

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084113.D
 Acq On : 25 Dec 2015 7:24
 Operator : UM/SJ
 Sample : G4951-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Quant Time: Dec 26 00:33:18 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

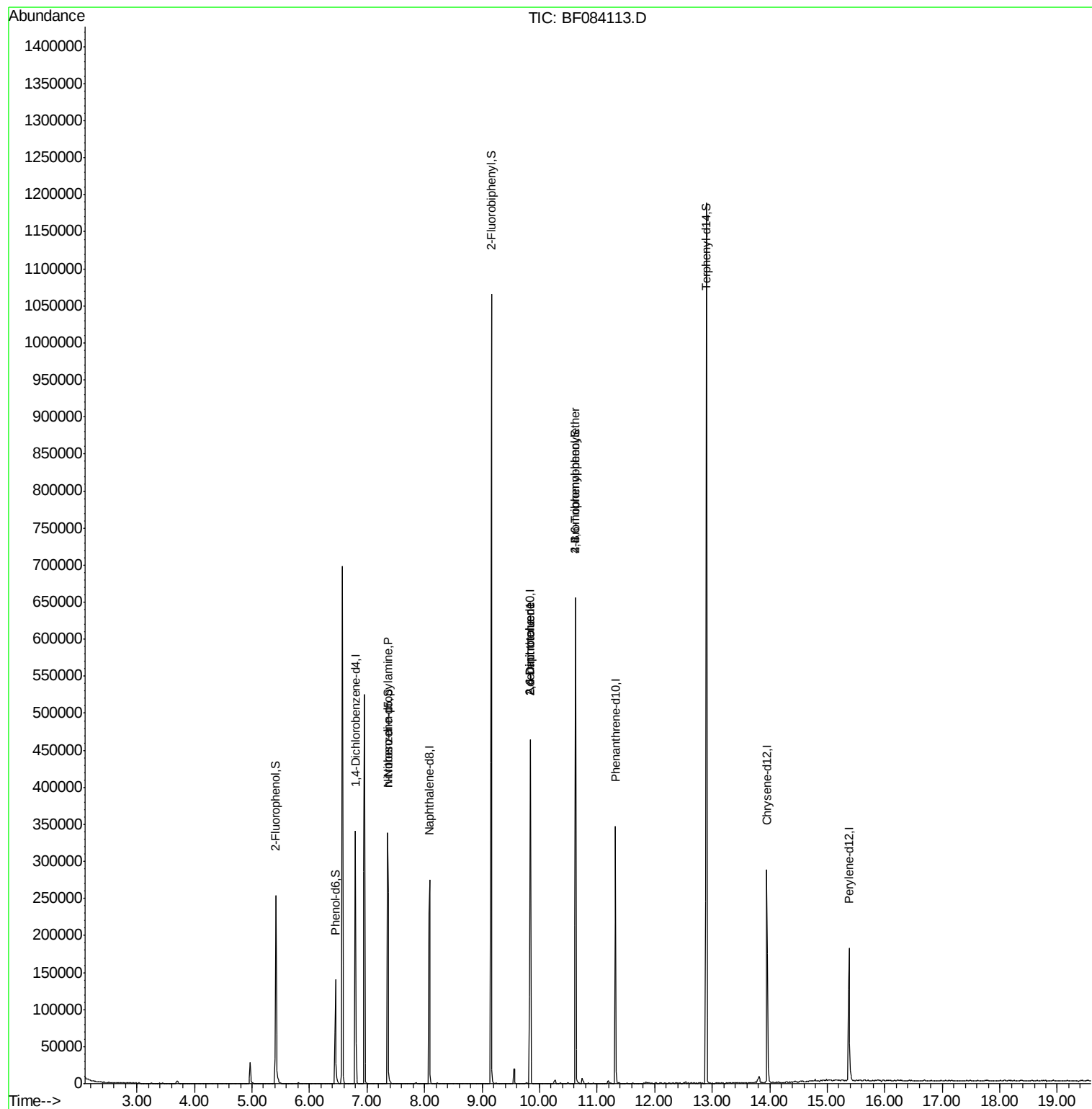
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51746	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	185139	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	91917	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	159120	20.00	ng	0.00
75) Chrysene-d12	13.95	240	122821	20.00	ng	-0.01
86) Perylene-d12	15.38	264	99598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	85791	28.11	ng	0.00
7) Phenol-d6	6.45	99	66755	17.68	ng	0.00
23) Nitrobenzene-d5	7.36	82	150564	47.60	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	85030	86.75	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	368823	54.90	ng	0.00
78) Terphenyl-d14	12.90	244	337326	49.70	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	19584	8.42	ng	# 72
50) 2,6-Dinitrotoluene	9.84	165	11776	7.29	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11776	5.52	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	6070	3.29	ng	# 1
74) Fluoranthene	12.53	202	1224	Below	Cal	63

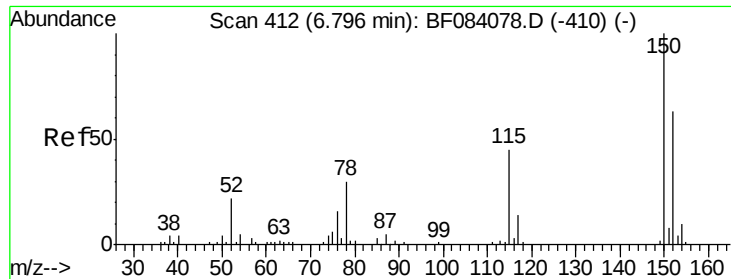
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084113.D
Acq On : 25 Dec 2015 7:24
Operator : UM/SJ
Sample : G4951-05
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LIP-12-122215

Quant Time: Dec 26 00:33:18 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: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

