

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081855.D
 Acq On : 28 Sep 2015 21:16
 Operator : UM/IZ
 Sample : PB85768BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

Quant Time: Sep 29 02:20:23 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

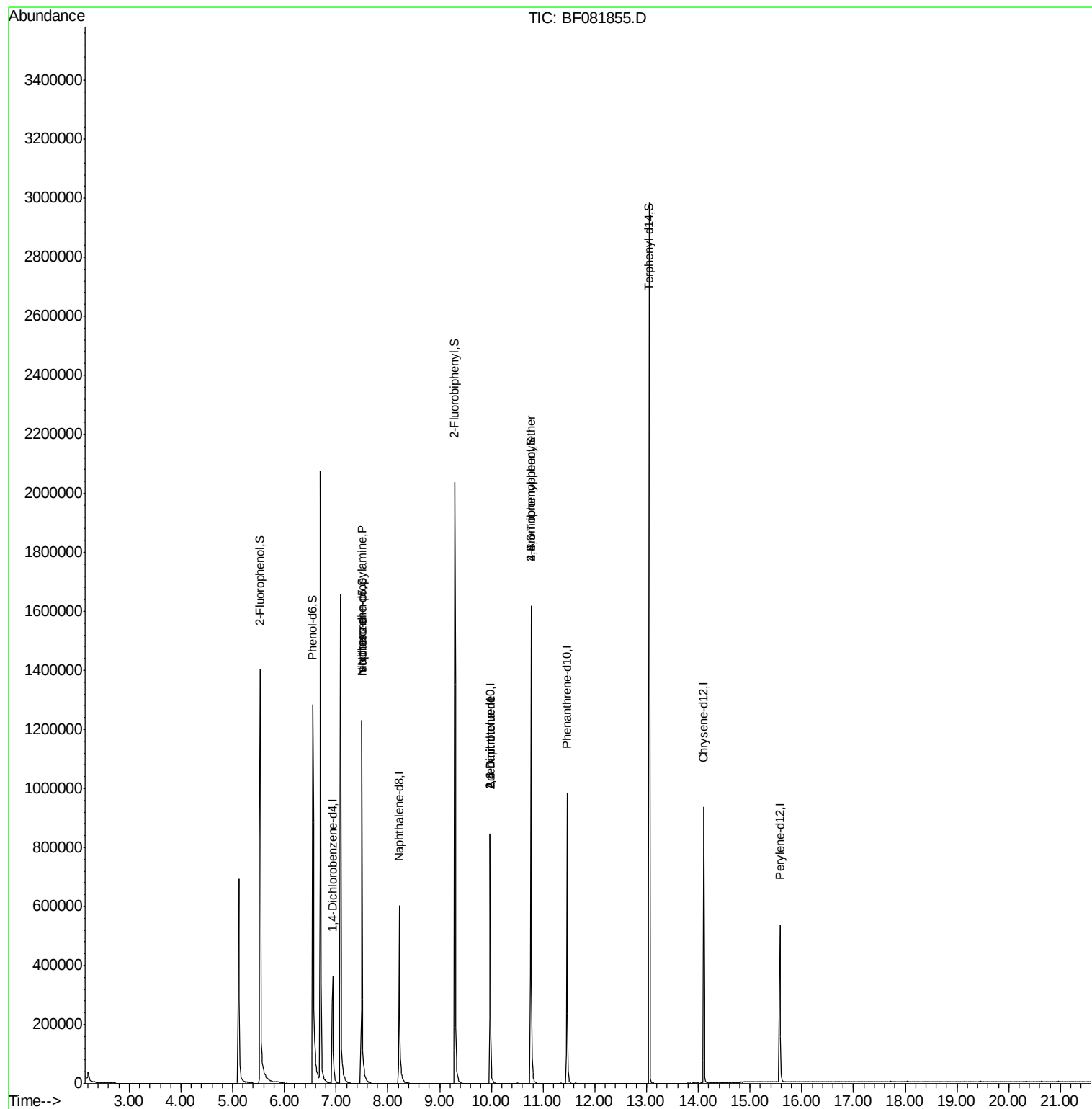
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	102902	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	415660	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	204467	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	402888	20.00	ng	0.00
75) Chrysene-d12	14.10	240	358381	20.00	ng	-0.01
86) Perylene-d12	15.58	264	291478	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	637314	112.43	ng	0.01
7) Phenol-d6	6.55	99	798211	111.91	ng	-0.01
23) Nitrobenzene-d5	7.50	82	503535	80.75	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	227605	109.91	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	953077	76.50	ng	-0.01
78) Terphenyl-d14	13.05	244	955120	86.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	65641	15.14	ng	# 56
25) Isophorone	7.50	82	444546	35.97	ng	# 58
50) 2,6-Dinitrotoluene	9.98	165	25551	8.34	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	25865	6.62	ng	# 33
57) Fluorene	10.77	166	9470	Below Cal		# 89
66) 4-Bromophenyl-phenylether	10.77	248	14550	3.58	ng	# 1
73) Di-n-butylphthalate	12.02	149	274	Below Cal		# 78

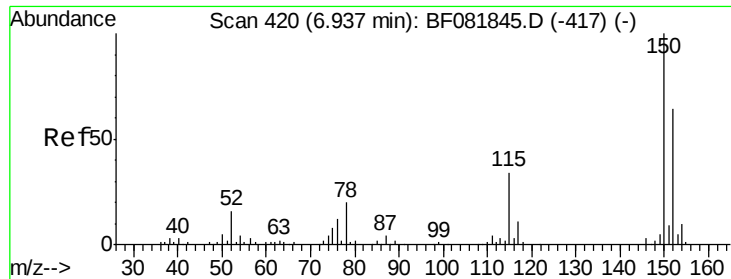
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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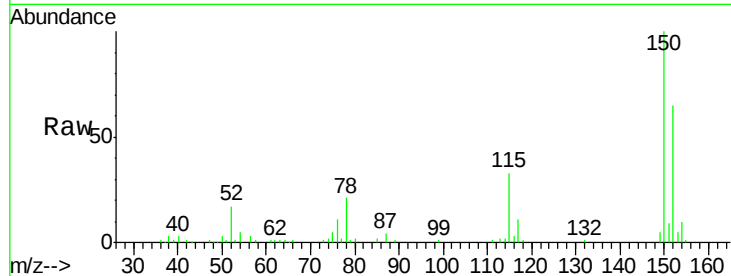




