

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081111.D
 Acq On : 20 Aug 2015 6:44
 Operator : UM/IZ
 Sample : G3318-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 08:04:52 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

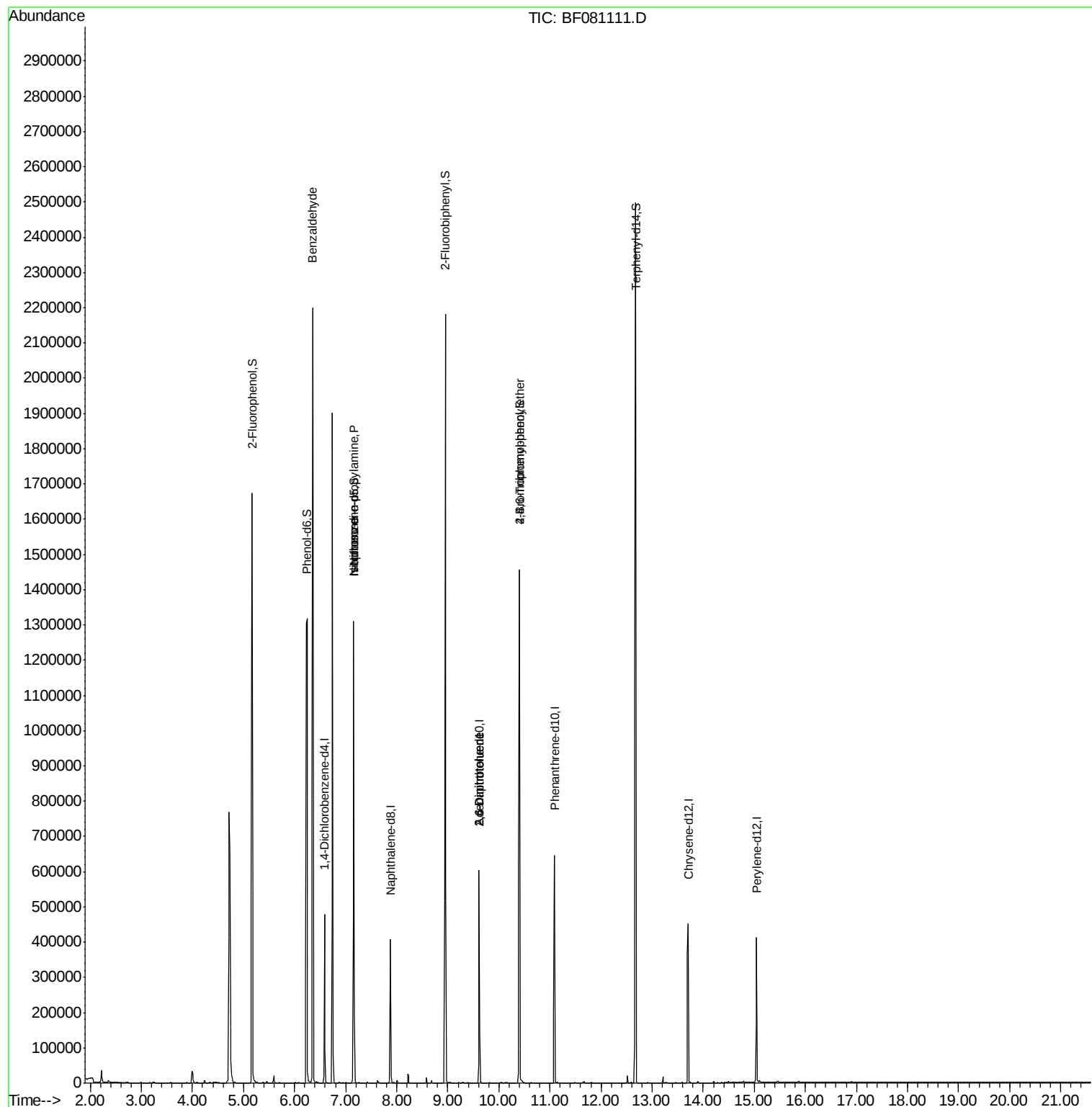
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	63572	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	243501	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	115011	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	241517	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	213788	20.00	ng	-0.04
86) Perylene-d12	15.04	264	167896	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	496877	117.56	ng	-0.02
7) Phenol-d6	6.24	99	705991	128.02	ng	-0.02
23) Nitrobenzene-d5	7.16	82	453367	85.05	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	135958	136.37	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	748787	85.31	ng	-0.04
78) Terphenyl-d14	12.68	244	803154	80.54	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.36	77	14266	4.01	ng	Qvalue 82
19) n-Nitroso-di-n-propylamine	7.16	70	59772	15.65	ng	# 71
25) Isophorone	7.16	82	345845	34.79	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14555	7.16	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	14555	5.40	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10422	4.39	ng	# 1

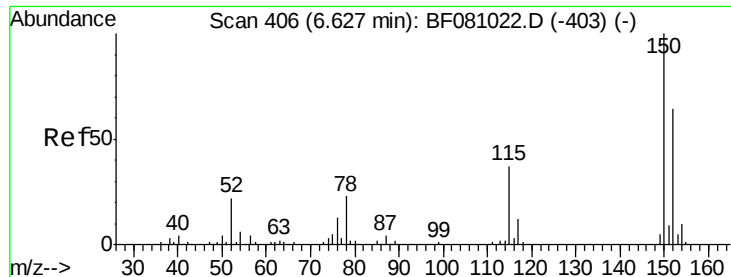
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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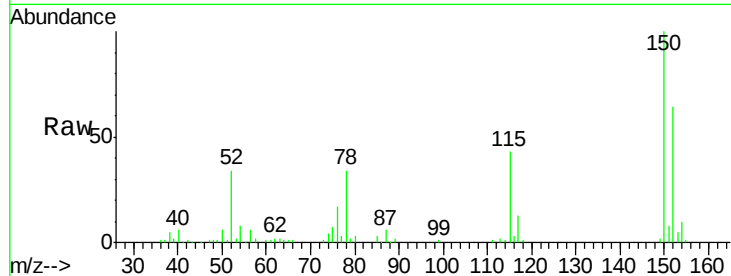


