

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081863.D
 Acq On : 29 Sep 2015 3:30
 Operator : UM/IZ
 Sample : G3717-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-9-16-15

Quant Time: Sep 29 04:36:45 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

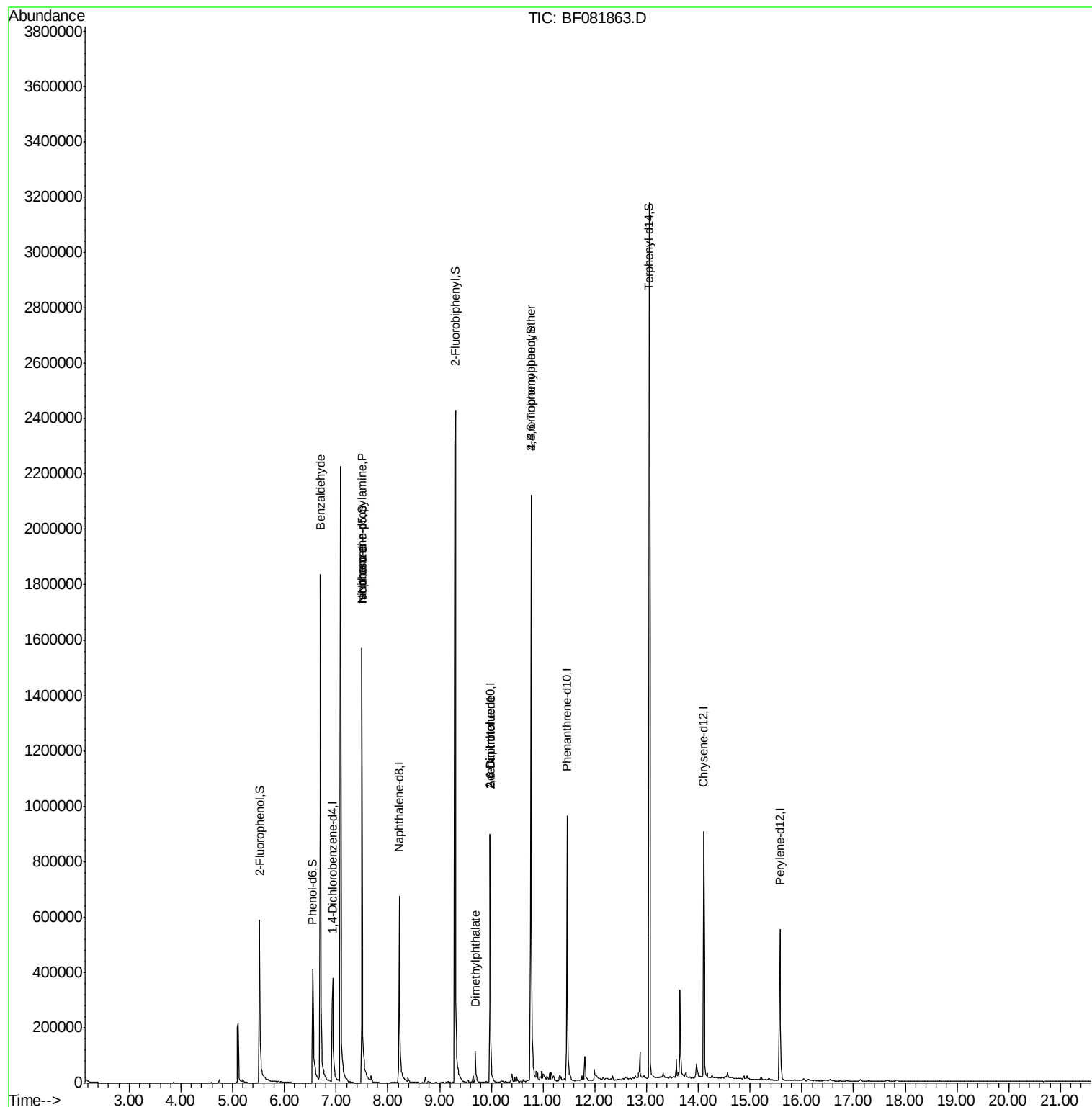
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	116028	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	465646	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	221145	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	425129	20.00	ng	0.00
75) Chrysene-d12	14.10	240	377121	20.00	ng	-0.01
86) Perylene-d12	15.58	264	293866	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	318292	49.80	ng	0.00
7) Phenol-d6	6.55	99	273630	34.02	ng	-0.01
23) Nitrobenzene-d5	7.50	82	687893	98.48	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	314115	140.25	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1361541	108.89	ng	0.00
78) Terphenyl-d14	13.05	244	1259459	122.23	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	14480	2.75	ng	# 66
19) n-Nitroso-di-n-propylamine	7.50	70	87495	17.90	ng	# 58
25) Isophorone	7.50	82	643729	46.49	ng	# 58
49) Dimethylphthalate	9.69	163	73822	4.84	ng	# 97
50) 2,6-Dinitrotoluene	9.98	165	26045	7.86	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	26645	6.31	ng	# 34
57) Fluorene	10.77	166	11767	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.77	248	20666	4.82	ng	# 1
70) Phenanthrene	11.49	178	323	Below Cal	#	62
73) Di-n-butylphthalate	12.02	149	4161	Below Cal	#	90

(#) = 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: BF081863.D

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ClientSampleId :

PZ-3-9-16-15

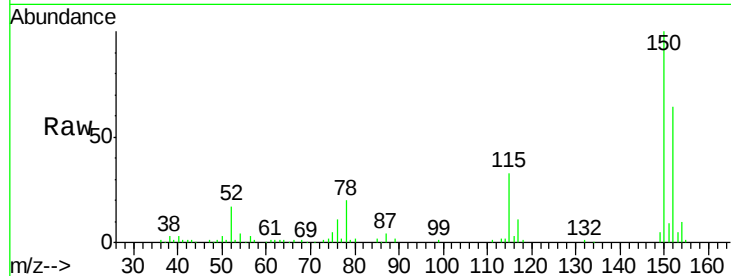
Tgt Ion:152 Resp: 116028

Ion Ratio Lower Upper

152 100

150 155.1 124.7 187.1

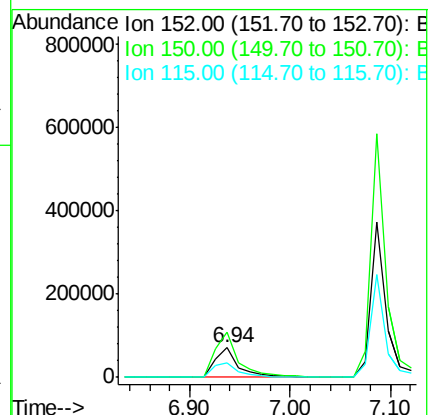
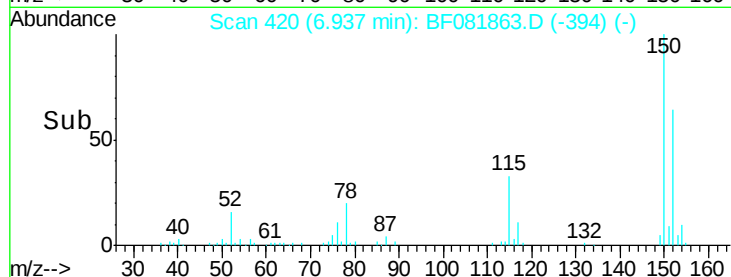
115 51.5 39.0 58.4



