

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084122.D
 Acq On : 25 Dec 2015 11:40
 Operator : UM/SJ
 Sample : G4960-01
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(21.0-21.5)

Quant Time: Dec 26 00:35:30 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

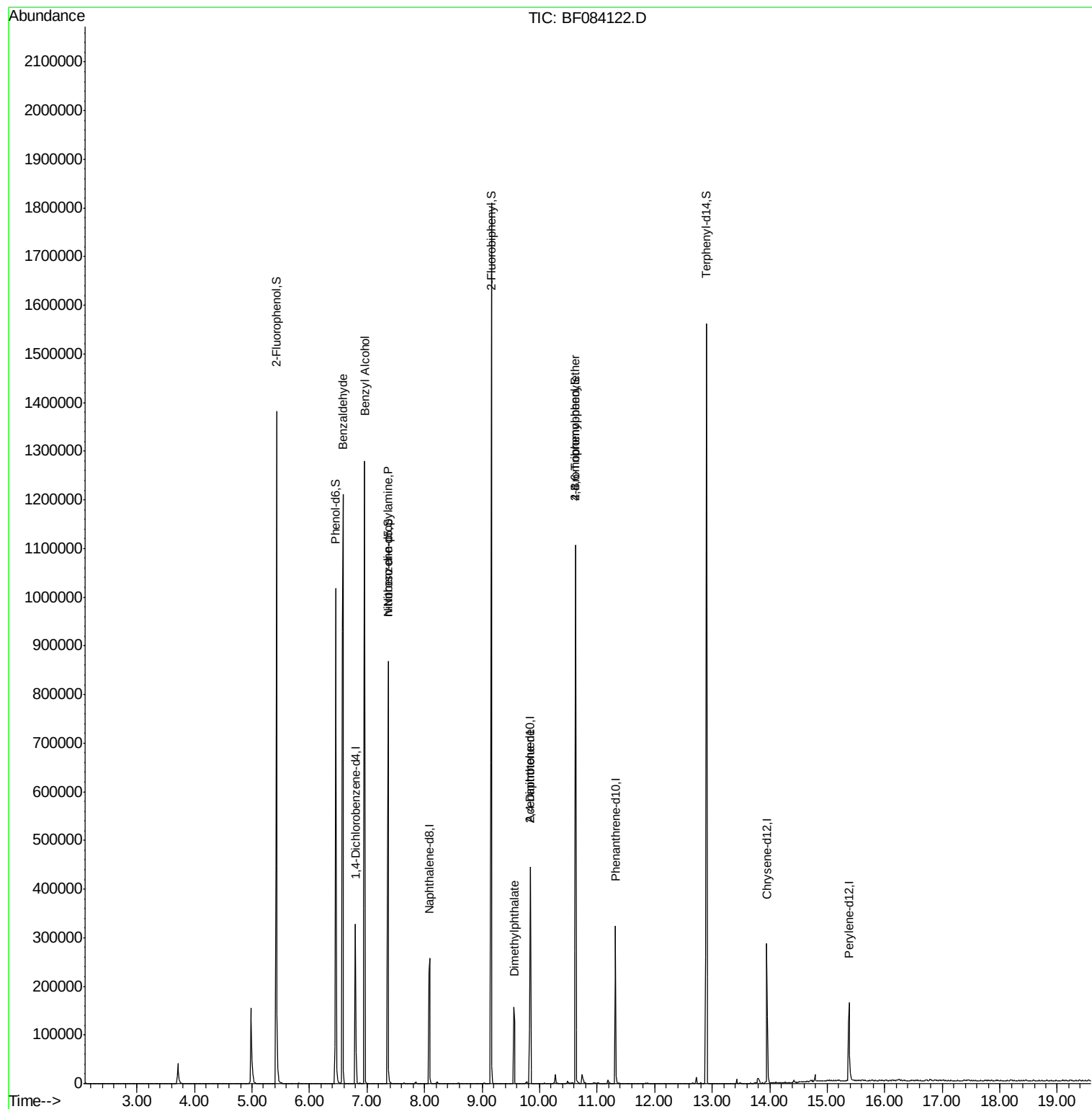
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49325	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	178966	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	89188	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	155880	20.00	ng	0.00
75) Chrysene-d12	13.95	240	113016	20.00	ng	-0.01
86) Perylene-d12	15.38	264	93799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	411658	141.50	ng	0.01
7) Phenol-d6	6.45	99	495303	137.59	ng	0.00
23) Nitrobenzene-d5	7.37	82	326123	106.67	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122785	129.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	589912	90.50	ng	0.00
78) Terphenyl-d14	12.90	244	451524	72.29	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.58	77	9847	5.11	ng	96
15) Benzyl Alcohol	6.96	79	5573	2.04	ng	# 45
19) n-Nitroso-di-n-propylamine	7.37	70	45293	20.43	ng	# 76
49) Dimethylphthalate	9.56	163	93093	12.60	ng	# 92
56) 2,4-Dinitrotoluene	9.84	165	11501	5.56	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8587	4.76	ng	# 1
74) Fluoranthene	12.55	202	944	Below Cal		63

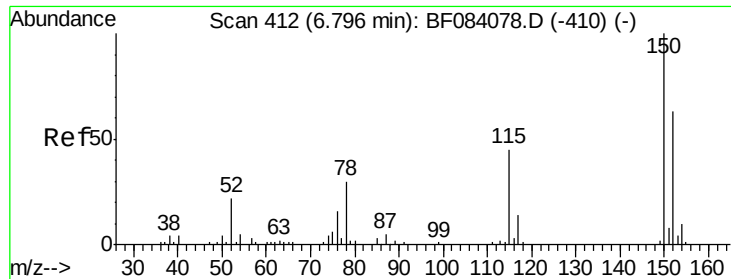
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084122.D

Acq: 25 Dec 2015 11:40

Instrument :

BNA_F

ClientSampleId :

PJ-SB-5(21.0-21.5)