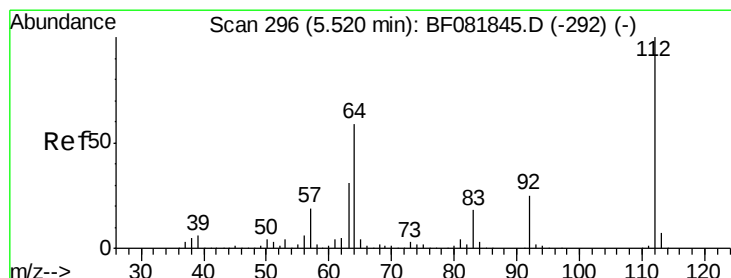
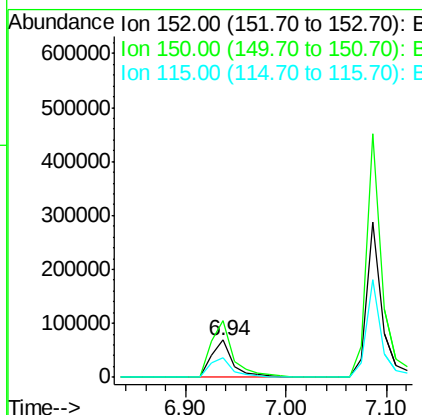
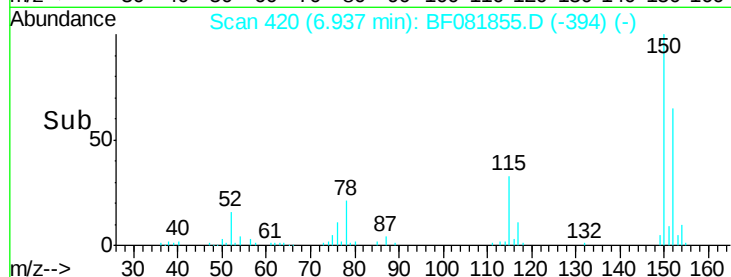
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Instrument :
 BNA_F
 ClientSampleId :
 PB85768BL

Tgt Ion:152 Resp: 102902
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.7 187.1
 115 51.9 39.0 58.4

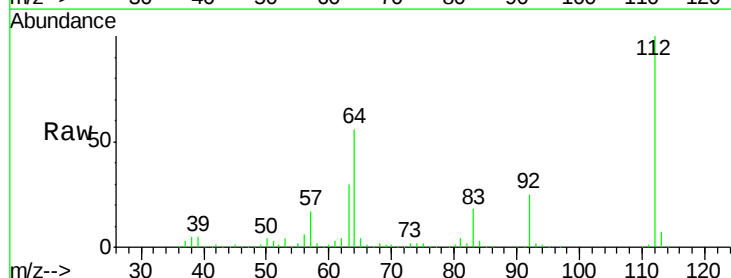


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

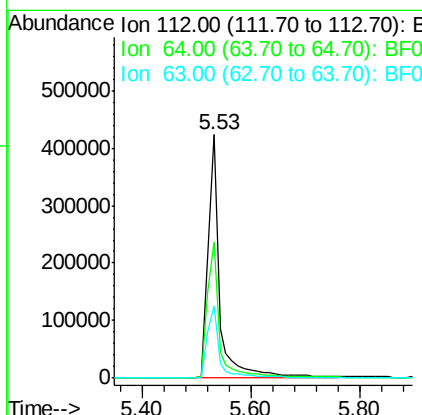
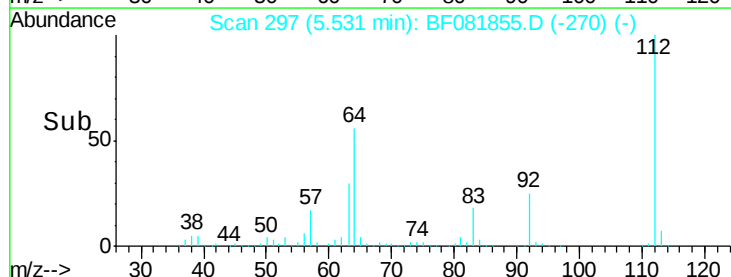


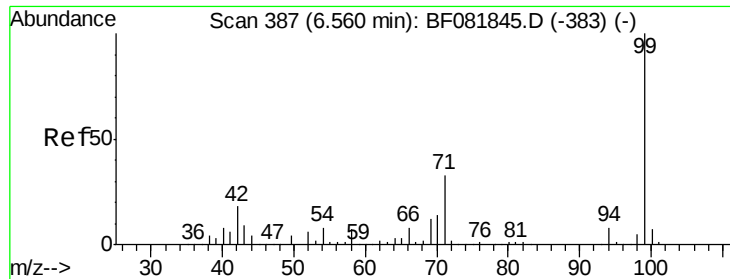
#5
 2-Fluorophenol
 Concen: 112.43 ng
 RT: 5.53 min Scan# 297
 Delta R.T. 0.01 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion:112 Resp: 637314
 Ion Ratio Lower Upper
 112 100
 64 56.1 39.7 59.5
 63 29.6 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: 111.91 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

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BNA_F

ClientSampleId :

