

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084112.D
 Acq On : 25 Dec 2015 6:56
 Operator : UM/SJ
 Sample : G4951-04
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Quant Time: Dec 25 07:27:54 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

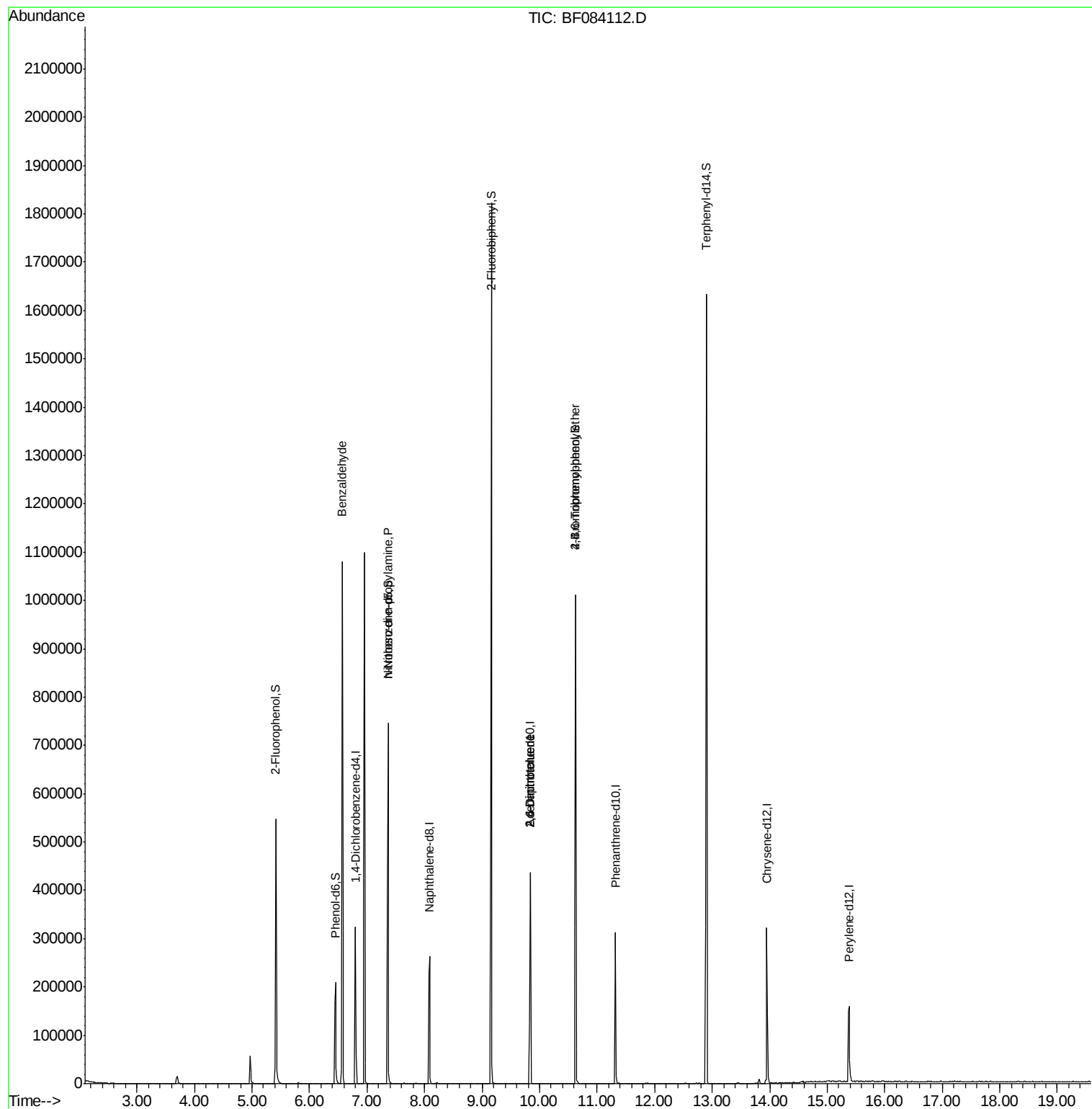
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49139	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	181675	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89232	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159736	20.00	ng	0.00
75) Chrysene-d12	13.95	240	124993	20.00	ng	-0.01
86) Perylene-d12	15.38	264	97201	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	161847	55.84	ng	0.00
7) Phenol-d6	6.45	99	112906	31.48	ng	0.00
23) Nitrobenzene-d5	7.37	82	297240	95.77	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	121459	127.64	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	582344	89.30	ng	0.00
78) Terphenyl-d14	12.90	244	475878	68.89	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	6261	3.26	ng	91
19) n-Nitroso-di-n-propylamine	7.37	70	39815	18.02	ng	# 74
50) 2,6-Dinitrotoluene	9.84	165	11184	7.13	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11184	5.40	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9007	4.87	ng	# 1
74) Fluoranthene	12.53	202	1398	Below Cal		63

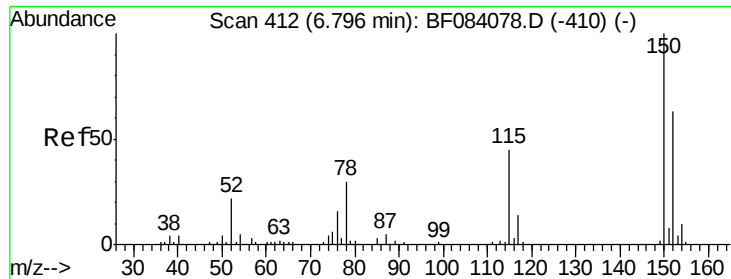
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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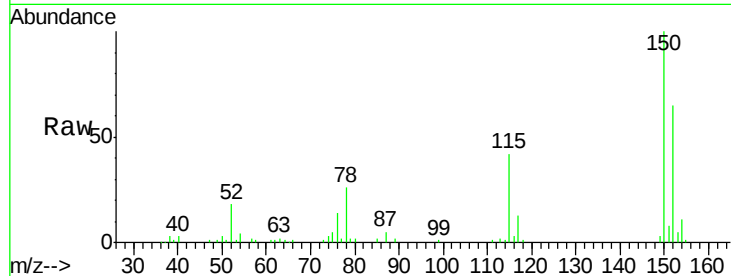