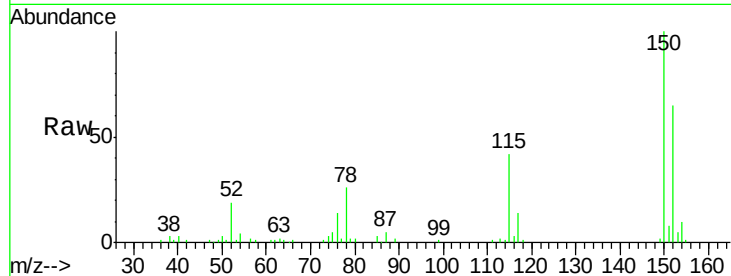
Tgt Ion:152 Resp: 49325

Ion Ratio Lower Upper

152 100

150 154.9 123.0 184.4

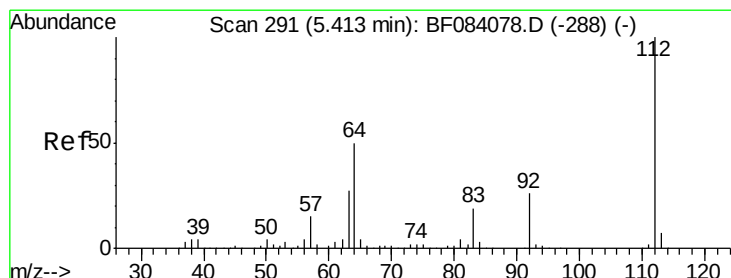
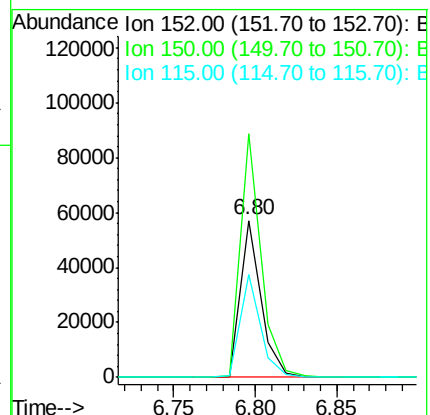
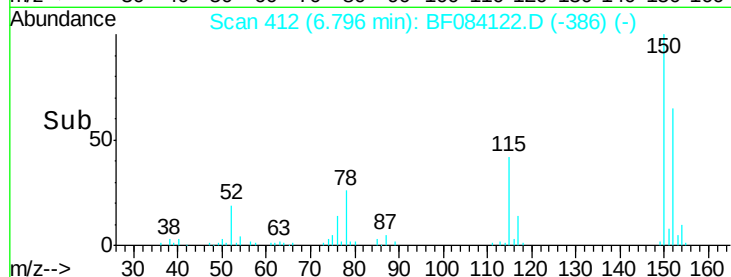
115 65.1 51.4 77.2



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: 141.50 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

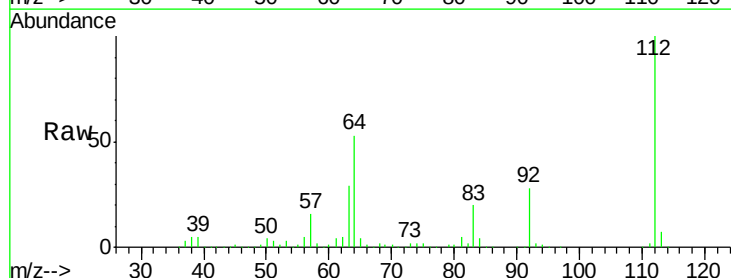
Tgt Ion:112 Resp: 411658

Ion Ratio Lower Upper

112 100

64 52.9 36.6 55.0

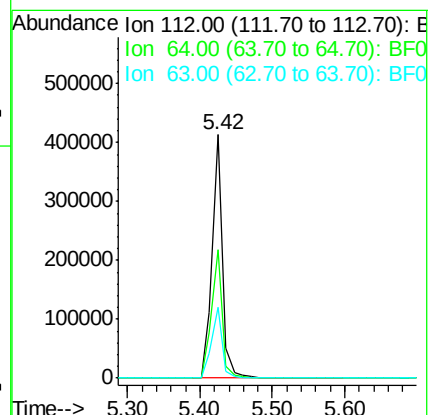
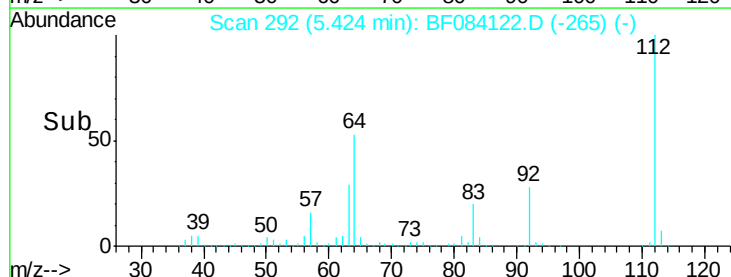
63 29.0 19.4 29.0

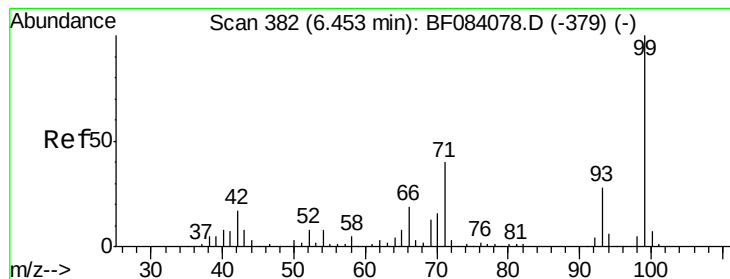


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.59 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

Instrument :

BNA_F

ClientSampleId :

PJ-SB-5(21.0-21.5)

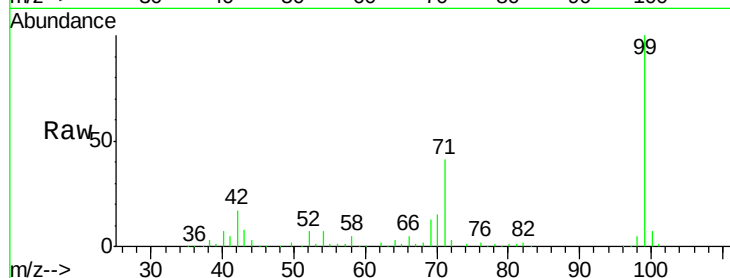
Tgt Ion: 99 Resp: 495303

Ion Ratio Lower Upper

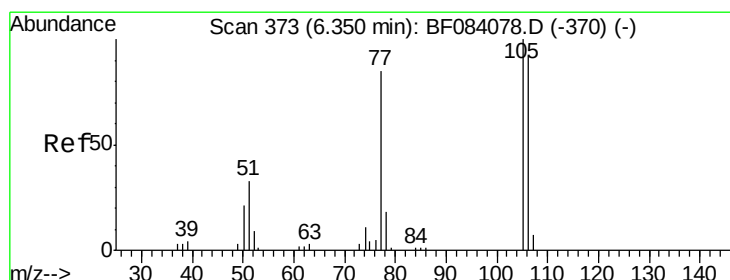
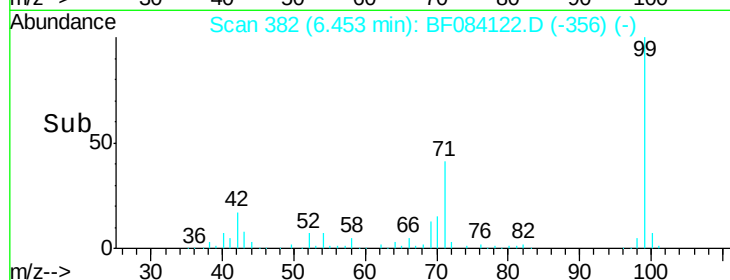
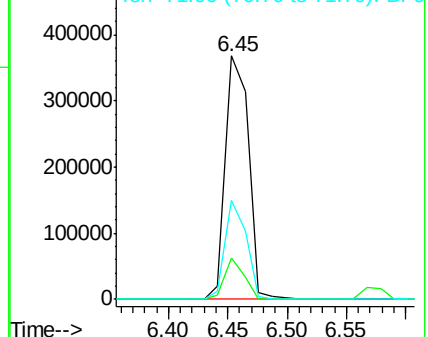
99 100