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: 49.80 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081863.D

Acq: 29 Sep 2015 3:30

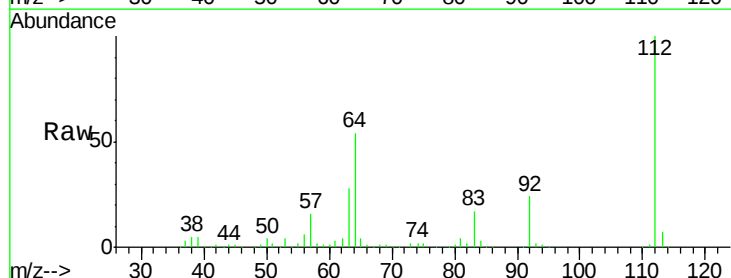
Tgt Ion:112 Resp: 318292

Ion Ratio Lower Upper

112 100

64 53.6 39.7 59.5

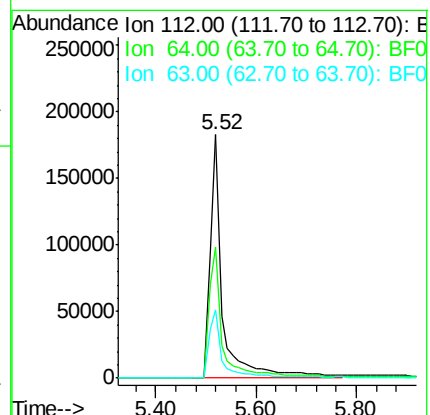
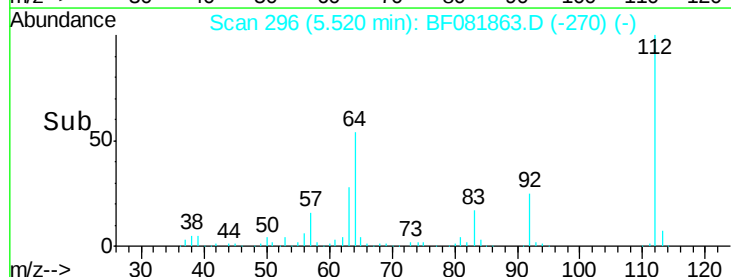
63 27.9 17.4 26.0#

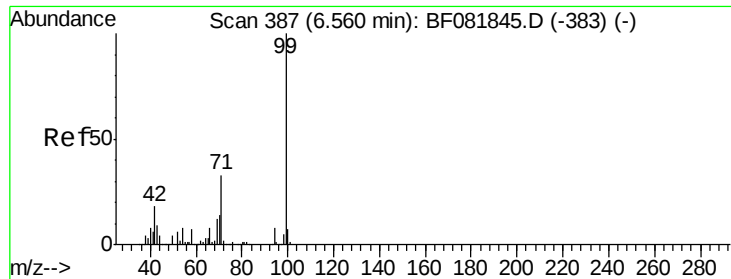


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 34.02 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081863.D

Acq: 29 Sep 2015 3:30

Instrument :

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ClientSampleId :

PZ-3-9-16-15

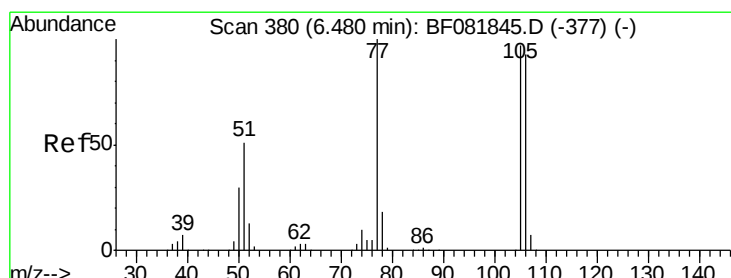
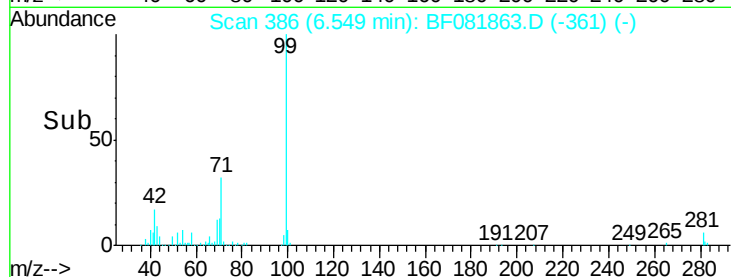
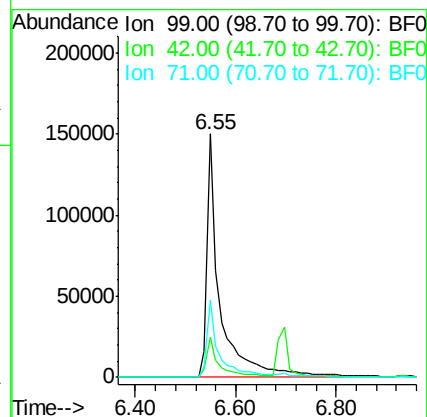
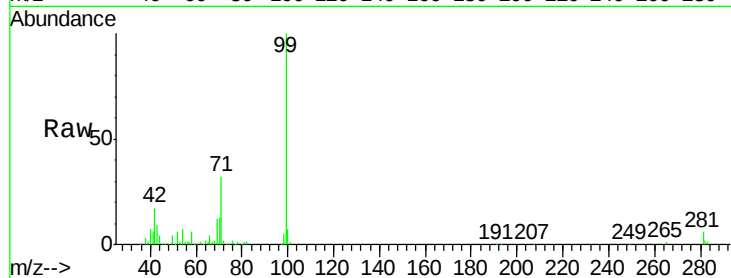
Tgt Ion: 99 Resp: 273630

