

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083860.D
 Acq On : 16 Dec 2015 20:49
 Operator : UM/SJ
 Sample : G4775-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Quant Time: Dec 17 03:25:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

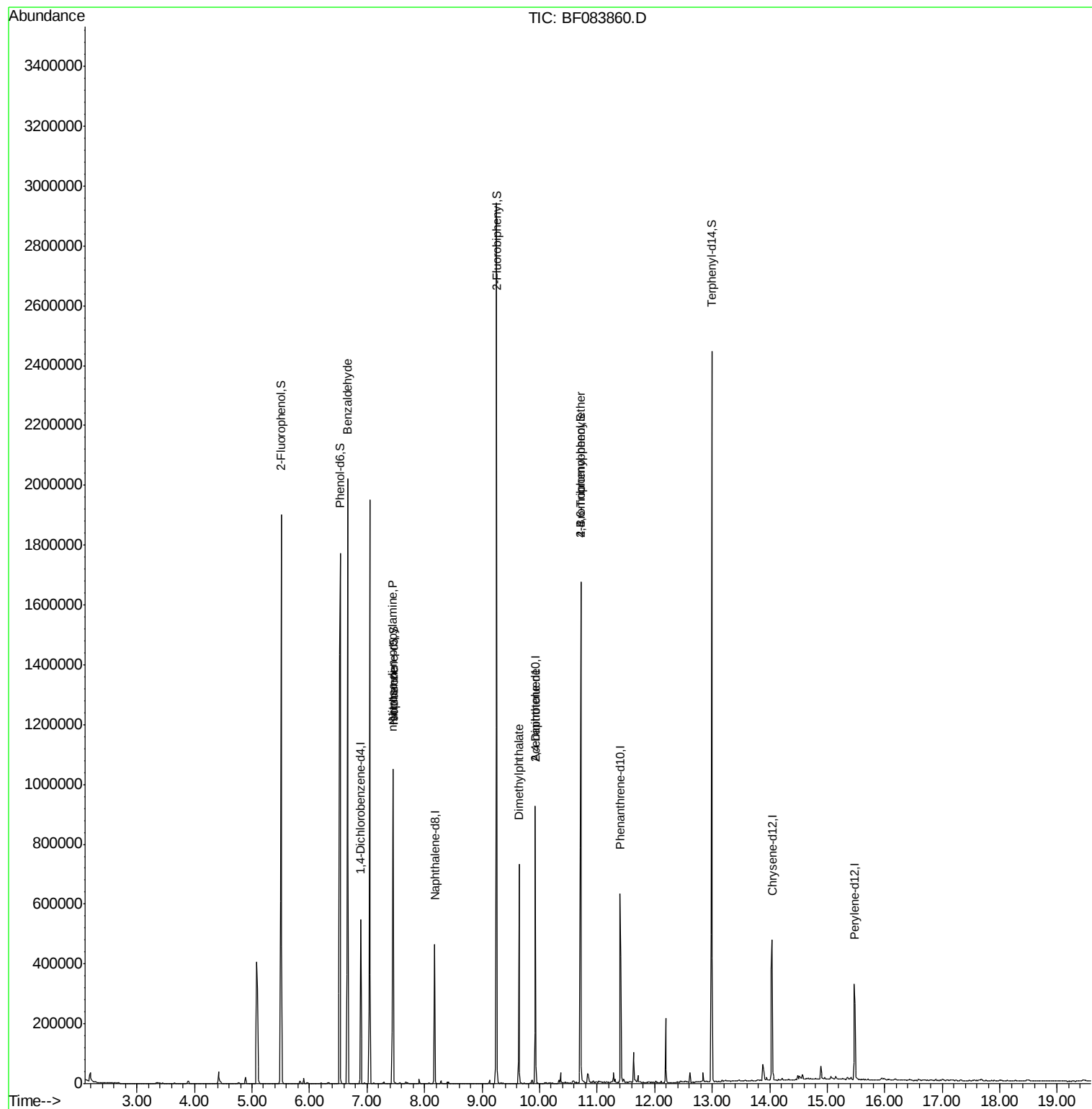
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	84095	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	333623	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	172323	20.00	ng	-0.03
63) Phenanthrene-d10	11.40	188	292000	20.00	ng	-0.05
75) Chrysene-d12	14.04	240	209678	20.00	ng	-0.03
86) Perylene-d12	15.47	264	169224	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	623298	119.57	ng	-0.02
7) Phenol-d6	6.53	99	920374	139.42	ng	-0.01
23) Nitrobenzene-d5	7.46	82	545203	91.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	230883	131.49	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	972225	81.68	ng	-0.03
78) Terphenyl-d14	12.99	244	746614	76.59	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	14146	3.99	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.45	70	72106	17.84	ng	# 70
25) Isophorone	7.46	82	502826	42.98	ng	# 69
49) Dimethylphthalate	9.64	163	269231	20.04	ng	99
56) 2,4-Dinitrotoluene	9.93	165	22217	5.96	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	16481	5.05	ng	# 1

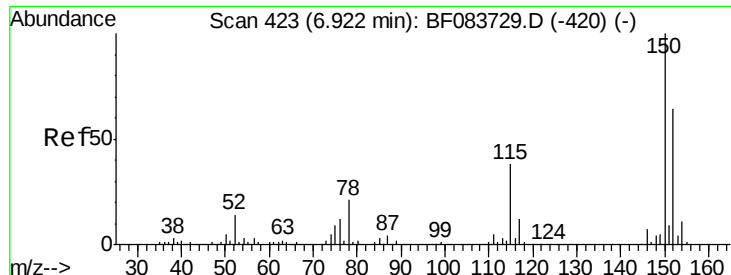
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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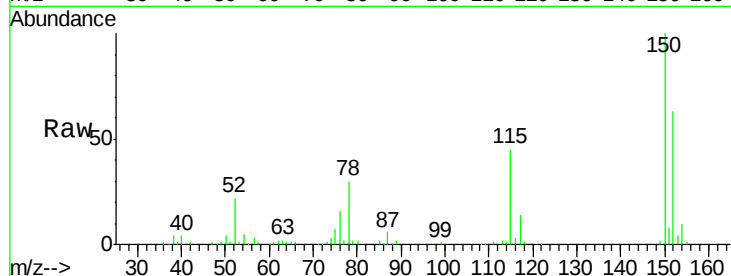