42 17.0 12.8 19.2

71 40.7 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



#9

Benzaldehyde

Concen: 5.11 ng

RT: 6.58 min Scan# 393

Delta R.T. 0.23 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

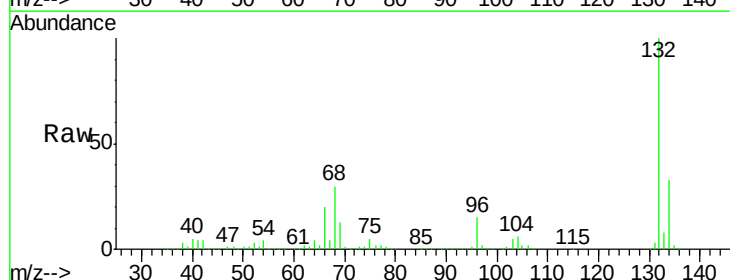
Tgt Ion: 77 Resp: 9847

Ion Ratio Lower Upper

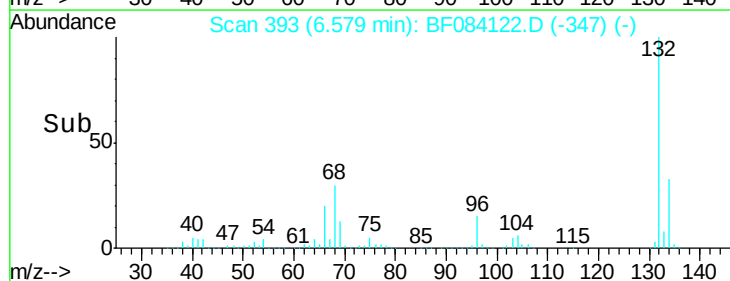
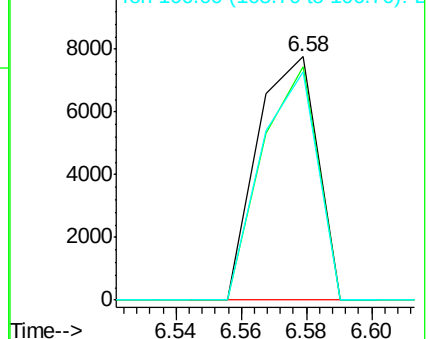
77 100

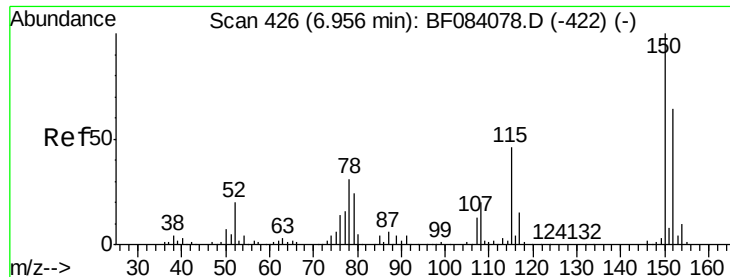
105 95.7 83.0 123.0

106 93.8 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

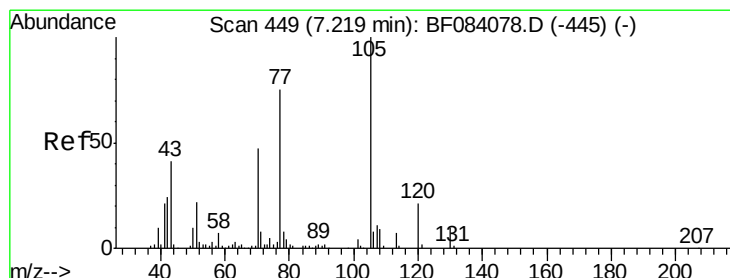
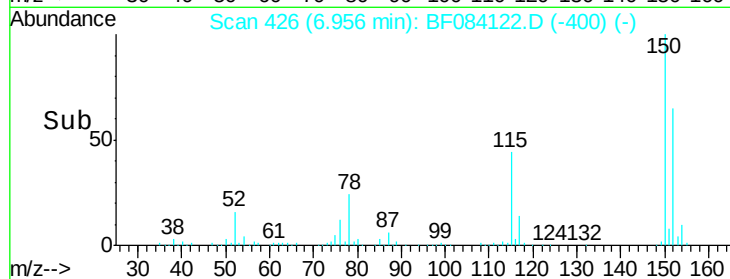
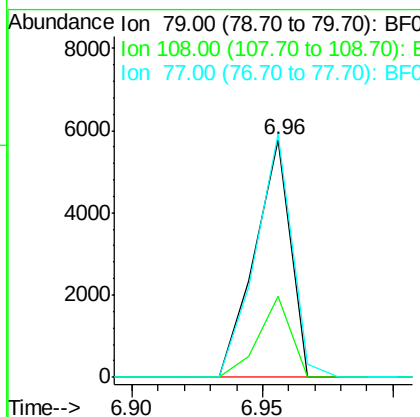
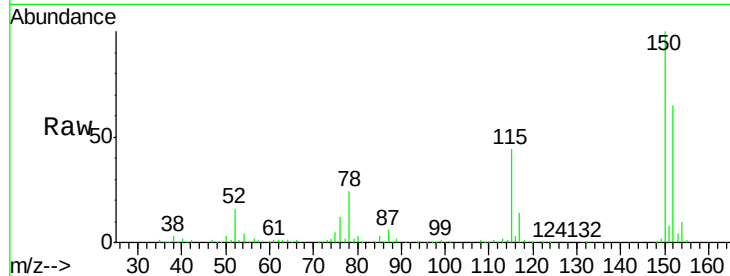




#15
Benzyl Alcohol
Concen: 2.04 ng
RT: 6.96 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF084122.D
Acq: 25 Dec 2015 11:40

