

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084103.D
 Acq On : 25 Dec 2015 2:40
 Operator : UM/SJ
 Sample : G4957-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EP001

Quant Time: Dec 25 05:51:34 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

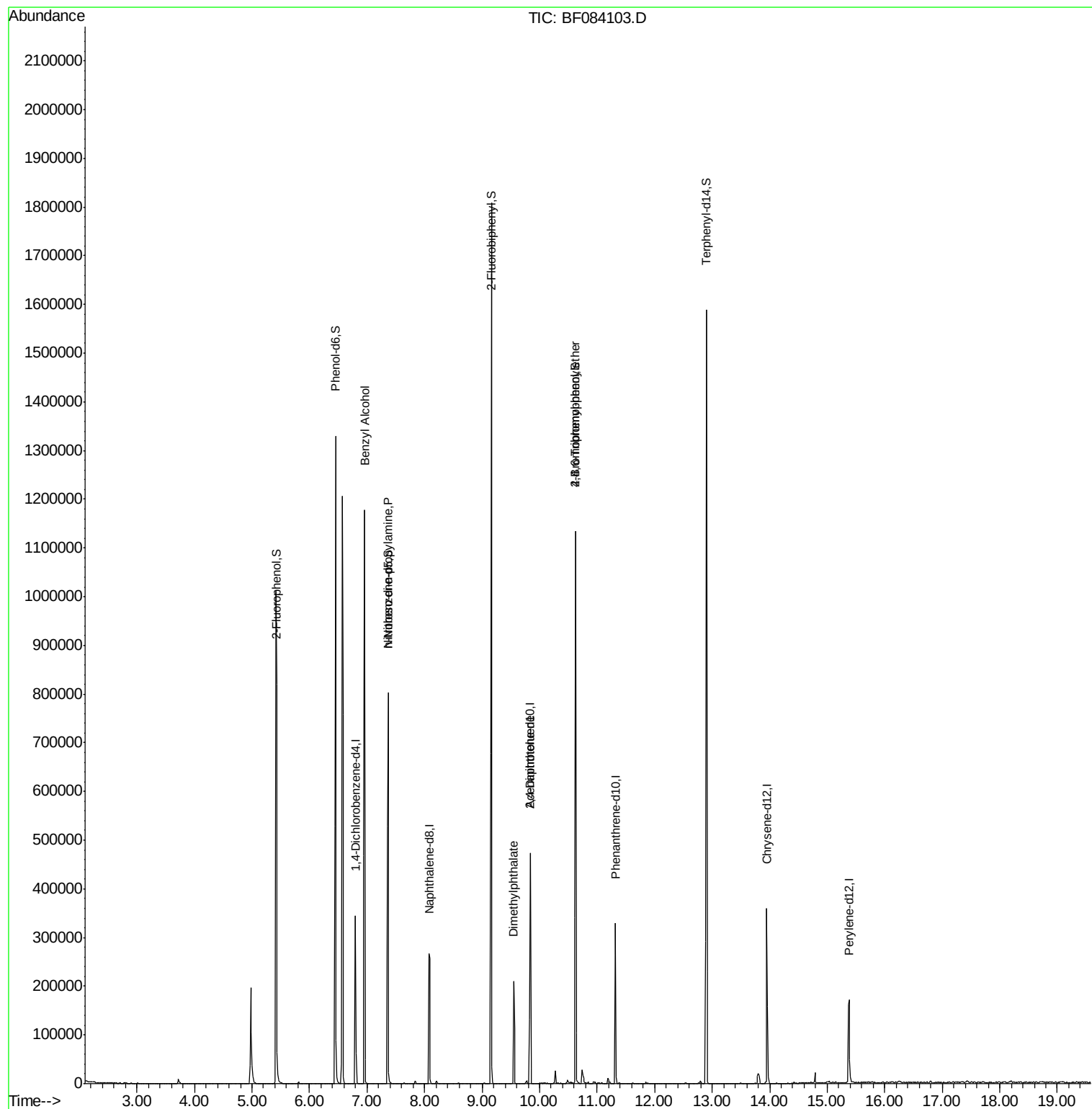
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	49792	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	190381	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	96663	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	166338	20.00	ng	0.00
75) Chrysene-d12	13.95	240	139270	20.00	ng	-0.01
86) Perylene-d12	15.38	264	106173	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	413389	140.76	ng	0.01
7) Phenol-d6	6.45	99	491072	135.13	ng	0.00
23) Nitrobenzene-d5	7.37	82	327284	100.63	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	131661	127.73	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	597343	84.55	ng	0.00
78) Terphenyl-d14	12.90	244	463645	60.24	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.96	79	5512	2.00	ng	# 41
19) n-Nitroso-di-n-propylamine	7.37	70	45271	20.22	ng	# 74
49) Dimethylphthalate	9.55	163	105114	13.13	ng	# 90
56) 2,4-Dinitrotoluene	9.84	165	12523	5.58	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9399	4.88	ng	# 1
74) Fluoranthene	12.53	202	2735	Below Cal		63

