

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081932.D
 Acq On : 1 Oct 2015 11:36
 Operator : UM/IZ
 Sample : PB85818BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85818BL

Quant Time: Oct 02 01:53:28 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

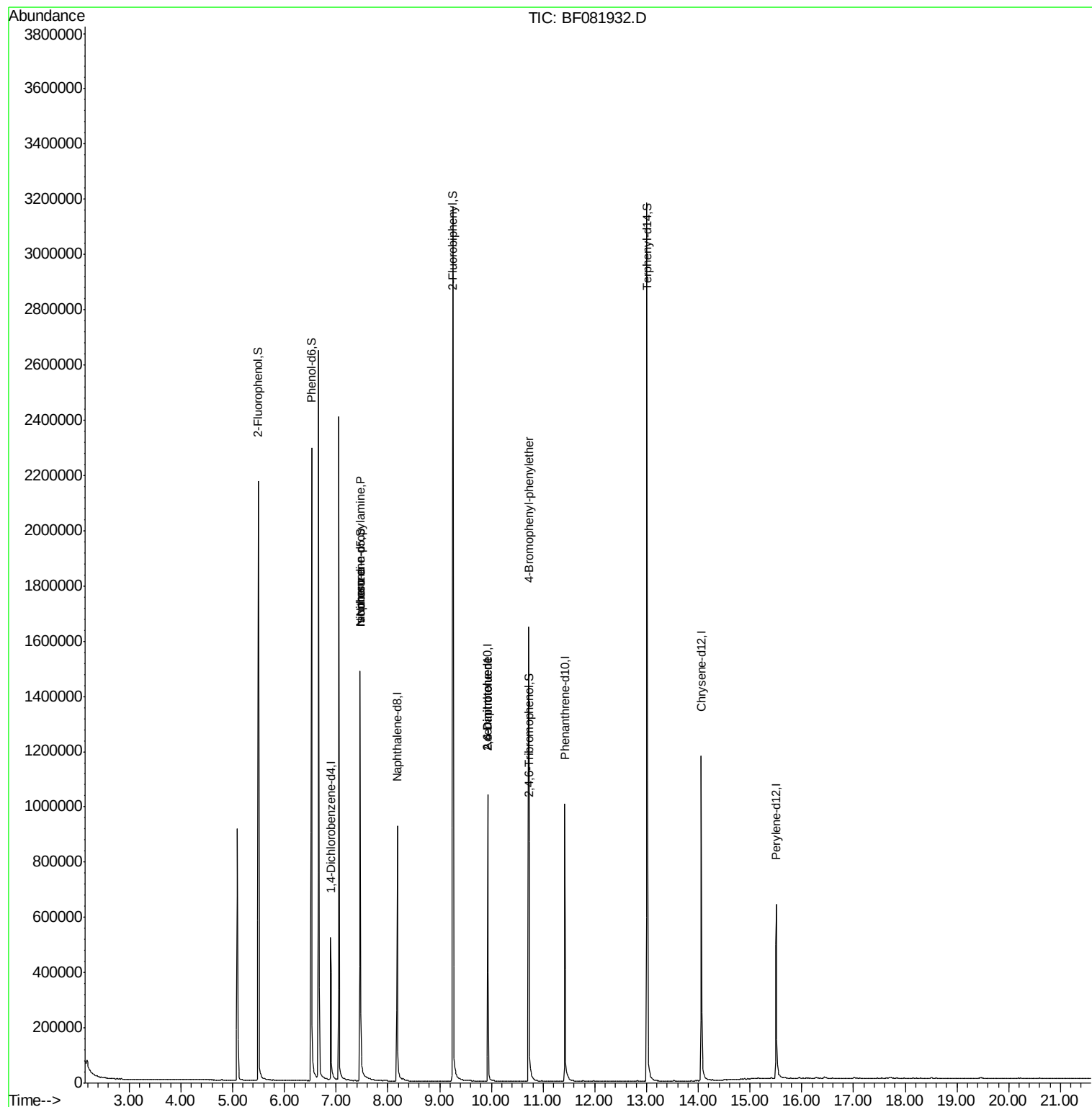
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	128791	20.00	ng	-0.05
21) Naphthalene-d8	8.18	136	514464	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	240690	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	493280	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	504619	20.00	ng	-0.06
86) Perylene-d12	15.51	264	396040	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	700914	98.79	ng	-0.02
7) Phenol-d6	6.53	99	941817	105.50	ng	-0.03
23) Nitrobenzene-d5	7.46	82	609100	78.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	285097	116.96	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1169577	80.47	ng	-0.05
78) Terphenyl-d14	13.01	244	1245139	77.87	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	76862	14.17	ng	# 56
25) Isophorone	7.46	82	501878	32.81	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	29643	8.22	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	29646	6.45	ng	# 33
57) Fluorene	10.72	166	10619	Below	Cal	# 80
66) 4-Bromophenyl-phenylether	10.72	248	17520	3.52	ng	# 1
73) Di-n-butylphthalate	11.98	149	4695	Below	Cal	# 95

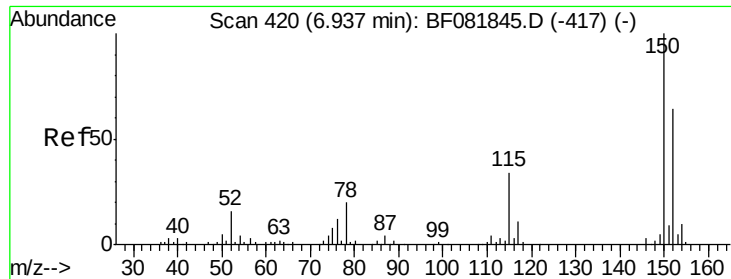
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 416

Delta R.T. -0.05 min

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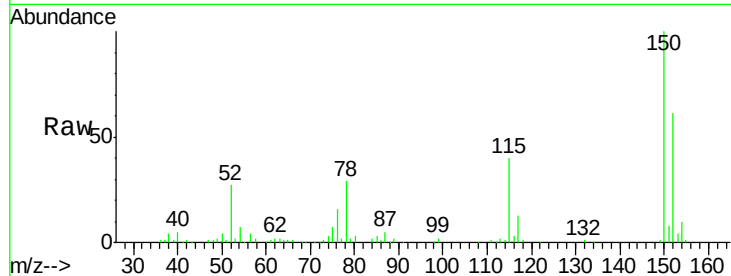
Tgt Ion:152 Resp: 128791

