

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084121.D
 Acq On : 25 Dec 2015 11:11
 Operator : UM/SJ
 Sample : G4951-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

Quant Time: Dec 26 00:35:21 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

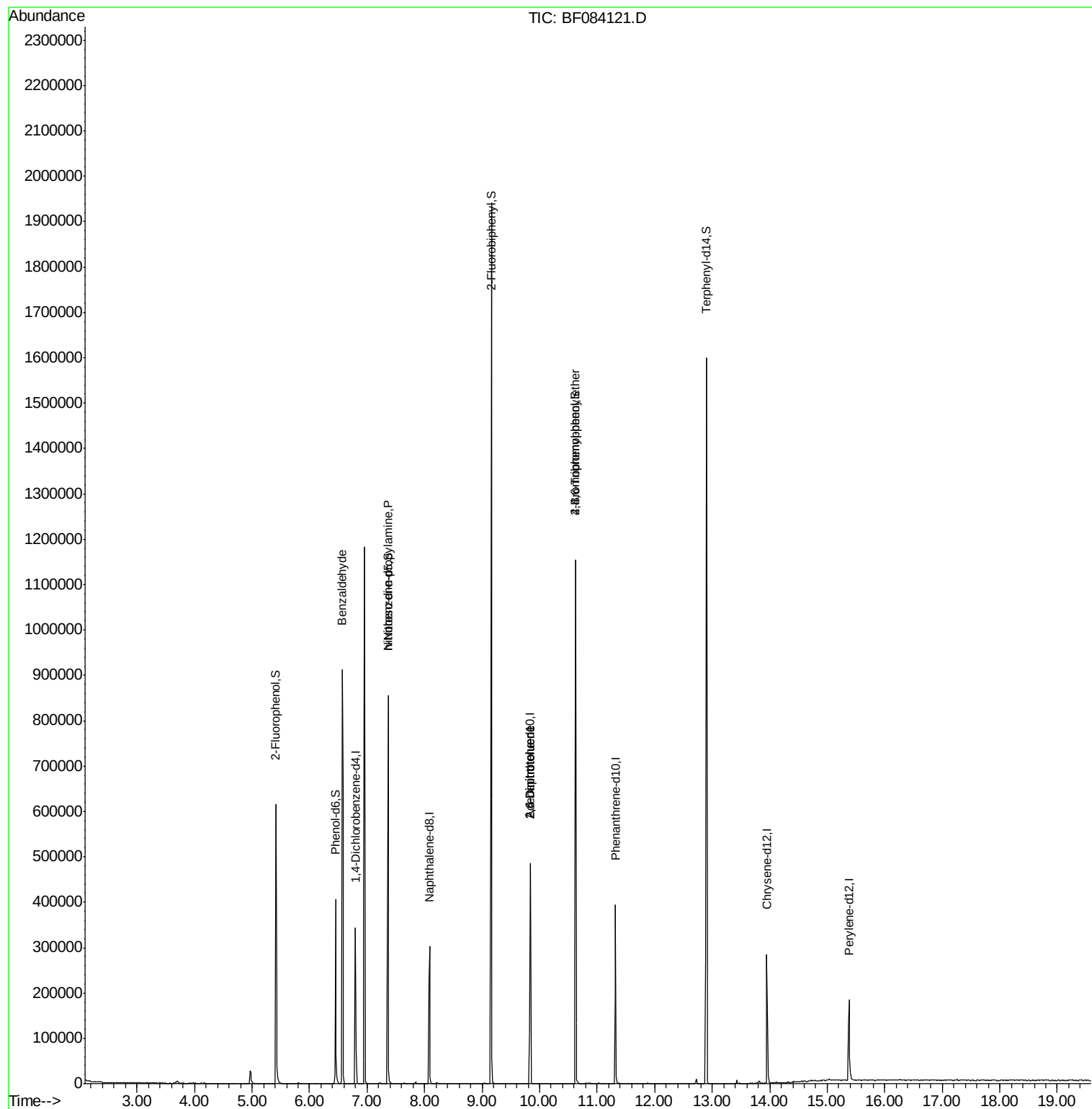
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52720	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	194256	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	94764	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	171187	20.00	ng	0.00
75) Chrysene-d12	13.95	240	118649	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	183886	59.14	ng	0.00
7) Phenol-d6	6.45	99	137306	35.68	ng	0.00
23) Nitrobenzene-d5	7.37	82	309161	93.16	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	125162	123.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	607227	87.68	ng	0.00
78) Terphenyl-d14	12.90	244	488613	74.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	7674	3.73	ng	# 79
19) n-Nitroso-di-n-propylamine	7.37	70	43370	18.30	ng	# 76
50) 2,6-Dinitrotoluene	9.84	165	12010	7.21	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	12010	5.46	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9029	4.55	ng	# 1
74) Fluoranthene	12.54	202	795	Below Cal		63

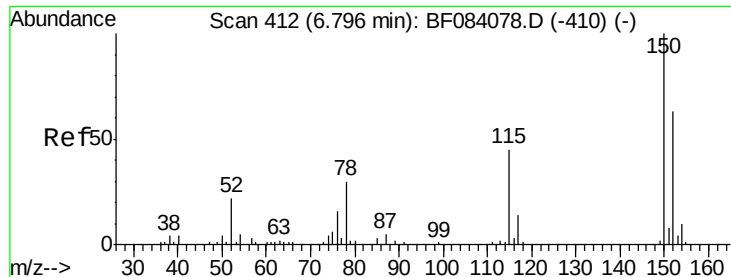
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122315

