

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084120.D
 Acq On : 25 Dec 2015 10:43
 Operator : UM/SJ
 Sample : G4951-13
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

Quant Time: Dec 26 00:35:11 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

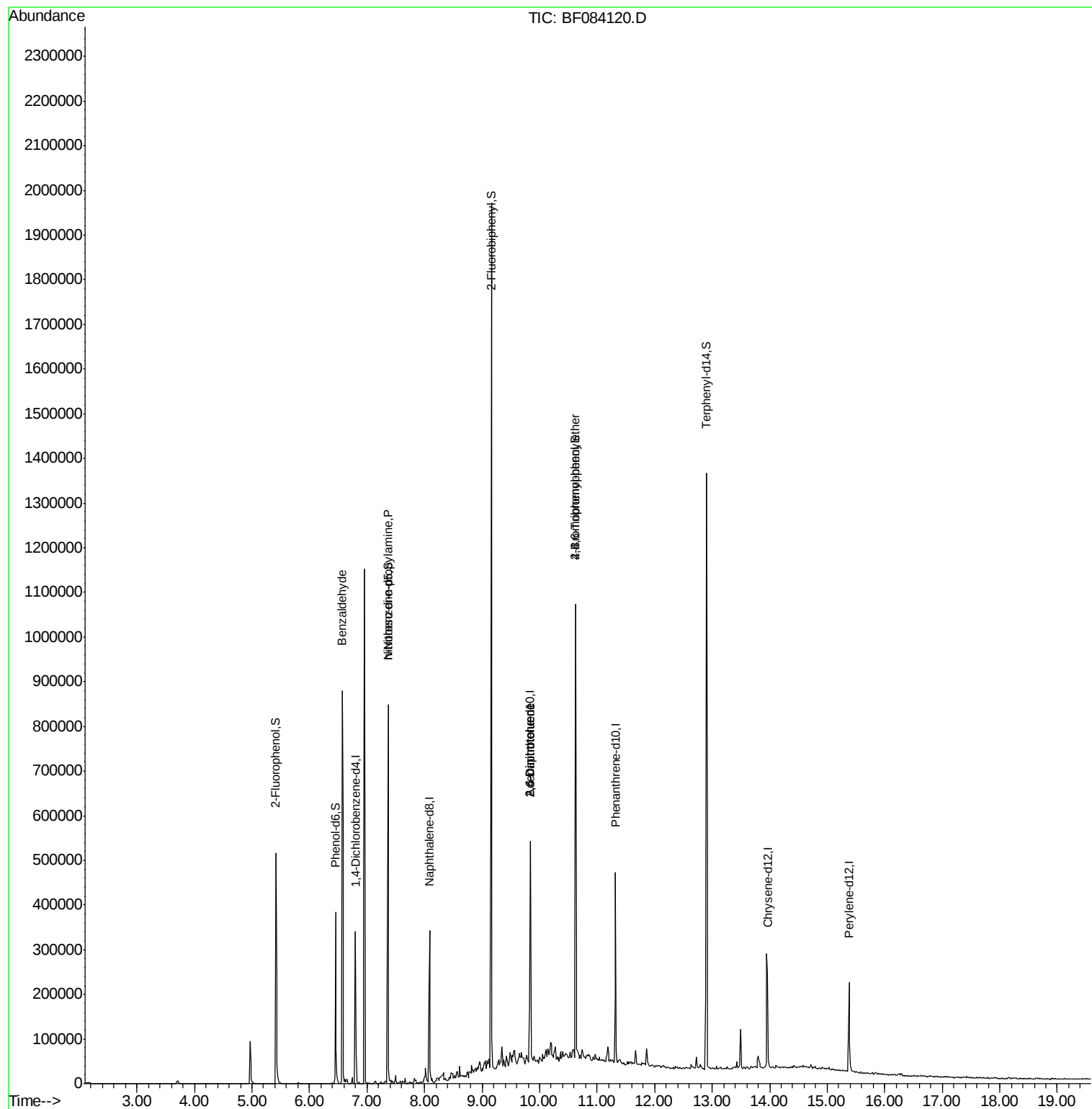
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50663	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	191137	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93442	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	158835	20.00	ng	0.00
75) Chrysene-d12	13.96	240	114892	20.00	ng	0.00
86) Perylene-d12	15.38	264	93151	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	171958	57.55	ng	0.00
7) Phenol-d6	6.45	99	132829	35.92	ng	0.00
23) Nitrobenzene-d5	7.37	82	313588	96.03	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	119428	119.85	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	589476	86.32	ng	0.00
78) Terphenyl-d14	12.90	244	446996	70.40	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	6914	3.50	ng	# 74
19) n-Nitroso-di-n-propylamine	7.37	70	43899	19.27	ng	# 73
50) 2,6-Dinitrotoluene	9.84	165	12117	7.38	ng	# 40
56) 2,4-Dinitrotoluene	9.84	165	12117	5.59	ng	# 23
66) 4-Bromophenyl-phenylether	10.62	248	8123	4.41	ng	# 1
74) Fluoranthene	12.53	202	1235	Below Cal		63

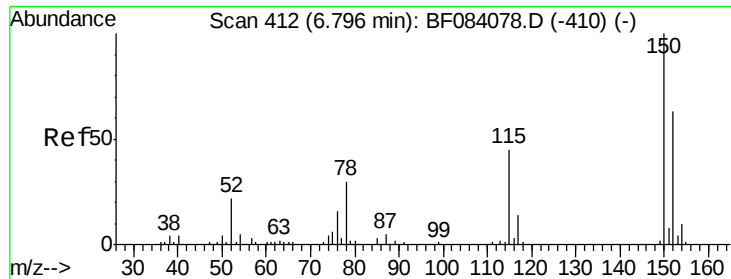
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084120.D
Acq On : 25 Dec 2015 10:43
Operator : UM/SJ
Sample : G4951-13
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-22-122315

Quant Time: Dec 26 00:35:11 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

