

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081869.D
 Acq On : 29 Sep 2015 6:33
 Operator : UM/IZ
 Sample : G3717-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-1-9-17-15

Quant Time: Sep 29 08:18:58 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	103466	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	421948	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	201440	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	398996	20.00	ng	0.00
75) Chrysene-d12	14.10	240	387155	20.00	ng	-0.01
86) Perylene-d12	15.58	264	296604	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	381059	66.86	ng	0.00
7) Phenol-d6	6.55	99	335467	46.77	ng	-0.01
23) Nitrobenzene-d5	7.50	82	689423	108.92	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	329065	161.30	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1355138	123.05	ng	0.00
78) Terphenyl-d14	13.06	244	1347205	131.71	ng	0.01

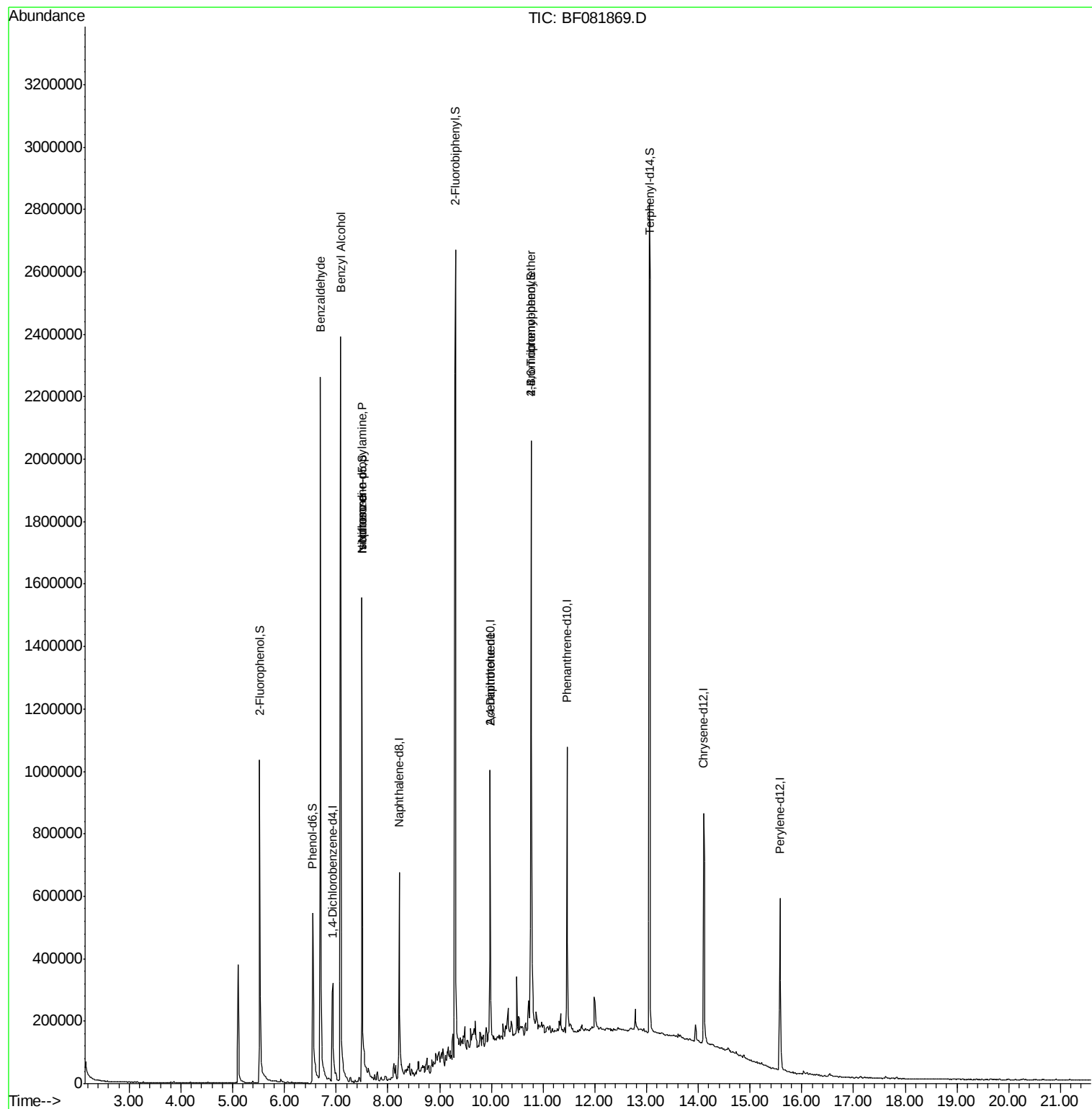
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	16099	3.43	ng	# 64
15) Benzyl Alcohol	7.09	79	11382	2.20	ng	# 30
19) n-Nitroso-di-n-propylamine	7.50	70	90995	20.88	ng	# 59
25) Isophorone	7.50	82	625532	49.86	ng	# 58
56) 2,4-Dinitrotoluene	9.98	165	27994	7.27	ng	# 35
57) Fluorene	10.53	166	845	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.77	248	20525	5.10	ng	# 1
70) Phenanthrene	11.49	178	1090	Below Cal		# 1
73) Di-n-butylphthalate	12.02	149	3707	Below Cal		# 67

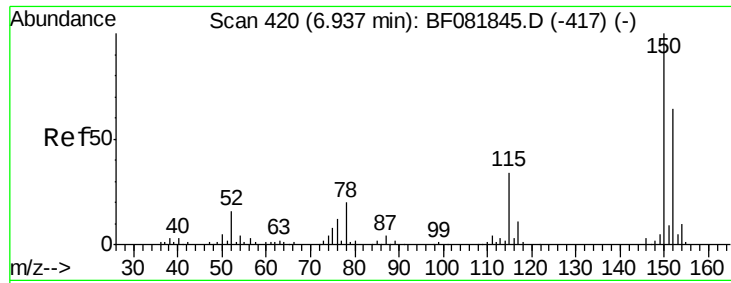
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

