

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100115\
 Data File : BF081967.D
 Acq On : 2 Oct 2015 5:16
 Operator : UM/IZ
 Sample : G3875-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Quant Time: Oct 02 08:32:50 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

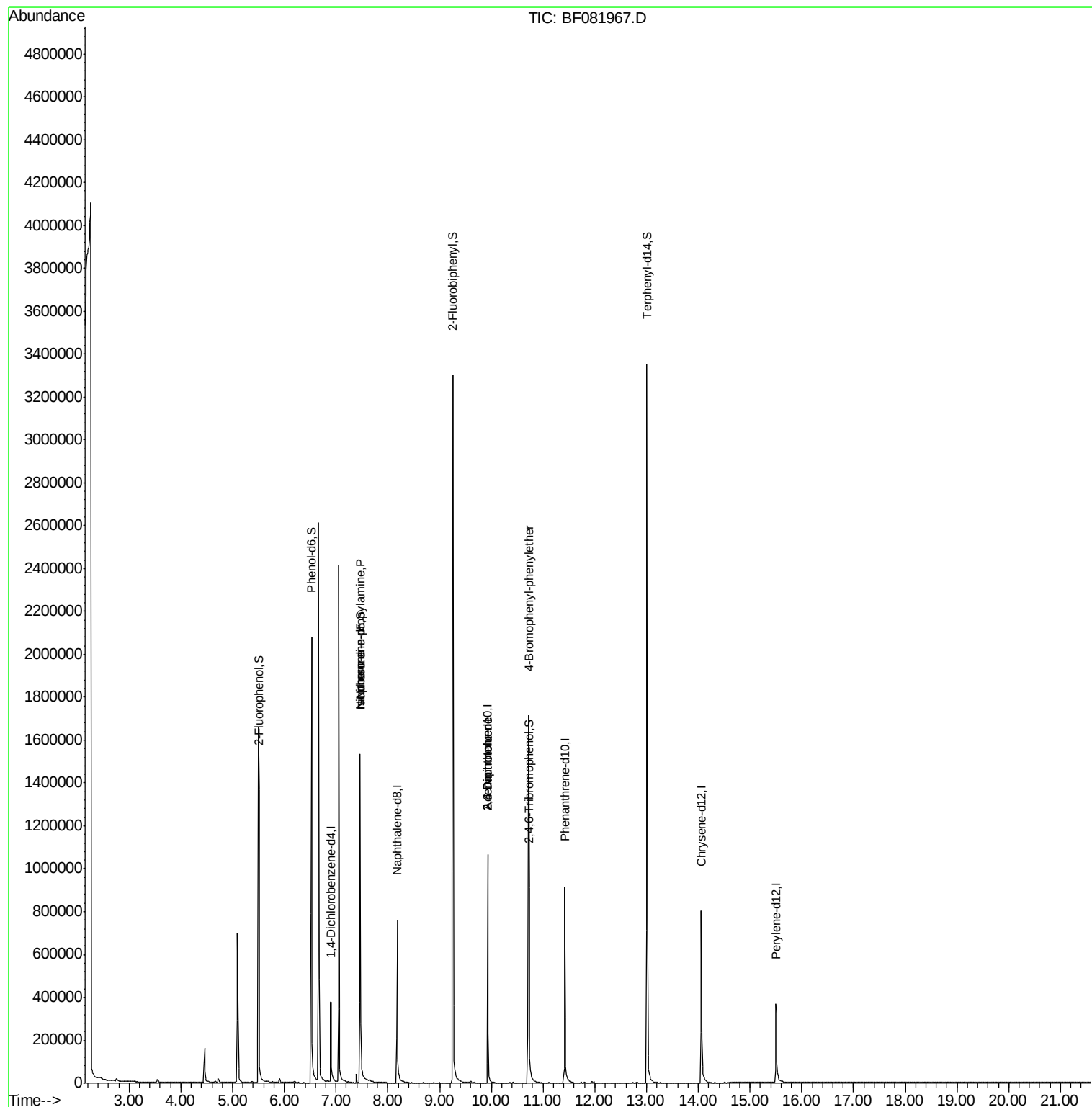
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	112872	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	451522	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	229297	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	458318	20.00	ng	-0.05
75) Chrysene-d12	14.06	240	410669	20.00	ng	-0.06
86) Perylene-d12	15.50	264	260322	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	711470	114.43	ng	-0.01
7) Phenol-d6	6.53	99	846529	108.20	ng	-0.03
23) Nitrobenzene-d5	7.46	82	638250	94.23	ng	-0.03
41) 2,4,6-Tribromophenol	10.73	330	303983	130.90	ng	-0.03
44) 2-Fluorobiphenyl	9.26	172	1216856	89.78	ng	-0.05
78) Terphenyl-d14	13.01	244	1232781	102.82	ng	-0.05
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	78731	16.56	ng	# 58
25) Isophorone	7.46	82	547661	40.79	ng	# 58
50) 2,6-Dinitrotoluene	9.93	165	28468	8.28	ng	# 39
56) 2,4-Dinitrotoluene	9.93	165	28941	6.61	ng	# 33
57) Fluorene	10.72	166	11089	Below Cal	#	82
66) 4-Bromophenyl-phenylether	10.72	248	18895	4.09	ng	# 1
70) Phenanthrene	11.44	178	1160	Below Cal	#	62
73) Di-n-butylphthalate	11.98	149	4574	Below Cal	#	96

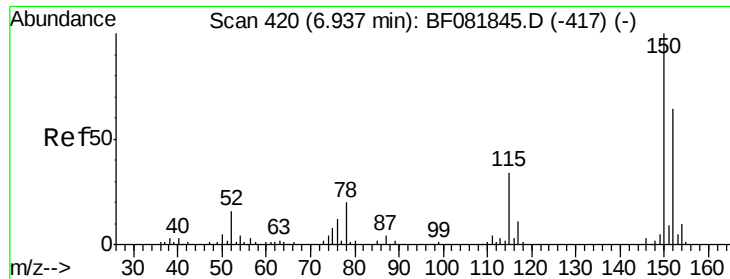
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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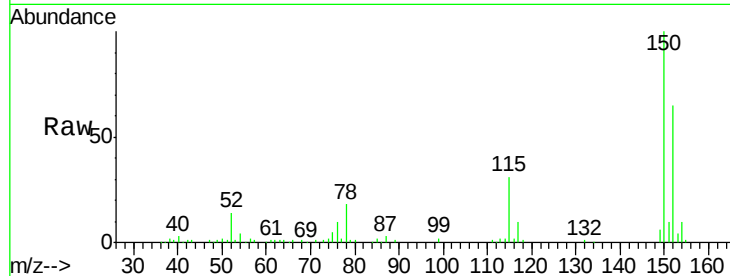


