

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081867.D
 Acq On : 29 Sep 2015 5:32
 Operator : UM/IZ
 Sample : G3717-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

Quant Time: Sep 29 05:58:25 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

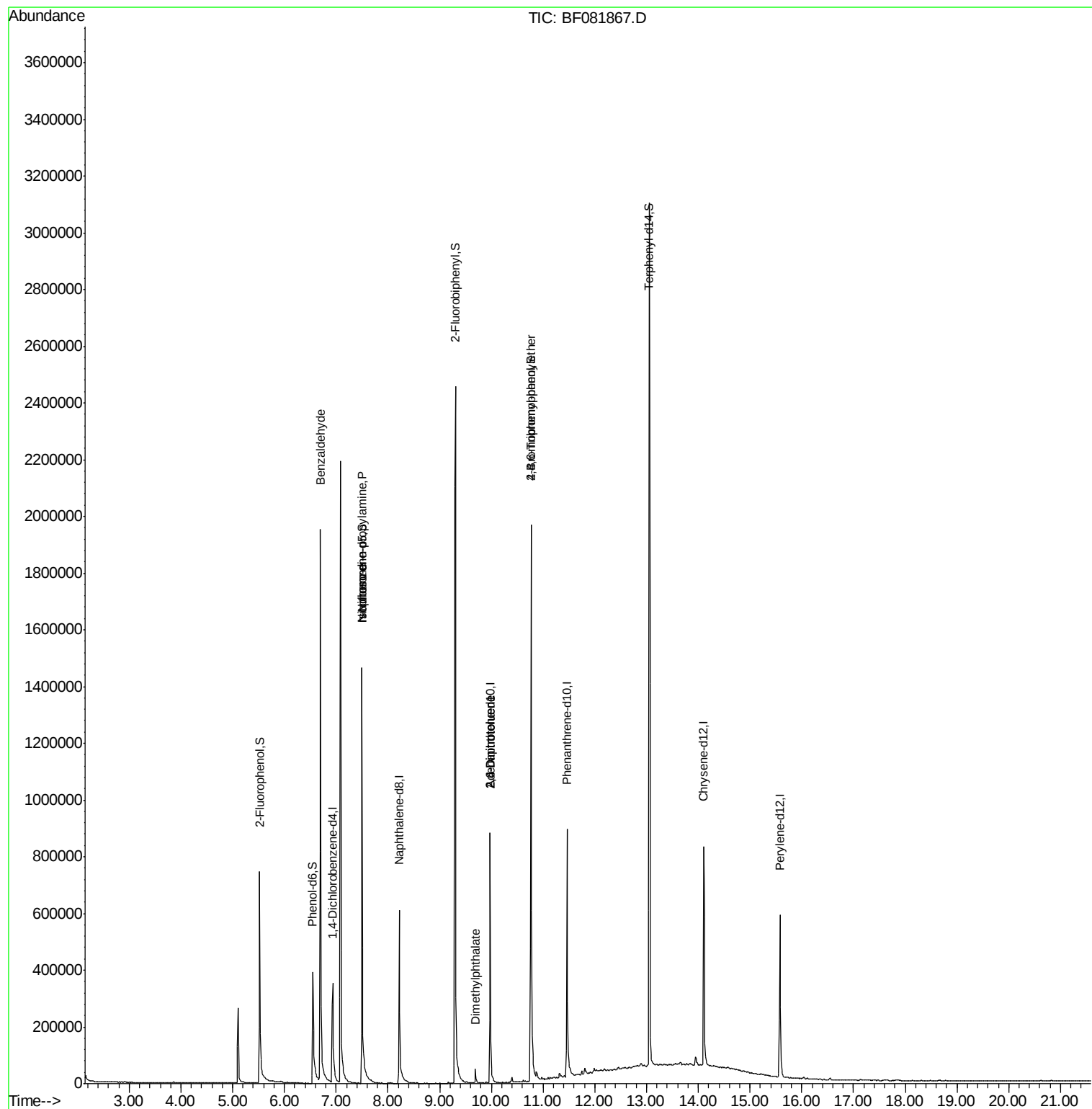
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	109551	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	447408	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	212338	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	417458	20.00	ng	0.00
75) Chrysene-d12	14.10	240	387226	20.00	ng	-0.01
86) Perylene-d12	15.58	264	303429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	315681	52.31	ng	0.00
7) Phenol-d6	6.55	99	271153	35.71	ng	-0.01
23) Nitrobenzene-d5	7.50	82	655615	97.68	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	309998	144.15	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1329632	111.40	ng	0.00
78) Terphenyl-d14	13.05	244	1202515	108.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	14169	2.85	ng	# 67
19) n-Nitroso-di-n-propylamine	7.50	70	83968	18.19	ng	# 60
25) Isophorone	7.50	82	620608	46.65	ng	# 58
49) Dimethylphthalate	9.69	163	34807	2.37	ng	# 97
50) 2,6-Dinitrotoluene	9.98	165	25917	8.14	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	26822	6.61	ng	# 33
57) Fluorene	10.77	166	12060	Below Cal		# 86
66) 4-Bromophenyl-phenylether	10.77	248	19808	4.71	ng	# 1
70) Phenanthrene	11.49	178	486	Below Cal		# 62
73) Di-n-butylphthalate	12.02	149	3631	Below Cal		# 82

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

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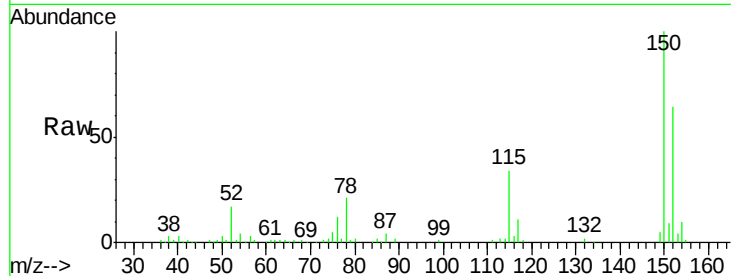




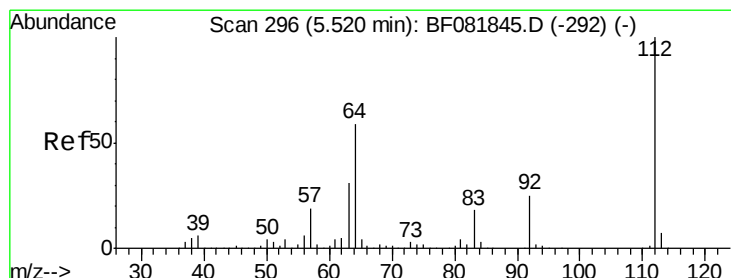
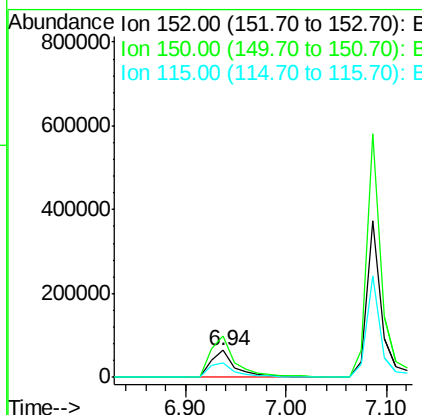
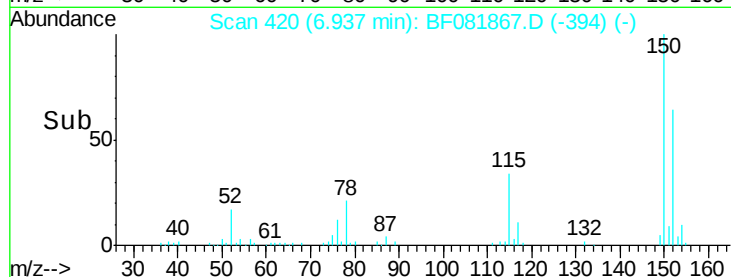
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.9	124.7	187.1
115	52.9	39.0	58.4

