

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084110.D
 Acq On : 25 Dec 2015 5:59
 Operator : UM/SJ
 Sample : G4951-02
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-122215

Quant Time: Dec 25 06:23:01 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

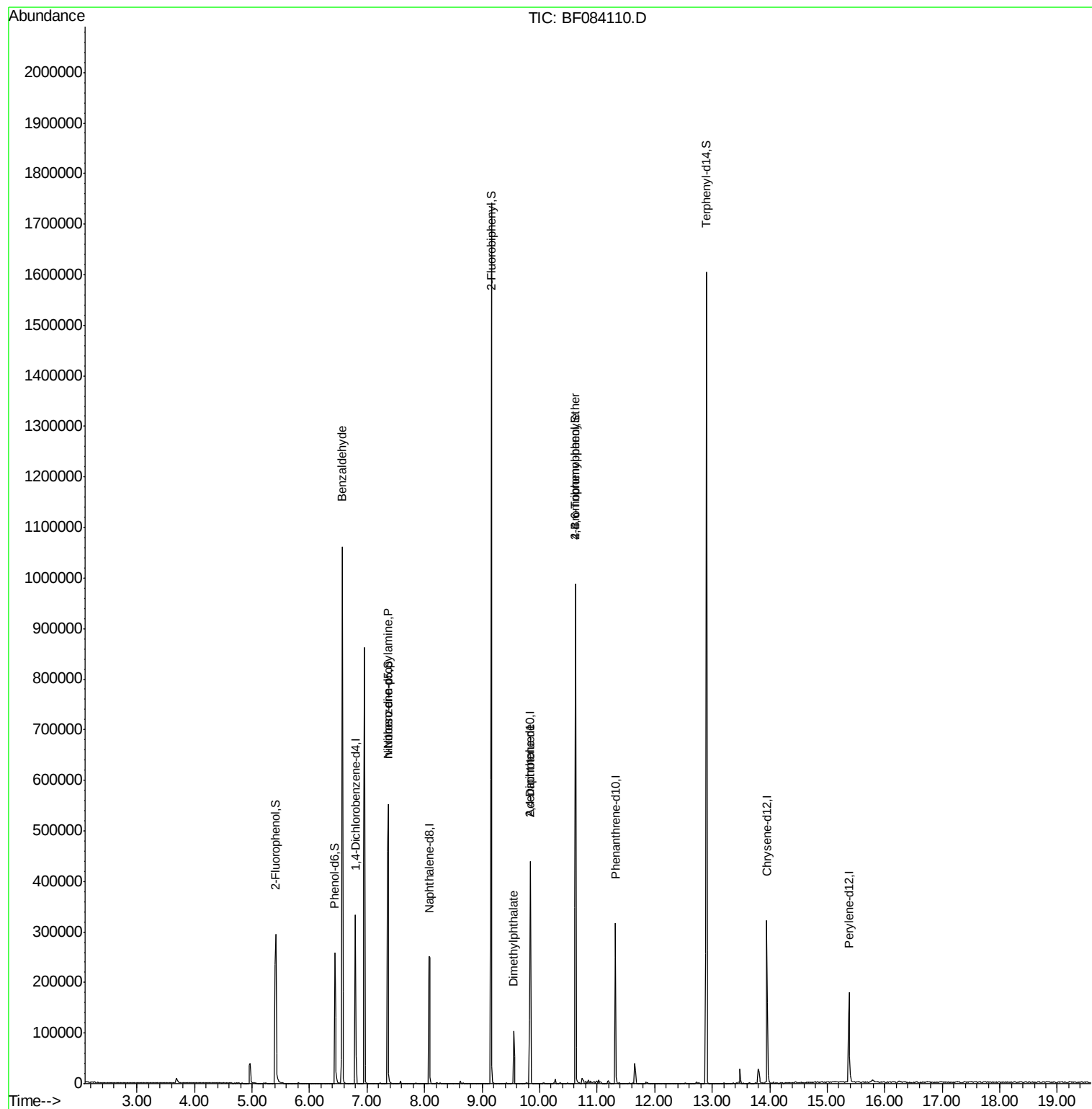
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49569	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	181470	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	88607	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	161048	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125880	20.00	ng	-0.01
86) Perylene-d12	15.38	264	97037	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	130981	44.80	ng	0.00
7) Phenol-d6	6.44	99	108162	29.90	ng	-0.01
23) Nitrobenzene-d5	7.37	82	250498	80.80	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	117522	124.37	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	557004	86.01	ng	0.00
78) Terphenyl-d14	12.90	244	467311	67.17	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	5882	3.04	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.37	70	33884	15.21	ng	# 72
49) Dimethylphthalate	9.55	163	49528	6.75	ng	# 89
56) 2,4-Dinitrotoluene	9.84	165	11580	5.63	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8857	4.75	ng	# 1
74) Fluoranthene	12.53	202	1618	Below Cal		63

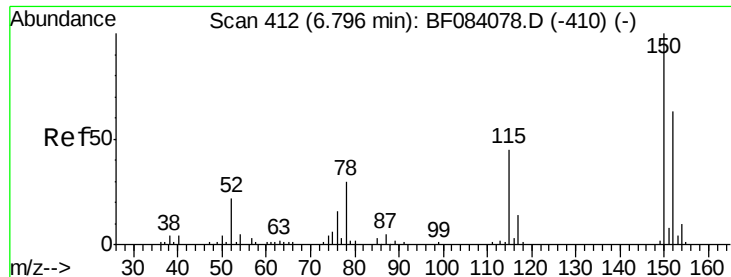
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084110.D
Acq On : 25 Dec 2015 5:59
Operator : UM/SJ
Sample : G4951-02
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-3-122215

Quant Time: Dec 25 06:23:01 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