#1

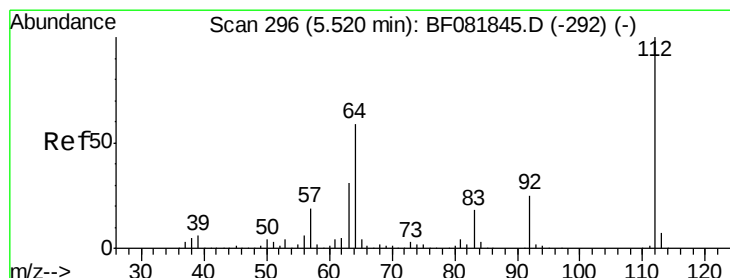
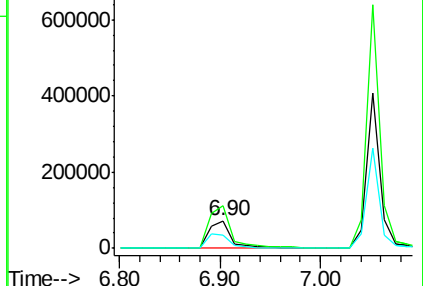
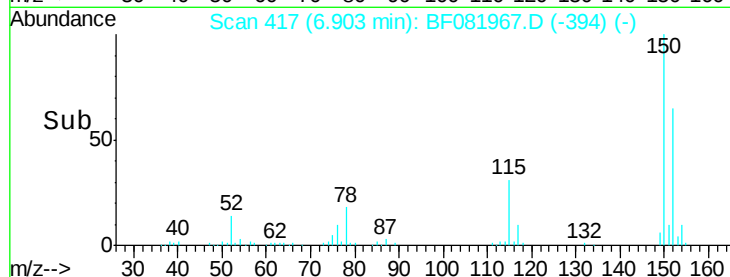
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 417
 Delta R.T. -0.03 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

Tgt Ion:152 Resp: 112872
 Ion Ratio Lower Upper
 152 100
 150 153.4 124.7 187.1
 115 47.6 39.0 58.4



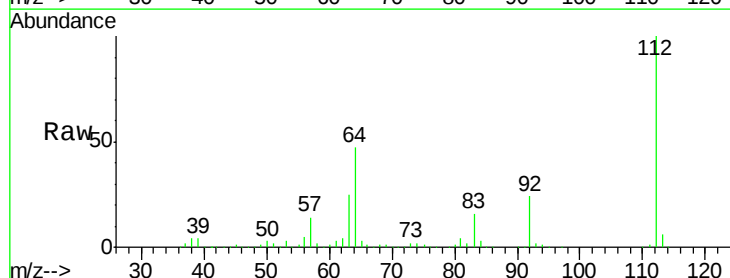
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



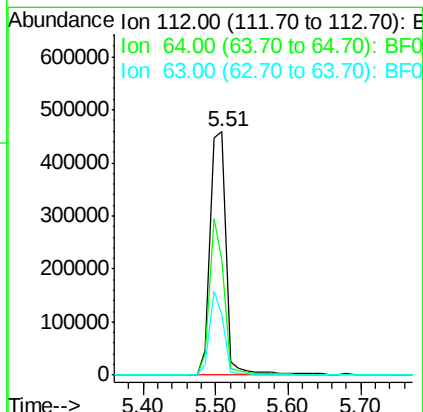
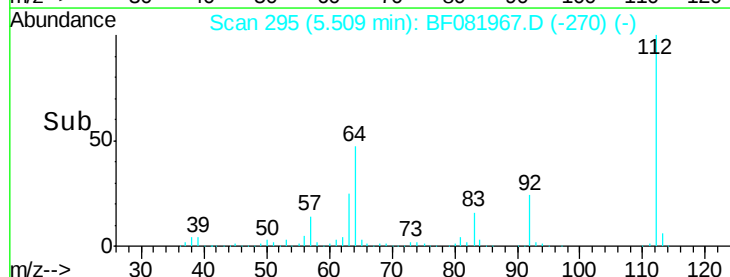
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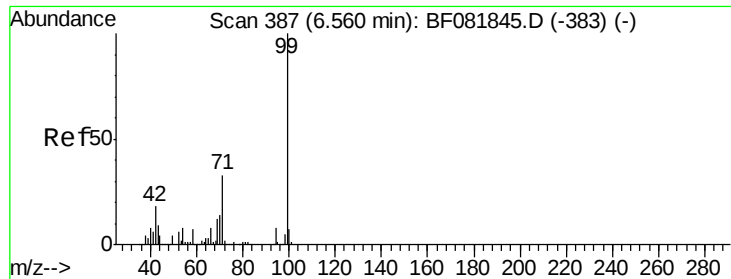
2-Fluorophenol
 Concen: 114.43 ng
 RT: 5.51 min Scan# 295
 Delta R.T. -0.01 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

Tgt Ion:112 Resp: 711470
 Ion Ratio Lower Upper
 112 100
 64 47.4 39.7 59.5
 63 24.7 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: 108.20 ng

RT: 6.53 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF081967.D

Acq: 2 Oct 2015 5:16

Instrument :

BNA_F

ClientSampleId :