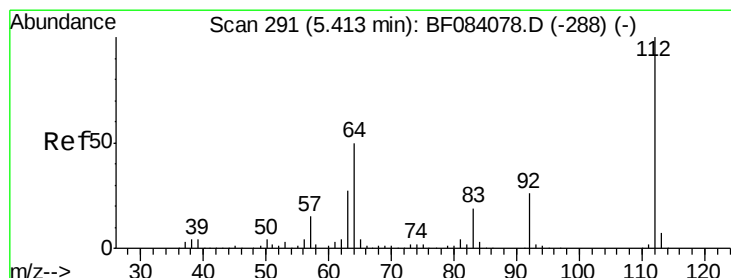
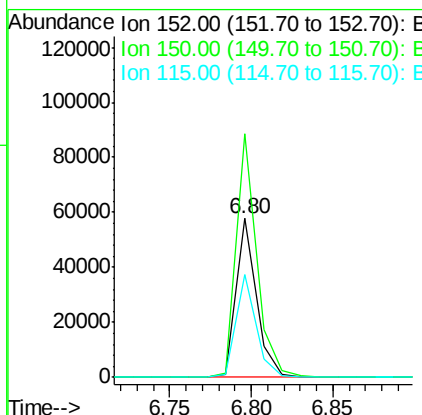
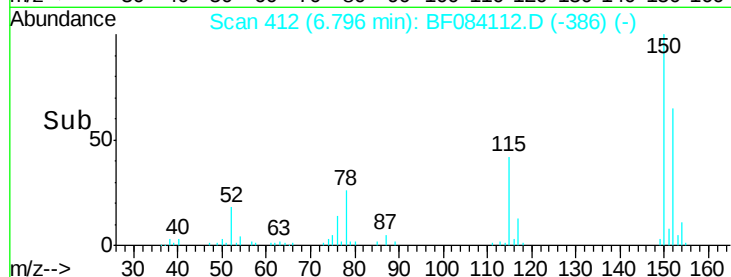
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Tgt Ion:152 Resp: 49139
 Ion Ratio Lower Upper
 152 100
 150 153.4 123.0 184.4
 115 64.9 51.4 77.2

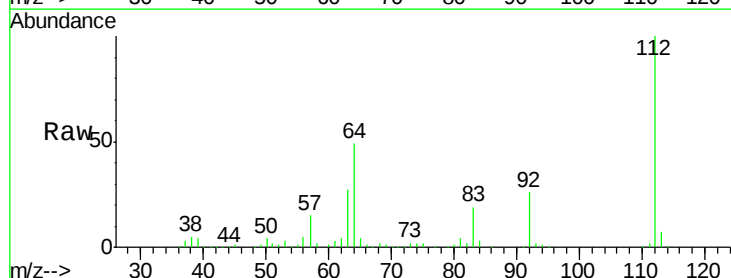


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

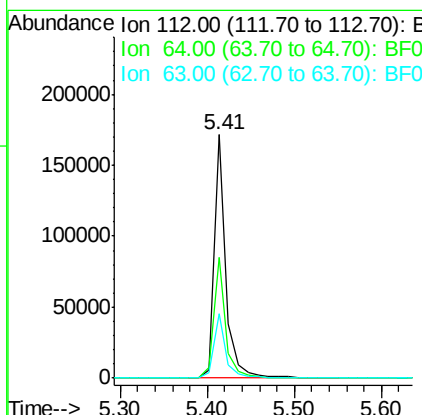
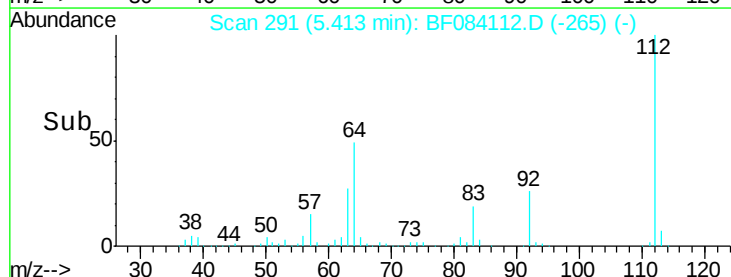


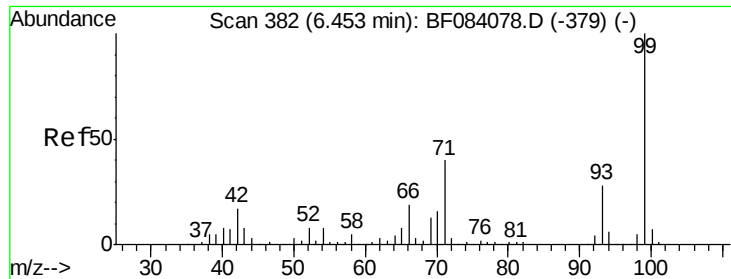
#5
 2-Fluorophenol
 Concen: 55.84 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion:112 Resp: 161847
 Ion Ratio Lower Upper
 112 100
 64 49.5 36.6 55.0
 63 26.6 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: 31.48 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084112.D

Acq: 25 Dec 2015 6:56

Instrument :

BNA_F

ClientSampleId :