Ion Ratio Lower Upper

99 100

42 16.6 13.7 20.5

71 31.6 14.2 21.2#



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081863.D

Acq: 29 Sep 2015 3:30

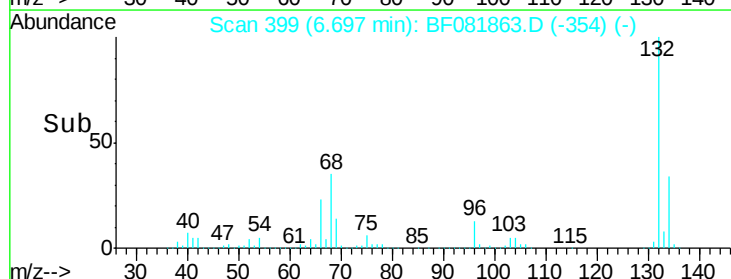
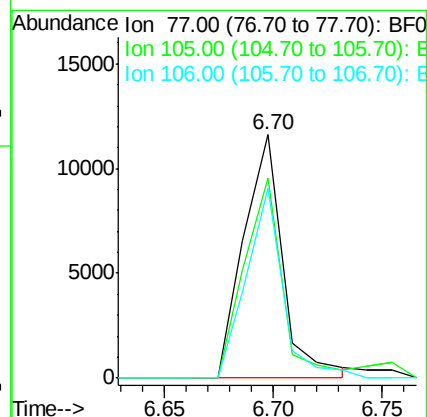
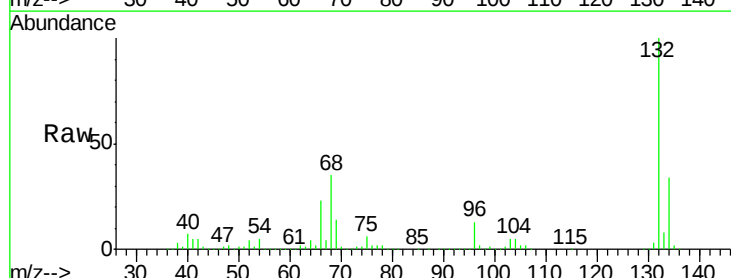
Tgt Ion: 77 Resp: 14480

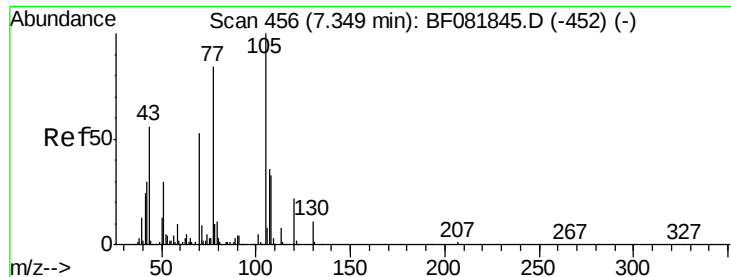
Ion Ratio Lower Upper

77 100

105 82.3 91.6 131.6#

106 77.9 102.6 142.6#

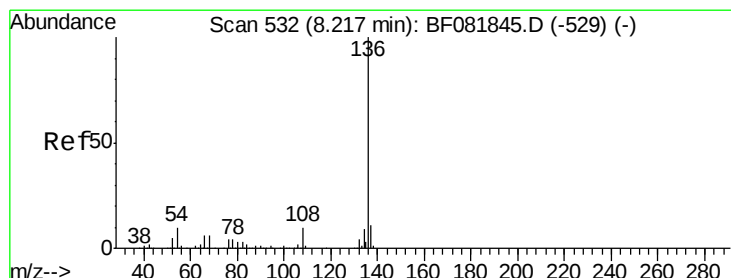
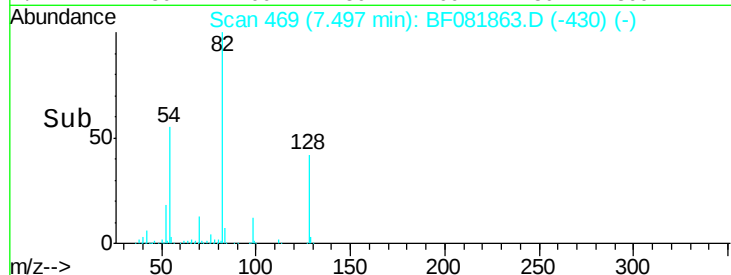
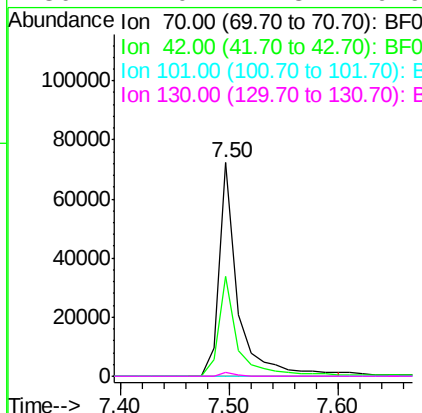
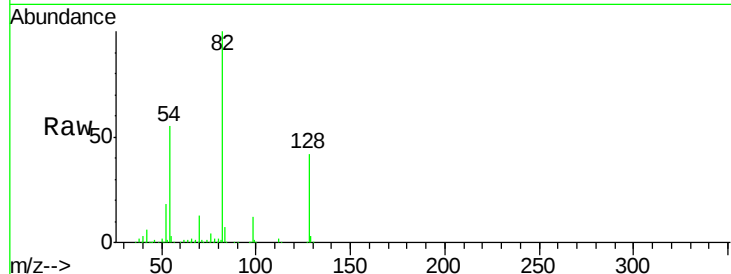




#19
n-Nitroso-di-n-propylamine
Concen: 17.90 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF081863.D
Acq: 29 Sep 2015 3:30

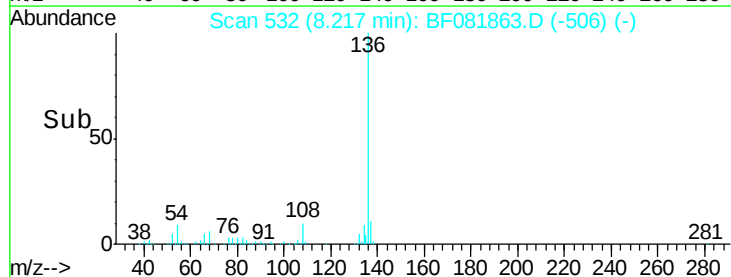
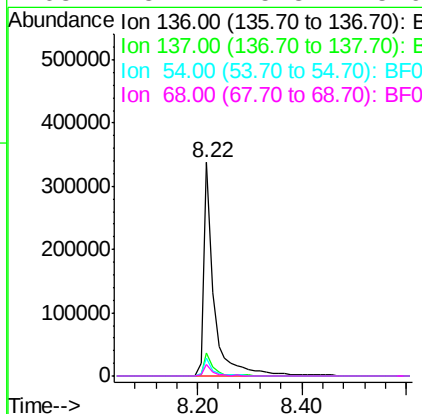
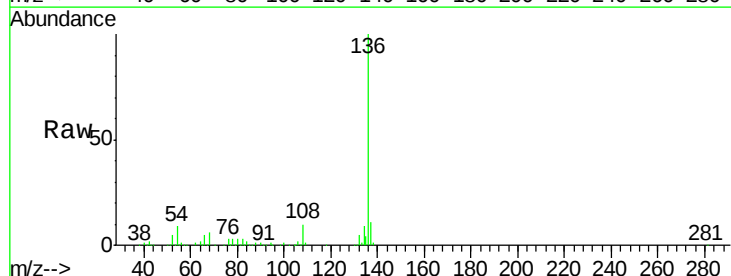
Instrument :
BNA_F
ClientSampleId :
PZ-3-9-16-15

