

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100815\
 Data File : BF082123.D
 Acq On : 8 Oct 2015 12:41
 Operator : UM/IZ
 Sample : G3927-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(26-28)

Quant Time: Oct 09 05:05:35 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 05:03:35 2015
 Response via : Initial Calibration

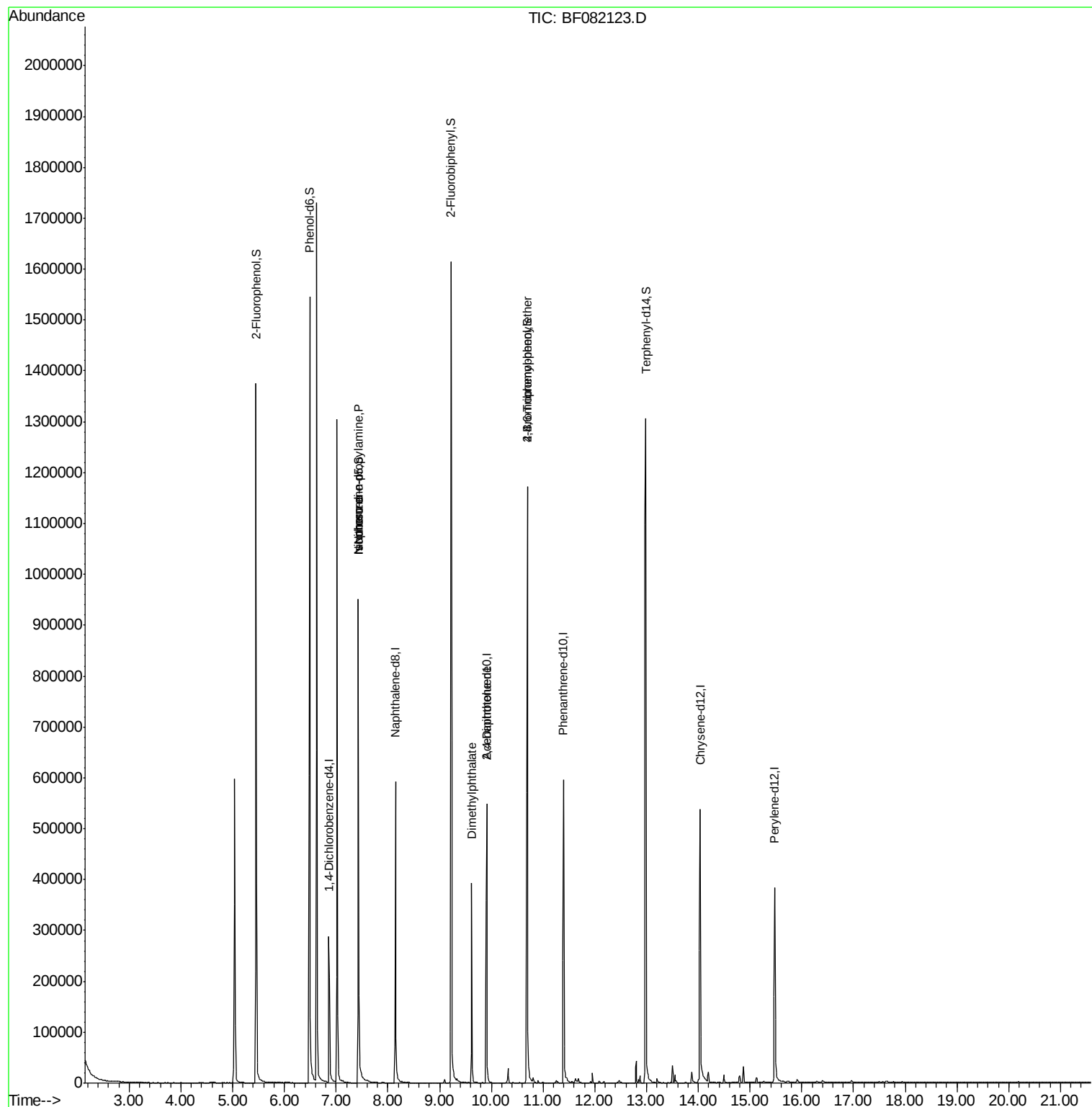
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	70531	20.00	ng	-0.01
21) Naphthalene-d8	8.15	136	306237	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	150230	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	304070	20.00	ng	0.00
75) Chrysene-d12	14.04	240	283976	20.00	ng	-0.01
86) Perylene-d12	15.48	264	215045	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	423884	109.10	ng	0.00
7) Phenol-d6	6.49	99	618088	126.42	ng	0.00
23) Nitrobenzene-d5	7.43	82	359923	78.35	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	176422	115.96	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	634643	67.99	ng	-0.01
78) Terphenyl-d14	12.98	244	661025	72.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	44318	14.91	ng	# 60
25) Isophorone	7.43	82	323061	35.48	ng	# 58
49) Dimethylphthalate	9.62	163	172708	16.65	ng	# 96
56) 2,4-Dinitrotoluene	9.91	165	18200	6.34	ng	# 31
57) Fluorene	10.70	166	7538	Below Cal	#	82
66) 4-Bromophenyl-phenylether	10.70	248	12259	4.00	ng	# 1
70) Phenanthrene	11.42	178	740	Below Cal	#	62
73) Di-n-butylphthalate	11.95	149	11286	Below Cal	#	99