A6-COMP

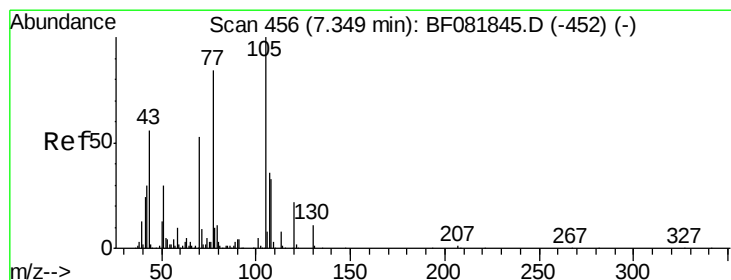
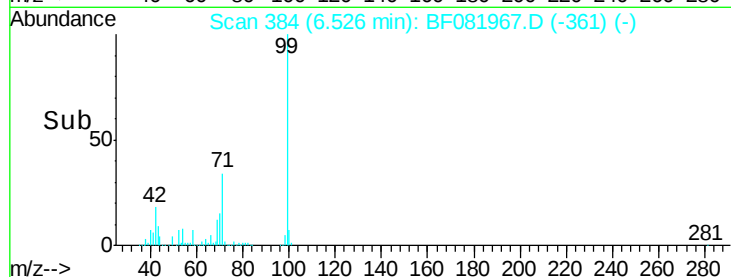
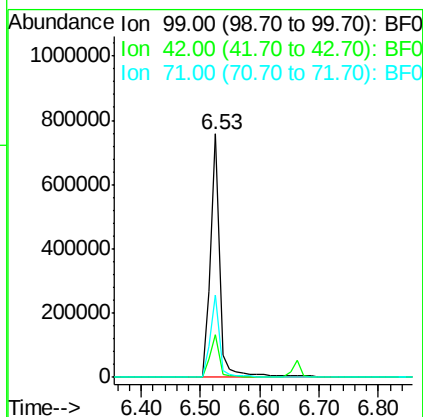
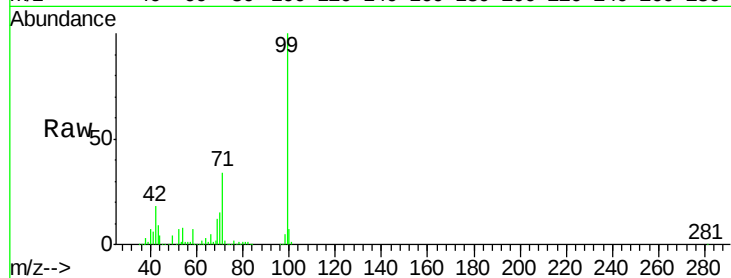
Tgt Ion: 99 Resp: 846529

Ion Ratio Lower Upper

99 100

42 17.7 13.7 20.5

71 34.0 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 16.56 ng

RT: 7.46 min Scan# 466

Delta R.T. 0.11 min

Lab File: BF081967.D

Acq: 2 Oct 2015 5:16

Tgt Ion: 70 Resp: 78731

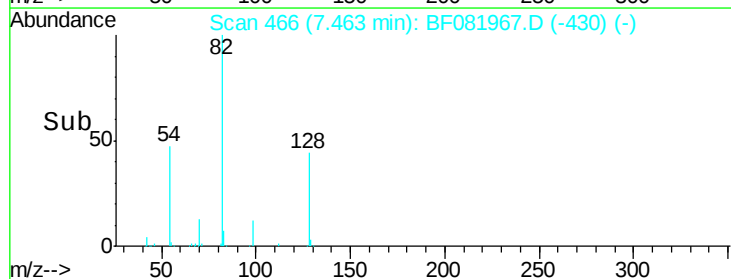
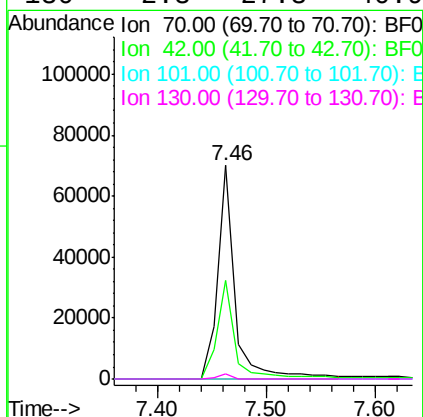
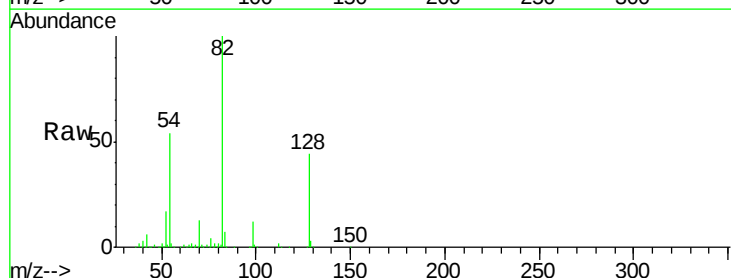
Ion Ratio Lower Upper

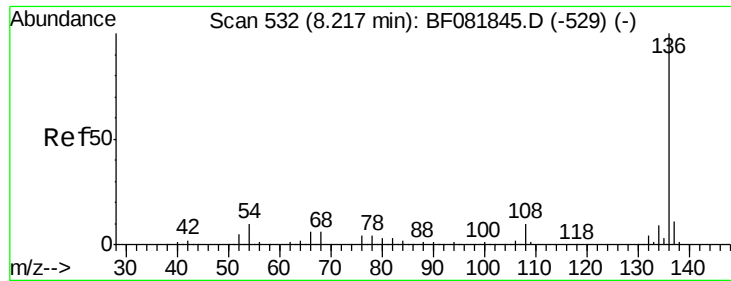
70 100

42 46.2 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

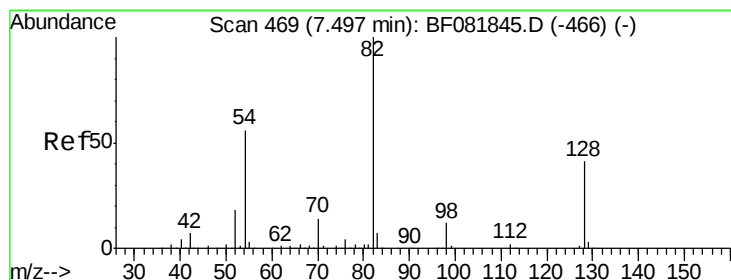
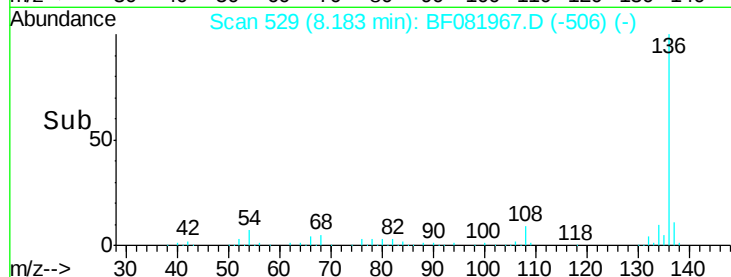
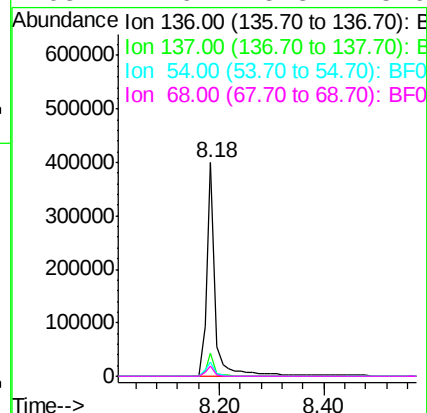
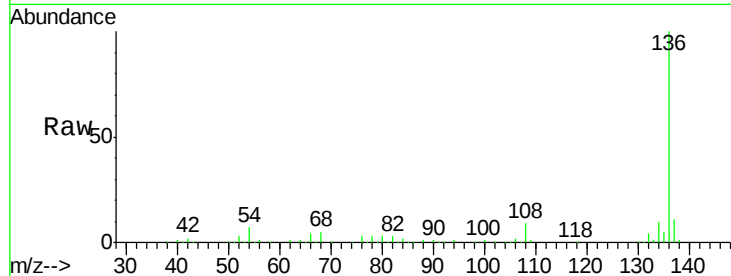