Ion Ratio Lower Upper

152 100

150 163.0 124.7 187.1

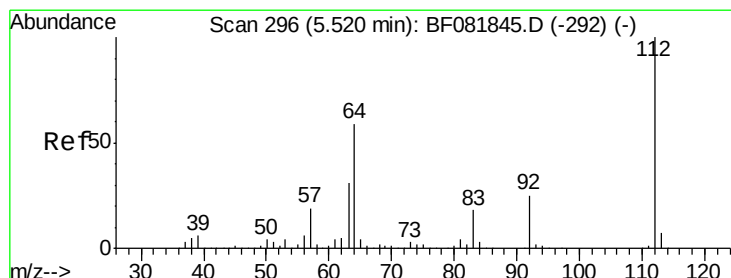
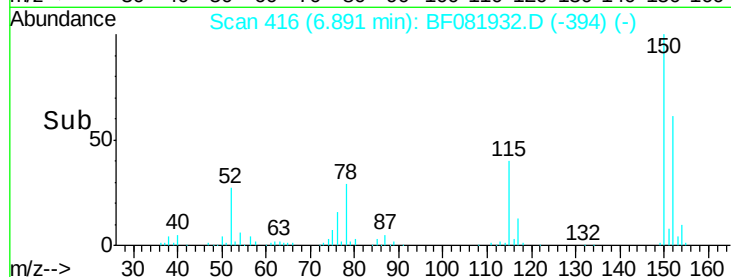
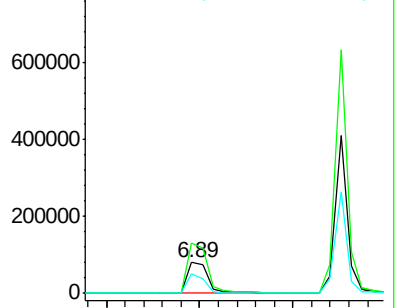
115 65.3 39.0 58.4#



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: 98.79 ng

RT: 5.50 min Scan# 294

Delta R.T. -0.02 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

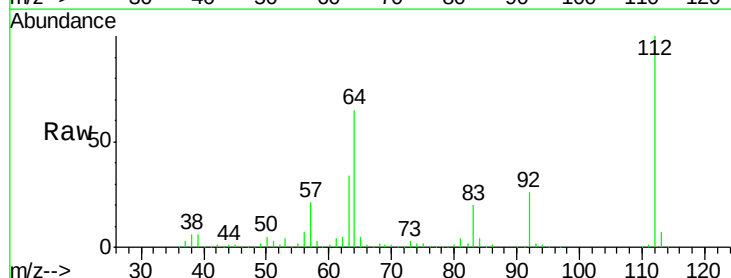
Tgt Ion:112 Resp: 700914

Ion Ratio Lower Upper

112 100

64 64.8 39.7 59.5#

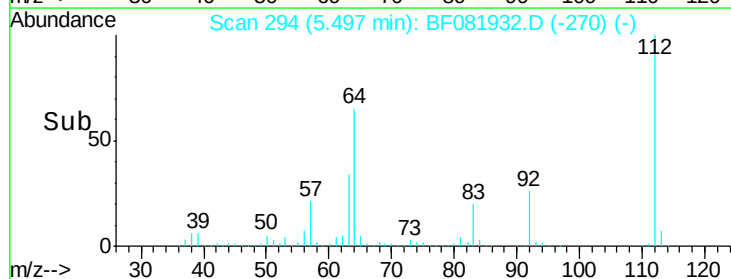
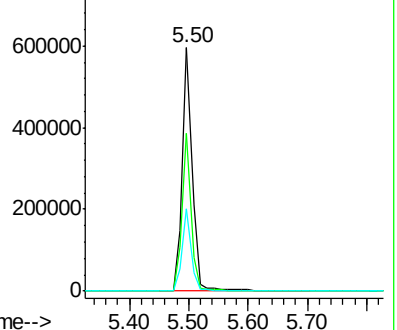
63 34.1 17.4 26.0#

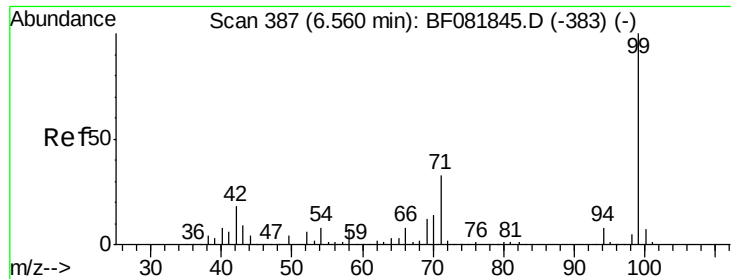


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 105.50 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

Instrument :

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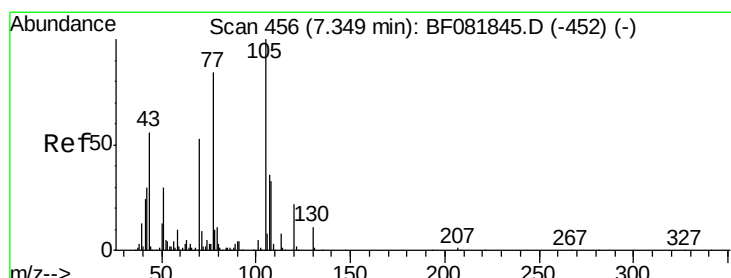
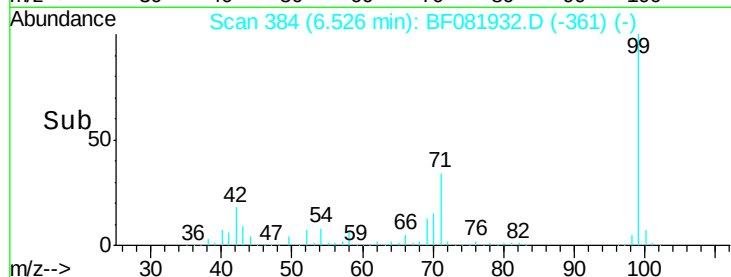
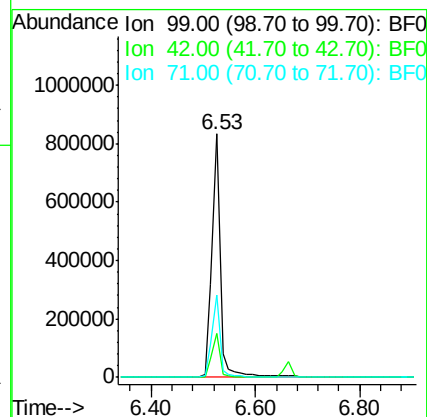
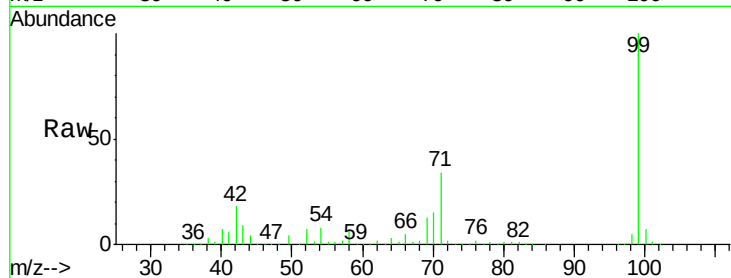
Tgt Ion: 99 Resp: 941817