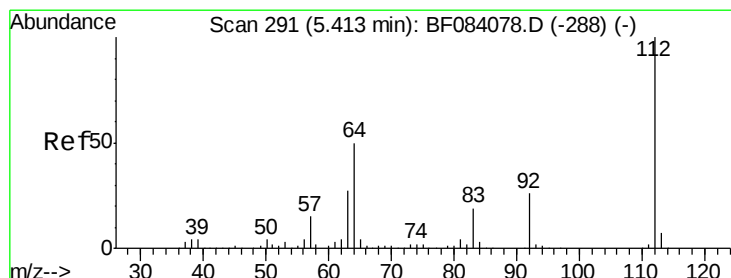
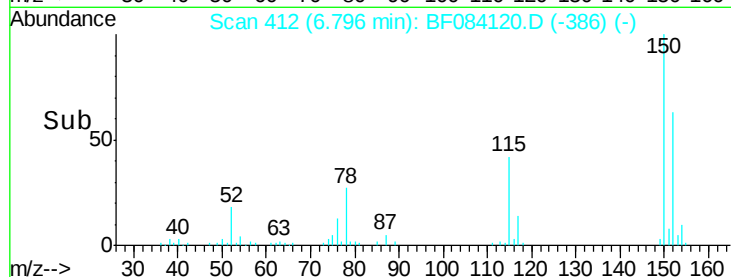
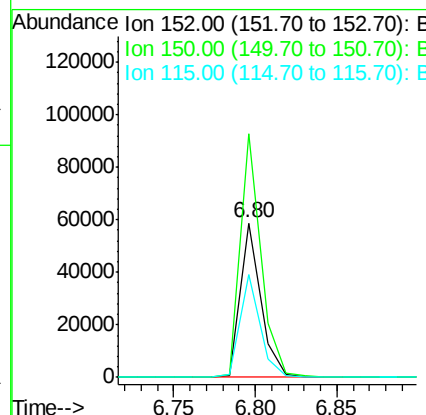
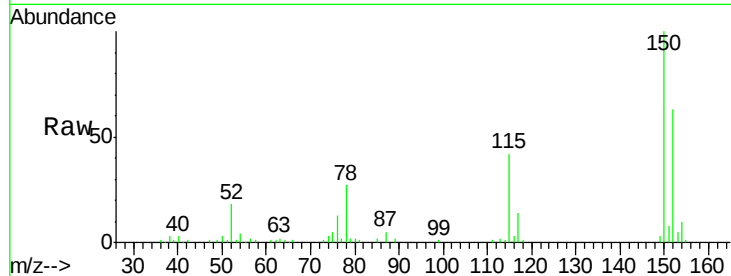




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

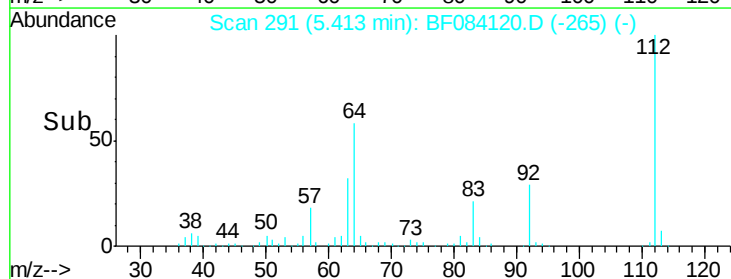
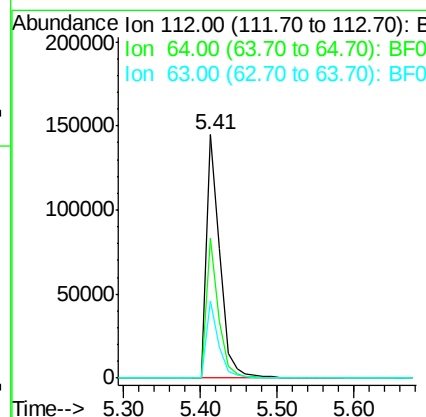
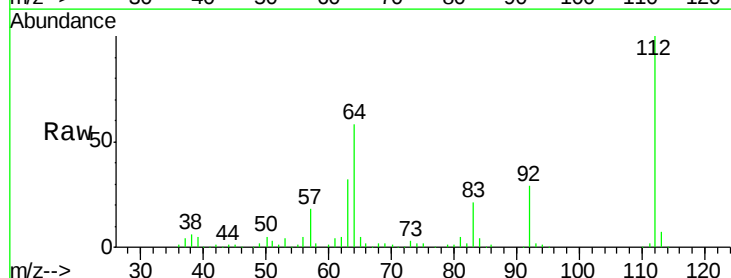
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

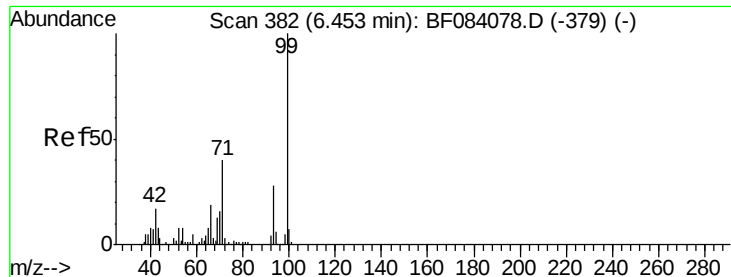
Tgt Ion:152 Resp: 50663
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.0 184.4
 115 66.2 51.4 77.2



#5
 2-Fluorophenol
 Concen: 57.55 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion:112 Resp: 171958
 Ion Ratio Lower Upper
 112 100
 64 57.7 36.6 55.0#
 63 31.9 19.4 29.0#





#7

Phenol-d6

Concen: 35.92 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Instrument :

BNA_F

ClientSampleId :