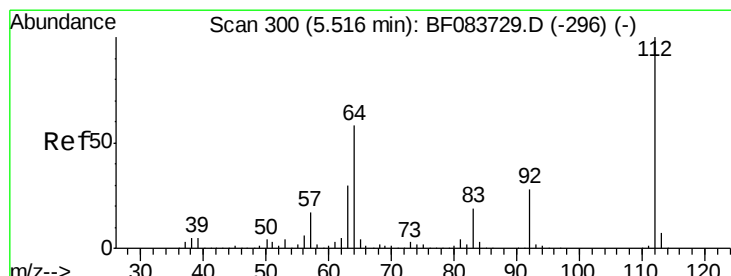
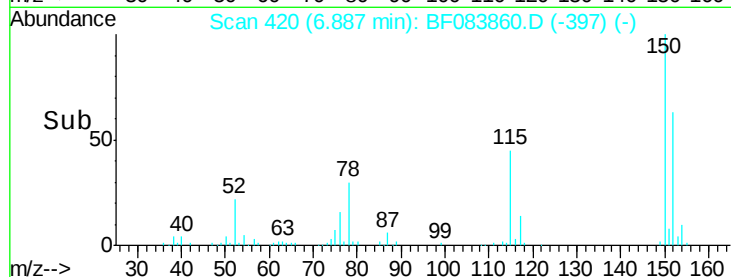
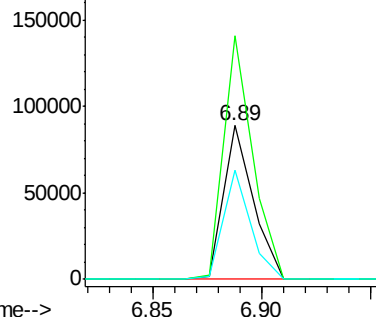
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tgt Ion:152 Resp: 84095
 Ion Ratio Lower Upper
 152 100
 150 158.4 126.5 189.7
 115 71.3 52.3 78.5

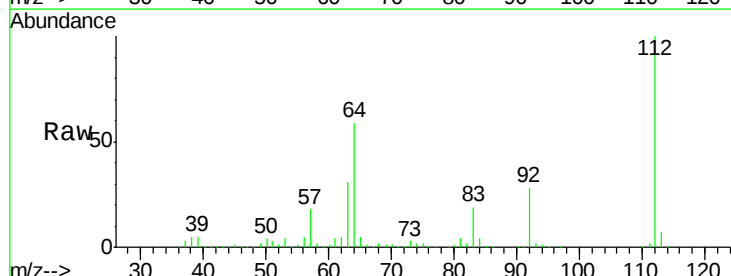


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

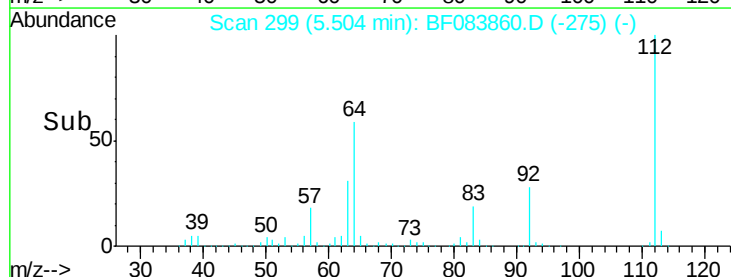
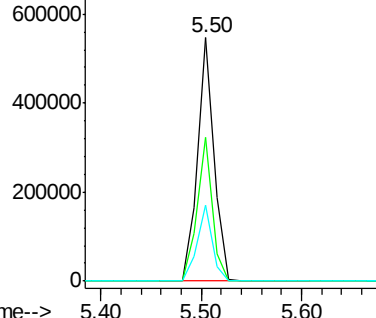


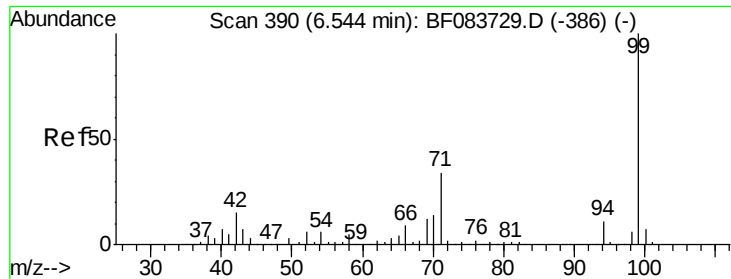
#5
 2-Fluorophenol
 Concen: 119.57 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion:112 Resp: 623298
 Ion Ratio Lower Upper
 112 100
 64 59.1 50.5 75.7
 63 31.0 25.8 38.6



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: 139.42 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

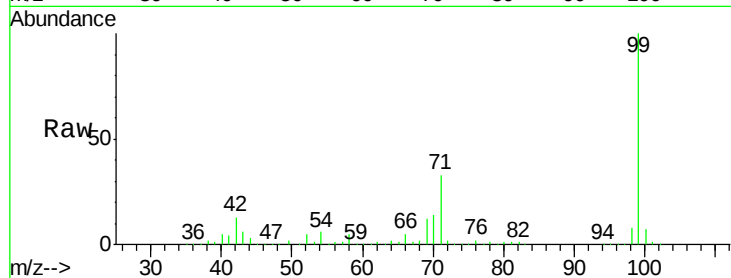
Tgt Ion: 99 Resp: 920374

Ion Ratio Lower Upper

99 100

42 13.0 17.3 25.9#

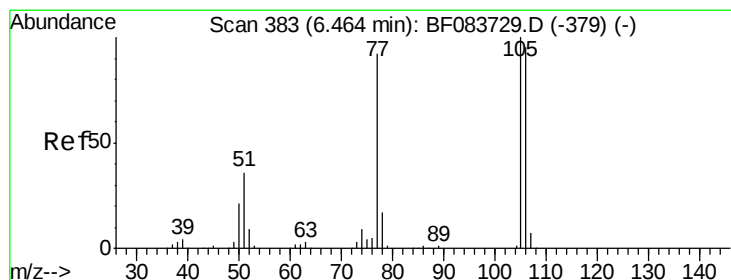
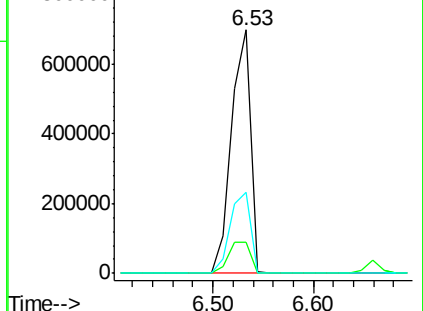
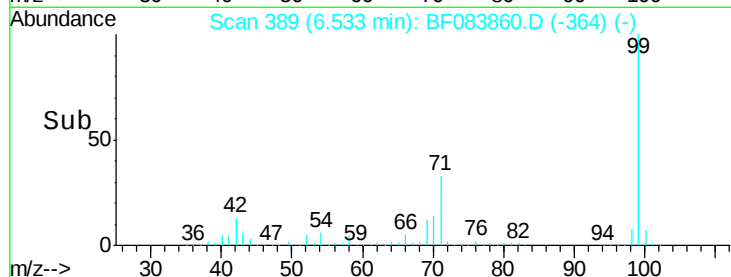
71 33.5 26.6 40.0