PB85768BL

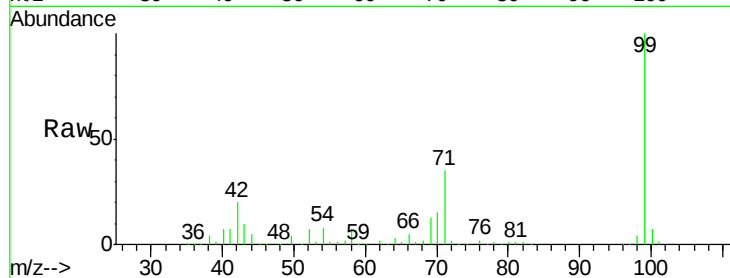
Tgt Ion: 99 Resp: 798211

Ion Ratio Lower Upper

99 100

42 19.7 13.7 20.5

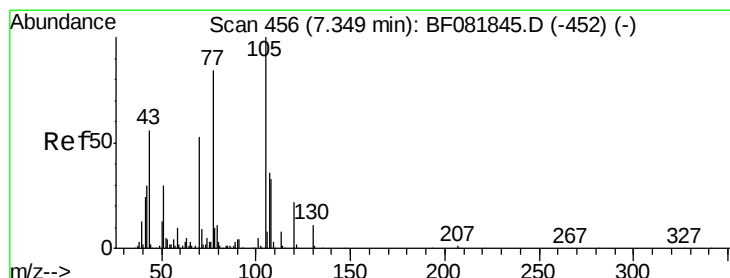
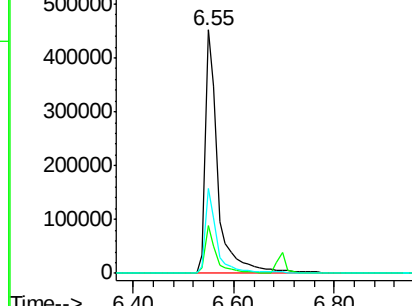
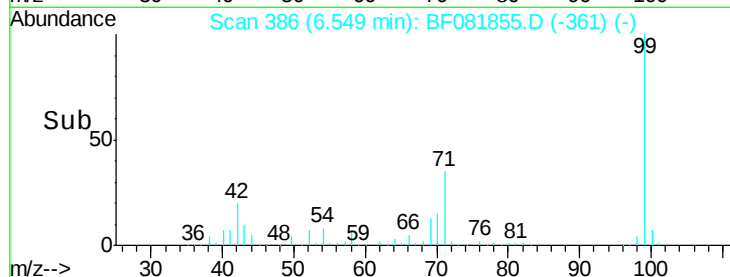
71 35.1 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.14 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.15 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

Tgt Ion: 70 Resp: 65641

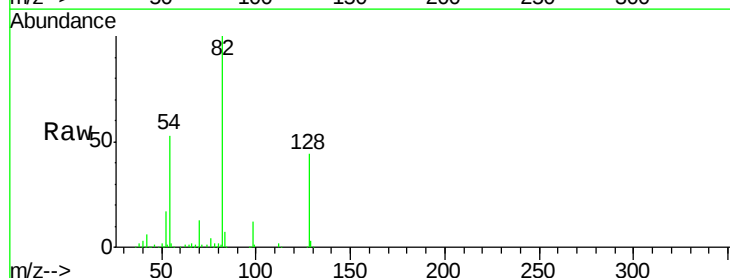
Ion Ratio Lower Upper

70 100

42 43.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.0 27.3 40.9#

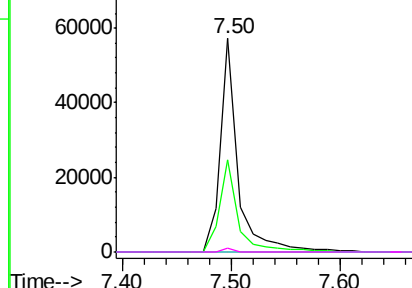
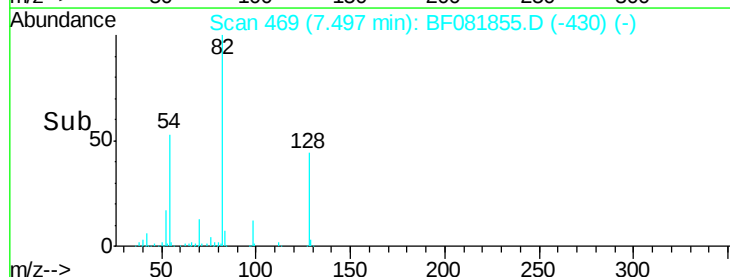


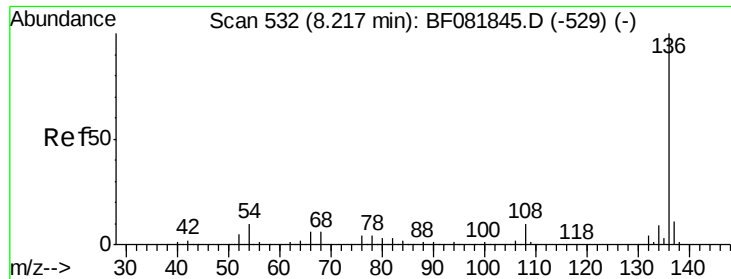
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

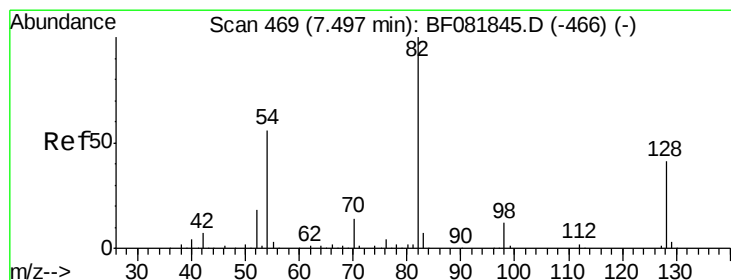
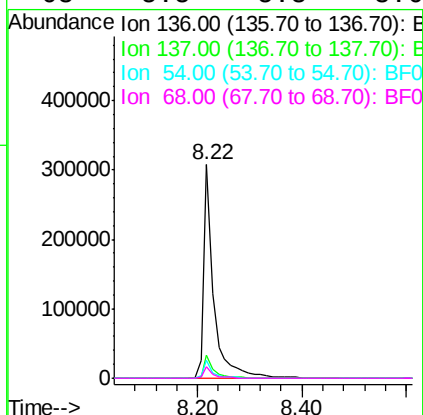
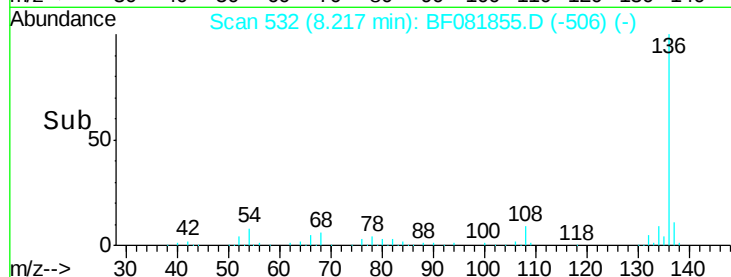
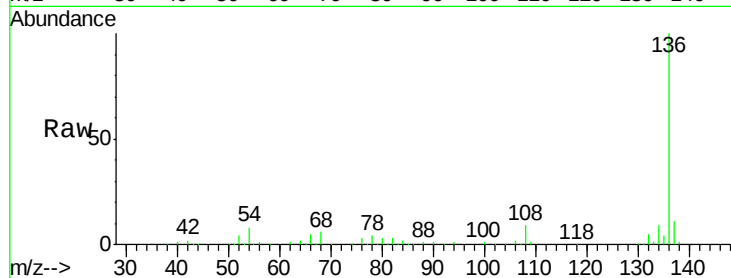