LIP-16-122215

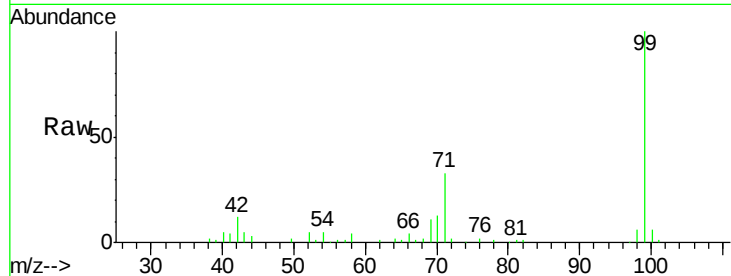
Tgt Ion: 99 Resp: 112906

Ion Ratio Lower Upper

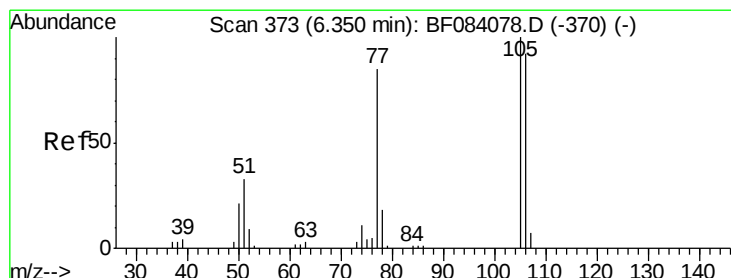
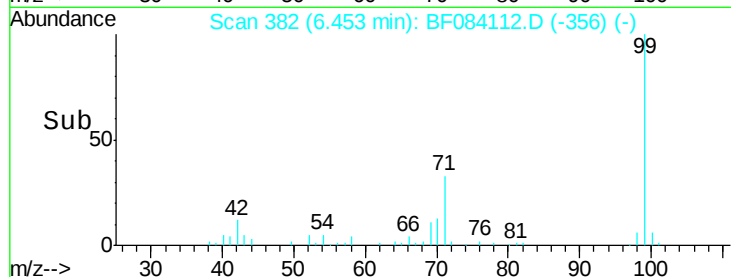
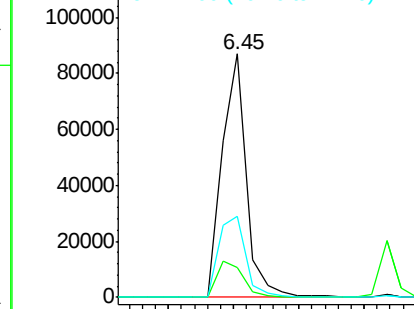
99 100

42 12.1 12.8 19.2#

71 33.2 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: 3.26 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084112.D

Acq: 25 Dec 2015 6:56

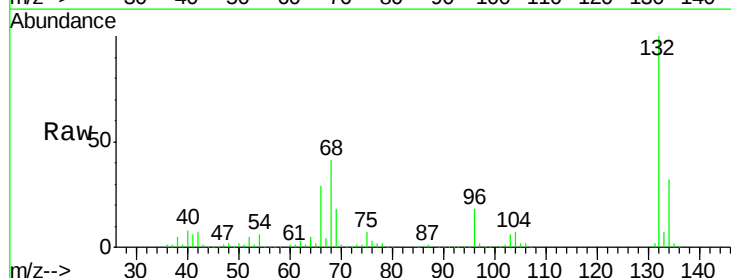
Tgt Ion: 77 Resp: 6261

Ion Ratio Lower Upper

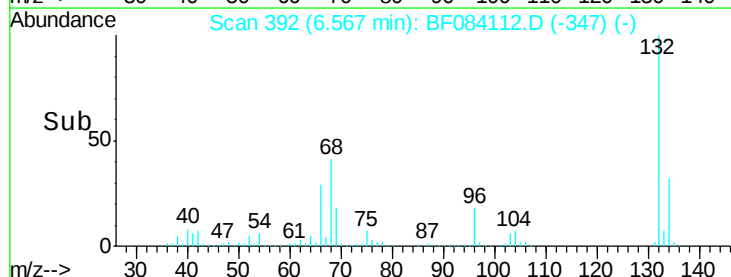
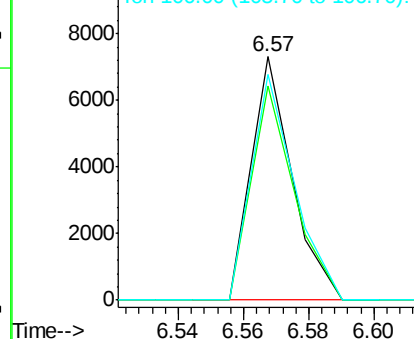
77 100

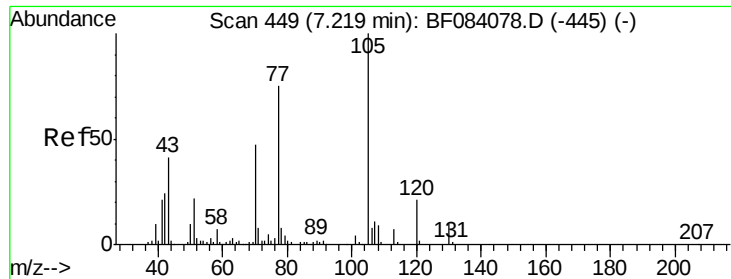
105 87.9 83.0 123.0

106 92.5 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

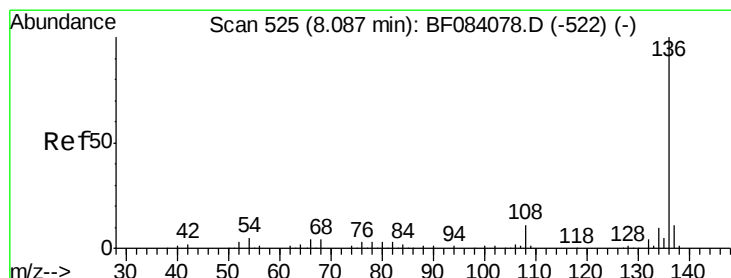
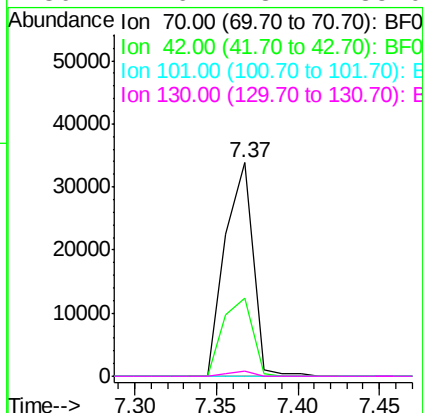
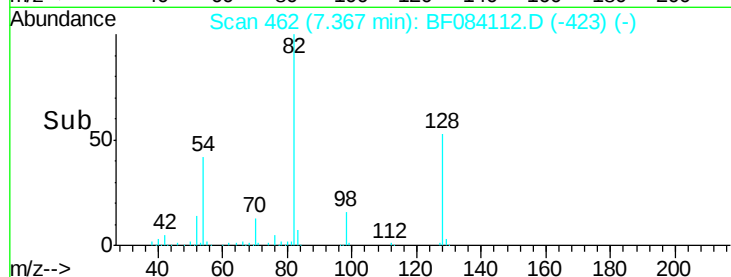
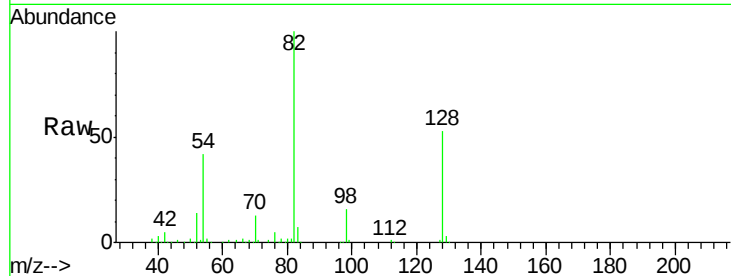