LIP-22-122315

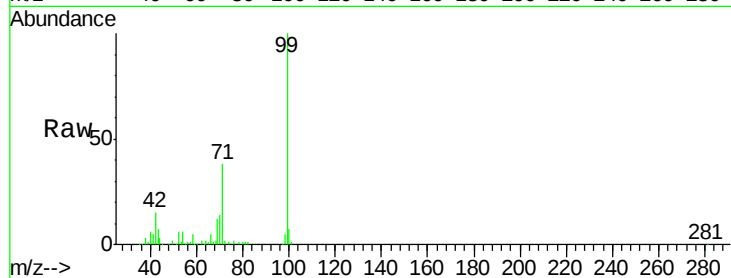
Tgt Ion: 99 Resp: 132829

Ion Ratio Lower Upper

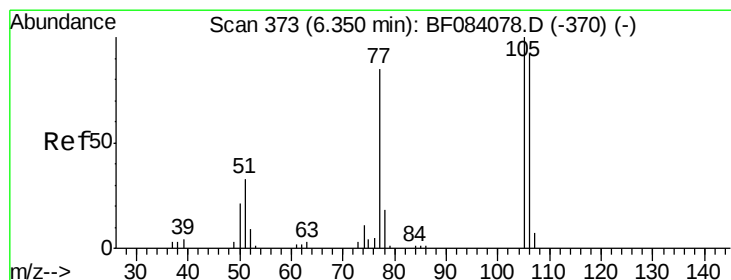
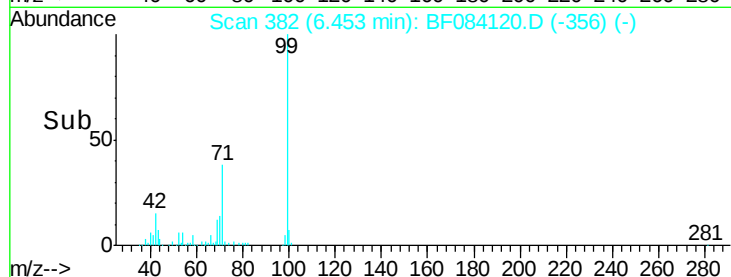
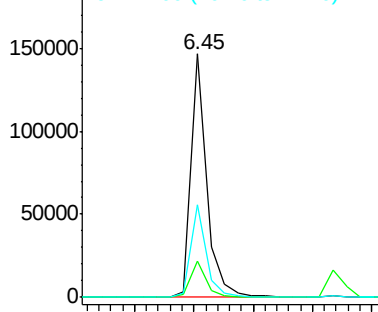
99 100

42 15.0 12.8 19.2

71 38.2 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: 3.50 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

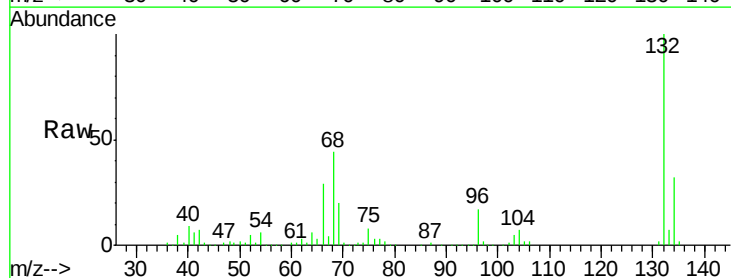
Tgt Ion: 77 Resp: 6914

Ion Ratio Lower Upper

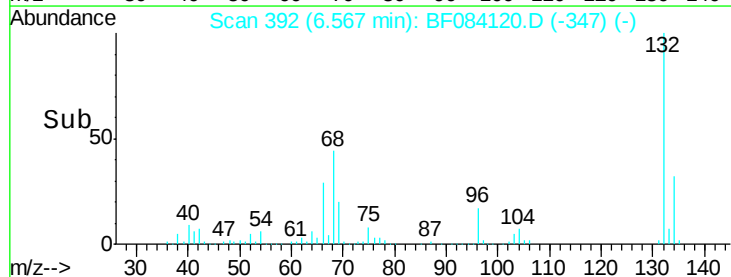
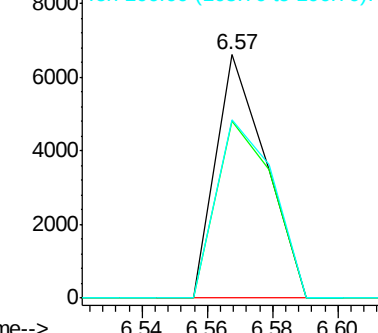
77 100

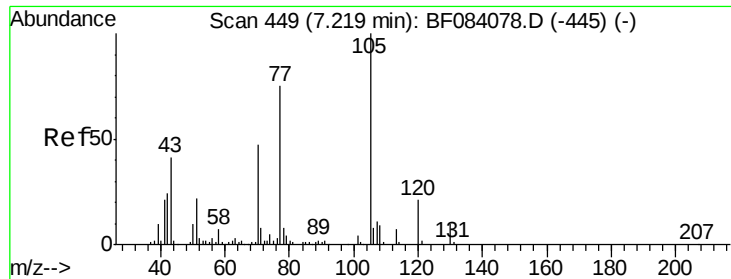
105 72.5 83.0 123.0#

106 73.5 74.6 114.6#



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





#19

n-Nitroso-di-n-propylamine

Concen: 19.27 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Instrument :

BNA_F

ClientSampleId :