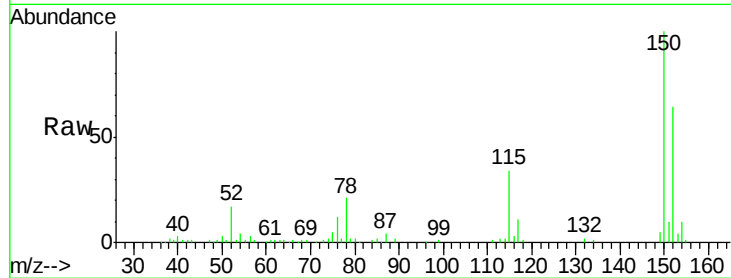
Tgt Ion:152 Resp: 103466

Ion Ratio Lower Upper

152 100

150 155.4 124.7 187.1

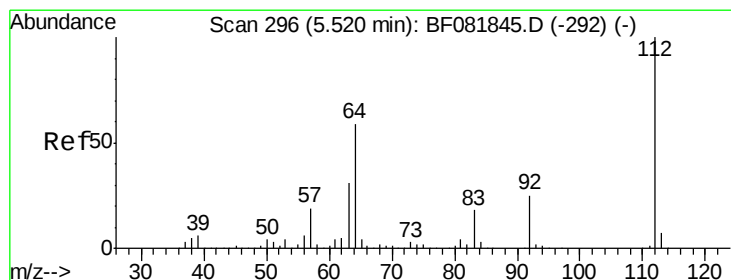
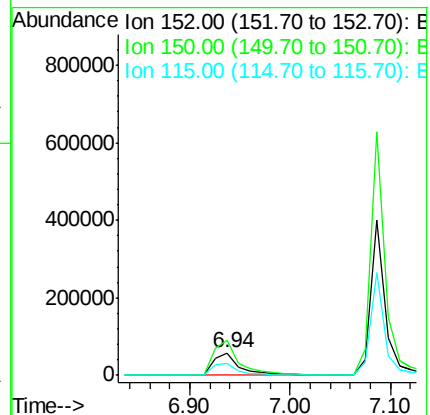
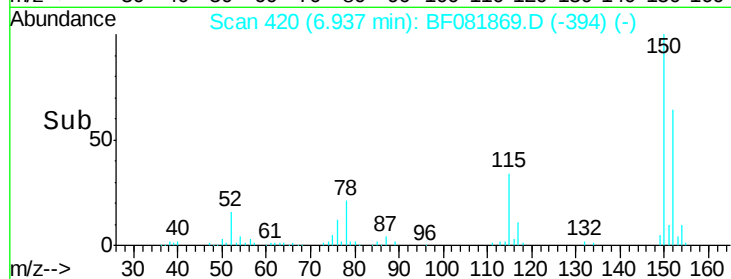
115 52.2 39.0 58.4



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: 66.86 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

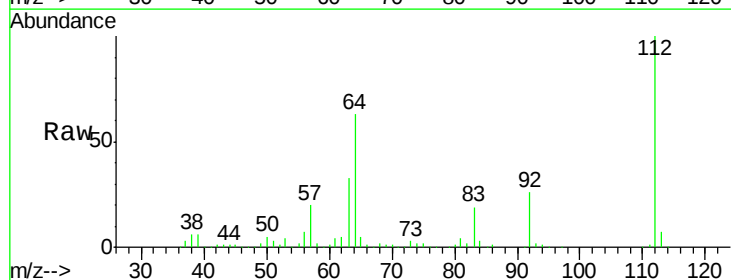
Tgt Ion:112 Resp: 381059

Ion Ratio Lower Upper

112 100

64 62.9 39.7 59.5#

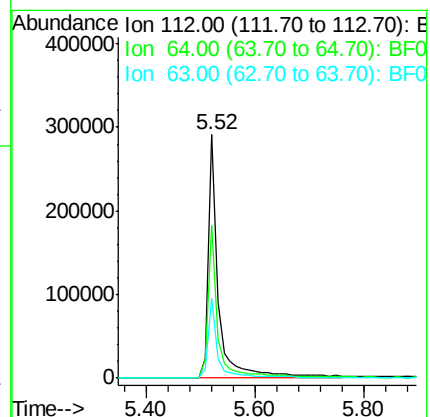
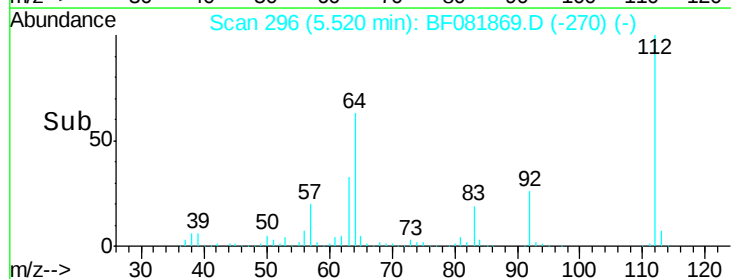
63 32.7 17.4 26.0#

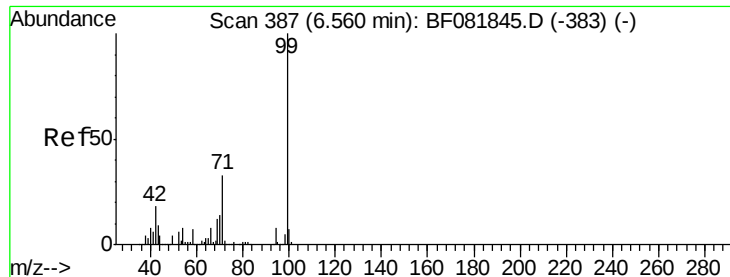


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.77 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

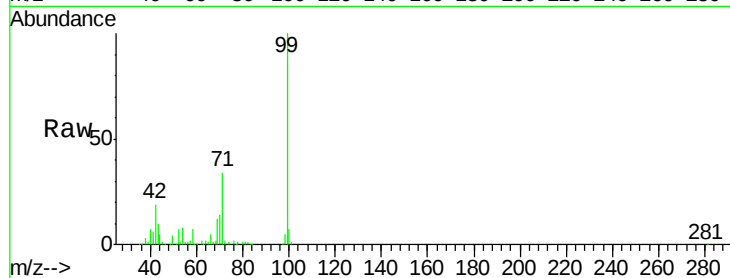
Tgt Ion: 99 Resp: 335467

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

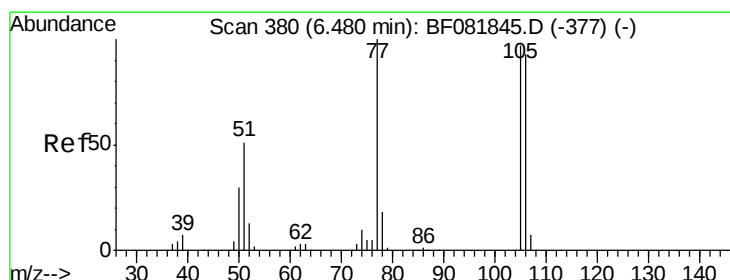
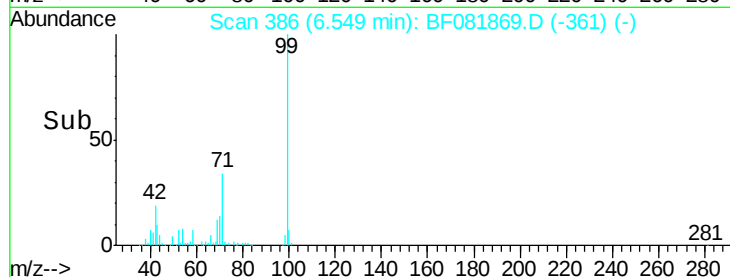
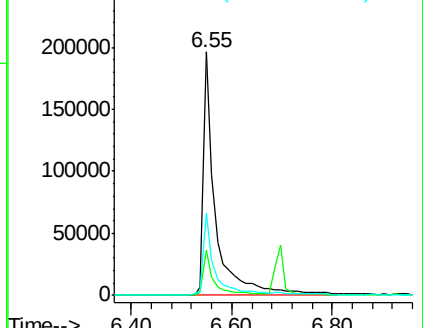
71 33.8 14.2 21.2#



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: 3.43 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