#19
n-Nitroso-di-n-propylamine
Concen: 18.02 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

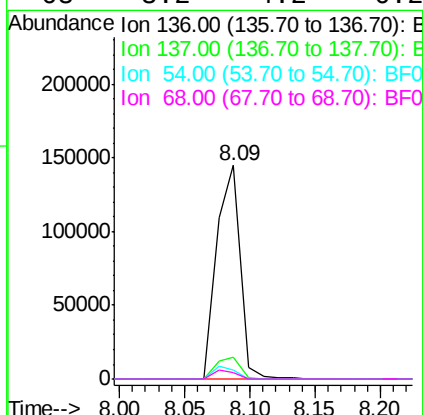
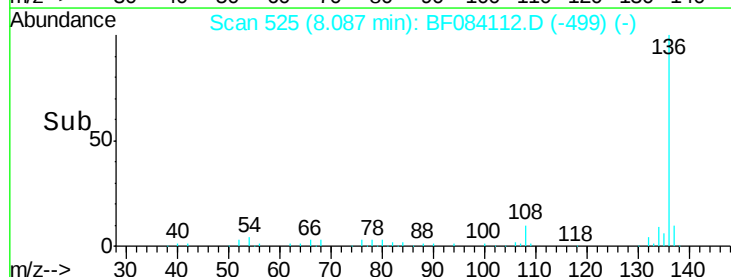
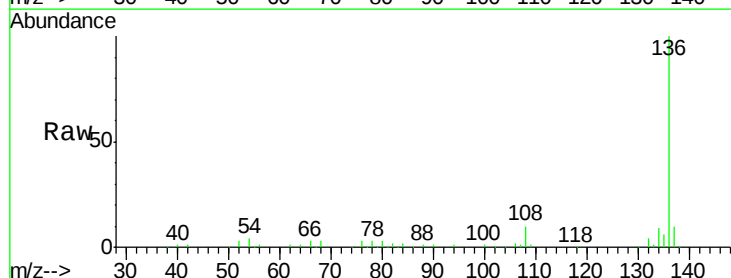
Instrument :
BNA_F
ClientSampleId :
LIP-16-122215

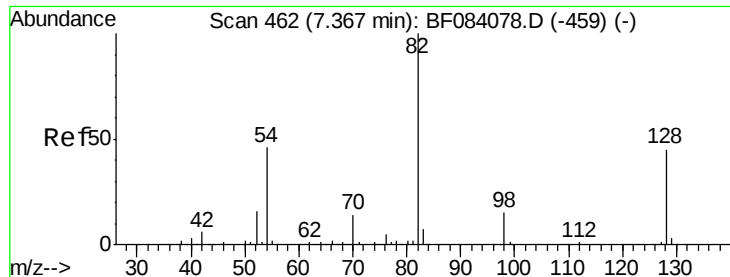
Tgt Ion: 70 Resp: 39815
Ion Ratio Lower Upper
70 100
42 36.8 33.3 49.9
101 0.0 9.3 13.9#
130 2.6 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Tgt Ion: 136 Resp: 181675
Ion Ratio Lower Upper
136 100
137 10.3 8.7 13.1
54 4.0 5.8 8.8#
68 3.2 4.2 6.2#

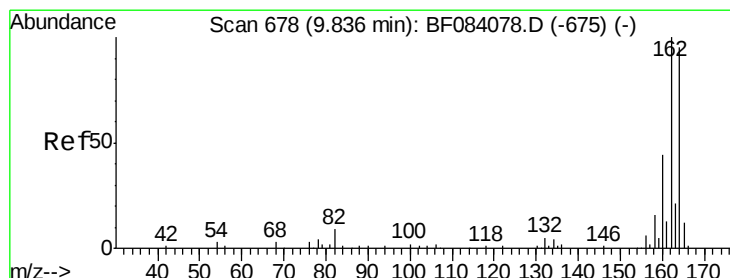
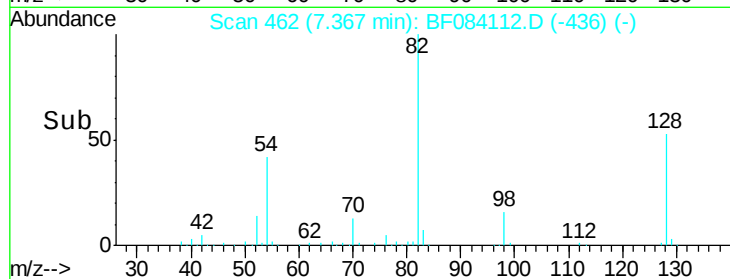
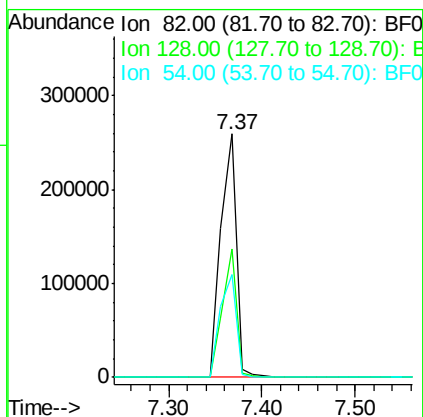
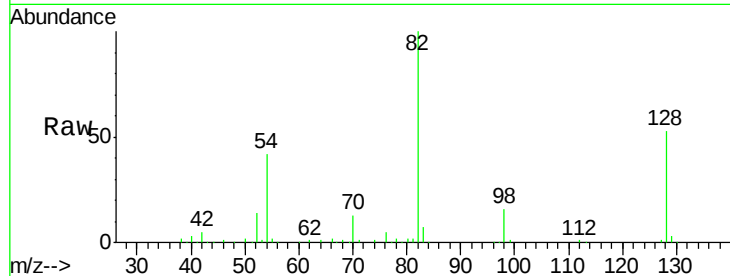




#23
 Nitrobenzene-d5
 Concen: 95.77 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