LIP-22-122315

Tgt Ion: 70 Resp: 43899

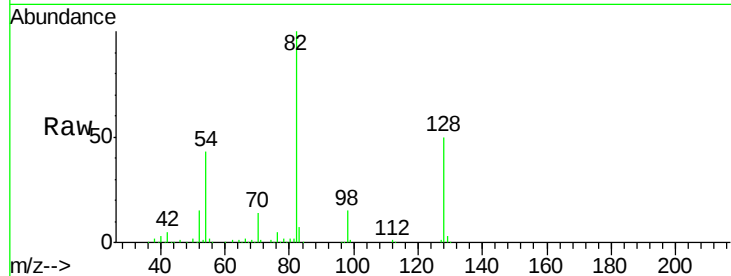
Ion Ratio Lower Upper

70 100

42 34.9 33.3 49.9

101 0.0 9.3 13.9#

130 2.4 23.4 35.0#

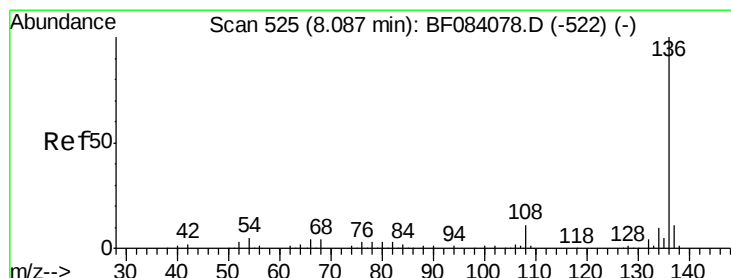
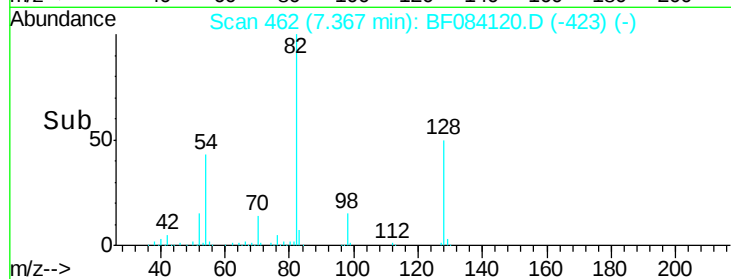
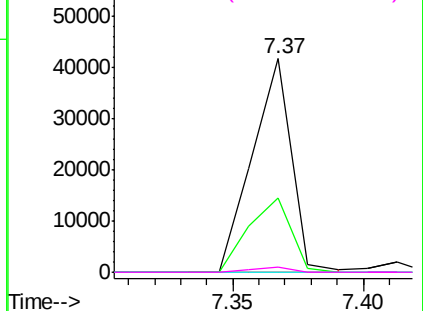


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Tgt Ion: 136 Resp: 191137

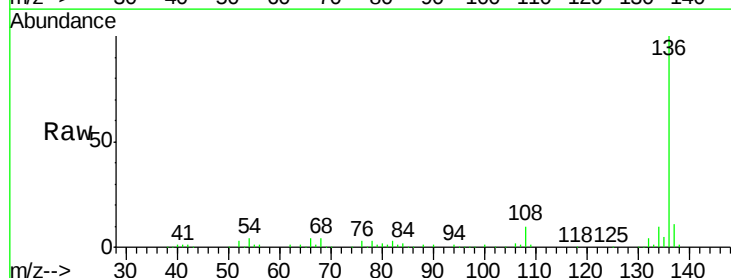
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 4.4 5.8 8.8#

68 3.5 4.2 6.2#

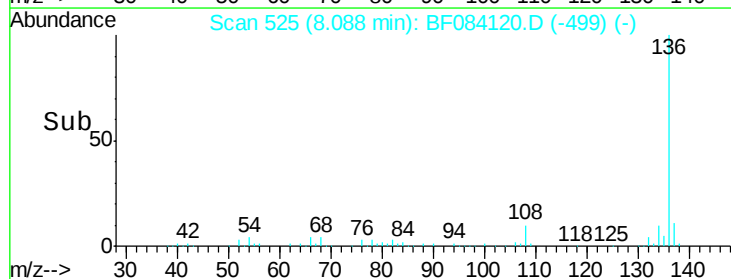
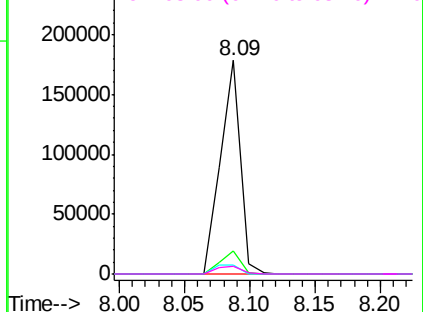


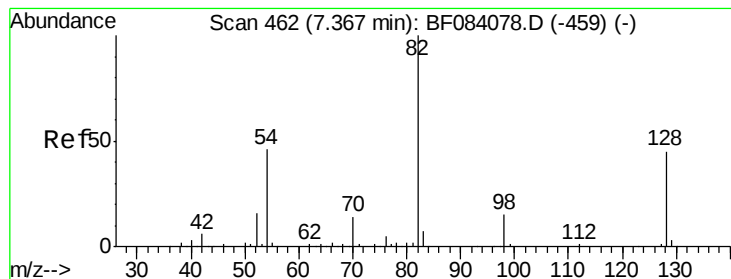
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.03 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Instrument :

BNA_F

ClientSampleId :

LIP-22-122315

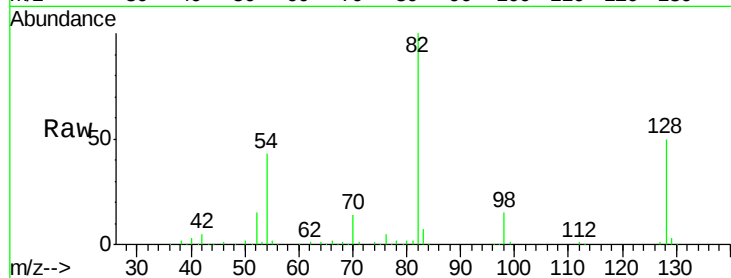
Tgt Ion: 82 Resp: 313588

Ion Ratio Lower Upper

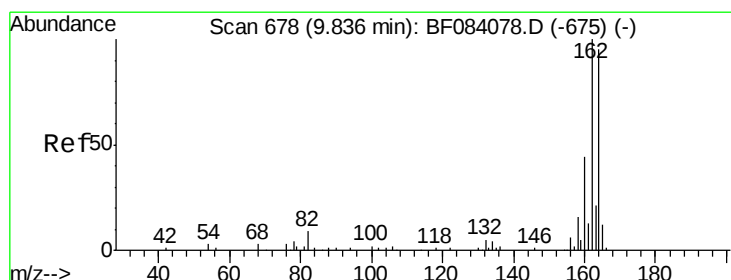
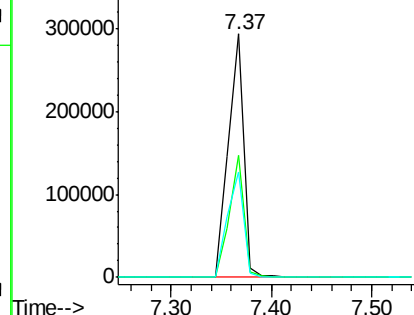
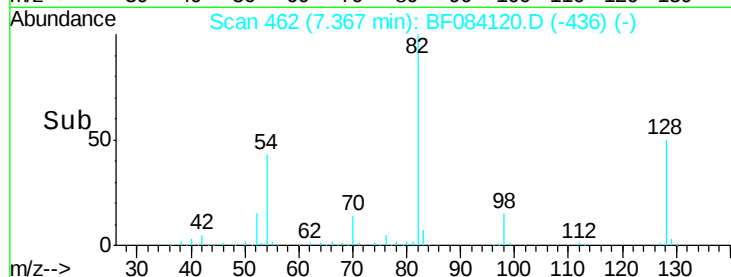
82 100

