

Data Path : Z:\HPCHEM1\BNA_F\Data\BF092815\
 Data File : BF081874.D
 Acq On : 29 Sep 2015 9:05
 Operator : UM/IZ
 Sample : G3717-13
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

Quant Time: Sep 29 13:28:57 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

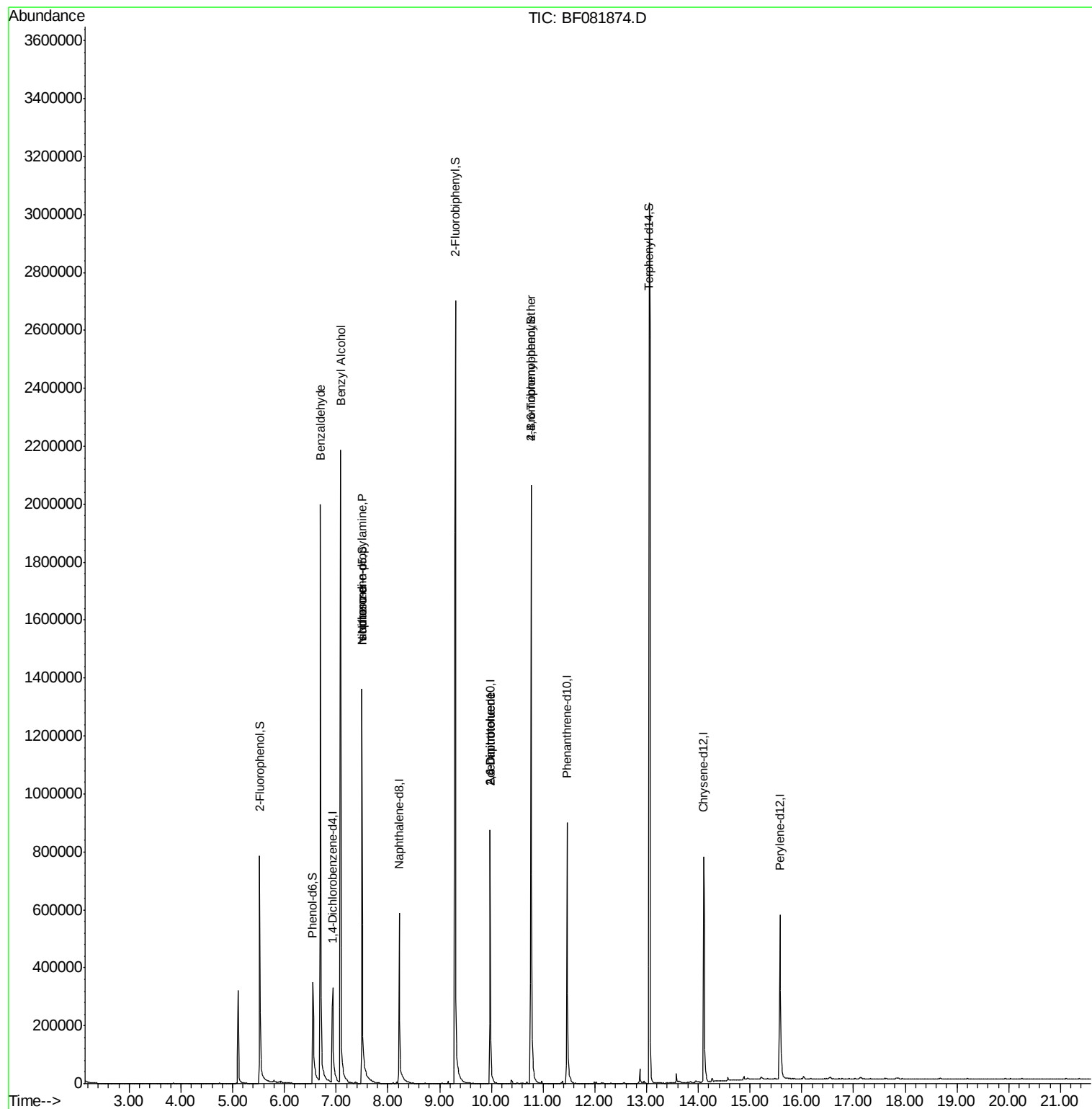
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	101770	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	415698	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	212314	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	438758	20.00	ng	0.00
75) Chrysene-d12	14.10	240	411859	20.00	ng	-0.01
86) Perylene-d12	15.58	264	339393	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	304874	54.38	ng	0.00
7) Phenol-d6	6.55	99	255198	36.18	ng	-0.01
23) Nitrobenzene-d5	7.50	82	643780	103.23	ng	0.00
41) 2,4,6-Tribromophenol	10.77	330	320878	149.23	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1335719	112.11	ng	0.00
78) Terphenyl-d14	13.05	244	1482343	140.82	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	14077	3.05	ng	# 65
15) Benzyl Alcohol	7.09	79	10513	2.06	ng	# 32
19) n-Nitroso-di-n-propylamine	7.50	70	80404	18.75	ng	# 60
25) Isophorone	7.50	82	623124	50.41	ng	# 58
50) 2,6-Dinitrotoluene	9.98	165	25721	8.08	ng	# 39
56) 2,4-Dinitrotoluene	9.98	165	26613	6.56	ng	# 34
57) Fluorene	10.77	166	11657	Below Cal	#	80
66) 4-Bromophenyl-phenylether	10.77	248	20282	4.58	ng	# 1
70) Phenanthrene	11.49	178	228	Below Cal	#	62
73) Di-n-butylphthalate	12.02	149	4210	Below Cal	#	93

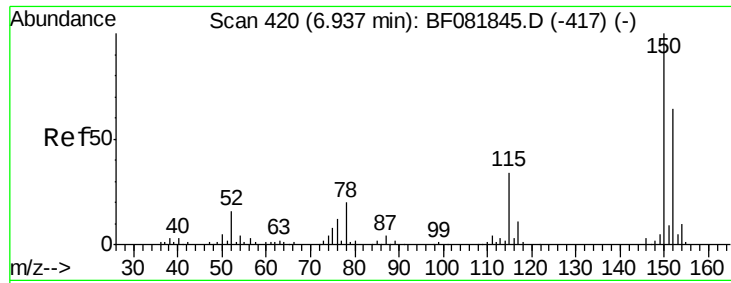
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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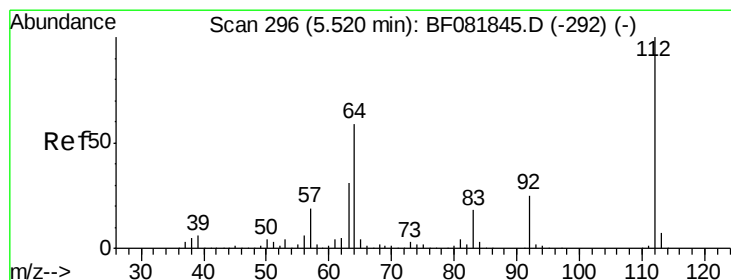
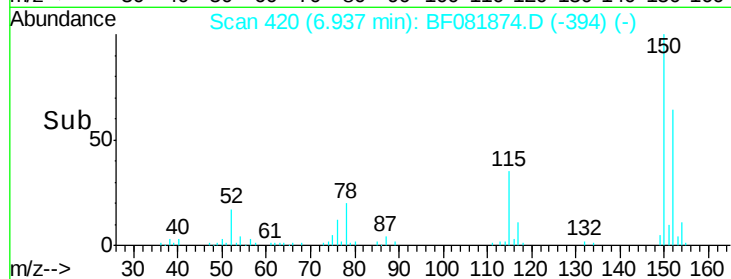
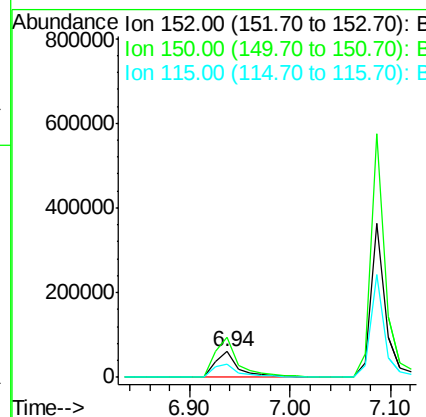
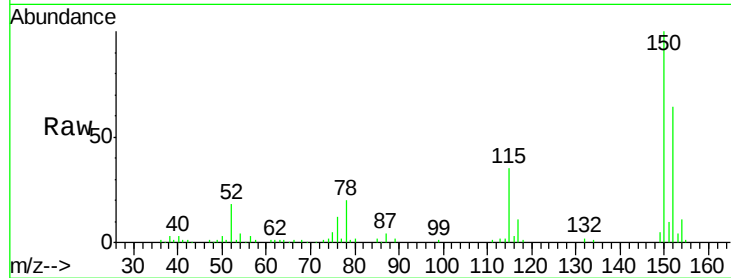