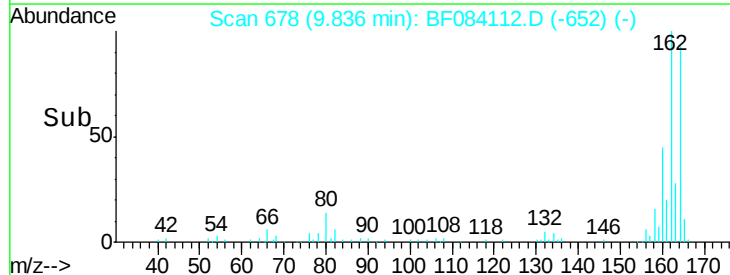
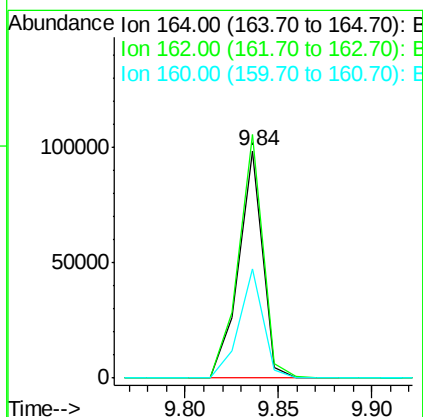
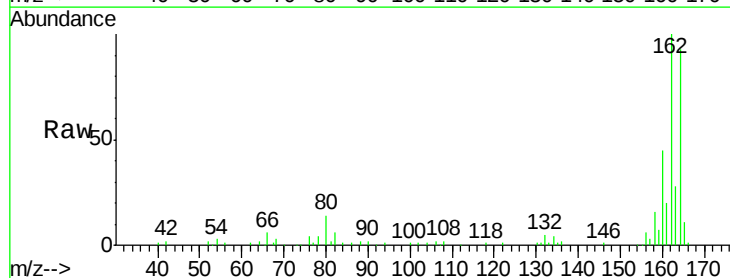
Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

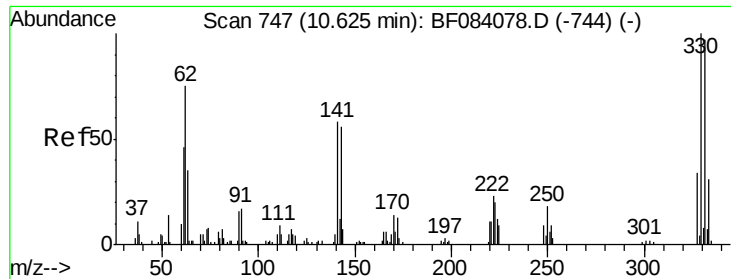
Tgt Ion: 82 Resp: 297240
 Ion Ratio Lower Upper
 82 100
 128 52.6 34.6 51.8#
 54 42.0 38.4 57.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion: 164 Resp: 89232
 Ion Ratio Lower Upper
 164 100
 162 107.1 85.1 127.7
 160 47.8 37.5 56.3

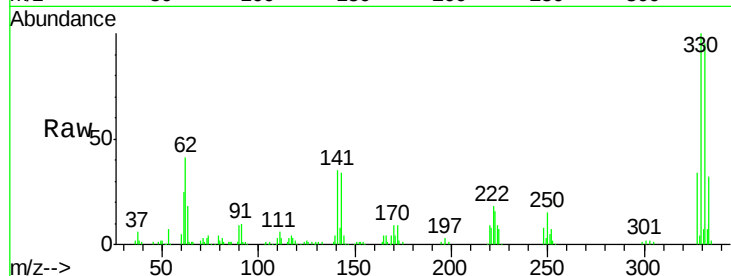




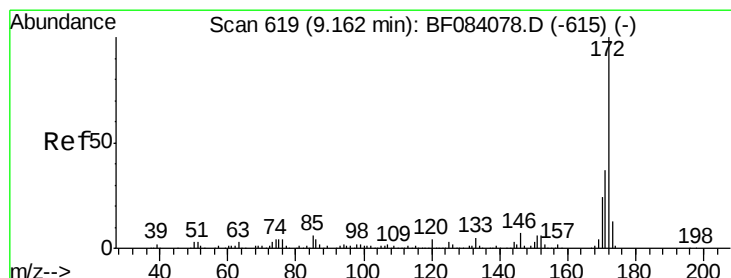
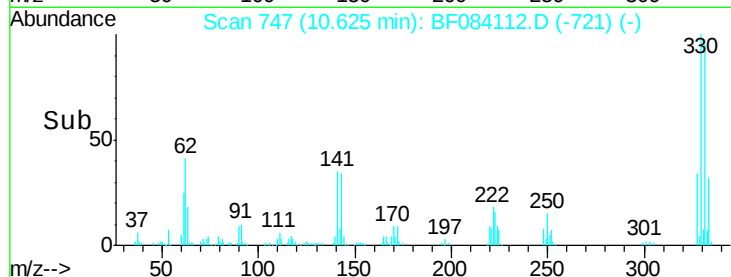
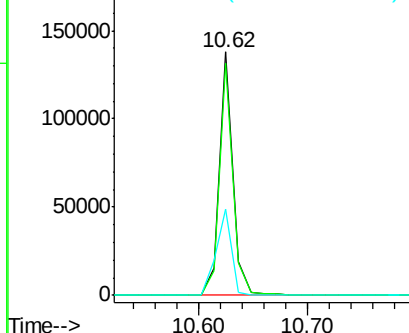
#41
 2,4,6-Tribromophenol
 Concen: 127.64 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Tgt Ion:330 Resp: 121459
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 114.8
 141 40.2 27.8 41.6