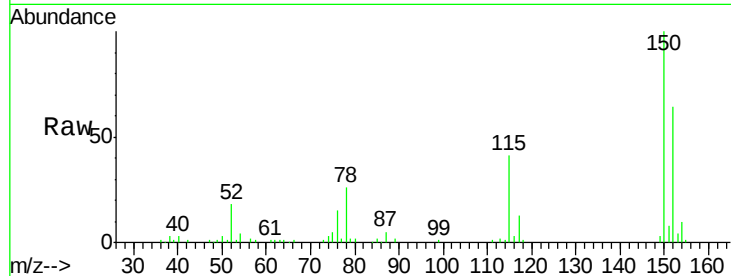




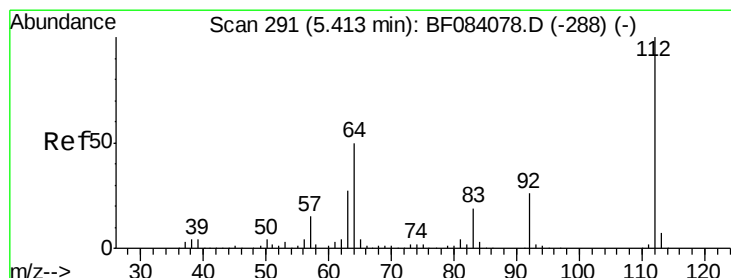
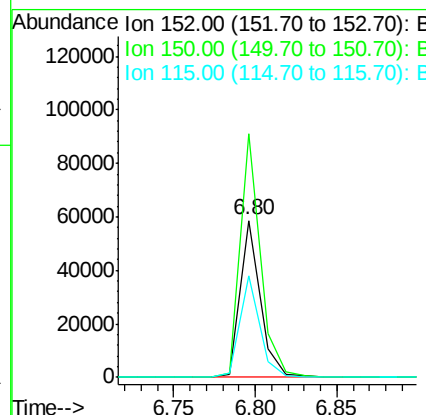
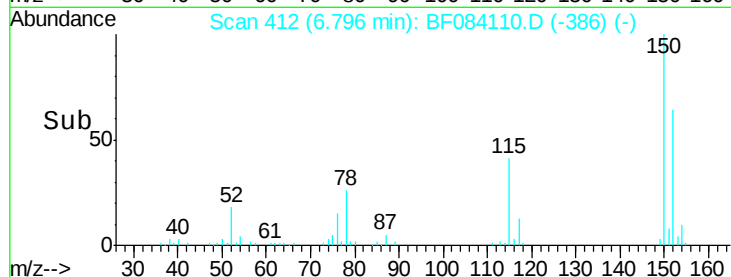
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-122215

Tgt Ion:152 Resp: 49569
 Ion Ratio Lower Upper
 152 100
 150 155.5 123.0 184.4
 115 64.5 51.4 77.2

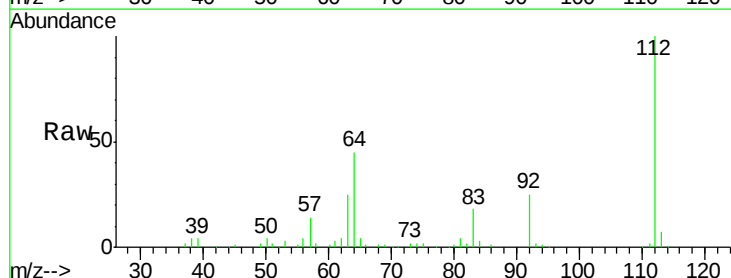


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

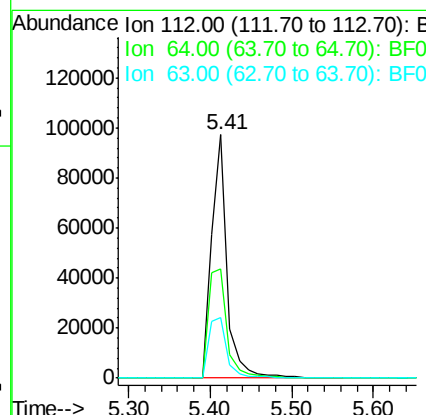
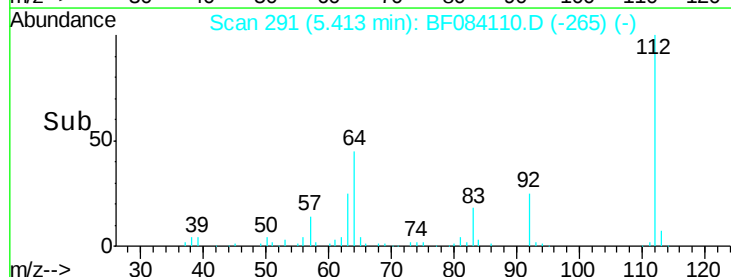


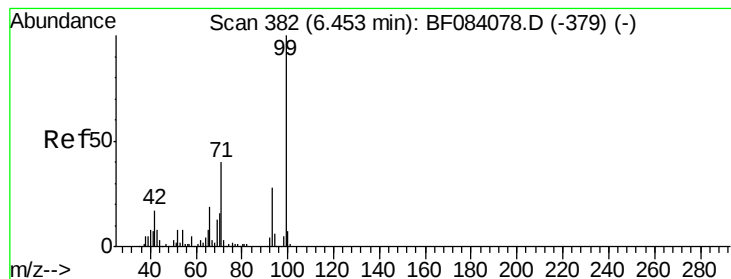
#5
 2-Fluorophenol
 Concen: 44.80 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Tgt Ion:112 Resp: 130981
 Ion Ratio Lower Upper
 112 100
 64 45.0 36.6 55.0
 63 25.0 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: 29.90 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084110.D

Acq: 25 Dec 2015 5:59

Instrument :

BNA_F

ClientSampleId :