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.94 min Scan# 420
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

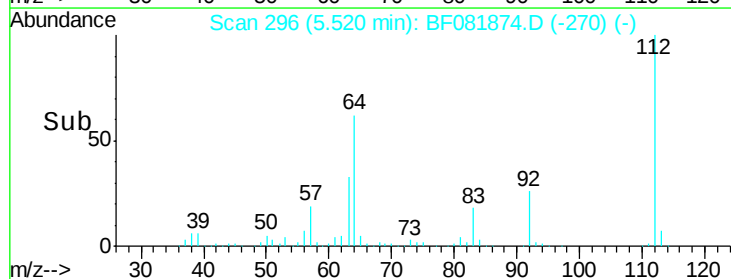
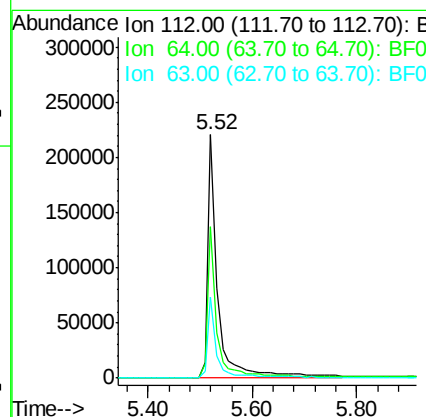
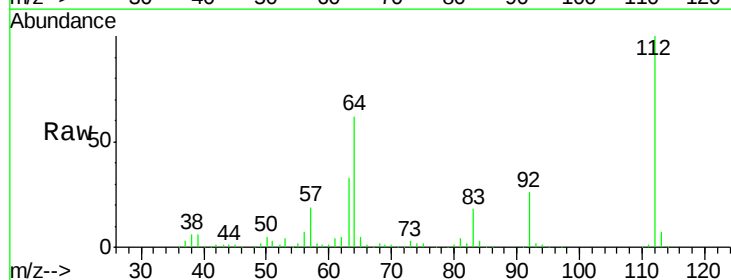
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-9-17-15

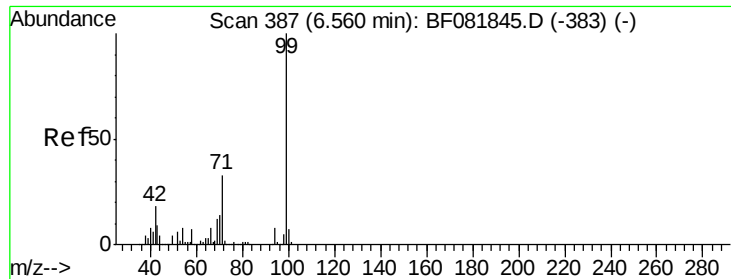
Tgt Ion:152 Resp: 101770
 Ion Ratio Lower Upper
 152 100
 150 155.7 124.7 187.1
 115 53.8 39.0 58.4



#5
 2-Fluorophenol
 Concen: 54.38 ng
 RT: 5.52 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Tgt Ion:112 Resp: 304874
 Ion Ratio Lower Upper
 112 100
 64 62.2 39.7 59.5#
 63 33.1 17.4 26.0#





#7

Phenol-d6

Concen: 36.18 ng

RT: 6.55 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

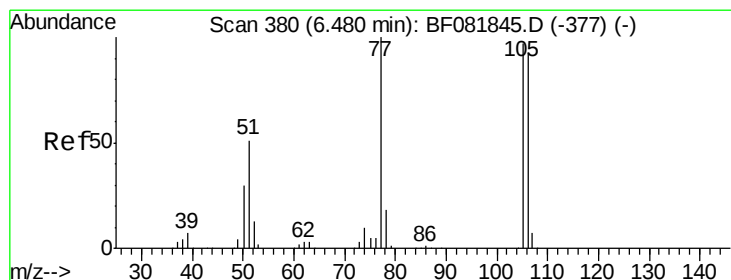
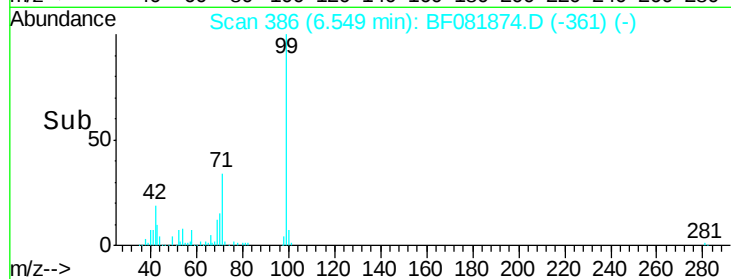
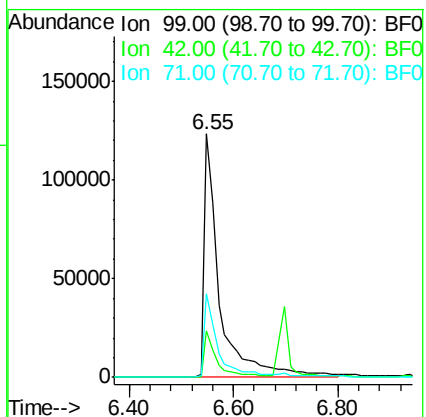
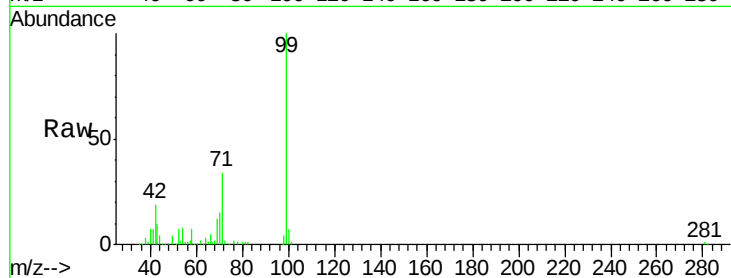
Tgt Ion: 99 Resp: 255198

