

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092815\
 Data File : BF081868.D
 Acq On : 29 Sep 2015 6:03
 Operator : UM/IZ
 Sample : G3717-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

Quant Time: Sep 29 06:44:12 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	106197	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	423399	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	207367	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	381788	20.00	ng	0.00
75) Chrysene-d12	14.10	240	372792	20.00	ng	-0.01
86) Perylene-d12	15.58	264	284429	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	358588	61.30	ng	0.00
7) Phenol-d6	6.55	99	304180	41.32	ng	-0.01
23) Nitrobenzene-d5	7.50	82	690708	108.74	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	303636	144.58	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1348530	117.34	ng	0.00
78) Terphenyl-d14	13.05	244	1205522	115.70	ng	0.00

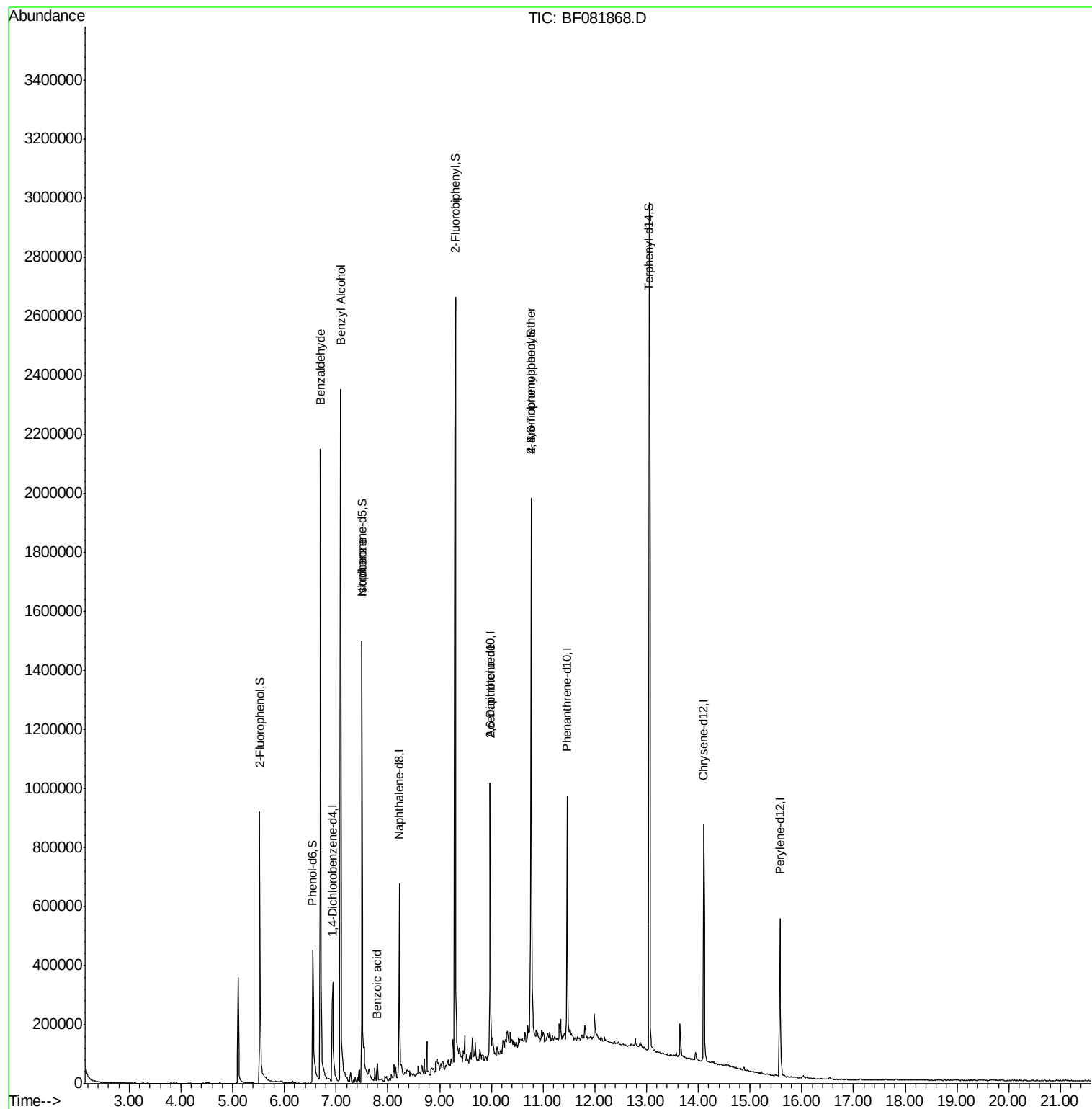
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.70	77	15757	3.27	ng	# 63
15) Benzyl Alcohol	7.09	79	11367	2.14	ng	# 33
25) Isophorone	7.50	82	624558	49.61	ng	# 58
32) Benzoic acid	7.79	122	208	7.39	ng	# 1
50) 2,6-Dinitrotoluene	9.98	165	26687	8.59	ng	# 41
57) Fluorene	10.53	166	522	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.77	248	19119	4.97	ng	# 1
70) Phenanthrene	11.49	178	459	Below Cal		# 1
73) Di-n-butylphthalate	12.02	149	2528	Below Cal		# 59

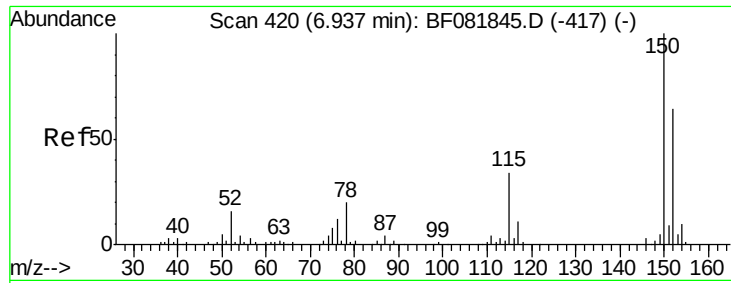
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