PZ-3-122215

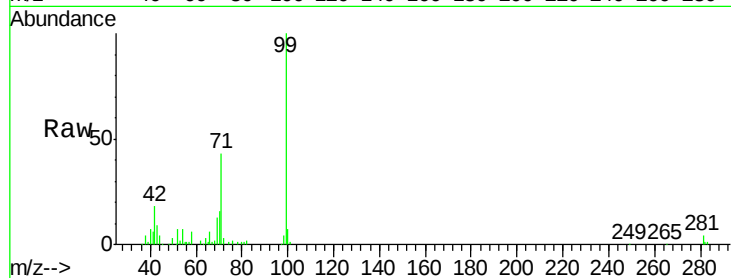
Tgt Ion: 99 Resp: 108162

Ion Ratio Lower Upper

99 100

42 18.5 12.8 19.2

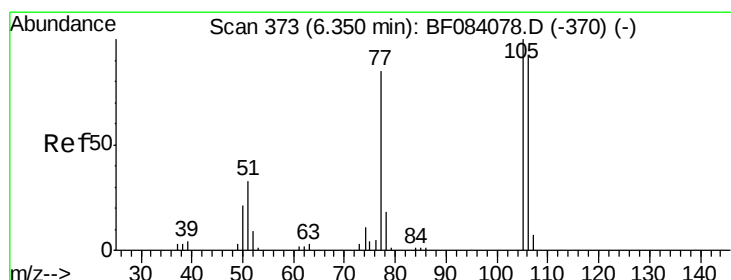
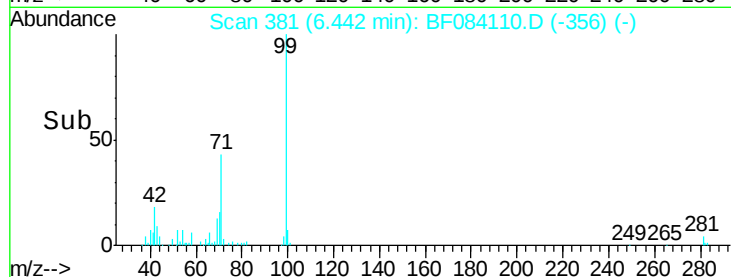
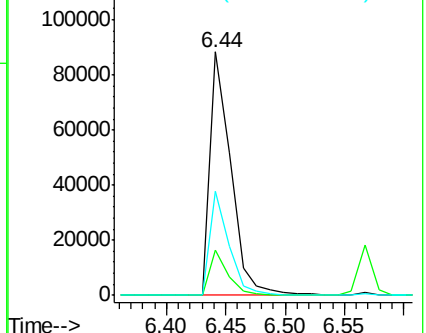
71 42.8 30.9 46.3



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: 3.04 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084110.D

Acq: 25 Dec 2015 5:59

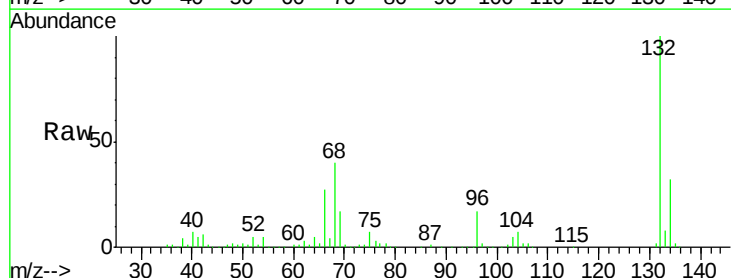
Tgt Ion: 77 Resp: 5882

Ion Ratio Lower Upper

77 100

105 86.5 83.0 123.0

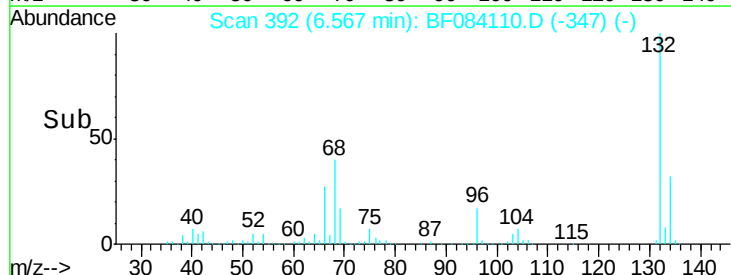
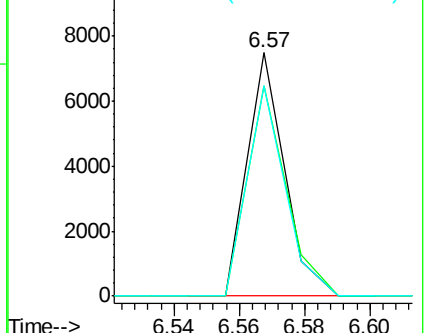
106 86.6 74.6 114.6

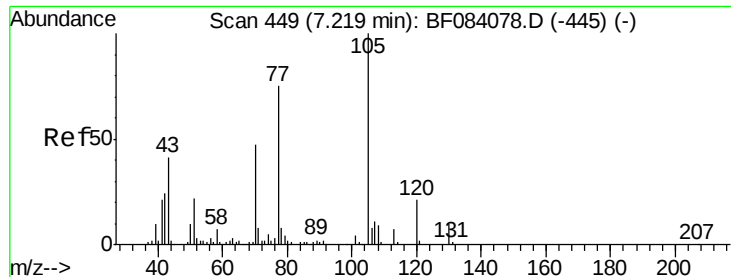


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

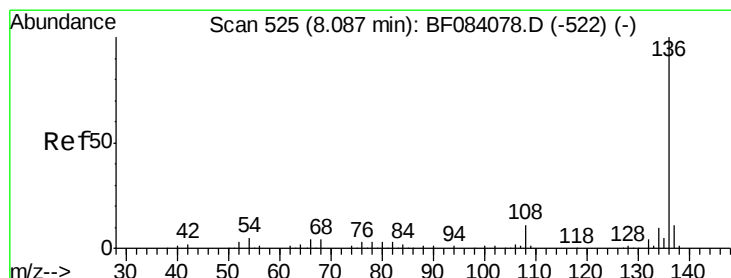
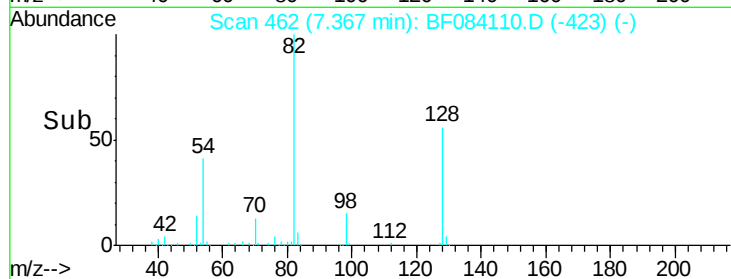
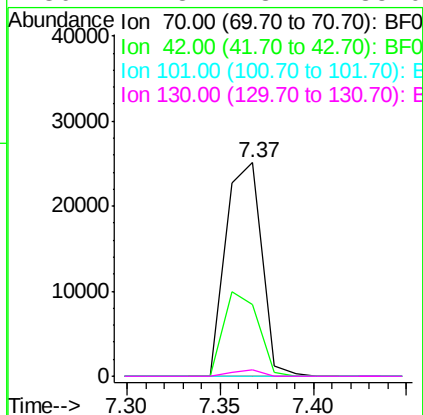
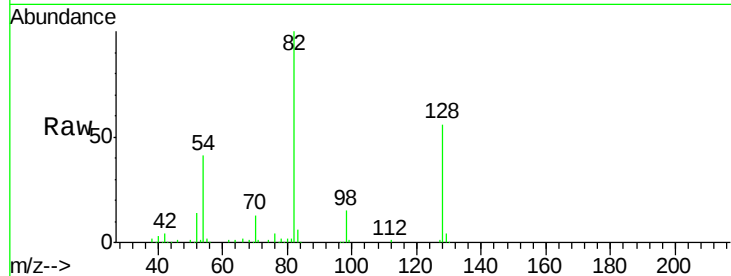