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 529
Delta R.T. -0.03 min
Lab File: BF081967.D
Acq: 2 Oct 2015 5:16

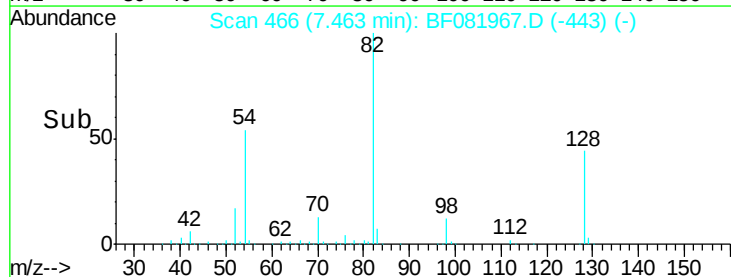
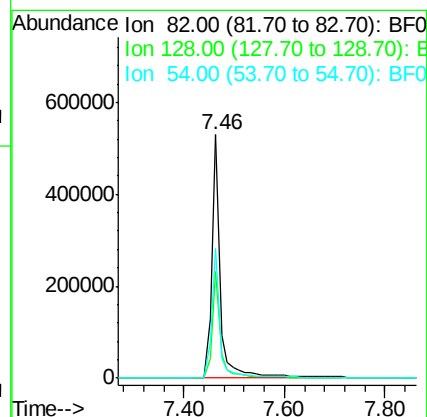
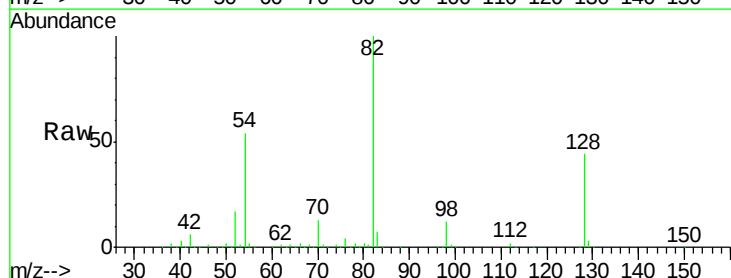
Instrument :
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A6-COMP

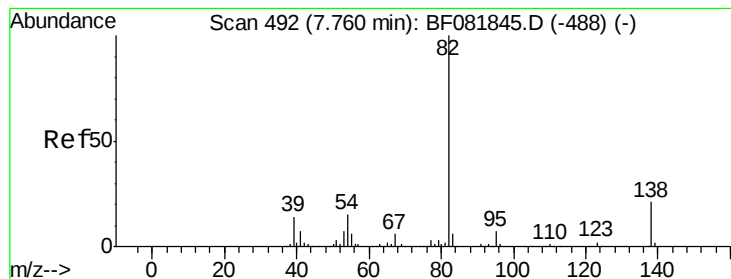
Tgt Ion:	136	Resp:	451522
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.0	13.6
54	6.7	8.2	12.2#
68	4.6	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 94.23 ng
RT: 7.46 min Scan# 466
Delta R.T. -0.03 min
Lab File: BF081967.D
Acq: 2 Oct 2015 5:16

Tgt Ion:	82	Resp:	638250
Ion Ratio	Lower	Upper	
82	100		
128	43.7	51.0	76.6#
54	53.5	47.5	71.3





#25

Isophorone

Concen: 40.79 ng

RT: 7.46 min Scan# 466

Delta R.T. -0.30 min

Lab File: BF081967.D

Acq: 2 Oct 2015 5:16

Instrument :

BNA_F

ClientSampleId :

A6-COMP

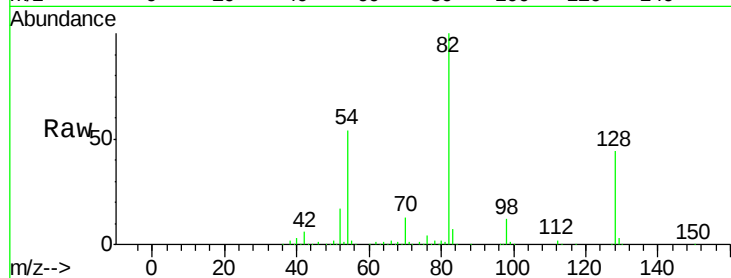
Tgt Ion: 82 Resp: 547661

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

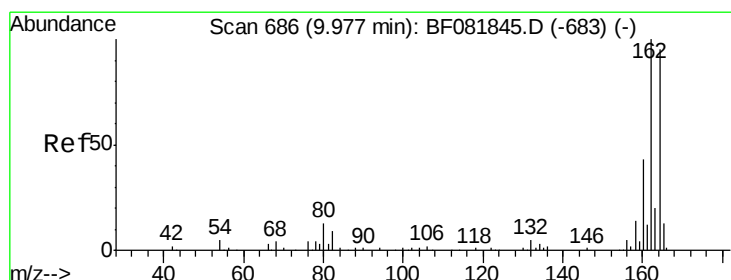
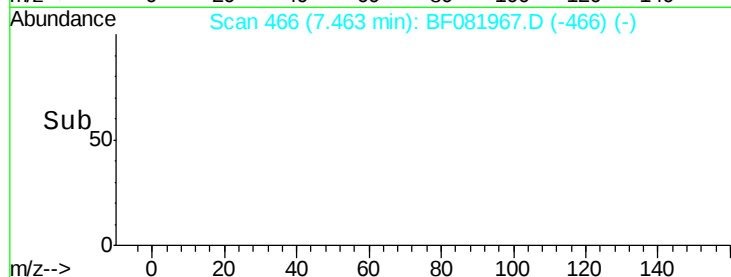
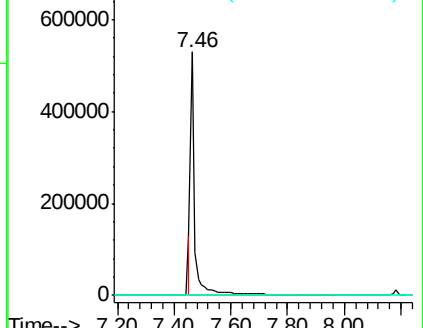
138 0.0 18.3 27.5#