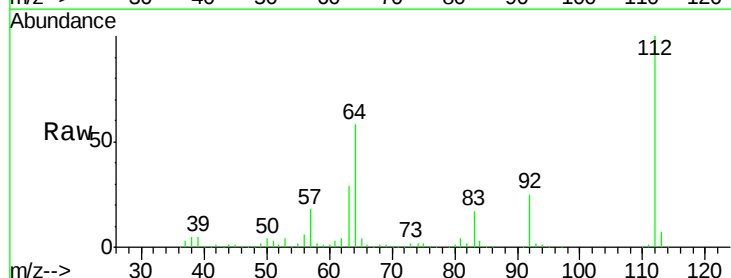


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

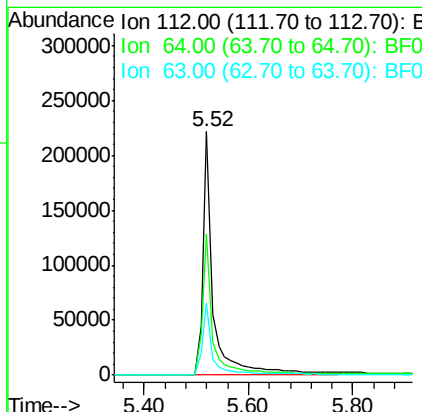
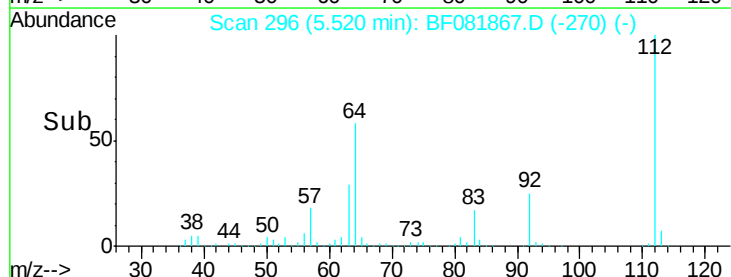


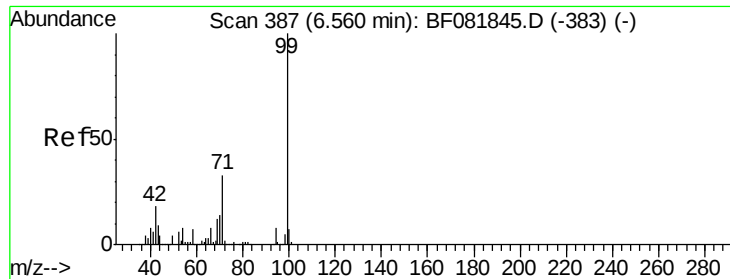
#5
 2-Fluorophenol
 Concen: 52.31 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.8	39.7	59.5
63	29.5	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: 35.71 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081867.D

Acq: 29 Sep 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

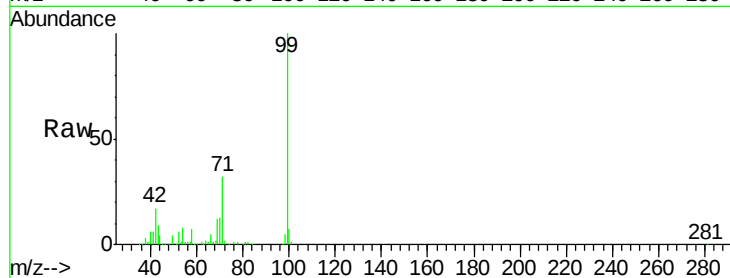
Tgt Ion: 99 Resp: 271153

Ion Ratio Lower Upper

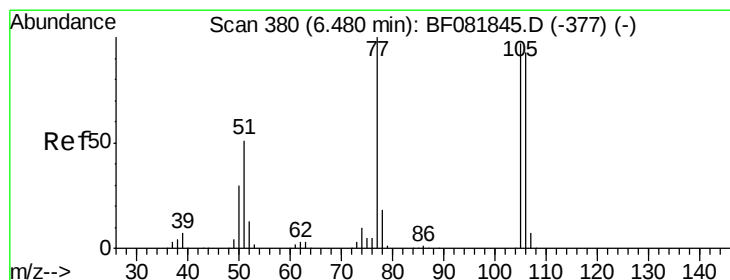
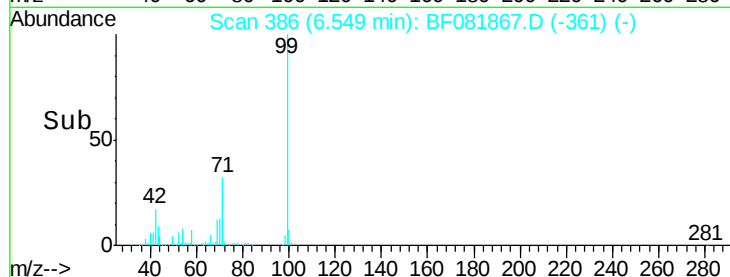
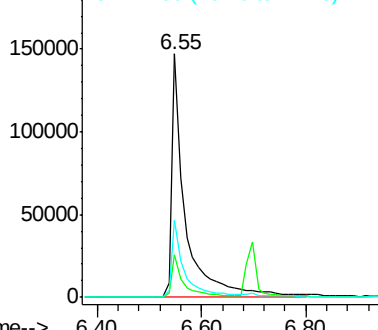
99 100