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

71 33.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 14.17 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

Tgt Ion: 70 Resp: 76862

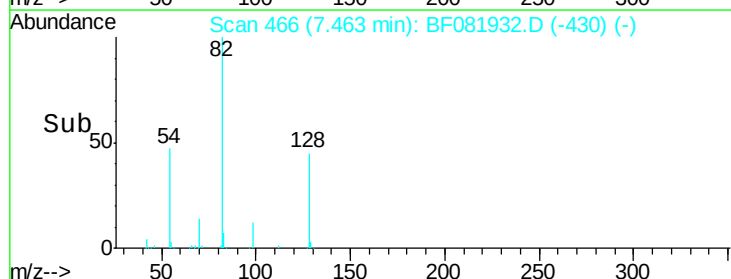
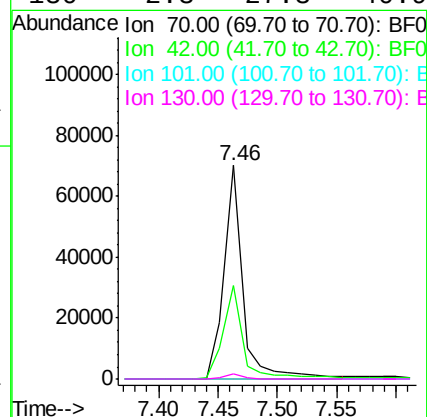
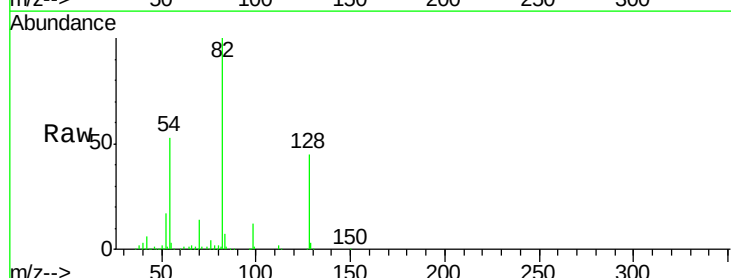
Ion Ratio Lower Upper

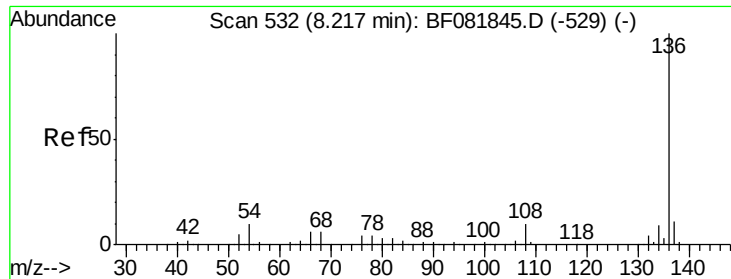
70 100

42 43.8 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

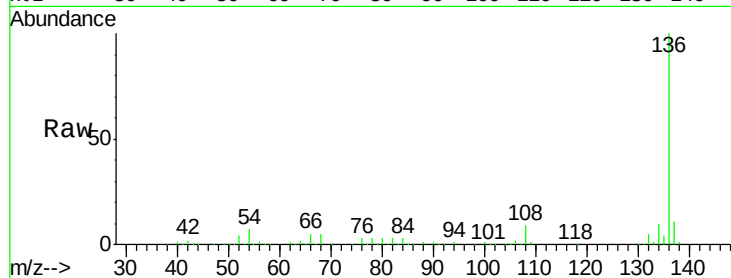




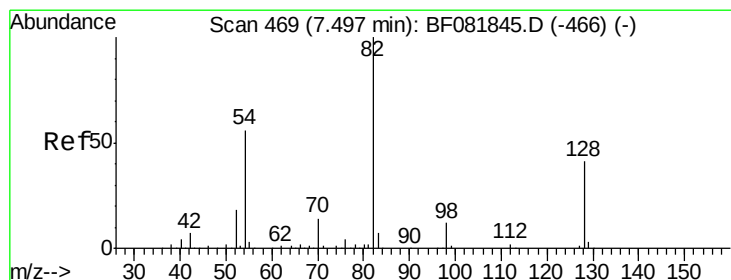
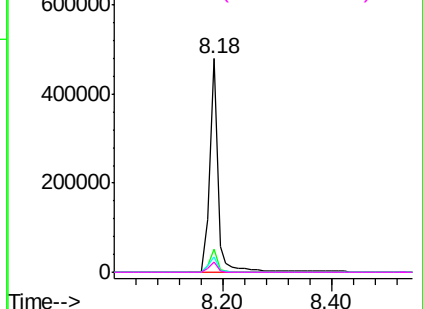
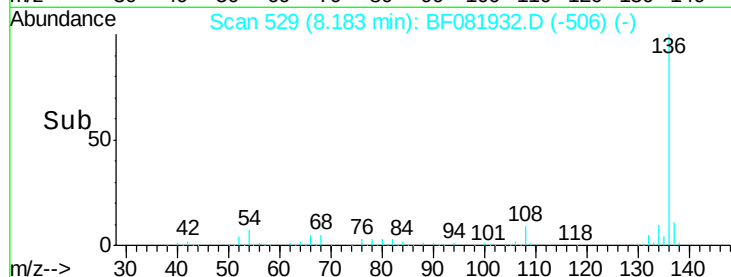
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081932.D
Acq: 1 Oct 2015 11:36