128 50.0 34.6 51.8

54 43.2 38.4 57.6



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

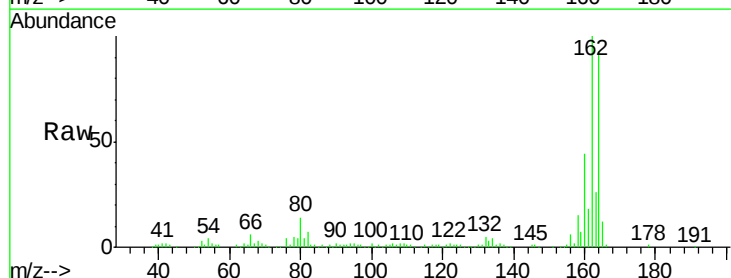
Tgt Ion: 164 Resp: 93442

Ion Ratio Lower Upper

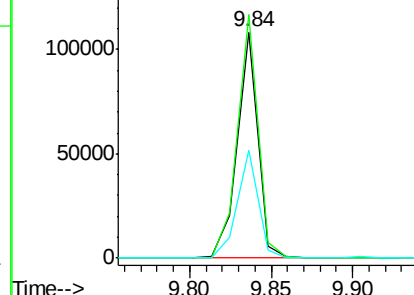
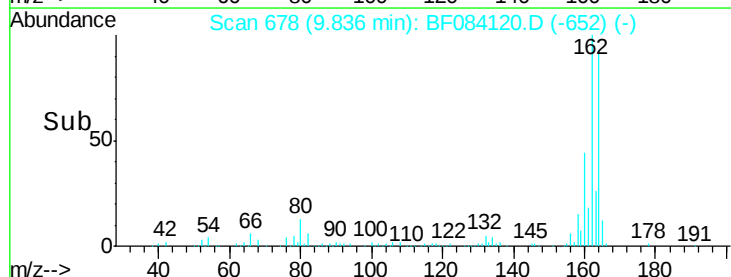
164 100

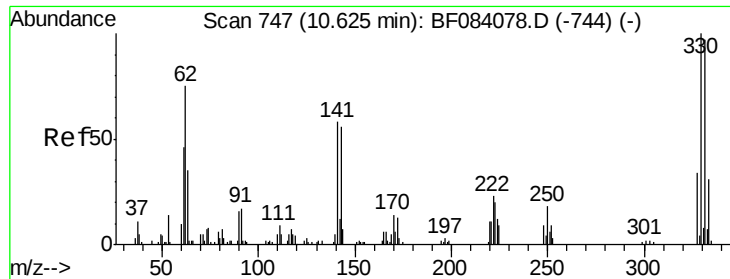
162 107.6 85.1 127.7

160 47.5 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

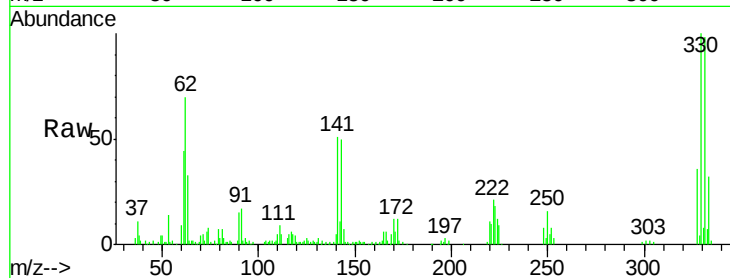




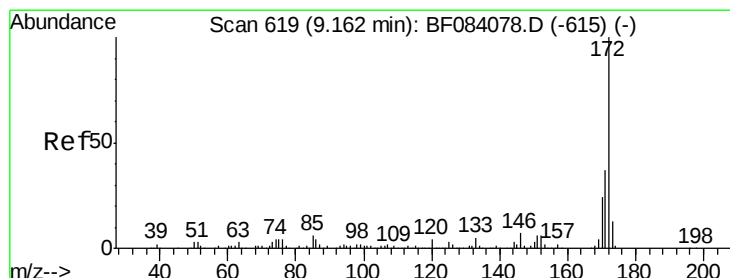
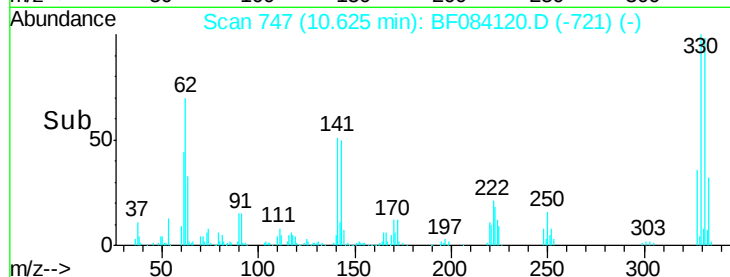
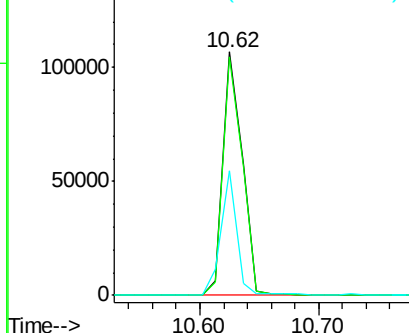
#41
 2,4,6-Tribromophenol
 Concen: 119.85 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

Tgt Ion:330 Resp: 119428
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 43.5 27.8 41.6#