42 17.4 13.7 20.5

71 31.7 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



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081867.D

Acq: 29 Sep 2015 5:32

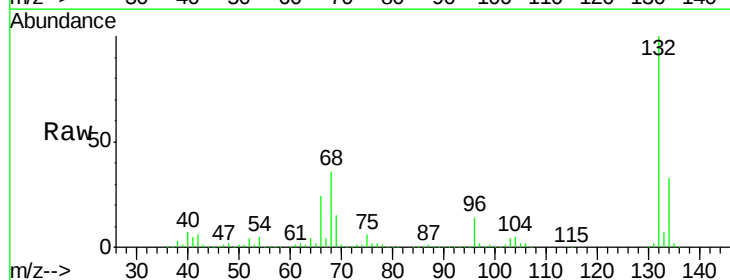
Tgt Ion: 77 Resp: 14169

Ion Ratio Lower Upper

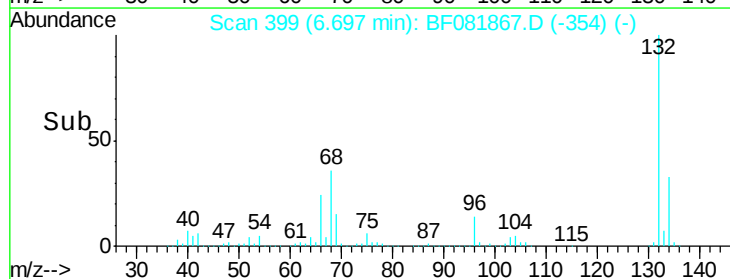
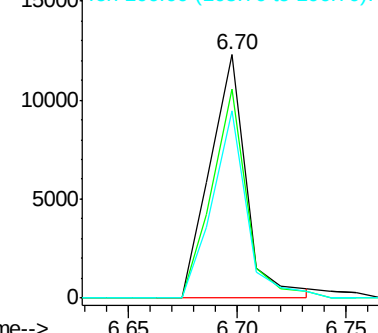
77 100

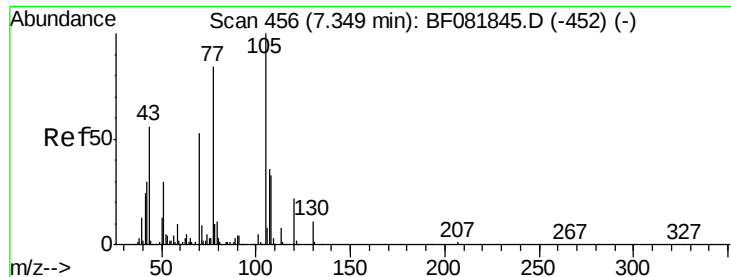
105 86.1 91.6 131.6#

106 77.0 102.6 142.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

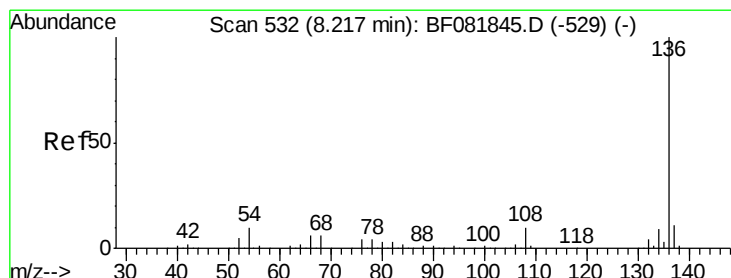
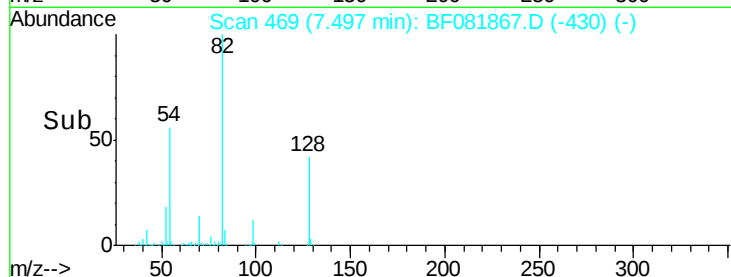
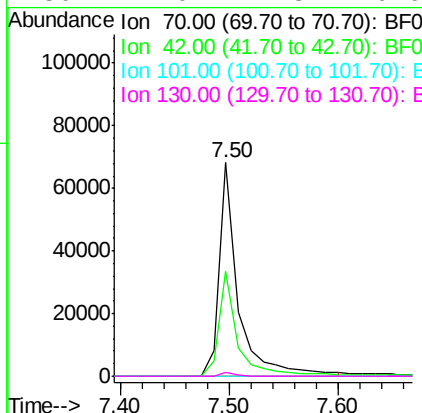
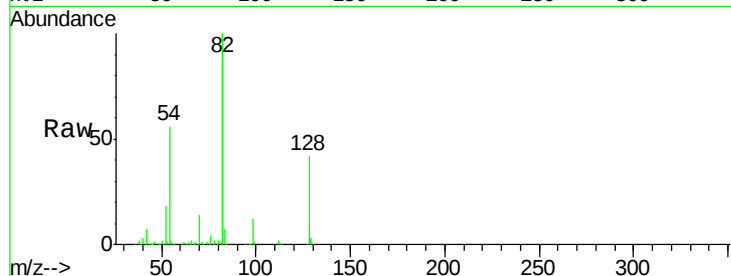




#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF081867.D
Acq: 29 Sep 2015 5:32

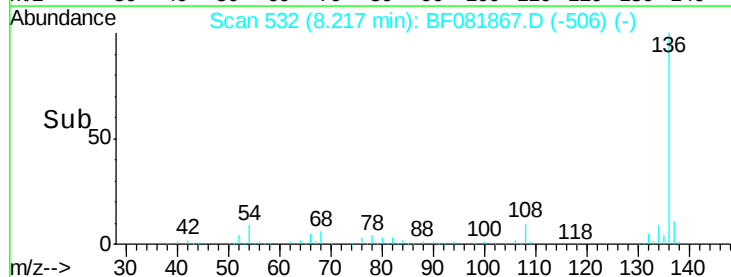
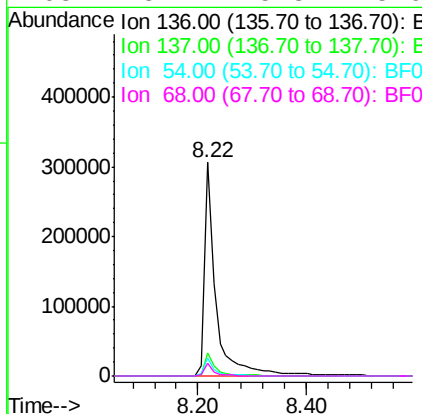
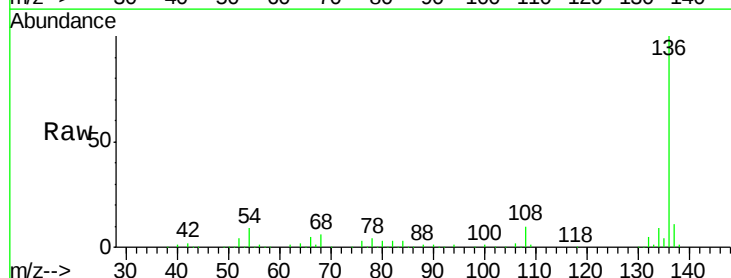
Instrument :
BNA_F
ClientSampleId :
MW-9-9-16-15