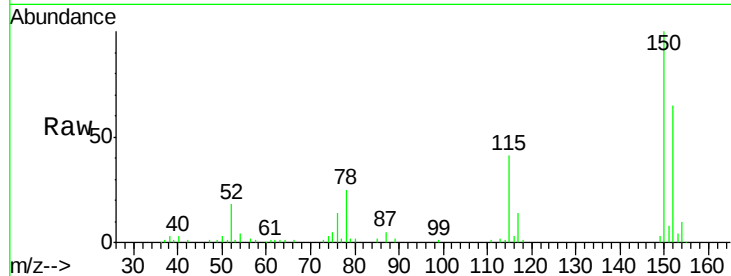
Tgt Ion:152 Resp: 51746

Ion Ratio Lower Upper

152 100

150 153.3 123.0 184.4

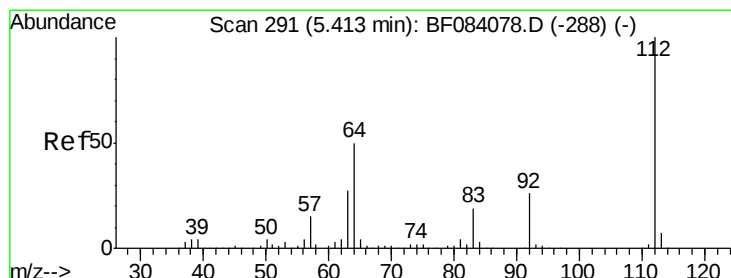
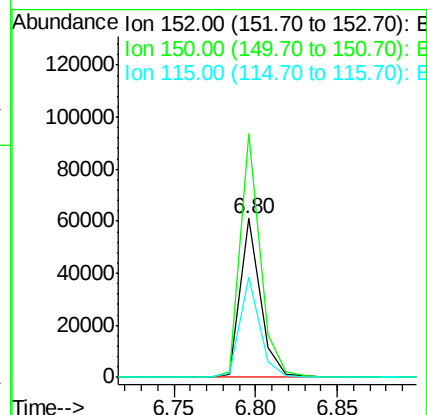
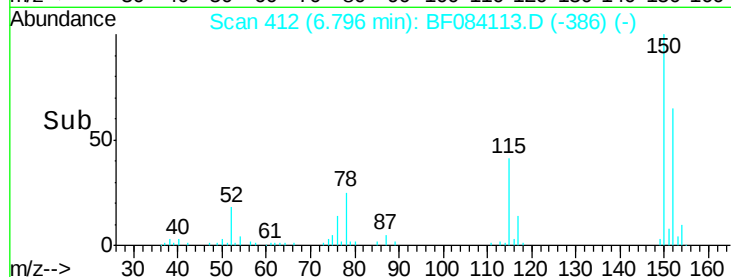
115 63.4 51.4 77.2



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: 28.11 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

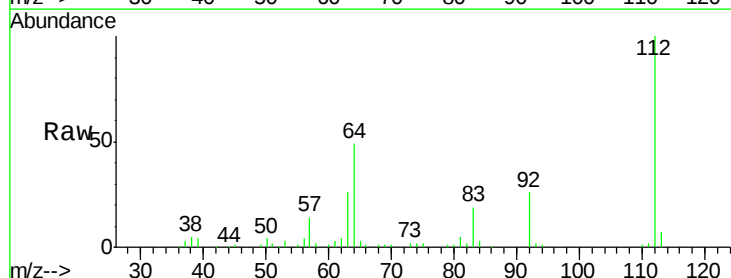
Tgt Ion:112 Resp: 85791

Ion Ratio Lower Upper

112 100

64 48.6 36.6 55.0

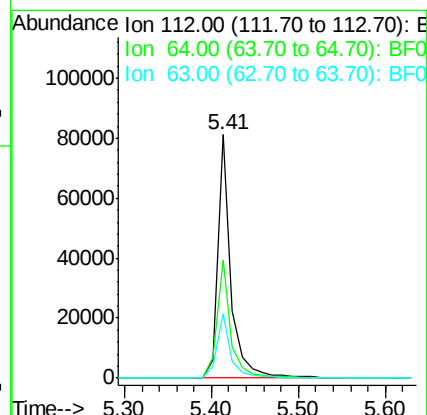
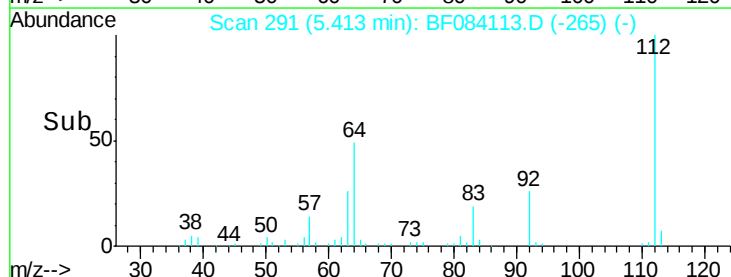
63 26.3 19.4 29.0

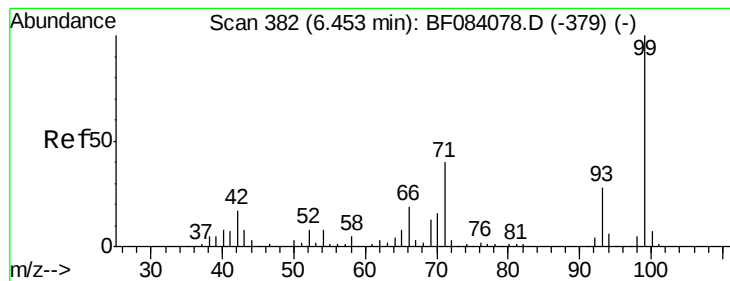


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 17.68 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