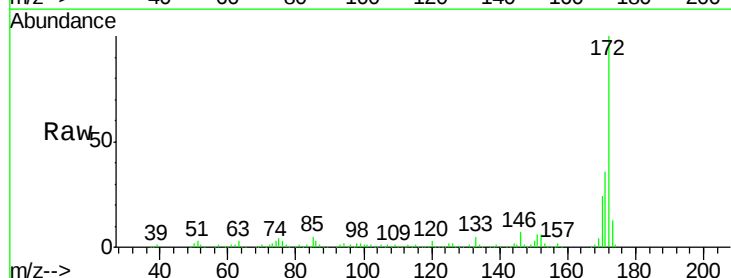


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

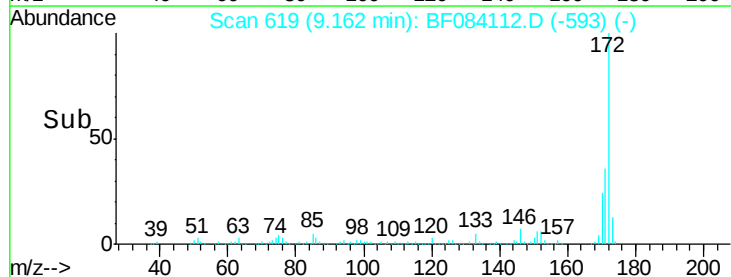
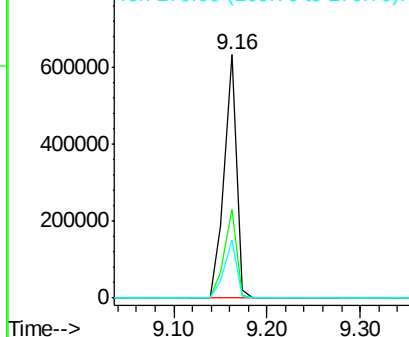


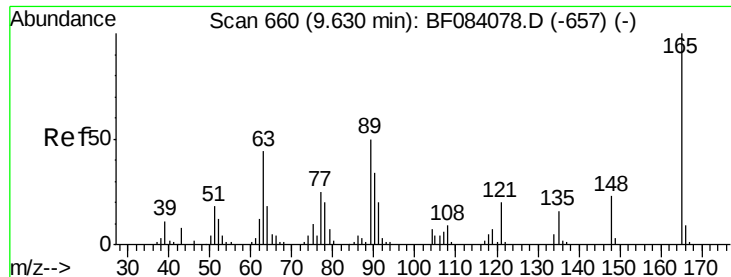
#44
 2-Fluorobiphenyl
 Concen: 89.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion:172 Resp: 582344
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 23.6 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

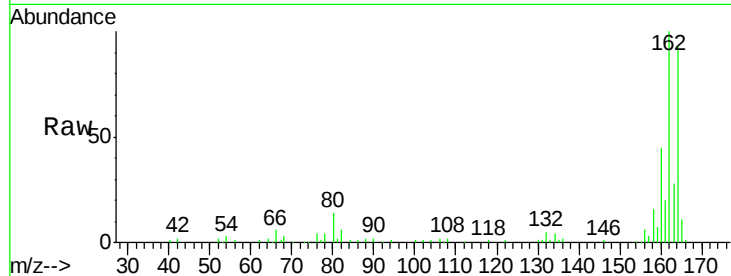




#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

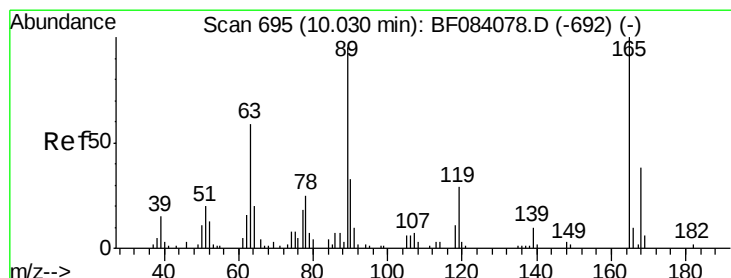
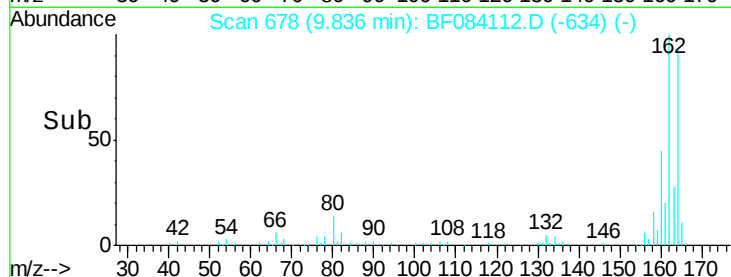
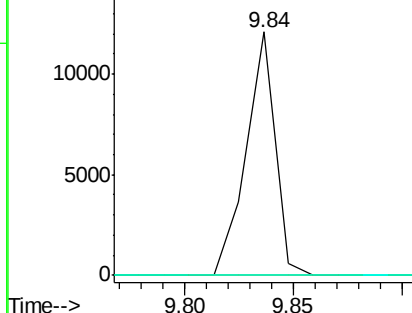
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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: 5.40 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

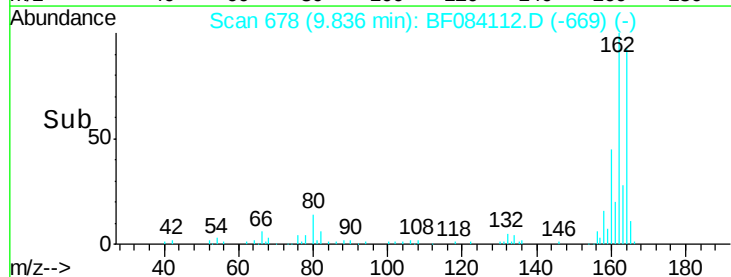
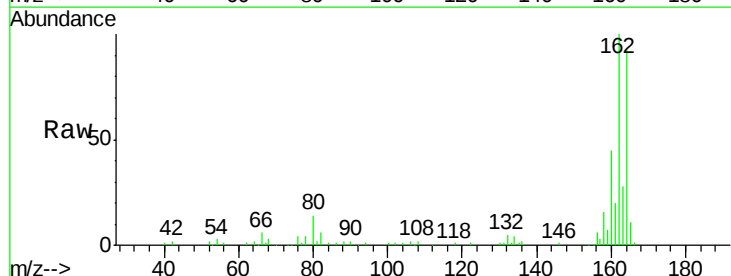
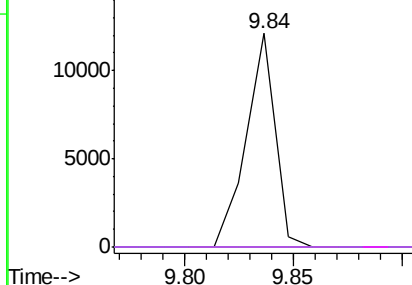
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