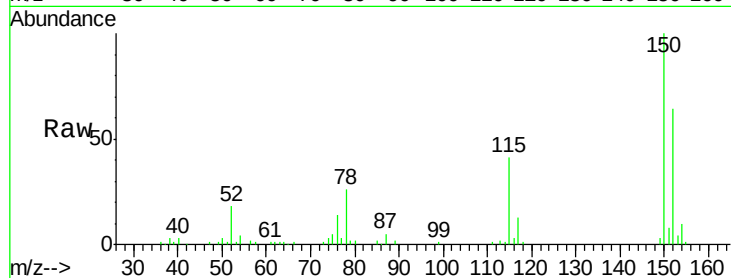
Tgt Ion:152 Resp: 52720

Ion Ratio Lower Upper

152 100

150 156.7 123.0 184.4

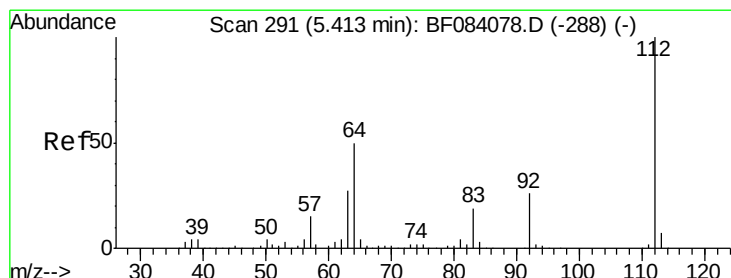
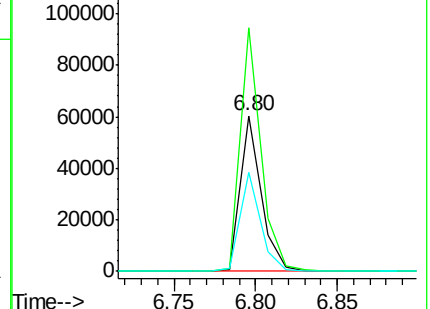
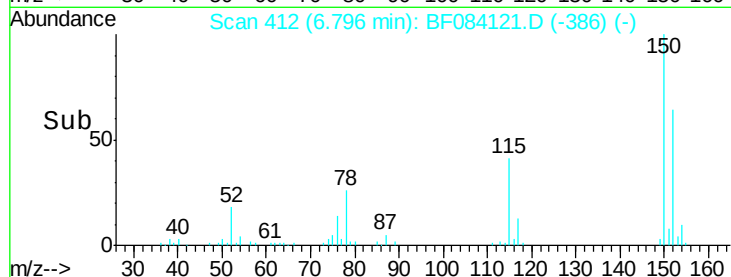
115 63.5 51.4 77.2



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: 59.14 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

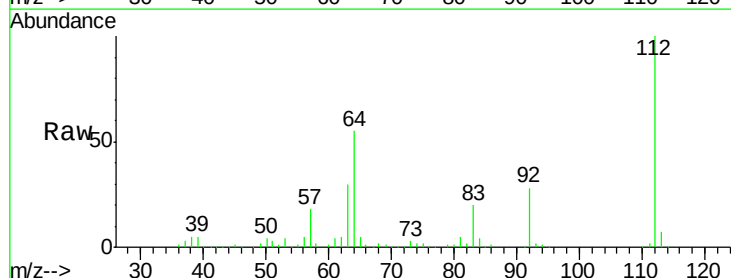
Tgt Ion:112 Resp: 183886

Ion Ratio Lower Upper

112 100

64 54.9 36.6 55.0

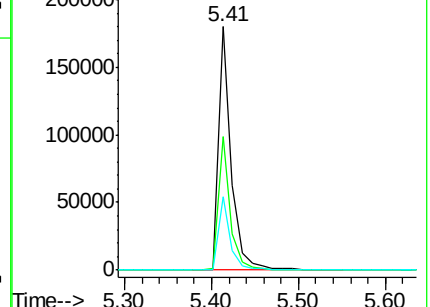
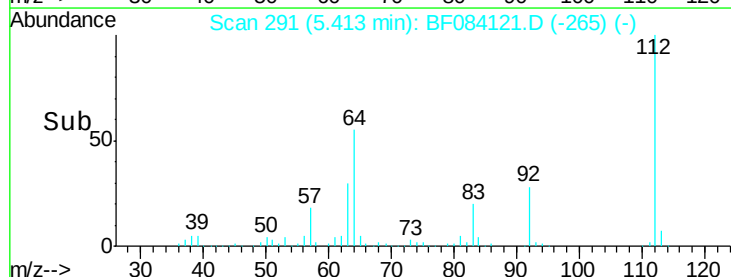
63 30.0 19.4 29.0#

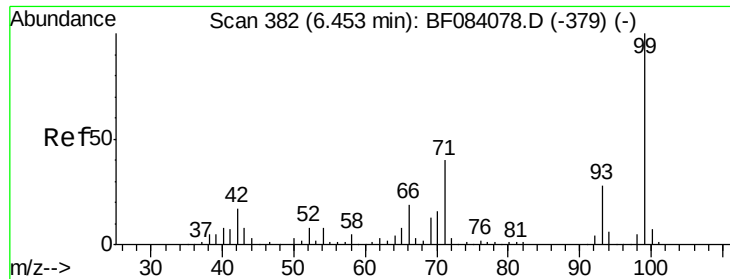


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 35.68 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122315