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



#9

Benzaldehyde

Concen: 3.99 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

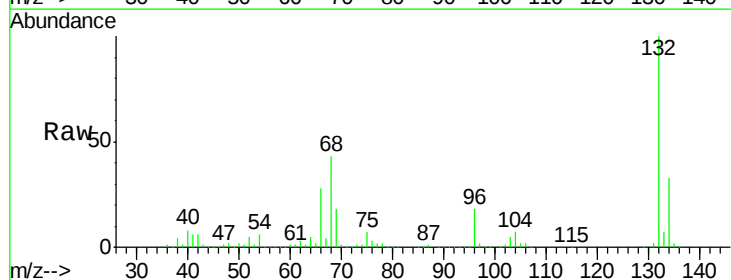
Tgt Ion: 77 Resp: 14146

Ion Ratio Lower Upper

77 100

105 83.8 71.8 111.8

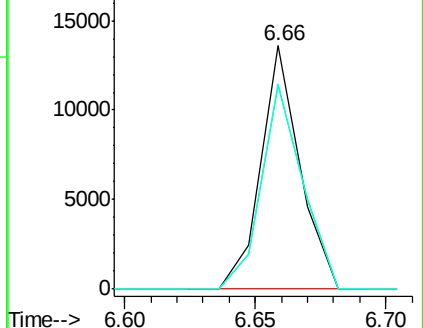
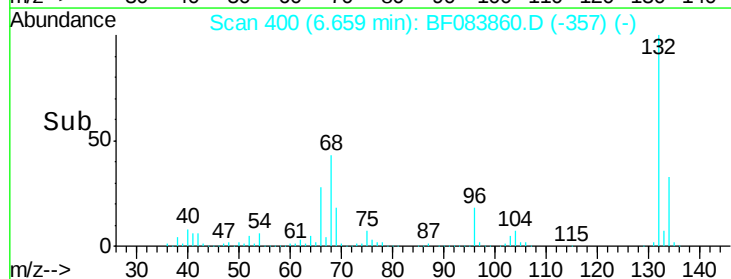
106 84.5 66.8 106.8

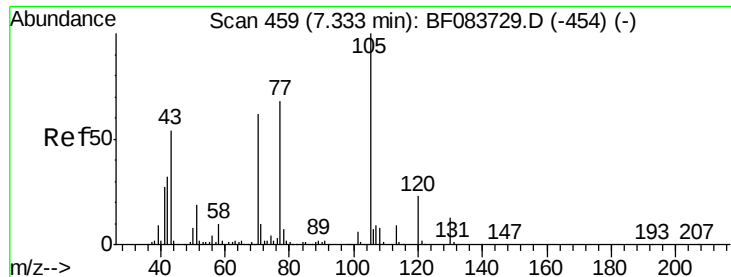


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

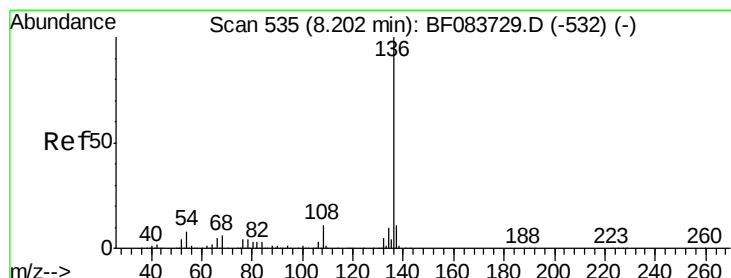
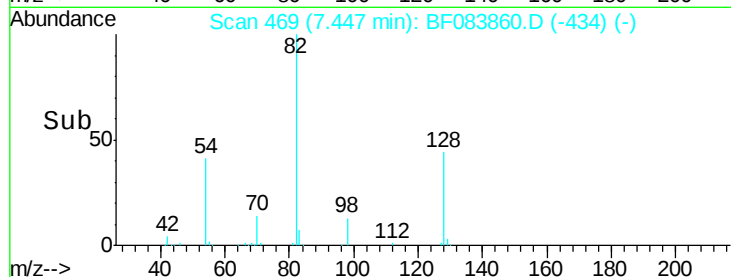
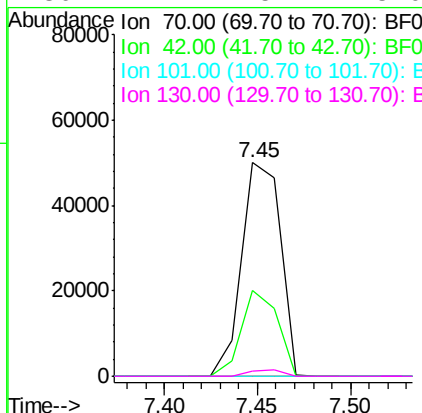
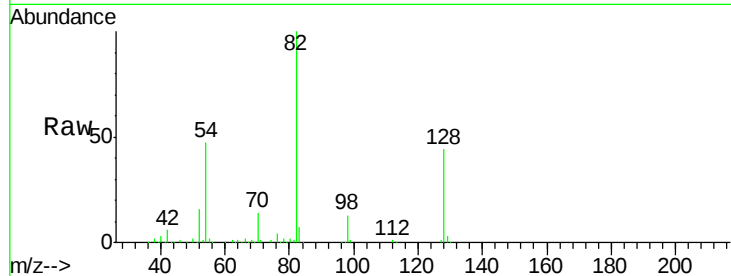




#19
n-Nitroso-di-n-propylamine
Concen: 17.84 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.10 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