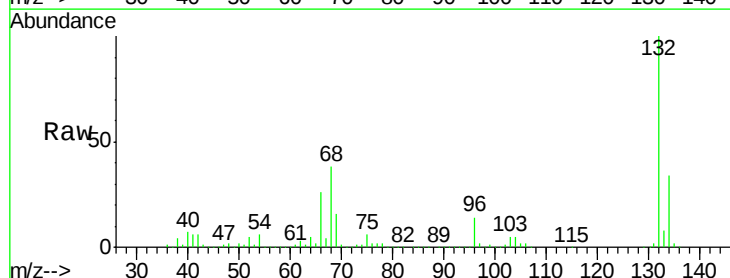
Tgt Ion: 77 Resp: 16099

Ion Ratio Lower Upper

77 100

105 83.0 91.6 131.6#

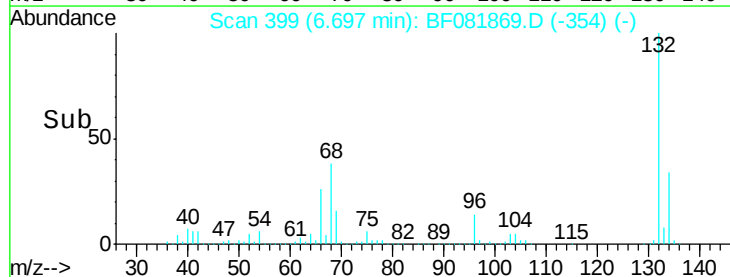
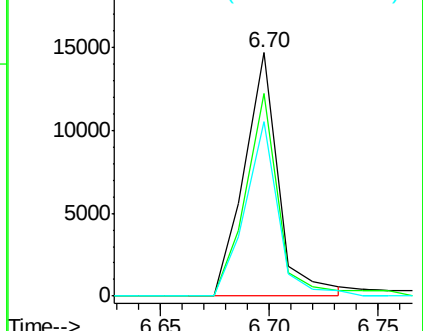
106 71.9 102.6 142.6#

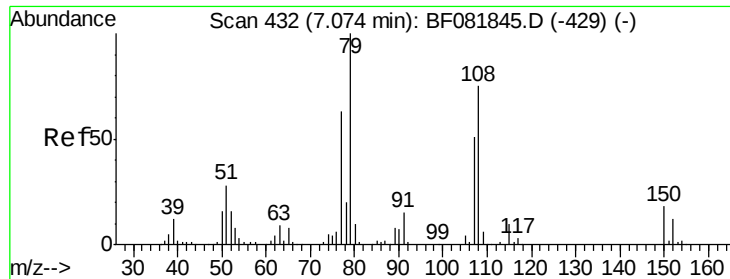


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

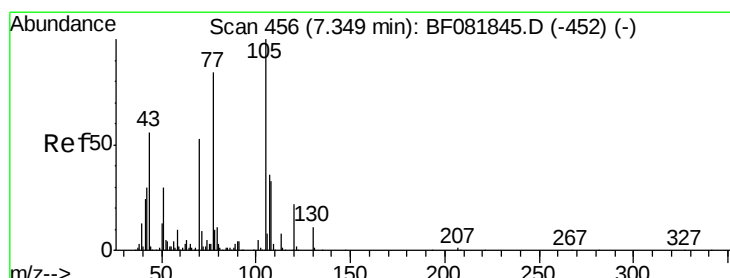
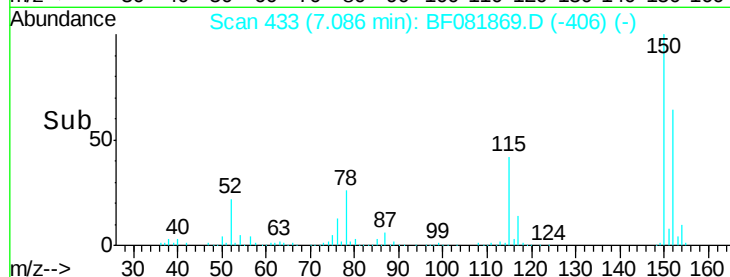
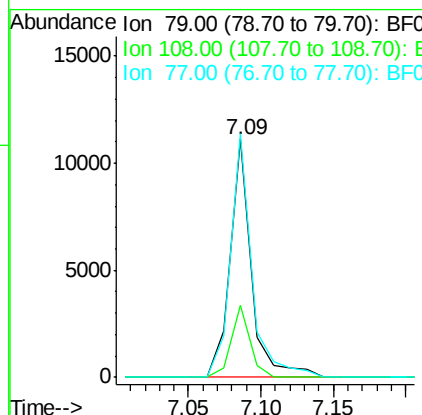
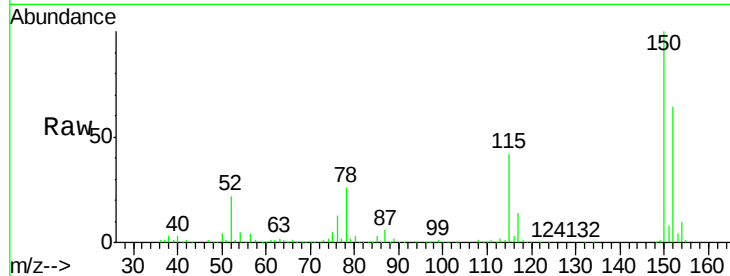




#15
Benzyl Alcohol
Concen: 2.20 ng
RT: 7.09 min Scan# 433
Delta R.T. 0.01 min
Lab File: BF081869.D
Acq: 29 Sep 2015 6:33

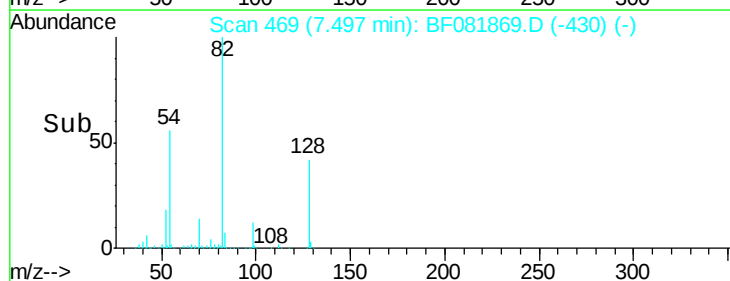
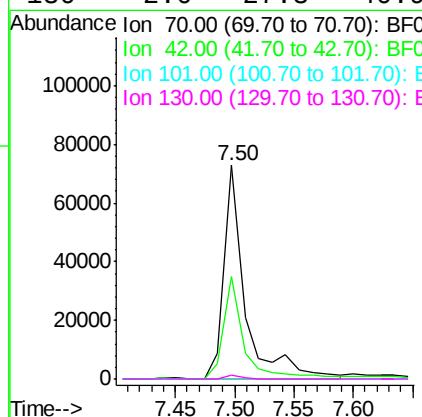
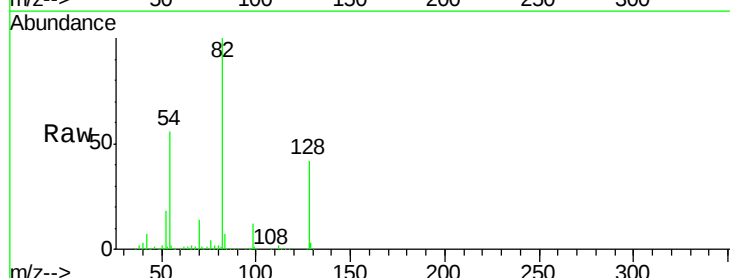
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15