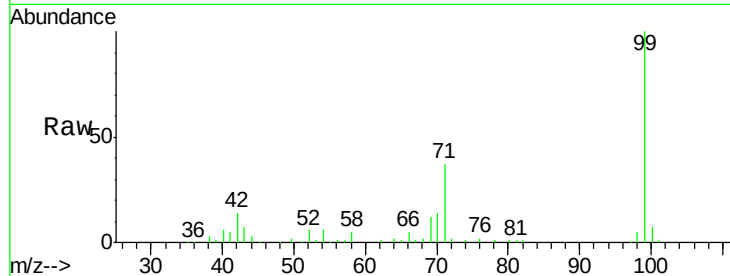
Tgt Ion: 99 Resp: 137306

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

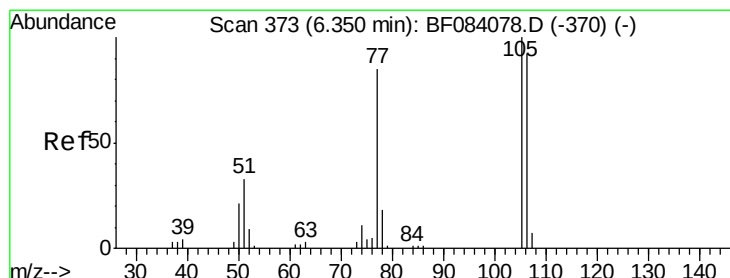
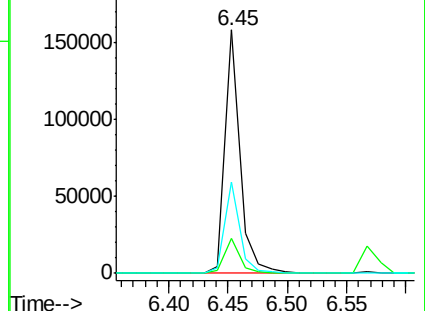
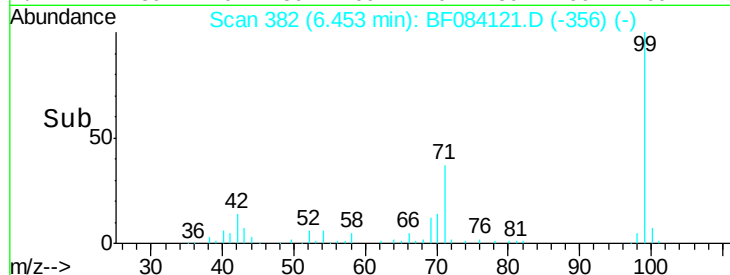
71 37.3 30.9 46.3



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: 3.73 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

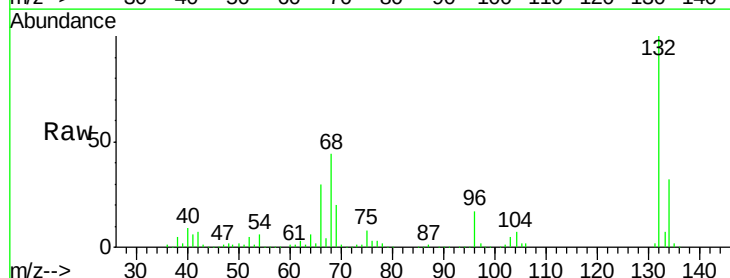
Tgt Ion: 77 Resp: 7674

Ion Ratio Lower Upper

77 100

105 80.3 83.0 123.0#

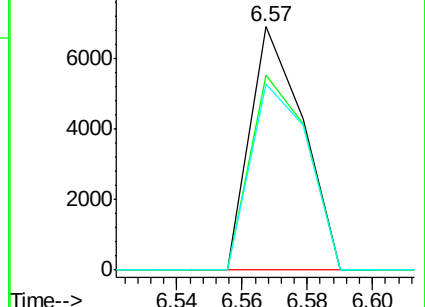
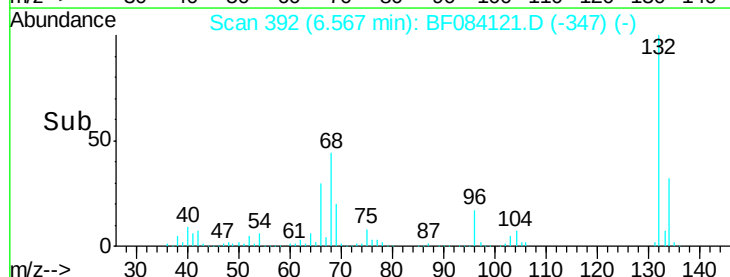
106 76.5 74.6 114.6

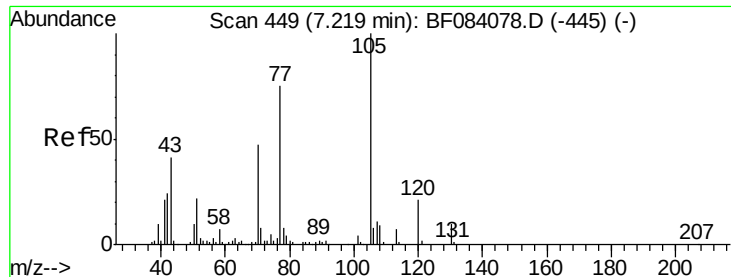


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

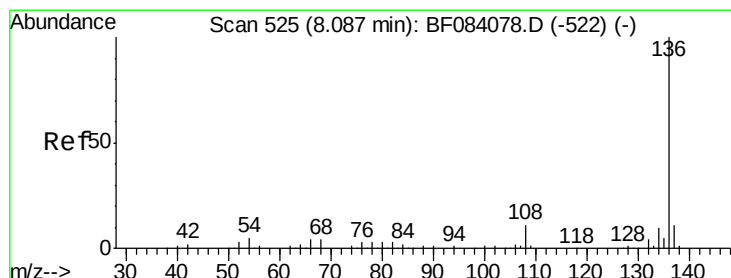
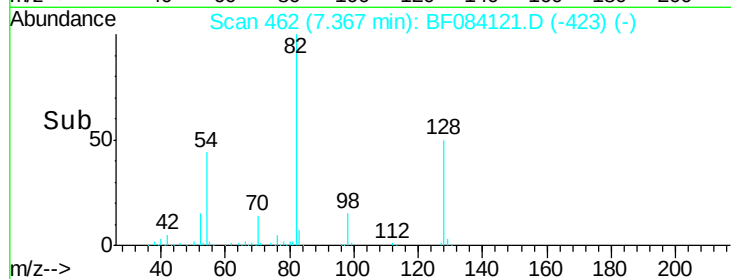
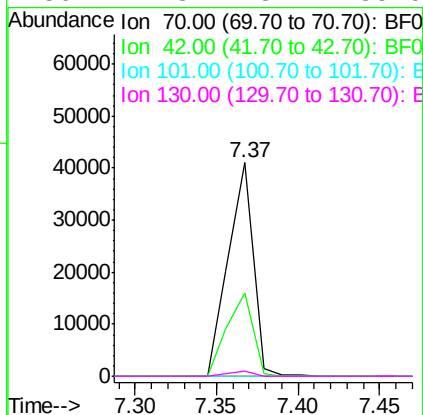
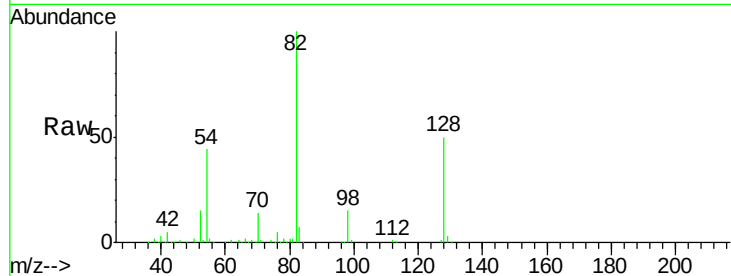