#19
n-Nitroso-di-n-propylamine
Concen: 15.21 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084110.D
Acq: 25 Dec 2015 5:59

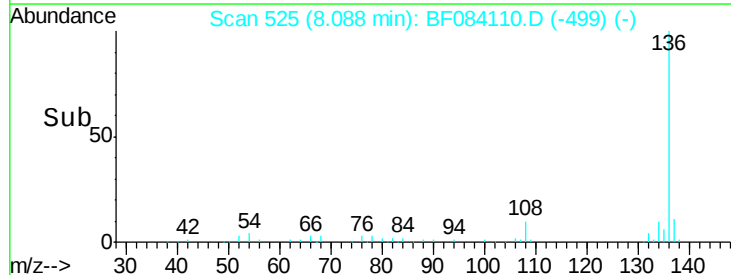
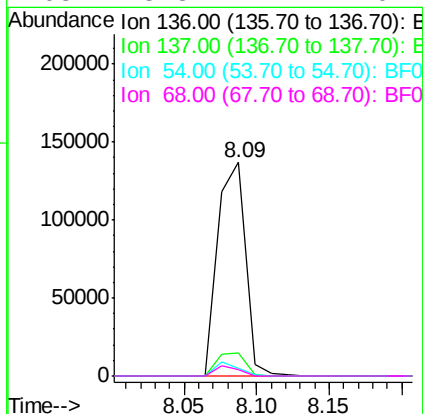
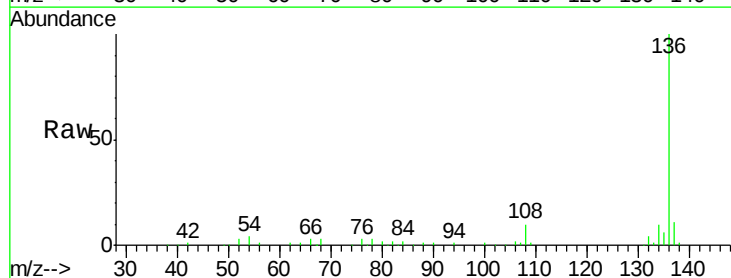
Instrument :
BNA_F
ClientSampleId :
PZ-3-122215

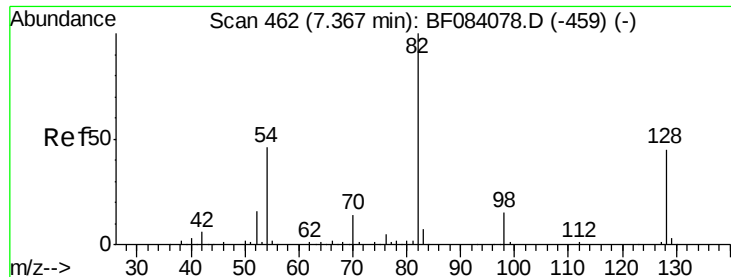
Tgt Ion: 70 Resp: 33884
Ion Ratio Lower Upper
70 100
42 33.9 33.3 49.9
101 0.0 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084110.D
Acq: 25 Dec 2015 5:59

Tgt Ion: 136 Resp: 181470
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 3.8 5.8 8.8#
68 3.3 4.2 6.2#

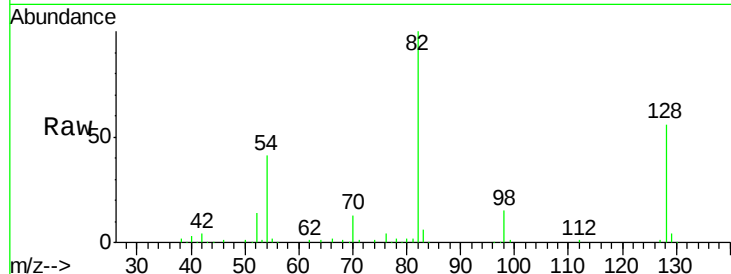




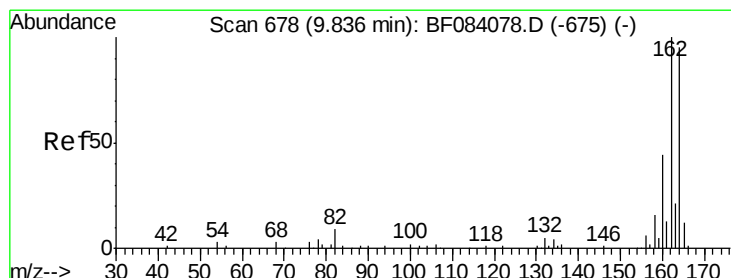
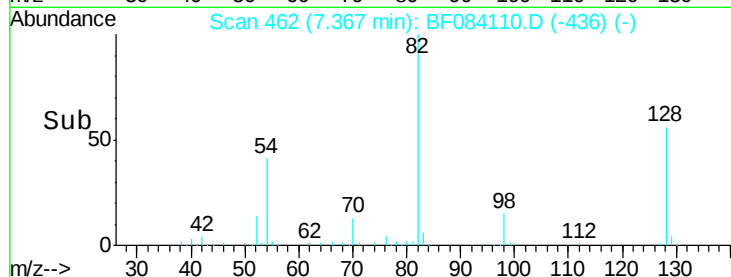
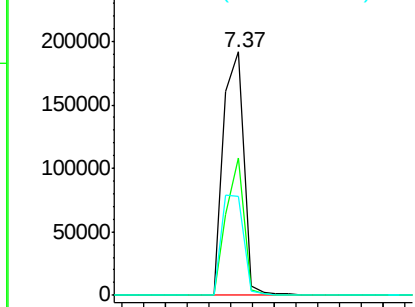
#23
 Nitrobenzene-d5
 Concen: 80.80 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-122215

Tgt Ion: 82 Resp: 250498
 Ion Ratio Lower Upper
 82 100
 128 56.4 34.6 51.8#
 54 40.7 38.4 57.6