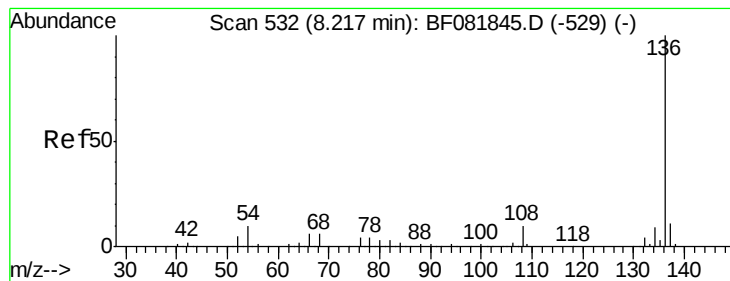
Tgt Ion: 79 Resp: 11382
Ion Ratio Lower Upper
79 100
108 30.0 88.6 132.8#
77 102.3 47.0 70.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.88 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.15 min
Lab File: BF081869.D
Acq: 29 Sep 2015 6:33

Tgt Ion: 70 Resp: 90995
Ion Ratio Lower Upper
70 100
42 47.7 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: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

Tgt Ion: 136 Resp: 421948

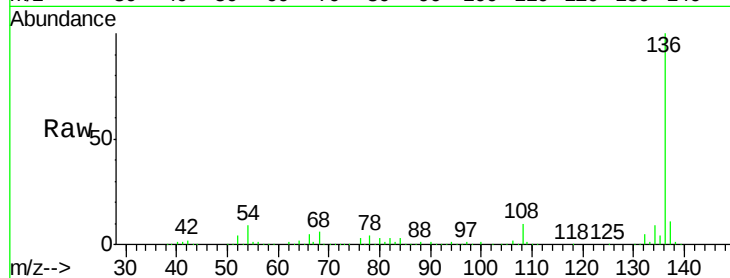
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.5 8.2 12.2

68 5.7 5.8 8.6#

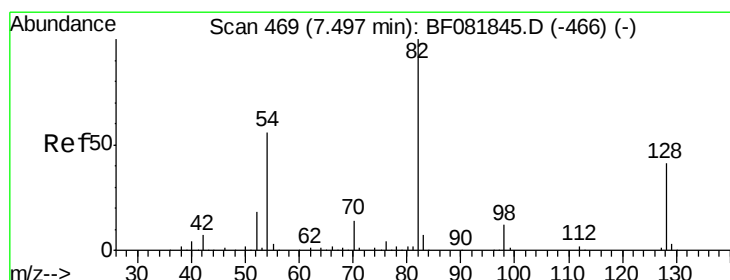
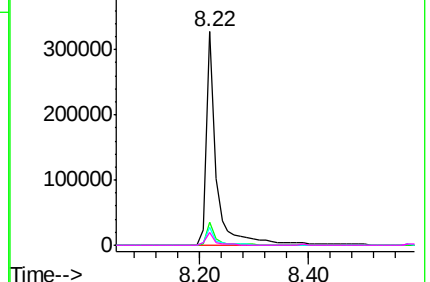
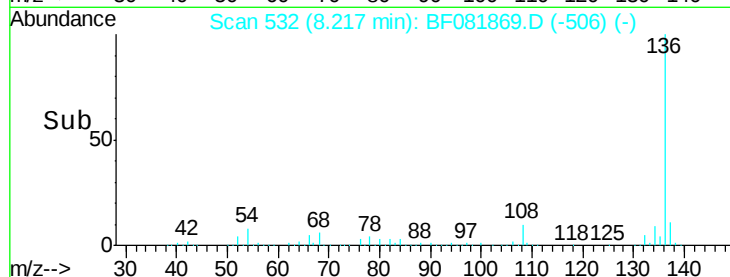


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.92 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

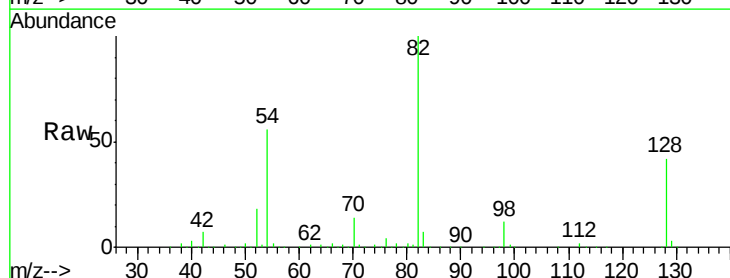
Tgt Ion: 82 Resp: 689423

Ion Ratio Lower Upper

82 100

128 41.7 51.0 76.6#

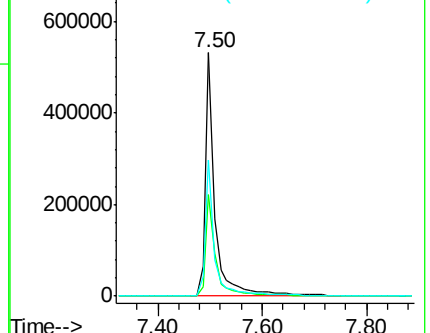
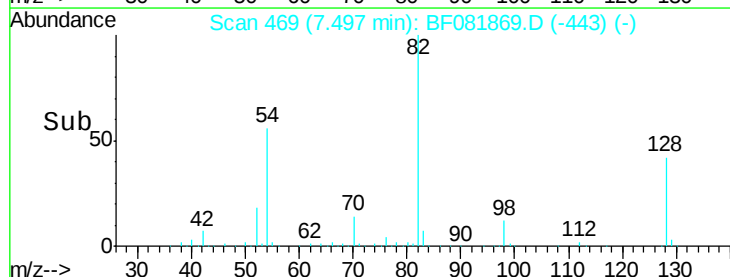
54 55.7 47.5 71.3

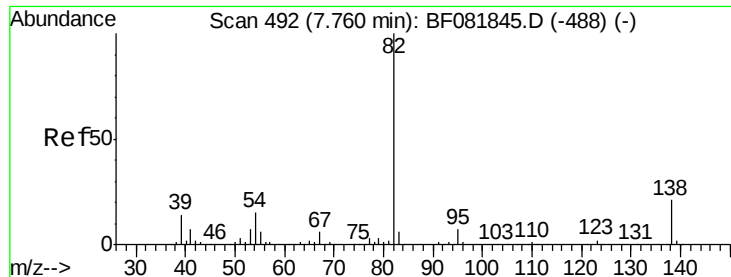


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.86 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