#19
n-Nitroso-di-n-propylamine
Concen: 18.30 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084121.D
Acq: 25 Dec 2015 11:11

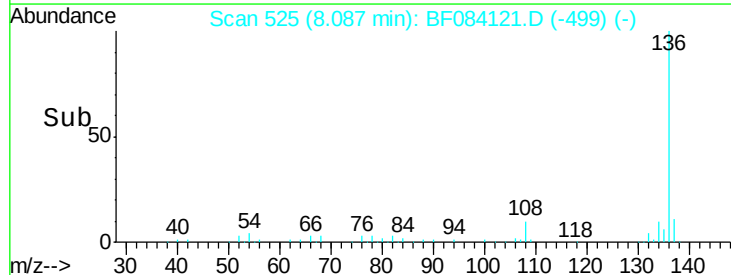
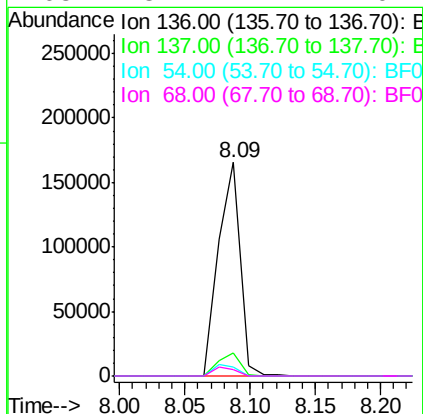
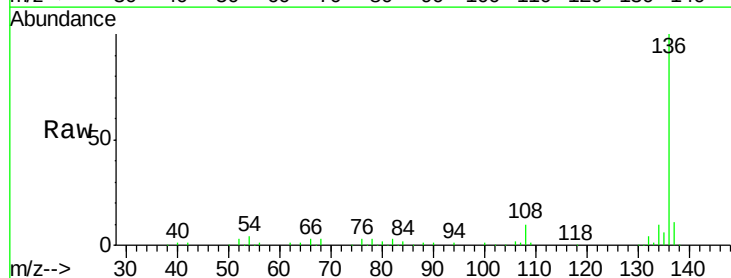
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-122315

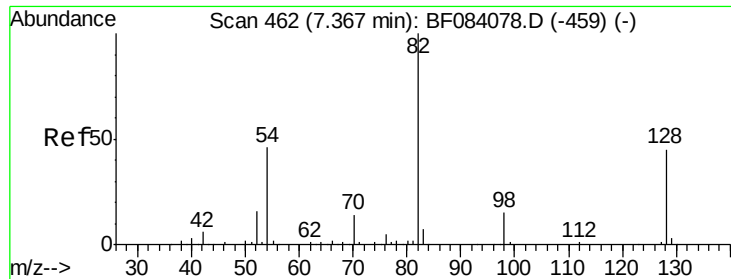
Tgt Ion: 70 Resp: 43370
Ion Ratio Lower Upper
70 100
42 38.7 33.3 49.9
101 0.0 9.3 13.9#
130 2.3 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084121.D
Acq: 25 Dec 2015 11:11

Tgt Ion: 136 Resp: 194256
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 4.3 5.8 8.8#
68 3.2 4.2 6.2#

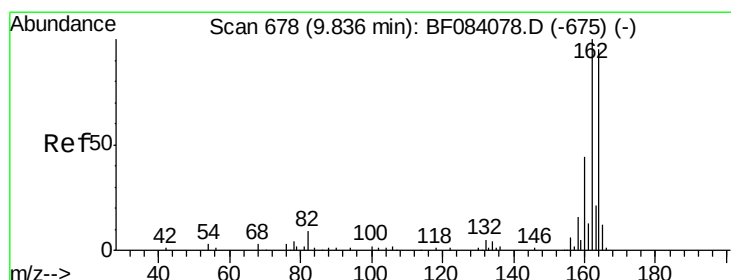
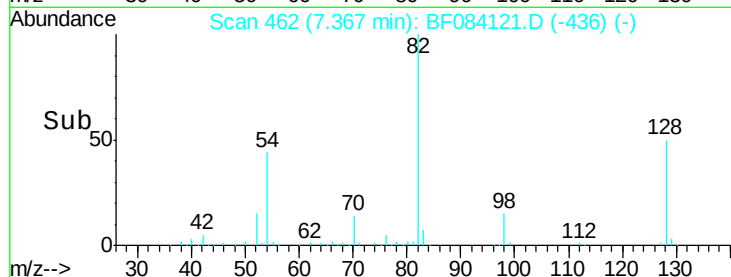
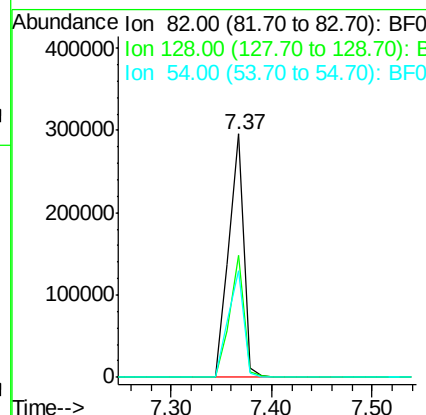
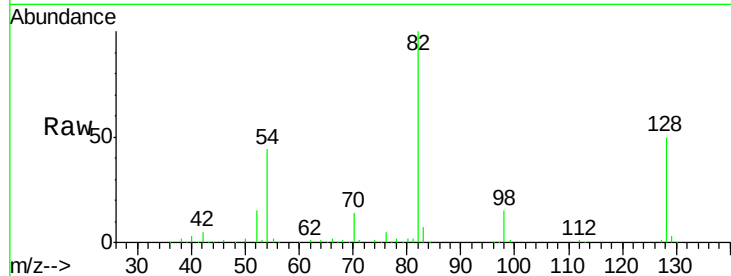