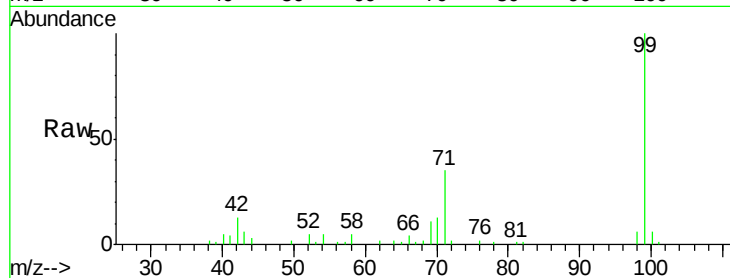
Tgt Ion: 99 Resp: 66755

Ion Ratio Lower Upper

99 100

42 12.9 12.8 19.2

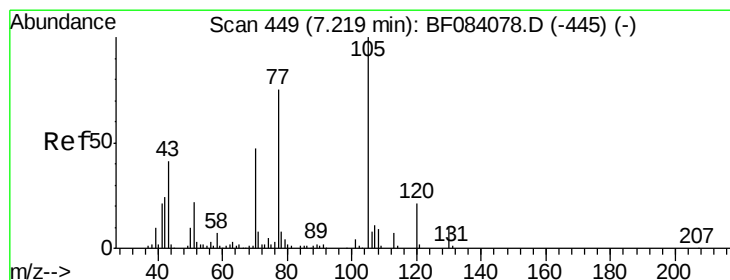
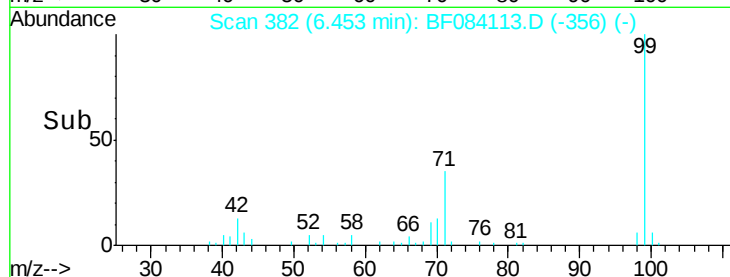
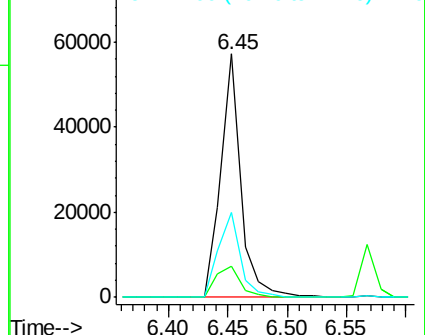
71 34.7 30.9 46.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.42 ng

RT: 7.36 min Scan# 461

Delta R.T. 0.14 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Tgt Ion: 70 Resp: 19584

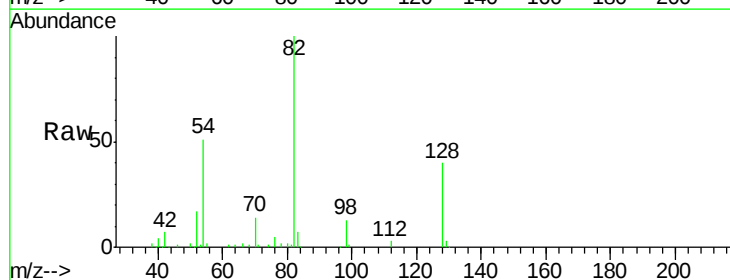
Ion Ratio Lower Upper

70 100

42 48.3 33.3 49.9

101 0.0 9.3 13.9#

130 2.1 23.4 35.0#

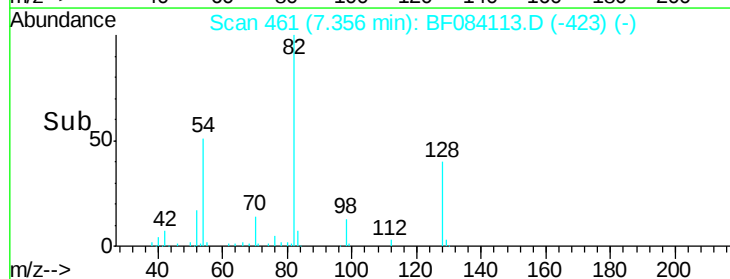
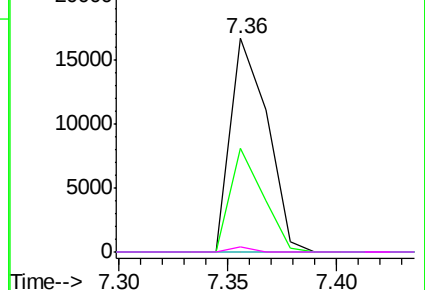


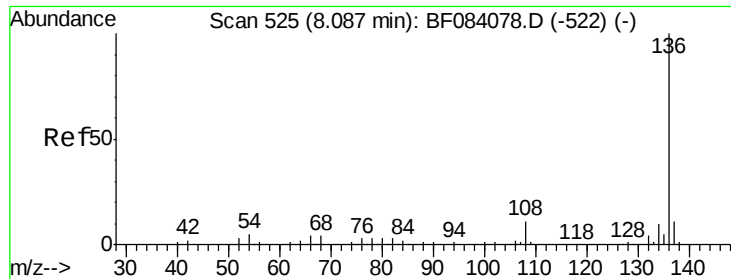
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