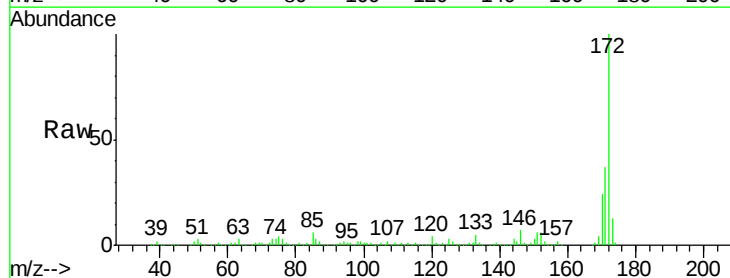


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

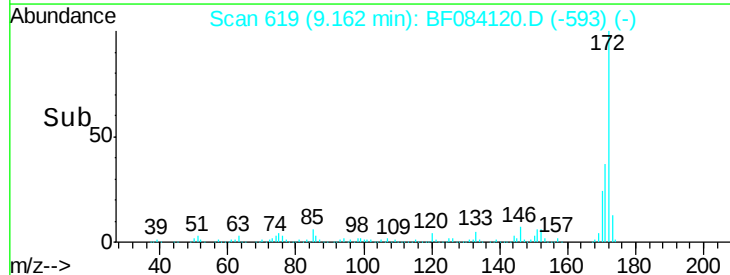
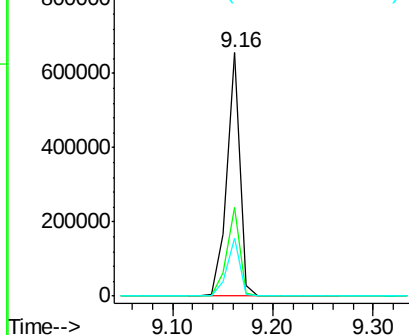


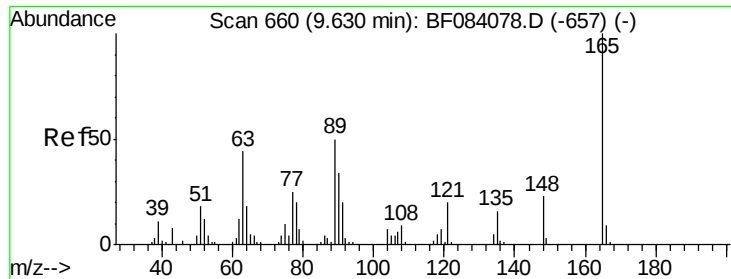
#44
 2-Fluorobiphenyl
 Concen: 86.32 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion:172 Resp: 589476
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.8 18.6 27.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

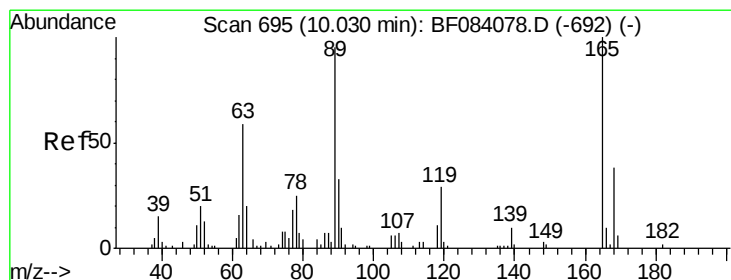
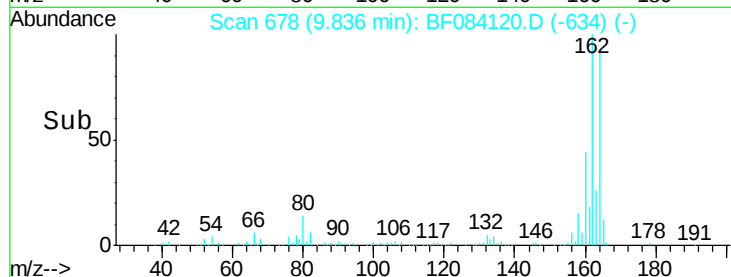
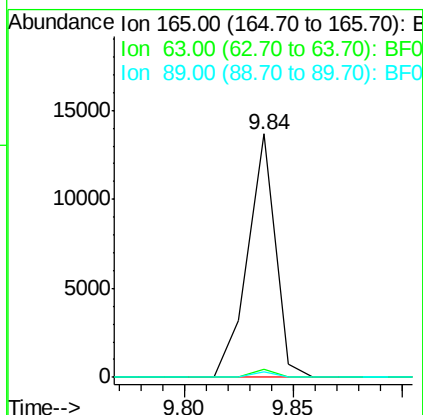
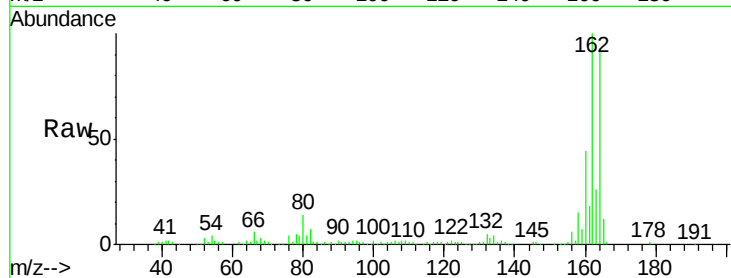




#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

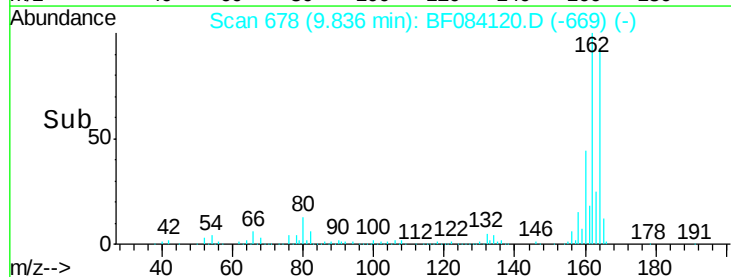
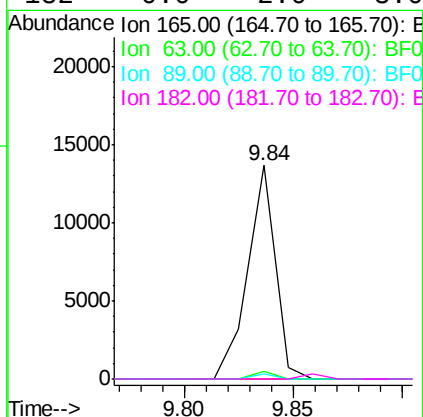
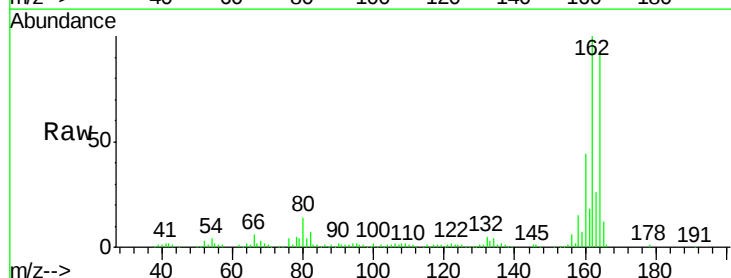
Instrument :
 BNA_F
 ClientSampleId :
 LIP-22-122315