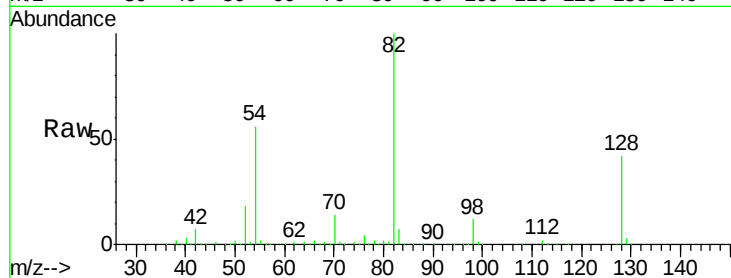
Tgt Ion: 82 Resp: 625532

Ion Ratio Lower Upper

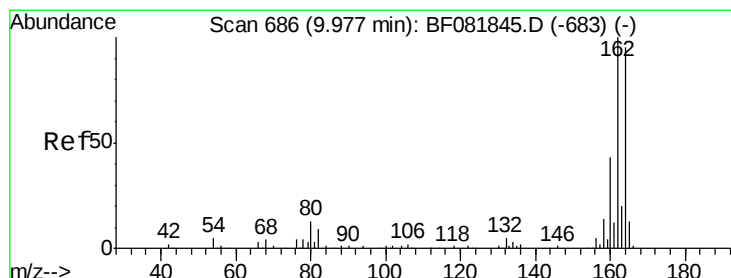
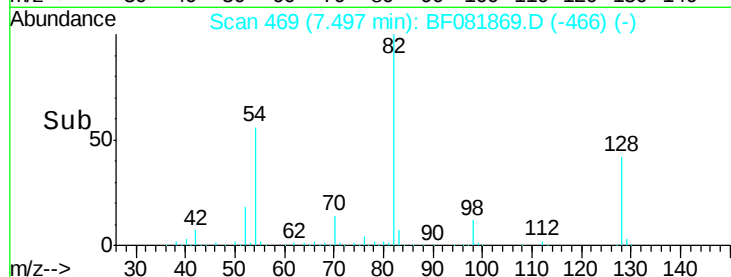
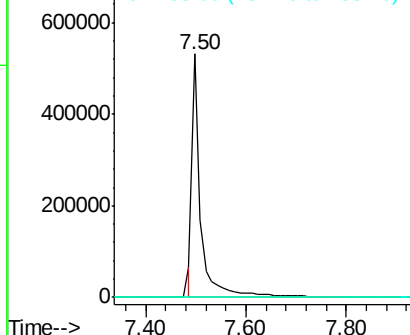
82 100

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: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

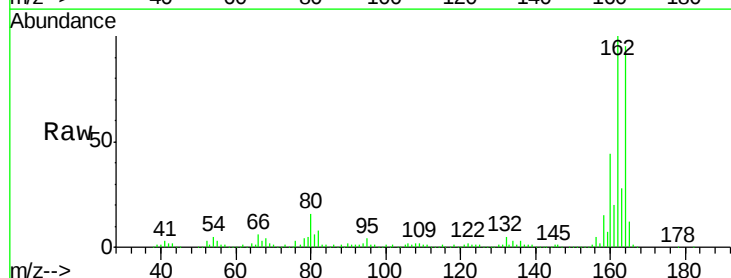
Tgt Ion: 164 Resp: 201440

Ion Ratio Lower Upper

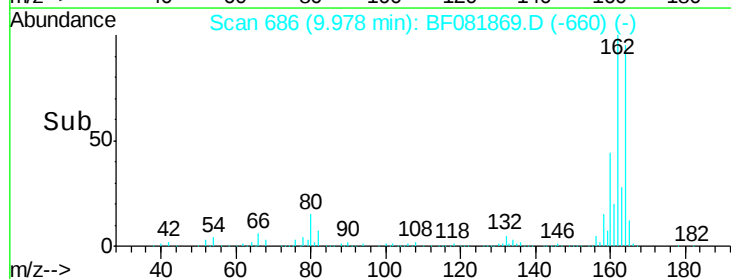
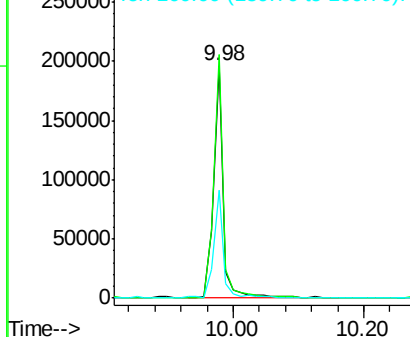
164 100

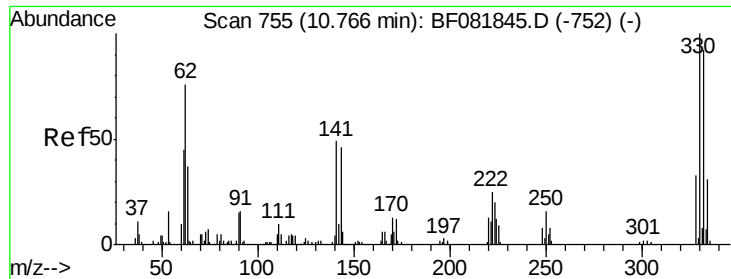
162 104.7 75.2 112.8

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

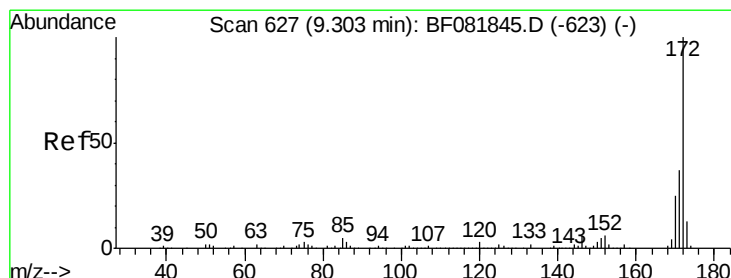
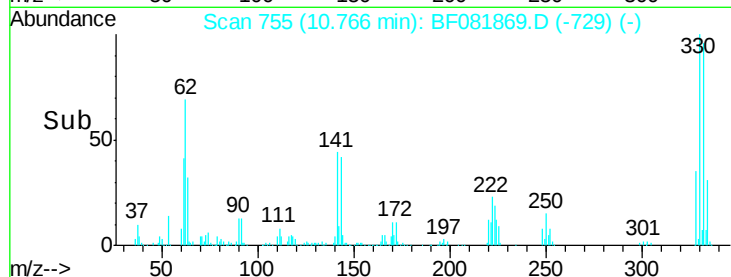
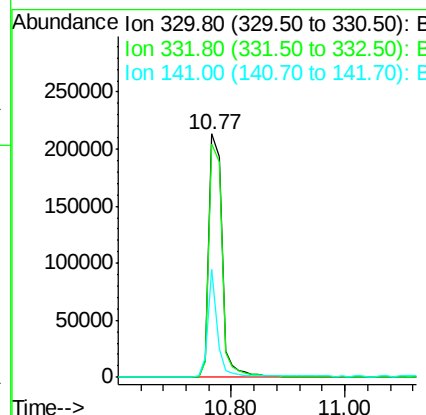
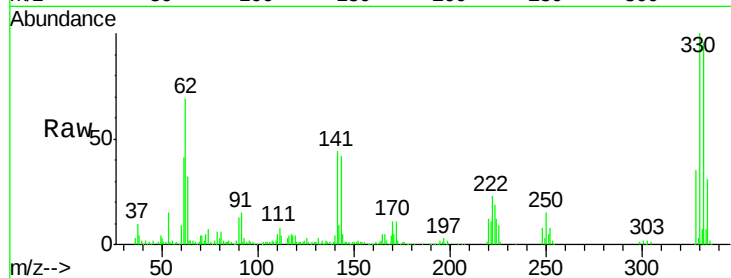