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081855.D
Acq: 28 Sep 2015 21:16

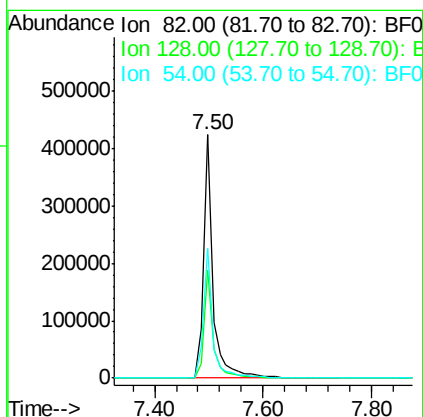
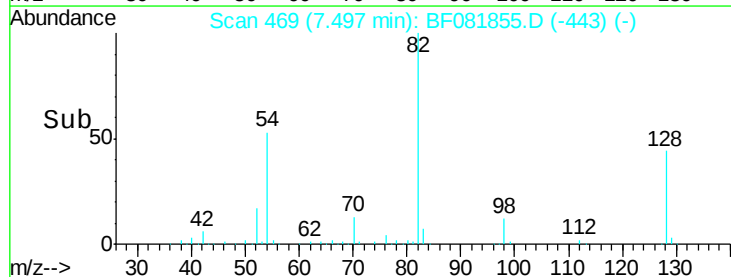
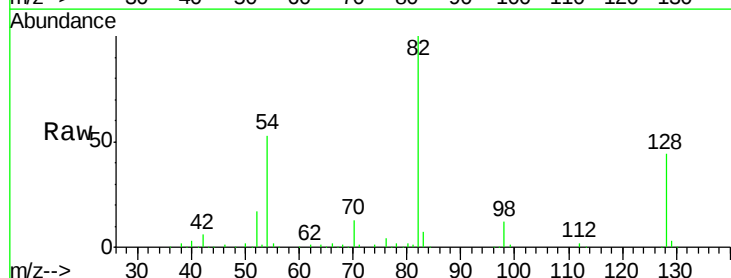
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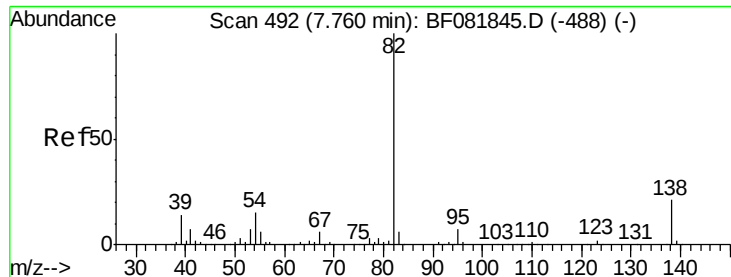
Tgt Ion:	136	Resp:	415660
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.2	8.2	12.2
68	5.5	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 80.75 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081855.D
Acq: 28 Sep 2015 21:16

Tgt Ion:	82	Resp:	503535
Ion	Ratio	Lower	Upper
82	100		
128	44.2	51.0	76.6#
54	53.1	47.5	71.3





#25

Isophorone

Concen: 35.97 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

PB85768BL

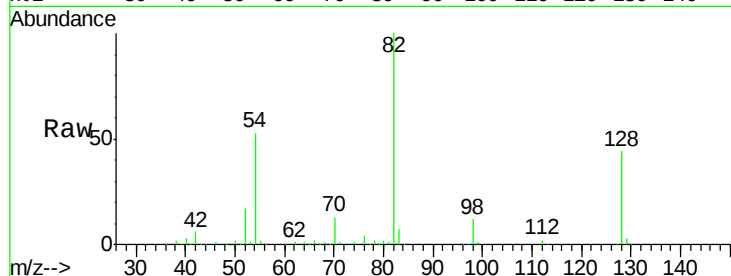
Tgt Ion: 82 Resp: 444546

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

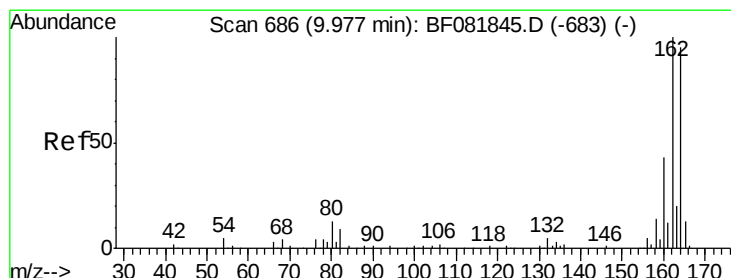
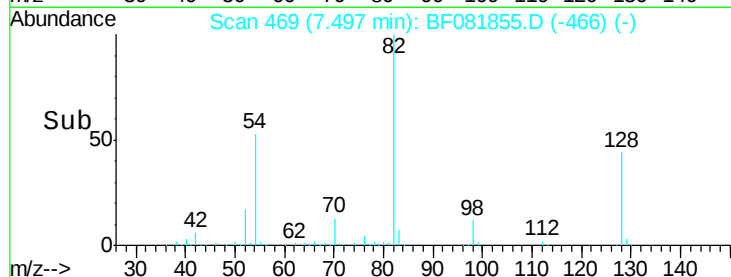
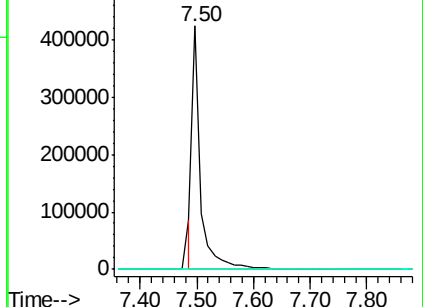
138 0.0 18.3 27.5#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