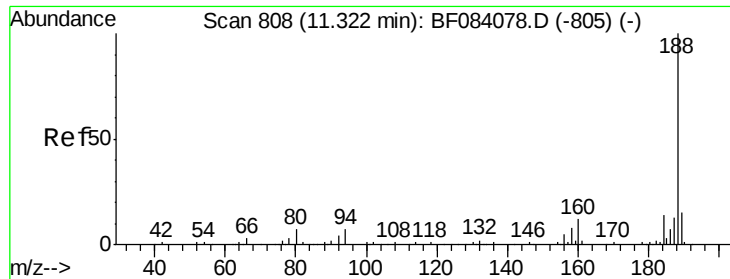
Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	28.8	43.2#
89	2.3	35.1	52.7#



#56
 2,4-Dinitrotoluene
 Concen: 5.59 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084120.D
 Acq: 25 Dec 2015 10:43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.4	36.7	55.1#
89	2.3	61.9	92.9#
182	0.0	2.0	3.0#

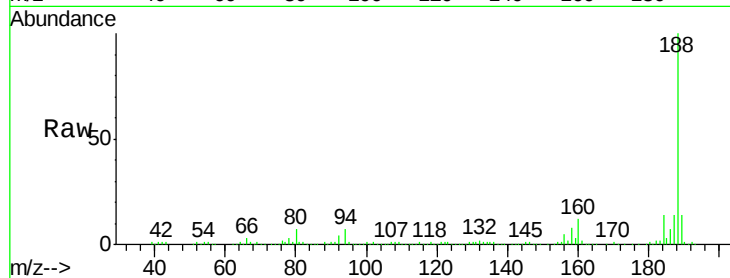




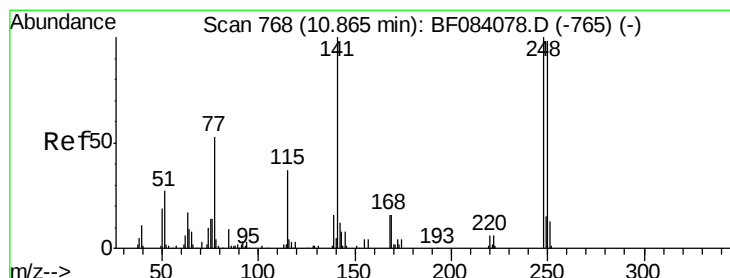
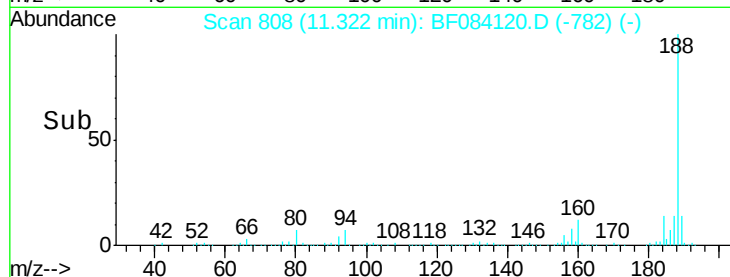
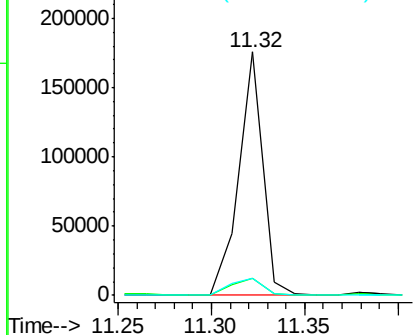
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Instrument :
BNA_F
ClientSampleId :
LIP-22-122315

Tgt Ion:188 Resp: 158835
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.4#
80 7.0 9.6 14.4#

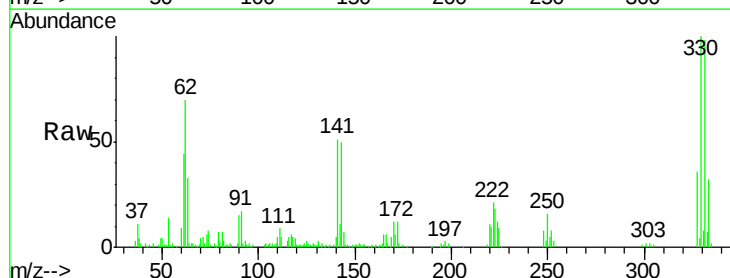


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

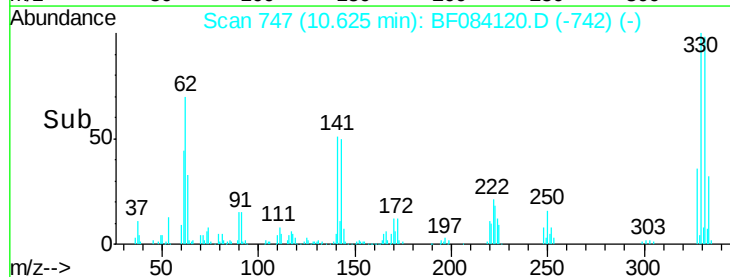
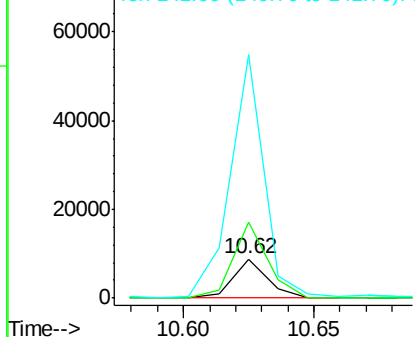