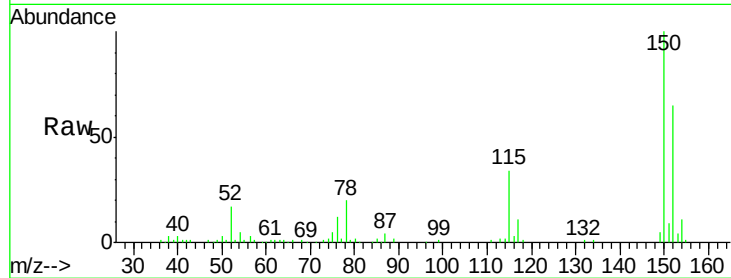
Tgt Ion:152 Resp: 106197

Ion Ratio Lower Upper

152 100

150 154.7 124.7 187.1

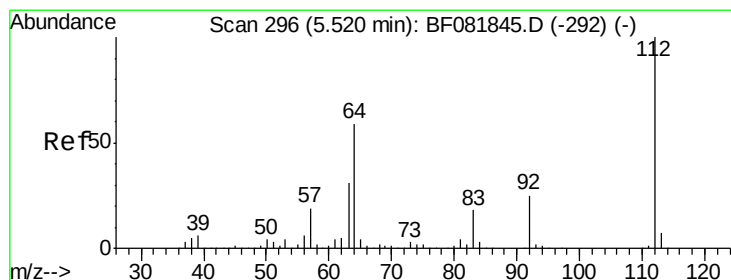
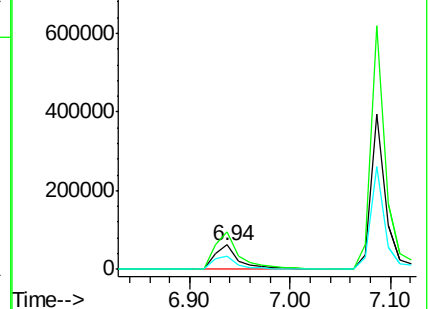
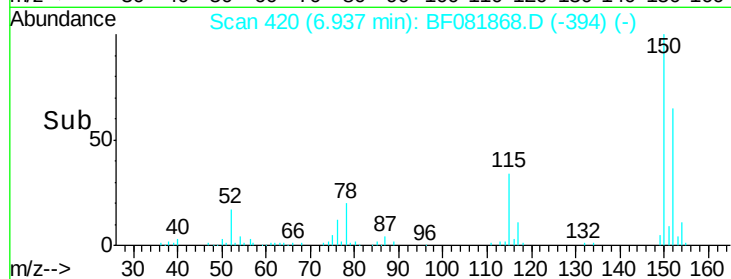
115 52.6 39.0 58.4



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



#5

2-Fluorophenol

Concen: 61.30 ng

RT: 5.52 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

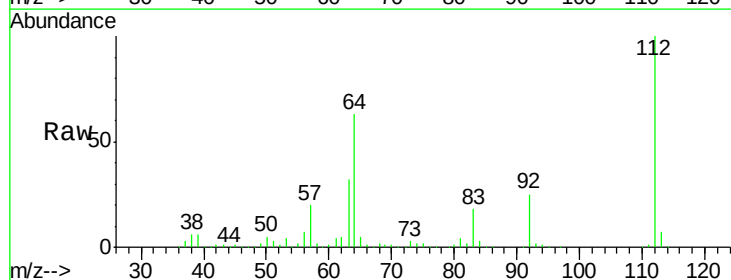
Tgt Ion:112 Resp: 358588

Ion Ratio Lower Upper

112 100

64 62.8 39.7 59.5#

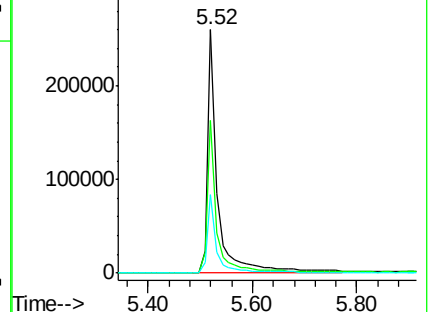
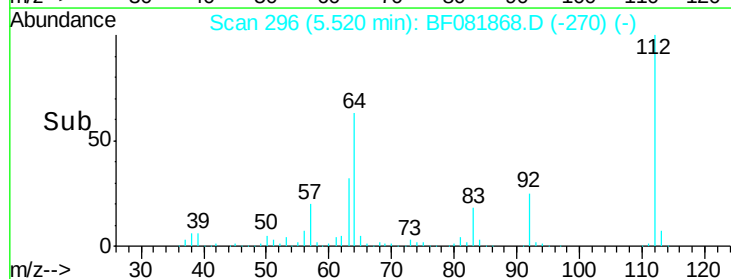
63 32.2 17.4 26.0#

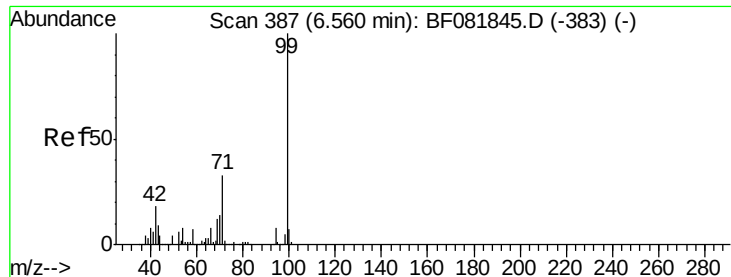


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.32 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

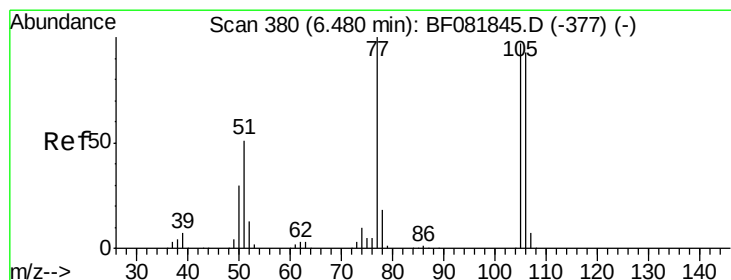
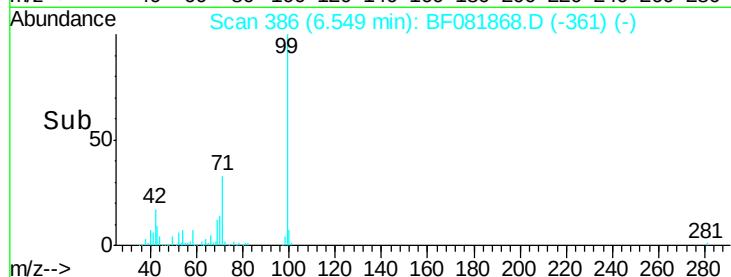
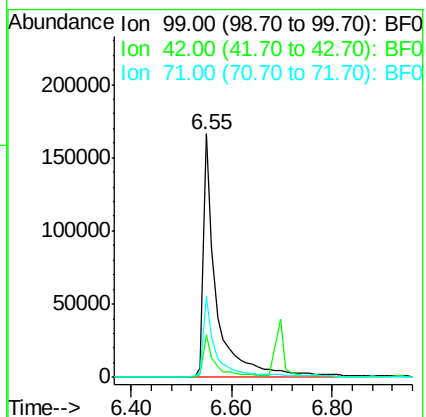
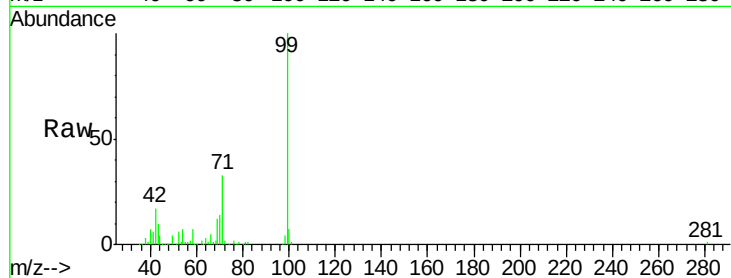
Tgt Ion: 99 Resp: 304180