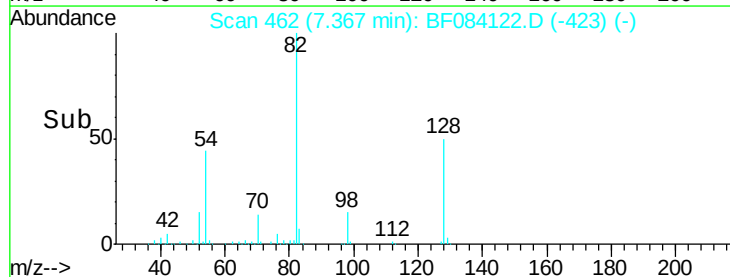
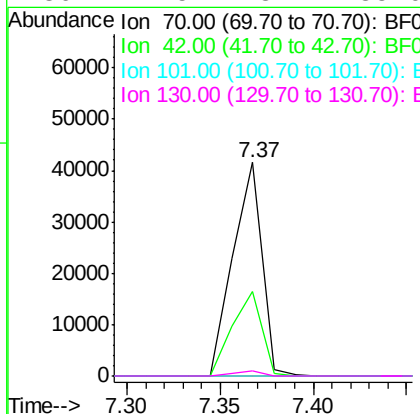
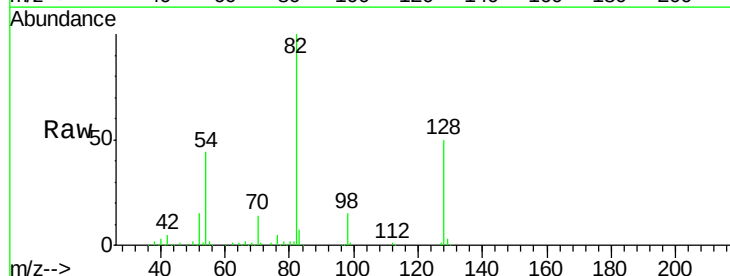
Instrument :
BNA_F
ClientSampleId :
PJ-SB-5(21.0-21.5)

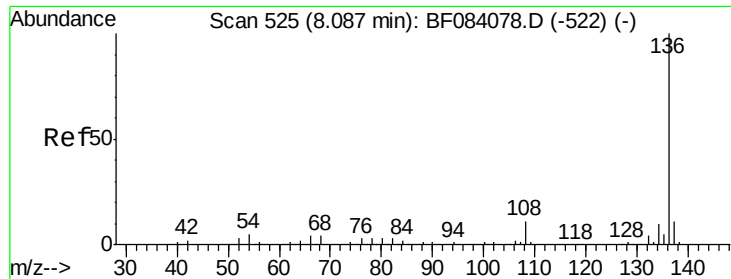
Tgt Ion: 79 Resp: 5573
Ion Ratio Lower Upper
79 100
108 34.0 69.0 103.4#
77 102.6 50.0 75.0#



#19
n-Nitroso-di-n-propylamine
Concen: 20.43 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084122.D
Acq: 25 Dec 2015 11:40

Tgt Ion: 70 Resp: 45293
Ion Ratio Lower Upper
70 100
42 39.3 33.3 49.9
101 0.0 9.3 13.9#
130 2.5 23.4 35.0#

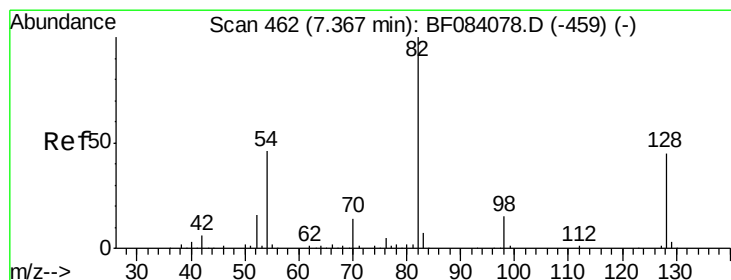
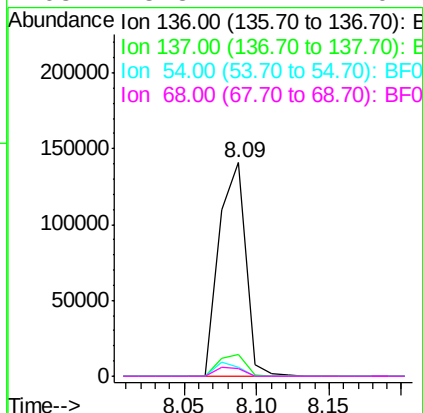
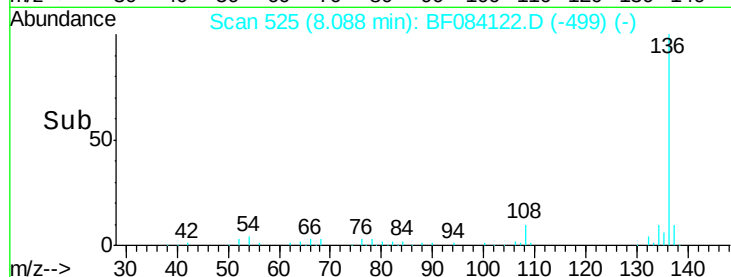
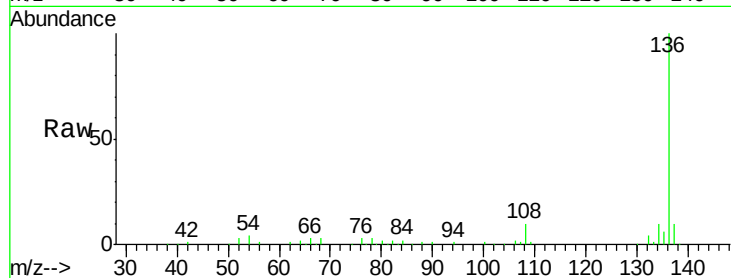




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084122.D
Acq: 25 Dec 2015 11:40

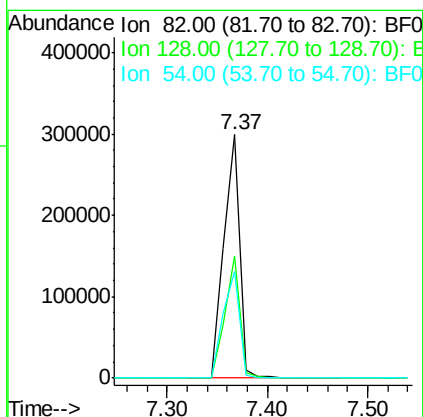
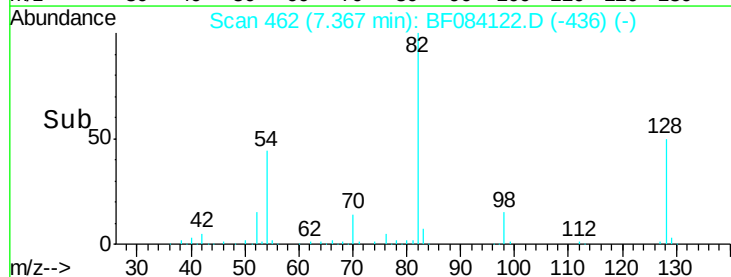
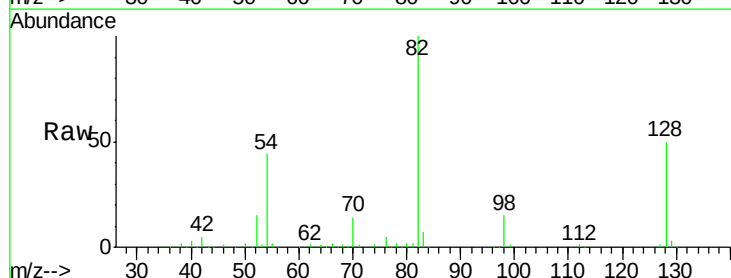
Instrument :
BNA_F
ClientSampleId :
PJ-SB-5(21.0-21.5)