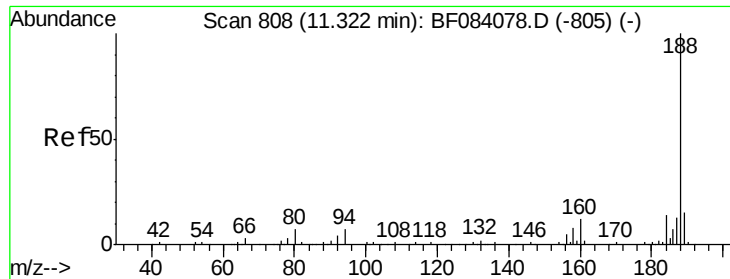
Abundance Ion 165.00 (164.70 to 165.70): E

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

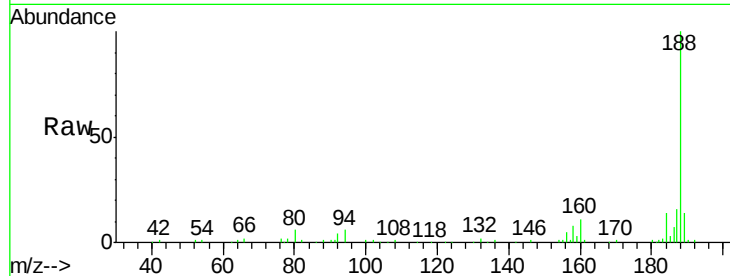




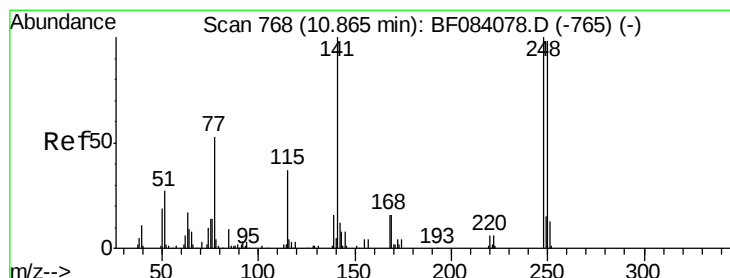
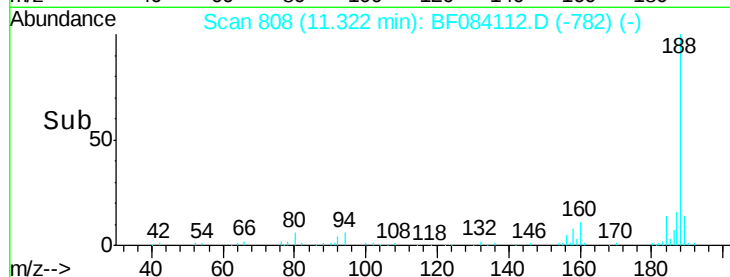
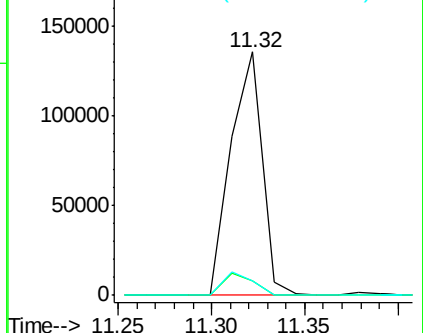
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Instrument :
 BNA_F
 ClientSampleId :
 LIP-16-122215

Tgt Ion:188 Resp: 159736
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.4#
 80 6.1 9.6 14.4#

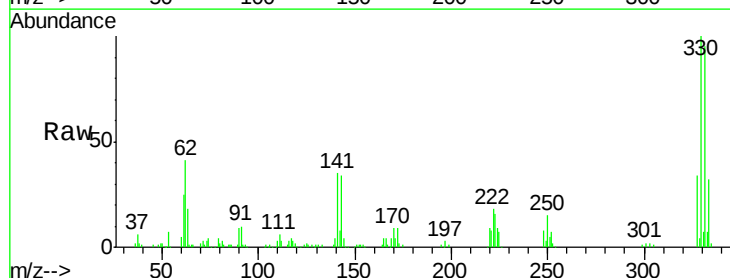


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

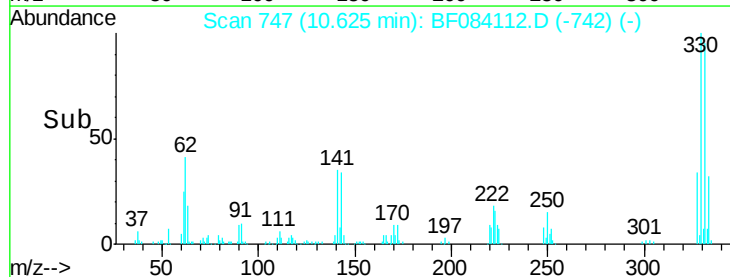
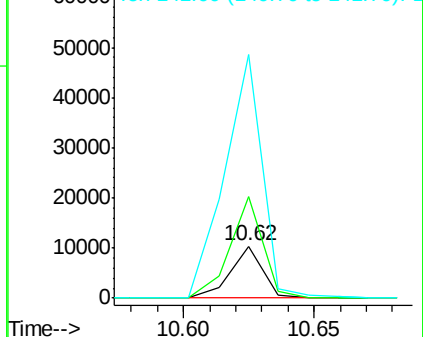


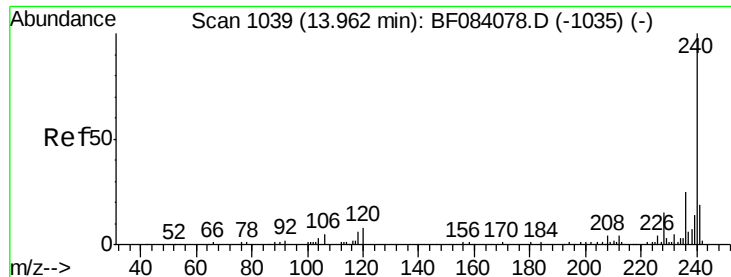
#66
 4-Bromophenyl-phenylether
 Concen: 4.87 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084112.D
 Acq: 25 Dec 2015 6:56

Tgt Ion:248 Resp: 9007
 Ion Ratio Lower Upper
 248 100
 250 194.5 78.4 117.6#
 141 466.9 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: BF084112.D