Ion Ratio Lower Upper

99 100

42 17.4 13.7 20.5

71 33.3 14.2 21.2#



#9

Benzaldehyde

Concen: 3.27 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

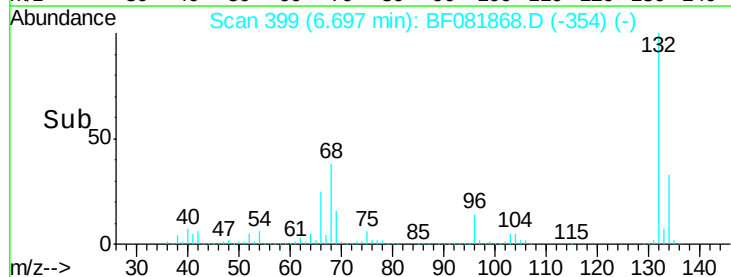
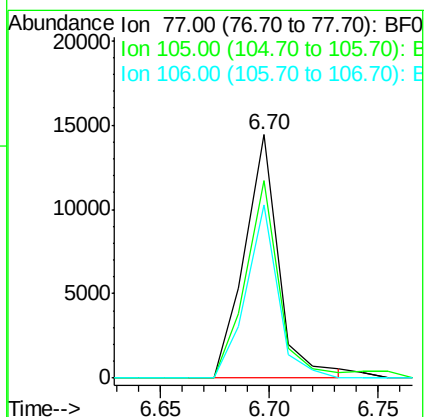
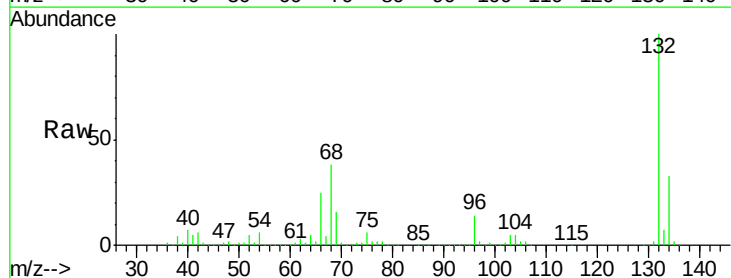
Tgt Ion: 77 Resp: 15757

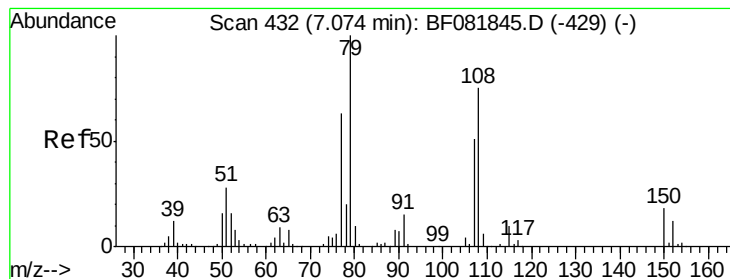
Ion Ratio Lower Upper

77 100

105 81.1 91.6 131.6#

106 71.4 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.14 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

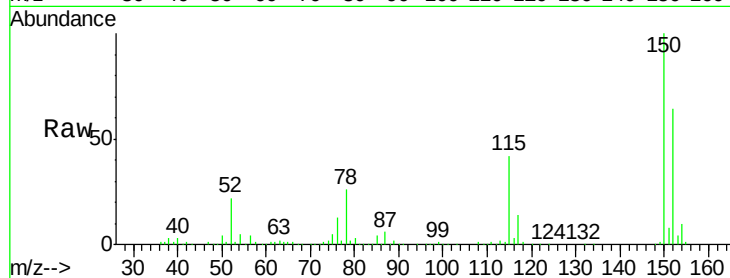
Tgt Ion: 79 Resp: 11367

Ion Ratio Lower Upper

79 100

108 30.9 88.6 132.8#

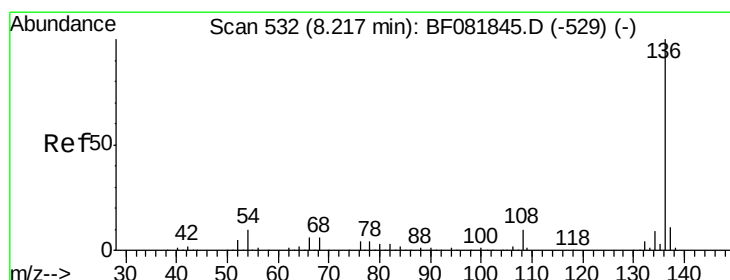
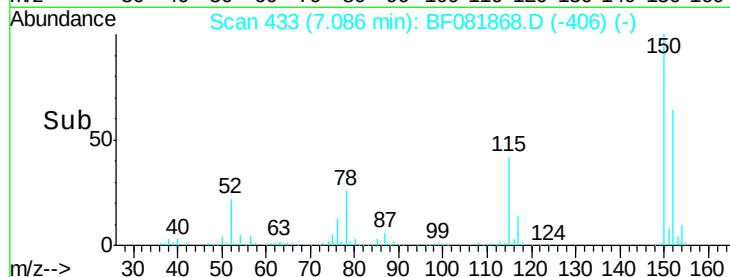
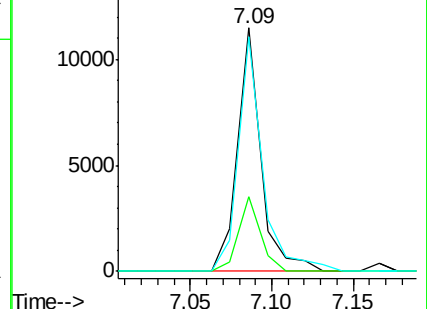
77 96.5 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.22 min Scan# 532

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Tgt Ion: 136 Resp: 423399

Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.8 8.2 12.2

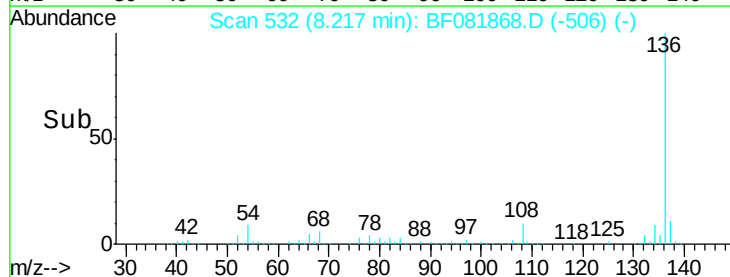
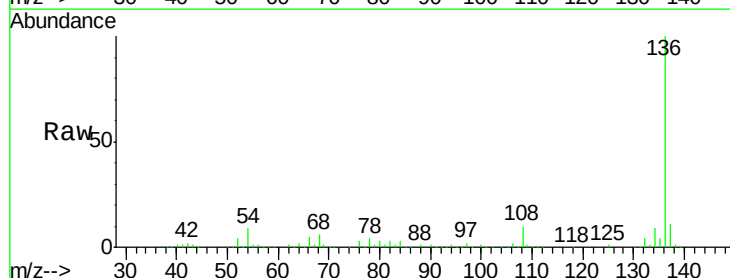
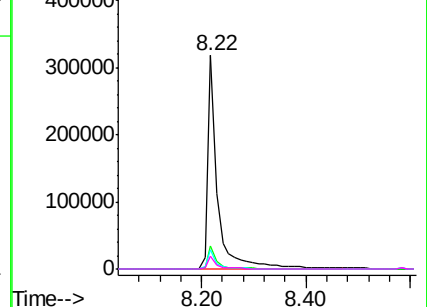
68 5.9 5.8 8.6