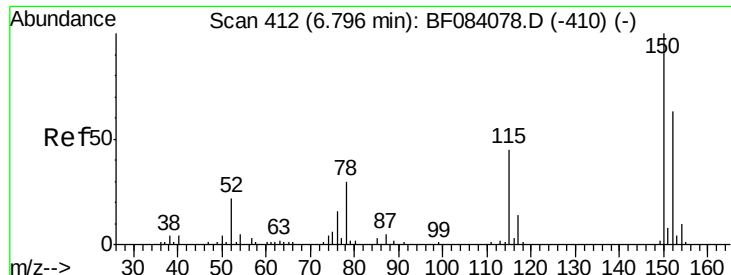
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084103.D

Acq: 25 Dec 2015 2:40

Instrument :

BNA_F

ClientSampleId :

EP001

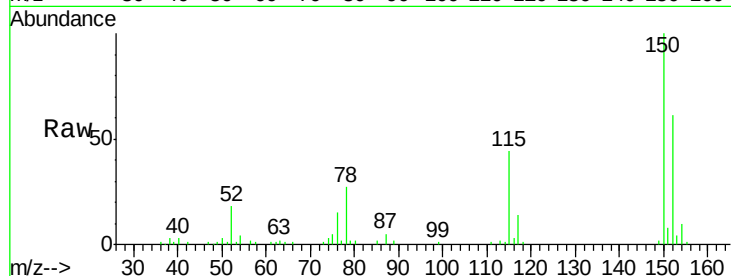
Tgt Ion:152 Resp: 49792

Ion Ratio Lower Upper

152 100

150 163.1 123.0 184.4

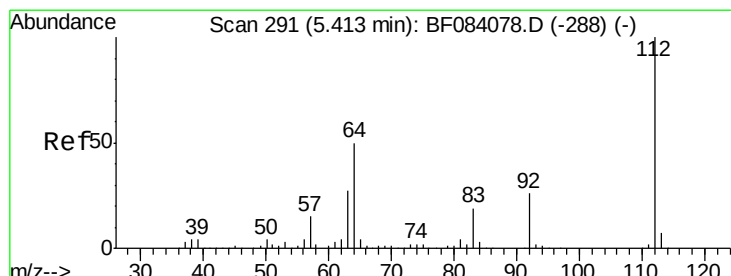
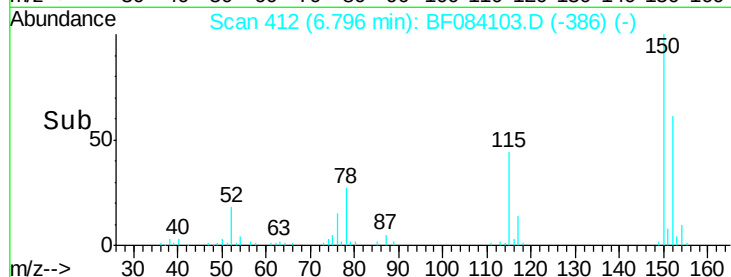
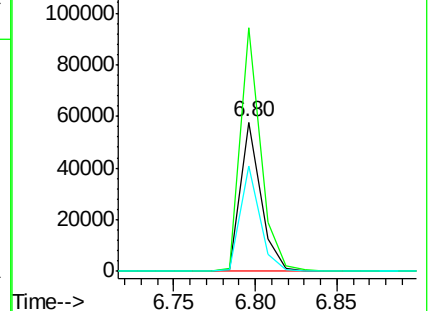
115 71.0 51.4 77.2



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: 140.76 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084103.D