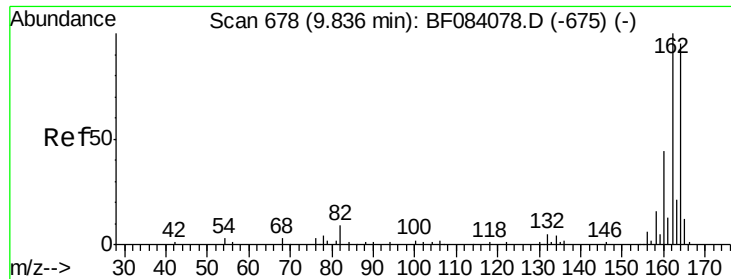
Tgt Ion:	136	Resp:	178966
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	4.4	5.8	8.8#
68	3.3	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 106.67 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF084122.D
Acq: 25 Dec 2015 11:40

Tgt Ion:	82	Resp:	326123
Ion	Ratio	Lower	Upper
82	100		
128	50.3	34.6	51.8
54	43.8	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: BF084122.D

Acq: 25 Dec 2015 11:40

Instrument :

BNA_F

ClientSampleId :

PJ-SB-5(21.0-21.5)

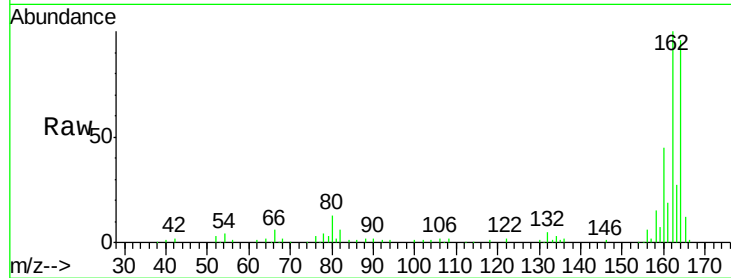
Tgt Ion:164 Resp: 89188

Ion Ratio Lower Upper

164 100

162 104.5 85.1 127.7

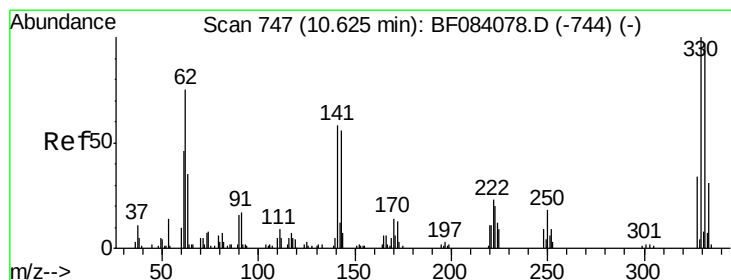
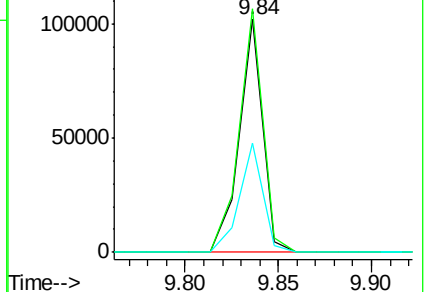
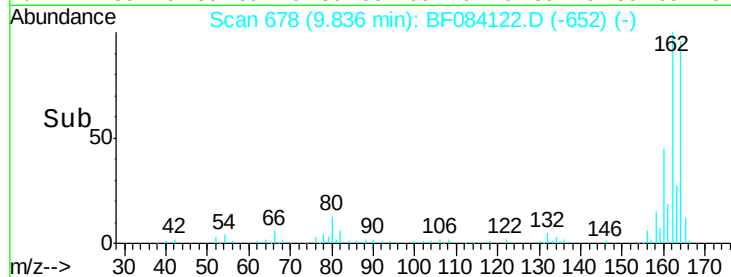
160 47.1 37.5 56.3



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: 129.10 ng

RT: 10.62 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

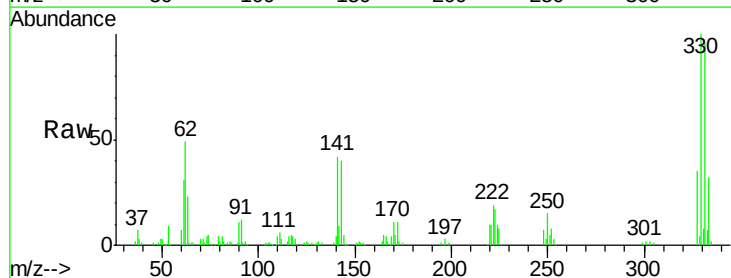
Tgt Ion:330 Resp: 122785

Ion Ratio Lower Upper

330 100

332 96.5 76.6 114.8

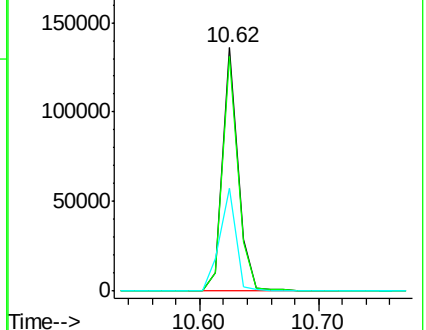
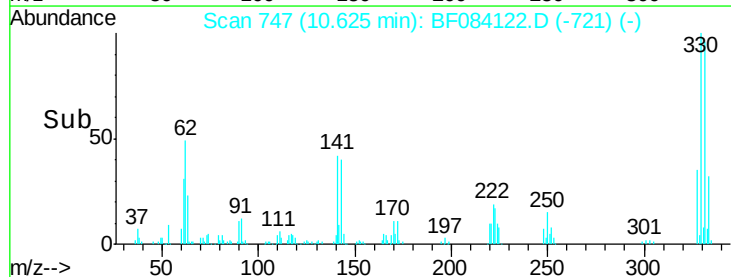
141 44.6 27.8 41.6#