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

71 34.2 14.2 21.2#



#9

Benzaldehyde

Concen: 3.05 ng

RT: 6.70 min Scan# 399

Delta R.T. 0.22 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

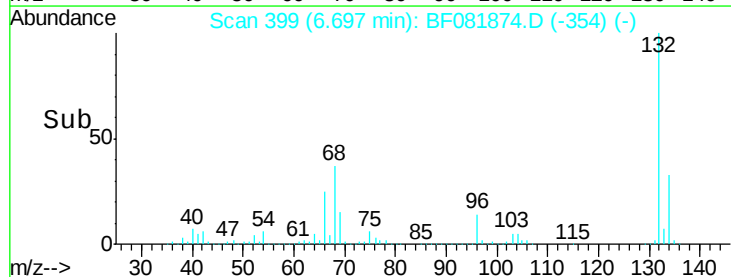
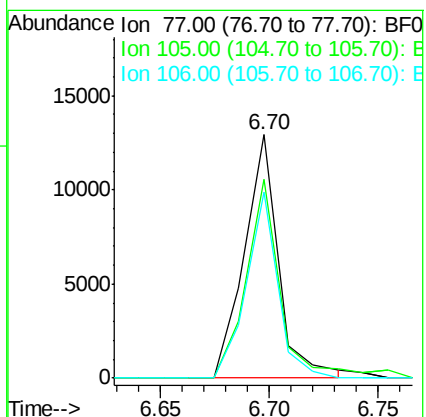
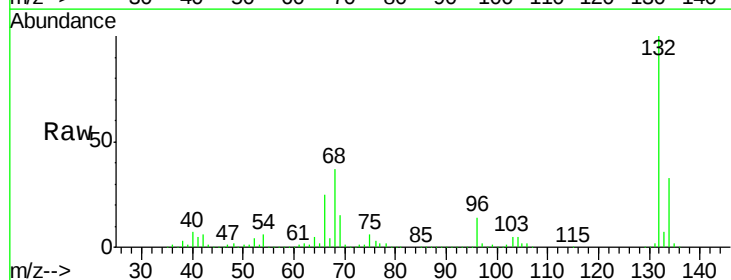
Tgt Ion: 77 Resp: 14077

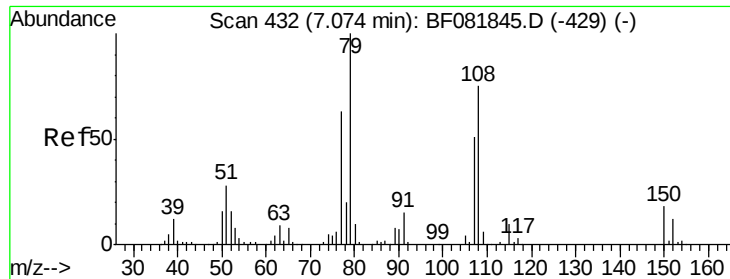
Ion Ratio Lower Upper

77 100

105 81.8 91.6 131.6#

106 76.2 102.6 142.6#





#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.09 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

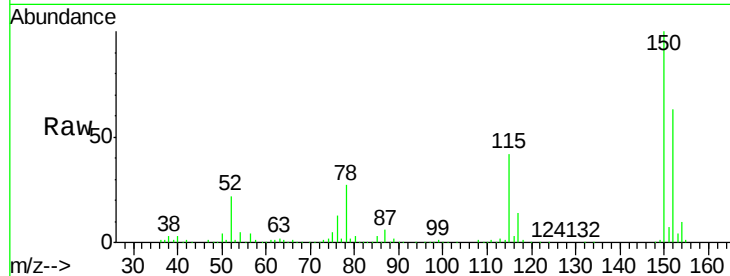
Tgt Ion: 79 Resp: 10513

Ion Ratio Lower Upper

79 100

108 29.5 88.6 132.8#

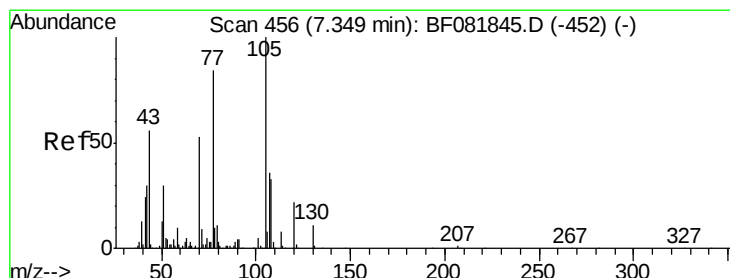
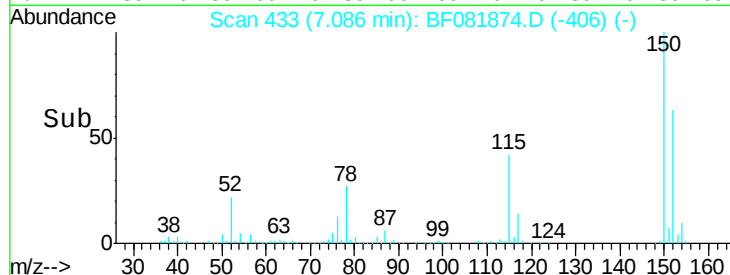
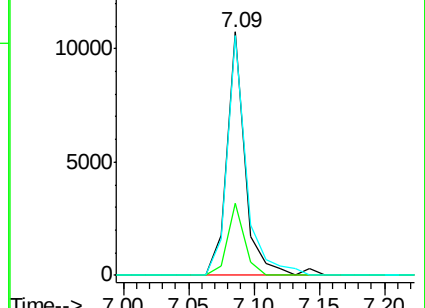
77 98.3 47.0 70.4#



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



#19

n-Nitroso-di-n-propylamine

Concen: 18.75 ng

RT: 7.50 min Scan# 469

Delta R.T. 0.15 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Tgt Ion: 70 Resp: 80404

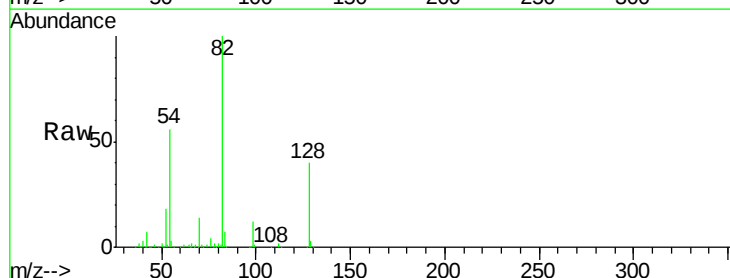
Ion Ratio Lower Upper

70 100

42 49.7 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

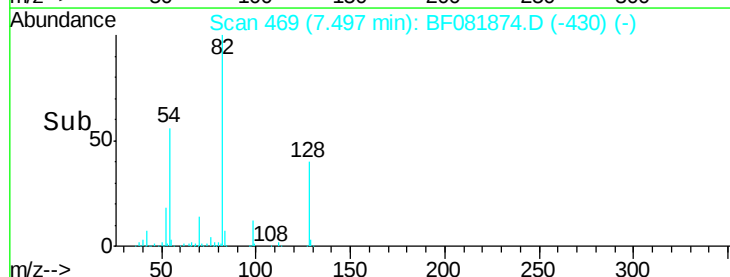
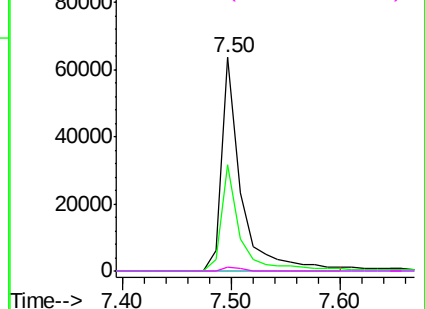