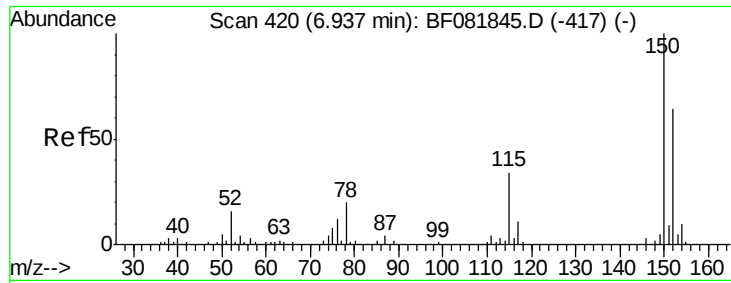
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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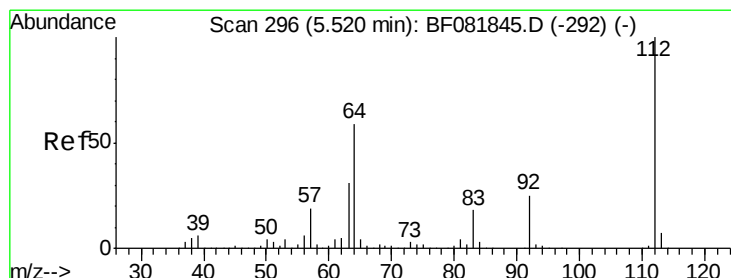
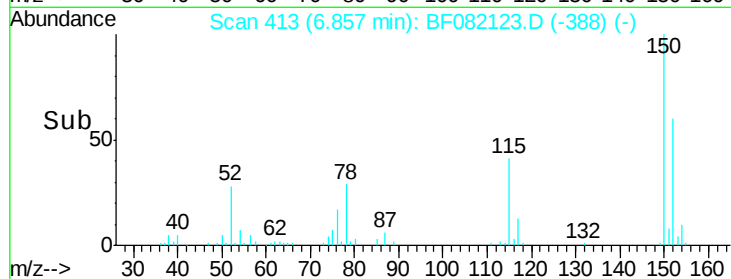
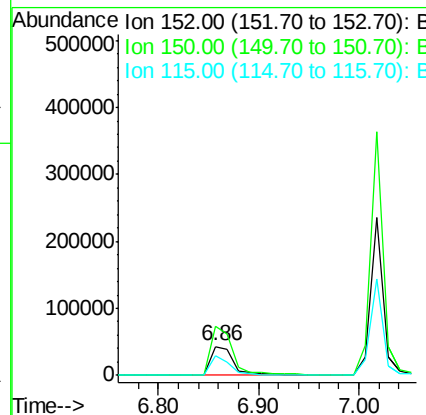
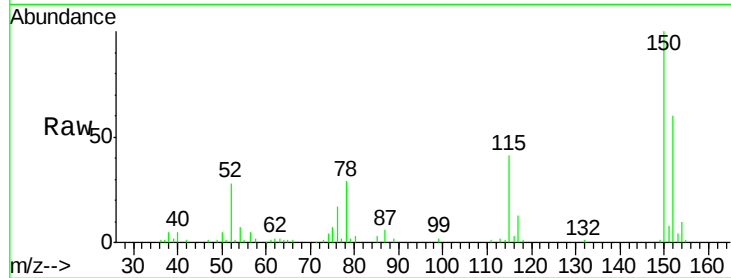


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 413
 Delta R.T. -0.01 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-28(26-28)

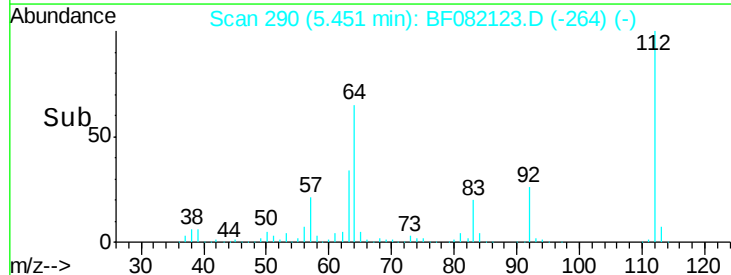
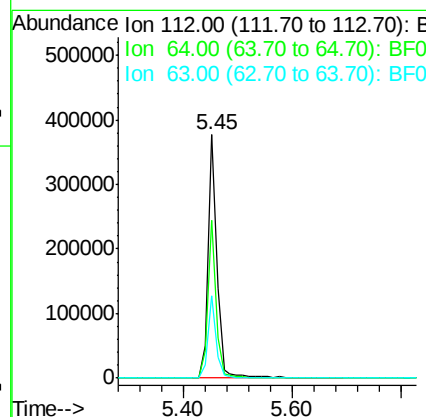
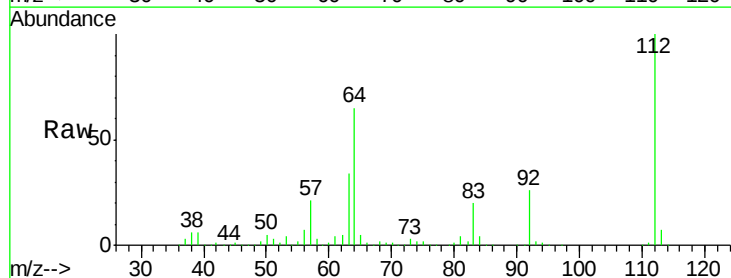
Tot Ion:152 Resp: 70531
 Ion Ratio Lower Upper
 152 100
 150 166.8 124.7 187.1
 115 68.1 39.0 58.4#

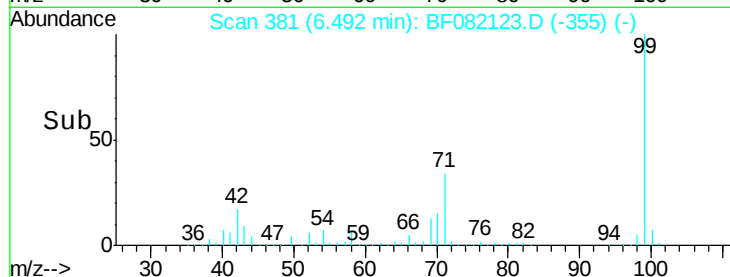
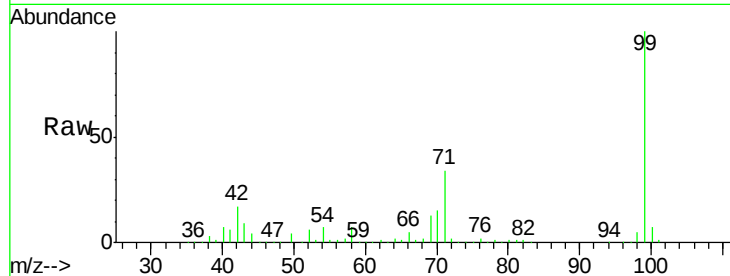
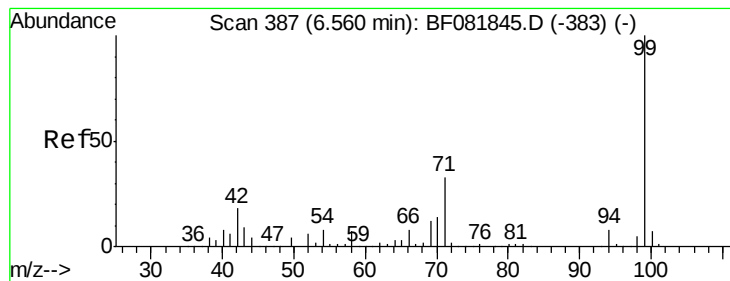