Acq: 25 Dec 2015 2:40

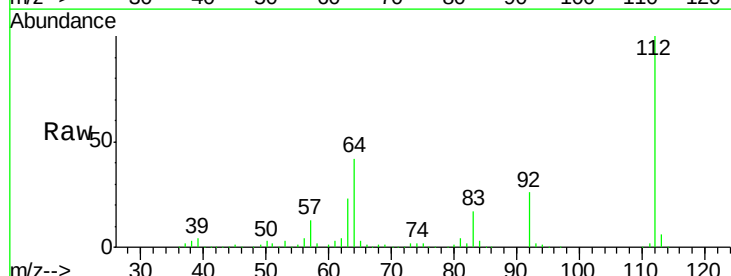
Tgt Ion:112 Resp: 413389

Ion Ratio Lower Upper

112 100

64 41.9 36.6 55.0

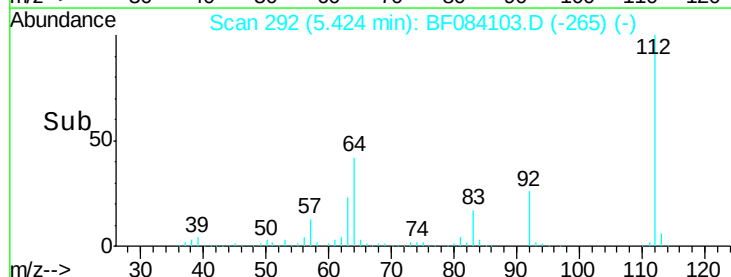
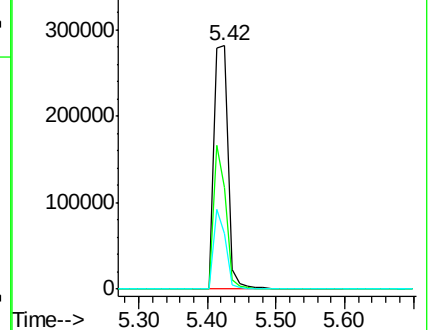
63 22.8 19.4 29.0

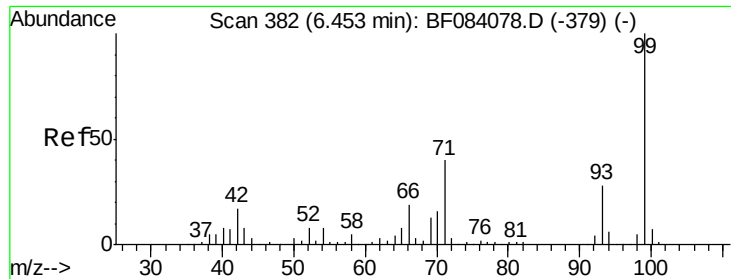


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.13 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084103.D

Acq: 25 Dec 2015 2:40

Instrument :

BNA_F

ClientSampleId :

EP001

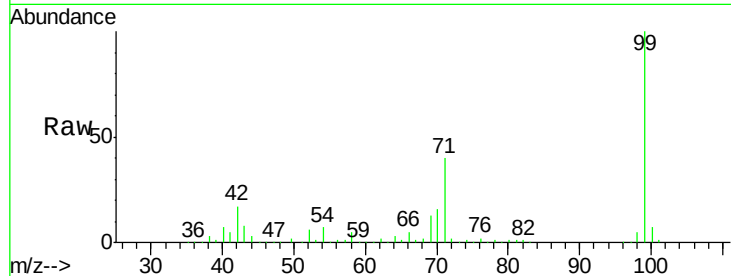
Tgt Ion: 99 Resp: 491072

Ion Ratio Lower Upper

99 100

42 16.6 12.8 19.2

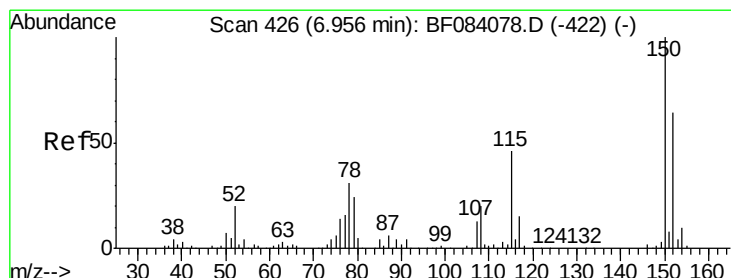
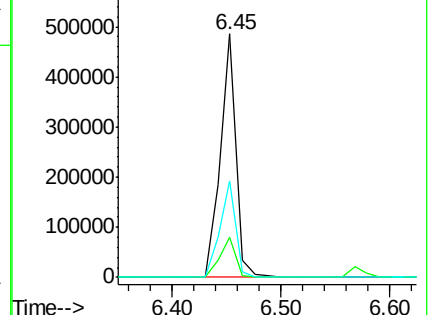
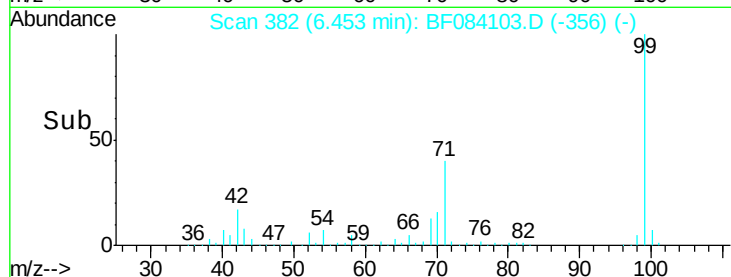
71 39.7 30.9 46.3