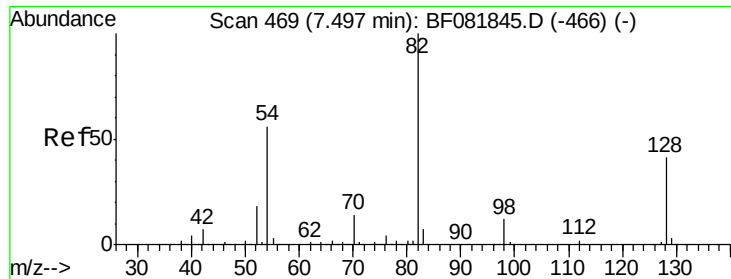
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

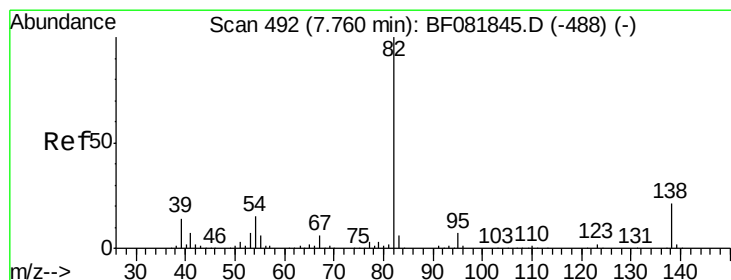
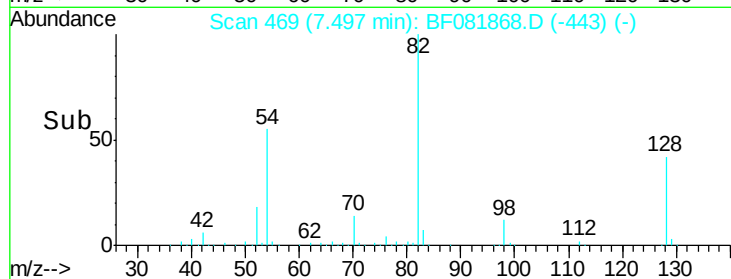
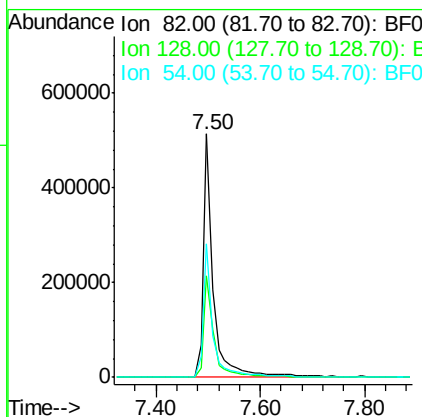
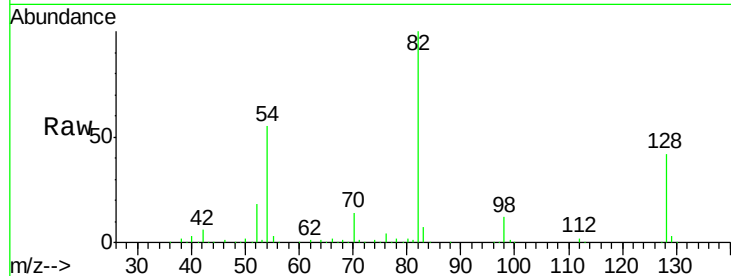




#23
 Nitrobenzene-d5
 Concen: 108.74 ng
 RT: 7.50 min Scan# 469
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

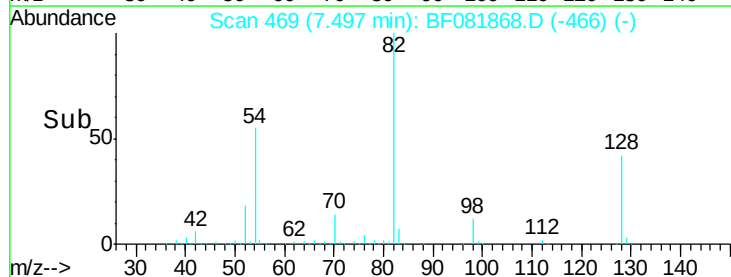
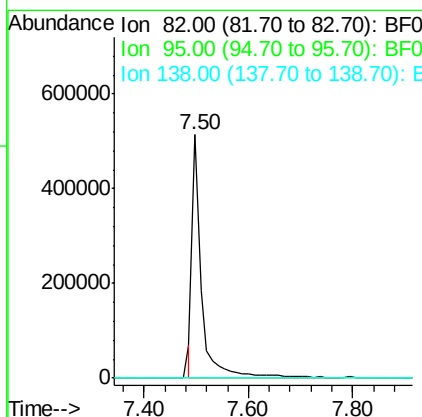
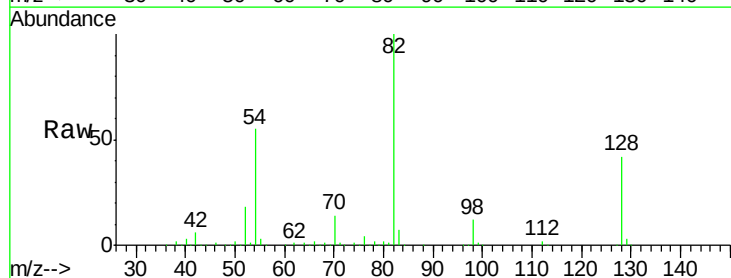
Instrument :
 BNA_F
 ClientSampleId :
 PZ-8-9-16-15

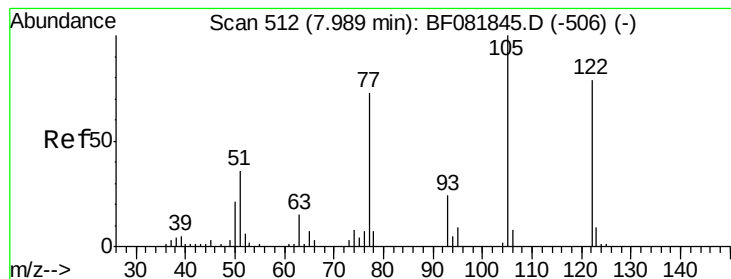
Tgt Ion: 82 Resp: 690708
 Ion Ratio Lower Upper
 82 100
 128 41.6 51.0 76.6#
 54 55.1 47.5 71.3



#25
 Isophorone
 Concen: 49.61 ng
 RT: 7.50 min Scan# 469
 Delta R.T. -0.26 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Tgt Ion: 82 Resp: 624558
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#32