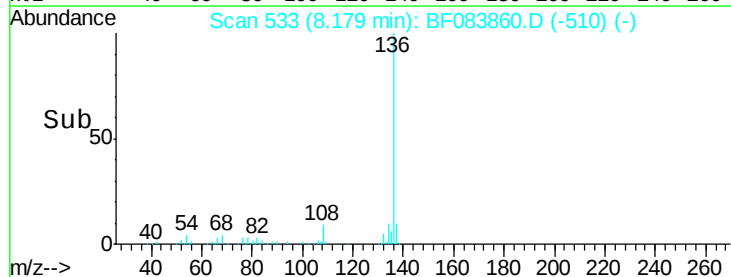
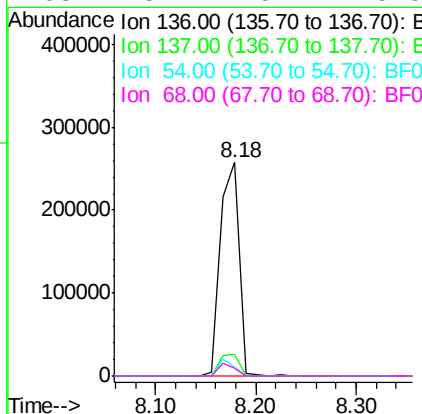
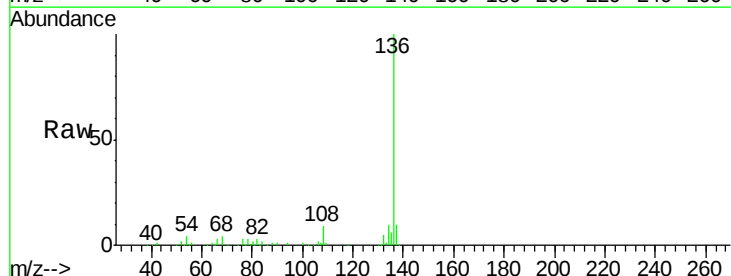
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

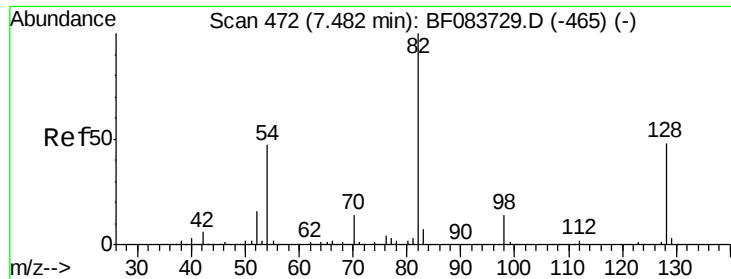
Tgt Ion: 70 Resp: 72106
Ion Ratio Lower Upper
70 100
42 39.9 49.2 73.8#
101 0.0 7.1 10.7#
130 2.2 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

Tgt Ion: 136 Resp: 333623
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 4.4 7.8 11.6#
68 3.7 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 91.43 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-C-20150874

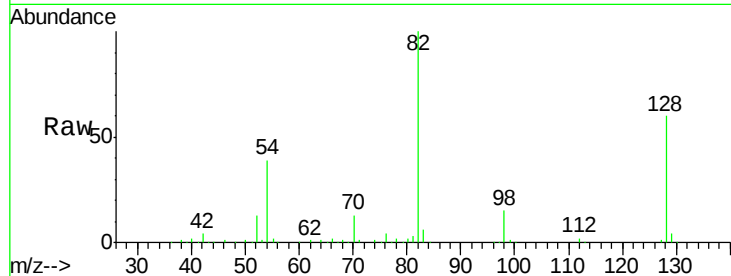
Tgt Ion: 82 Resp: 545203

Ion Ratio Lower Upper

82 100

128 59.7 30.7 46.1#

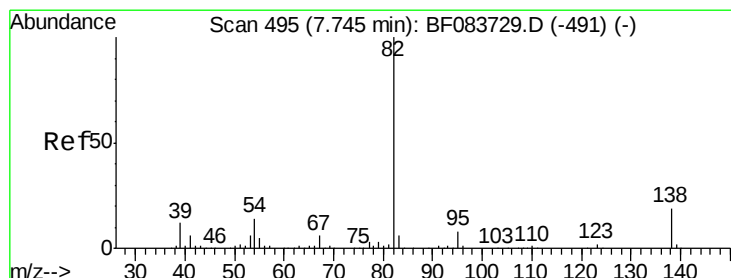
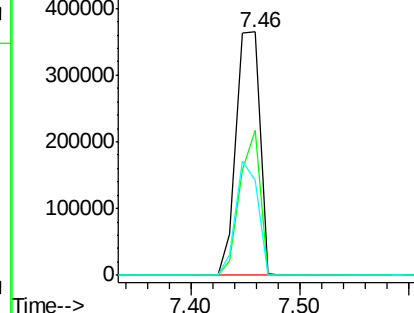
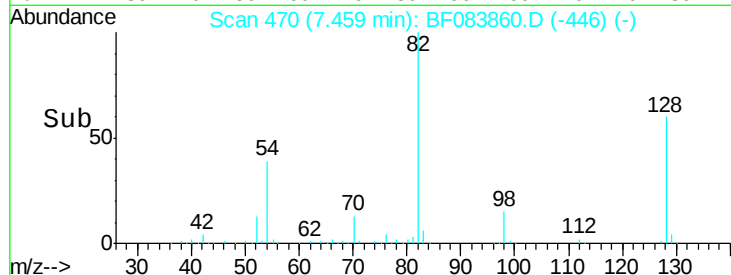
54 38.8 42.5 63.7#



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: 42.98 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.29 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

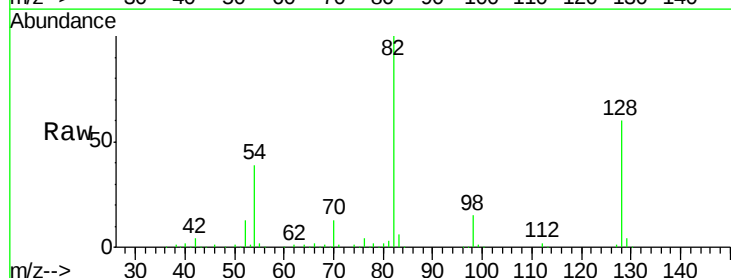
Tgt Ion: 82 Resp: 502826

Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

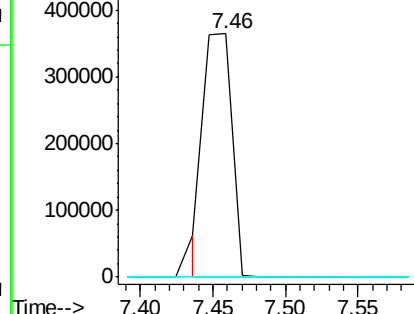
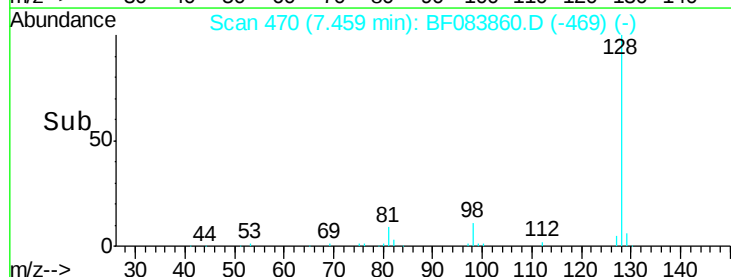
138 0.0 12.1 18.1#