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



#15

Benzyl Alcohol

Concen: 2.00 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084103.D

Acq: 25 Dec 2015 2:40

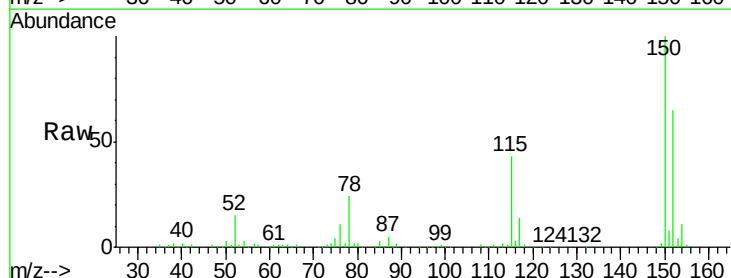
Tgt Ion: 79 Resp: 5512

Ion Ratio Lower Upper

79 100

108 34.3 69.0 103.4#

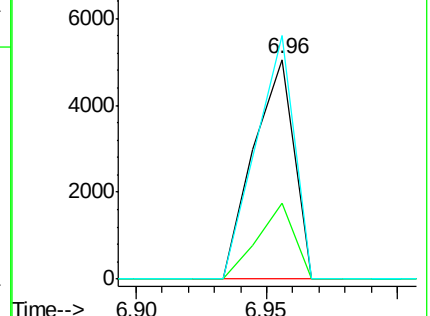
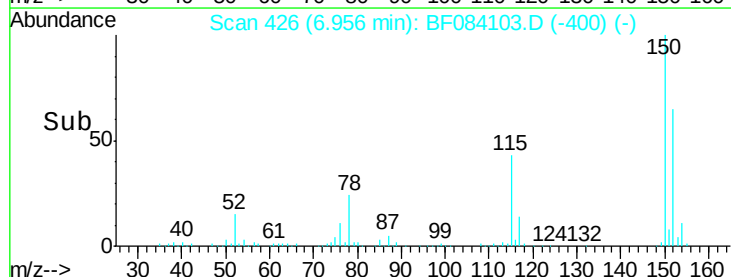
77 110.7 50.0 75.0#

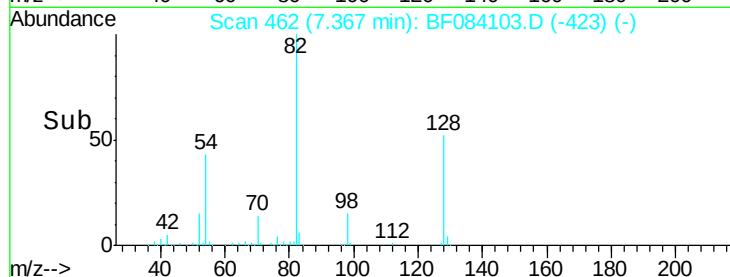
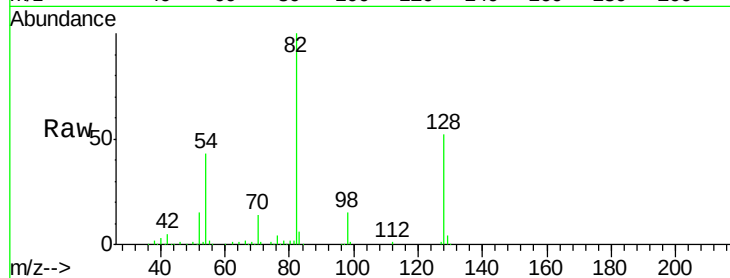
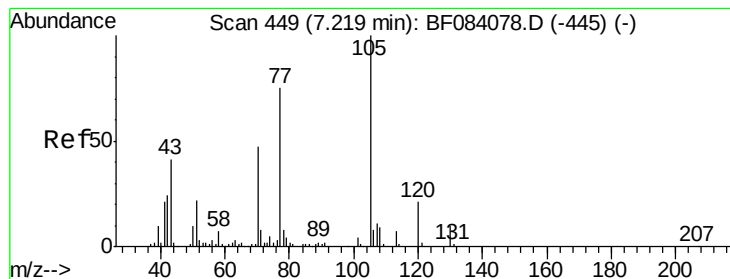