Benzoic acid

Concen: 7.39 ng

RT: 7.79 min Scan# 495

Delta R.T. -0.19 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

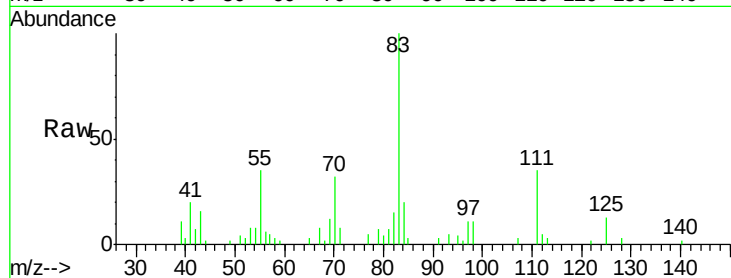
Tgt Ion:122 Resp: 208

Ion Ratio Lower Upper

122 100

105 0.0 76.1 116.1#

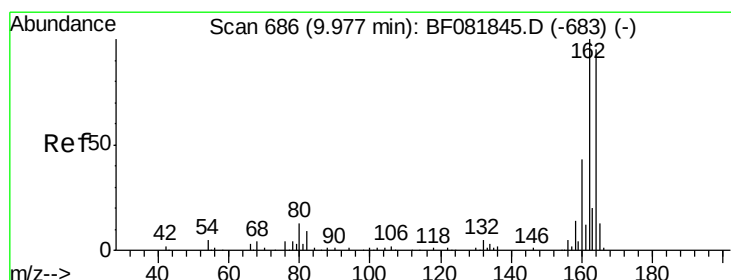
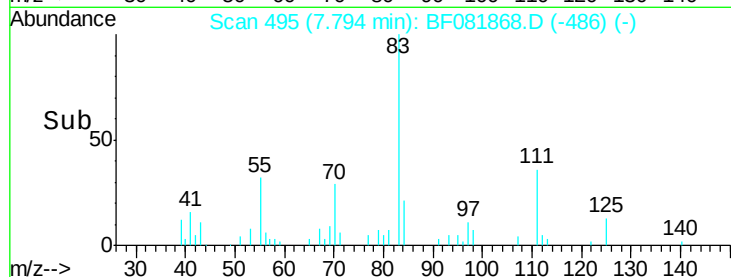
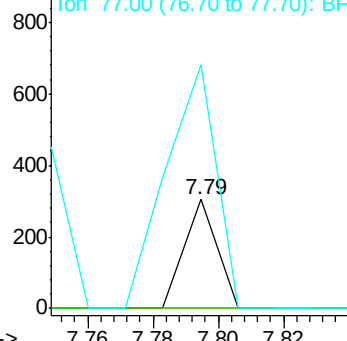
77 224.0 40.5 80.5#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

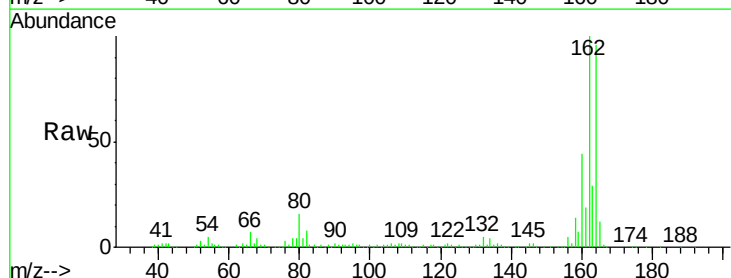
Tgt Ion:164 Resp: 207367

Ion Ratio Lower Upper

164 100

162 103.6 75.2 112.8

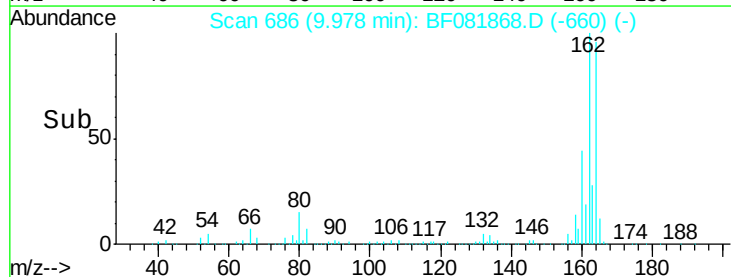
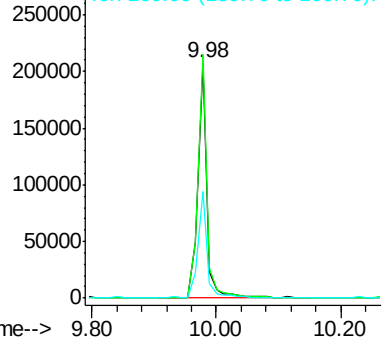
160 45.7 31.5 47.3

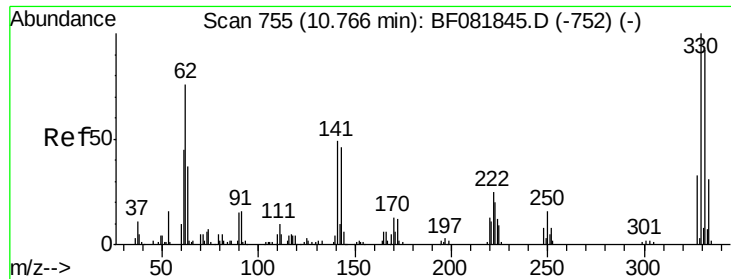


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

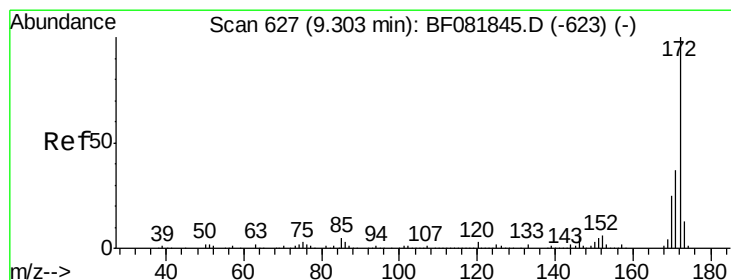
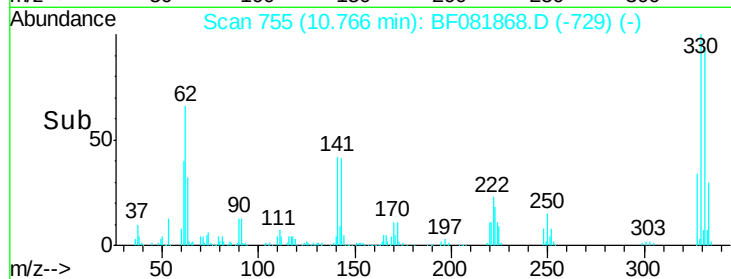
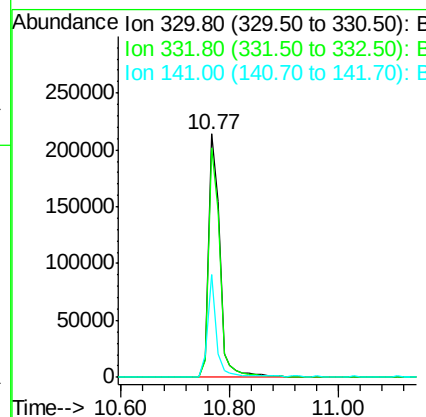
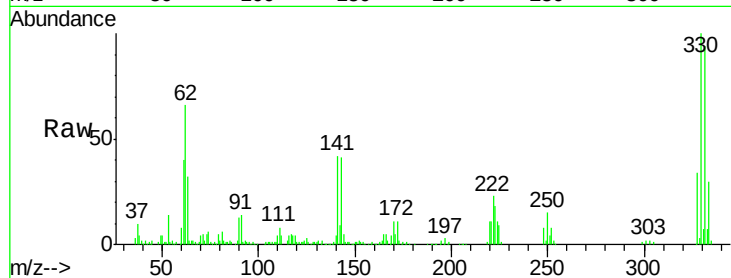