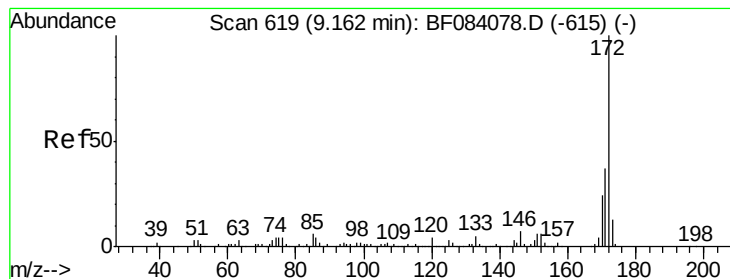


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 90.50 ng

RT: 9.16 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

Instrument :

BNA_F

ClientSampleId :

PJ-SB-5(21.0-21.5)

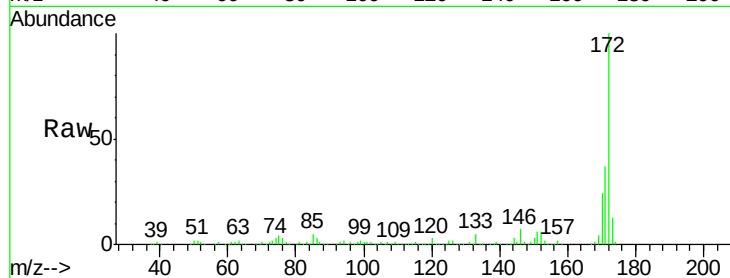
Tgt Ion:172 Resp: 589912

Ion Ratio Lower Upper

172 100

171 36.7 28.9 43.3

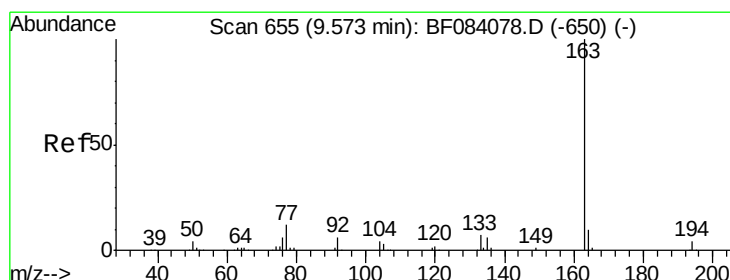
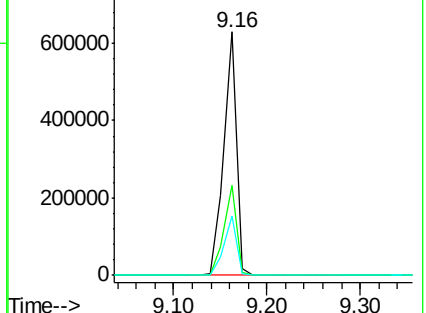
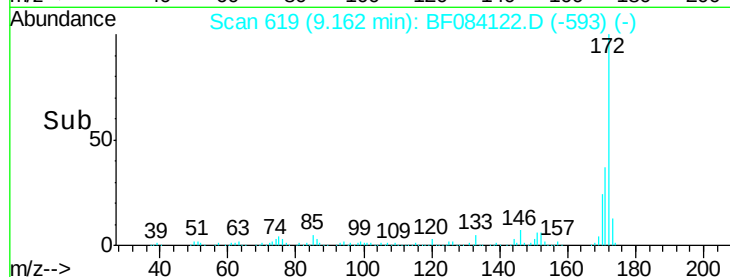
170 24.2 18.6 27.8



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



#49

Dimethylphthalate

Concen: 12.60 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

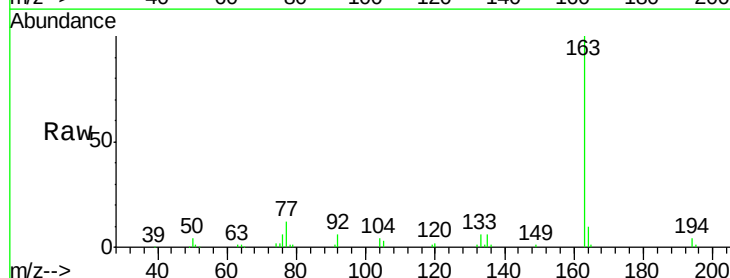
Tgt Ion:163 Resp: 93093

Ion Ratio Lower Upper

163 100

194 3.8 8.0 12.0#

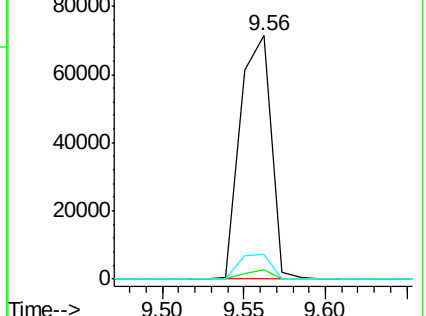
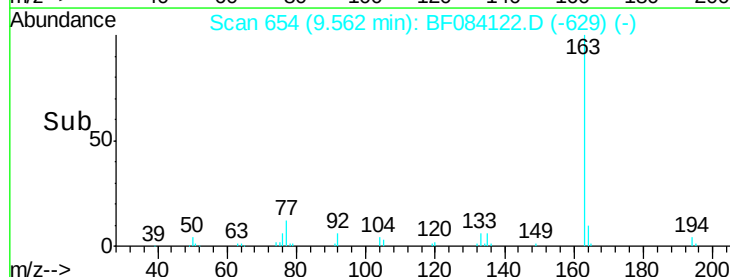
164 10.0 8.0 12.0

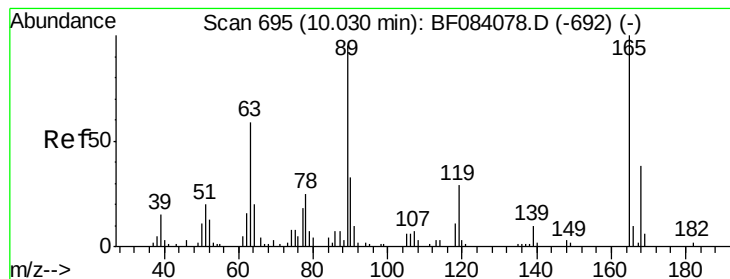


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.56 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.19 min

Lab File: BF084122.D

Acq: 25 Dec 2015 11:40

Instrument :

BNA_F

ClientSampleId :

PJ-SB-5(21.0-21.5)