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 20.22 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.15 min

Lab File: BF084103.D

Acq: 25 Dec 2015 2:40

Instrument :

BNA_F

ClientSampleId :

EP001

Tgt Ion: 70 Resp: 45271

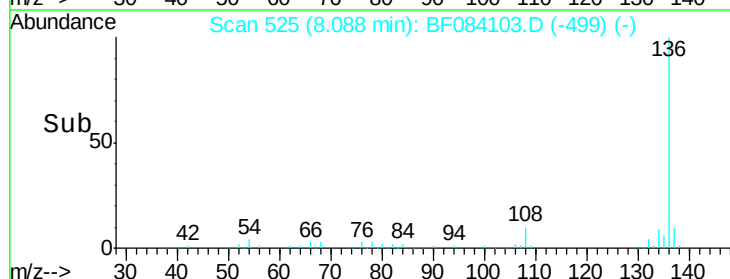
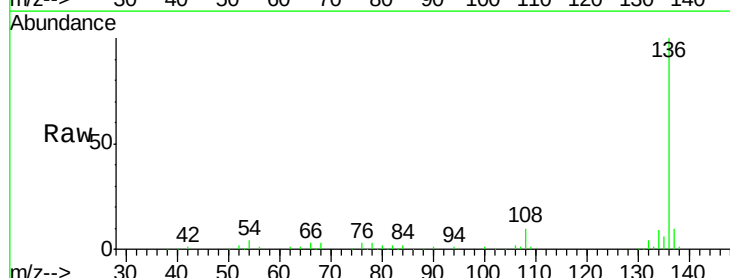
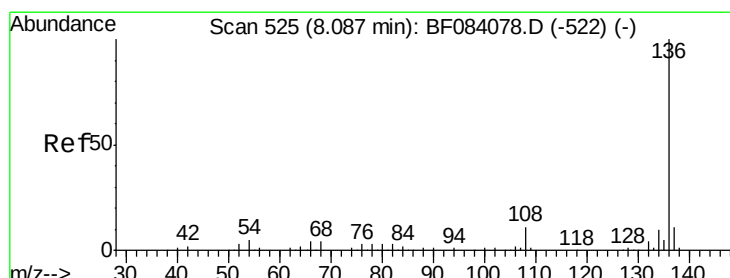
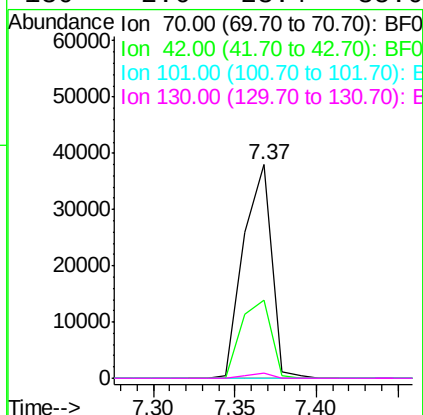
Ion Ratio Lower Upper