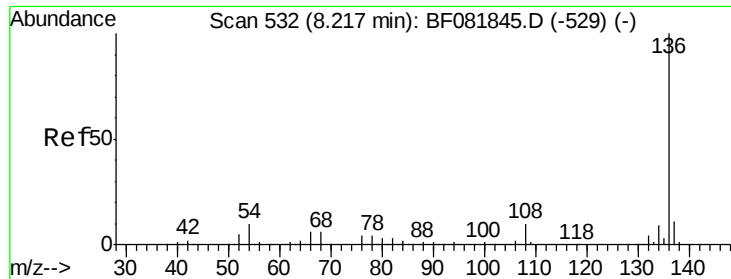
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

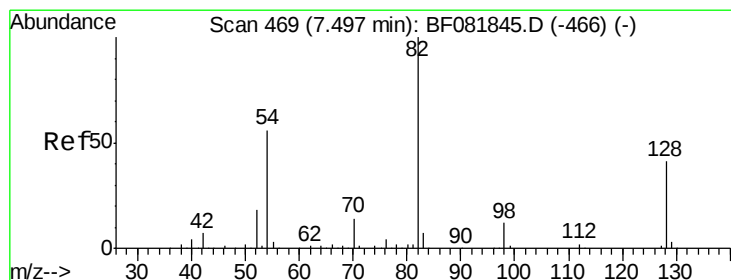
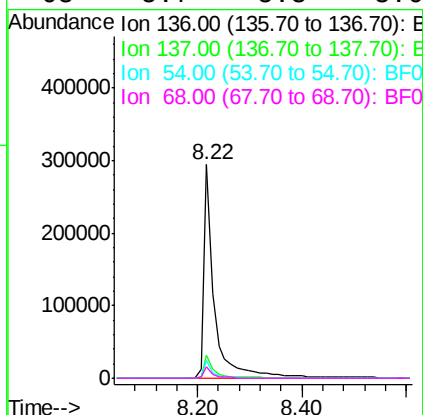
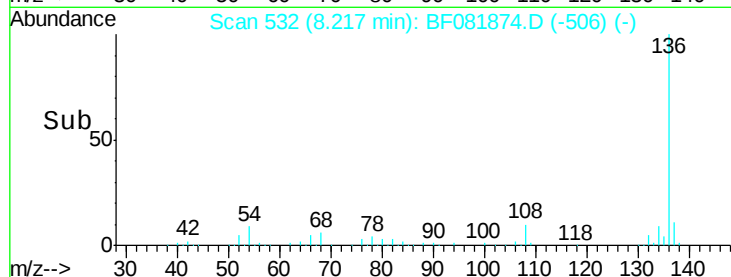
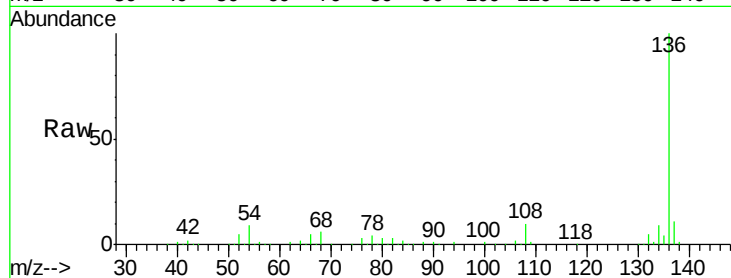




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

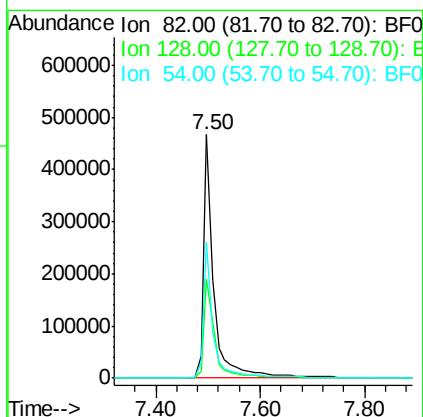
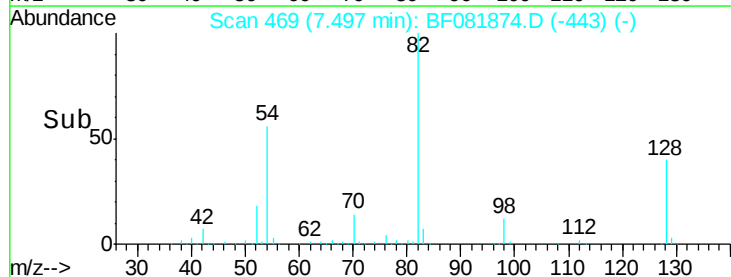
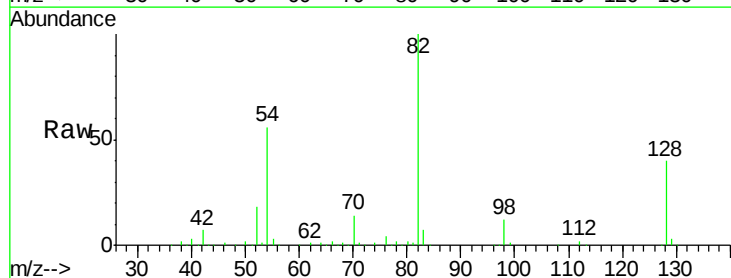
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

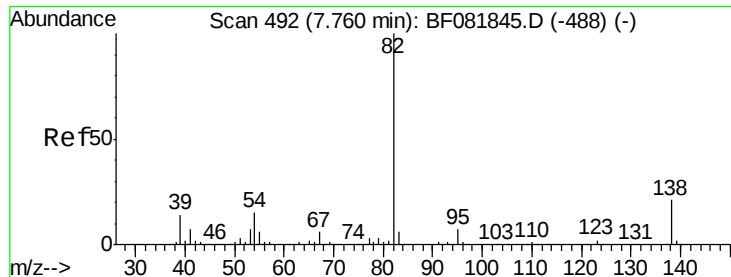
Tgt Ion:	136	Resp:	415698
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.6
54	8.5	8.2	12.2
68	5.7	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 103.23 ng
RT: 7.50 min Scan# 469
Delta R.T. 0.00 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Tgt Ion:	82	Resp:	643780
Ion	Ratio	Lower	Upper
82	100		
128	40.5	51.0	76.6#
54	56.1	47.5	71.3