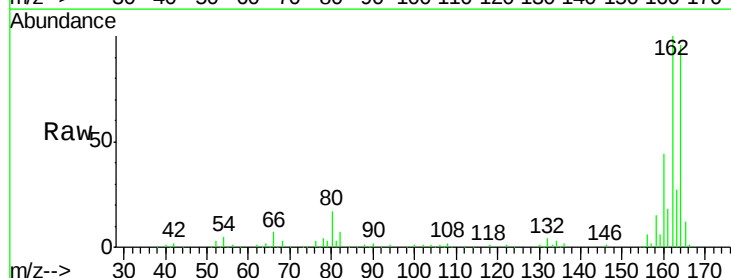
Tgt Ion: 164 Resp: 204467

Ion Ratio Lower Upper

164 100

162 103.9 75.2 112.8

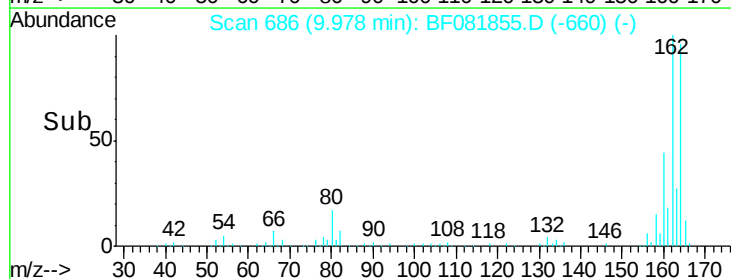
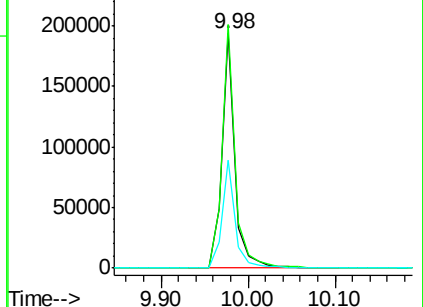
160 45.8 31.5 47.3

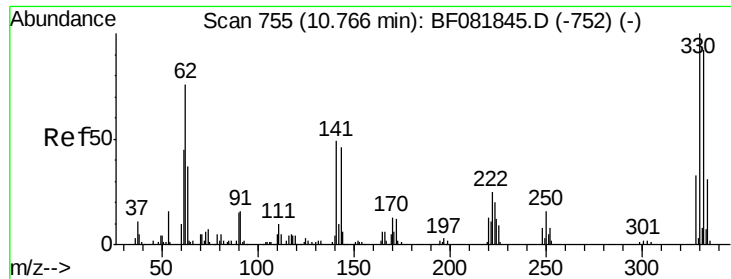


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

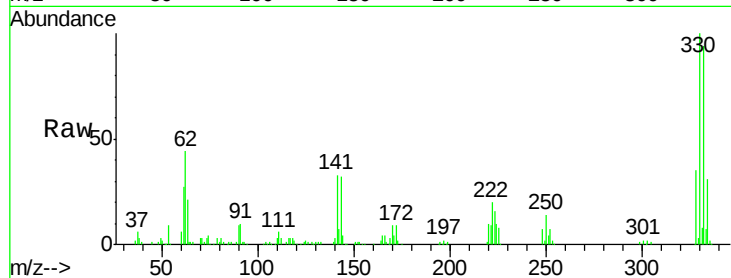




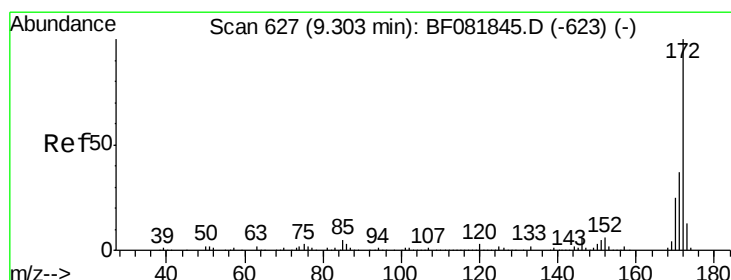
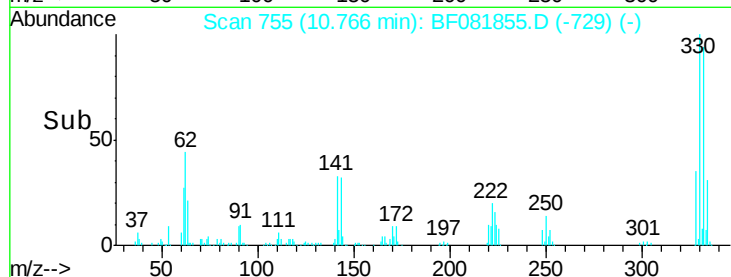
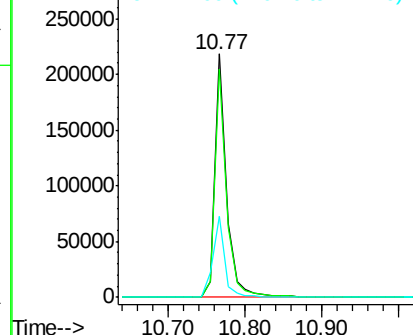
#41
 2,4,6-Tribromophenol
 Concen: 109.91 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	114.8
141	34.0	29.7	44.5