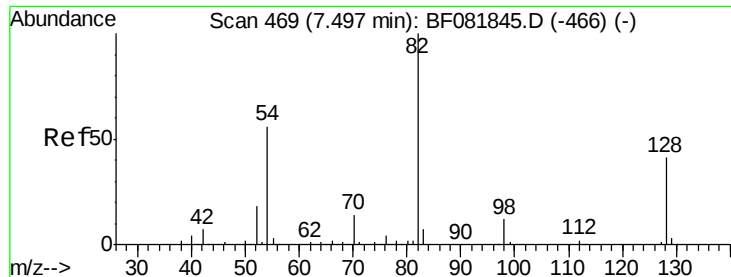
Tgt Ion: 70 Resp: 83968
Ion Ratio Lower Upper
70 100
42 49.0 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081867.D
Acq: 29 Sep 2015 5:32

Tgt Ion: 136 Resp: 447408
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 8.6 8.2 12.2
68 5.7 5.8 8.6#

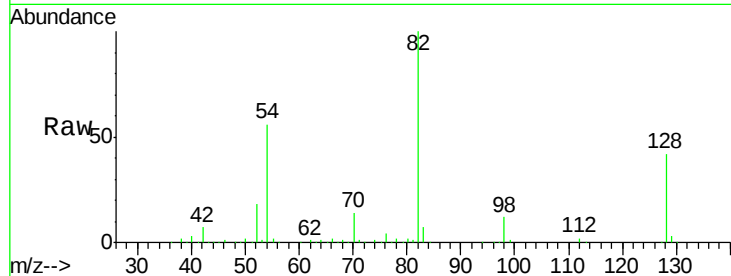




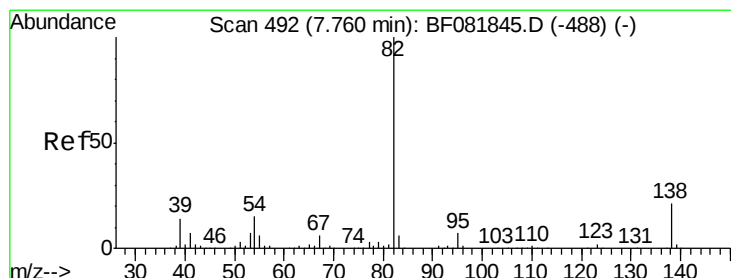
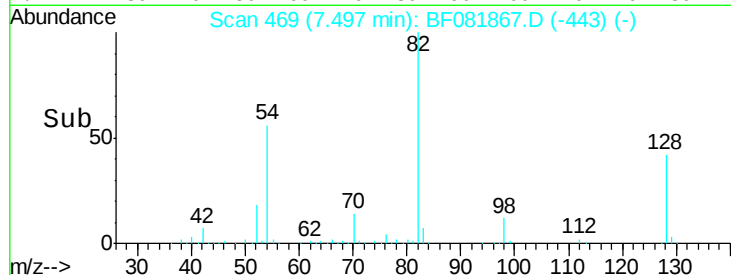
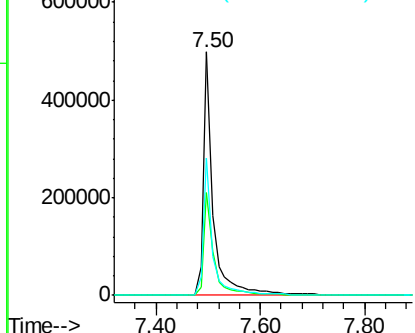
#23
 Nitrobenzene-d5
 Concen: 97.68 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

Tgt Ion: 82 Resp: 655615
 Ion Ratio Lower Upper
 82 100
 128 42.4 51.0 76.6#
 54 56.2 47.5 71.3

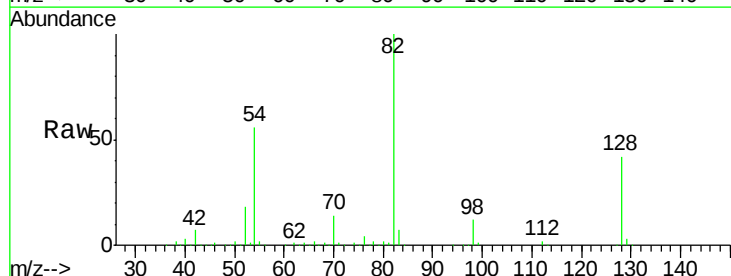


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

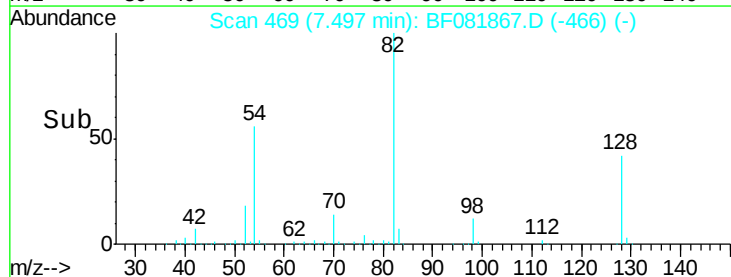
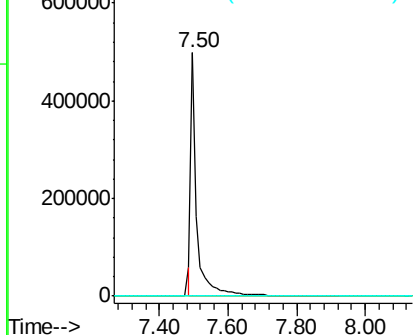


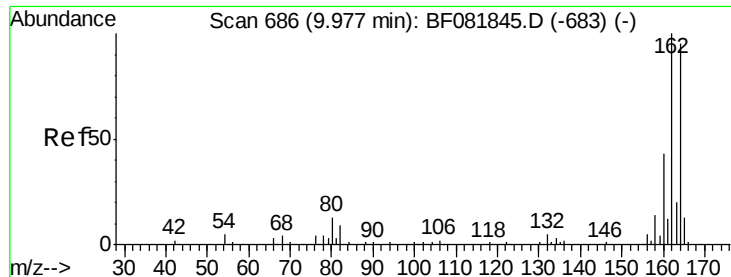
#25
 Isophorone
 Concen: 46.65 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.26 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Tgt Ion: 82 Resp: 620608
 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: BF081867.D