70 100

42 36.6 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: BF084103.D

Acq: 25 Dec 2015 2:40

Tgt Ion: 136 Resp: 190381

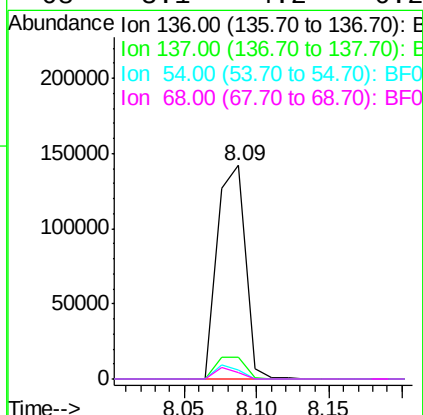
Ion Ratio Lower Upper

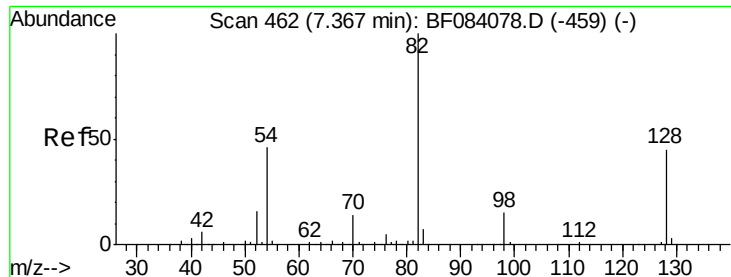
136 100

137 10.1 8.7 13.1

54 4.2 5.8 8.8#

68 3.1 4.2 6.2#

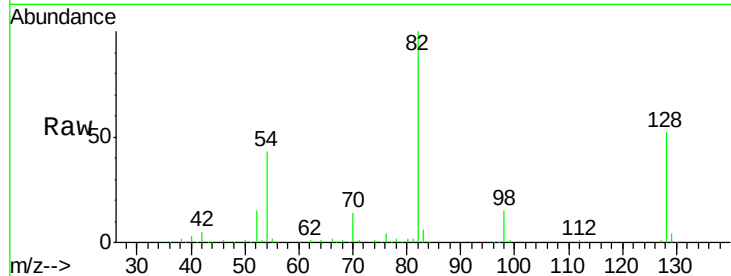




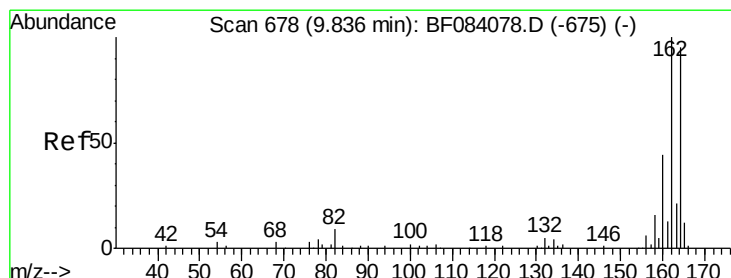
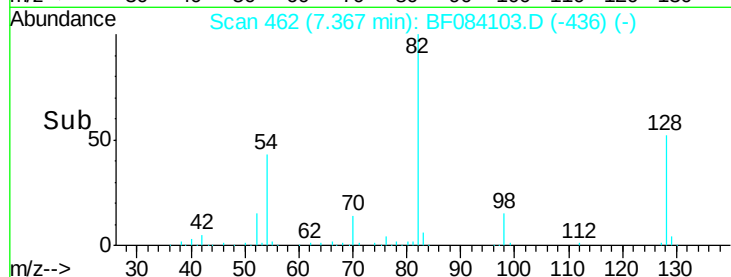
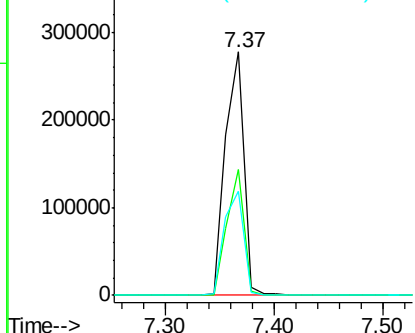
#23
 Nitrobenzene-d5
 Concen: 100.63 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 EP001

Tgt Ion: 82 Resp: 327284
 Ion Ratio Lower Upper
 82 100
 128 51.7 34.6 51.8
 54 42.9 38.4 57.6

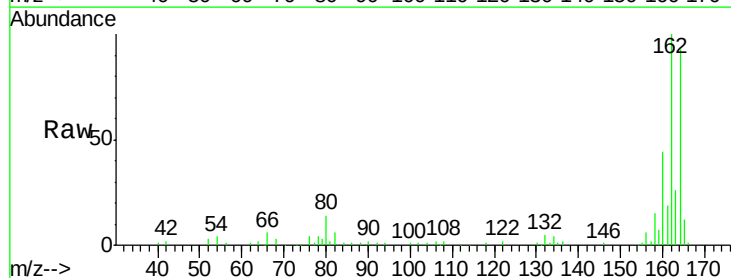


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

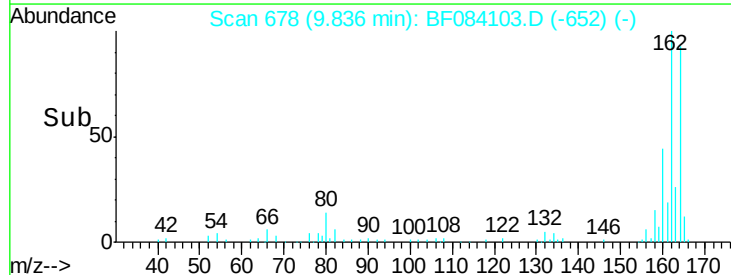
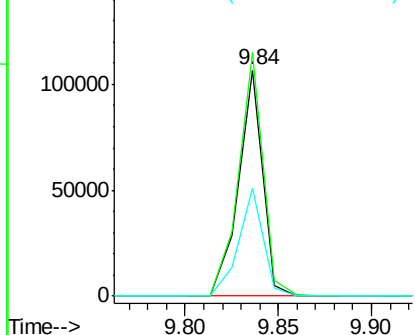