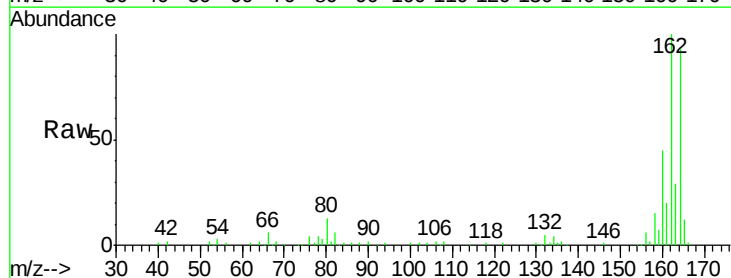


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

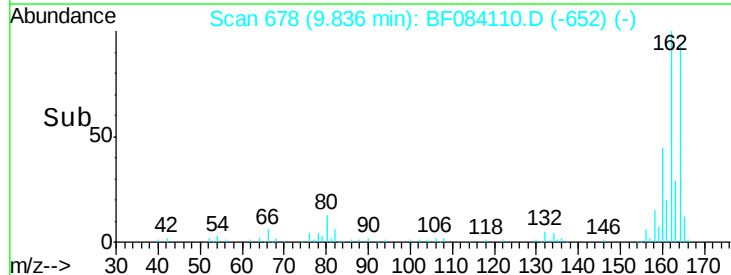
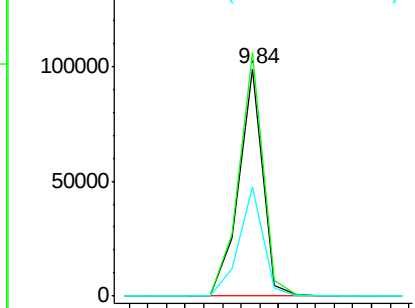


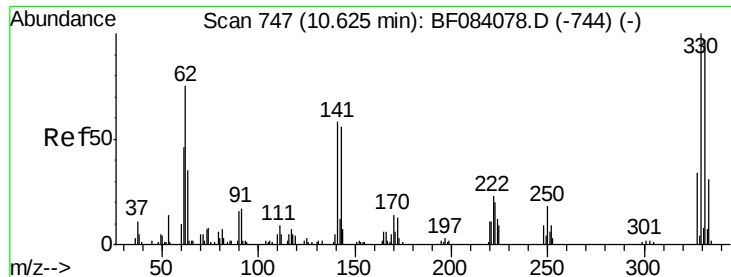
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Tgt Ion: 164 Resp: 88607
 Ion Ratio Lower Upper
 164 100
 162 107.2 85.1 127.7
 160 48.1 37.5 56.3



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

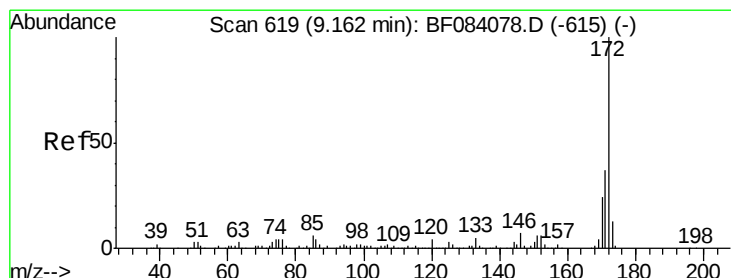
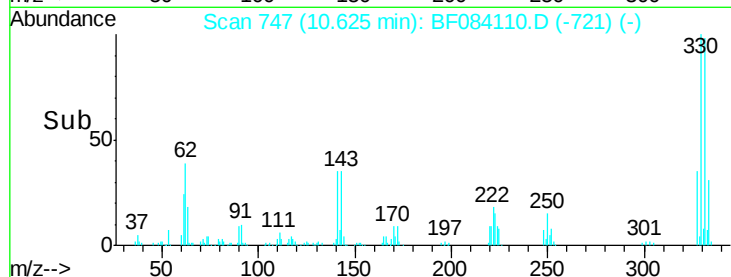
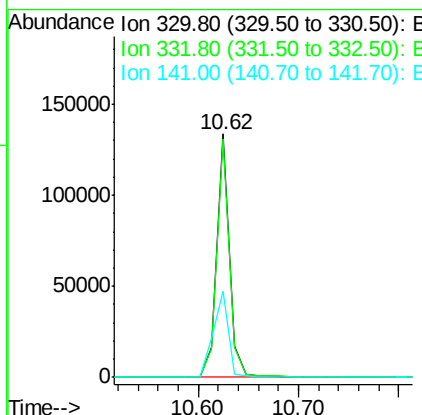
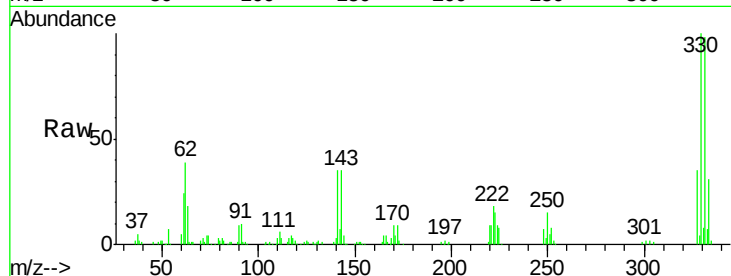




#41
 2,4,6-Tribromophenol
 Concen: 124.37 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

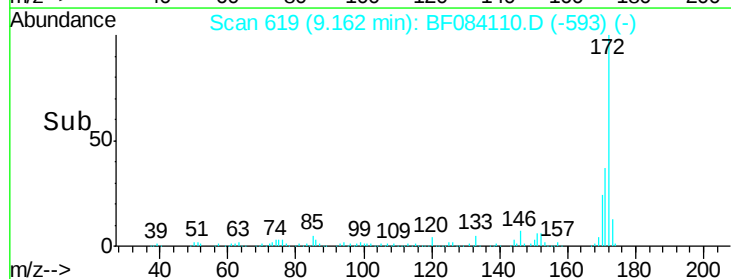
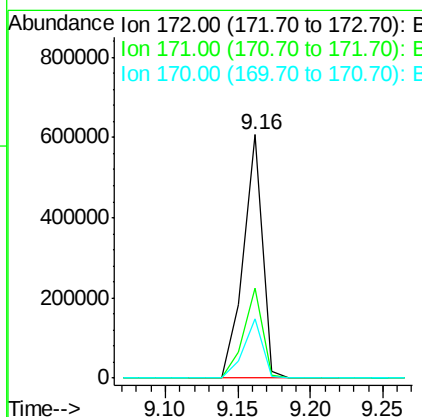
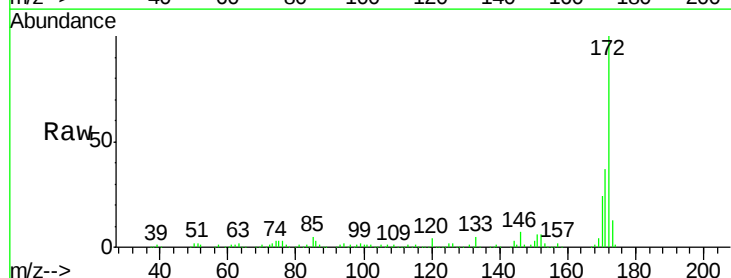
Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-122215

