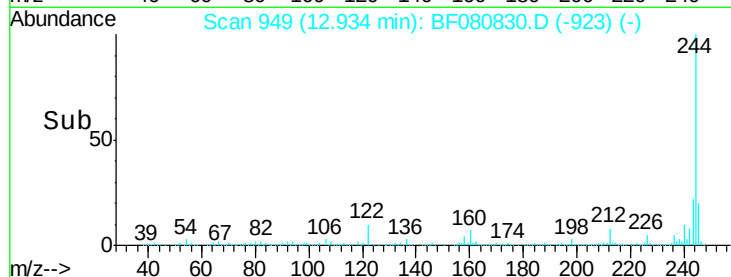
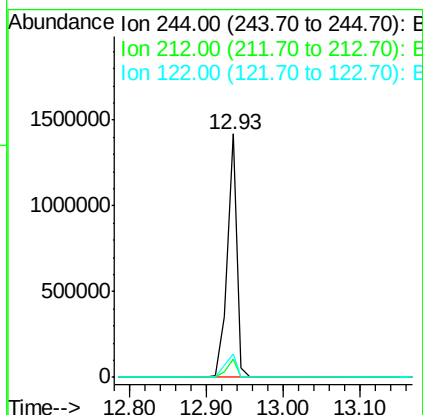
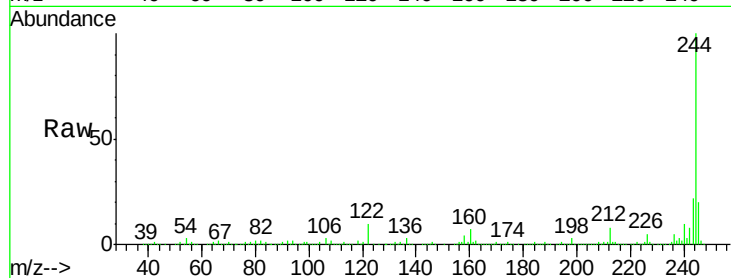


#78
 Terphenyl-d14
 Concen: 78.31 ng
 RT: 12.93 min Scan# 949
 Delta R.T. -0.00 min
 Lab File: BF080830.D
 Acq: 4 Aug 2015 8:12

Instrument :
 BNA_F
 ClientSampleId :
 BOTTOM-SOUTH-073115

Tot Ion:244 Resp: 1269205

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	9.7	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: BF080830.D
 Acq: 4 Aug 2015 8:12

Tgt Ion:264 Resp: 245174

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.3	27.5
265	20.9	17.0	25.6