#41
 2,4,6-Tribromophenol
 Concen: 161.30 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

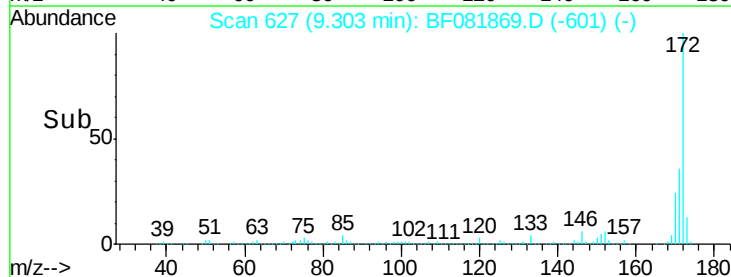
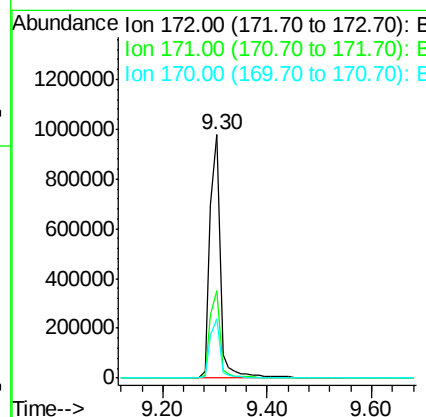
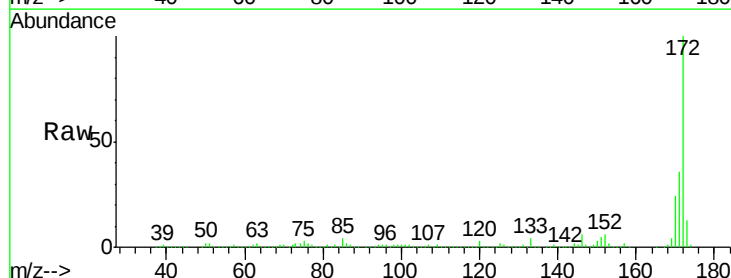
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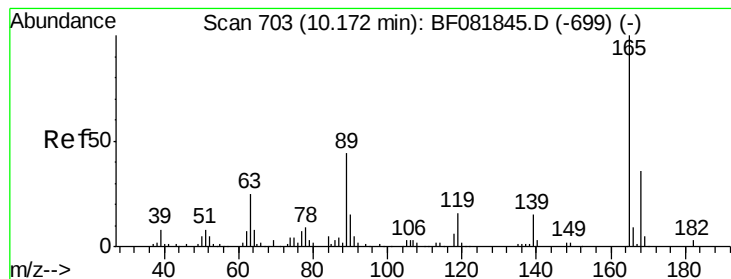
Tgt Ion:330 Resp: 329065
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 31.9 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 123.05 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081869.D
 Acq: 29 Sep 2015 6:33

Tgt Ion:172 Resp: 1355138
 Ion Ratio Lower Upper
 172 100
 171 36.0 26.1 39.1
 170 24.1 17.4 26.2





#56

2,4-Dinitrotoluene

Concen: 7.27 ng

RT: 9.98 min Scan# 686

Delta R.T. -0.19 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

Tgt Ion:165 Resp: 27994

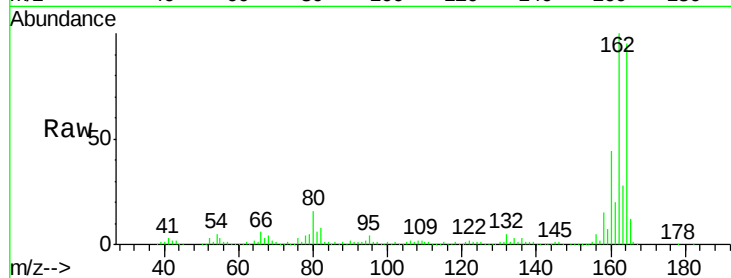
Ion Ratio Lower Upper

165 100

63 2.6 29.8 44.6#

89 2.0 44.5 66.7#

182 1.7 3.0 4.4#

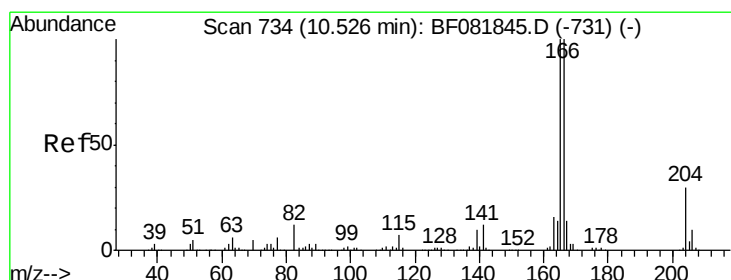
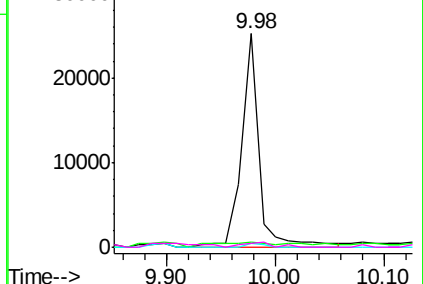
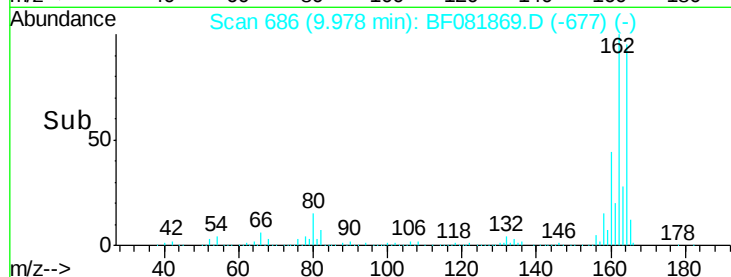