Acq: 29 Sep 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

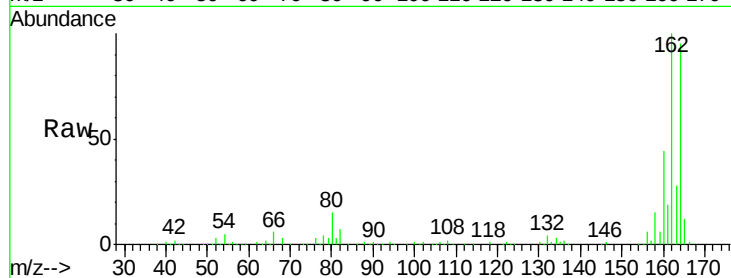
Tgt Ion:164 Resp: 212338

Ion Ratio Lower Upper

164 100

162 104.7 75.2 112.8

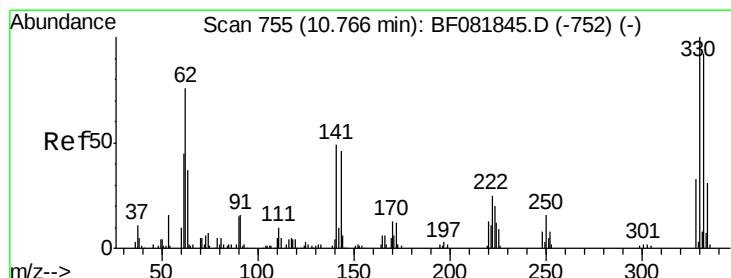
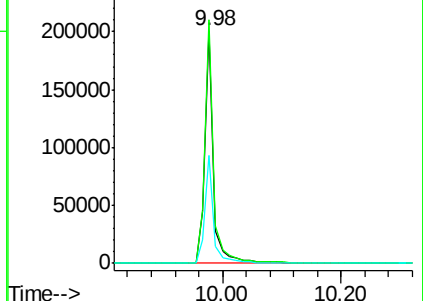
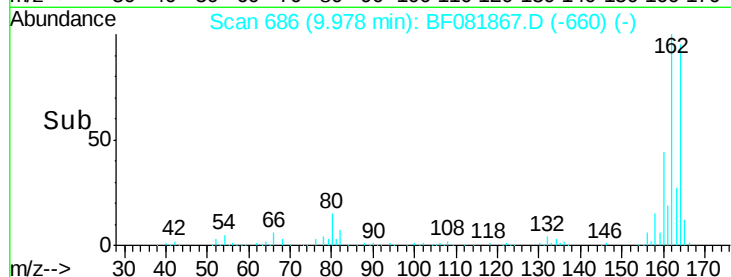
160 46.2 31.5 47.3



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: 144.15 ng

RT: 10.77 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF081867.D

Acq: 29 Sep 2015 5:32

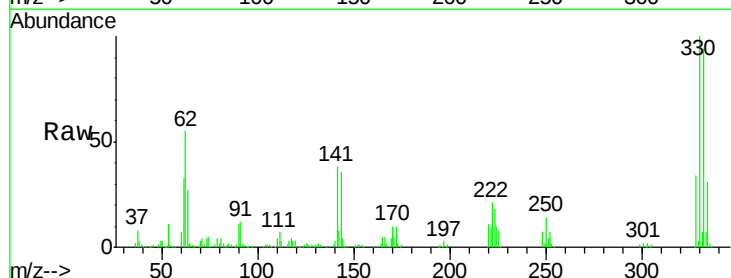
Tgt Ion:330 Resp: 309998

Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

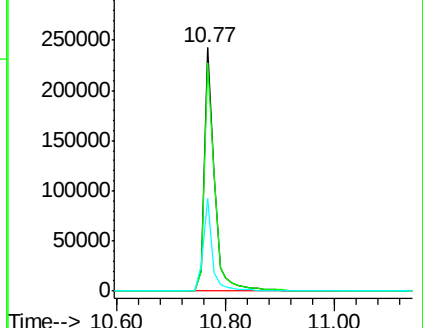
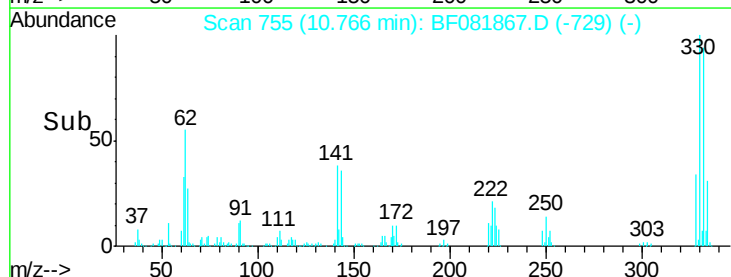
141 34.9 29.7 44.5

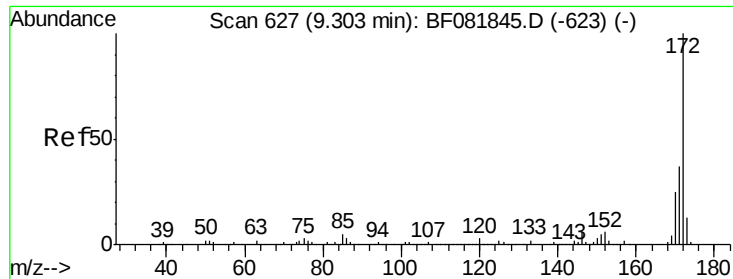


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

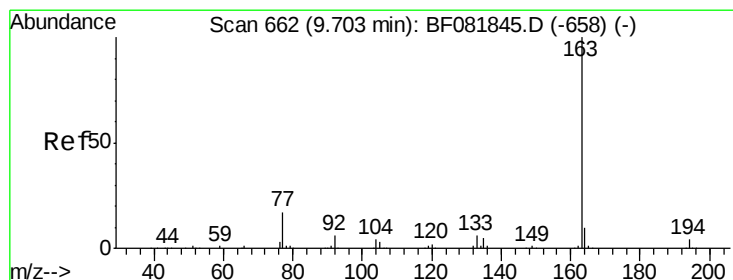
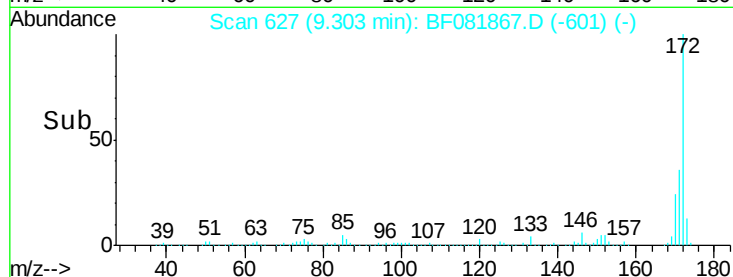
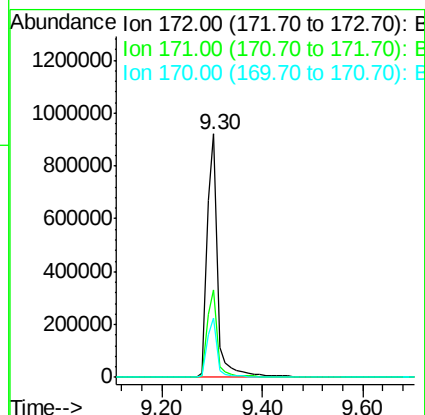
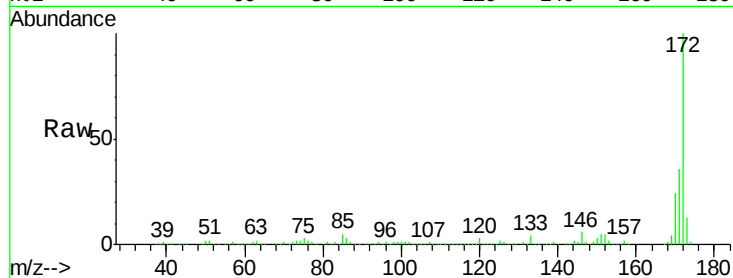