#1

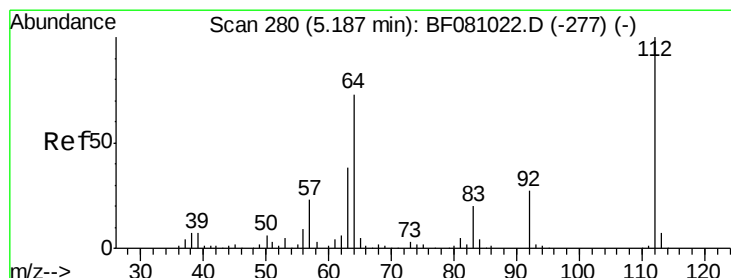
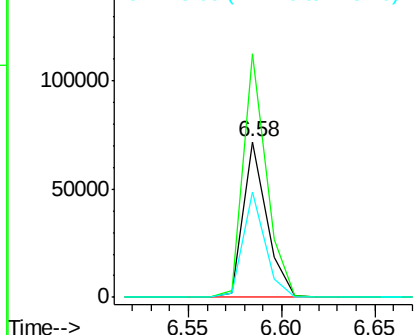
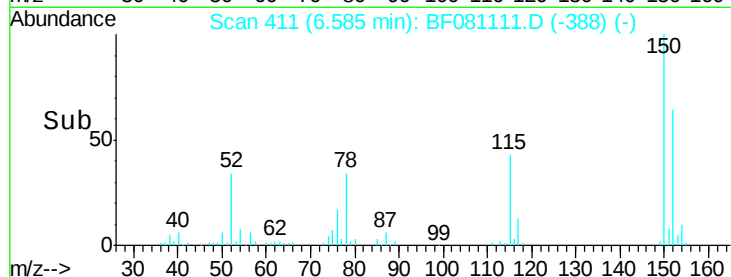
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 63572
Ion Ratio Lower Upper
152 100
150 156.7 123.8 185.6
115 68.0 52.1 78.1



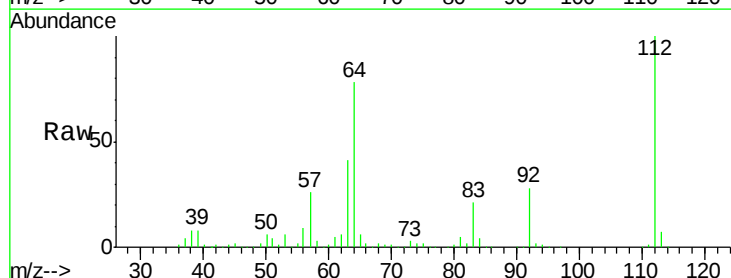
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



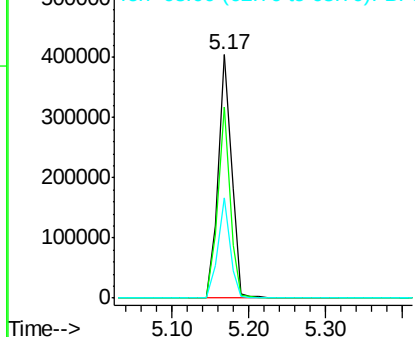
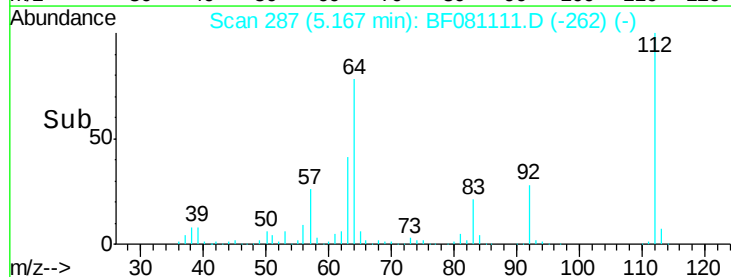
#5

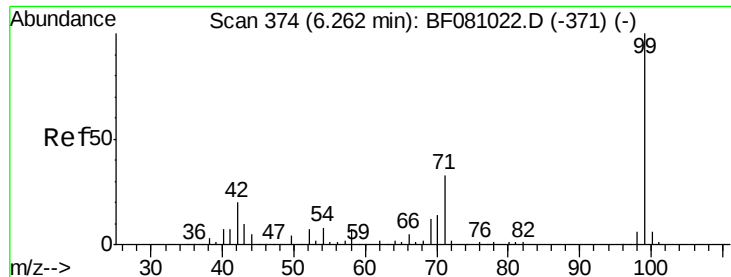
2-Fluorophenol
Concen: 117.56 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

Tgt Ion:112 Resp: 496877
Ion Ratio Lower Upper
112 100
64 78.3 66.9 100.3
63 41.4 38.1 57.1



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: 128.02 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

Instrument :

BNA_F

ClientSampleId :

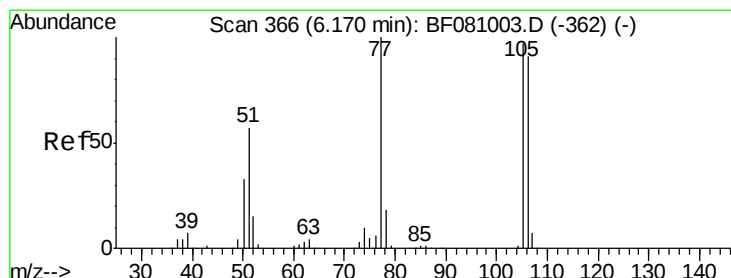
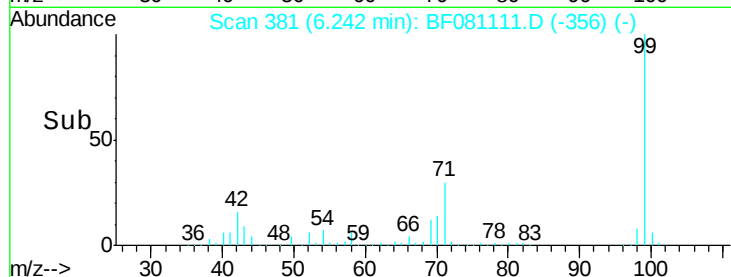
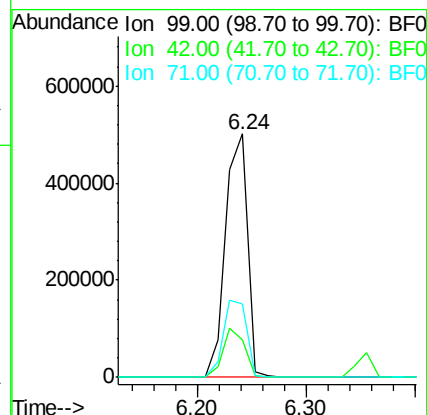
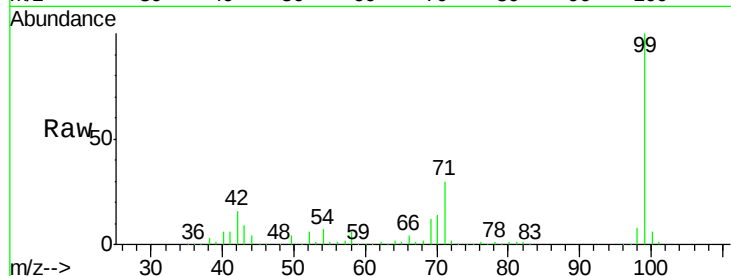
Tot Ion: 99 Resp: 705991