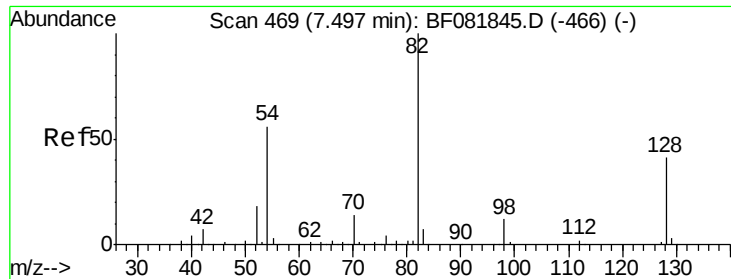
Tgt Ion: 70 Resp: 87495
Ion Ratio Lower Upper
70 100
42 47.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081863.D
Acq: 29 Sep 2015 3:30

Tgt Ion: 136 Resp: 465646
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 8.6 8.2 12.2
68 5.7 5.8 8.6#

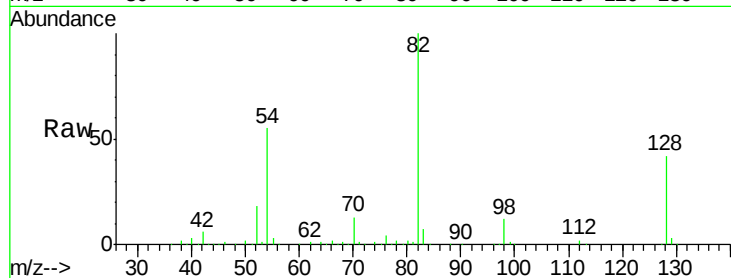




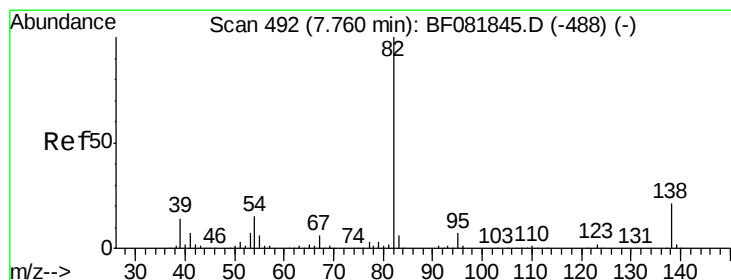
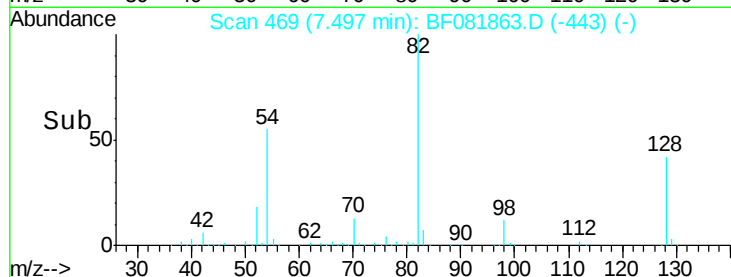
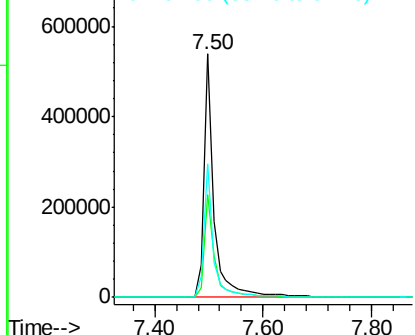
#23
 Nitrobenzene-d5
 Concen: 98.48 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-9-16-15

Tgt Ion: 82 Resp: 687893
 Ion Ratio Lower Upper
 82 100
 128 42.1 51.0 76.6#
 54 54.9 47.5 71.3

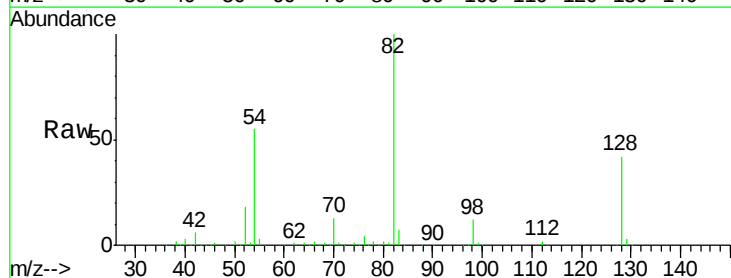


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

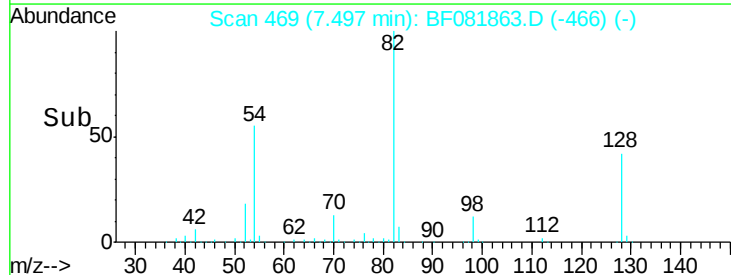
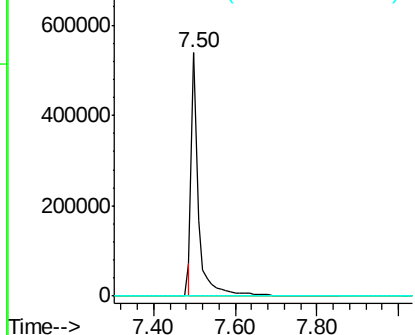


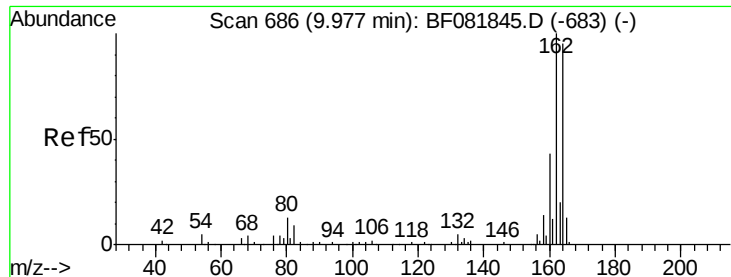
#25
 Isophorone
 Concen: 46.49 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.26 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

Tgt Ion: 82 Resp: 643729
 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: BF081863.D

Acq: 29 Sep 2015 3:30

Instrument :

BNA_F

ClientSampleId :