#44
 2-Fluorobiphenyl
 Concen: 111.40 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

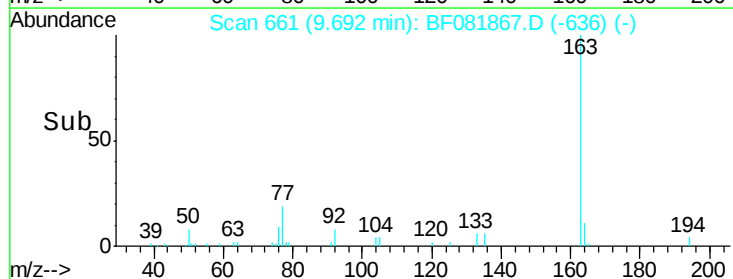
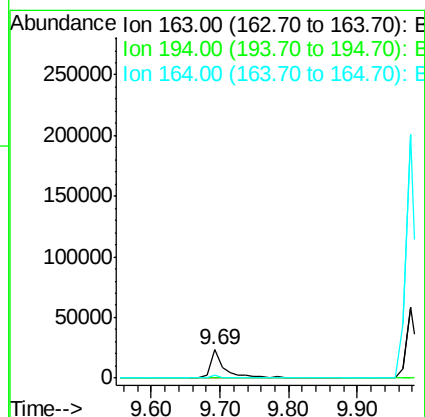
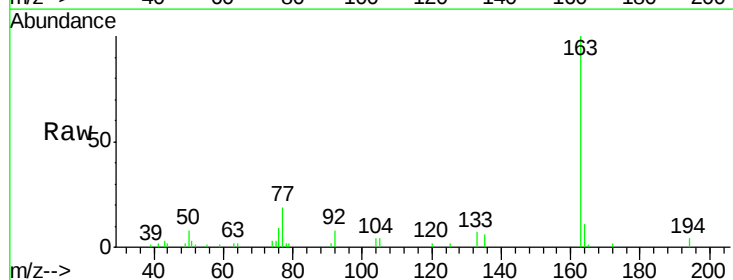
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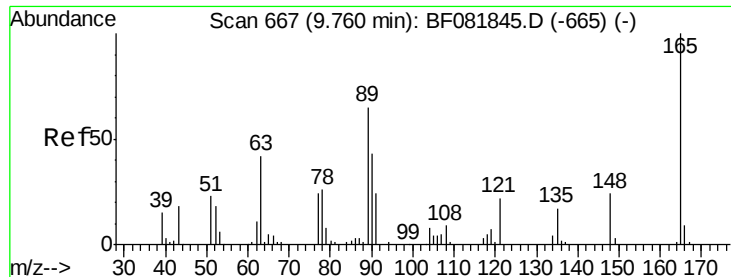
Tgt Ion:172 Resp: 1329632
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.3 17.4 26.2



#49
 Dimethylphthalate
 Concen: 2.37 ng
 RT: 9.69 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Tgt Ion:163 Resp: 34807
 Ion Ratio Lower Upper
 163 100
 194 3.6 4.4 6.6#
 164 10.9 8.3 12.5

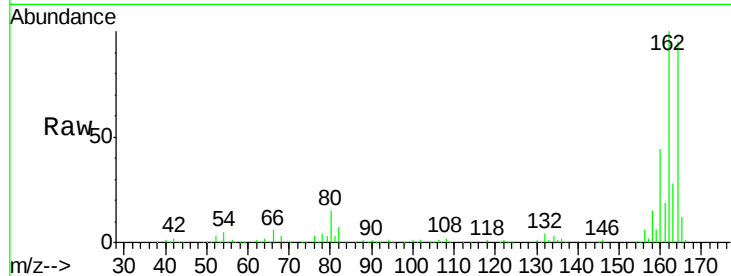




#50
 2,6-Dinitrotoluene
 Concen: 8.14 ng
 RT: 9.98 min Scan# 686
 Delta R.T. 0.22 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

Instrument :
 BNA_F
 ClientSampleId :
 MW-9-9-16-15

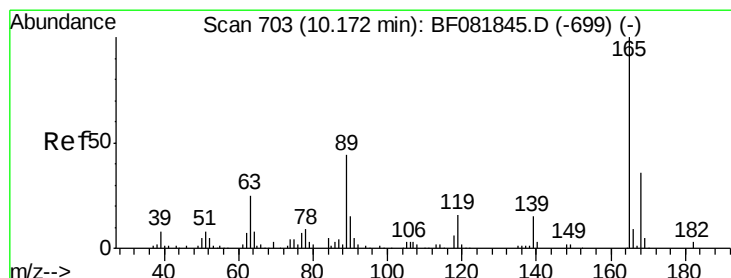
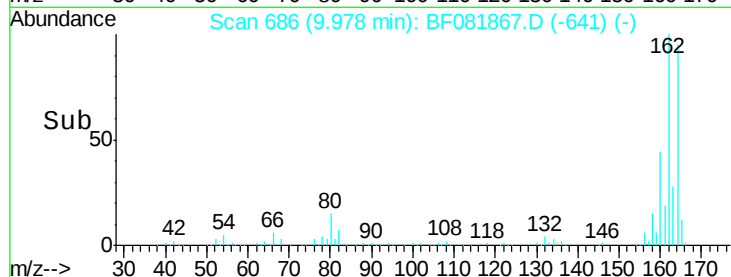
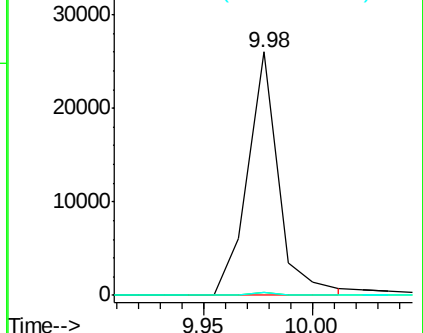
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.4	28.6	43.0#



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: 9.98 min Scan# 686
 Delta R.T. -0.19 min
 Lab File: BF081867.D
 Acq: 29 Sep 2015 5:32