Ion Ratio Lower Upper

99 100

42 15.6 19.6 29.4#

71 30.3 31.2 46.8#



#9

Benzaldehyde

Concen: 4.01 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

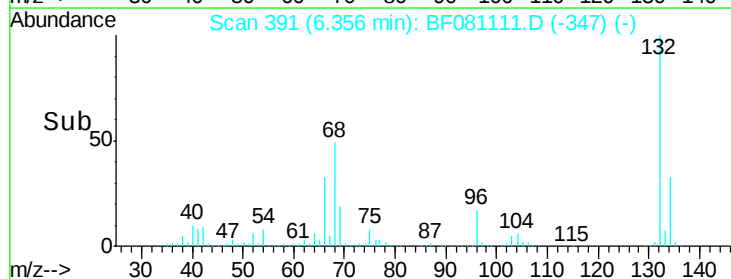
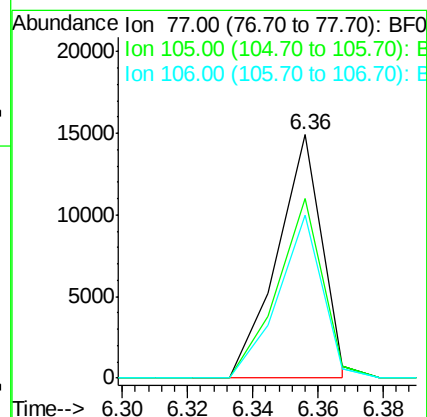
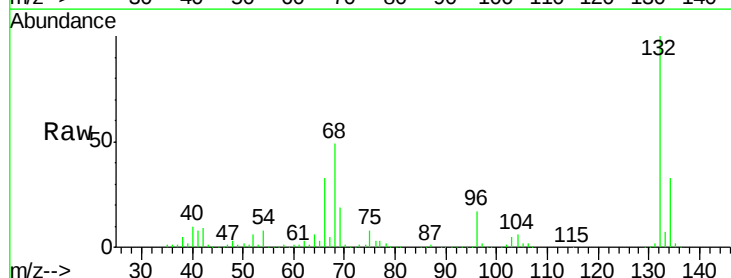
Tgt Ion: 77 Resp: 14266

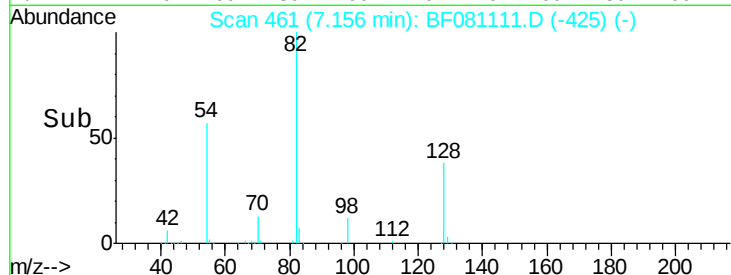
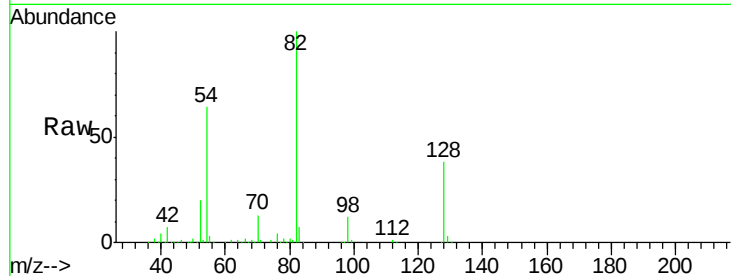
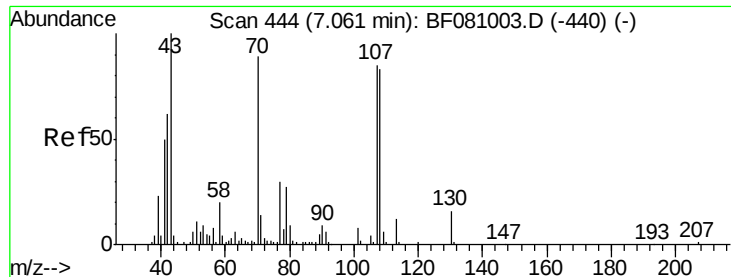
Ion Ratio Lower Upper

77 100

105 73.9 69.6 109.6

106 66.9 64.0 104.0

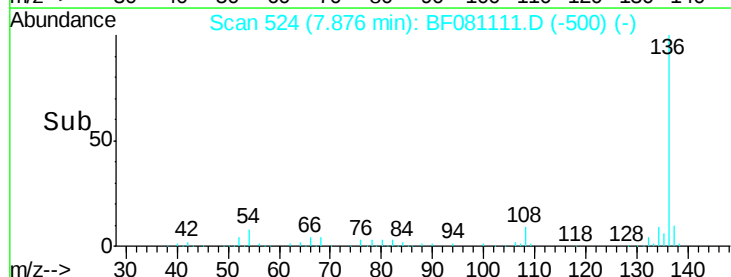
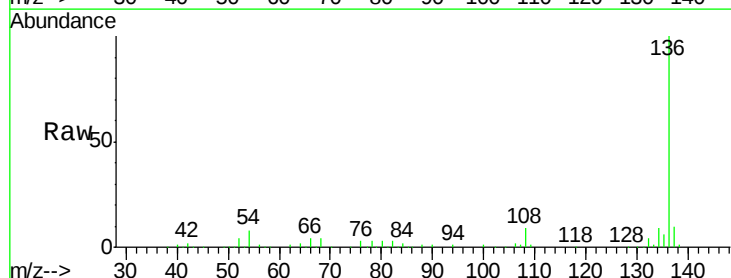
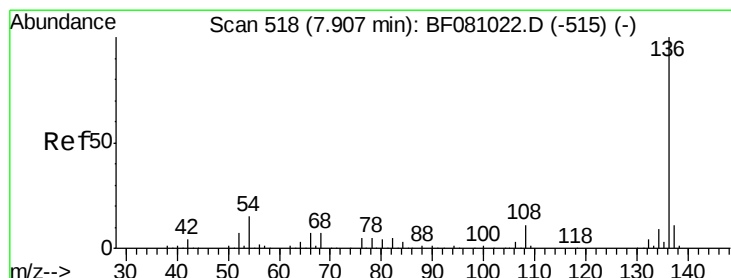
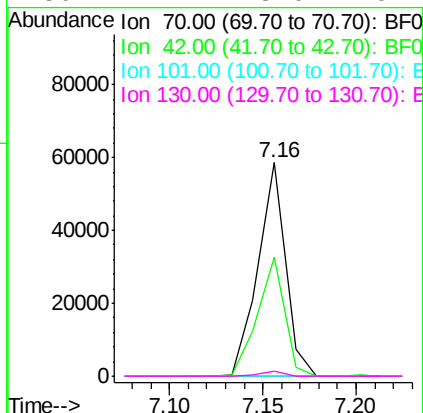