Instrument :
BNA_F
ClientSampleId :
PB85818BL

Tgt Ion: 136 Resp: 514464
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 7.5 8.2 12.2#
68 5.1 5.8 8.6#

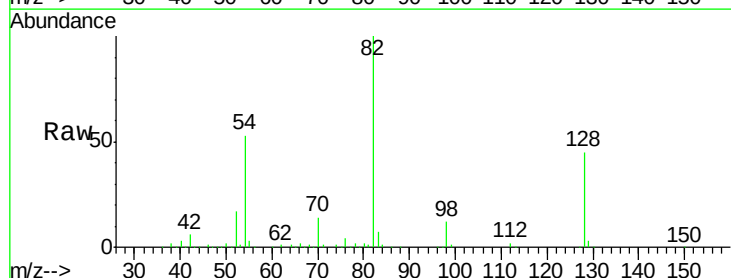


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

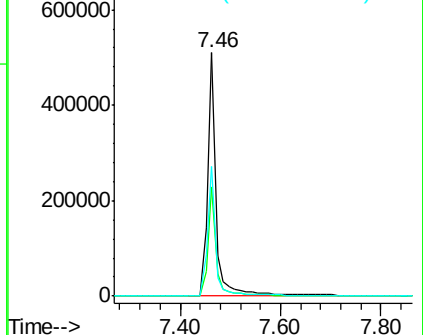
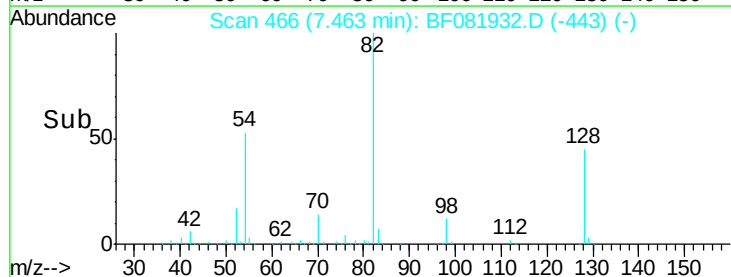


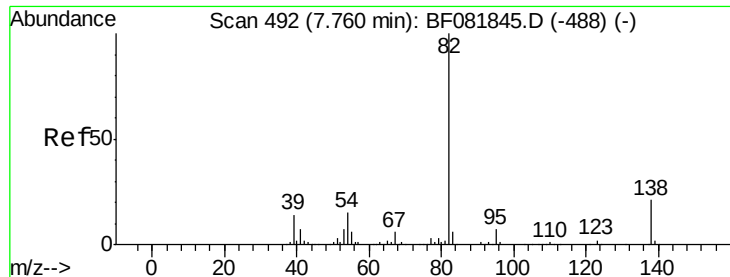
#23
Nitrobenzene-d5
Concen: 78.92 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081932.D
Acq: 1 Oct 2015 11:36

Tgt Ion: 82 Resp: 609100
Ion Ratio Lower Upper
82 100
128 44.6 51.0 76.6#
54 53.4 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: 32.81 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

Instrument :

BNA_F

ClientSampleId :

PB85818BL

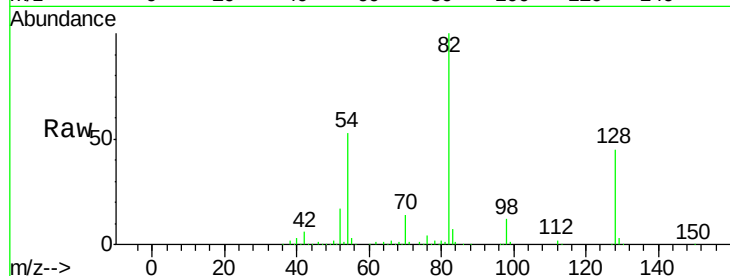
Tgt Ion: 82 Resp: 501878

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

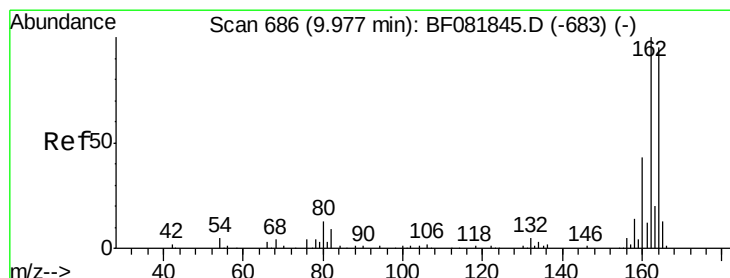
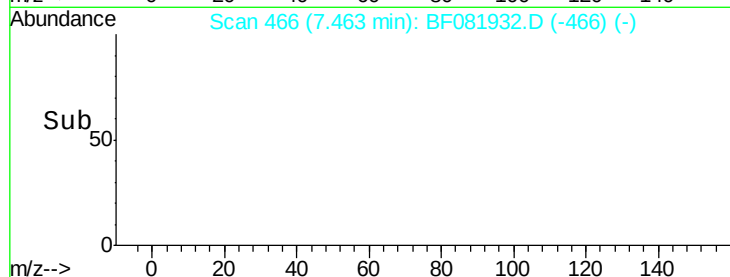
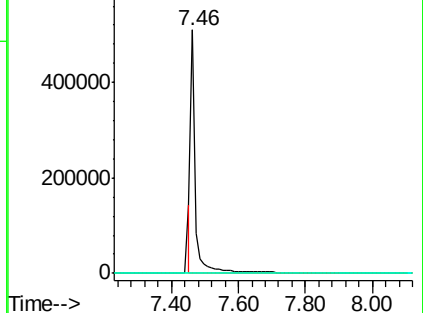
138 0.0 18.3 27.5#



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: 9.93 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