#25

Isophorone

Concen: 50.41 ng

RT: 7.50 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

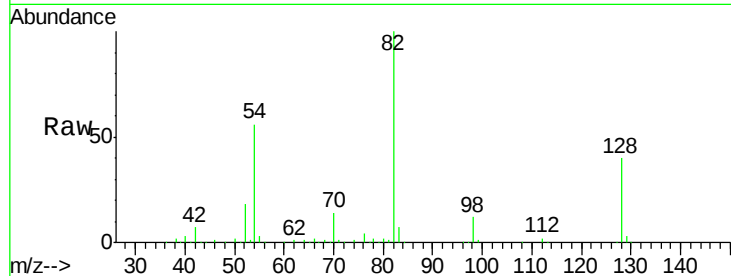
Tgt Ion: 82 Resp: 623124

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

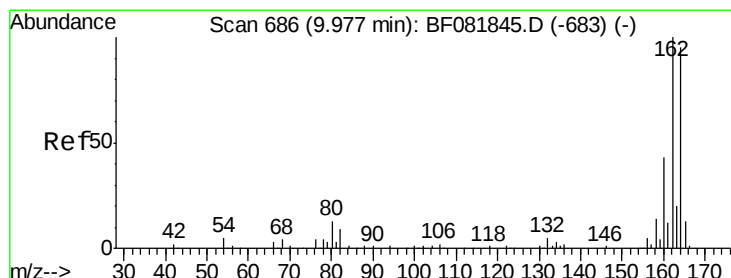
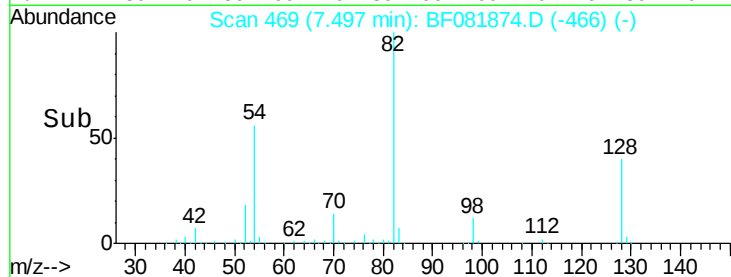
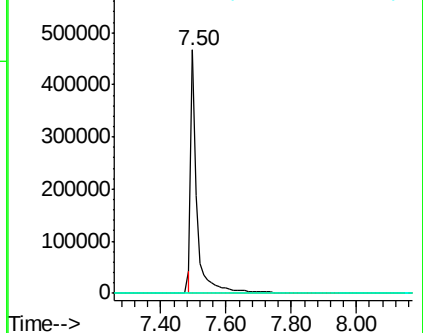
138 0.0 18.3 27.5#



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: BF081874.D

Acq: 29 Sep 2015 9:05

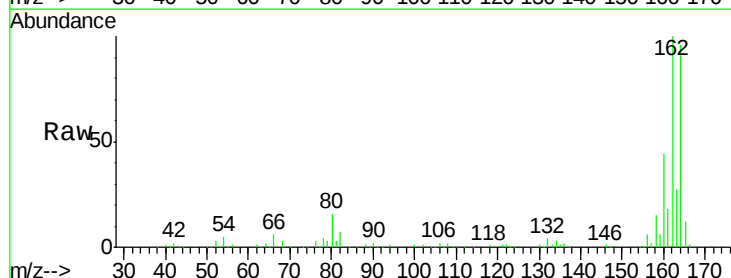
Tgt Ion: 164 Resp: 212314

Ion Ratio Lower Upper

164 100

162 104.5 75.2 112.8

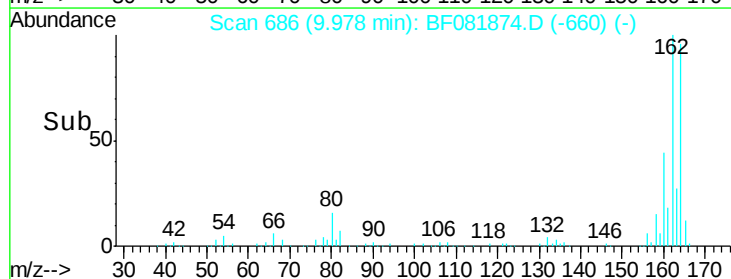
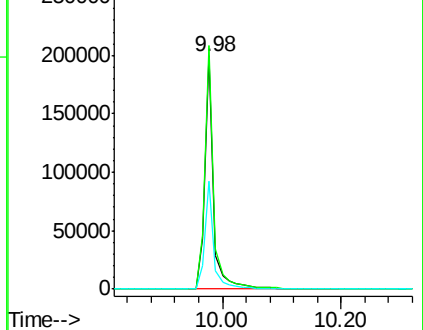
160 46.5 31.5 47.3

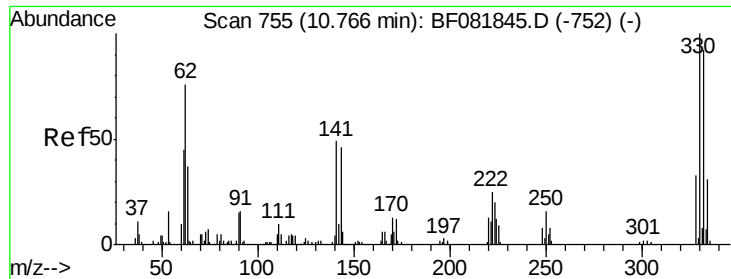


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

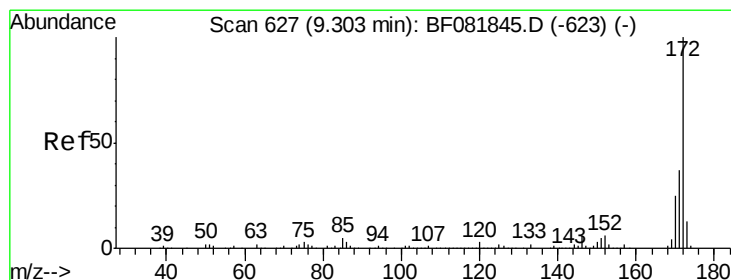
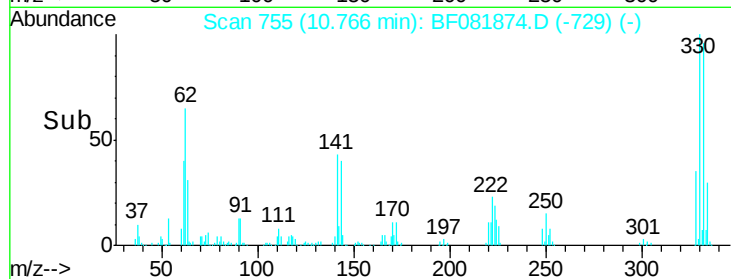
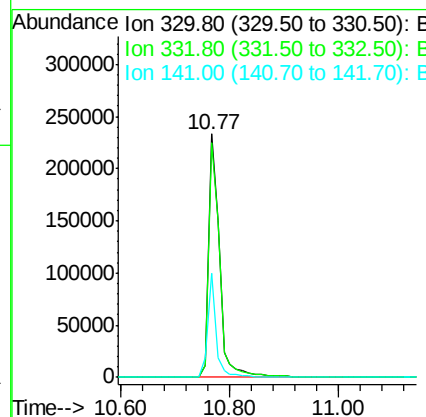
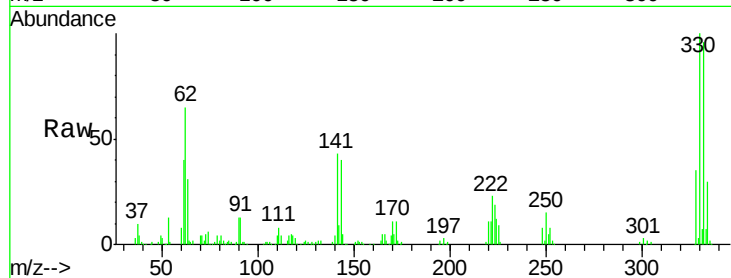