#19
n-Nitroso-di-n-propylamine
Concen: 15.65 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

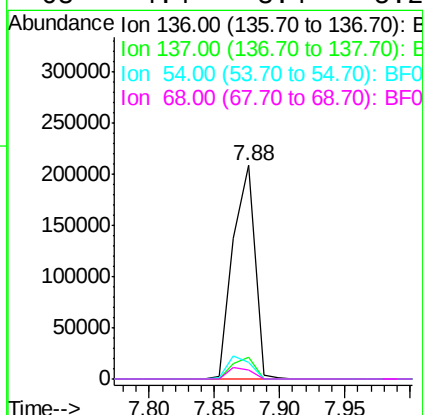
Instrument :
BNA_F
ClientSampleId :

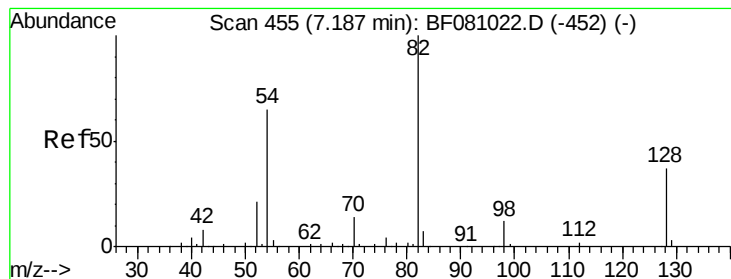
Tot Ion	Ratio	Lower	Upper
70	100		
42	55.8	65.0	97.4#
101	0.0	7.4	11.2#
130	2.1	13.0	19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.2	12.2
54	8.0	7.7	11.5
68	4.4	3.4	5.2





#23

Nitrobenzene-d5

Concen: 85.05 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.03 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

Instrument :

BNA_F

ClientSampled :

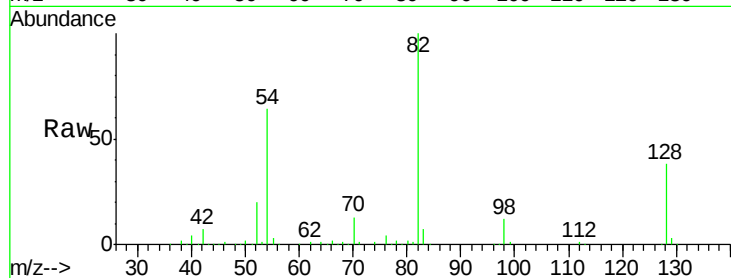
Tot Ion: 82 Resp: 453367

Ion Ratio Lower Upper

82 100

128 37.7 28.6 42.8

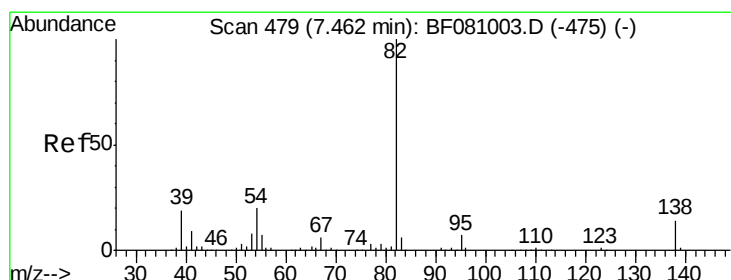
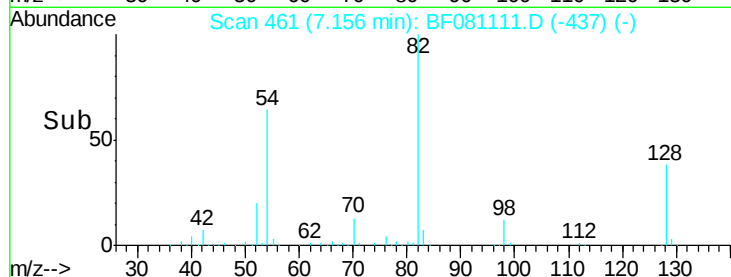
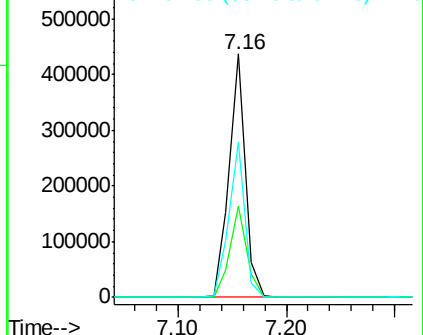
54 63.8 55.1 82.7



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: 34.79 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

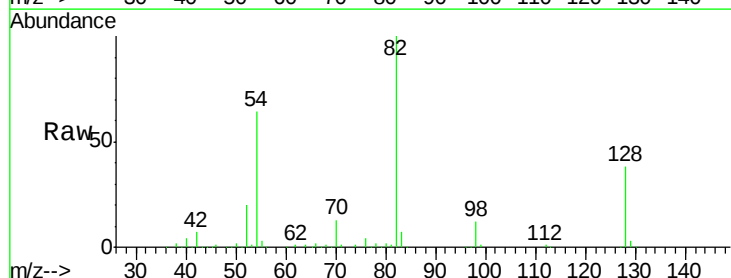
Tgt Ion: 82 Resp: 345845

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

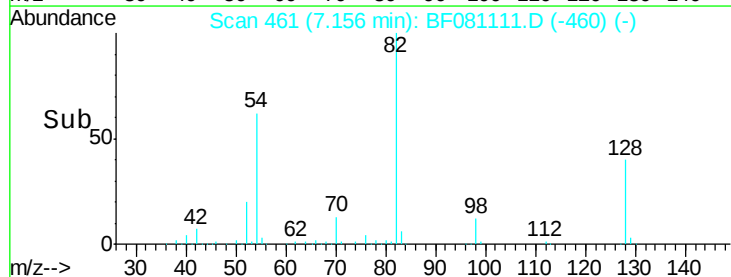
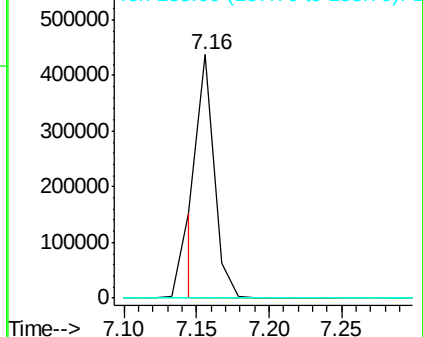
138 0.0 10.5 15.7#