PZ-3-9-16-15

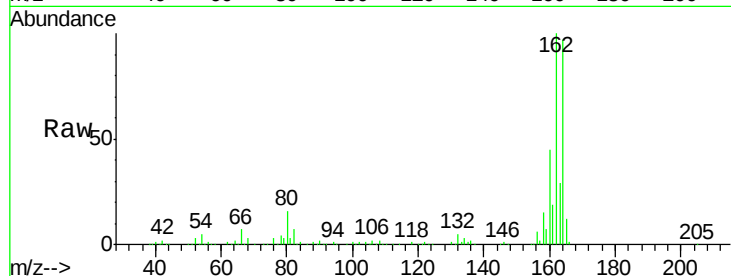
Tgt Ion:164 Resp: 221145

Ion Ratio Lower Upper

164 100

162 103.5 75.2 112.8

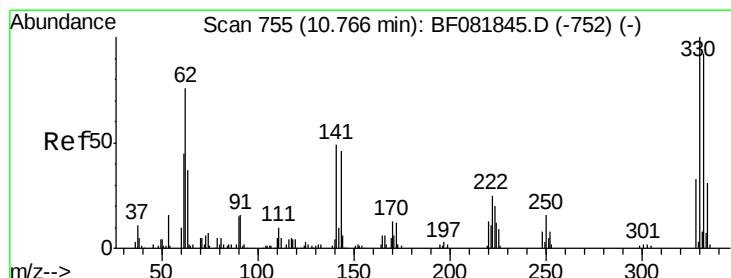
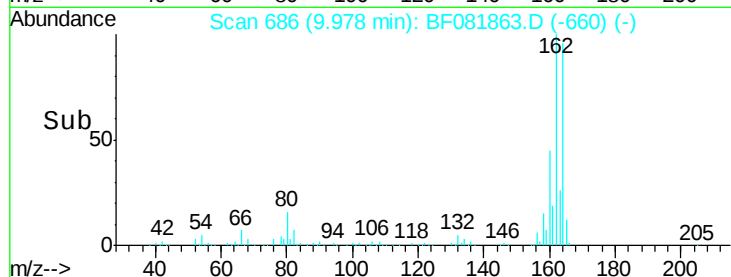
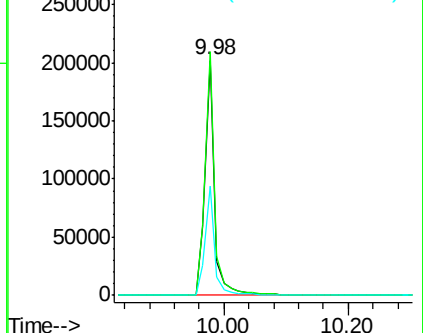
160 46.4 31.5 47.3



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: 140.25 ng

RT: 10.77 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF081863.D

Acq: 29 Sep 2015 3:30

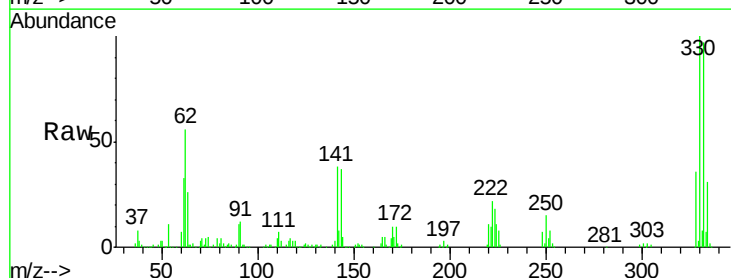
Tgt Ion:330 Resp: 314115

Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

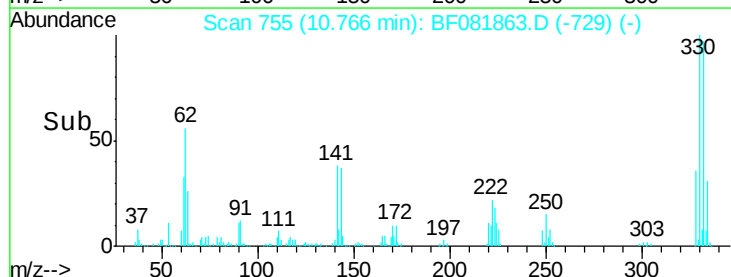
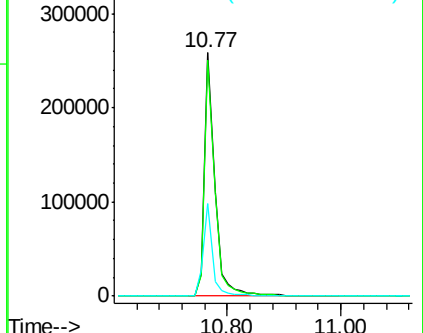
141 35.1 29.7 44.5

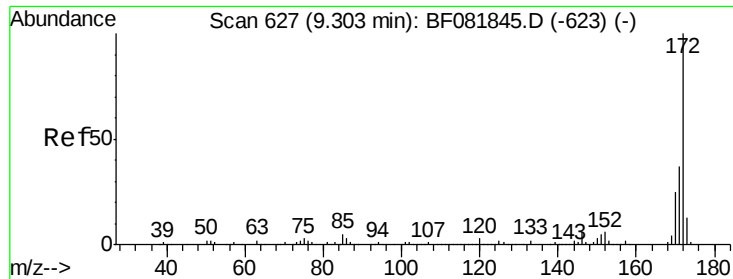


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

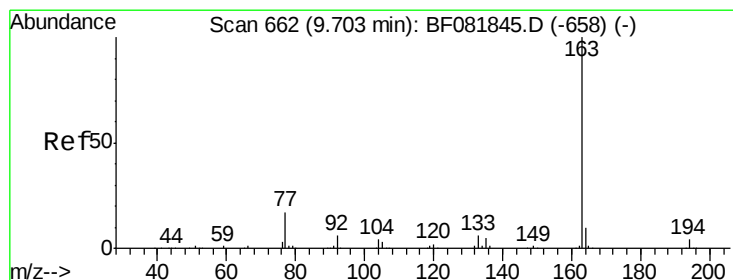
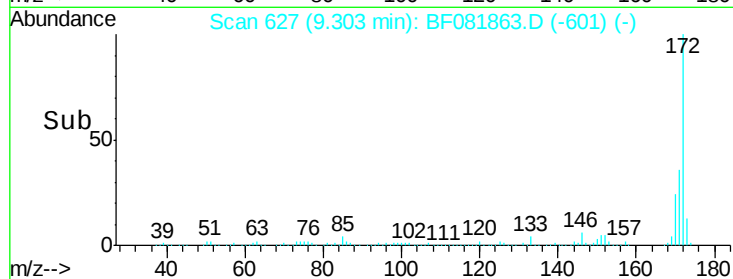
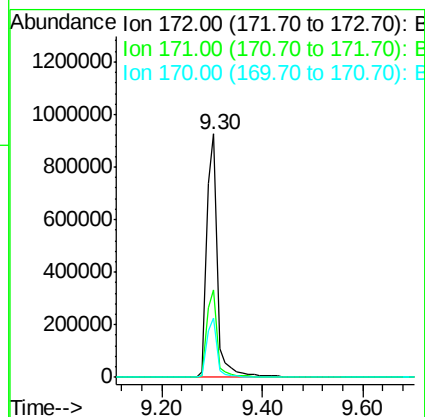
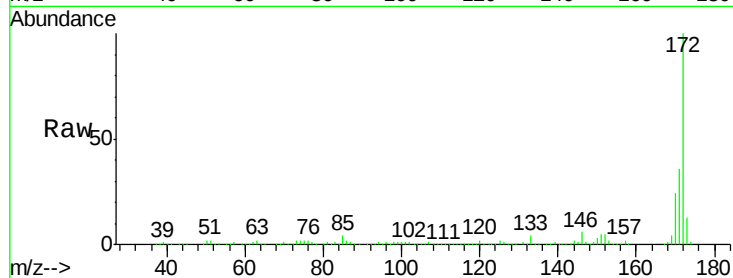