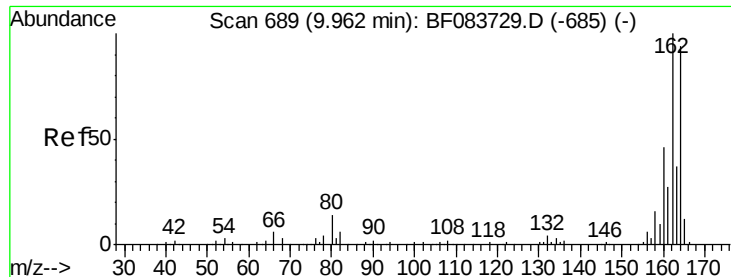


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

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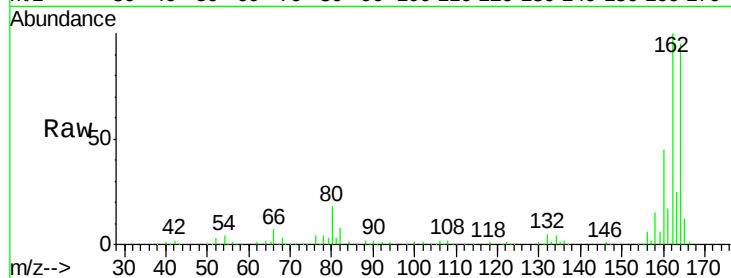
Tgt Ion:164 Resp: 172323

Ion Ratio Lower Upper

164 100

162 104.8 78.8 118.2

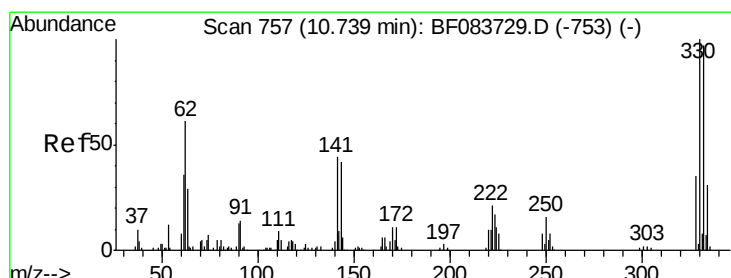
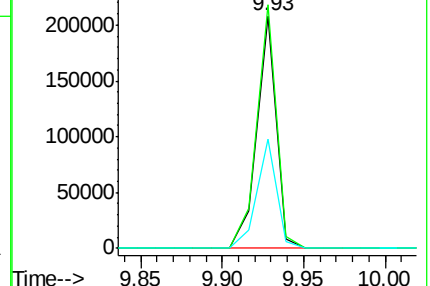
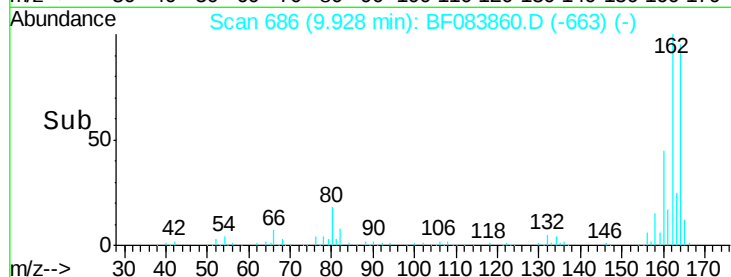
160 46.8 33.4 50.2



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: 131.49 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF083860.D

Acq: 16 Dec 2015 20:49

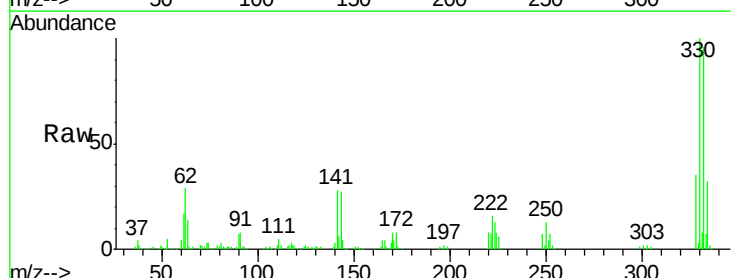
Tgt Ion:330 Resp: 230883

Ion Ratio Lower Upper

330 100

332 96.1 0.0 0.0#

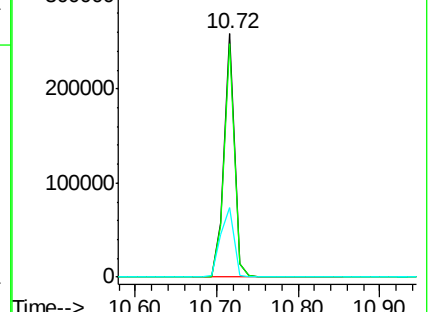
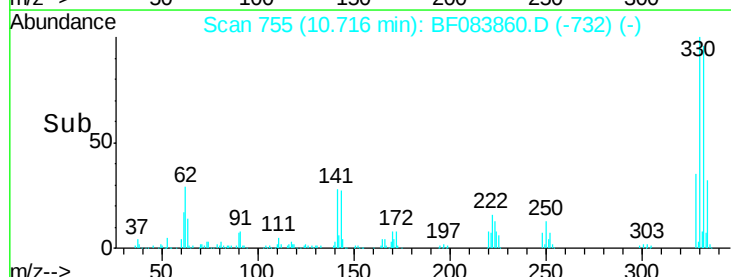
141 36.6 0.0 0.0#