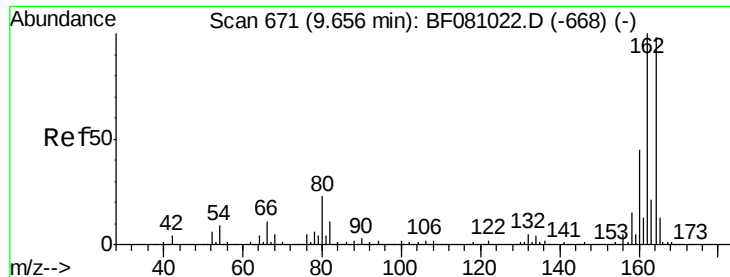


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

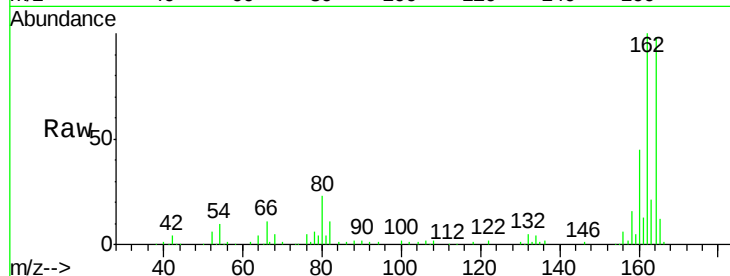




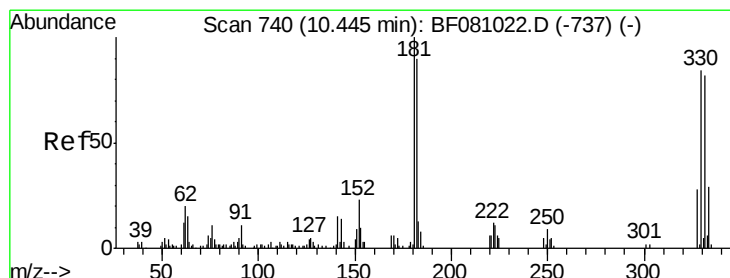
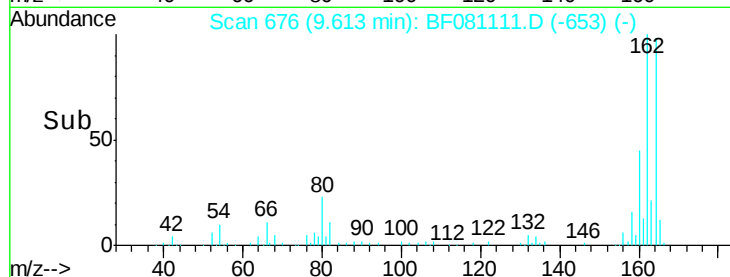
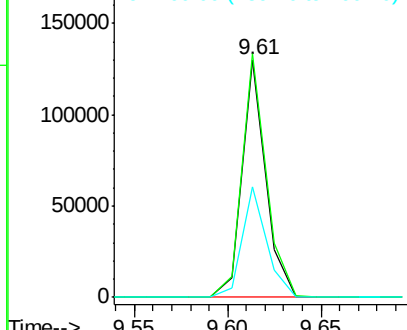
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 676
Delta R.T. -0.04 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 115011
Ion Ratio Lower Upper
164 100
162 102.4 83.8 125.8
160 46.4 39.8 59.8

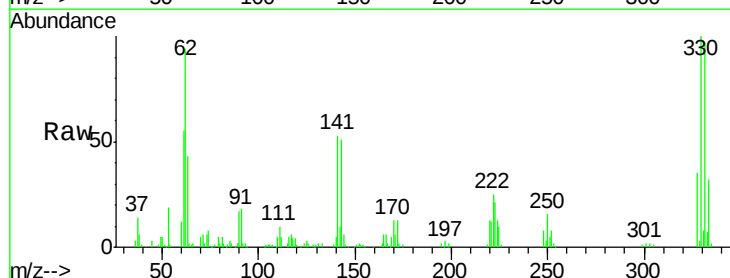


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

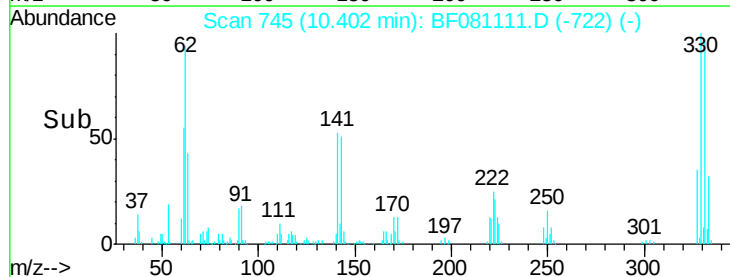
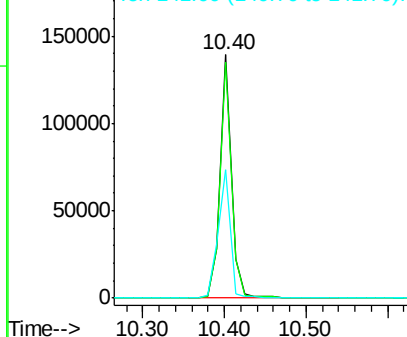


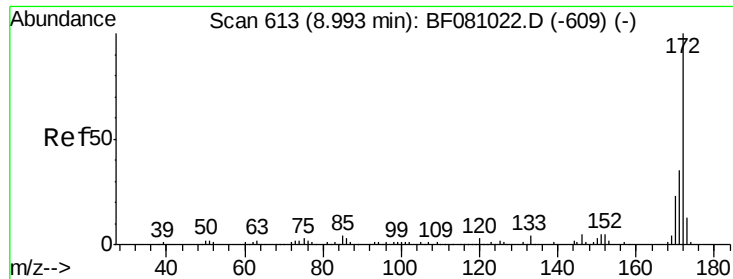
#41
2,4,6-Tribromophenol
Concen: 136.37 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.04 min
Lab File: BF081111.D
Acq: 20 Aug 2015 6:44

Tgt Ion:330 Resp: 135958
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 56.3 44.9 67.3