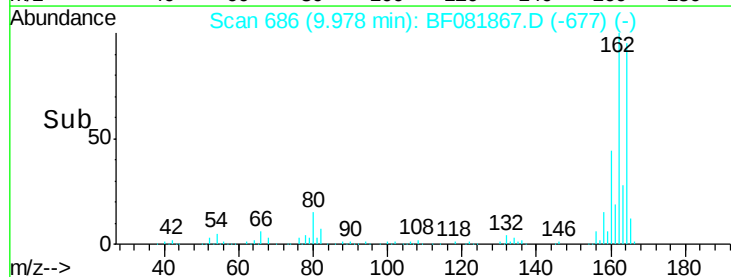
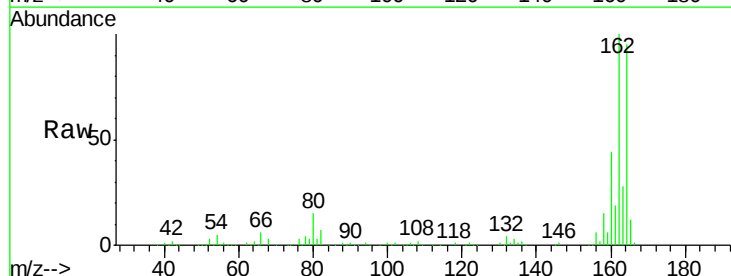
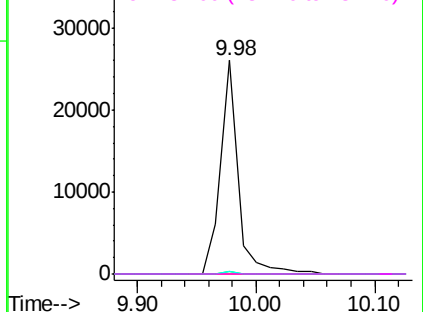
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.4	44.5	66.7#
182	0.0	3.0	4.4#

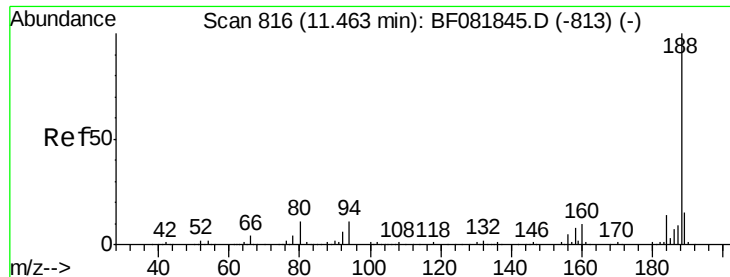
Abundance Ion 165.00 (164.70 to 165.70): E

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

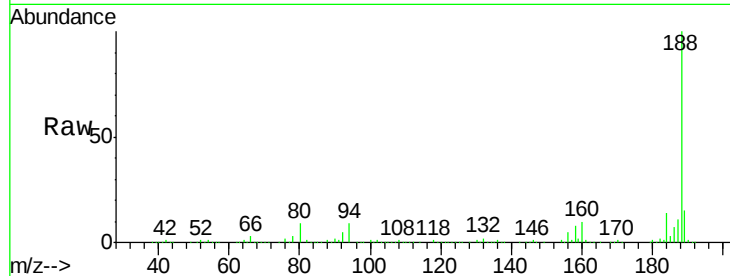




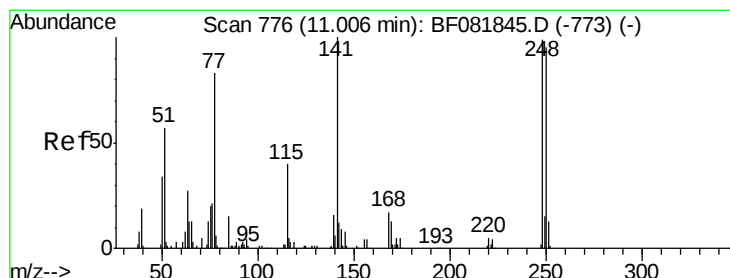
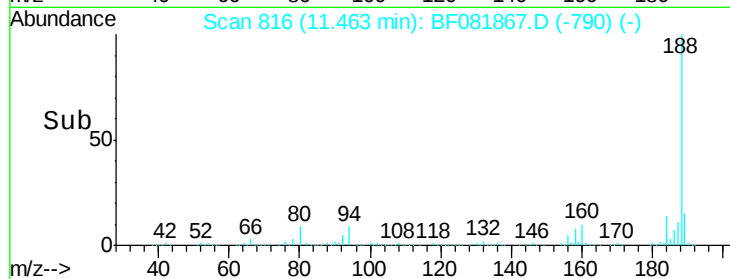
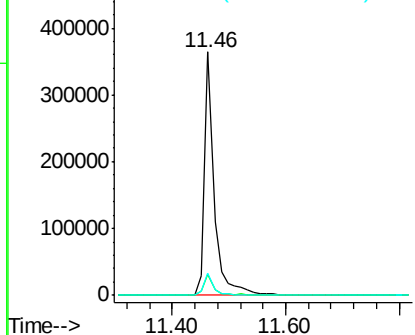
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081867.D
Acq: 29 Sep 2015 5:32

Instrument :
BNA_F
ClientSampleId :
MW-9-9-16-15

Tgt Ion:188 Resp: 417458
Ion Ratio Lower Upper
188 100
94 8.8 11.1 16.7#
80 9.4 11.0 16.4#

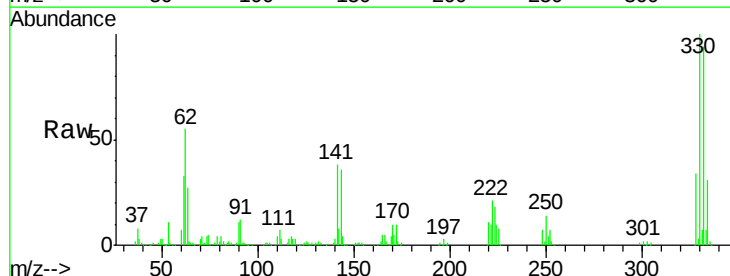


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

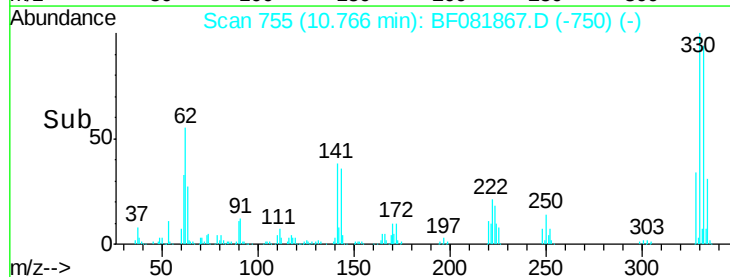
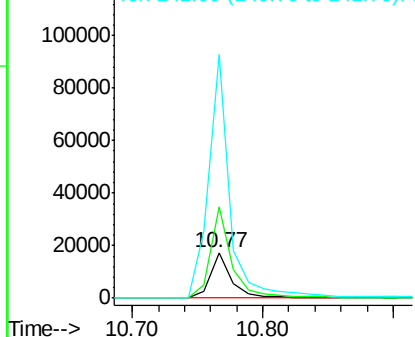


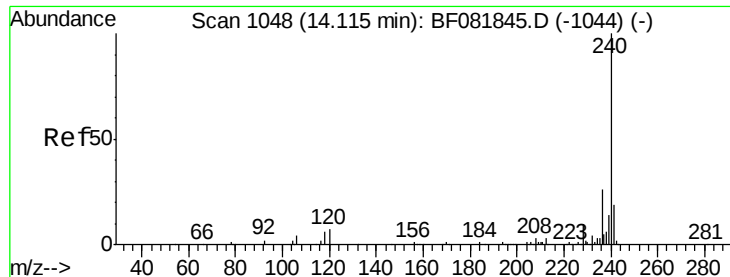
#66
4-Bromophenyl-phenylether
Concen: 4.71 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF081867.D
Acq: 29 Sep 2015 5:32