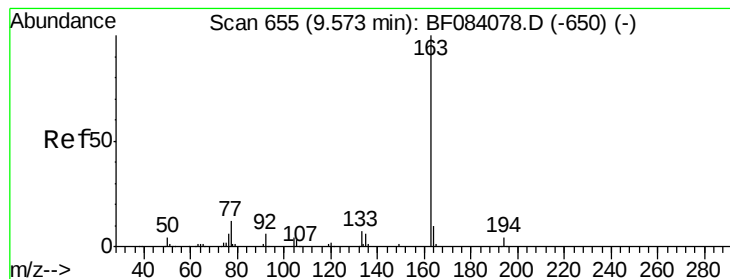
Tgt Ion: 330 Resp: 117522
 Ion Ratio Lower Upper
 330 100
 332 98.1 76.6 114.8
 141 41.7 27.8 41.6#



#44
 2-Fluorobiphenyl
 Concen: 86.01 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Tgt Ion: 172 Resp: 557004
 Ion Ratio Lower Upper
 172 100
 171 36.8 28.9 43.3
 170 24.2 18.6 27.8





#49

Dimethylphthalate

Concen: 6.75 ng

RT: 9.55 min Scan# 653

Delta R.T. -0.02 min

Lab File: BF084110.D

Acq: 25 Dec 2015 5:59

Instrument :

BNA_F

ClientSampleId :

PZ-3-122215

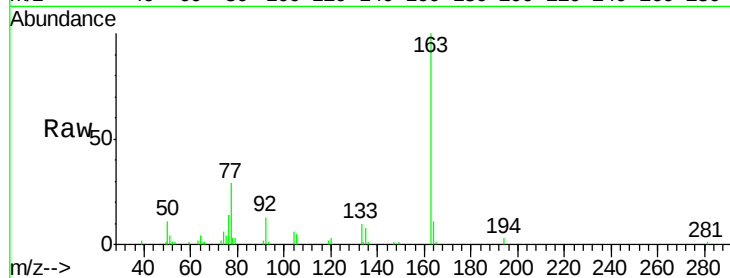
Tgt Ion:163 Resp: 49528

Ion Ratio Lower Upper

163 100

194 2.9 8.0 12.0#

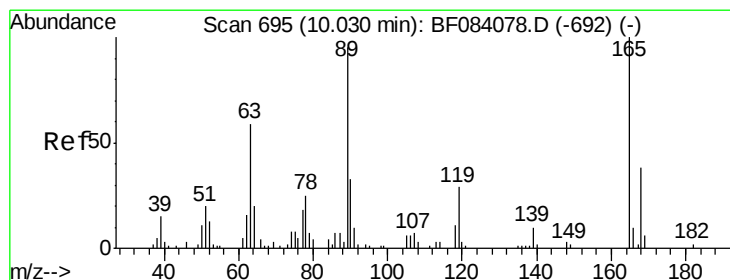
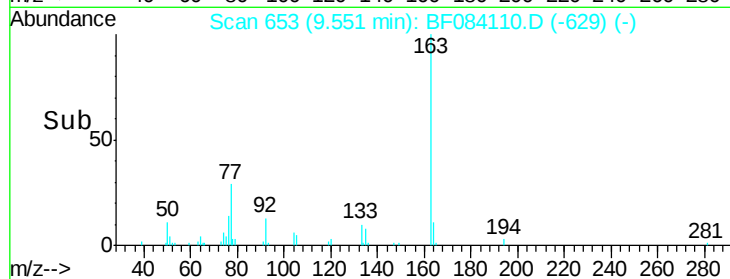
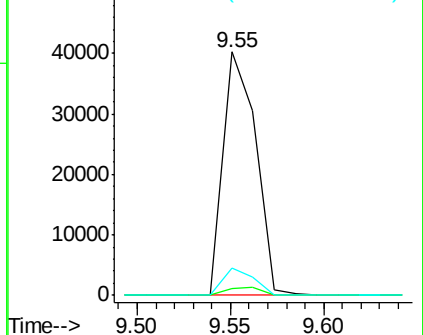
164 11.2 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 5.63 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084110.D

Acq: 25 Dec 2015 5:59

Tgt Ion:165 Resp: 11580

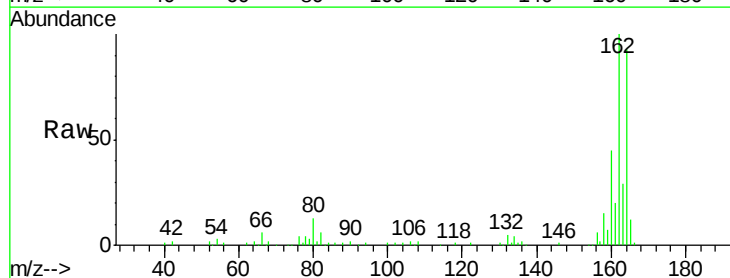
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

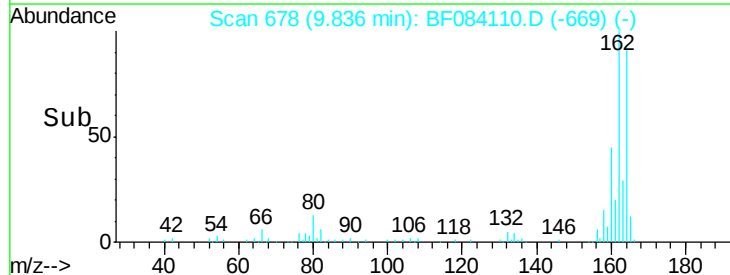
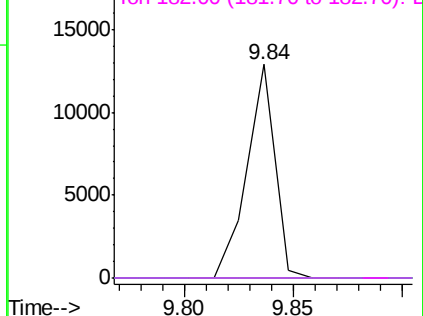