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

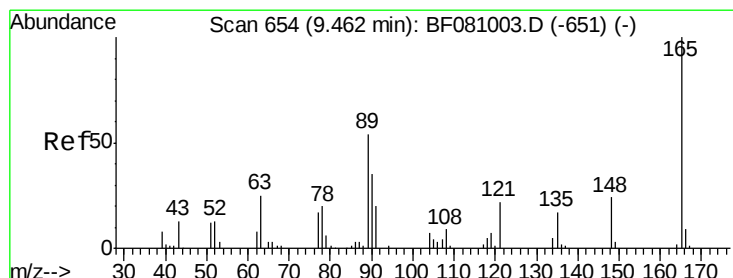
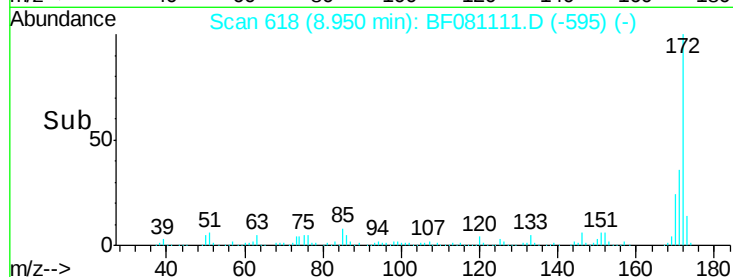
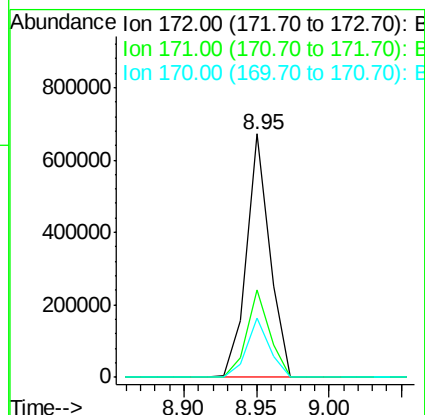
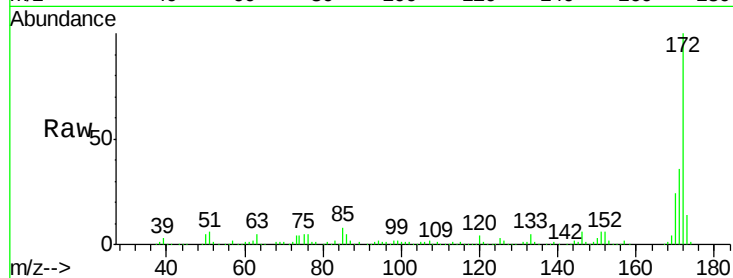




#44
 2-Fluorobiphenyl
 Concen: 85.31 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

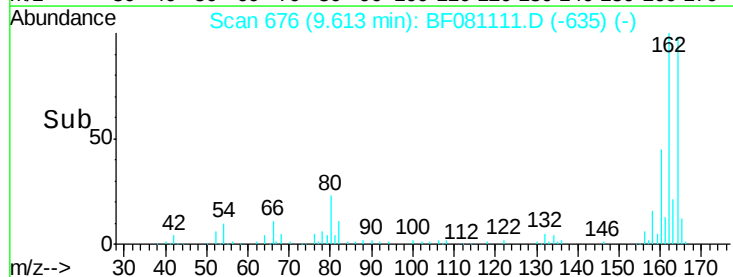
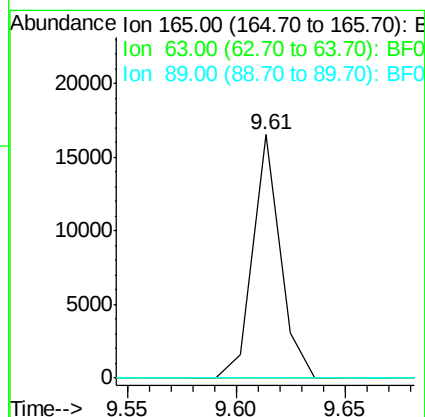
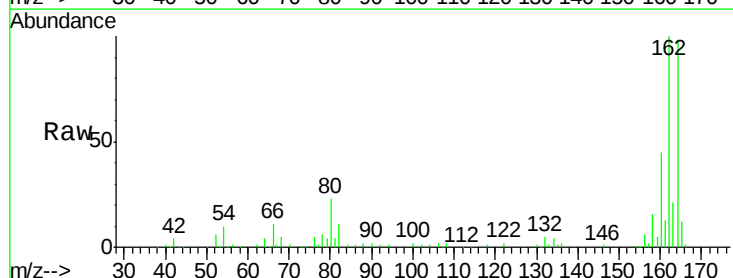
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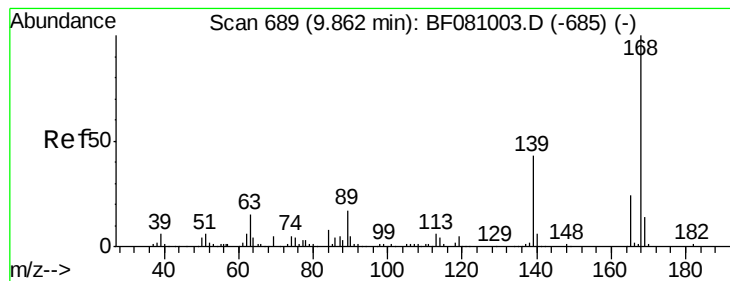
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.5	19.4	29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.16 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#