#44
 2-Fluorobiphenyl
 Concen: 108.89 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

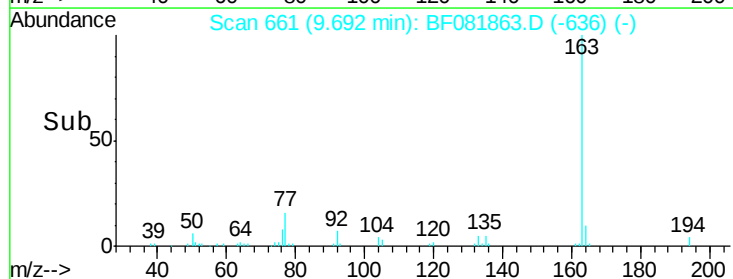
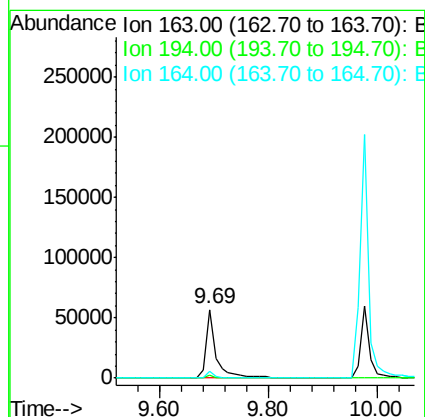
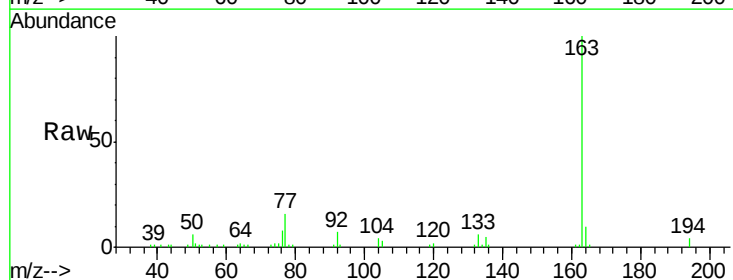
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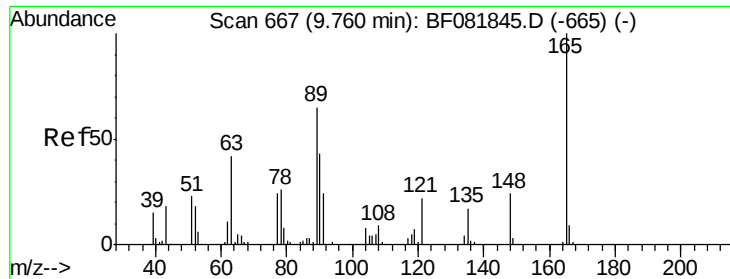
Tgt Ion:172 Resp: 1361541
 Ion Ratio Lower Upper
 172 100
 171 35.7 26.1 39.1
 170 24.5 17.4 26.2



#49
 Dimethylphthalate
 Concen: 4.84 ng
 RT: 9.69 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

Tgt Ion:163 Resp: 73822
 Ion Ratio Lower Upper
 163 100
 194 3.7 4.4 6.6#
 164 9.8 8.3 12.5

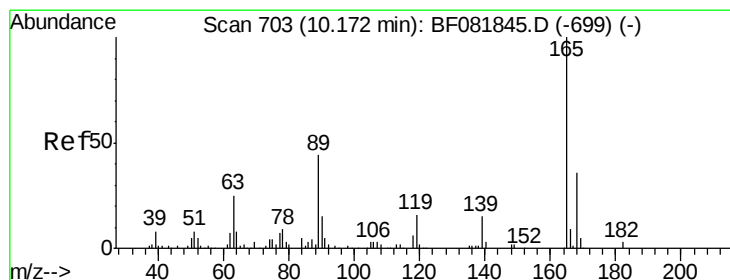
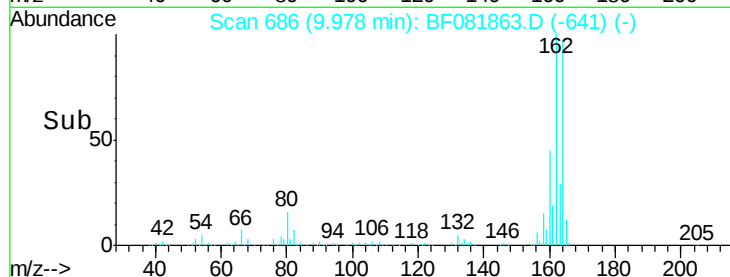
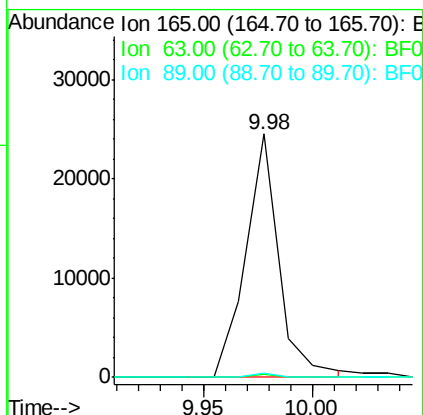
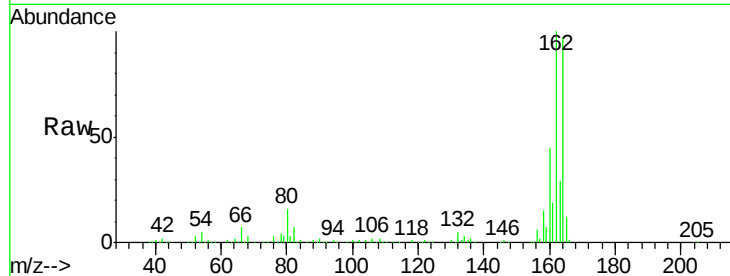




#50
 2,6-Dinitrotoluene
 Concen: 7.86 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.22 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