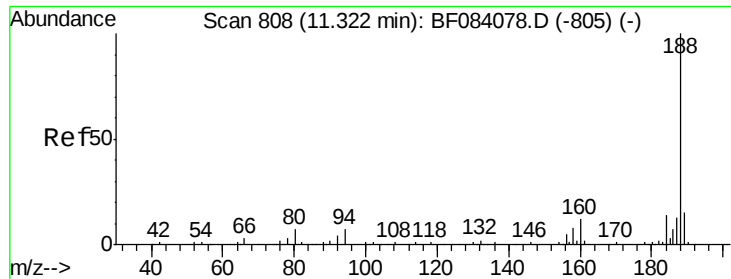
Abundance Ion 165.00 (164.70 to 165.70): E

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

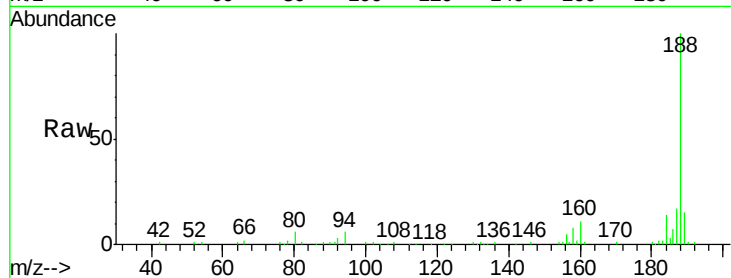




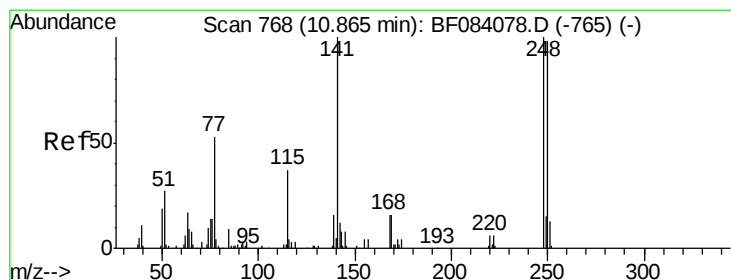
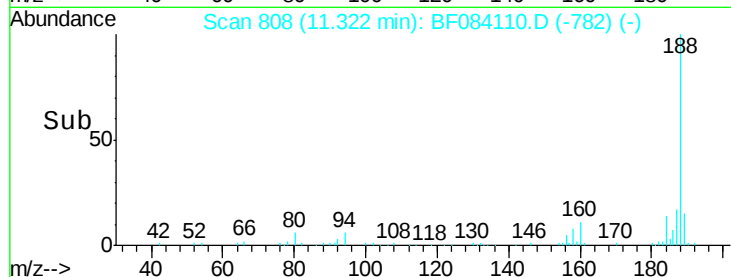
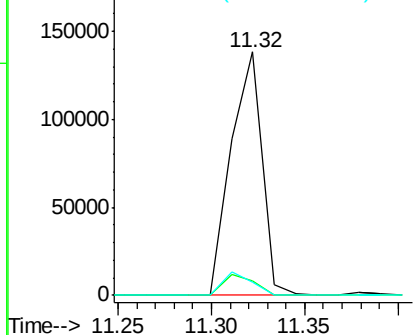
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Instrument :
 BNA_F
 ClientSampleId :
 PZ-3-122215

Tgt Ion:188 Resp: 161048
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.4#
 80 5.6 9.6 14.4#

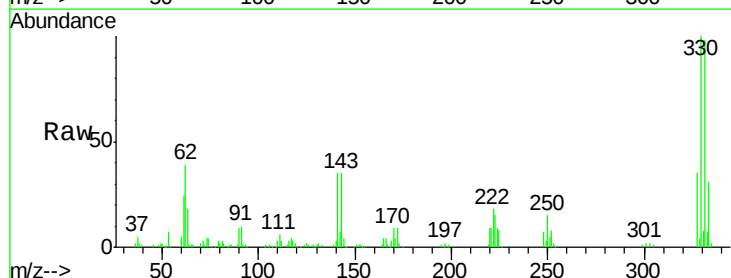


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

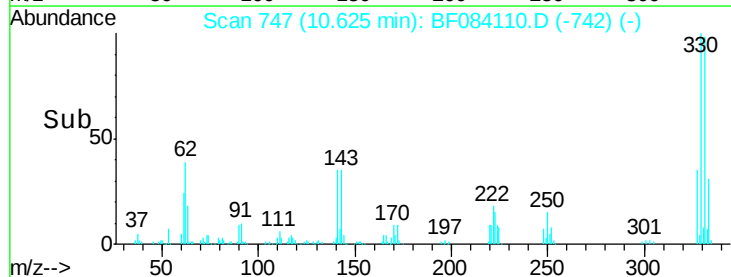
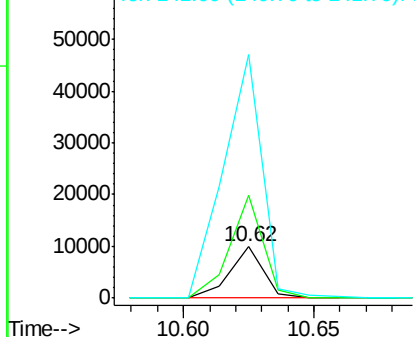


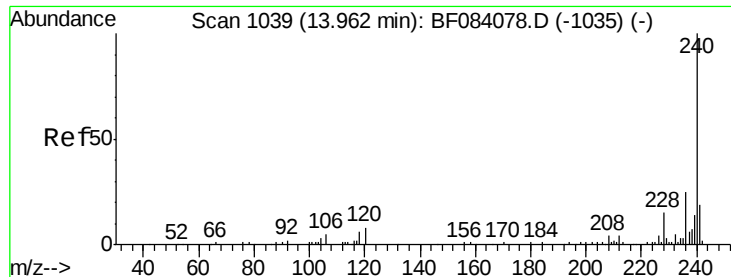
#66
 4-Bromophenyl-phenylether
 Concen: 4.75 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084110.D
 Acq: 25 Dec 2015 5:59

Tgt Ion:248 Resp: 8857
 Ion Ratio Lower Upper
 248 100
 250 199.4 78.4 117.6#
 141 473.0 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: BF084110.D