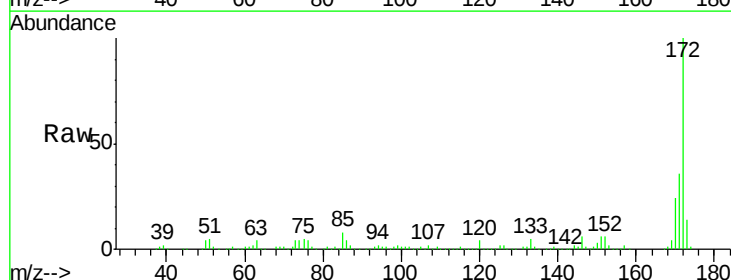


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

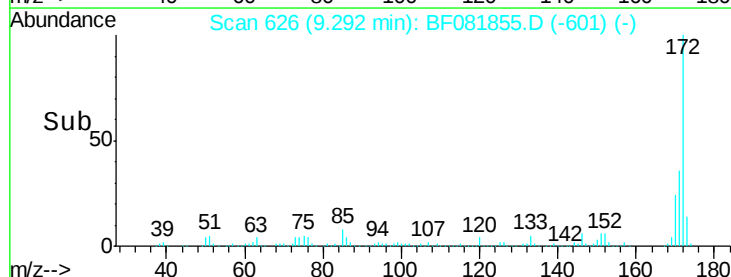
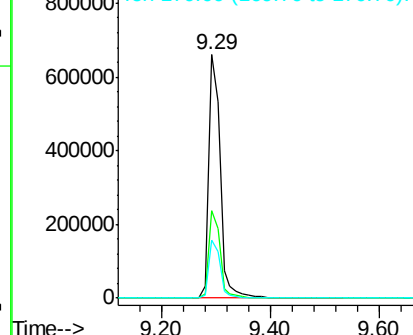


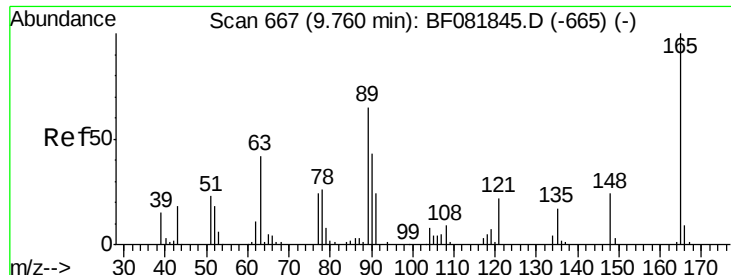
#44
 2-Fluorobiphenyl
 Concen: 76.50 ng
 RT: 9.29 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	26.1	39.1
170	24.0	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

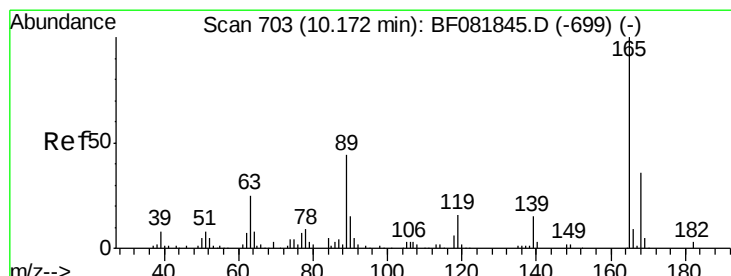
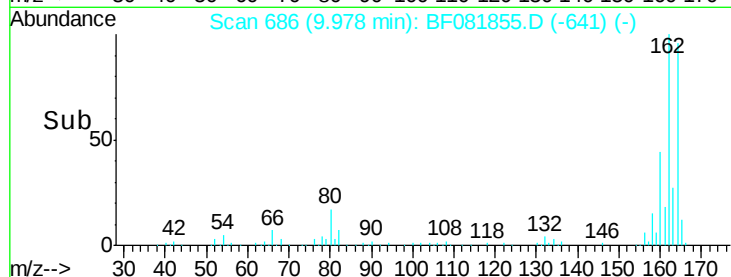
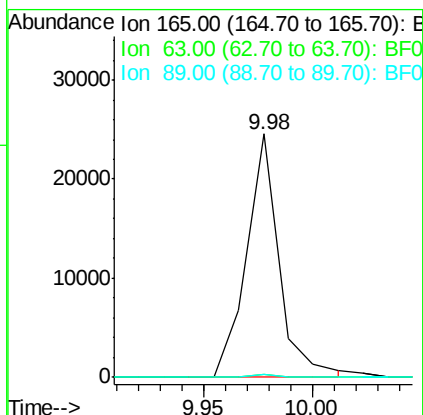
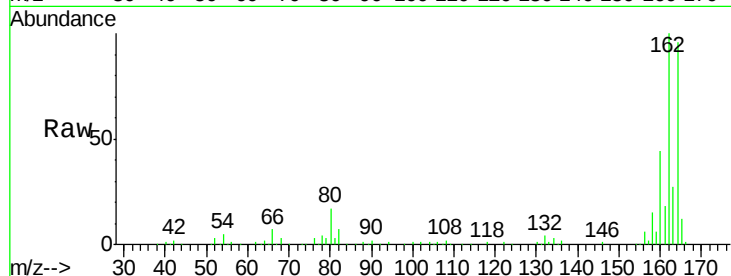




#50
 2,6-Dinitrotoluene
 Concen: 8.34 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.22 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

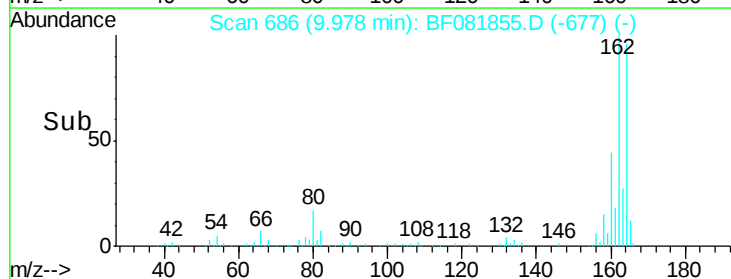
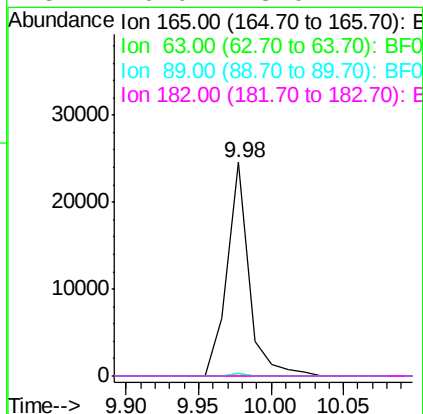
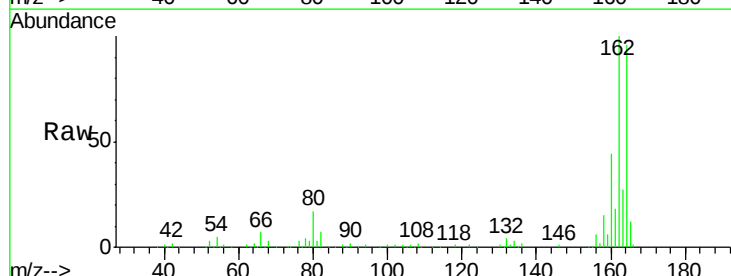
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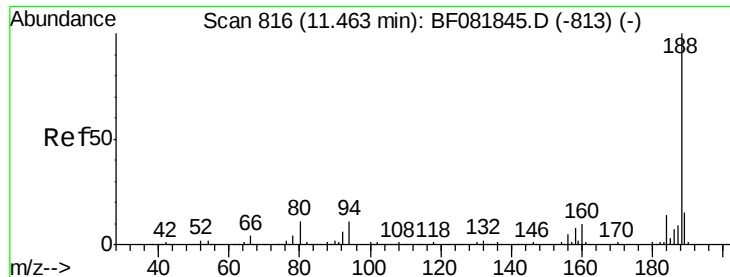
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.3	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.62 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