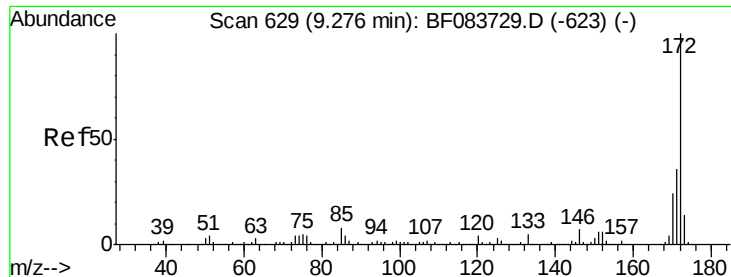


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

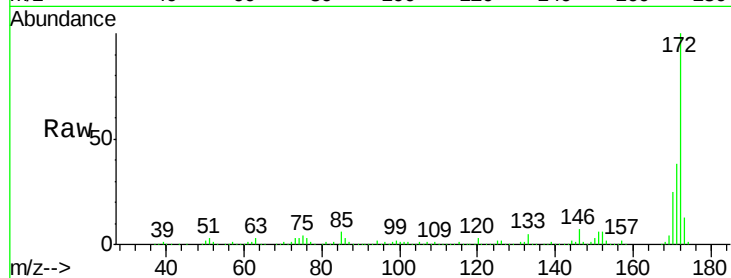




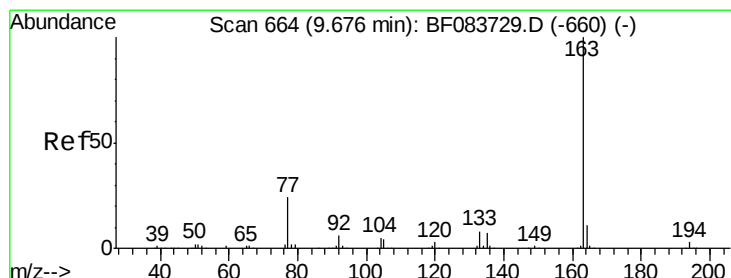
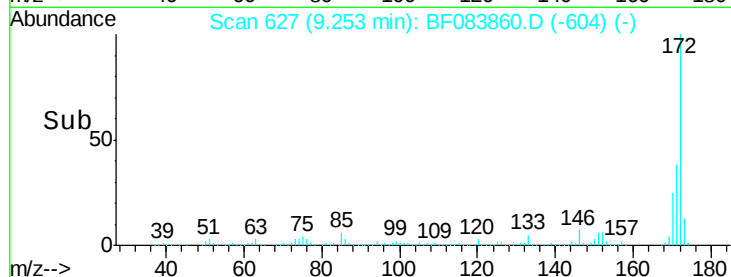
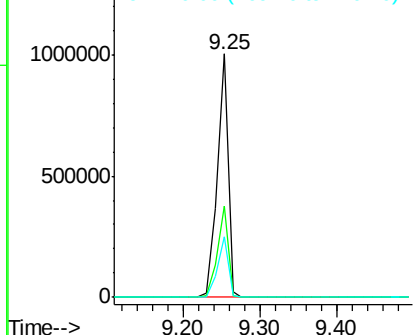
#44
 2-Fluorobiphenyl
 Concen: 81.68 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
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 COMPOSITE-C-20150874

Tgt Ion:172 Resp: 972225
 Ion Ratio Lower Upper
 172 100
 171 37.7 28.6 42.8
 170 24.9 19.4 29.0

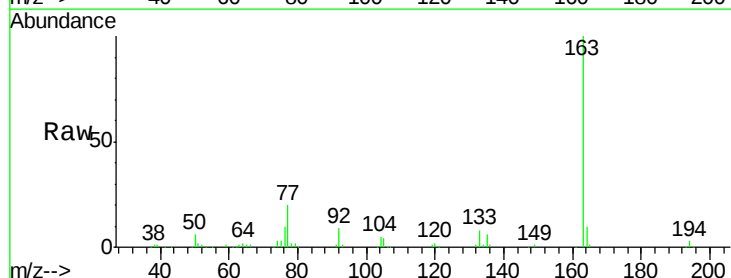


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

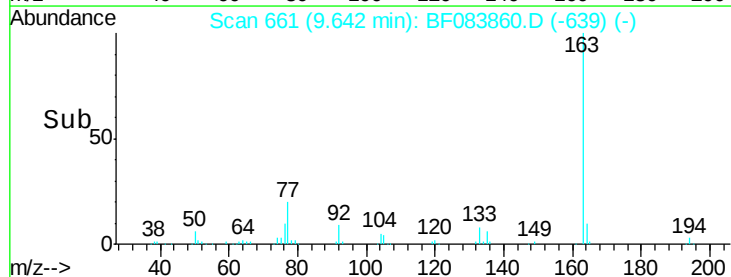
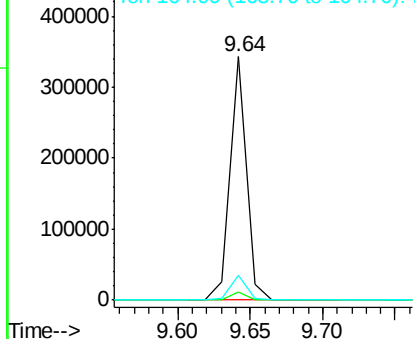


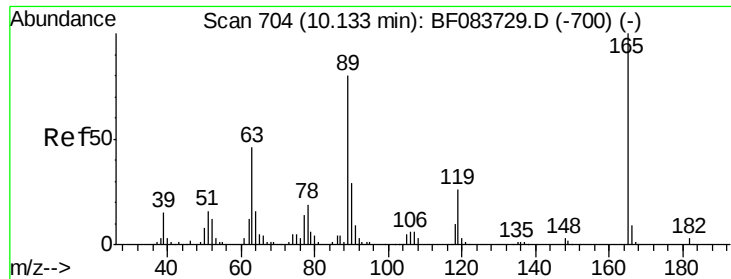
#49
 Dimethylphthalate
 Concen: 20.04 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.05 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion:163 Resp: 269231
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.8 4.2
 164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

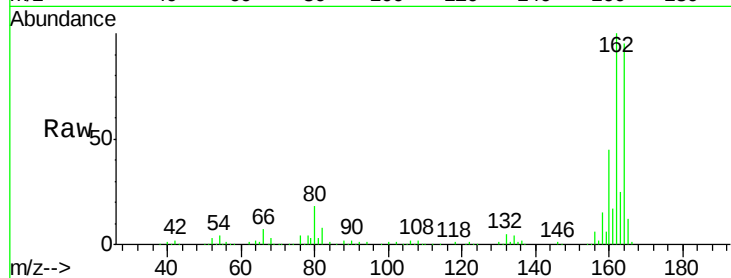




#56
2,4-Dinitrotoluene
Concen: 5.96 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.22 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-C-20150874

Tgt Ion:	165	Resp:	22217
Ion Ratio	Lower	Upper	
165	100		
63	0.0	51.4	77.2#
89	1.4	72.6	108.8#
182	0.0	1.4	2.0#