#5

2-Fluorophenol
 Concen: 109.10 ng
 RT: 5.45 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Tgt Ion:112 Resp: 423884
 Ion Ratio Lower Upper
 112 100
 64 64.6 39.7 59.5#
 63 33.8 17.4 26.0#





#7

Phenol-d6

Concen: 126.42 ng

RT: 6.49 min Scan# 381

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

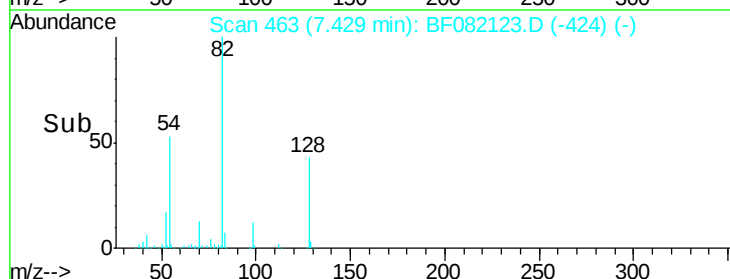
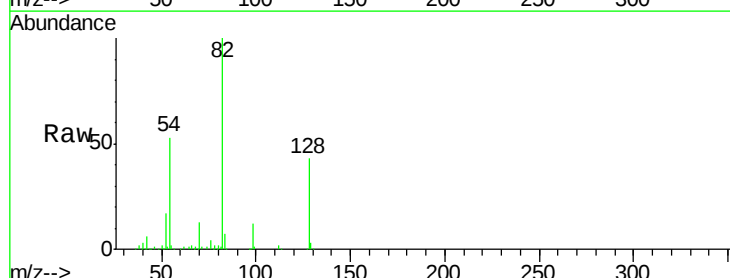
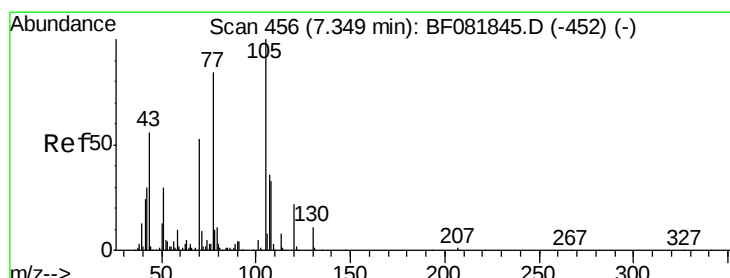
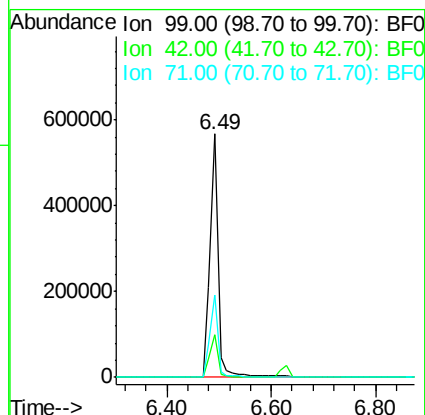
Tot Ion: 99 Resp: 618088

Ion Ratio Lower Upper

99 100

42 17.3 13.7 20.5

71 33.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.91 ng

RT: 7.43 min Scan# 463

Delta R.T. 0.15 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Tgt Ion: 70 Resp: 44318

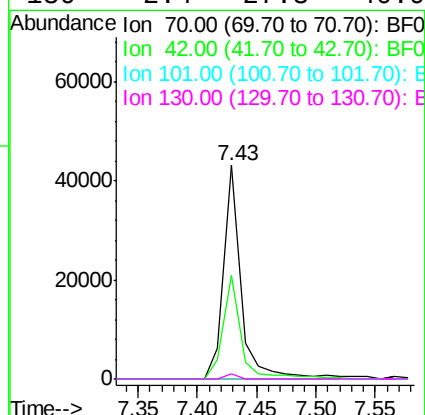
Ion Ratio Lower Upper

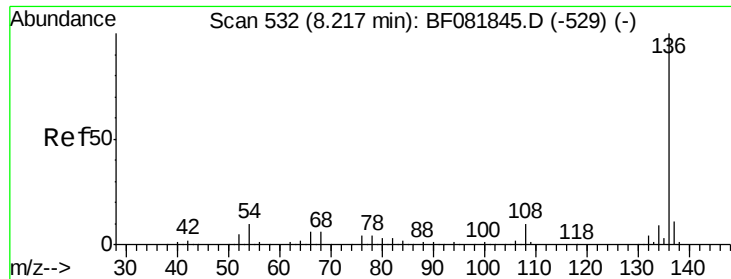
70 100

42 48.5 63.8 95.6#

101 0.0 9.2 13.8#

130 2.4 27.3 40.9#

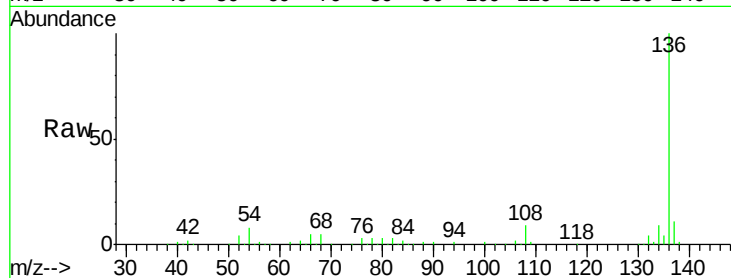




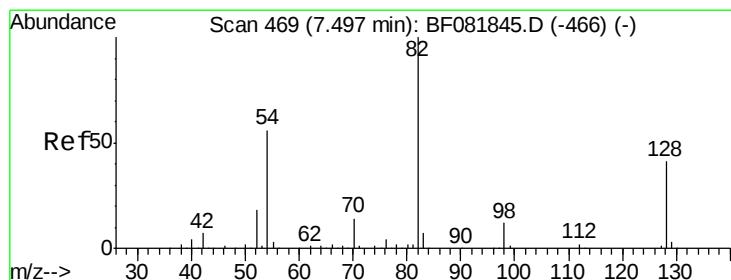
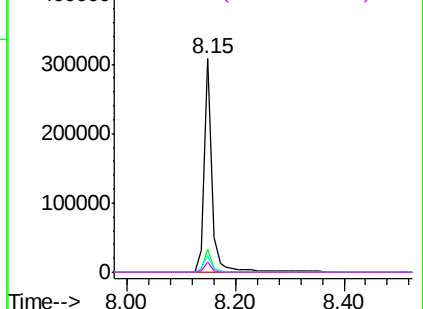
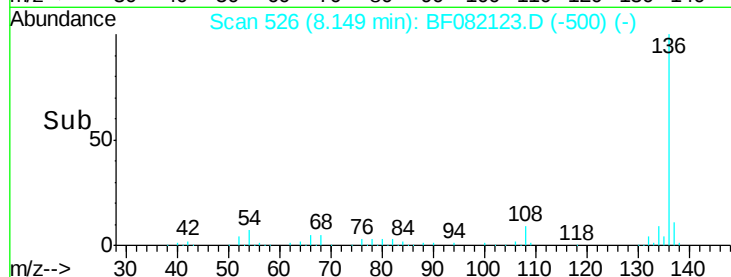
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
OS-SB-28(26-28)