#41
 2,4,6-Tribromophenol
 Concen: 149.23 ng
 RT: 10.77 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

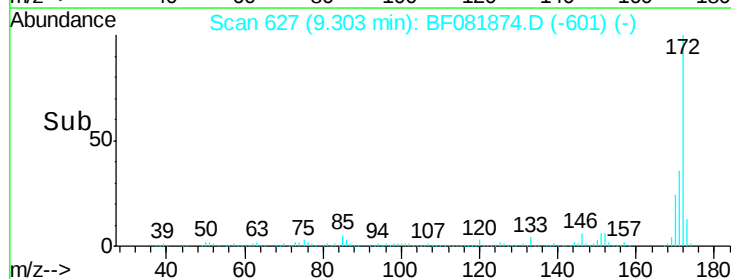
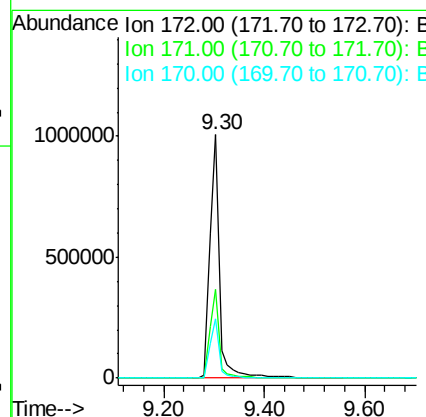
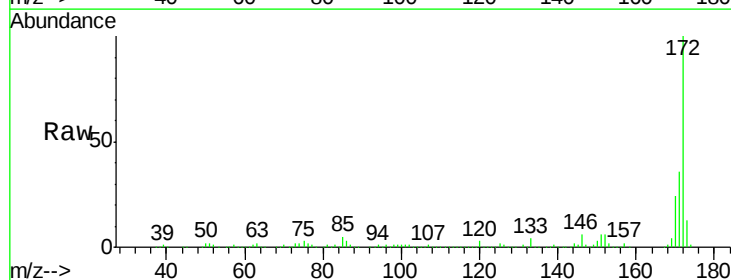
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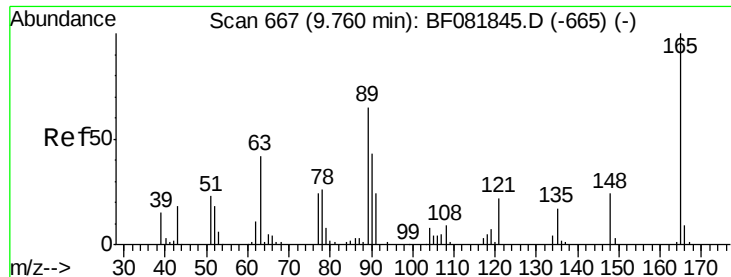
Tgt Ion:330 Resp: 320878
 Ion Ratio Lower Upper
 330 100
 332 97.4 76.6 114.8
 141 33.8 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 112.11 ng
 RT: 9.30 min Scan# 627
 Delta R.T. 0.00 min
 Lab File: BF081874.D
 Acq: 29 Sep 2015 9:05

Tgt Ion:172 Resp: 1335719
 Ion Ratio Lower Upper
 172 100
 171 36.2 26.1 39.1
 170 24.4 17.4 26.2

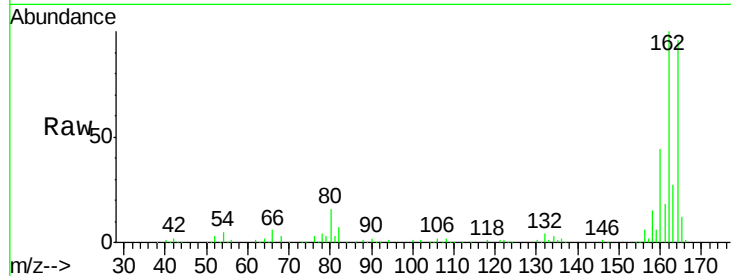




#50
2,6-Dinitrotoluene
Concen: 8.08 ng
RT: 9.98 min Scan# 686
Delta R.T. 0.22 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

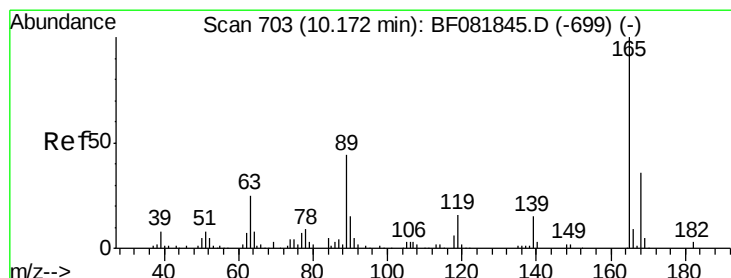
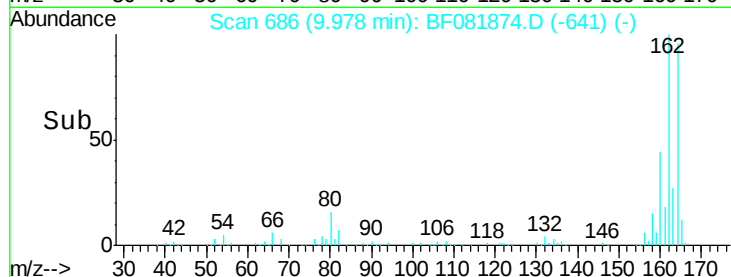
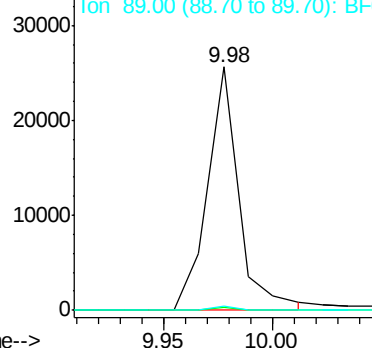
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	32.3	48.5#
89	1.6	28.6	43.0#



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: 6.56 ng
RT: 9.98 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