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

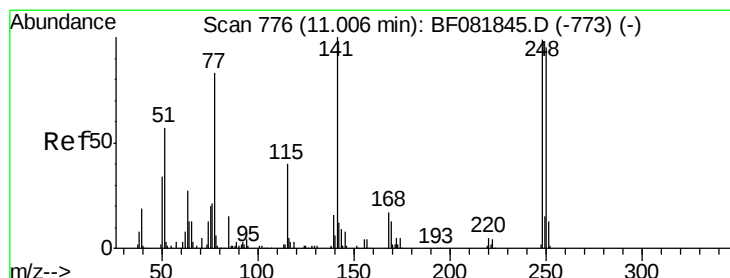
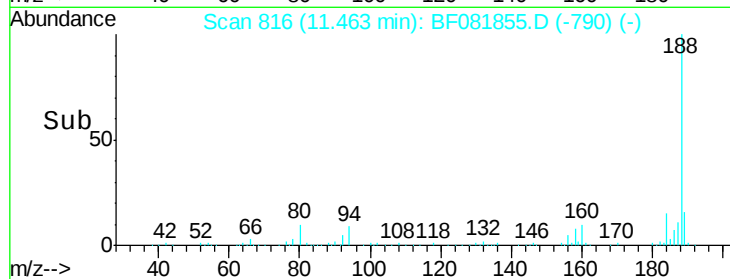
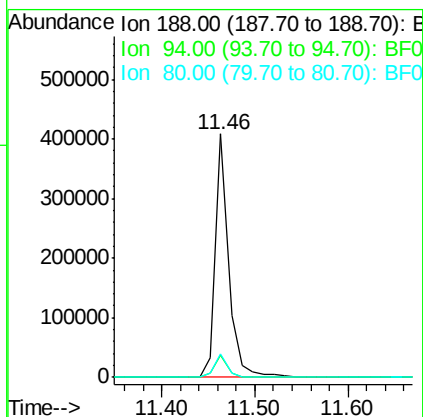
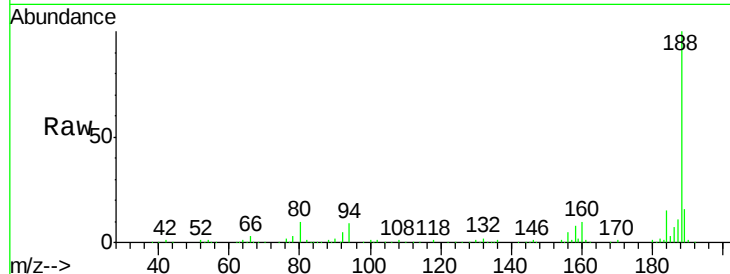




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

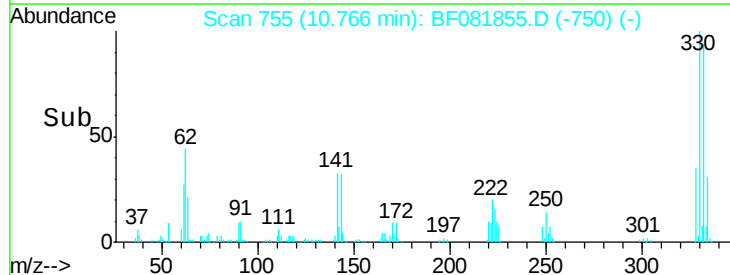
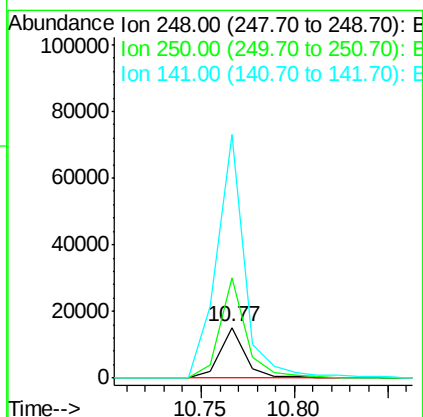
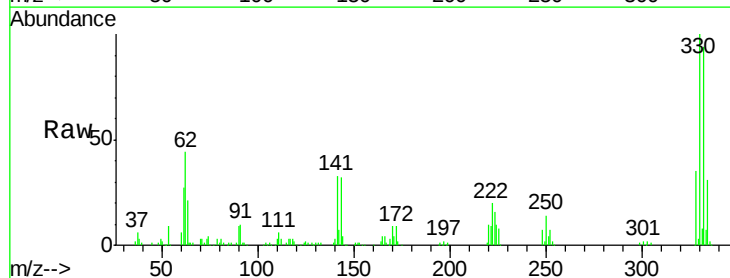
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 PB85768BL

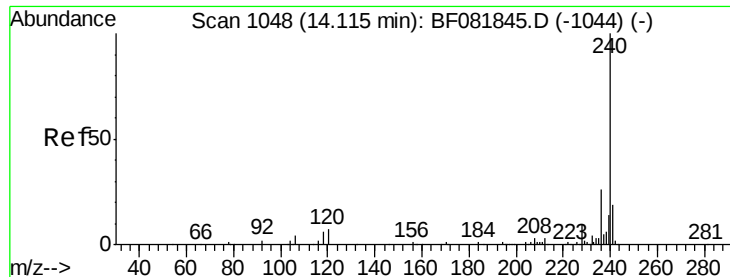
Tgt Ion:188 Resp: 402888
 Ion Ratio Lower Upper
 188 100
 94 9.0 11.1 16.7#
 80 9.6 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.24 min
 Lab File: BF081855.D
 Acq: 28 Sep 2015 21:16