Tot Ion:136 Resp: 306237
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.5 8.2 12.2#
68 4.9 5.8 8.6#

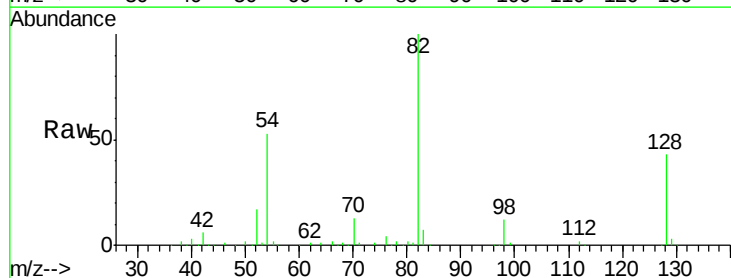


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

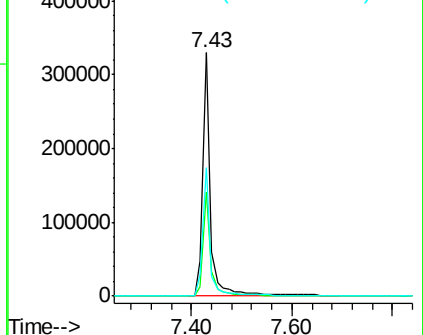
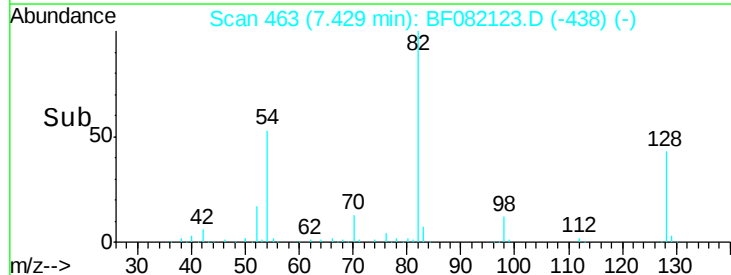


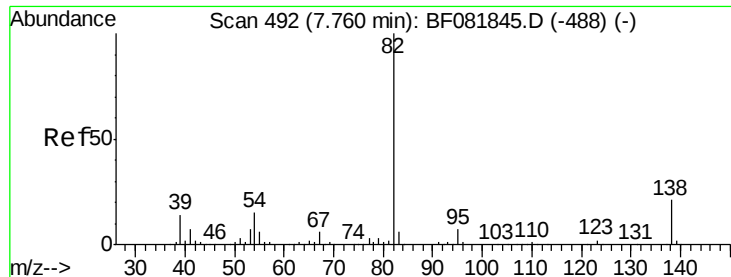
#23
Nitrobenzene-d5
Concen: 78.35 ng
RT: 7.43 min Scan# 463
Delta R.T. -0.01 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

Tgt Ion: 82 Resp: 359923
Ion Ratio Lower Upper
82 100
128 43.0 51.0 76.6#
54 52.9 47.5 71.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 35.48 ng

RT: 7.43 min Scan# 463

Delta R.T. -0.26 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

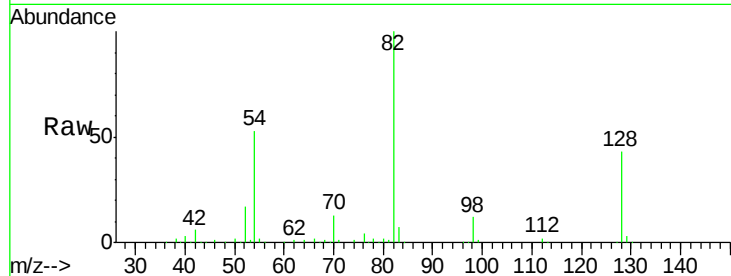
Tot Ion: 82 Resp: 323061

Ion Ratio Lower Upper

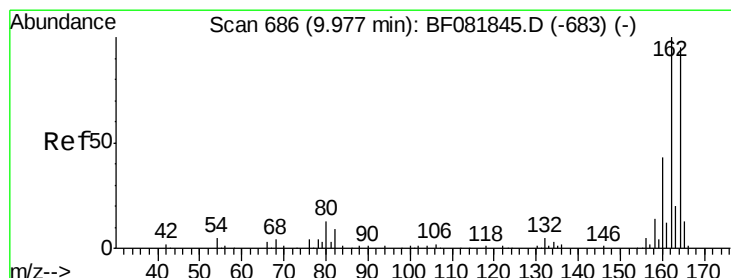
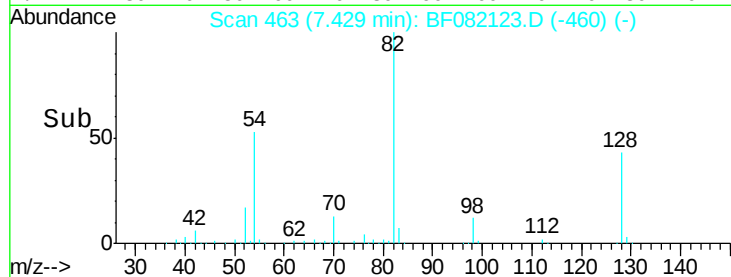
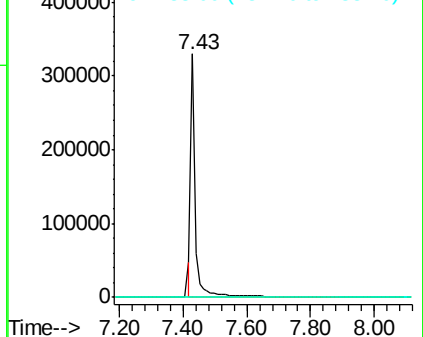
82 100

95 0.0 4.0 6.0#

138 0.0 18.3 27.5#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.91 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