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: BF081967.D

Acq: 2 Oct 2015 5:16

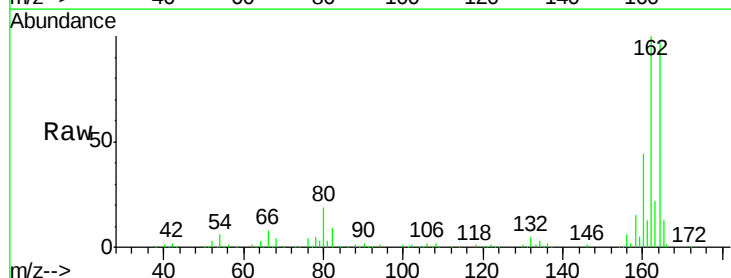
Tgt Ion: 164 Resp: 229297

Ion Ratio Lower Upper

164 100

162 103.1 75.2 112.8

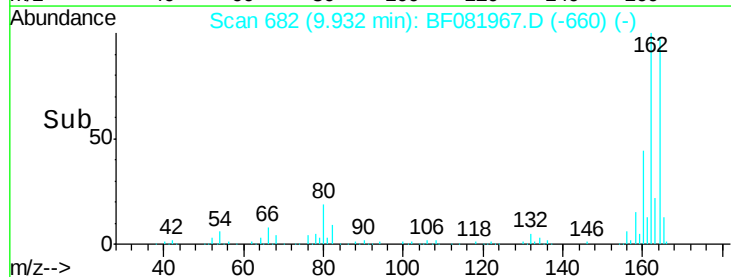
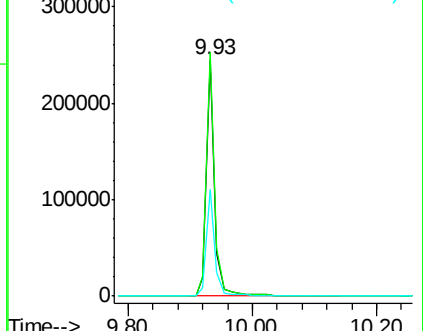
160 45.3 31.5 47.3

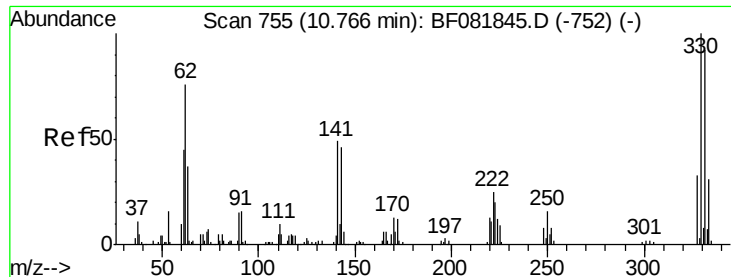


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

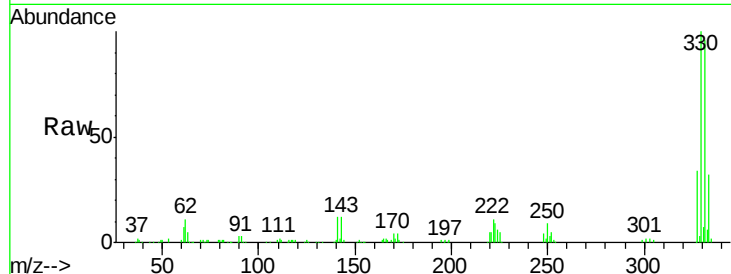




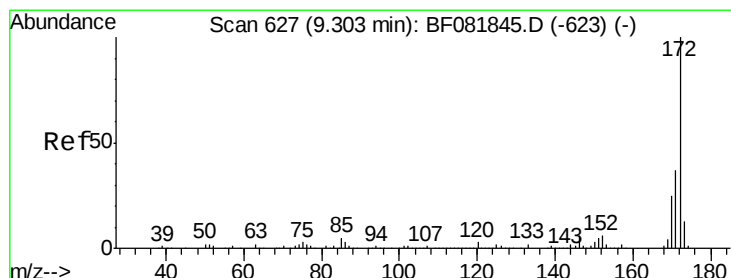
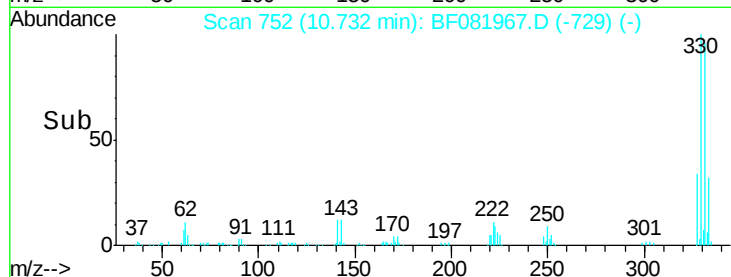
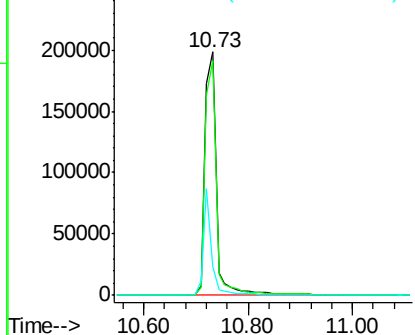
#41
 2,4,6-Tribromophenol
 Concen: 130.90 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

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 A6-COMP

Tgt Ion:330 Resp: 303983
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 31.7 29.7 44.5