Tgt Ion:165 Resp: 11501

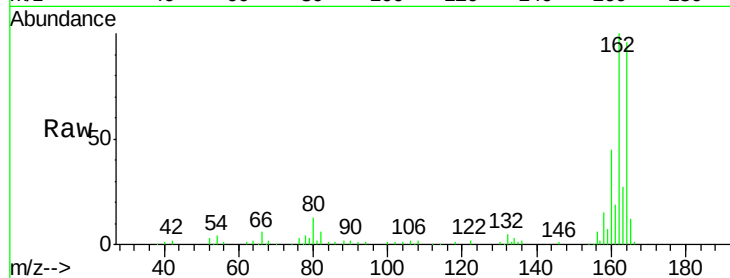
Ion Ratio Lower Upper

165 100

63 0.0 36.7 55.1#

89 0.0 61.9 92.9#

182 0.0 2.0 3.0#

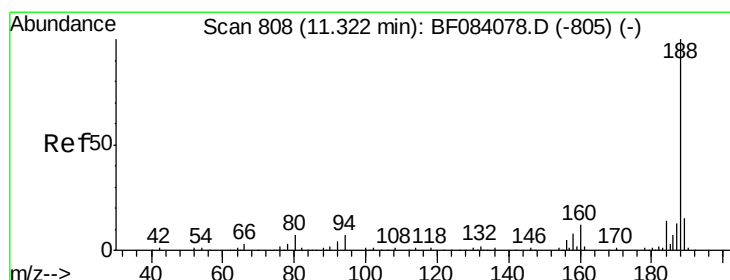
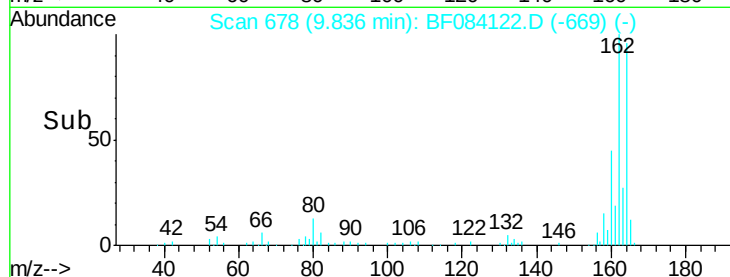
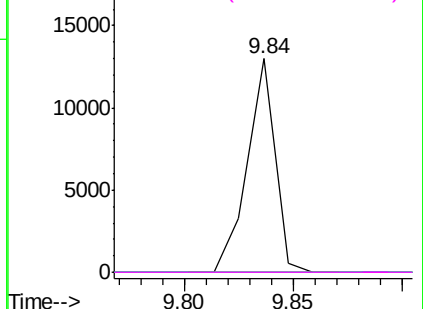


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF084122.D

Acq: 25 Dec 2015 11:40

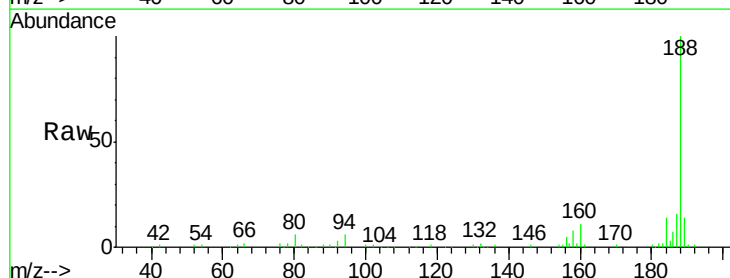
Tgt Ion:188 Resp: 155880

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.4#

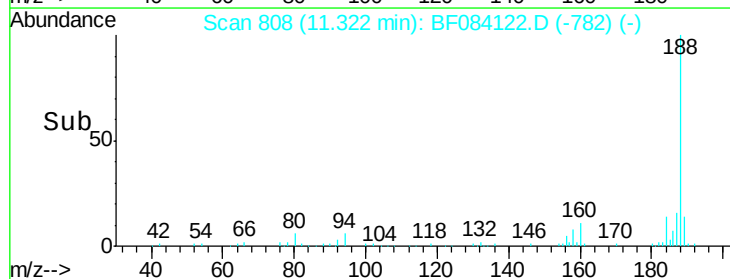
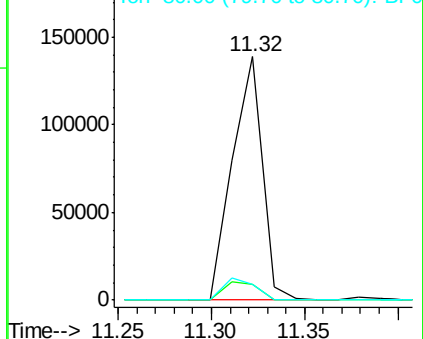
80 6.2 9.6 14.4#

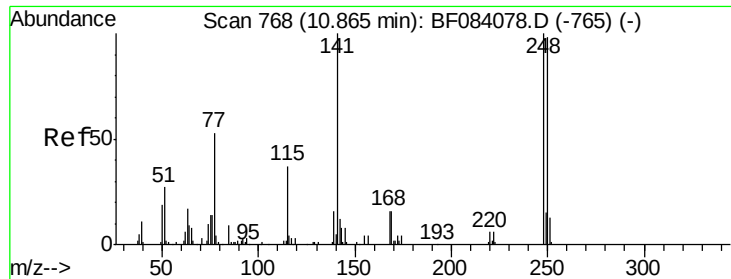


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

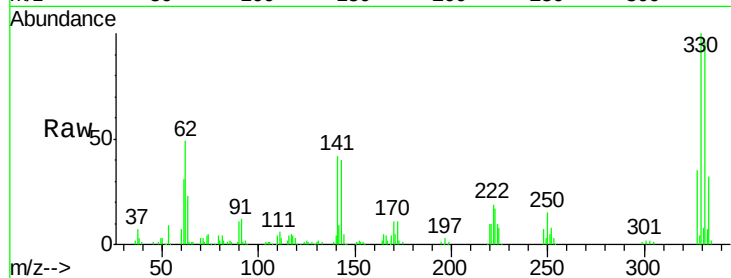




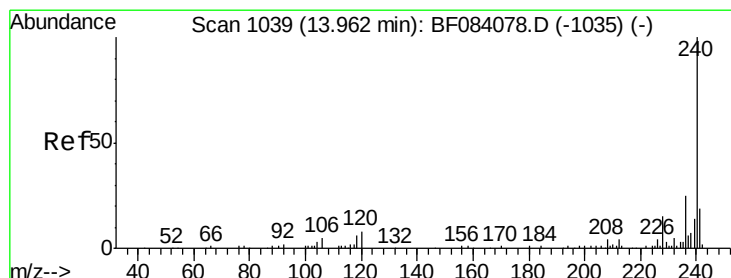
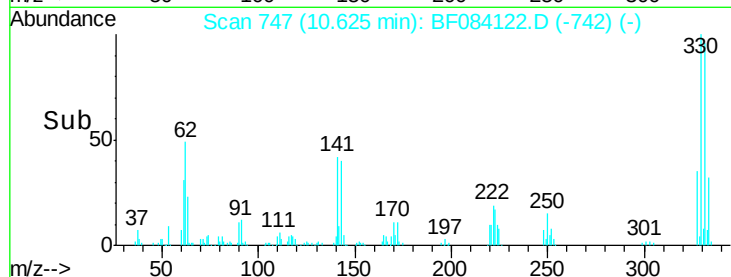
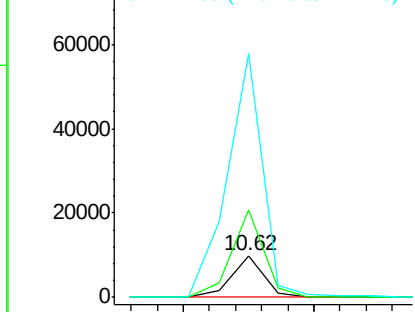
#66
 4-Bromophenyl-phenylether
 Concen: 4.76 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084122.D
 Acq: 25 Dec 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(21.0-21.5)