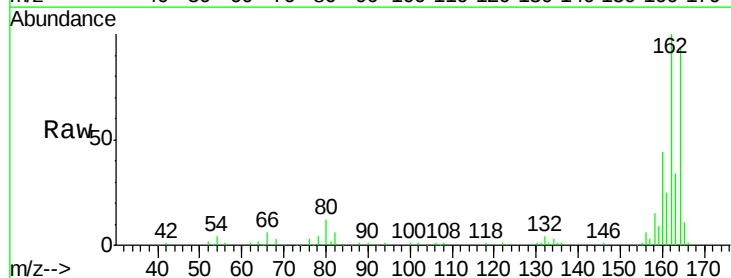
Tgt Ion:164 Resp: 150230

Ion Ratio Lower Upper

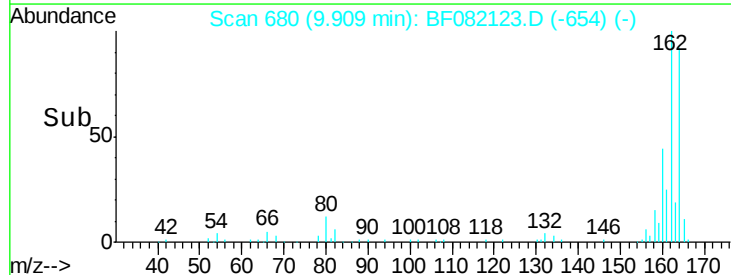
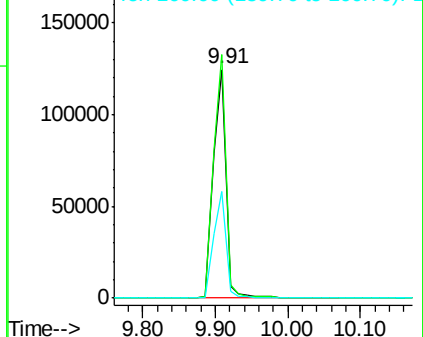
164 100

162 106.5 75.2 112.8

160 46.7 31.5 47.3



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

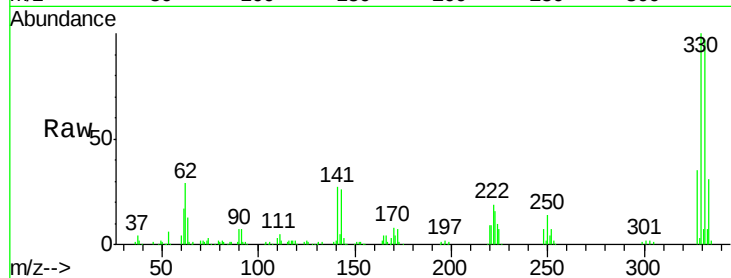




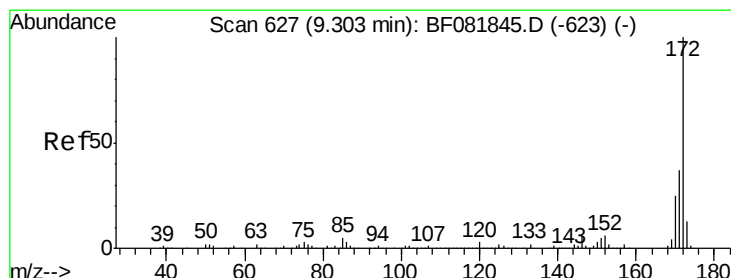
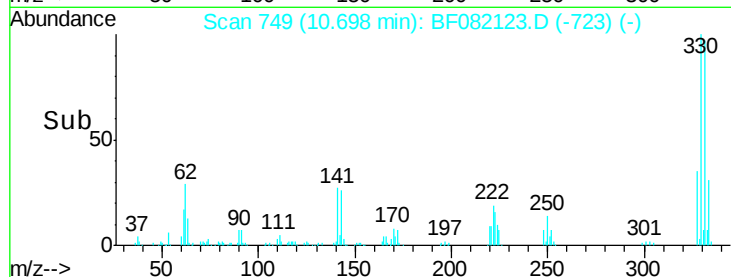
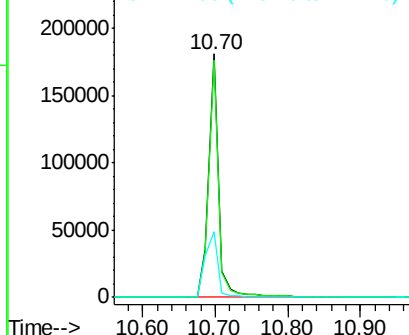
#41
 2,4,6-Tribromophenol
 Concen: 115.96 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.00 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Instrument :
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 ClientSampleId :
 OS-SB-28(26-28)

Tot Ion:330 Resp: 176422
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.6 114.8
 141 34.7 29.7 44.5

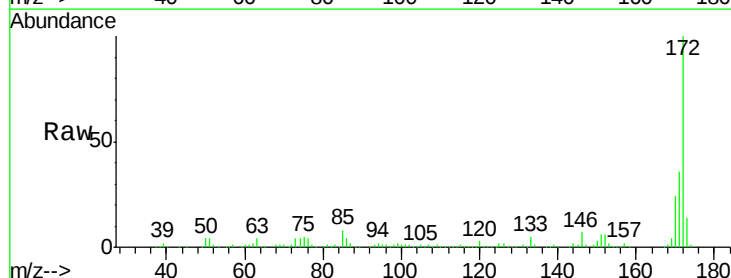


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

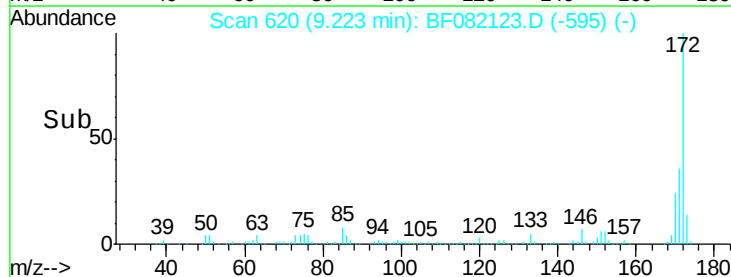
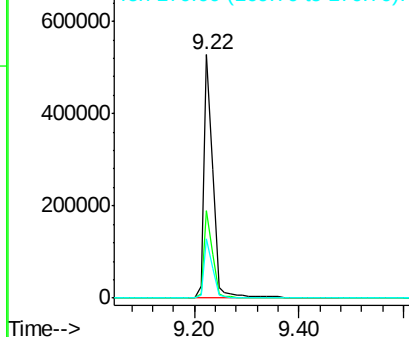