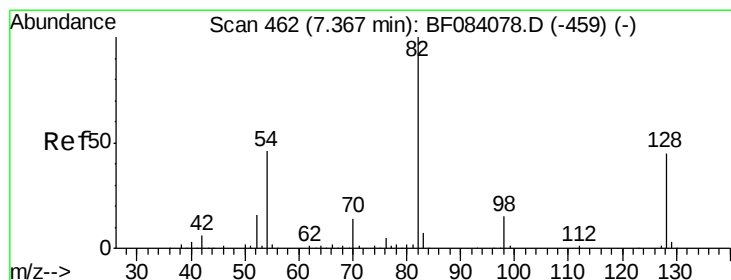
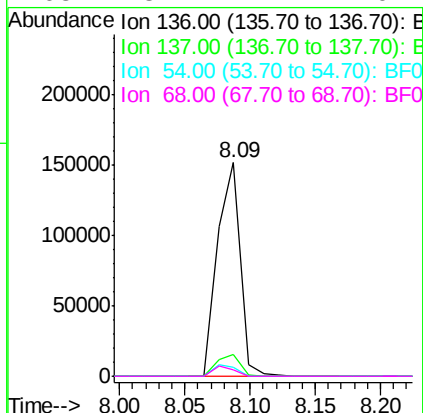
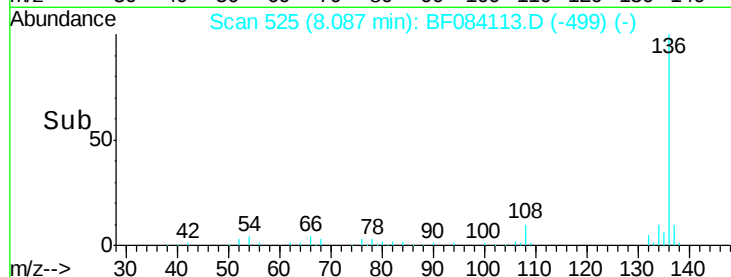
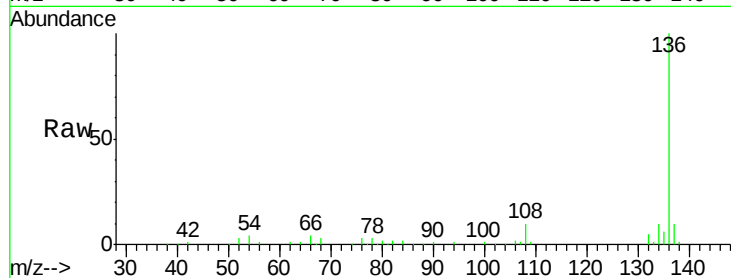




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084113.D
Acq: 25 Dec 2015 7:24

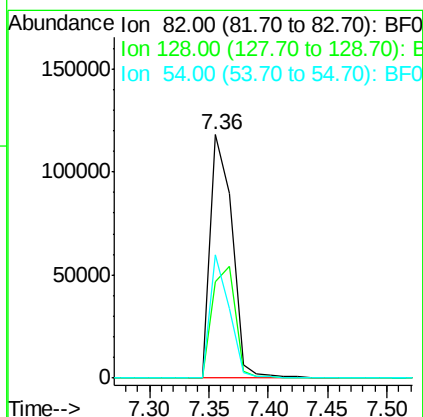
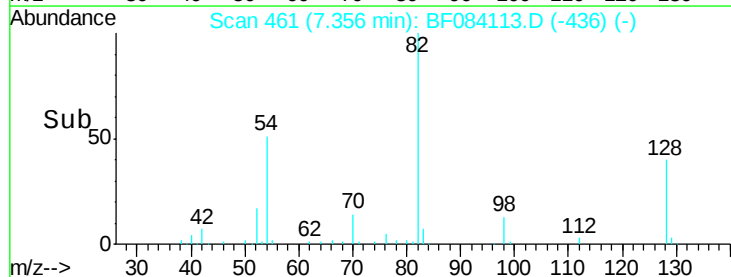
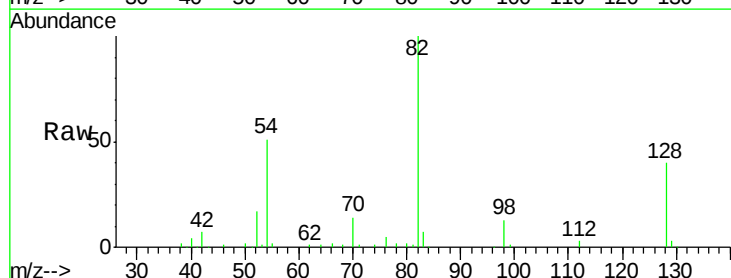
Instrument :
BNA_F
ClientSampleId :
LIP-12-122215

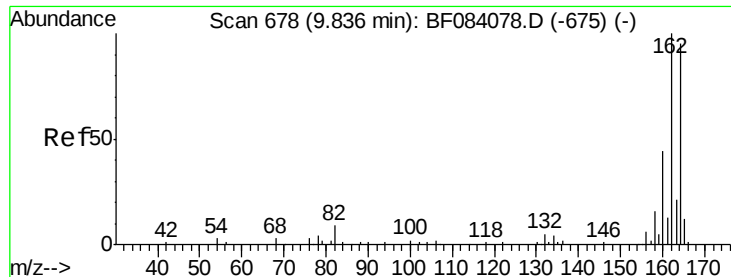
Tgt Ion:	136	Resp:	185139
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	4.2	5.8	8.8#
68	3.2	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 47.60 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF084113.D
Acq: 25 Dec 2015 7:24

Tgt Ion:	82	Resp:	150564
Ion	Ratio	Lower	Upper
82	100		
128	39.6	34.6	51.8
54	50.5	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: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