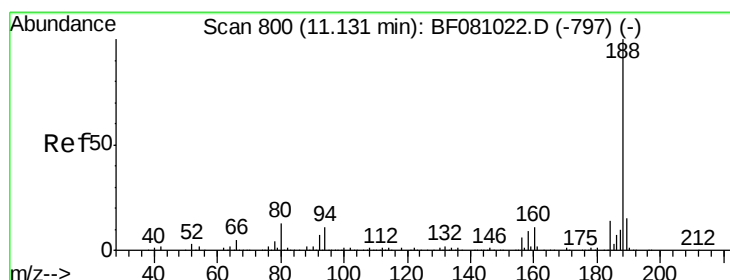
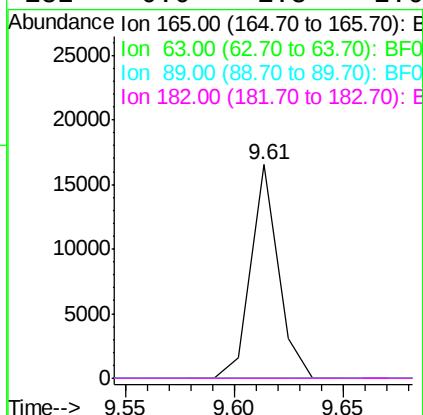
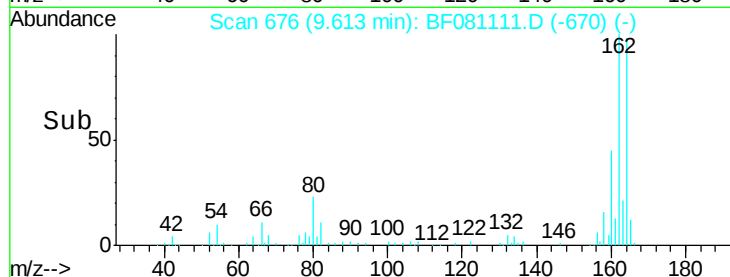
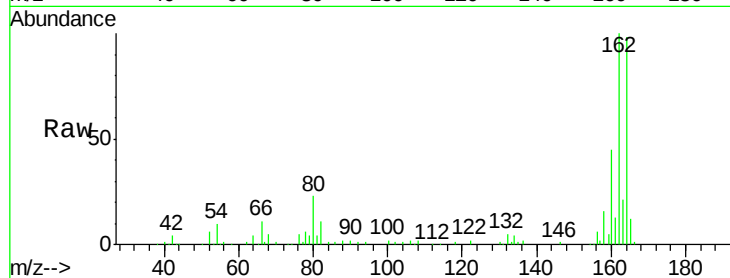




#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

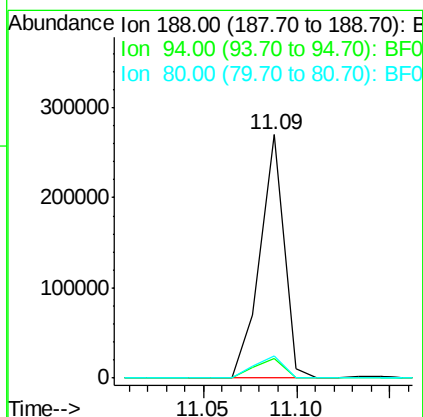
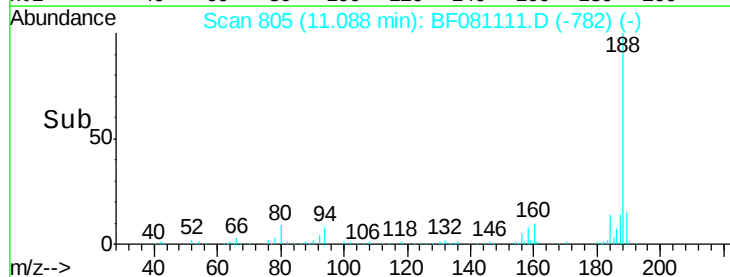
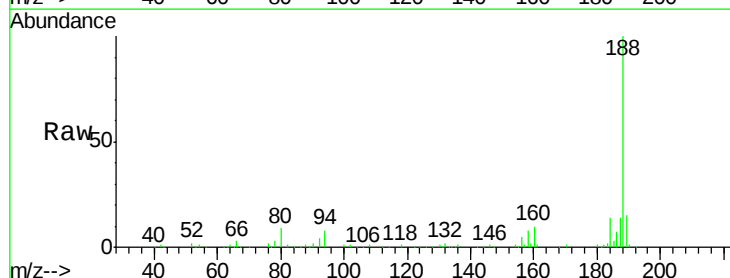
Instrument :
 BNA_F
 ClientSampleId :

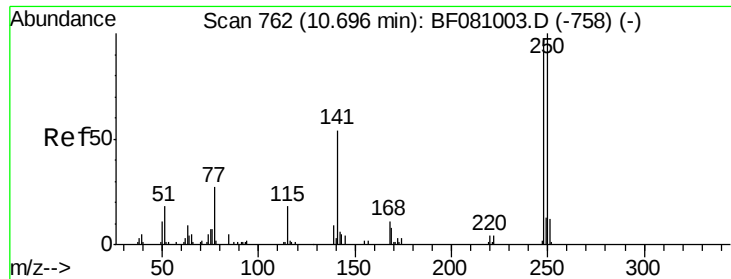
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 805
 Delta R.T. -0.04 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	8.2	12.2
80	8.9	9.5	14.3#





#66

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 10.40 min Scan# 745

Delta R.T. -0.28 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

Instrument :

BNA_F

ClientSampled :

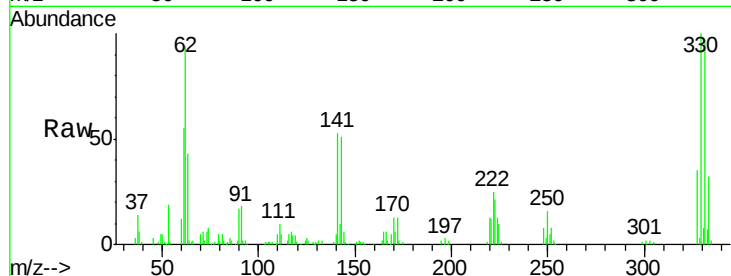
Tot Ion:248 Resp: 10422

Ion Ratio Lower Upper

248 100

250 203.3 77.8 116.6#

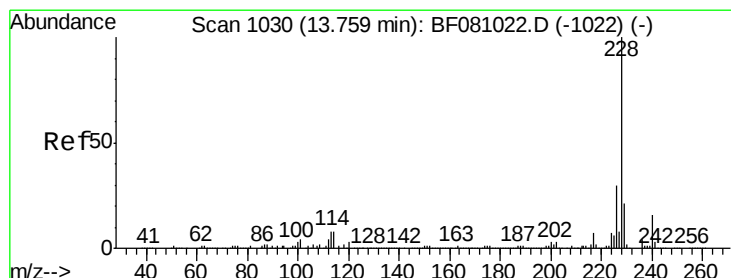
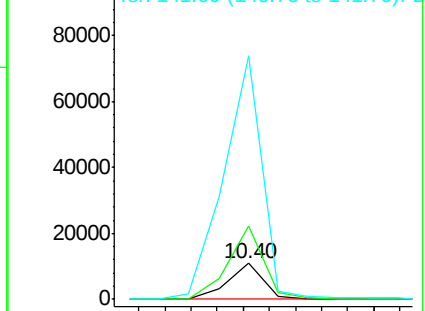
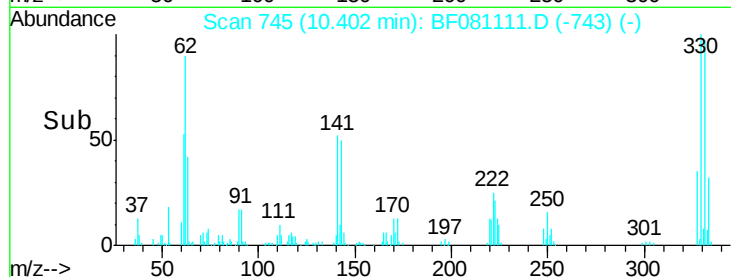
141 672.9 39.8 59.6#