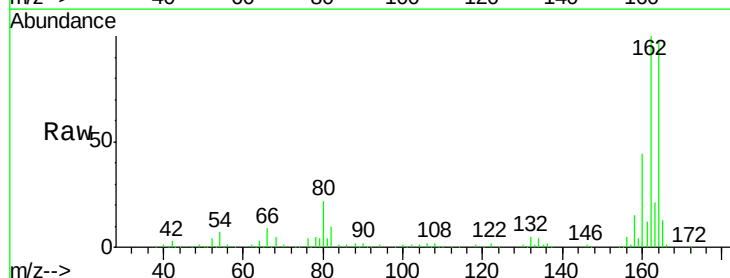
Tgt Ion: 164 Resp: 240690

Ion Ratio Lower Upper

164 100

162 102.4 75.2 112.8

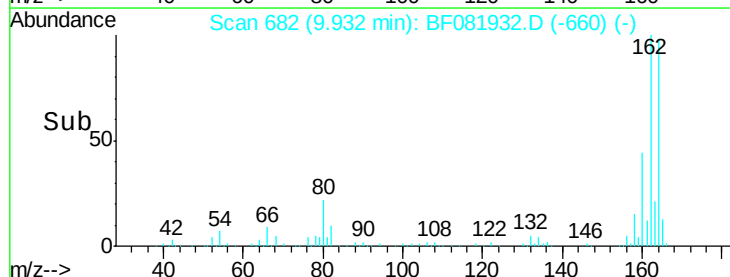
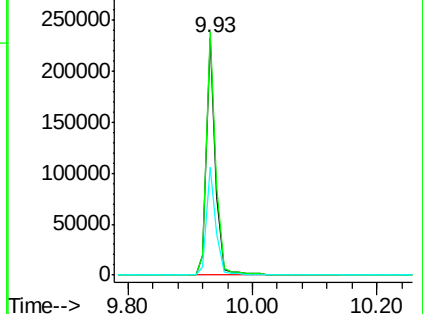
160 45.5 31.5 47.3

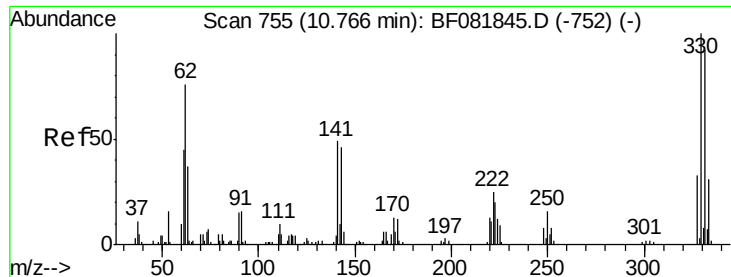


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

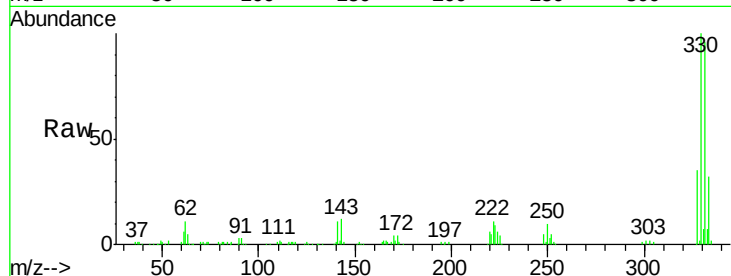




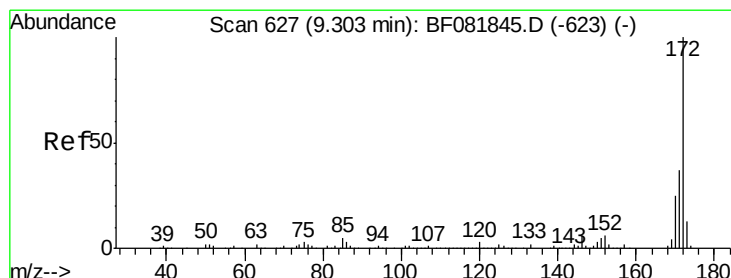
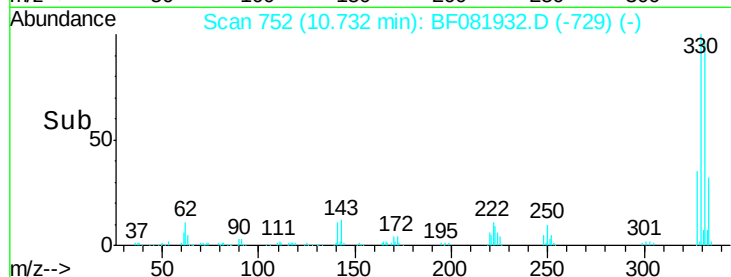
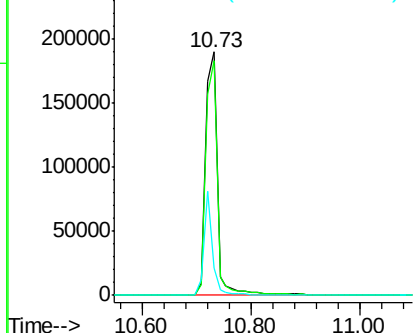
#41
 2,4,6-Tribromophenol
 Concen: 116.96 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

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Tgt Ion:330 Resp: 285097
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 31.1 29.7 44.5

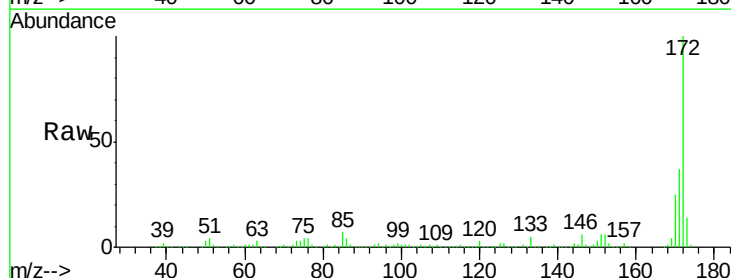


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

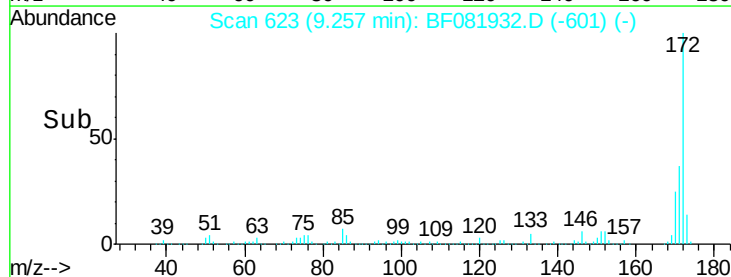
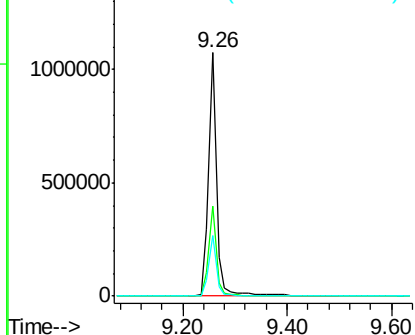