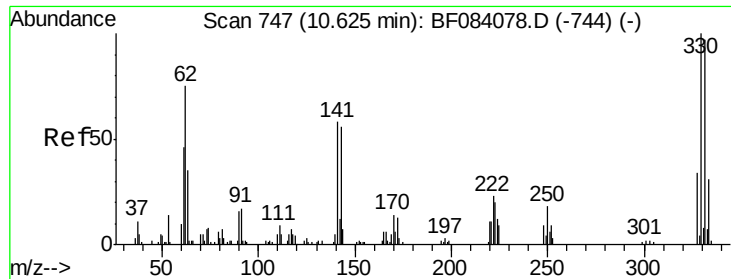
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

Tgt Ion: 164 Resp: 96663
 Ion Ratio Lower Upper
 164 100
 162 107.7 85.1 127.7
 160 47.5 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

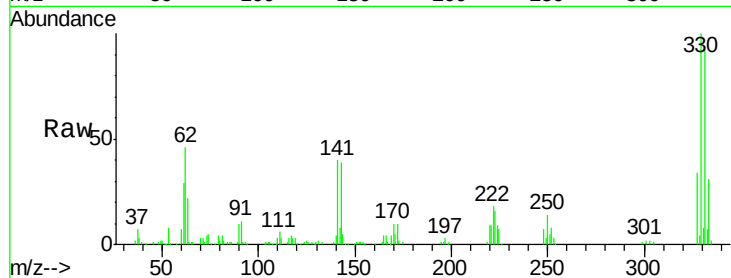




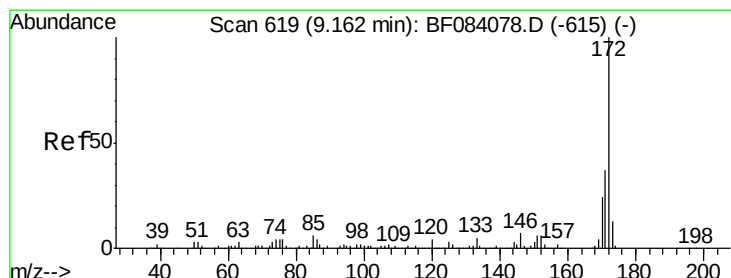
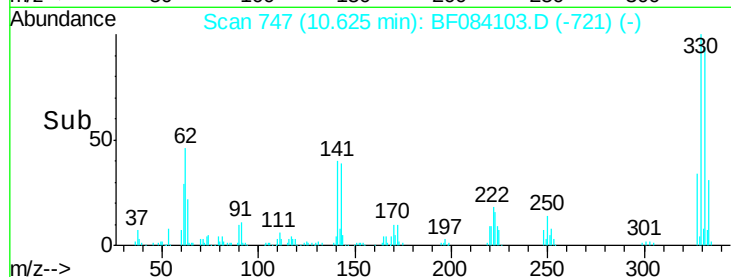
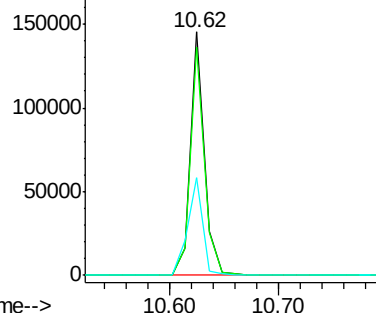
#41
 2,4,6-Tribromophenol
 Concen: 127.73 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

Instrument :
 BNA_F
 ClientSampleId :
 EP001

Tgt Ion:330 Resp: 131661
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 114.8
 141 43.2 27.8 41.6#