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: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081111.D

Acq: 20 Aug 2015 6:44

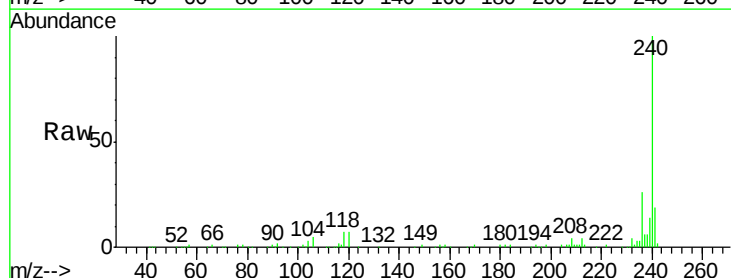
Tgt Ion:240 Resp: 213788

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

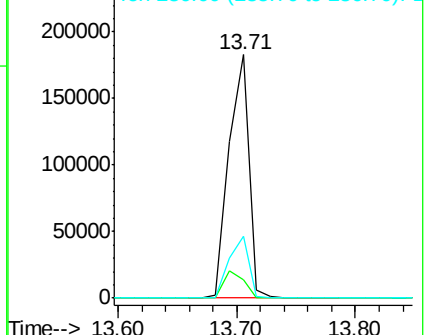
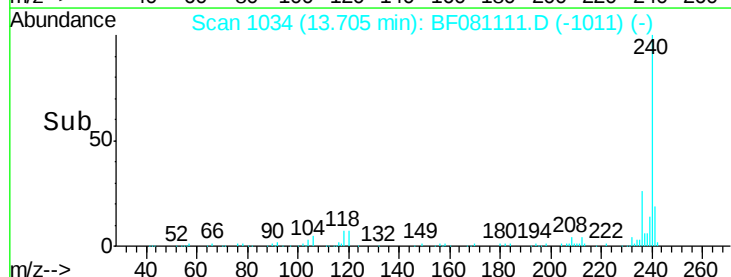
236 25.7 20.6 30.8

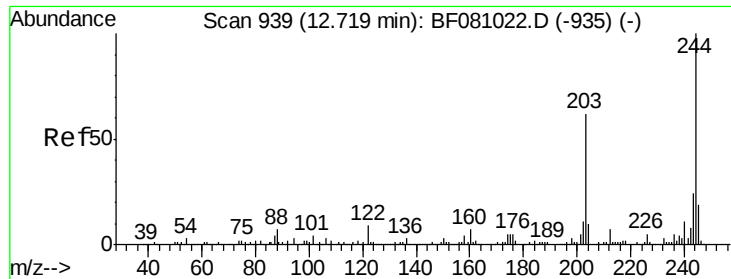


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

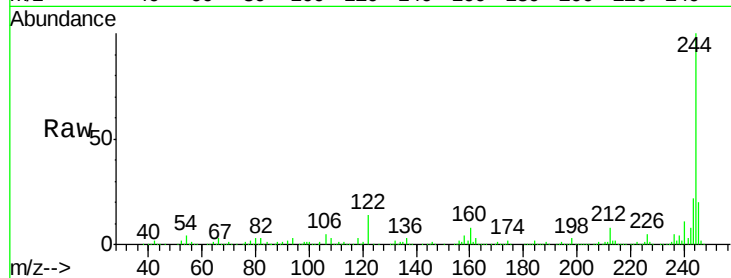




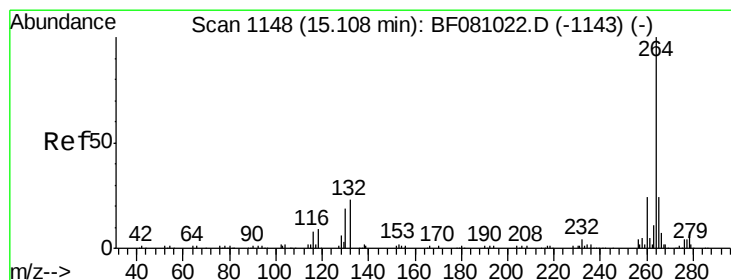
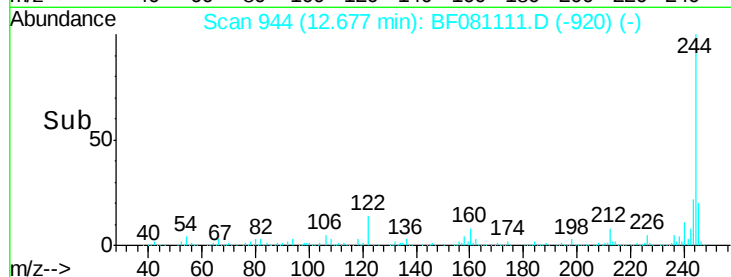
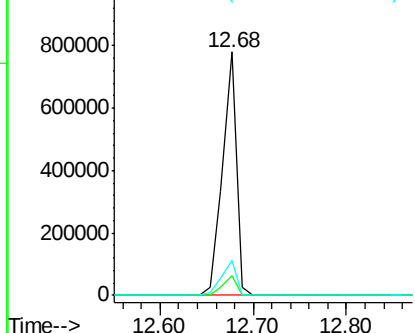
#78
 Terphenyl-d14
 Concen: 80.54 ng
 RT: 12.68 min Scan# 944
 Delta R.T. -0.03 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 803154
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.8 8.8
 122 14.4 8.2 12.4#

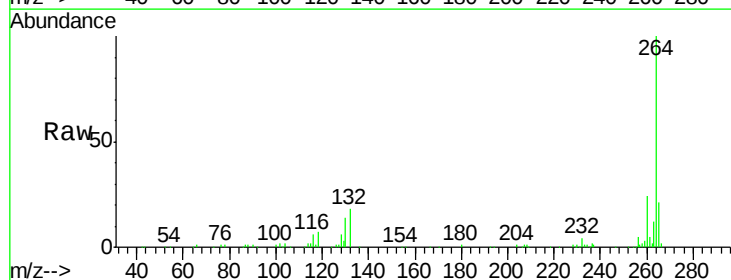


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1151
 Delta R.T. -0.05 min
 Lab File: BF081111.D
 Acq: 20 Aug 2015 6:44

Tgt Ion:264 Resp: 167896
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.3 17.5 26.3



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