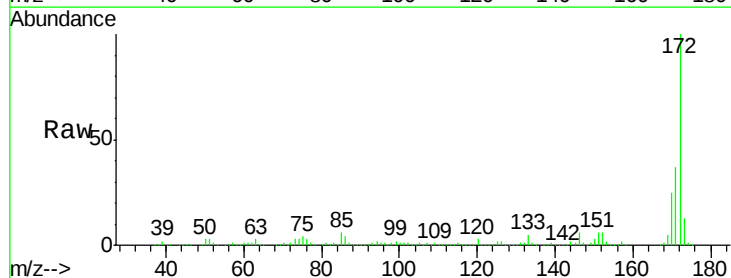


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

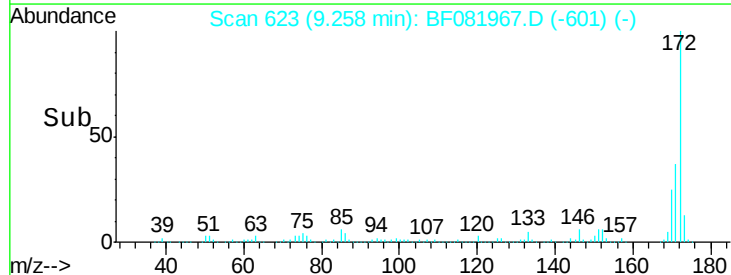
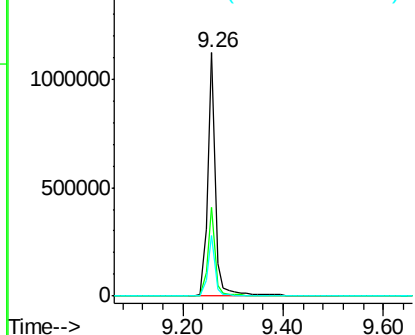


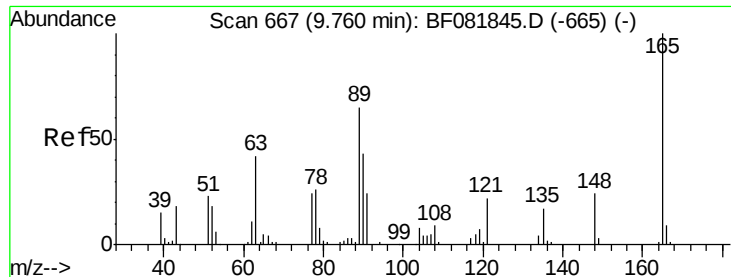
#44
 2-Fluorobiphenyl
 Concen: 89.78 ng
 RT: 9.26 min Scan# 623
 Delta R.T. -0.05 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

Tgt Ion:172 Resp: 1216856
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 24.9 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

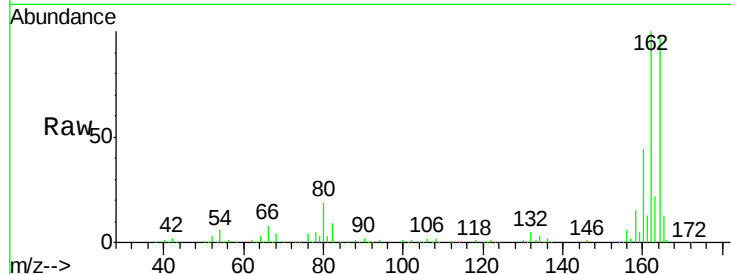




#50
 2,6-Dinitrotoluene
 Concen: 8.28 ng
 RT: 9.93 min Scan# 682
 Delta R.T. 0.17 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

Instrument :
 BNA_F
 ClientSampleId :
 A6-COMP

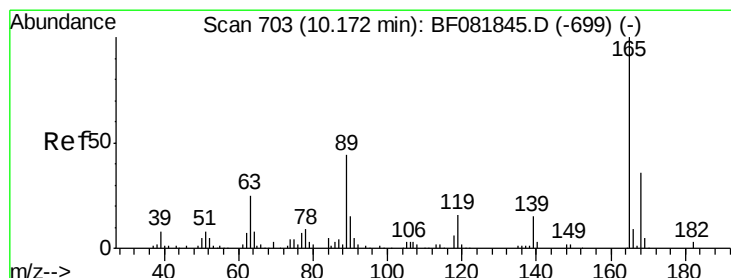
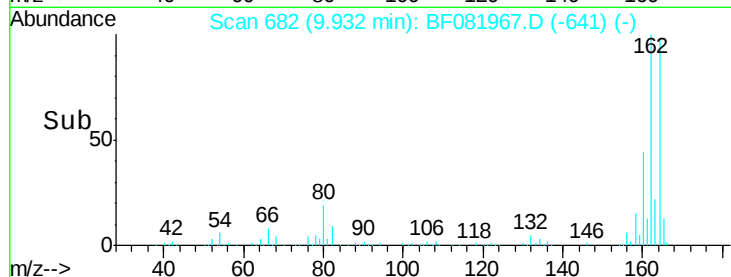
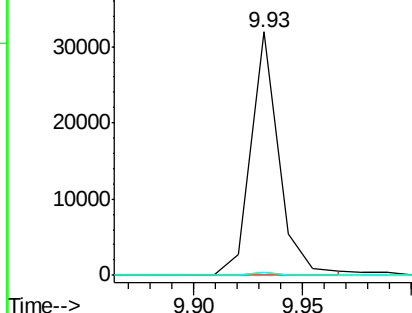
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.3	48.5#
89	1.1	28.6	43.0#



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



#56
 2,4-Dinitrotoluene
 Concen: 6.61 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.24 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

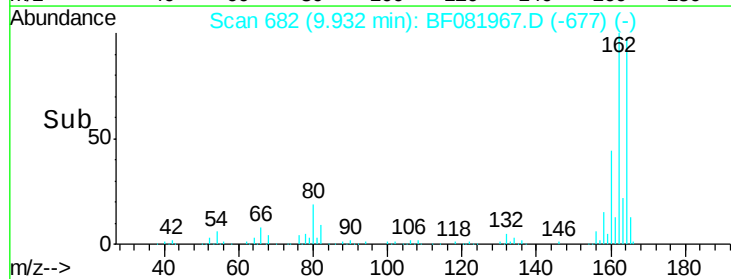
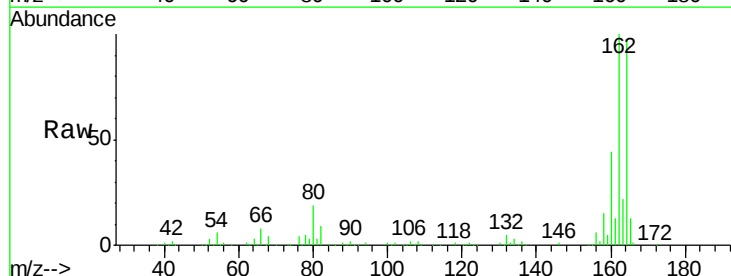
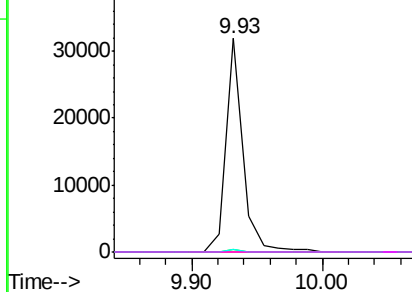
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	29.8	44.6#
89	1.1	44.5	66.7#
182	0.0	3.0	4.4#