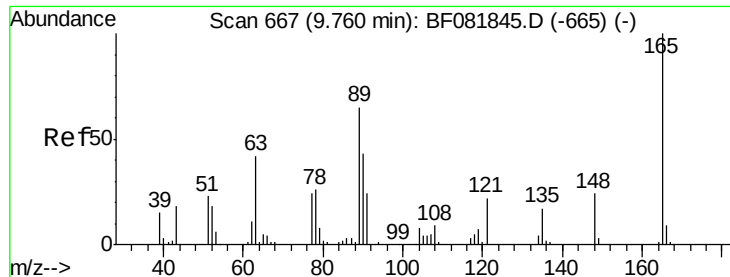
#44
 2-Fluorobiphenyl
 Concen: 80.47 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

Tgt Ion:172 Resp: 1169577
 Ion Ratio Lower Upper
 172 100
 171 36.8 26.1 39.1
 170 24.7 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

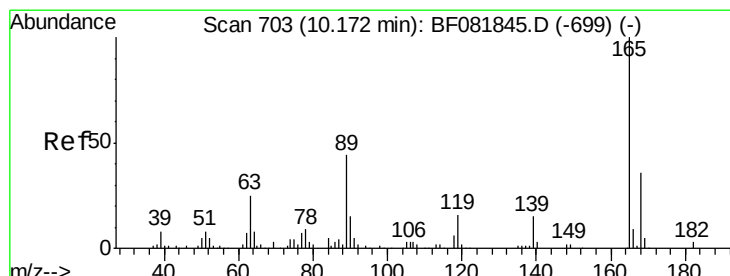
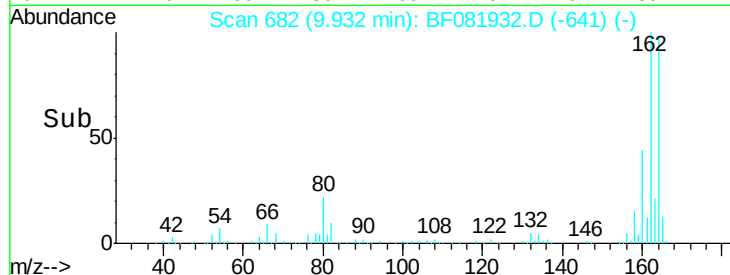
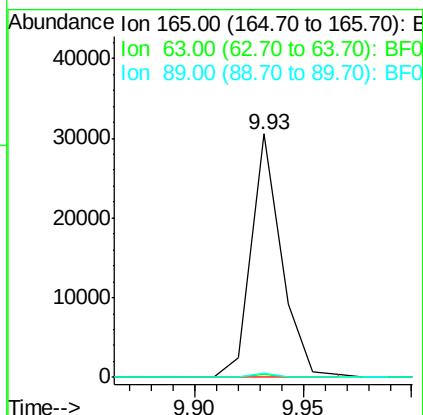
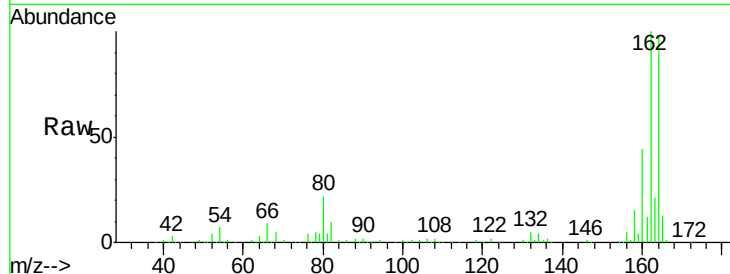




#50
 2,6-Dinitrotoluene
 Concen: 8.22 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

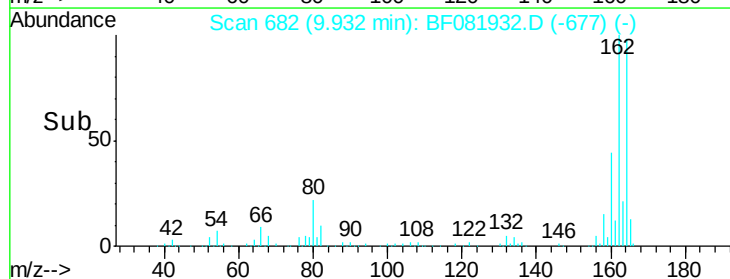
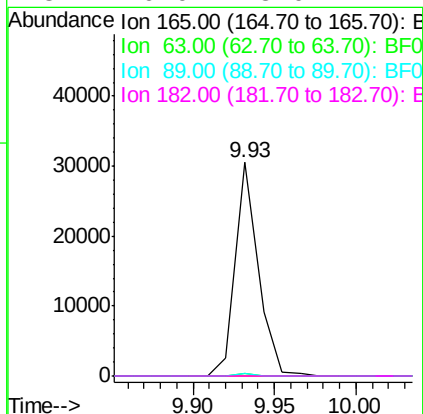
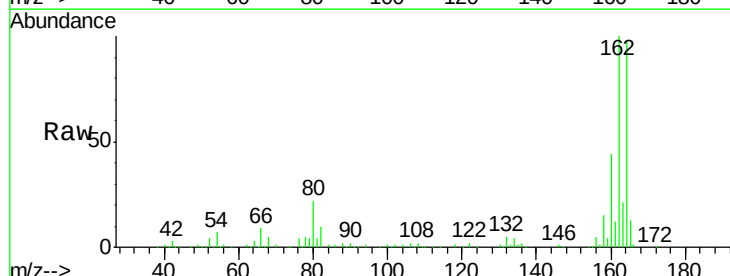
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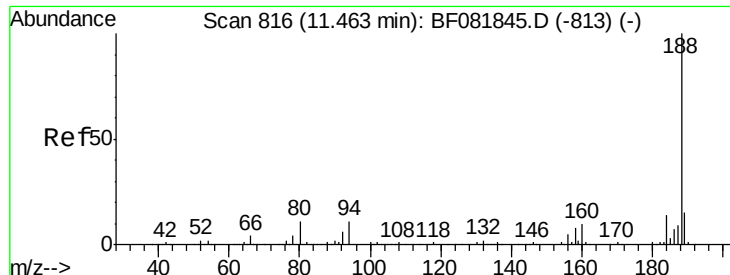
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.5	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.45 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.5	44.5	66.7#
182	0.0	3.0	4.4#