#23
 Nitrobenzene-d5
 Concen: 93.16 ng
 RT: 7.37 min Scan# 462
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

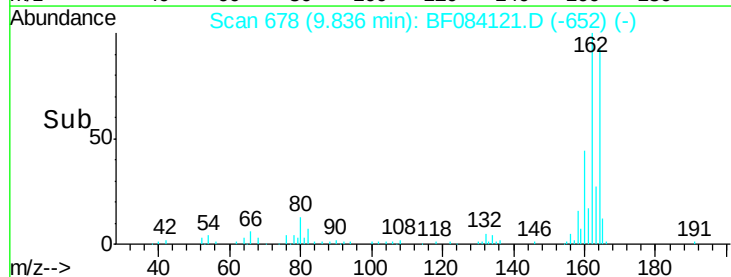
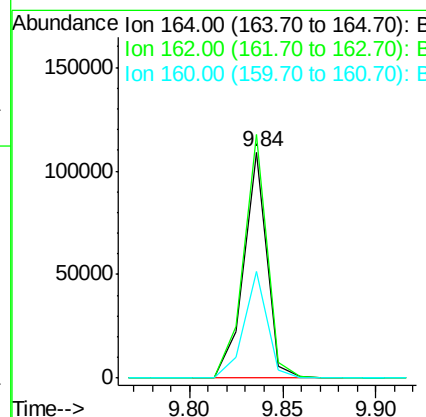
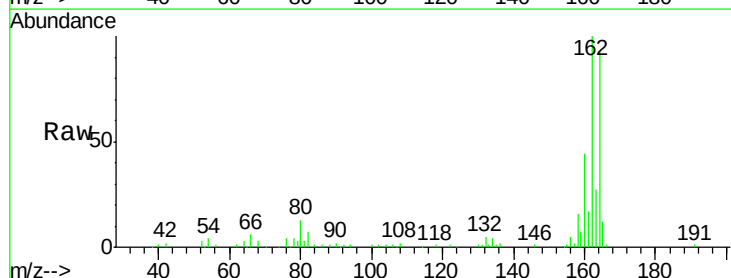
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

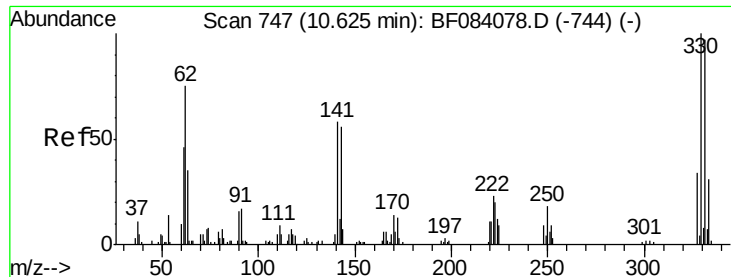
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	51.8
54	43.9	38.4	57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.6	85.1	127.7
160	46.9	37.5	56.3

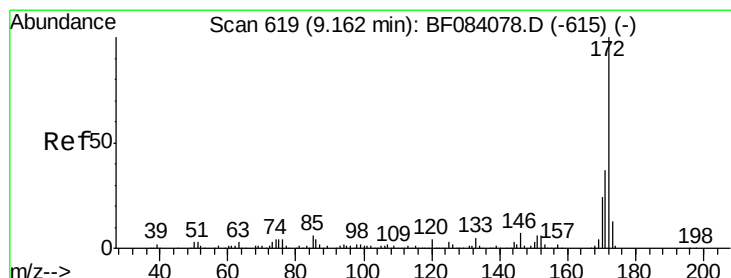
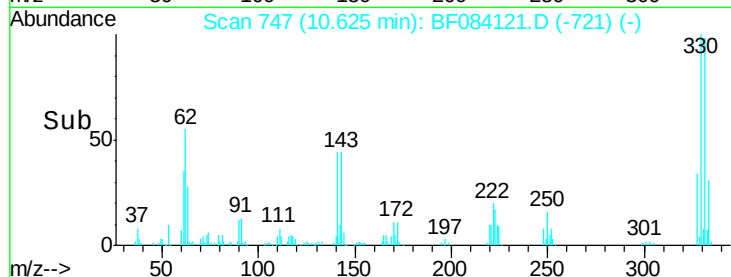
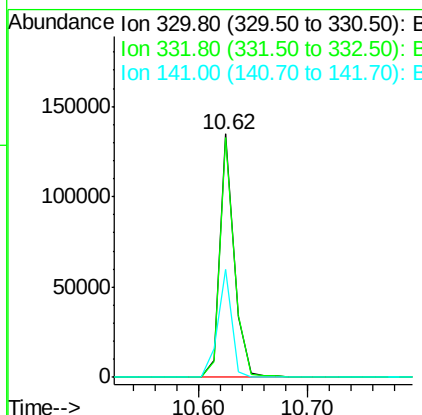
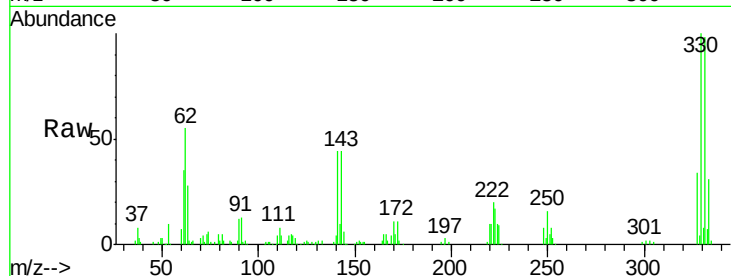




#41
 2,4,6-Tribromophenol
 Concen: 123.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