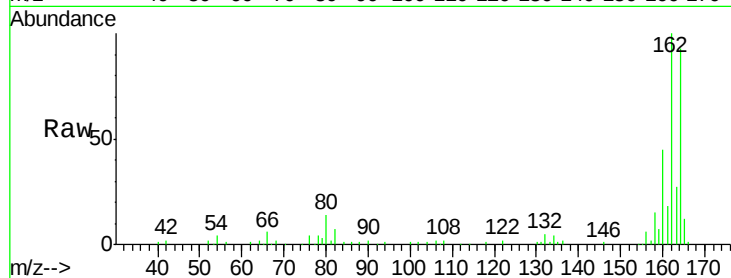
Tgt Ion:164 Resp: 91917

Ion Ratio Lower Upper

164 100

162 107.0 85.1 127.7

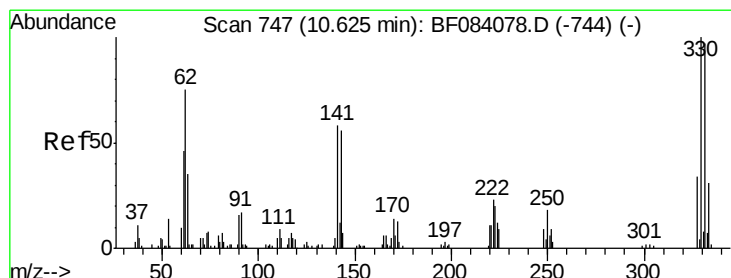
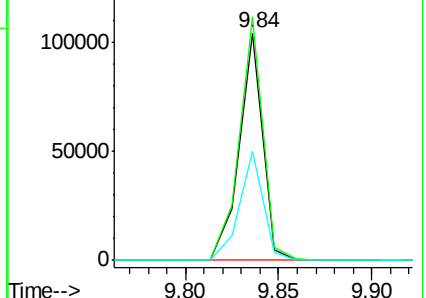
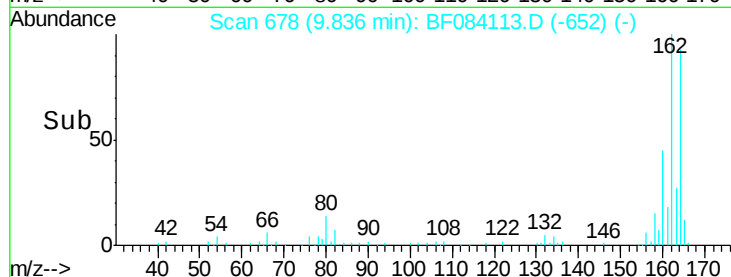
160 48.3 37.5 56.3



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: 86.75 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

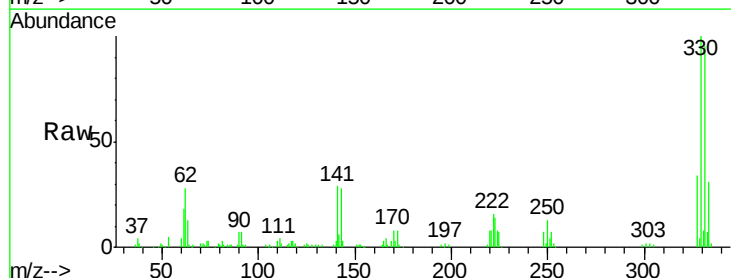
Tgt Ion:330 Resp: 85030

Ion Ratio Lower Upper

330 100

332 96.1 76.6 114.8

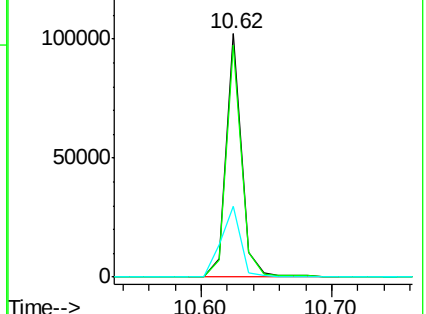
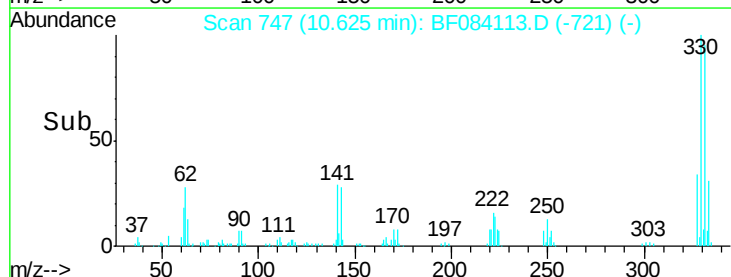
141 36.5 27.8 41.6

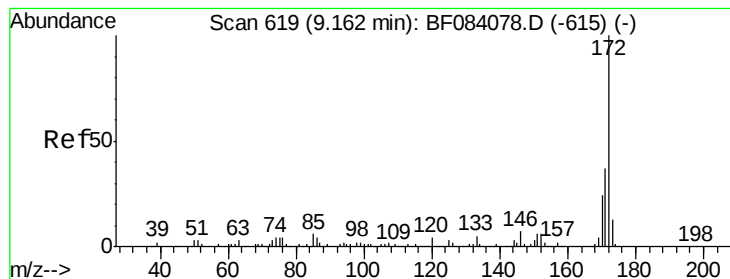


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 54.90 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

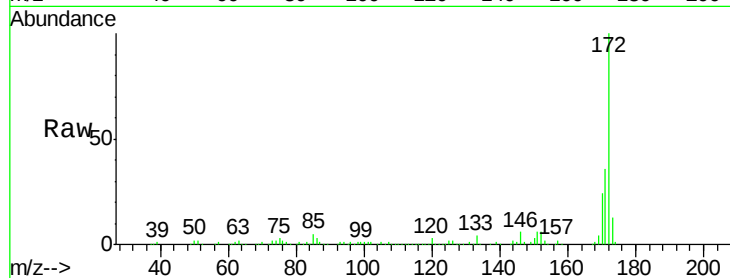
Tgt Ion:172 Resp: 368823

Ion Ratio Lower Upper

172 100

171 35.9 28.9 43.3

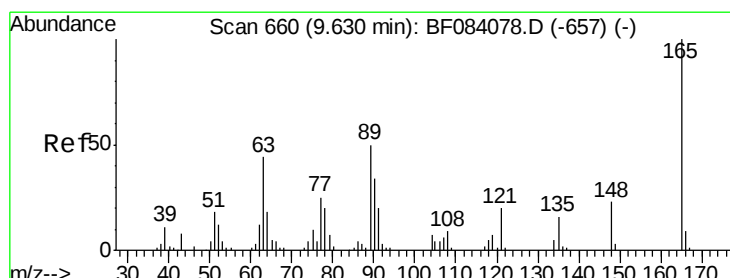
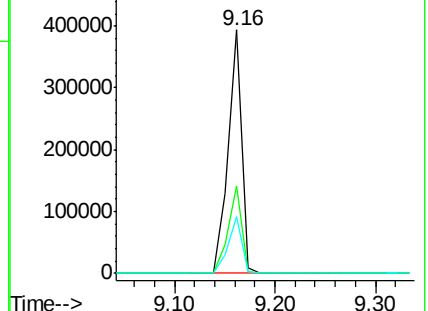
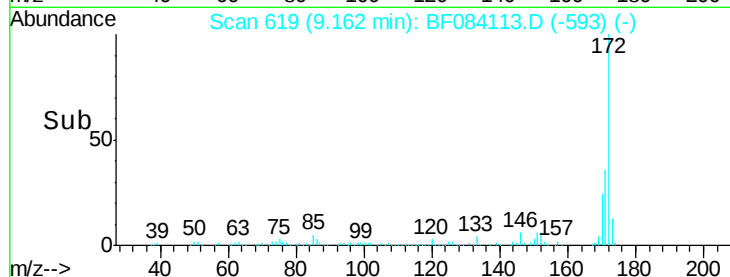
170 23.5 18.6 27.8