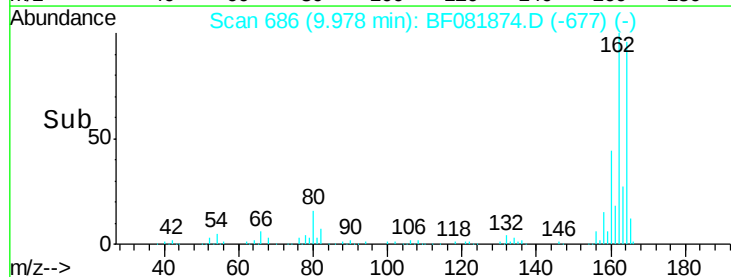
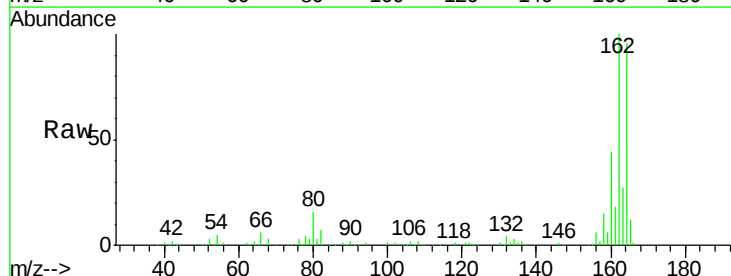
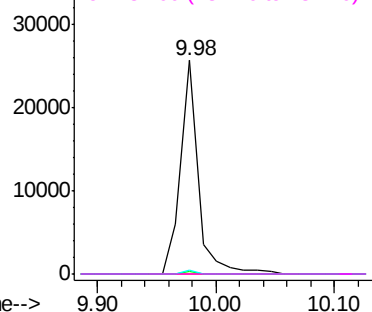
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	29.8	44.6#
89	1.6	44.5	66.7#
182	0.0	3.0	4.4#

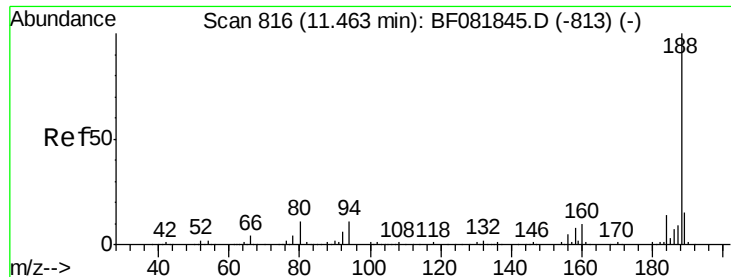
Abundance Ion 165.00 (164.70 to 165.70): E

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

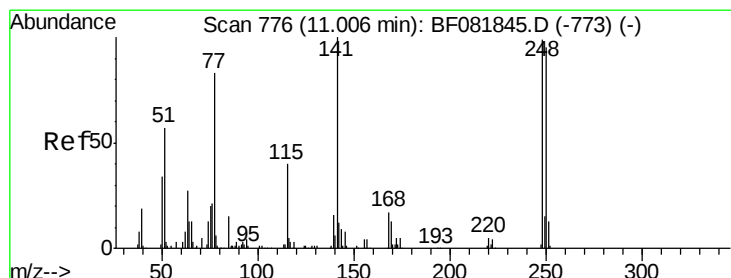
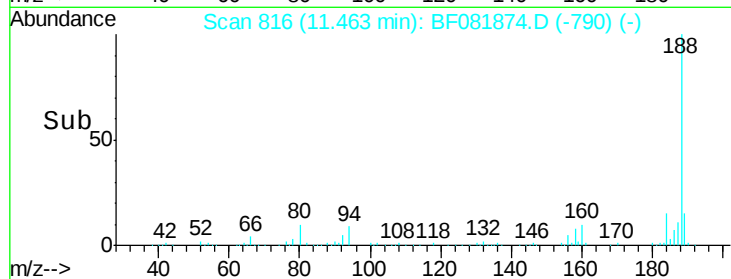
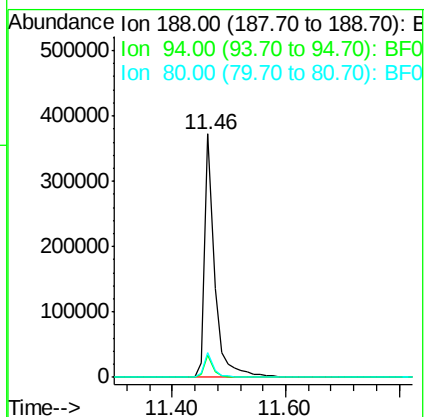
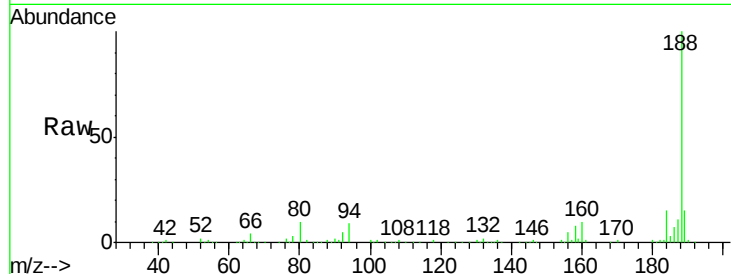




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

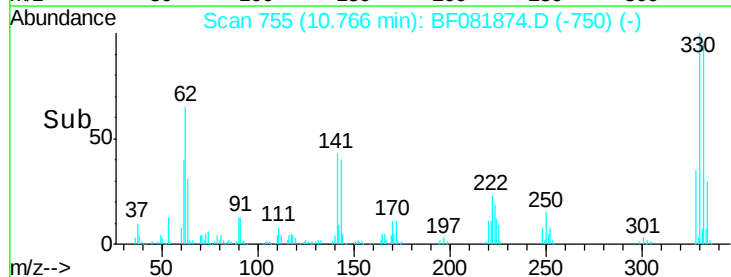
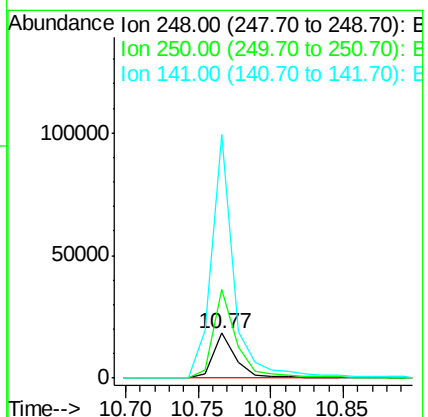
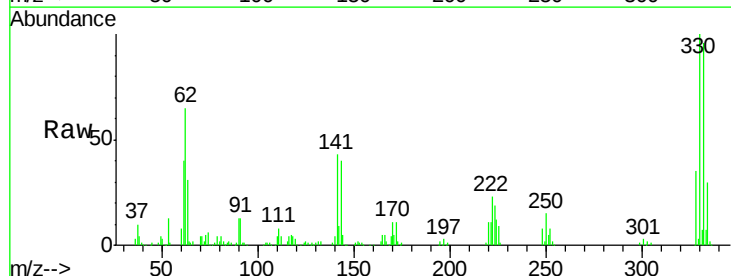
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

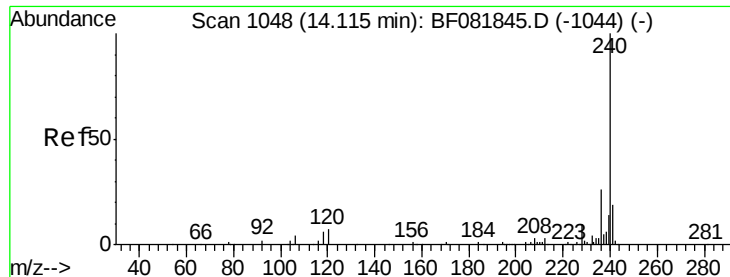
Tgt Ion:188 Resp: 438758
Ion Ratio Lower Upper
188 100
94 9.3 11.1 16.7#
80 10.0 11.0 16.4#