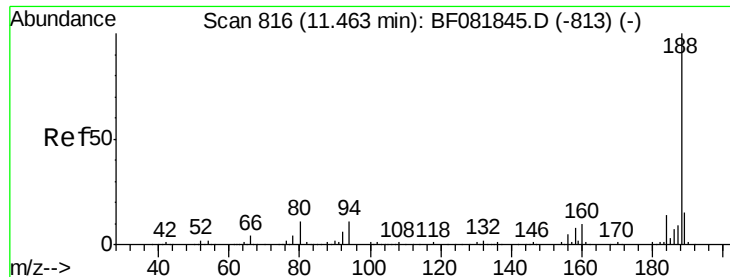
Abundance Ion 165.00 (164.70 to 165.70): E

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

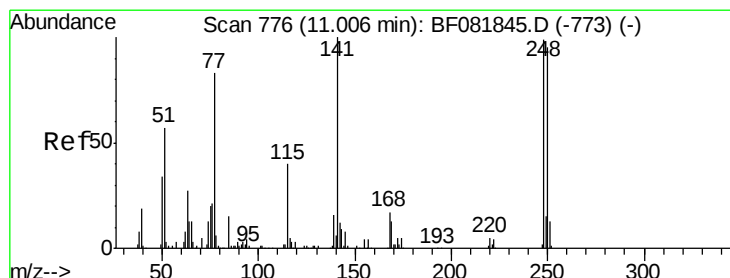
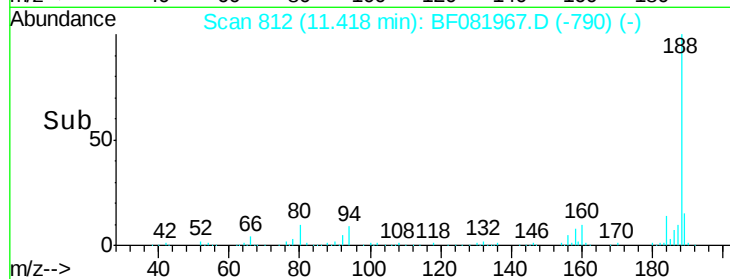
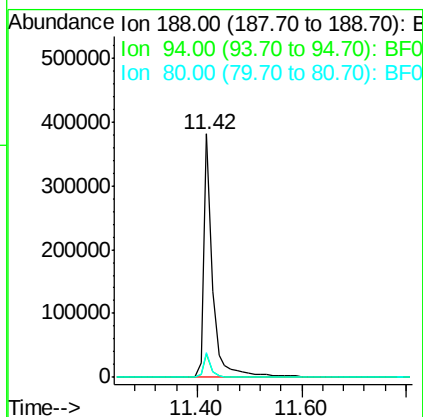
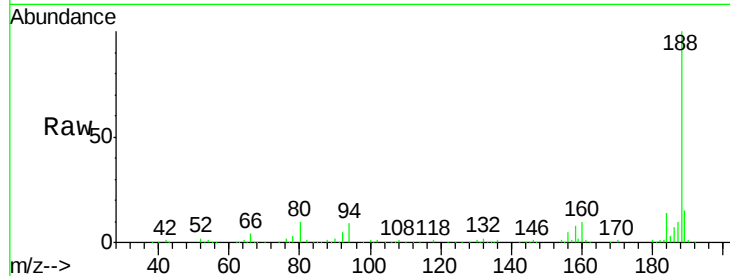




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.05 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

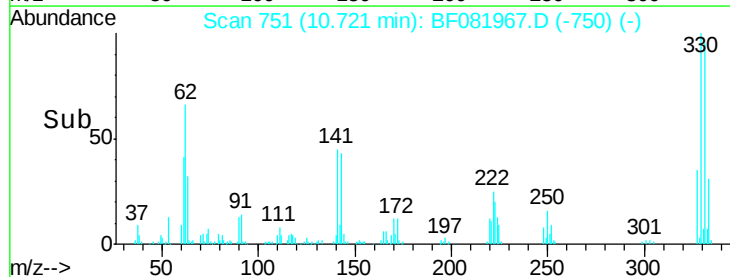
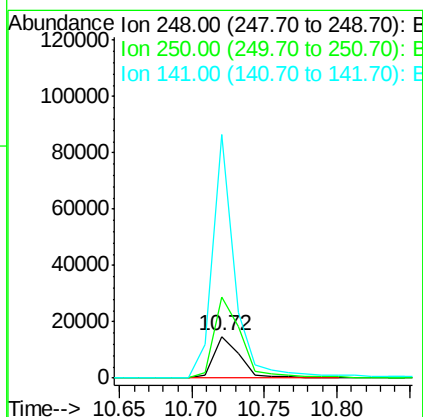
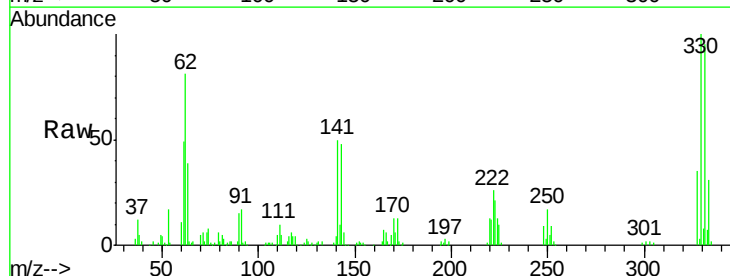
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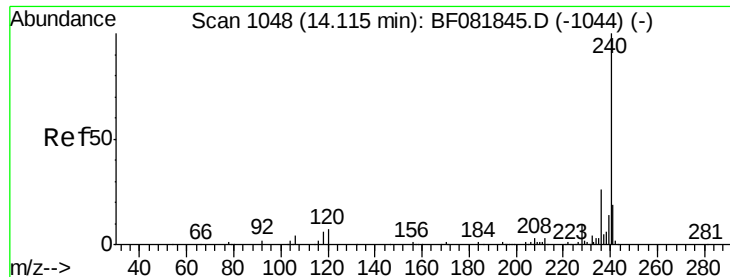
Tgt Ion:188 Resp: 458318
 Ion Ratio Lower Upper
 188 100
 94 9.4 11.1 16.7#
 80 10.0 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.09 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.29 min
 Lab File: BF081967.D
 Acq: 2 Oct 2015 5:16

Tgt Ion:248 Resp: 18895
 Ion Ratio Lower Upper
 248 100
 250 194.0 78.5 117.7#
 141 581.4 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: BF081967.D