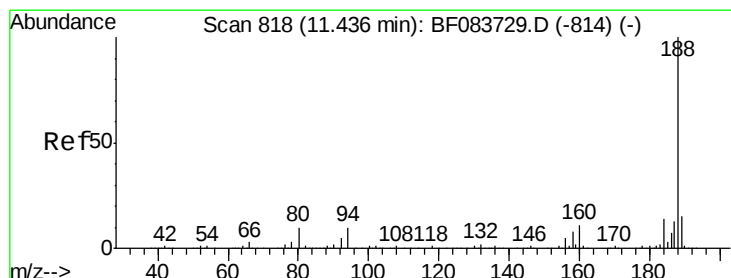
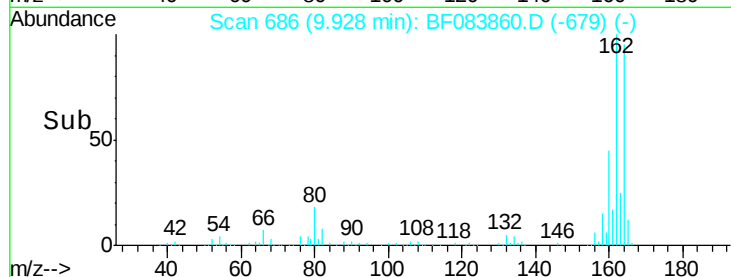
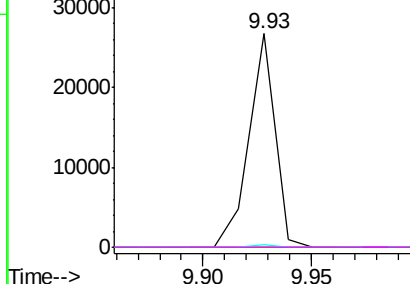


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



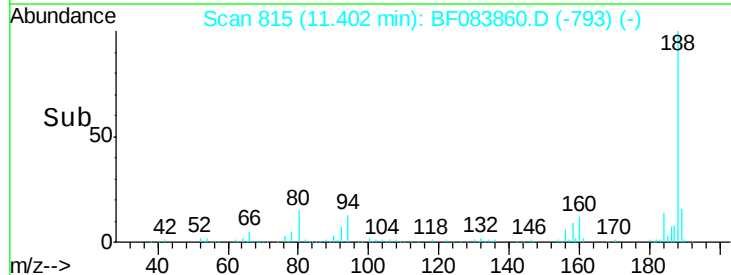
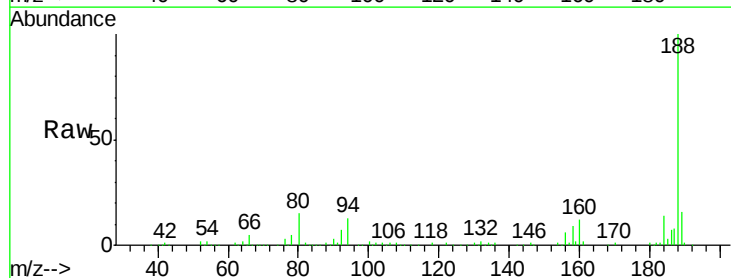
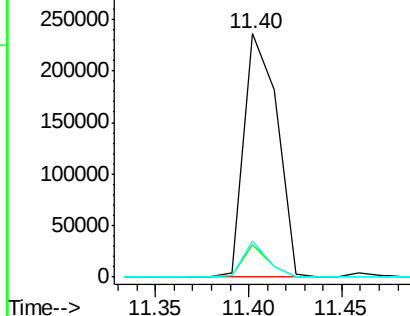
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. -0.05 min
Lab File: BF083860.D
Acq: 16 Dec 2015 20:49

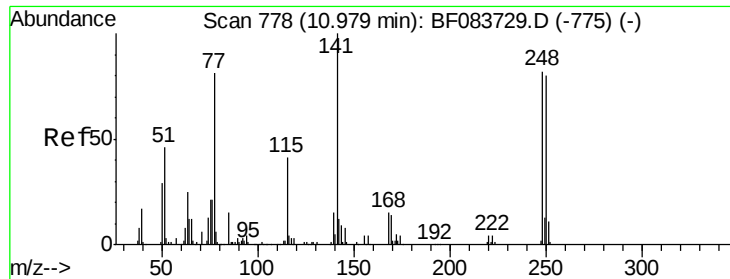
Tgt Ion:	188	Resp:	292000
Ion Ratio	Lower	Upper	
188	100		
94	13.4	9.4	14.2
80	14.9	10.6	16.0

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

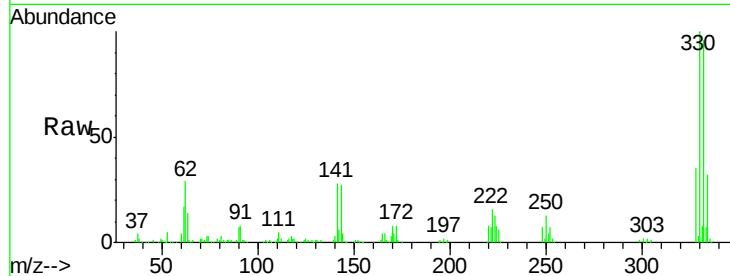




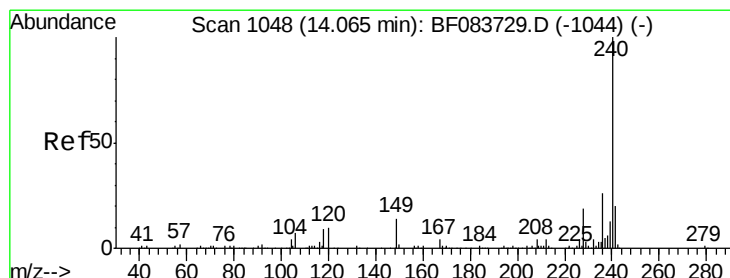
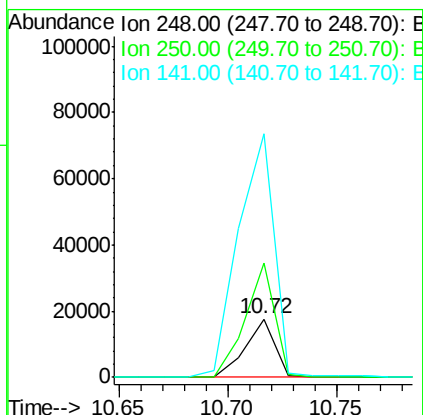
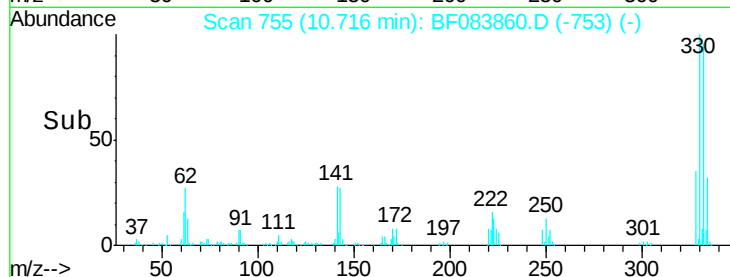
#66
 4-Bromophenyl-phenylether
 Concen: 5.05 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tgt Ion:248 Resp: 16481
 Ion Ratio Lower Upper
 248 100
 250 195.8 79.2 118.8#
 141 418.9 58.2 87.4#