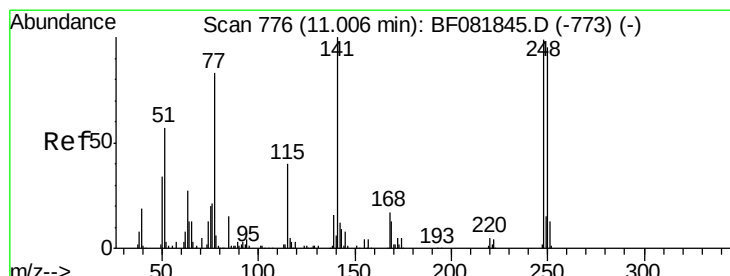
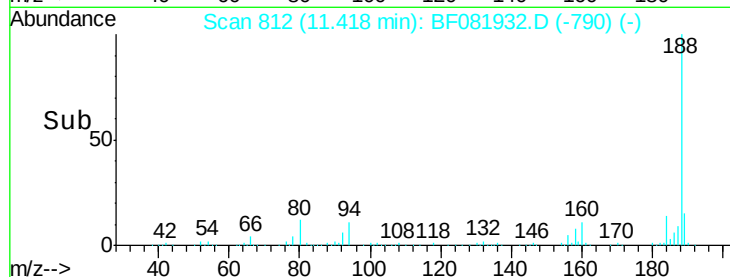
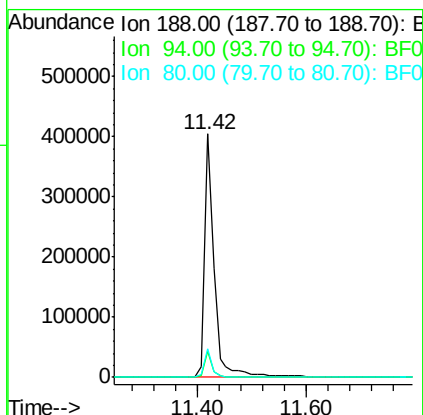
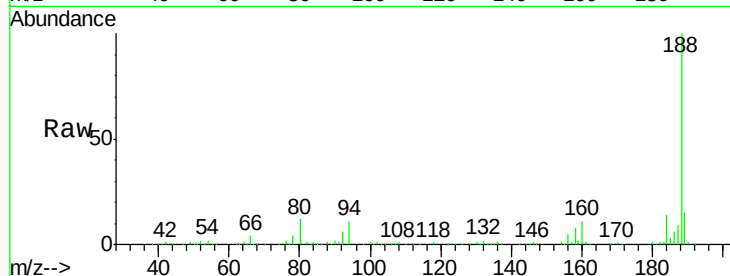




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

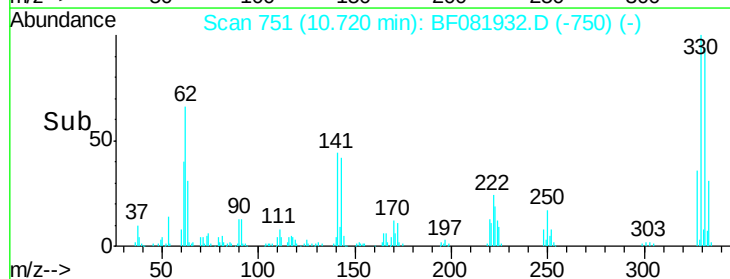
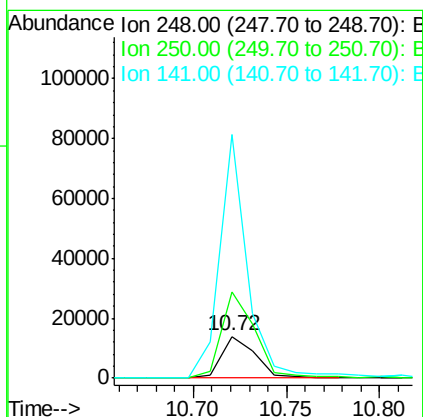
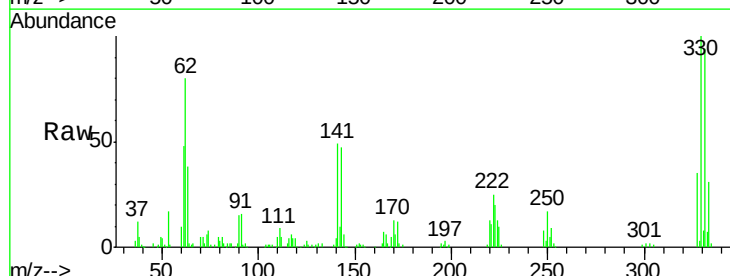
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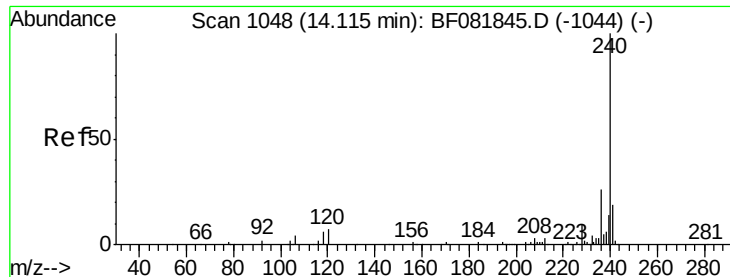
Tgt Ion:188 Resp: 493280
 Ion Ratio Lower Upper
 188 100
 94 10.8 11.1 16.7#
 80 11.5 11.0 16.4



#66
 4-Bromophenyl-phenylether
 Concen: 3.52 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081932.D
 Acq: 1 Oct 2015 11:36

Tgt Ion:248 Resp: 17520
 Ion Ratio Lower Upper
 248 100
 250 204.6 78.5 117.7#
 141 580.6 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.06 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

Instrument :

BNA_F

ClientSampleId :