Acq: 25 Dec 2015 6:56

Instrument :

BNA_F

ClientSampleId :

LIP-16-122215

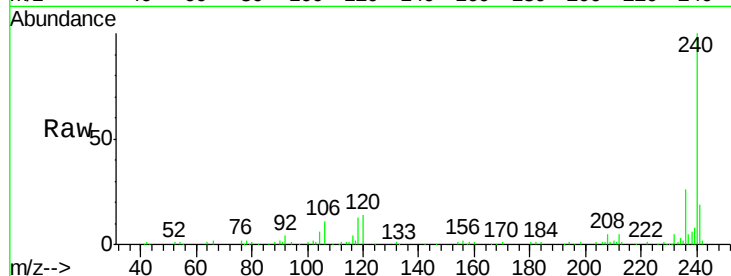
Tgt Ion:240 Resp: 124993

Ion Ratio Lower Upper

240 100

120 14.5 9.5 14.3#

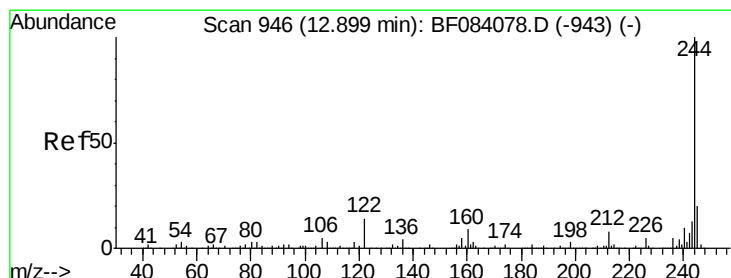
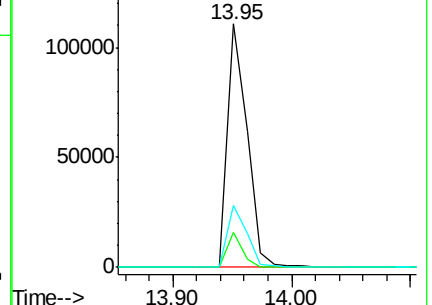
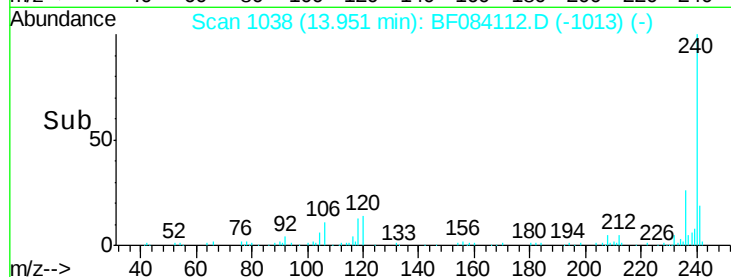
236 25.5 20.6 31.0



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: 68.89 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084112.D

Acq: 25 Dec 2015 6:56

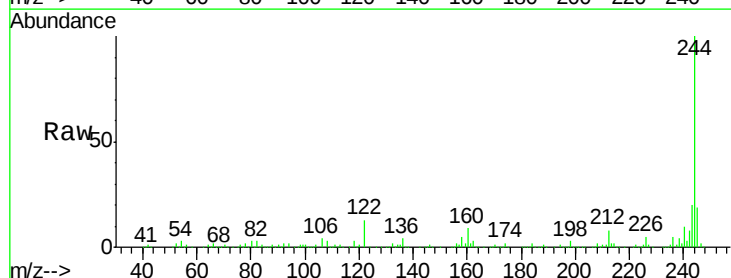
Tgt Ion:244 Resp: 475878

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

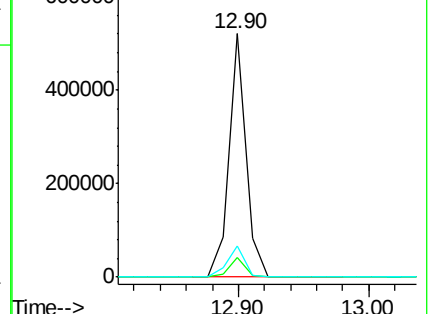
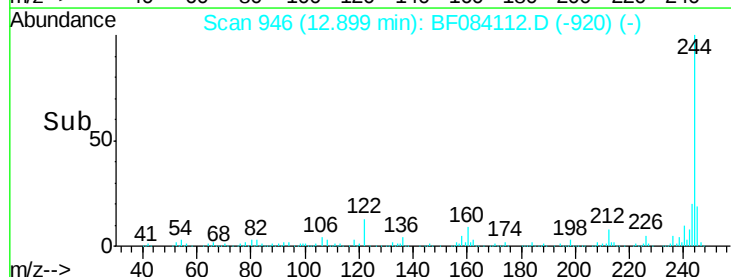
122 13.0 7.4 11.0#

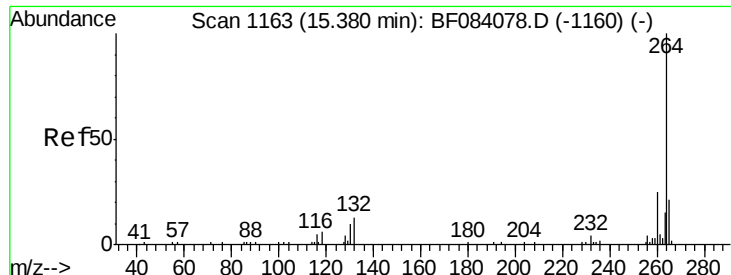


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



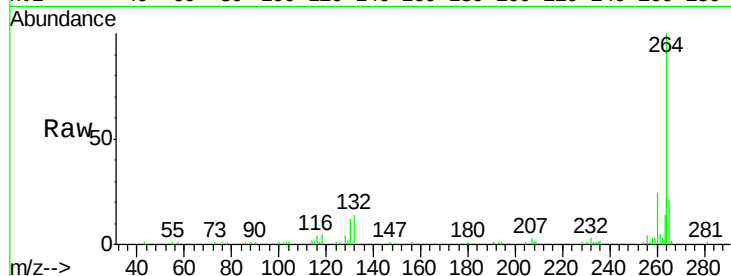


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084112.D
Acq: 25 Dec 2015 6:56

Instrument :
BNA_F
ClientSampleId :
LIP-16-122215

Tgt Ion: 264 Resp: 97201

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.0	17.8	26.6



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