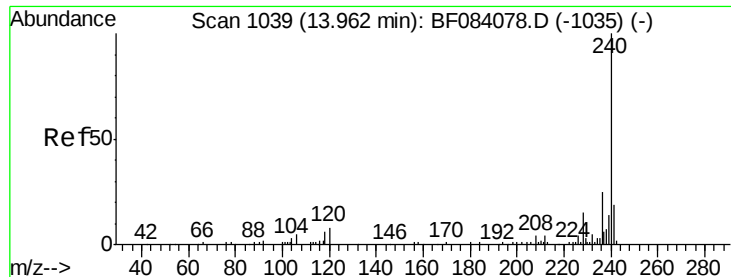
#66
4-Bromophenyl-phenylether
Concen: 4.41 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF084120.D
Acq: 25 Dec 2015 10:43

Tgt Ion:248 Resp: 8123
Ion Ratio Lower Upper
248 100
250 192.7 78.4 117.6#
141 622.8 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: 13.96 min Scan# 1039

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

Instrument :

BNA_F

ClientSampleId :

LIP-22-122315

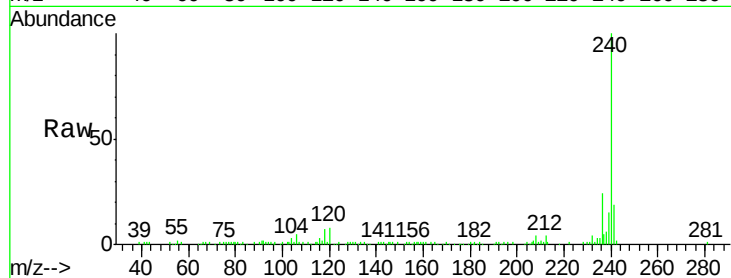
Tgt Ion:240 Resp: 114892

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

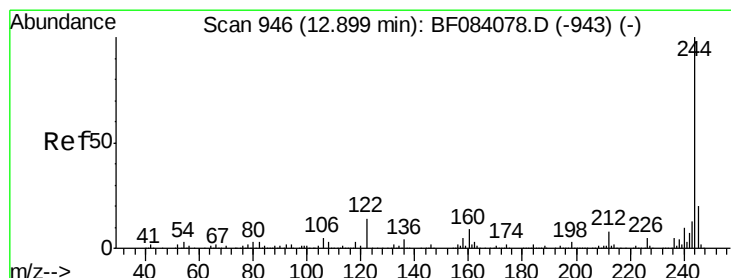
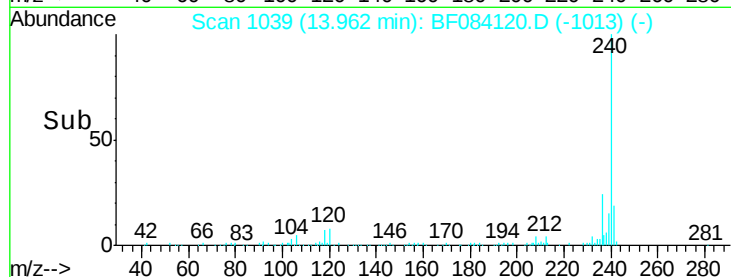
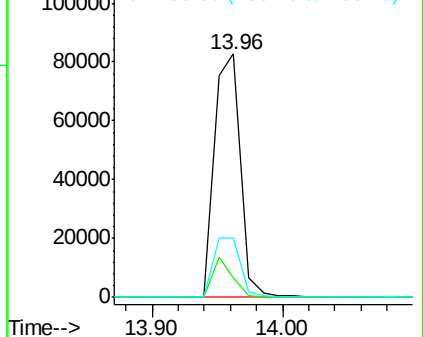
236 24.2 20.6 31.0



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: 70.40 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084120.D

Acq: 25 Dec 2015 10:43

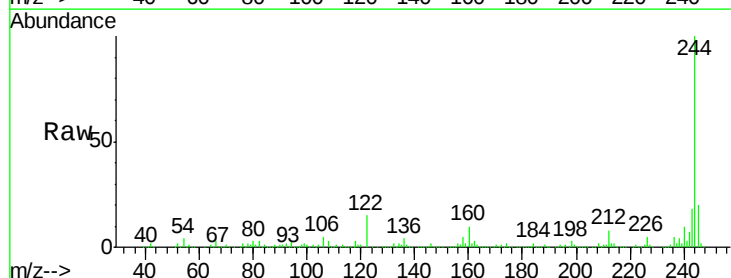
Tgt Ion:244 Resp: 446996

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

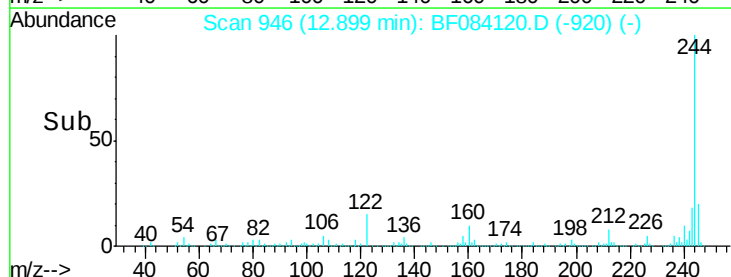
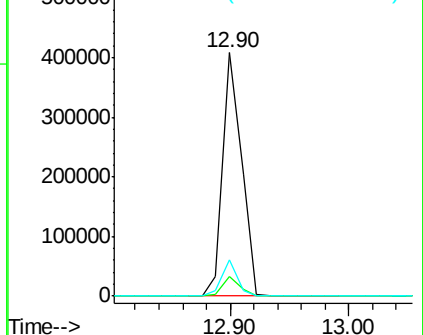
122 14.7 7.4 11.0#

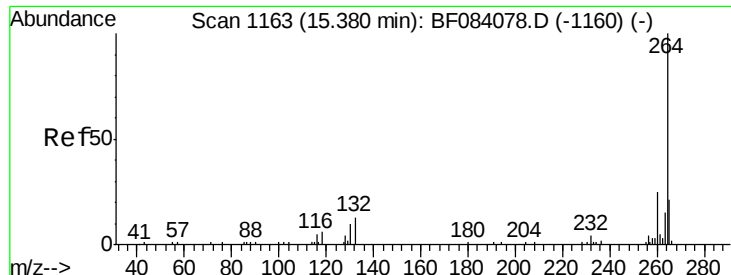


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084120.D
Acq: 25 Dec 2015 10:43

Instrument :
BNA_F
ClientSampleId :
LIP-22-122315

Tgt Ion: 264 Resp: 93151

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	22.0	17.8	26.6