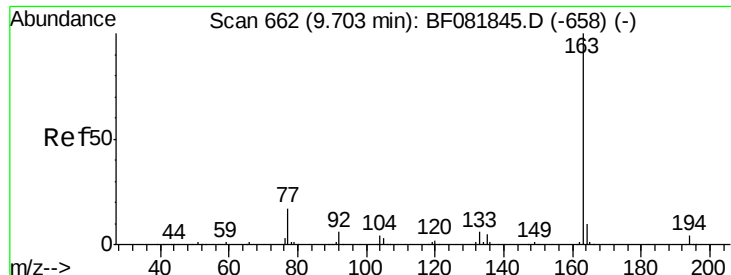
#44
 2-Fluorobiphenyl
 Concen: 67.99 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Tgt Ion:172 Resp: 634643
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.2 17.4 26.2



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

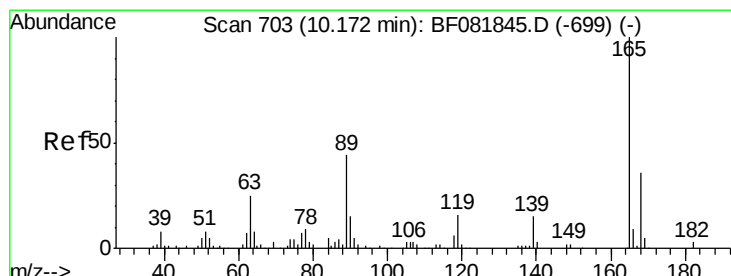
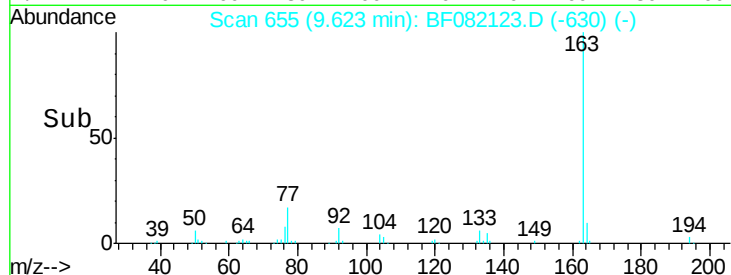
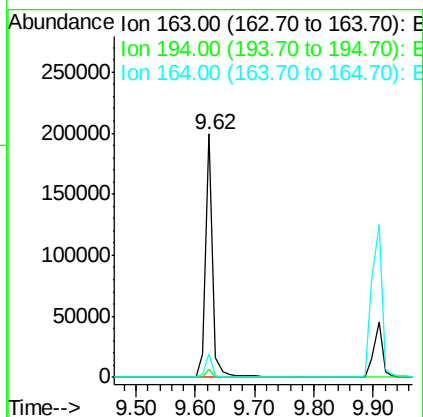
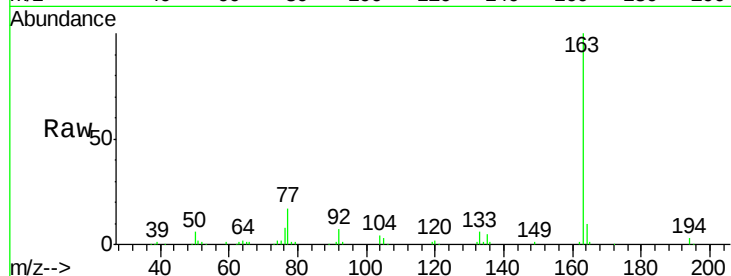




#49
Dimethylphthalate
Concen: 16.65 ng
RT: 9.62 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

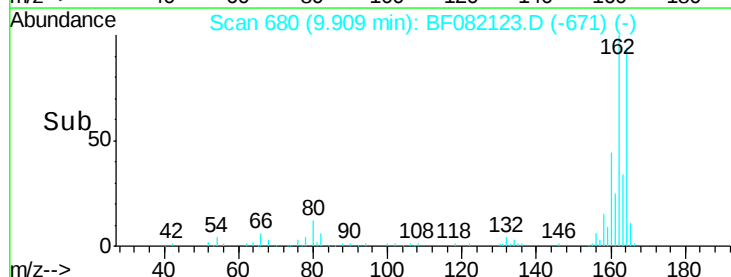
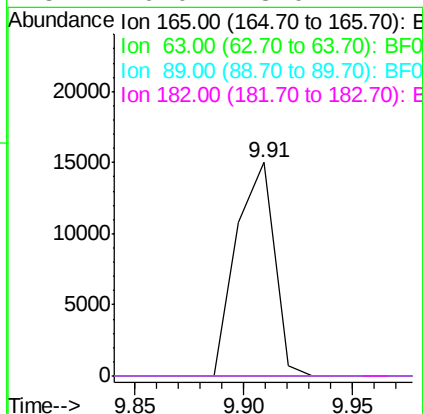
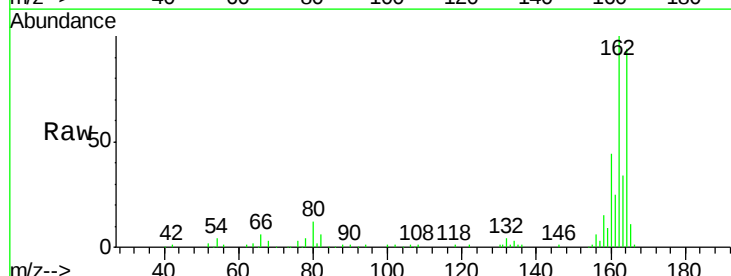
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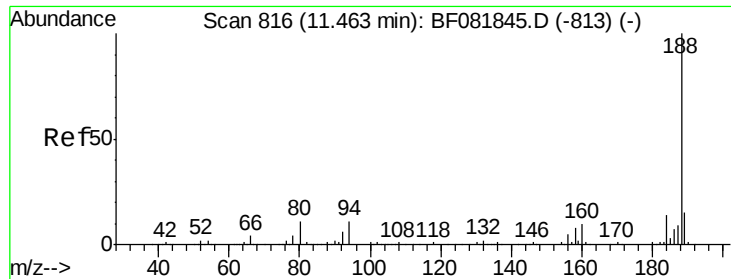
Tot Ion:163 Resp: 172708
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 9.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.34 ng
RT: 9.91 min Scan# 680
Delta R.T. -0.19 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