#66
4-Bromophenyl-phenylether
Concen: 4.58 ng
RT: 10.77 min Scan# 755
Delta R.T. -0.24 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Tgt Ion:248 Resp: 20282
Ion Ratio Lower Upper
248 100
250 197.2 78.5 117.7#
141 543.1 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: BF081874.D

Acq: 29 Sep 2015 9:05

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-9-17-15

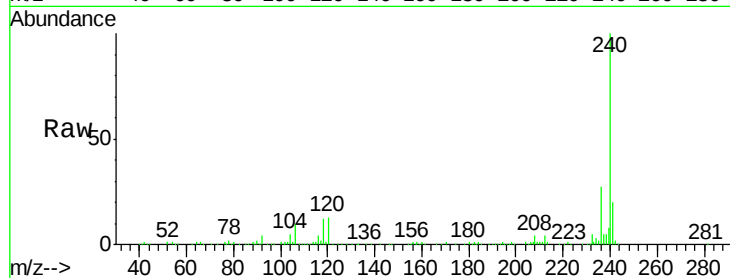
Tgt Ion:240 Resp: 411859

Ion Ratio Lower Upper

240 100

120 13.3 16.2 24.2#

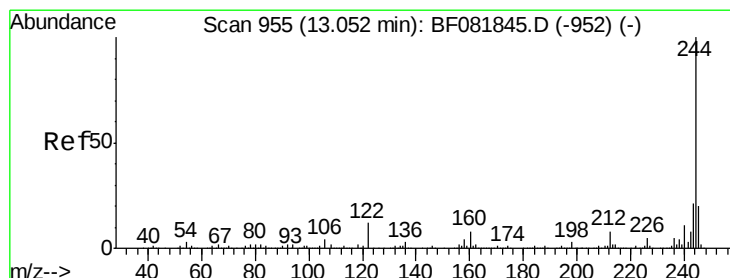
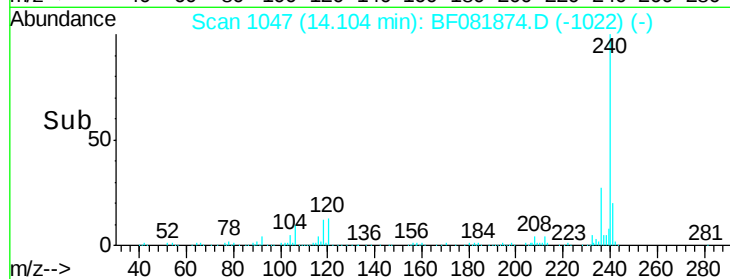
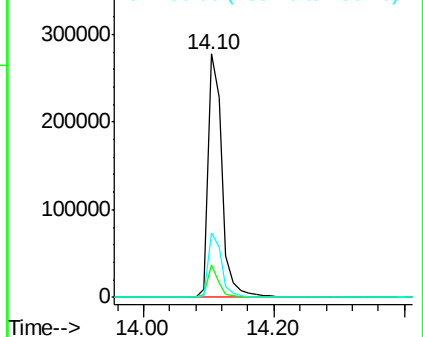
236 26.6 18.4 27.6



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: 140.82 ng

RT: 13.05 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF081874.D

Acq: 29 Sep 2015 9:05

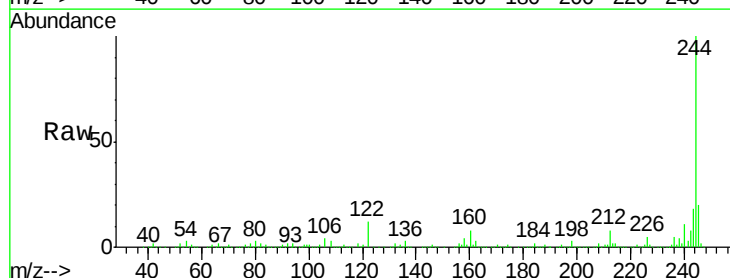
Tgt Ion:244 Resp: 1482343

Ion Ratio Lower Upper

244 100

212 8.1 4.3 6.5#

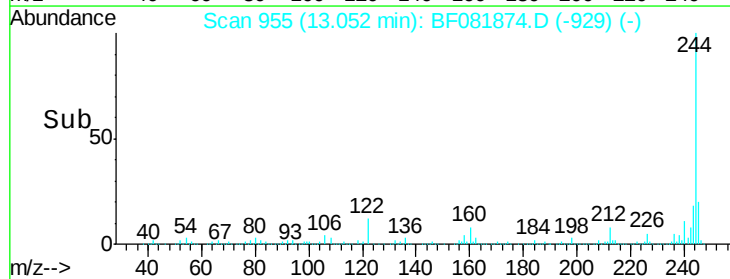
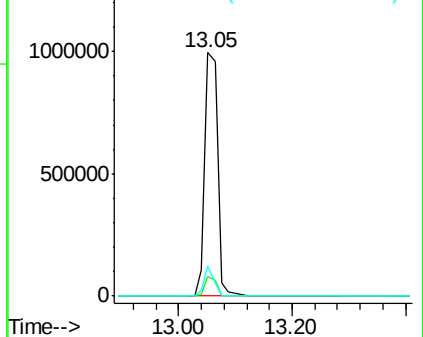
122 12.2 17.4 26.2#

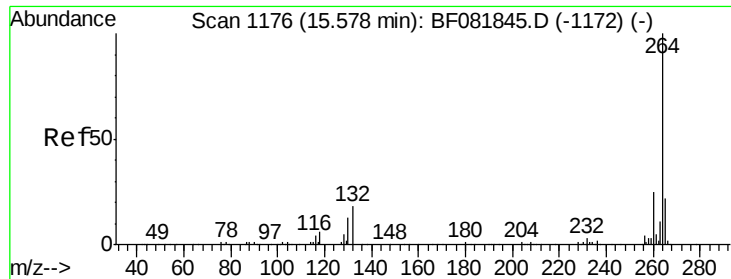


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

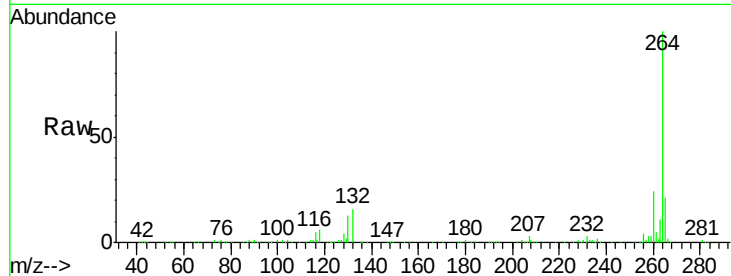




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.58 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF081874.D
Acq: 29 Sep 2015 9:05

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-9-17-15

Tgt Ion: 264 Resp: 339393
Ion Ratio Lower Upper
264 100
260 24.4 16.7 25.1
265 21.3 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