Acq: 25 Dec 2015 5:59

Instrument :

BNA_F

ClientSampleId :

PZ-3-122215

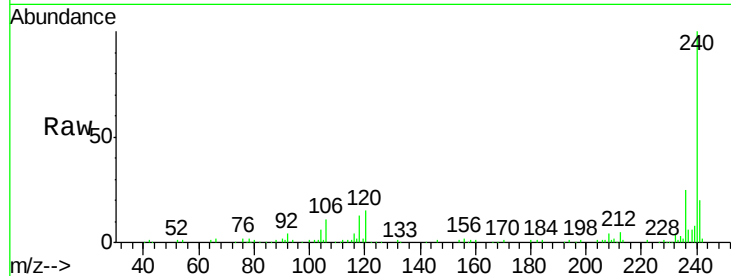
Tgt Ion:240 Resp: 125880

Ion Ratio Lower Upper

240 100

120 15.0 9.5 14.3#

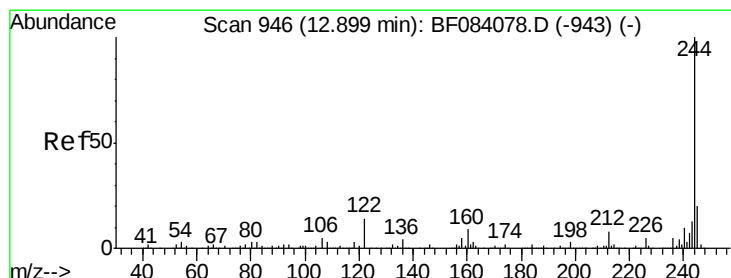
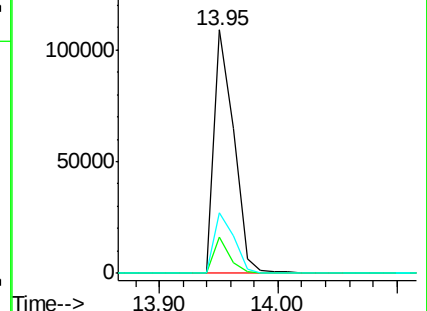
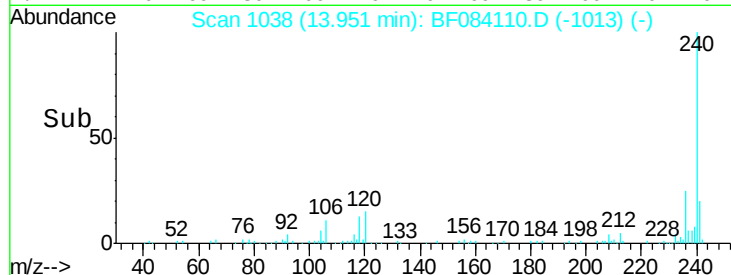
236 24.8 20.6 31.0



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: 67.17 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084110.D

Acq: 25 Dec 2015 5:59

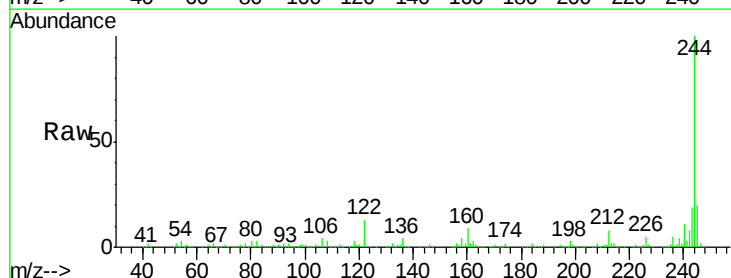
Tgt Ion:244 Resp: 467311

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

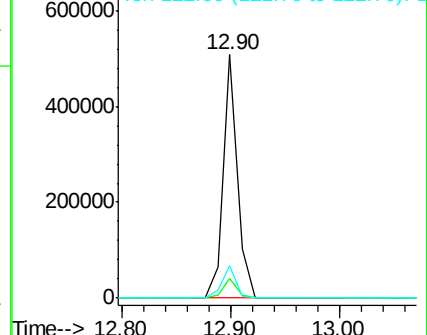
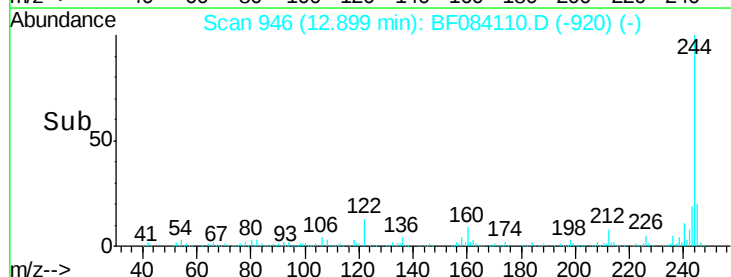
122 13.3 7.4 11.0#

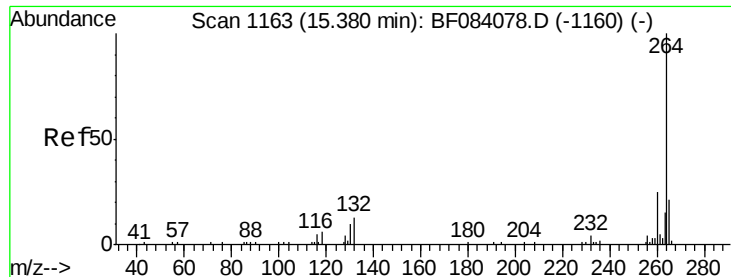


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

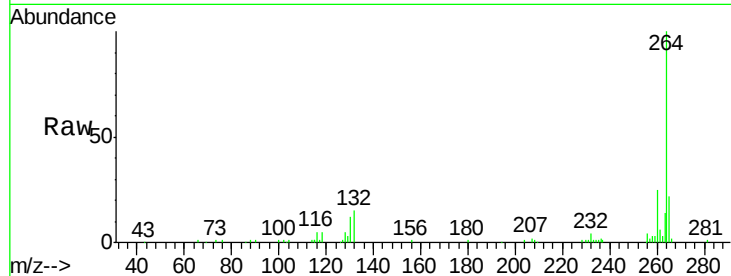




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084110.D
Acq: 25 Dec 2015 5:59

Instrument :
BNA_F
ClientSampleId :
PZ-3-122215

Tgt Ion: 264 Resp: 97037
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 21.9 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