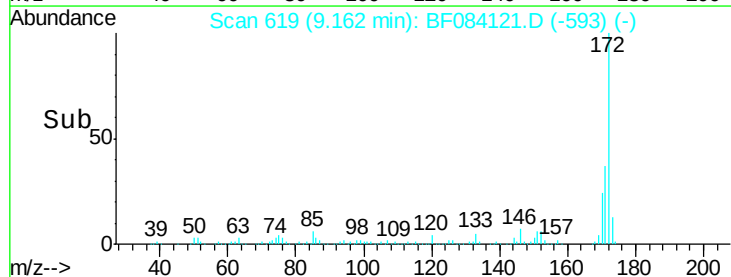
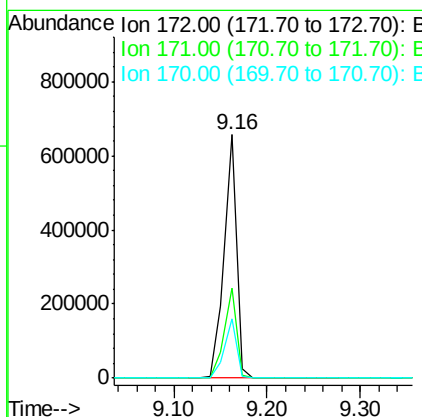
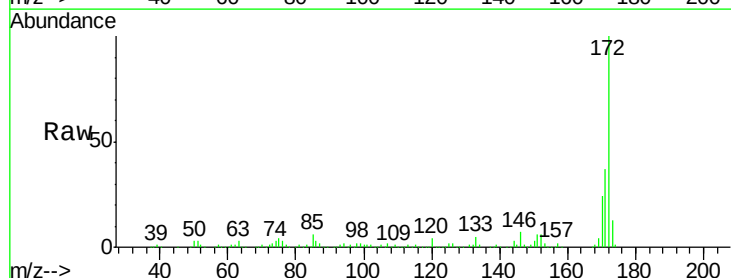
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

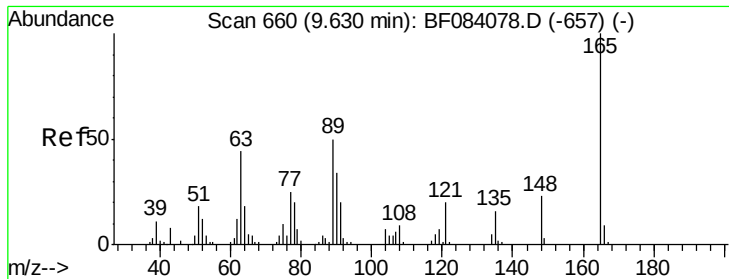
Tgt Ion:330 Resp: 125162
 Ion Ratio Lower Upper
 330 100
 332 98.7 76.6 114.8
 141 43.3 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 87.68 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Tgt Ion:172 Resp: 607227
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.3 18.6 27.8

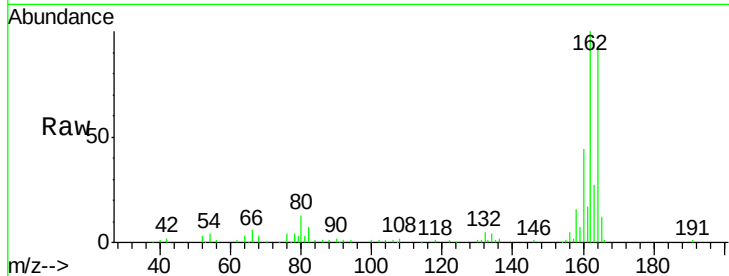




#50
 2,6-Dinitrotoluene
 Concen: 7.21 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-122315

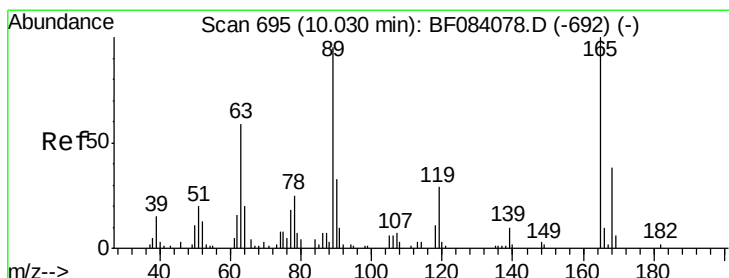
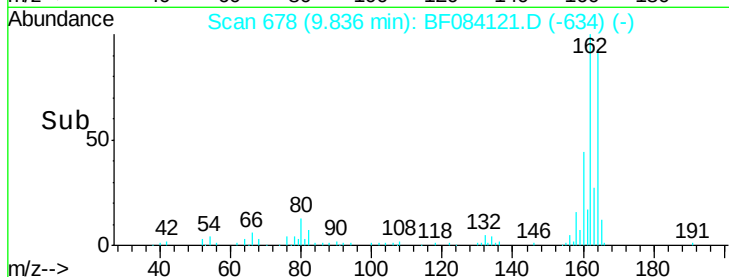
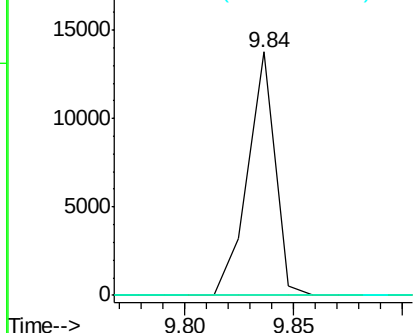
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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: 5.46 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084121.D
 Acq: 25 Dec 2015 11:11

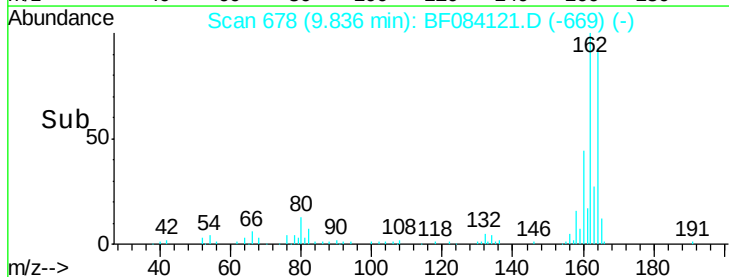
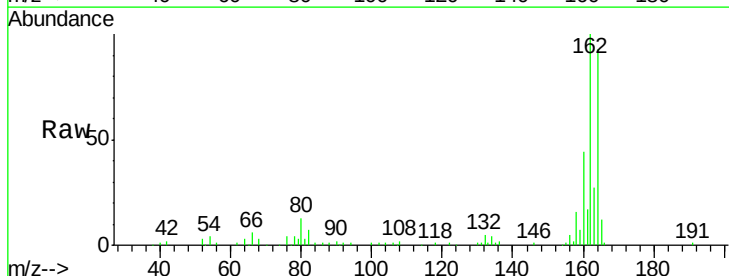
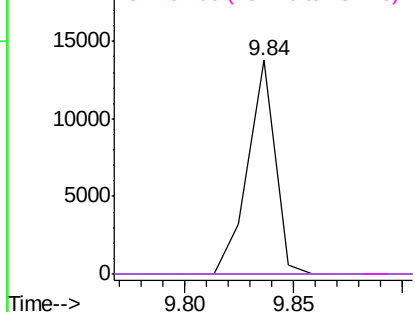
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