Tgt Ion:165 Resp: 18200
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

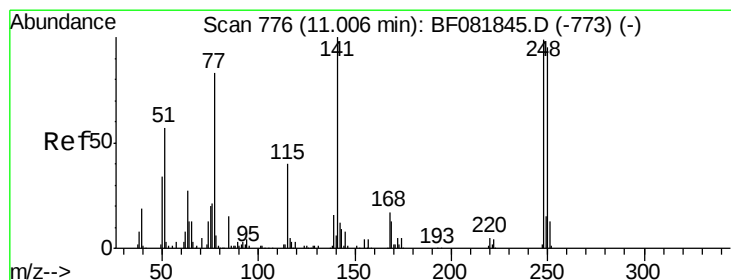
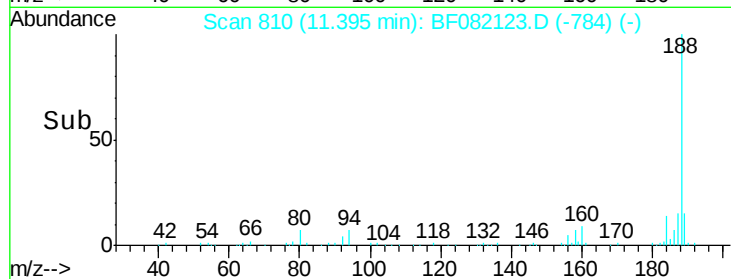
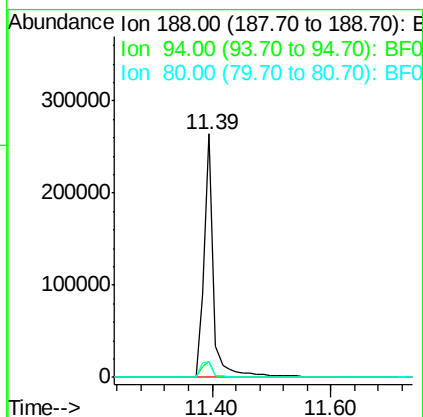
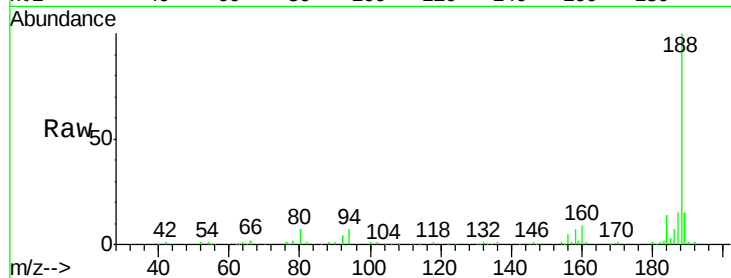




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

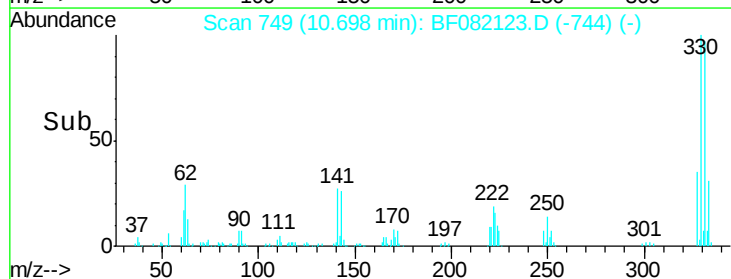
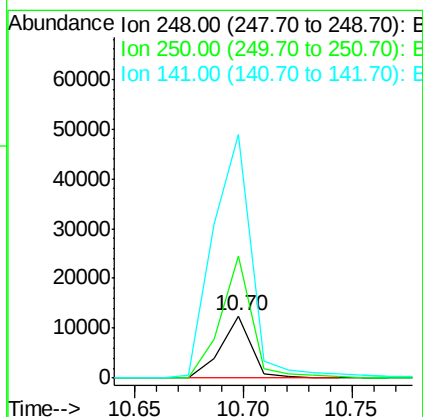
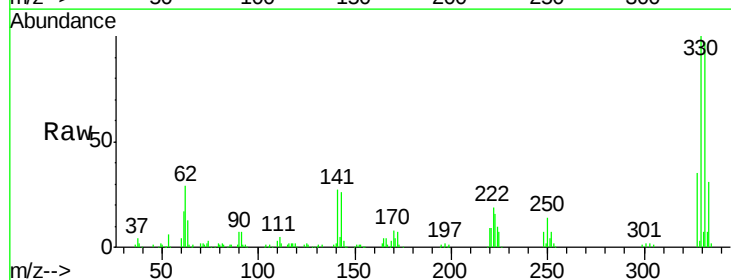
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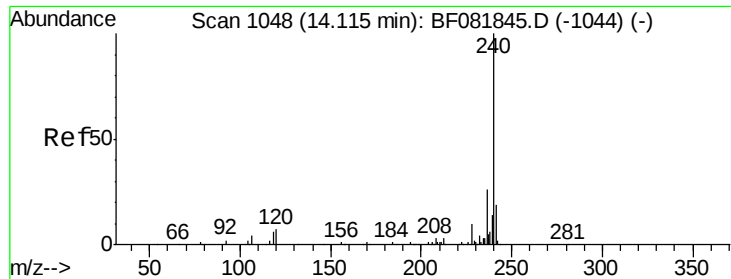
Tot Ion:188 Resp: 304070
 Ion Ratio Lower Upper
 188 100
 94 6.6 11.1 16.7#
 80 6.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.00 ng
 RT: 10.70 min Scan# 749
 Delta R.T. -0.24 min
 Lab File: BF082123.D
 Acq: 8 Oct 2015 12:41

Tgt Ion:248 Resp: 12259
 Ion Ratio Lower Upper
 248 100
 250 196.3 78.5 117.7#
 141 390.5 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

Instrument :

BNA_F

ClientSampleId :

OS-SB-28(26-28)