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: 7.29 ng

RT: 9.84 min Scan# 678

Delta R.T. 0.21 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

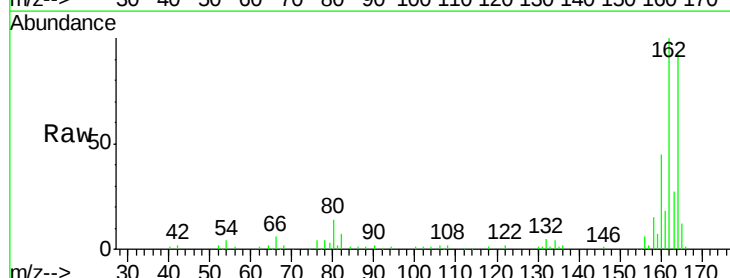
Tgt Ion:165 Resp: 11776

Ion Ratio Lower Upper

165 100

63 0.0 28.8 43.2#

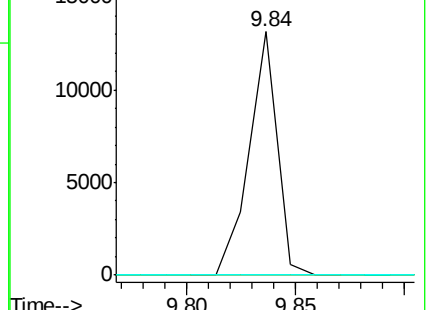
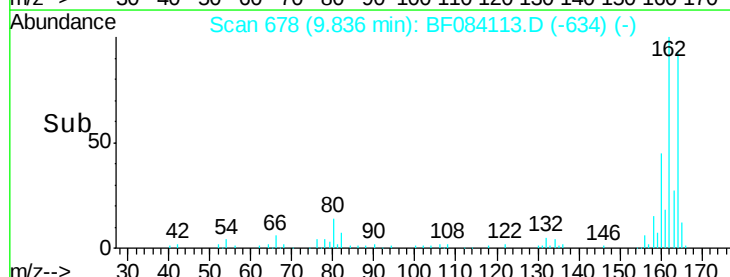
89 0.0 35.1 52.7#

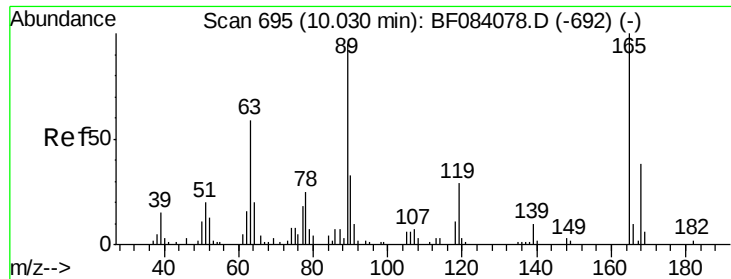


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#56

2,4-Dinitrotoluene

Concen: 5.52 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

Tgt Ion:165 Resp: 11776

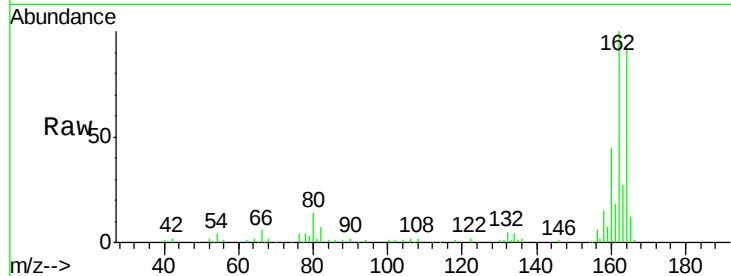
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

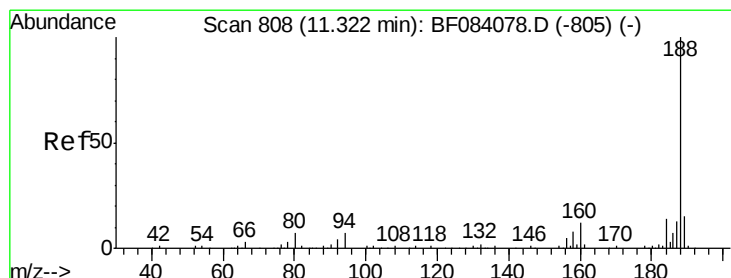
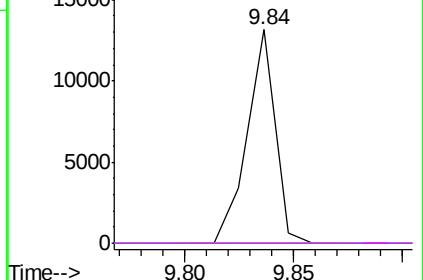
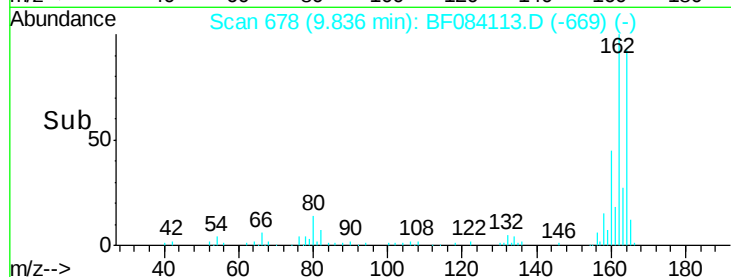