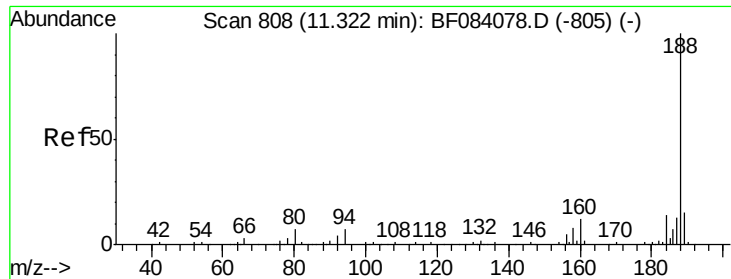
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

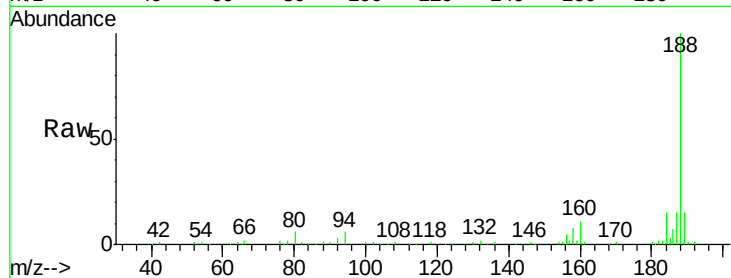




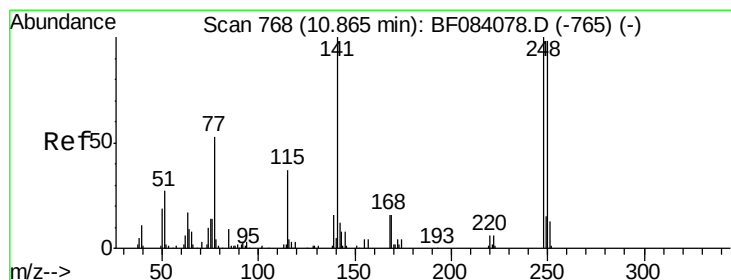
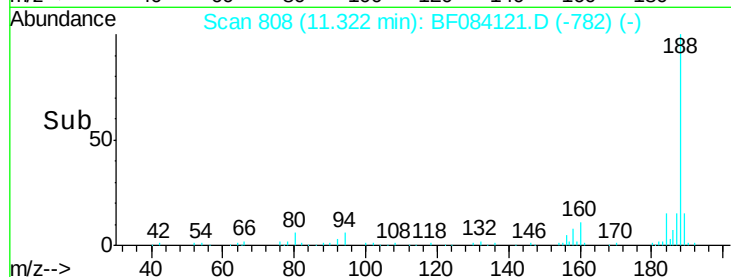
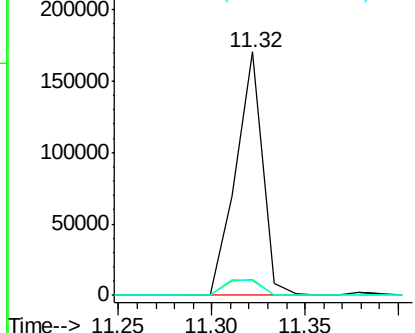
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF084121.D
Acq: 25 Dec 2015 11:11

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BNA_F
ClientSampleId :
FIELDBLANK-122315

Tgt Ion:188 Resp: 171187
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.4#
80 6.1 9.6 14.4#

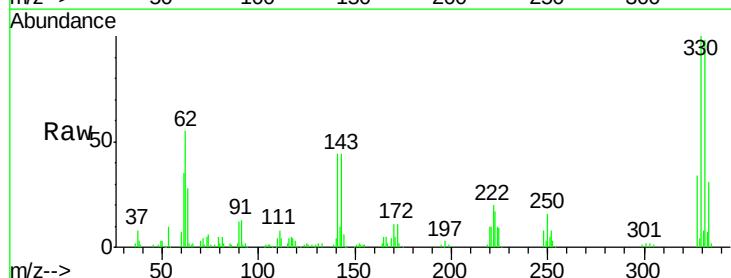


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

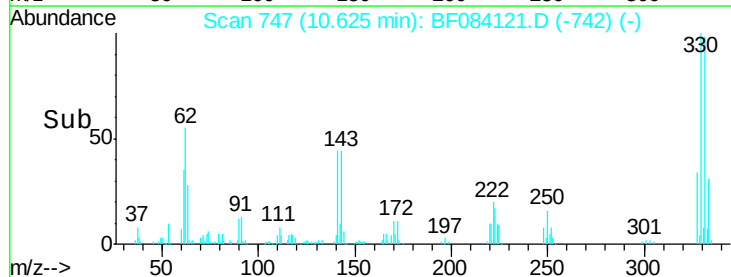
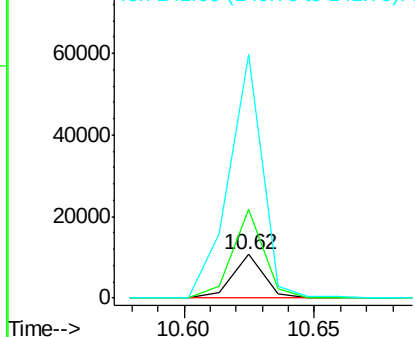