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

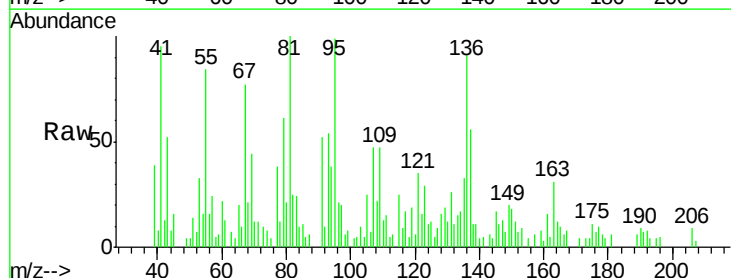
Tgt Ion:166 Resp: 845

Ion Ratio Lower Upper

166 100

165 173.5 72.6 109.0#

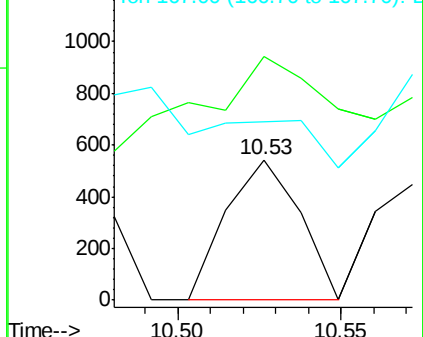
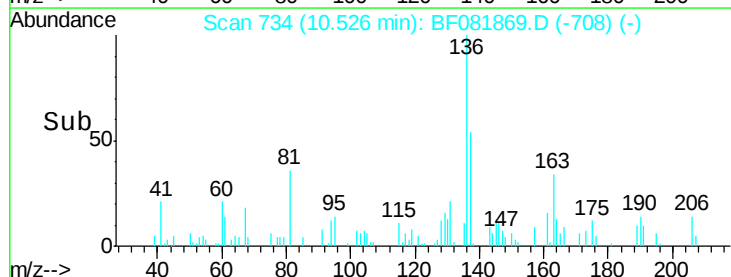
167 126.9 10.6 16.0#

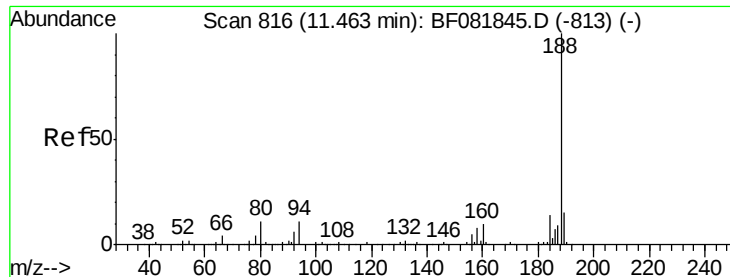


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

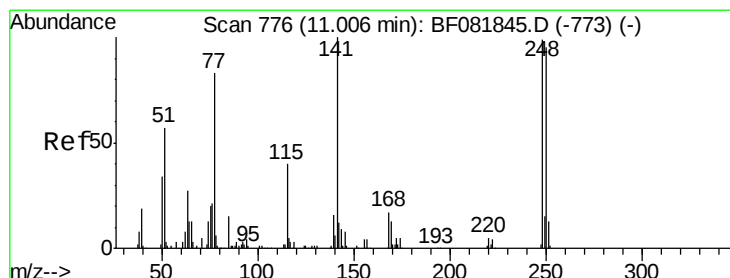
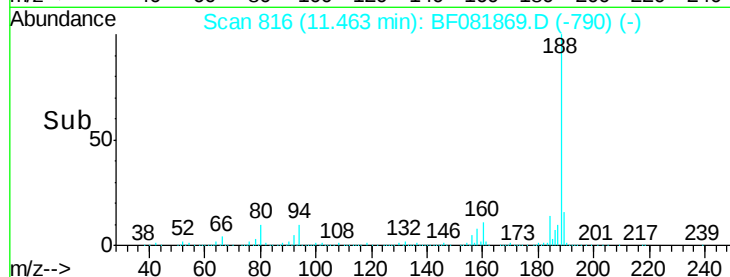
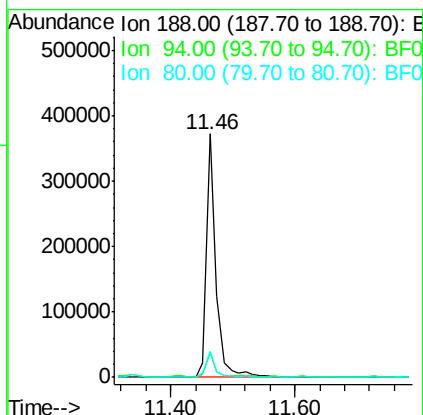
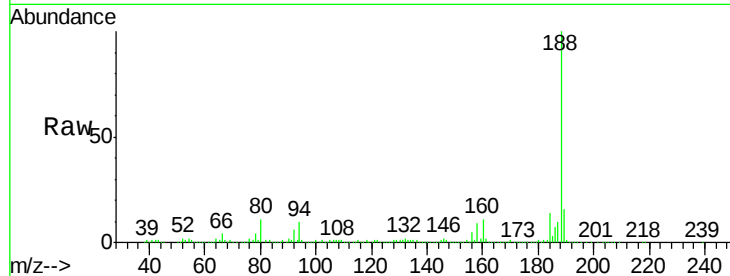




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081869.D
Acq: 29 Sep 2015 6:33

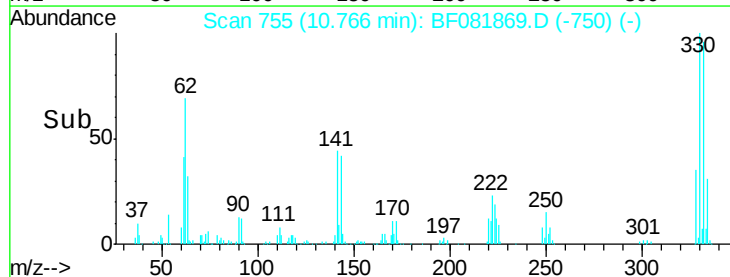
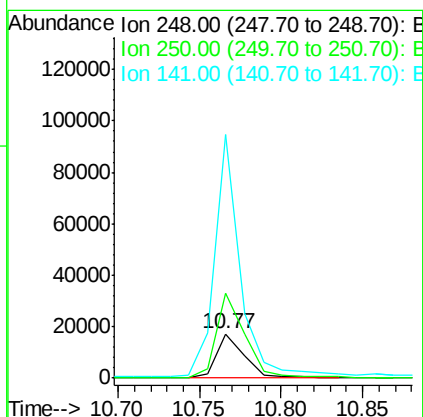
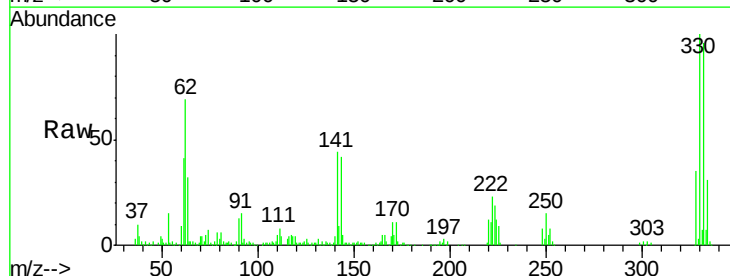
Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15

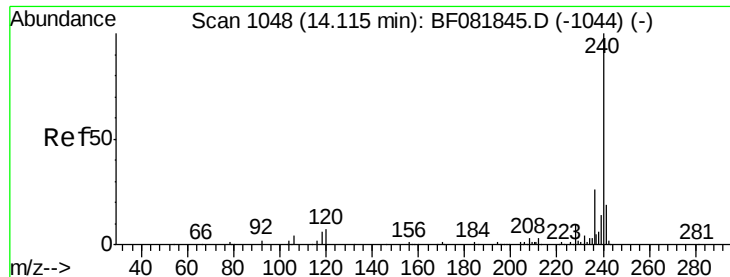
Tgt Ion:188 Resp: 398996
Ion Ratio Lower Upper
188 100
94 10.0 11.1 16.7#
80 10.6 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 5.10 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF081869.D
Acq: 29 Sep 2015 6:33