Tgt Ion:248 Resp: 8587
 Ion Ratio Lower Upper
 248 100
 250 210.7 78.4 117.6#
 141 583.9 44.0 66.0#

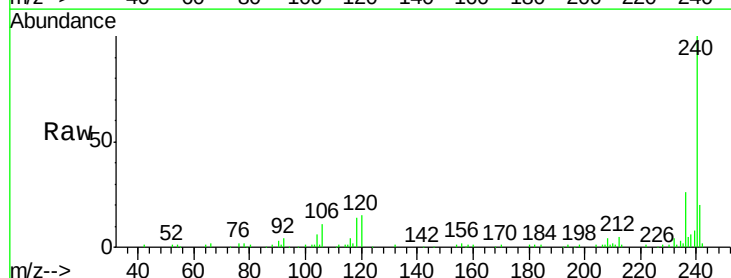


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

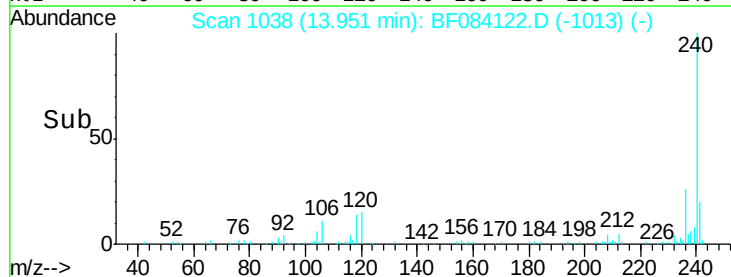
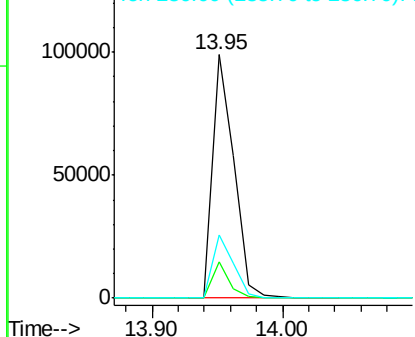


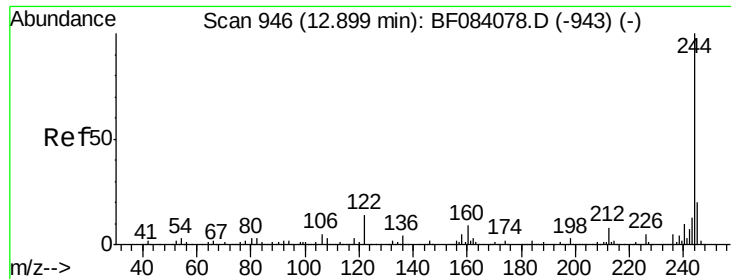
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084122.D
 Acq: 25 Dec 2015 11:40

Tgt Ion:240 Resp: 113016
 Ion Ratio Lower Upper
 240 100
 120 15.0 9.5 14.3#
 236 25.9 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

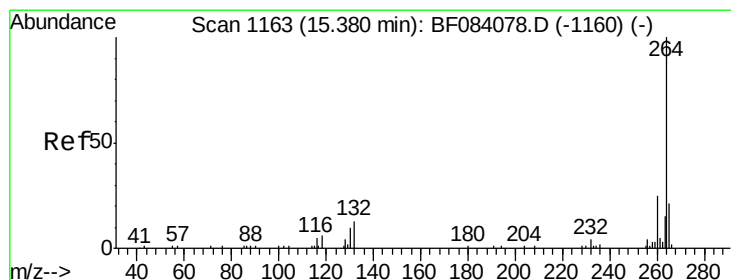
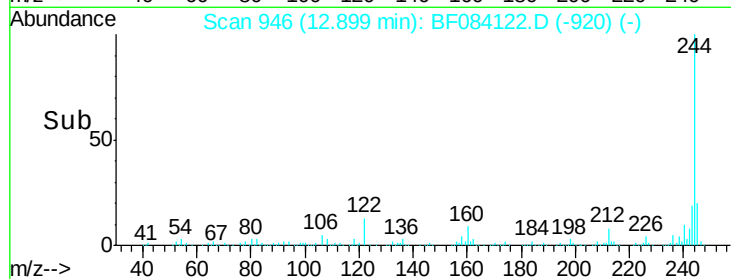
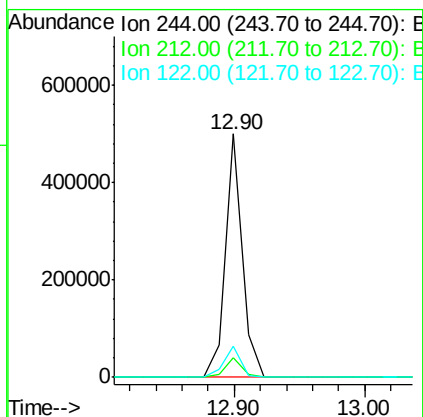
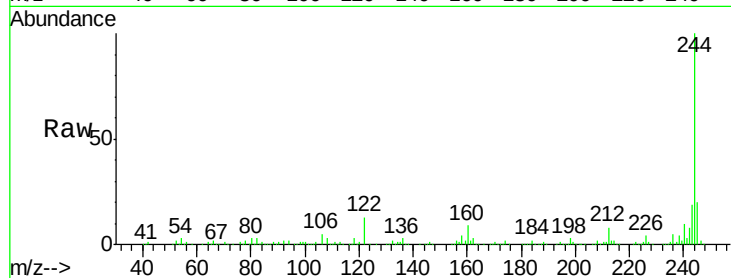




#78
 Terphenyl-d14
 Concen: 72.29 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084122.D
 Acq: 25 Dec 2015 11:40

Instrument :
 BNA_F
 ClientSampleId :
 PJ-SB-5(21.0-21.5)

Tgt Ion:244 Resp: 451524
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 12.8 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084122.D
 Acq: 25 Dec 2015 11:40

Tgt Ion:264 Resp: 93799
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.4 29.2
 265 21.6 17.8 26.6