#41
 2,4,6-Tribromophenol
 Concen: 144.58 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

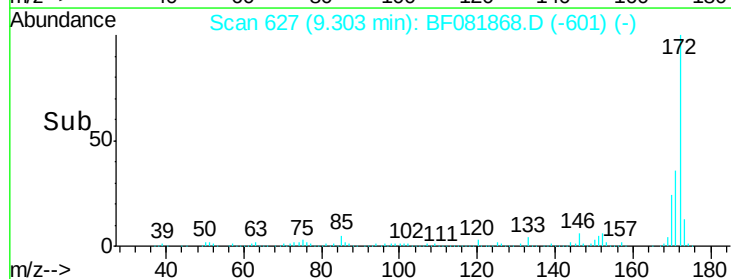
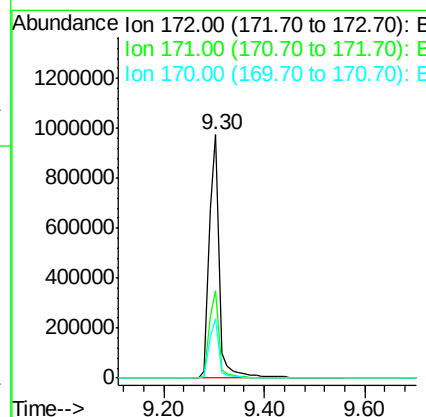
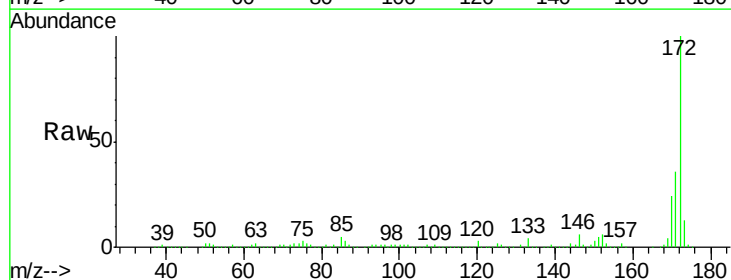
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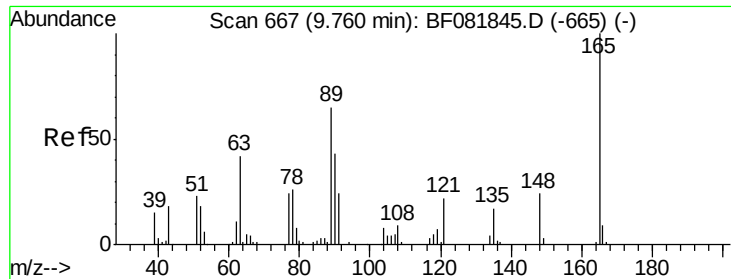
Tgt Ion:330 Resp: 303636
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 114.8
 141 33.3 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 117.34 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081868.D
 Acq: 29 Sep 2015 6:03

Tgt Ion:172 Resp: 1348530
 Ion Ratio Lower Upper
 172 100
 171 36.1 26.1 39.1
 170 24.5 17.4 26.2





#50

2,6-Dinitrotoluene

Concen: 8.59 ng

RT: 9.98 min Scan# 686

Delta R.T. 0.22 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

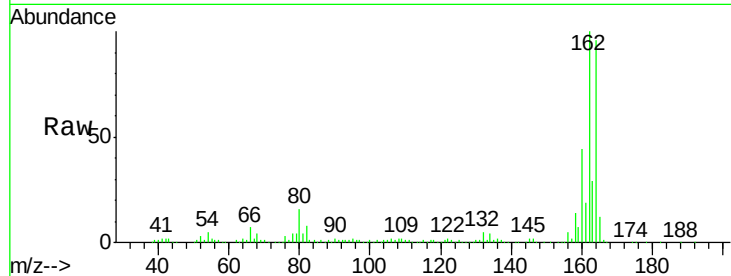
Tgt Ion:165 Resp: 26687

Ion Ratio Lower Upper

165 100

63 3.0 32.3 48.5#

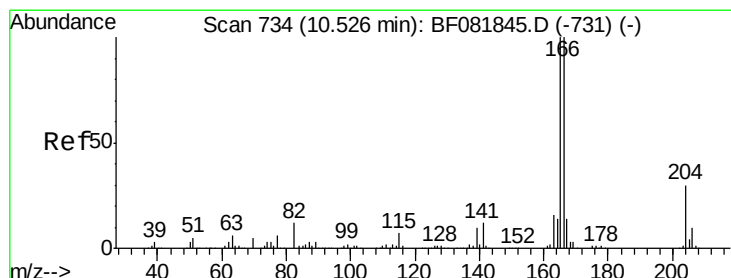
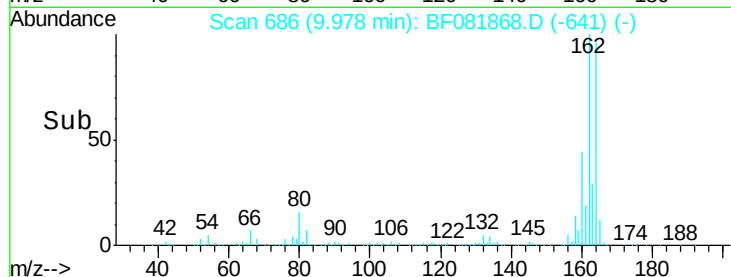
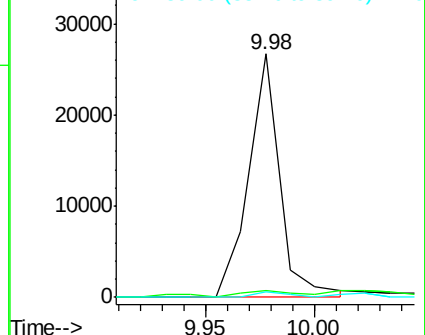
89 2.4 28.6 43.0#