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF084113.D

Acq: 25 Dec 2015 7:24

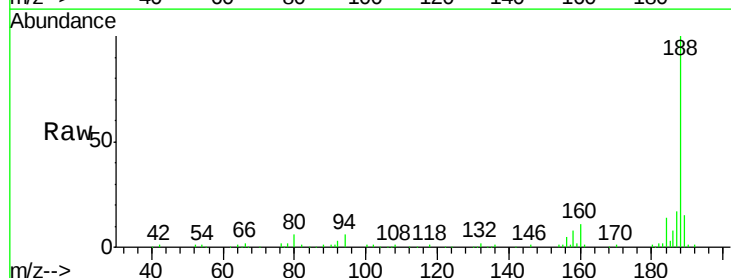
Tgt Ion:188 Resp: 159120

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.4#

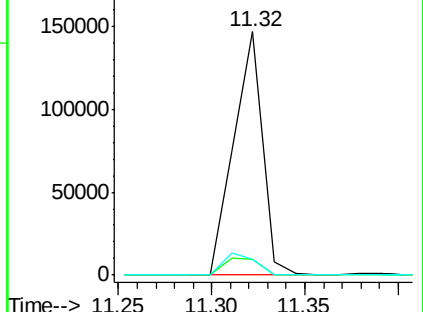
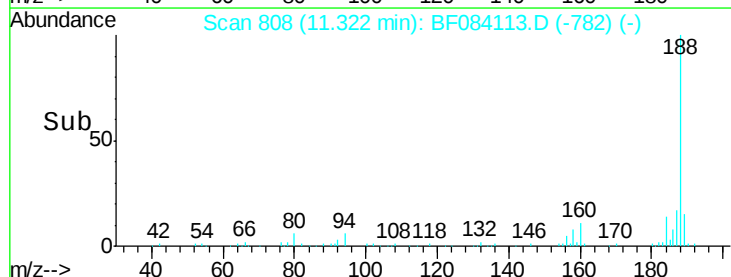
80 6.4 9.6 14.4#

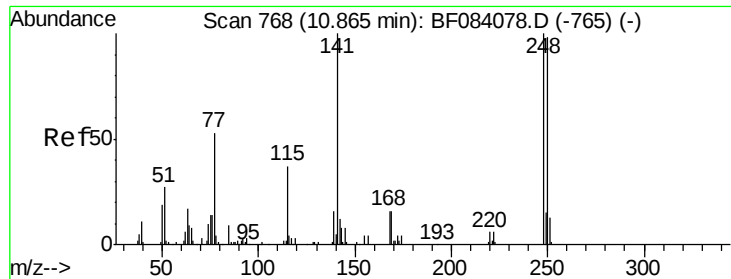


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 3.29 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.24 min

Lab File: BF084113.D

Acq: 25 Dec 2015 7:24

Instrument :

BNA_F

ClientSampleId :

LIP-12-122215

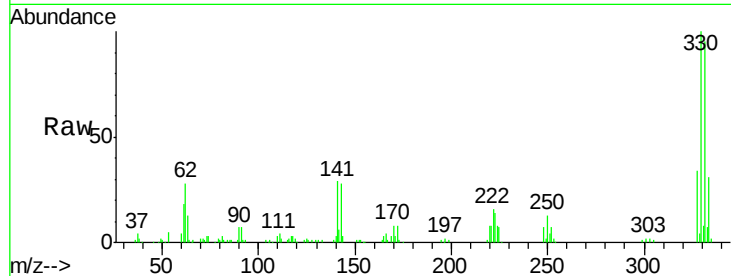
Tgt Ion:248 Resp: 6070

Ion Ratio Lower Upper

248 100

250 190.9 78.4 117.6#

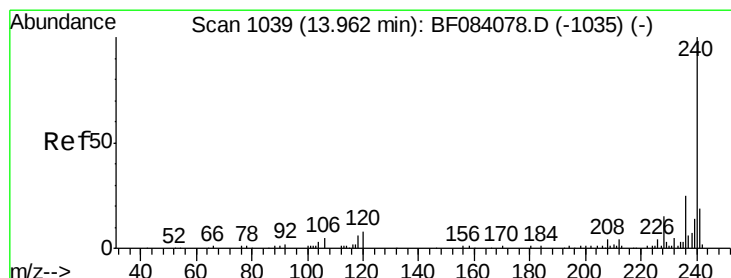
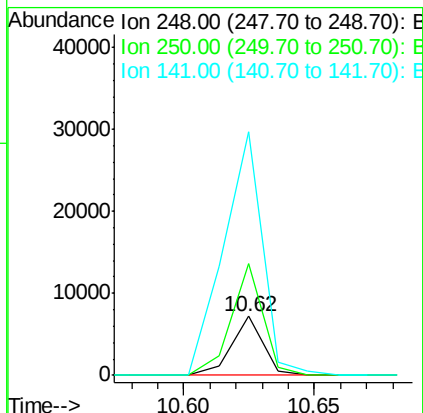
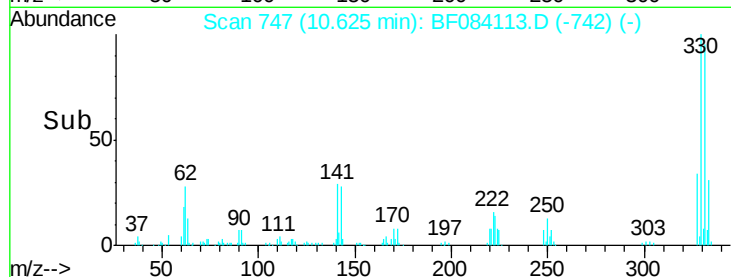
141 415.0 44.0 66.0#