Tgt Ion:248 Resp: 19808
Ion Ratio Lower Upper
248 100
250 198.8 78.5 117.7#
141 533.3 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.10 min Scan# 1047

Delta R.T. -0.01 min

Lab File: BF081867.D

Acq: 29 Sep 2015 5:32

Instrument :

BNA_F

ClientSampleId :

MW-9-9-16-15

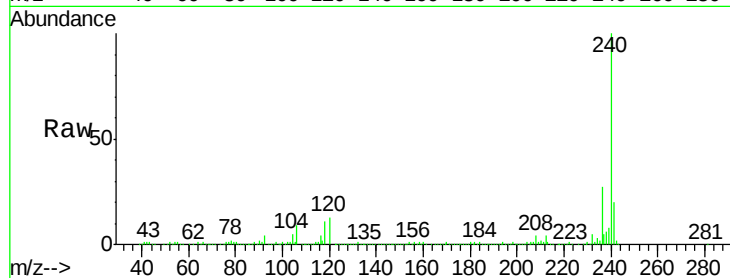
Tgt Ion:240 Resp: 387226

Ion Ratio Lower Upper

240 100

120 12.6 16.2 24.2#

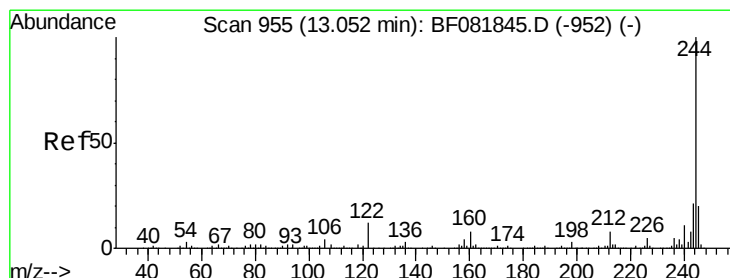
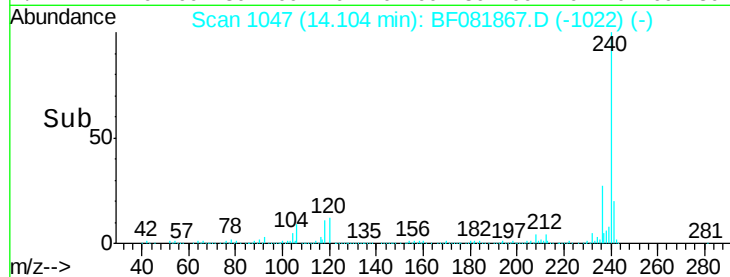
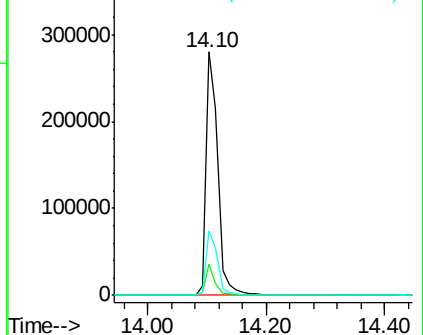
236 26.7 18.4 27.6



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: 108.37 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081867.D

Acq: 29 Sep 2015 5:32

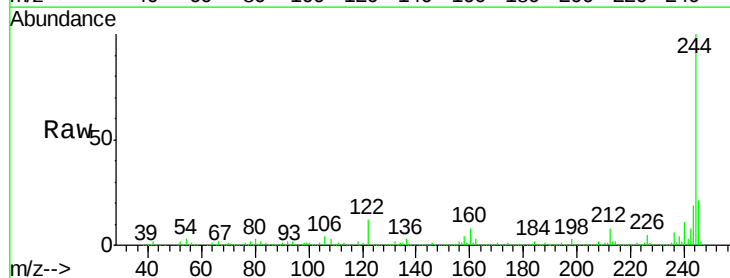
Tgt Ion:244 Resp: 1202515

Ion Ratio Lower Upper

244 100

212 8.0 4.3 6.5#

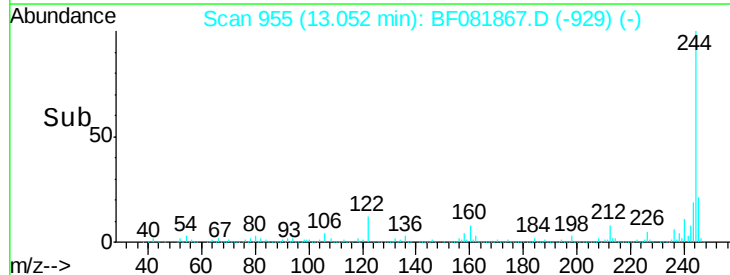
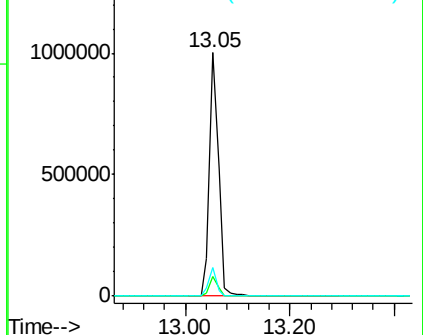
122 11.9 17.4 26.2#

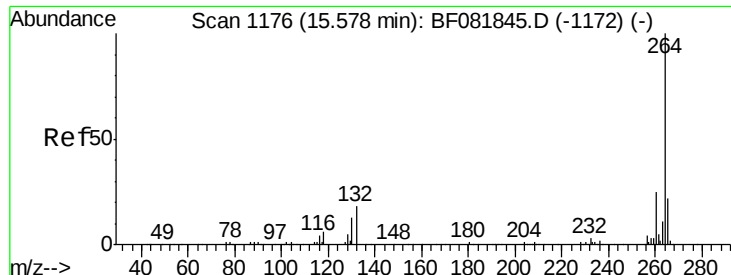


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

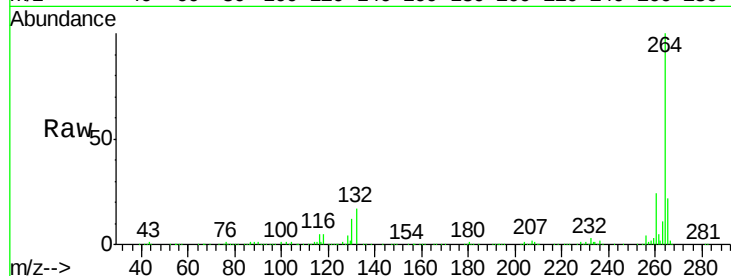




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081867.D
Acq: 29 Sep 2015 5:32

Instrument :
BNA_F
ClientSampleId :
MW-9-9-16-15

Tgt Ion: 264 Resp: 303429
Ion Ratio Lower Upper
264 100
260 24.3 16.7 25.1
265 21.6 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