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



#57

Fluorene

Concen: Below Cal

RT: 10.53 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

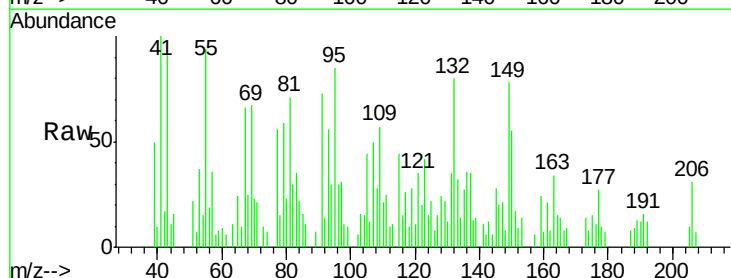
Tgt Ion:166 Resp: 522

Ion Ratio Lower Upper

166 100

165 175.9 72.6 109.0#

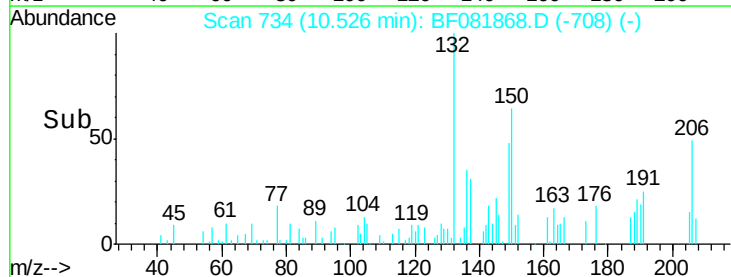
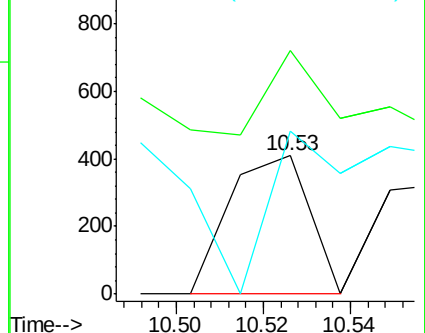
167 117.8 10.6 16.0#

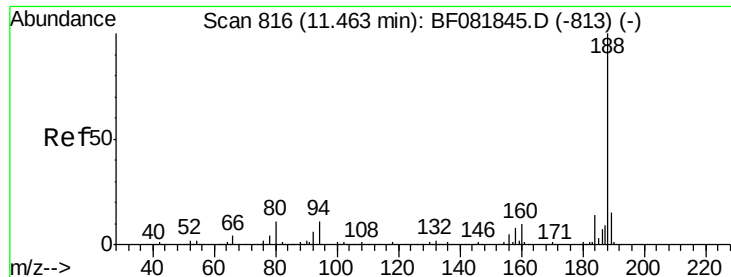


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

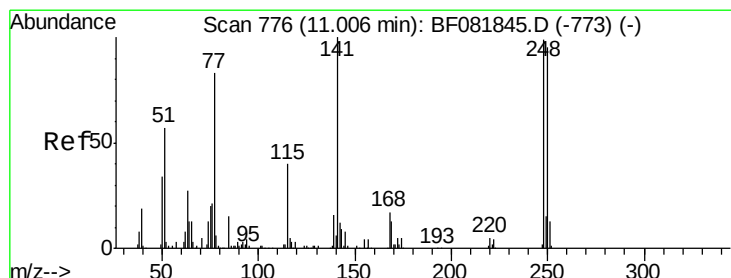
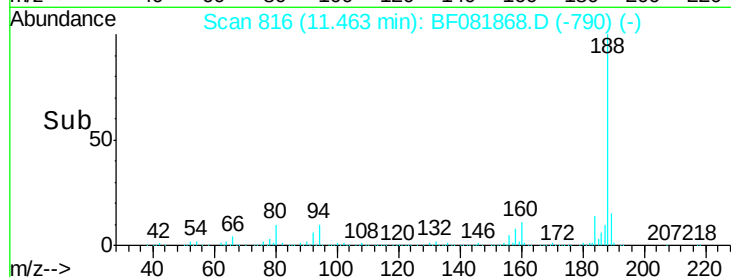
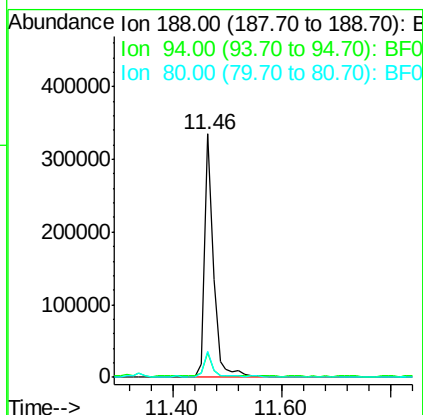
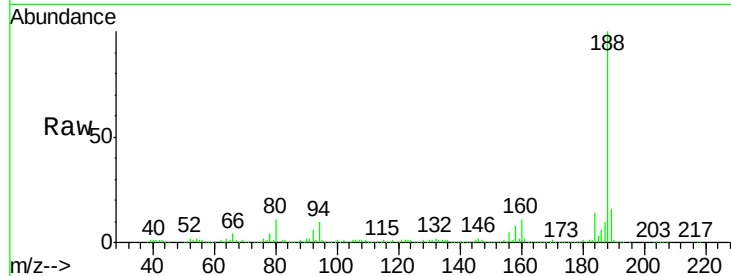




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081868.D
Acq: 29 Sep 2015 6:03

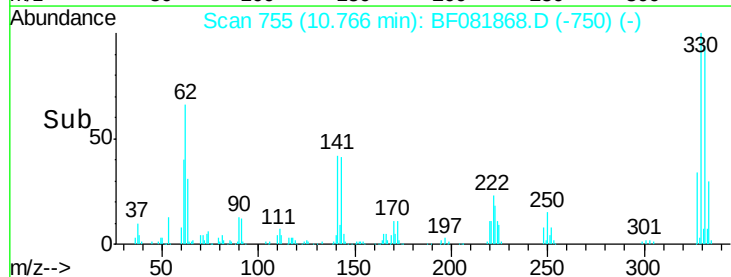
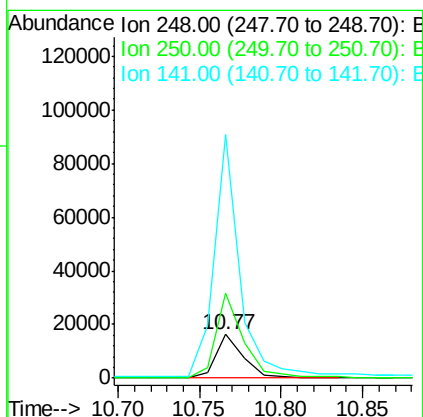
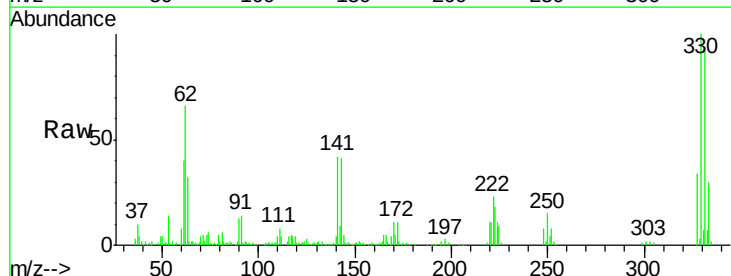
Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