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: BF084113.D

Acq: 25 Dec 2015 7:24

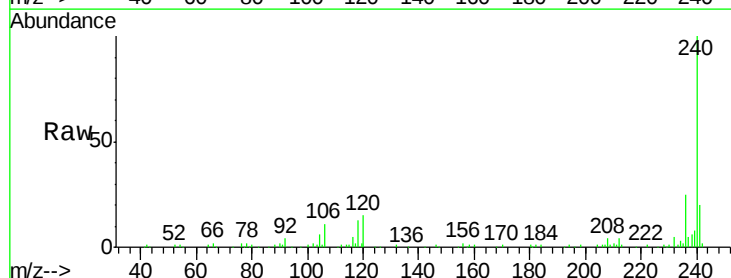
Tgt Ion:240 Resp: 122821

Ion Ratio Lower Upper

240 100

120 15.3 9.5 14.3#

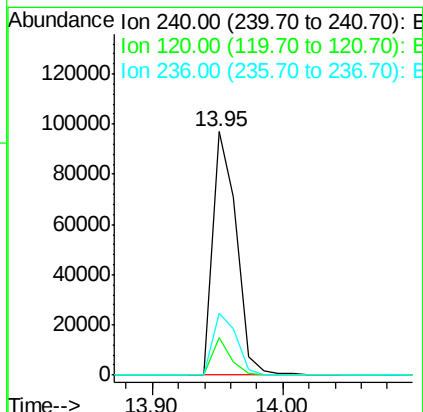
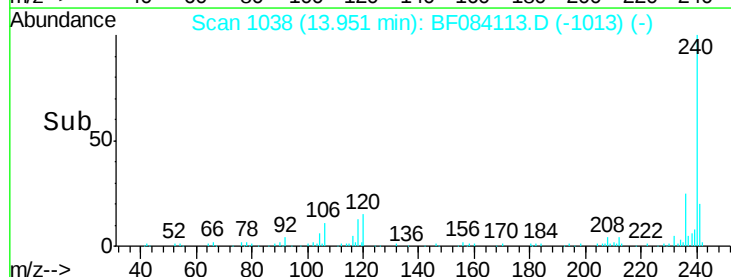
236 25.4 20.6 31.0

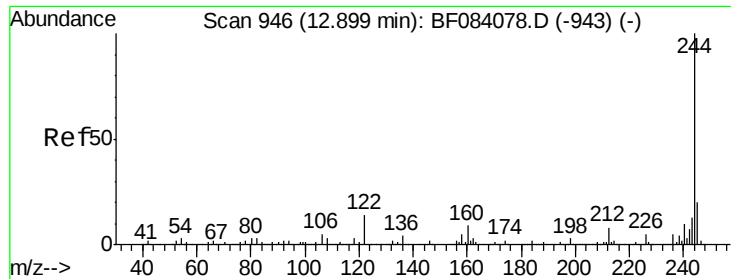


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

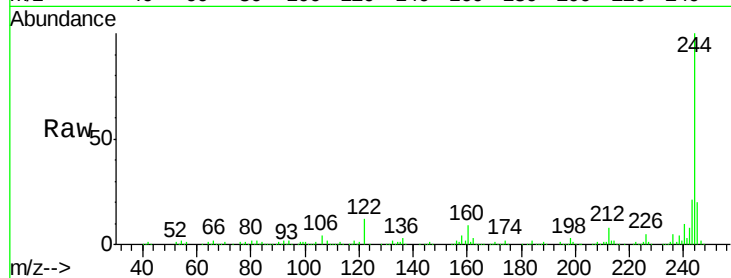




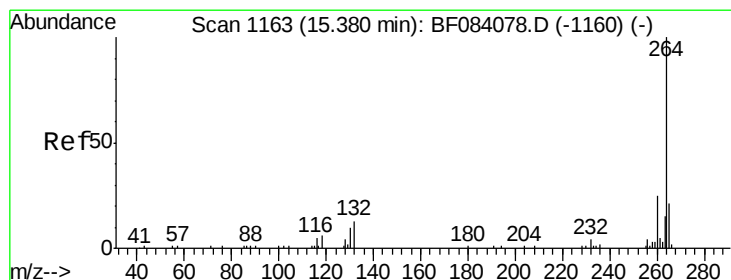
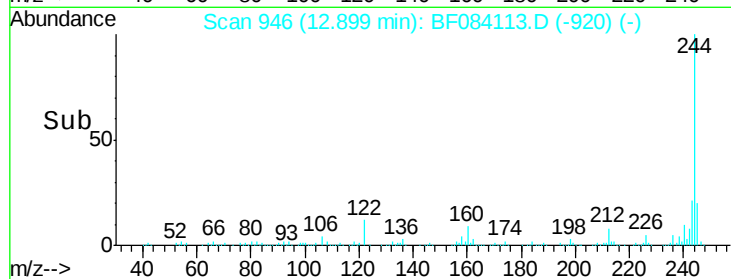
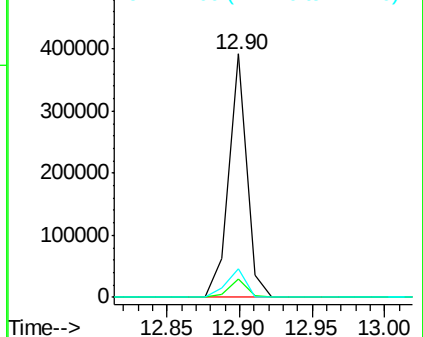
#78
 Terphenyl-d14
 Concen: 49.70 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Instrument :
 BNA_F
 ClientSampleId :
 LIP-12-122215

Tgt Ion:244 Resp: 337326
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.7 7.4 11.0#

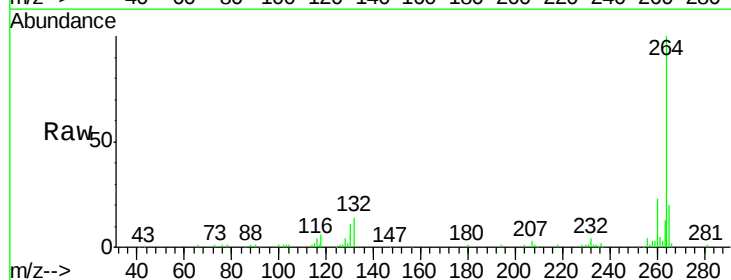


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF084113.D
 Acq: 25 Dec 2015 7:24

Tgt Ion:264 Resp: 99598
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 19.6 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