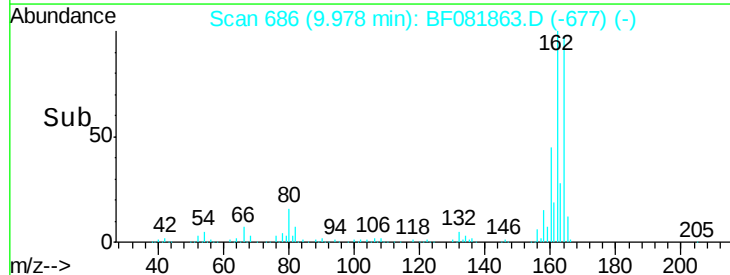
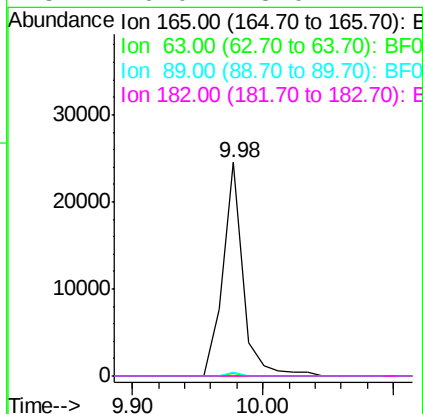
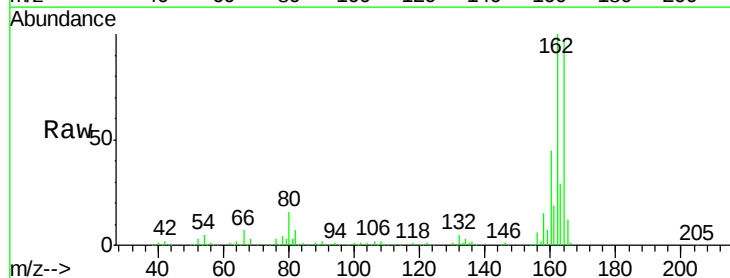
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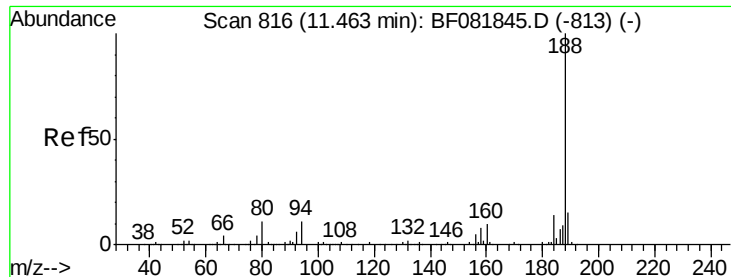
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.3	48.5#
89	1.7	28.6	43.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.31 ng
 RT: 9.98 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	29.8	44.6#
89	1.7	44.5	66.7#
182	0.0	3.0	4.4#

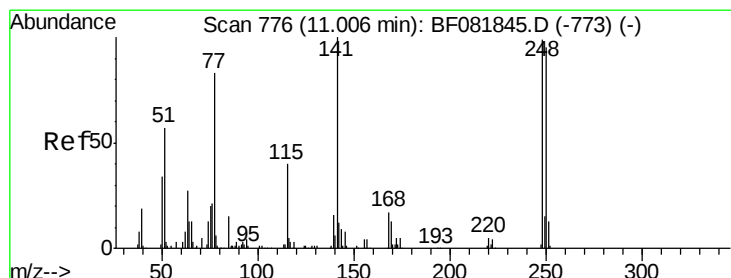
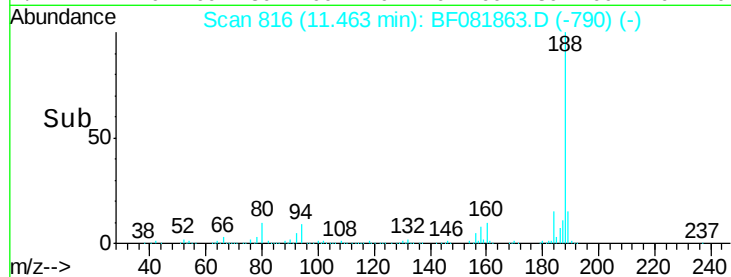
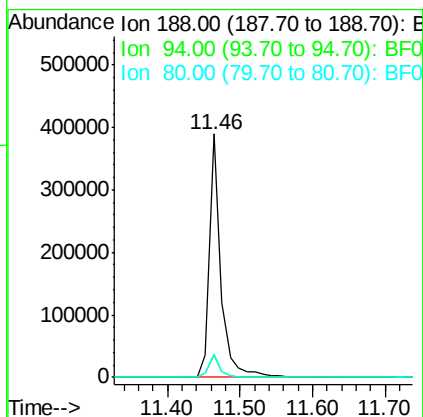
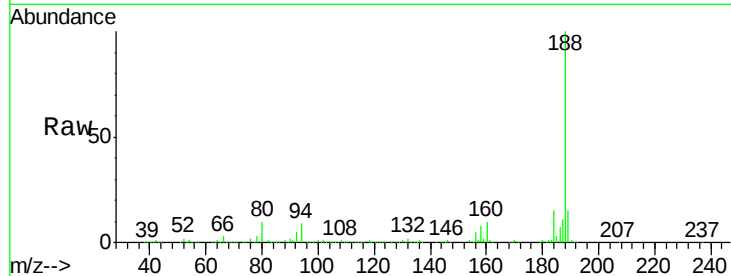




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.46 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

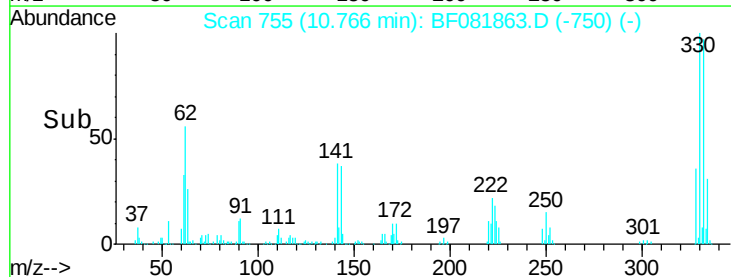
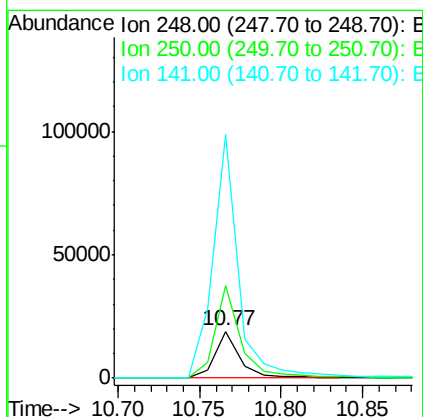
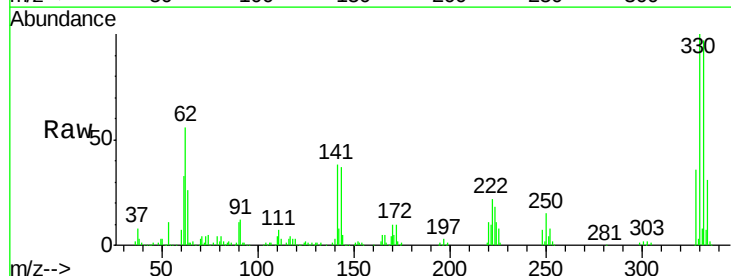
Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-9-16-15