Acq: 2 Oct 2015 5:16

Instrument :

BNA_F

ClientSampleId :

A6-COMP

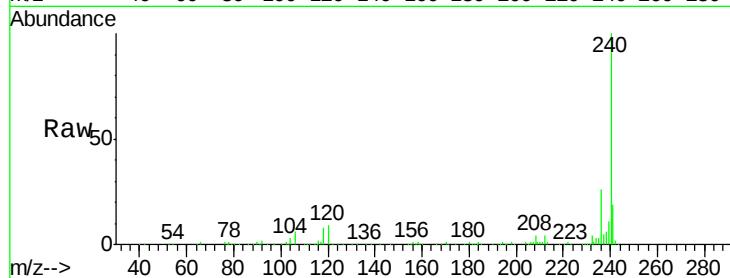
Tgt Ion:240 Resp: 410669

Ion Ratio Lower Upper

240 100

120 8.5 16.2 24.2#

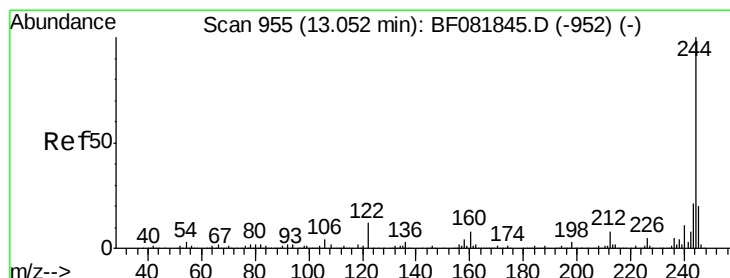
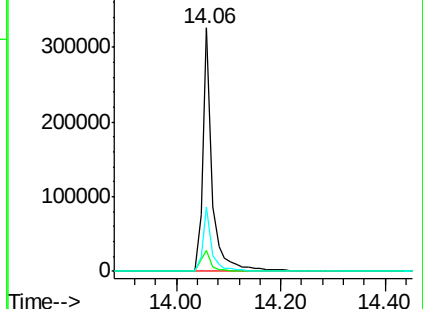
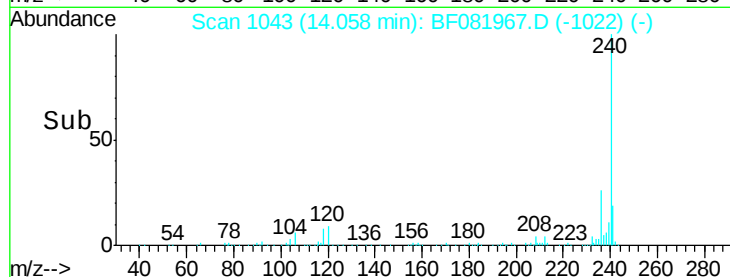
236 26.2 18.4 27.6



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: 102.82 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.05 min

Lab File: BF081967.D

Acq: 2 Oct 2015 5:16

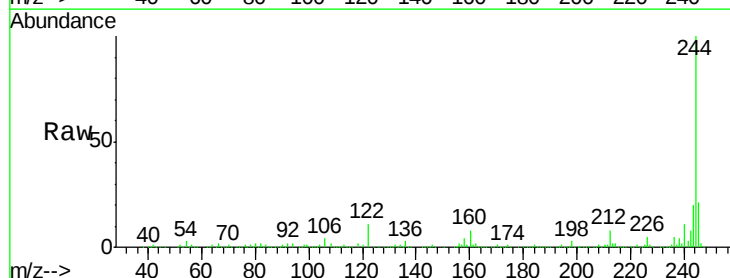
Tgt Ion:244 Resp: 1232781

Ion Ratio Lower Upper

244 100

212 7.9 4.3 6.5#

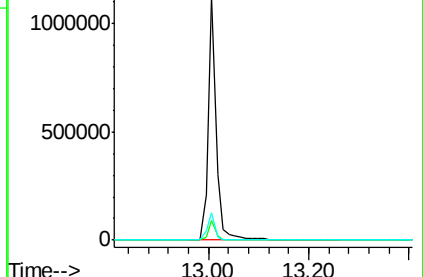
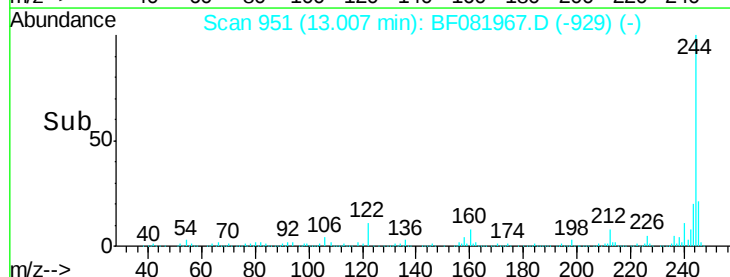
122 11.2 17.4 26.2#

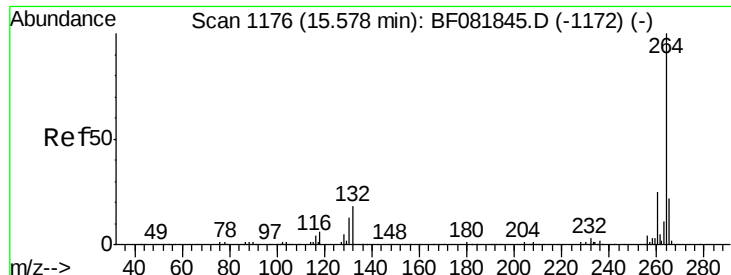


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

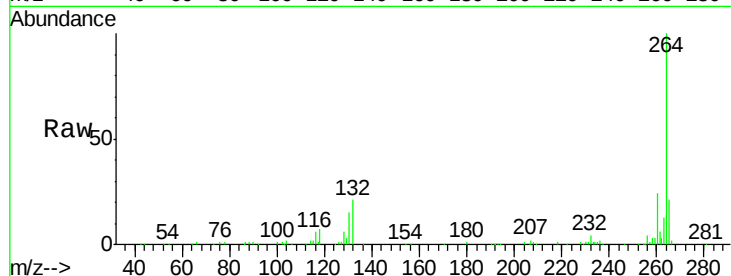




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1169
Delta R.T. -0.08 min
Lab File: BF081967.D
Acq: 2 Oct 2015 5:16

Instrument :
BNA_F
ClientSampleId :
A6-COMP

Tgt Ion: 264 Resp: 260322
Ion Ratio Lower Upper
264 100
260 24.0 16.7 25.1
265 21.4 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