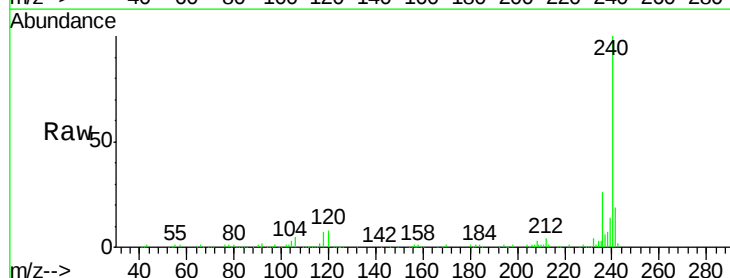


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

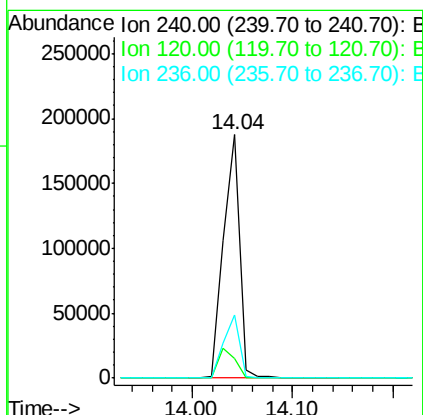
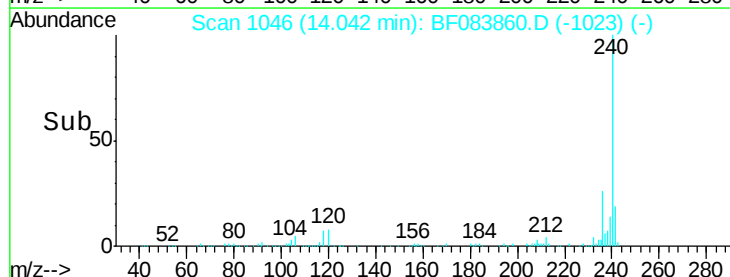


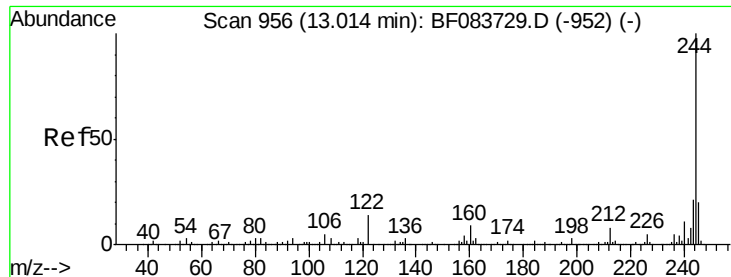
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion:240 Resp: 209678
 Ion Ratio Lower Upper
 240 100
 120 8.2 8.1 12.1
 236 25.7 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

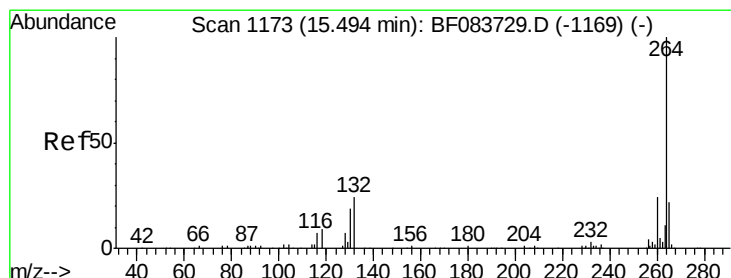
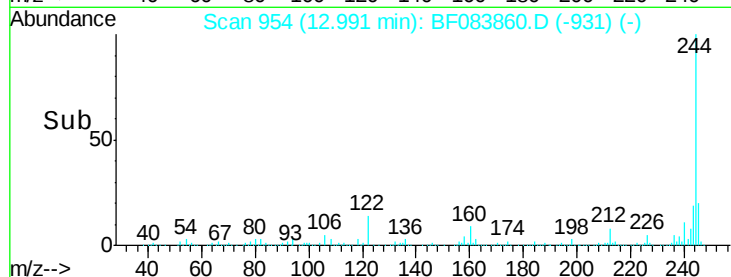
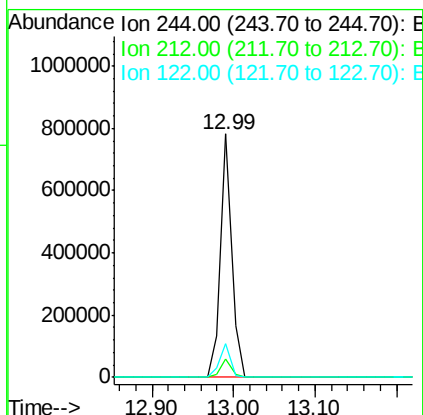
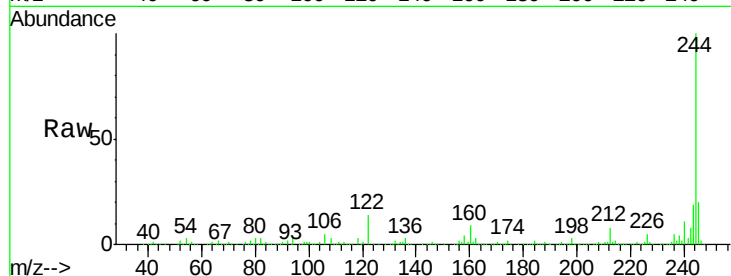




#78
 Terphenyl-d14
 Concen: 76.59 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-C-20150874

Tgt Ion:244 Resp: 746614
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.6 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.47 min Scan# 1171
 Delta R.T. -0.03 min
 Lab File: BF083860.D
 Acq: 16 Dec 2015 20:49

Tgt Ion:264 Resp: 169224
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.0
 265 22.1 17.8 26.6