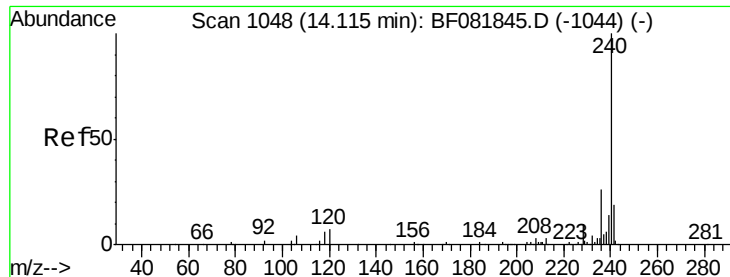
Tgt Ion:188 Resp: 425129
 Ion Ratio Lower Upper
 188 100
 94 8.9 11.1 16.7#
 80 9.7 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 4.82 ng
 RT: 10.77 min Scan# 755
 Delta R.T. -0.24 min
 Lab File: BF081863.D
 Acq: 29 Sep 2015 3:30

Tgt Ion:248 Resp: 20666
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.5 117.7#
 141 518.3 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: BF081863.D

Acq: 29 Sep 2015 3:30

Instrument :

BNA_F

ClientSampleId :

PZ-3-9-16-15

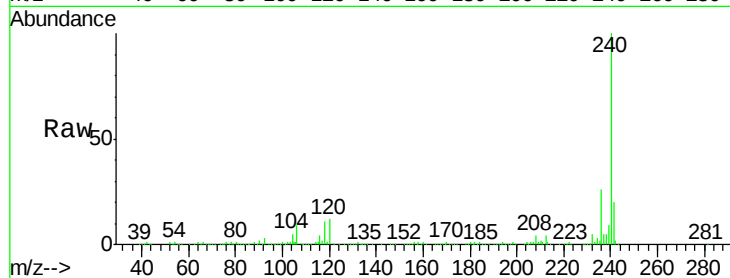
Tgt Ion:240 Resp: 377121

Ion Ratio Lower Upper

240 100

120 12.1 16.2 24.2#

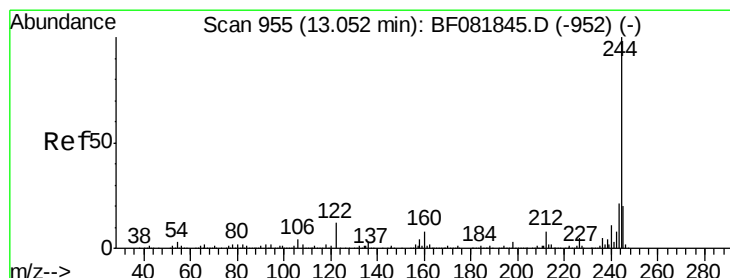
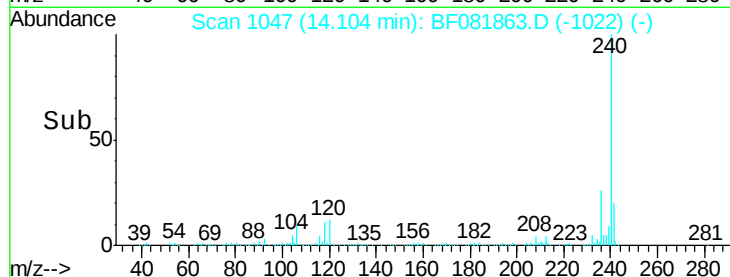
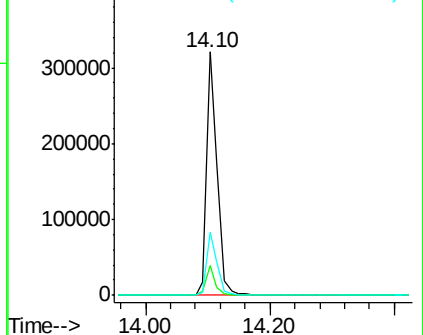
236 25.9 18.4 27.6



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: 122.23 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081863.D

Acq: 29 Sep 2015 3:30

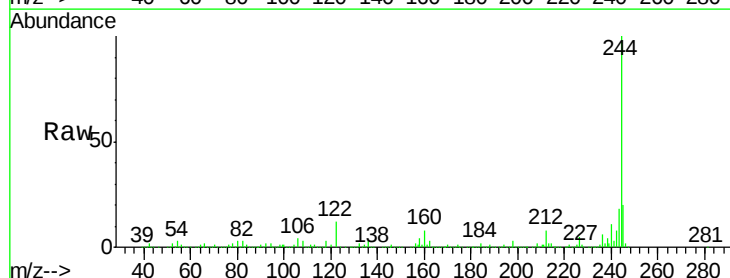
Tgt Ion:244 Resp: 1259459

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

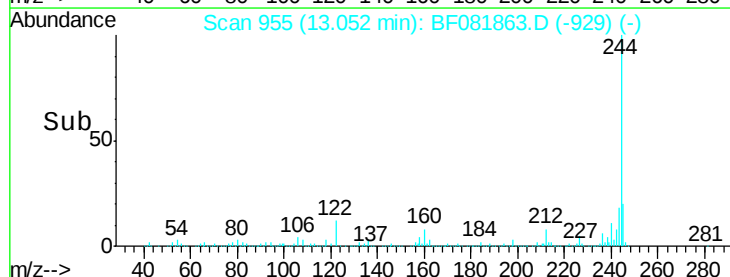
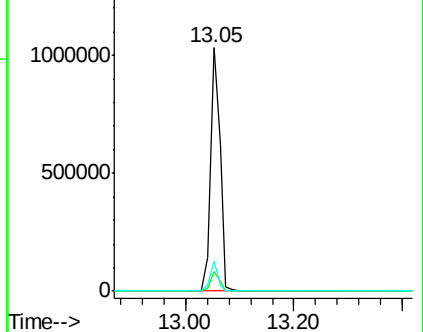
122 12.3 17.4 26.2#

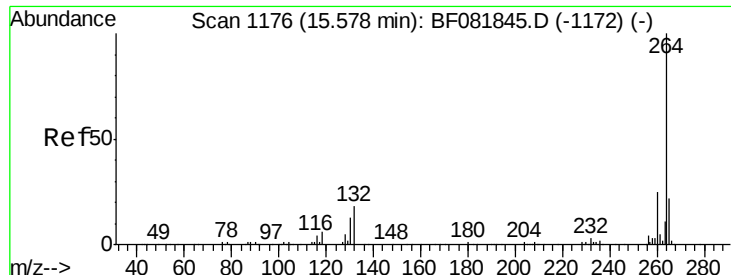


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

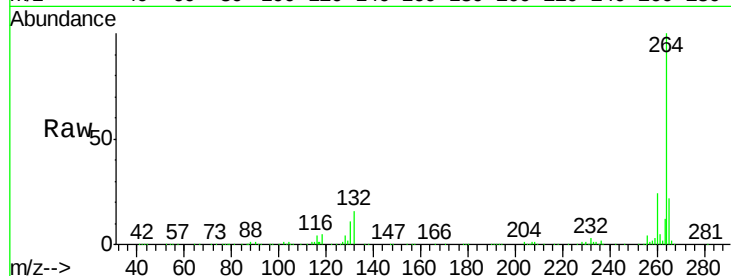




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081863.D
Acq: 29 Sep 2015 3:30

Instrument :
BNA_F
ClientSampleId :
PZ-3-9-16-15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	16.7	25.1
265	22.1	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