Tgt Ion:248 Resp: 14550
 Ion Ratio Lower Upper
 248 100
 250 199.6 78.5 117.7#
 141 482.3 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

Instrument :

BNA_F

ClientSampleId :

PB85768BL

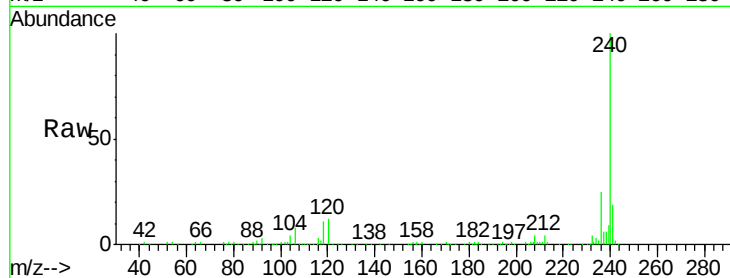
Tgt Ion:240 Resp: 358381

Ion Ratio Lower Upper

240 100

120 11.9 16.2 24.2#

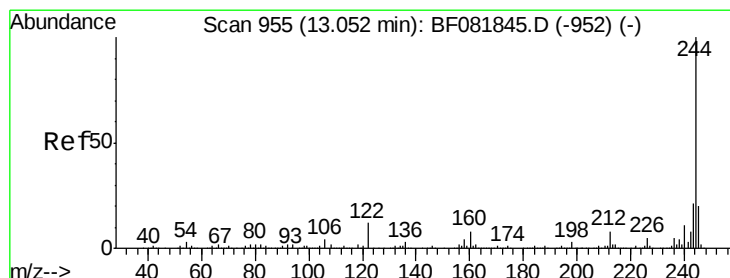
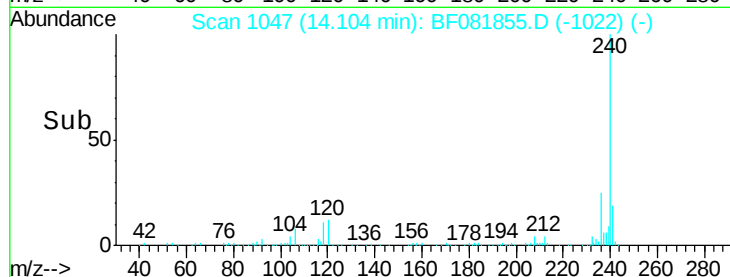
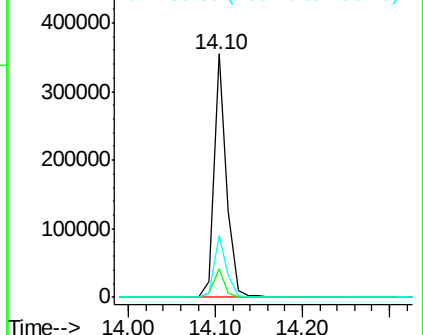
236 25.5 18.4 27.6



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: 86.50 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081855.D

Acq: 28 Sep 2015 21:16

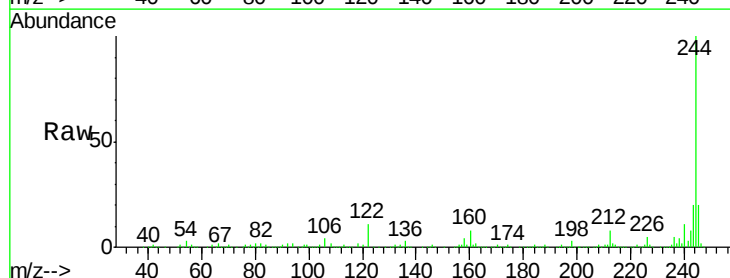
Tgt Ion:244 Resp: 955120

Ion Ratio Lower Upper

244 100

212 7.8 4.3 6.5#

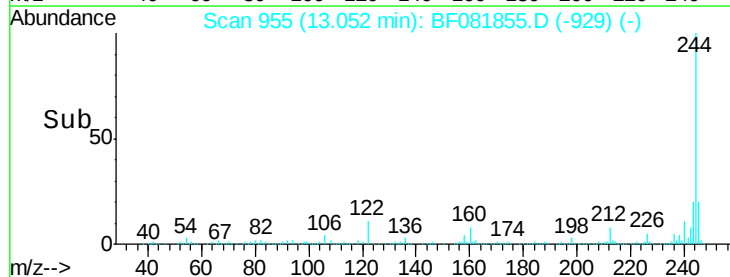
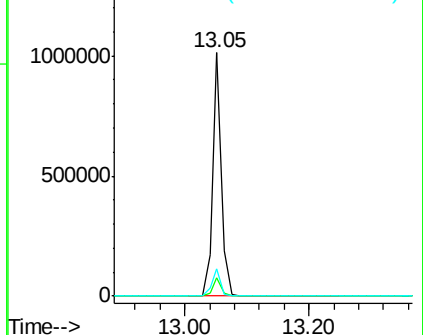
122 11.1 17.4 26.2#

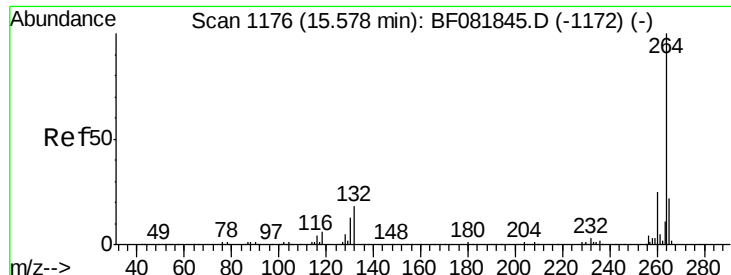


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081855.D
Acq: 28 Sep 2015 21:16

Instrument :
BNA_F
ClientSampleId :
PB85768BL

Tgt Ion: 264 Resp: 291478

Ion	Ratio	Lower	Upper
264	100		
260	24.3	16.7	25.1
265	22.3	17.2	25.8