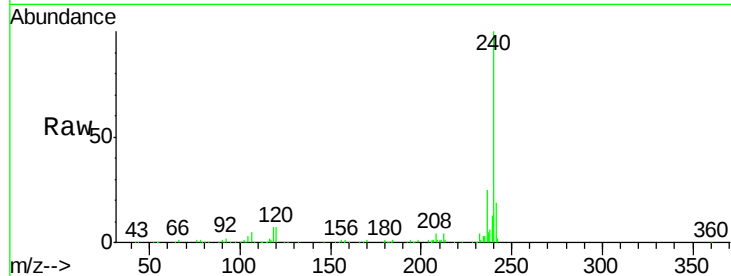
Tot Ion:240 Resp: 283976

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

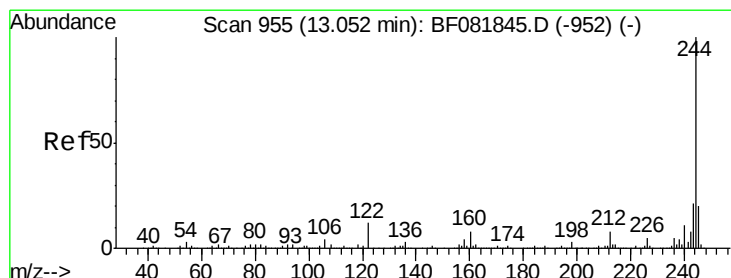
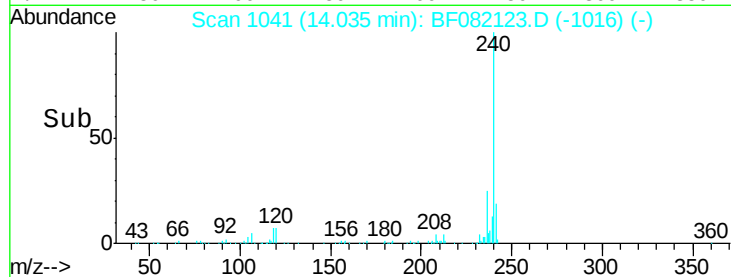
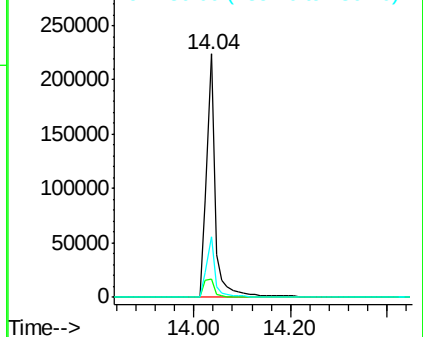
236 25.1 18.4 27.6



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: 72.09 ng

RT: 12.98 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF082123.D

Acq: 8 Oct 2015 12:41

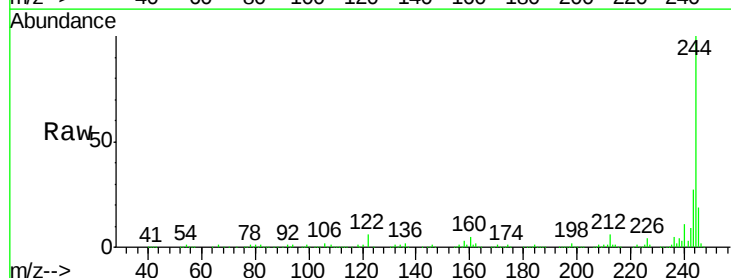
Tgt Ion:244 Resp: 661025

Ion Ratio Lower Upper

244 100

212 6.4 4.3 6.5

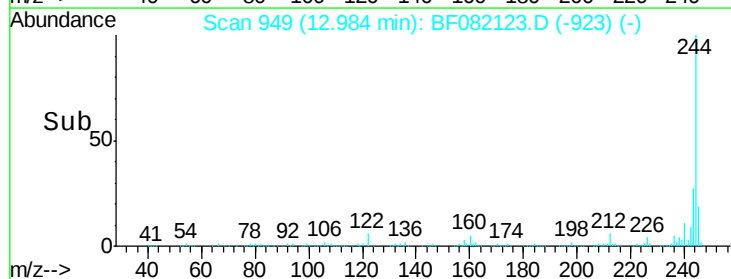
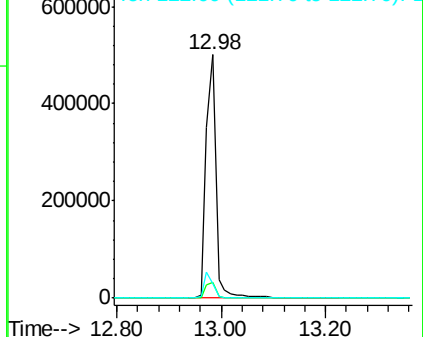
122 6.0 17.4 26.2#

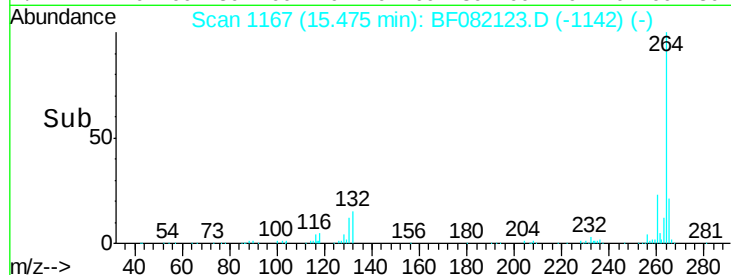
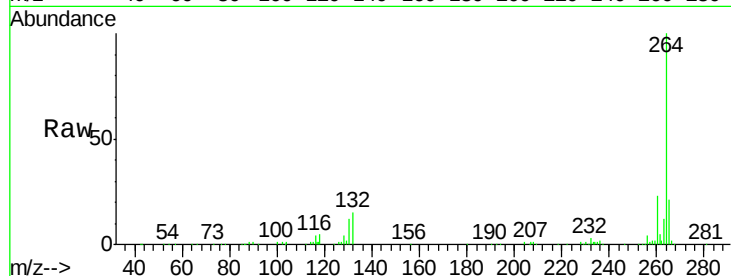
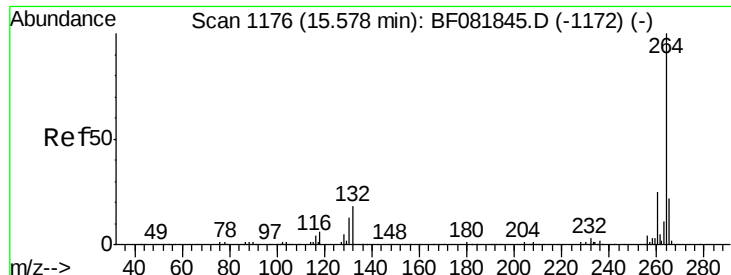


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF082123.D
Acq: 8 Oct 2015 12:41

Instrument :
BNA_F
ClientSampleId :
OS-SB-28(26-28)

Tot Ion:	264	Resp:	215045
Ion	Ratio	Lower	Upper
264	100		
260	23.1	16.7	25.1
265	20.9	17.2	25.8