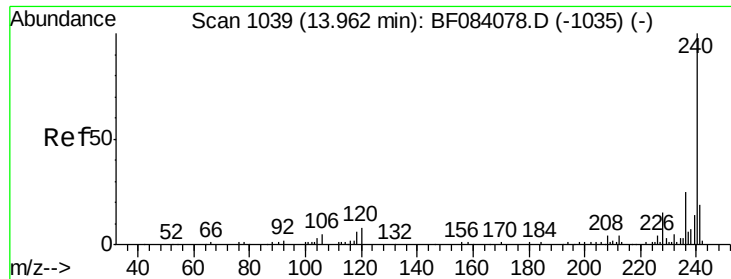
#66
4-Bromophenyl-phenylether
Concen: 4.55 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF084121.D
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Tgt Ion:248 Resp: 9029
Ion Ratio Lower Upper
248 100
250 204.8 78.4 117.6#
141 558.7 44.0 66.0#



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: 13.95 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-122315

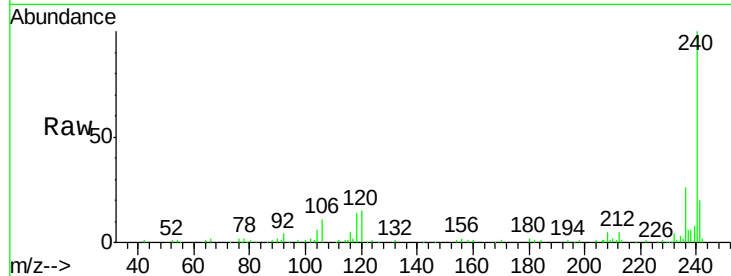
Tgt Ion:240 Resp: 118649

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

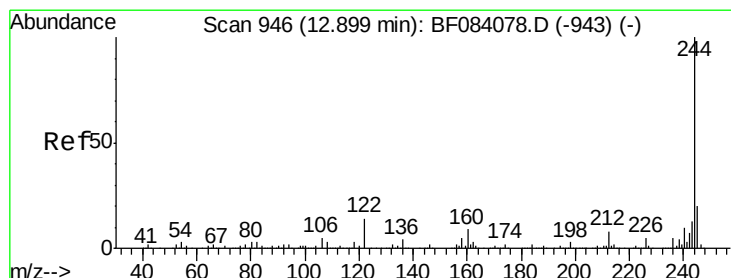
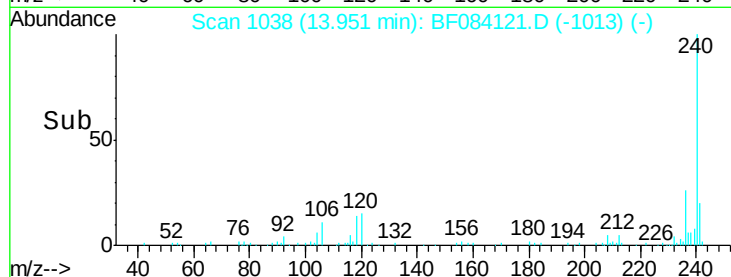
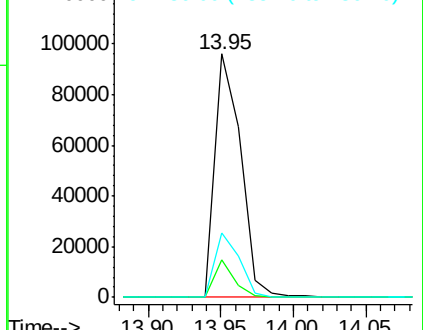
236 26.2 20.6 31.0



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: 74.52 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF084121.D

Acq: 25 Dec 2015 11:11

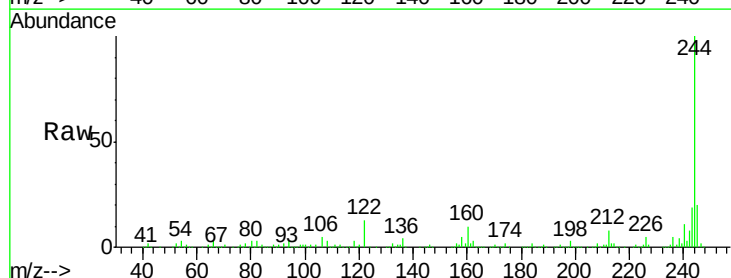
Tgt Ion:244 Resp: 488613

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

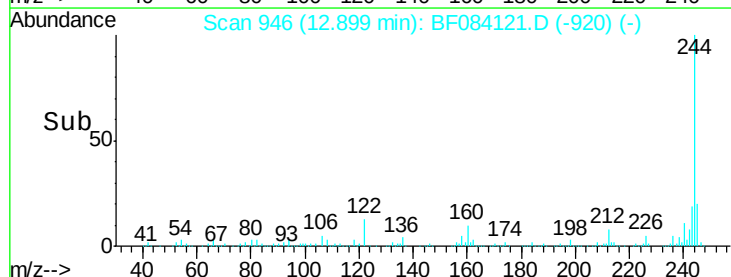
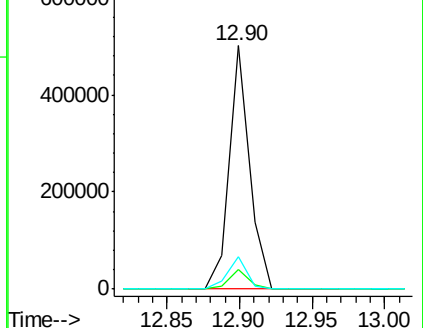
122 13.4 7.4 11.0#

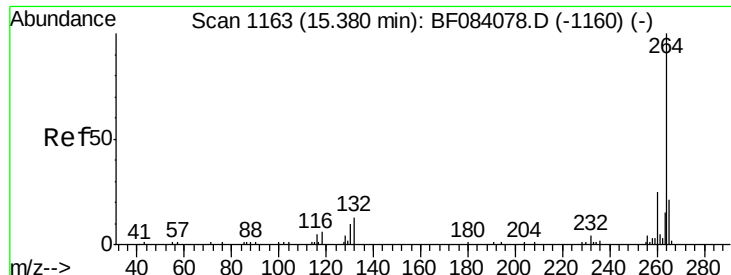


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.38 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BF084121.D
Acq: 25 Dec 2015 11:11

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-122315

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	21.2	17.8	26.6