PB85818BL

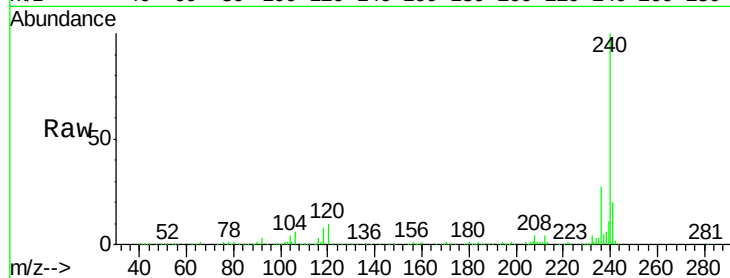
Tgt Ion:240 Resp: 504619

Ion Ratio Lower Upper

240 100

120 9.7 16.2 24.2#

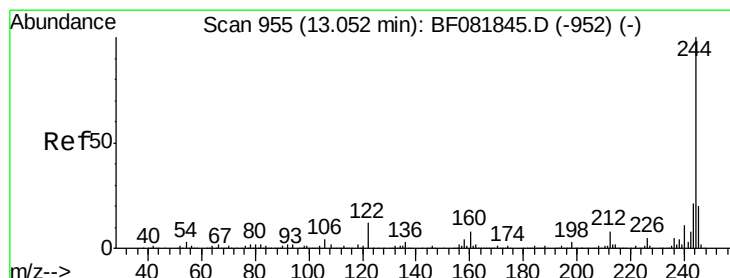
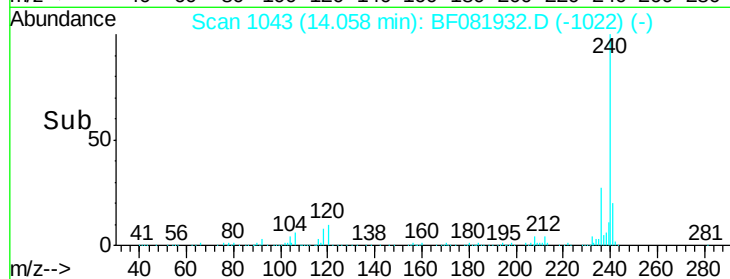
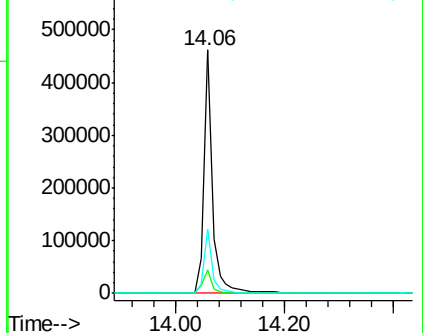
236 26.6 18.4 27.6



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: 77.87 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081932.D

Acq: 1 Oct 2015 11:36

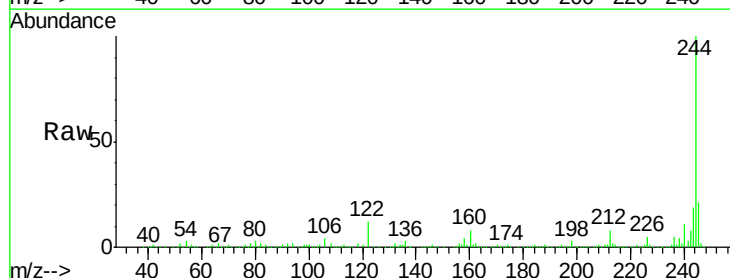
Tgt Ion:244 Resp: 1245139

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

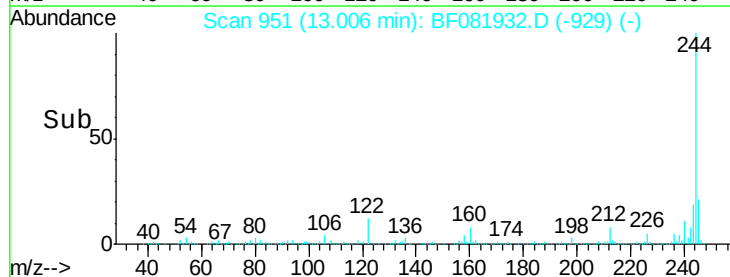
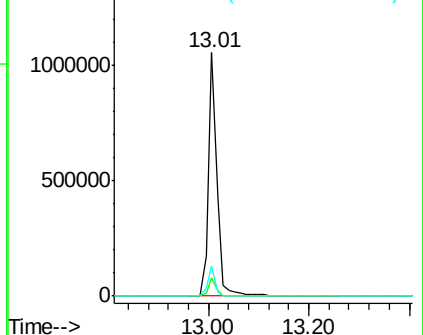
122 12.1 17.4 26.2#

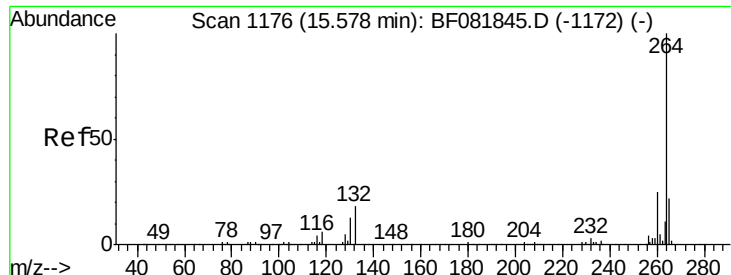


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

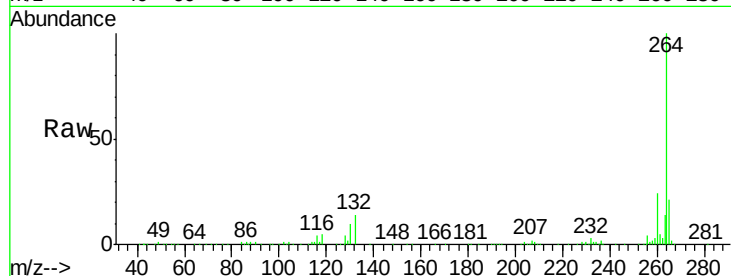




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.51 min Scan# 1170
Delta R.T. -0.07 min
Lab File: BF081932.D
Acq: 1 Oct 2015 11:36

Instrument :
BNA_F
ClientSampleId :
PB85818BL

Tgt Ion: 264 Resp: 396040
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.2 17.2 25.8



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