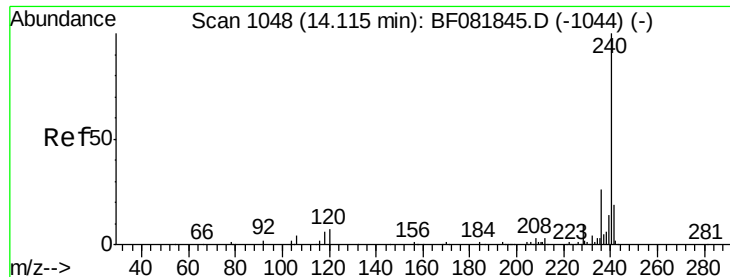
Tgt Ion:188 Resp: 381788
Ion Ratio Lower Upper
188 100
94 10.1 11.1 16.7#
80 10.8 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.97 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF081868.D
Acq: 29 Sep 2015 6:03

Tgt Ion:248 Resp: 19119
Ion Ratio Lower Upper
248 100
250 193.9 78.5 117.7#
141 557.7 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: BF081868.D

Acq: 29 Sep 2015 6:03

Instrument :

BNA_F

ClientSampleId :

PZ-8-9-16-15

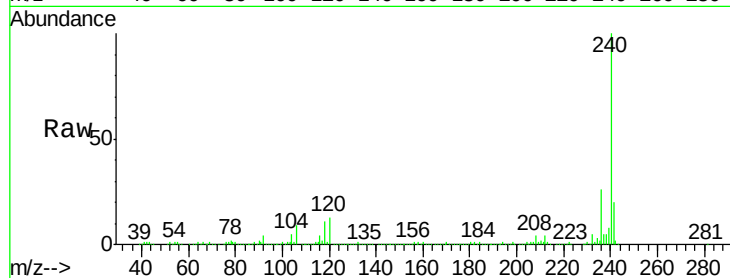
Tgt Ion:240 Resp: 372792

Ion Ratio Lower Upper

240 100

120 12.8 16.2 24.2#

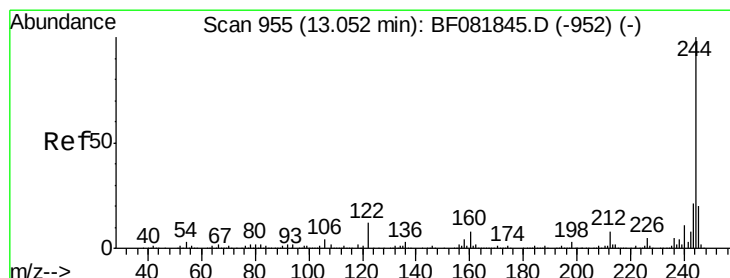
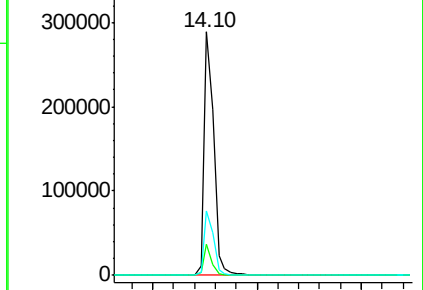
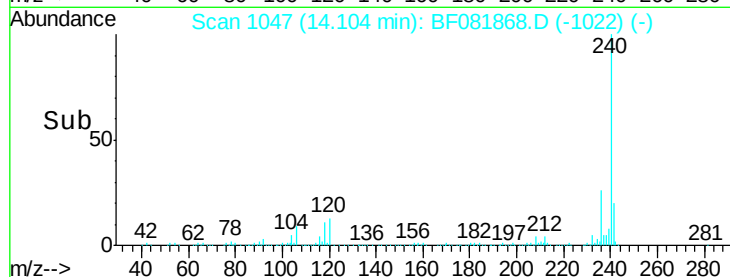
236 26.4 18.4 27.6



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: 115.70 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081868.D

Acq: 29 Sep 2015 6:03

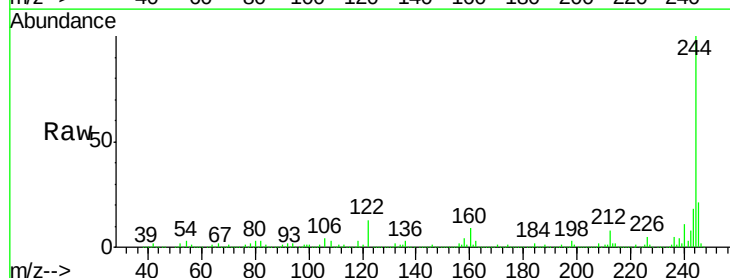
Tgt Ion:244 Resp: 1205522

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

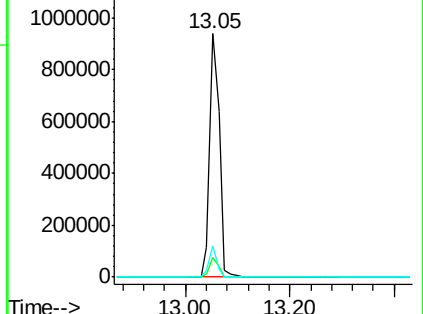
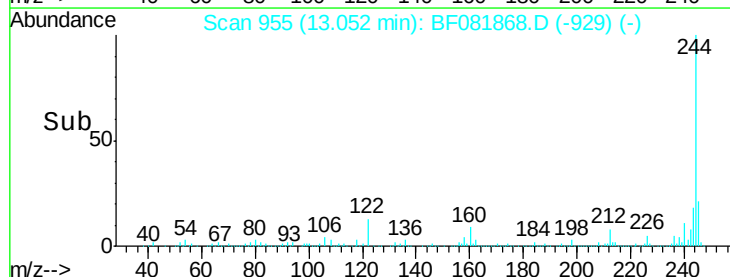
122 12.7 17.4 26.2#

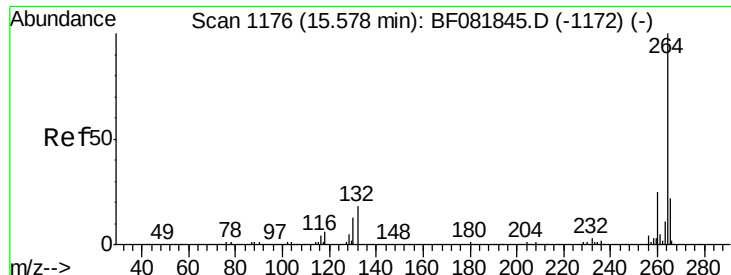


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081868.D
Acq: 29 Sep 2015 6:03

Instrument :
BNA_F
ClientSampleId :
PZ-8-9-16-15

Tgt Ion: 264 Resp: 284429
Ion Ratio Lower Upper
264 100
260 24.5 16.7 25.1
265 21.4 17.2 25.8