Tgt Ion:248 Resp: 20525
Ion Ratio Lower Upper
248 100
250 192.1 78.5 117.7#
141 553.0 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: BF081869.D

Acq: 29 Sep 2015 6:33

Instrument :

BNA_F

ClientSampleId :

PZ-1-9-17-15

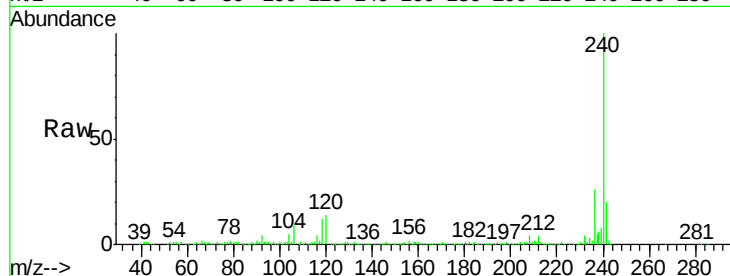
Tgt Ion:240 Resp: 387155

Ion Ratio Lower Upper

240 100

120 13.6 16.2 24.2#

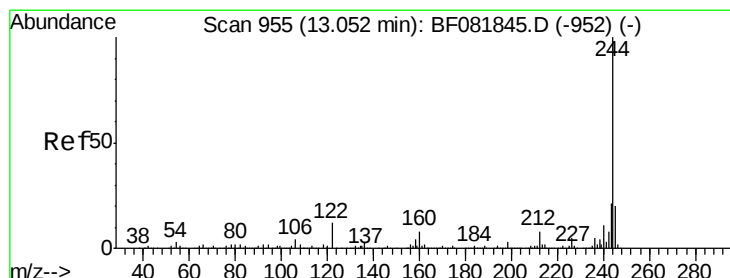
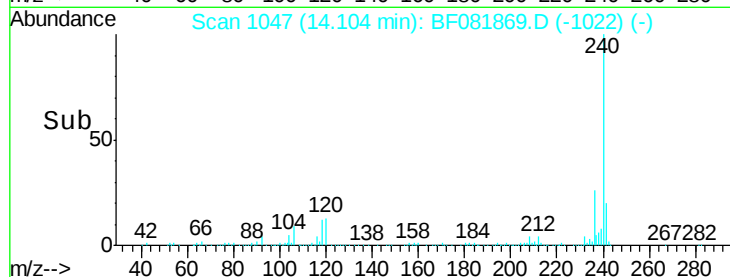
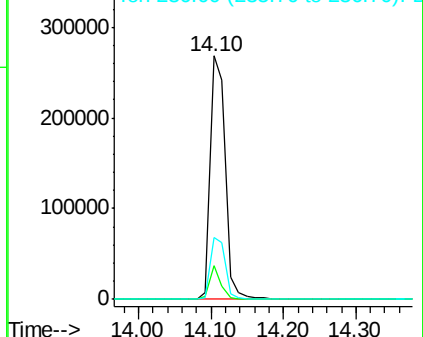
236 25.6 18.4 27.6



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: 131.71 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.01 min

Lab File: BF081869.D

Acq: 29 Sep 2015 6:33

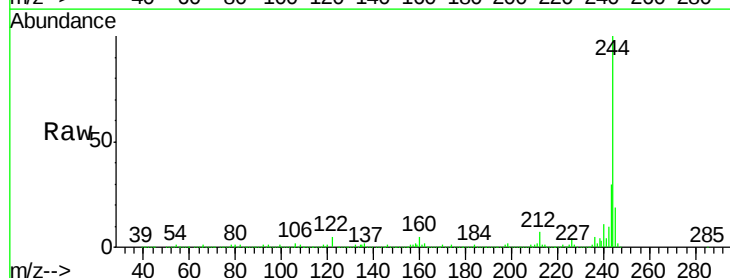
Tgt Ion:244 Resp: 1347205

Ion Ratio Lower Upper

244 100

212 6.8 4.3 6.5#

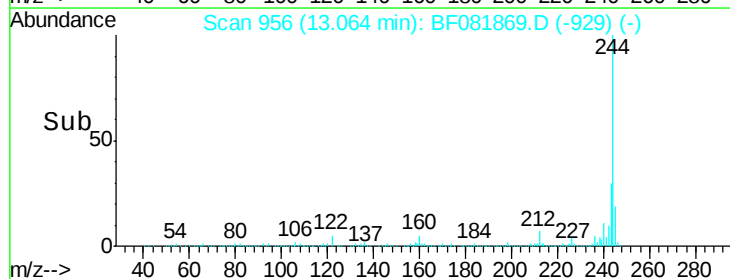
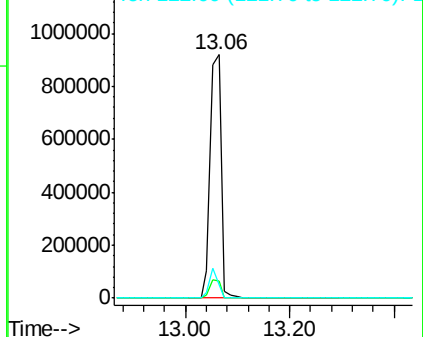
122 5.3 17.4 26.2#

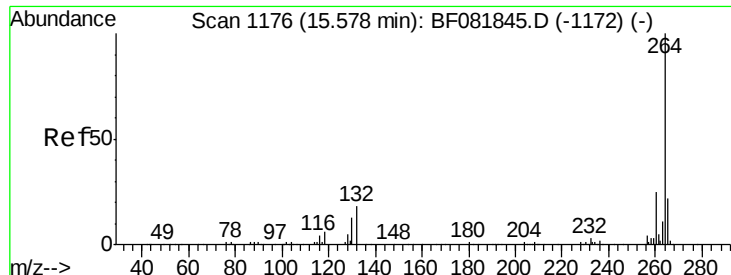


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

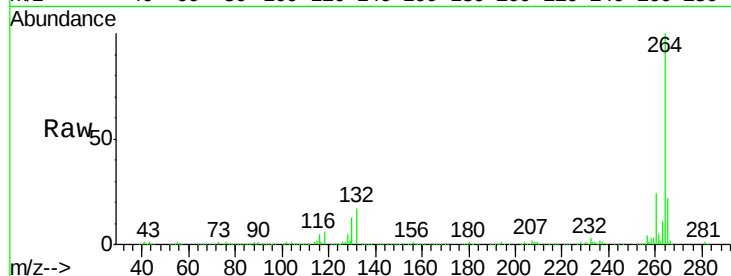




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081869.D
Acq: 29 Sep 2015 6:33

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15

Tgt Ion: 264 Resp: 296604
Ion Ratio Lower Upper
264 100
260 23.8 16.7 25.1
265 21.5 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