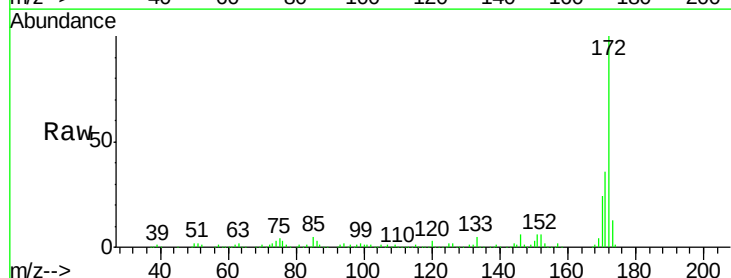


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

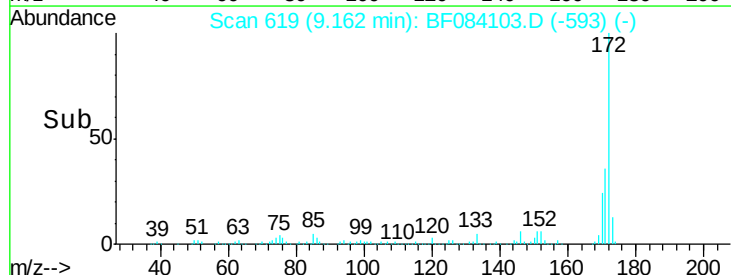
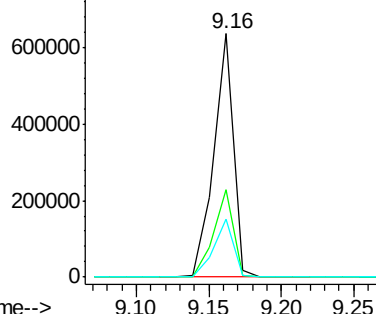


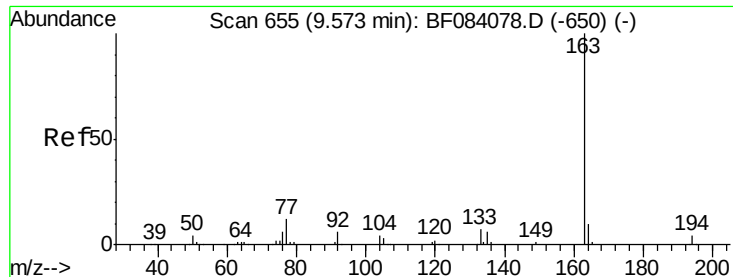
#44
 2-Fluorobiphenyl
 Concen: 84.55 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

Tgt Ion:172 Resp: 597343
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.9 43.3
 170 23.7 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

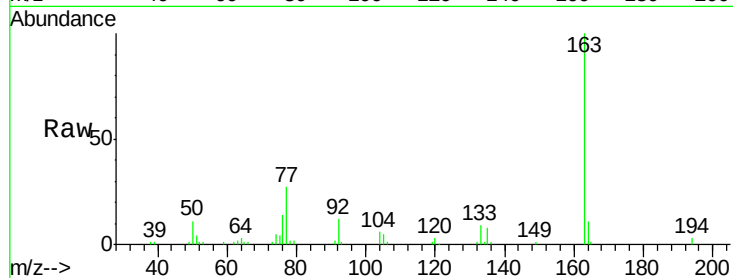




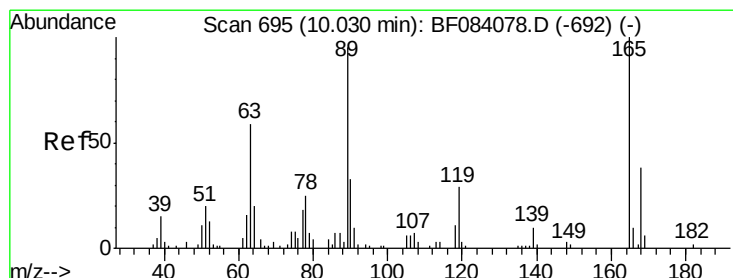
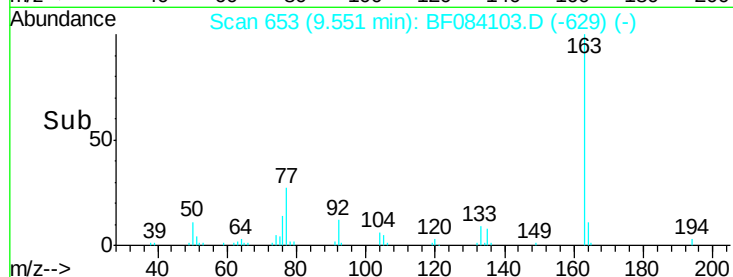
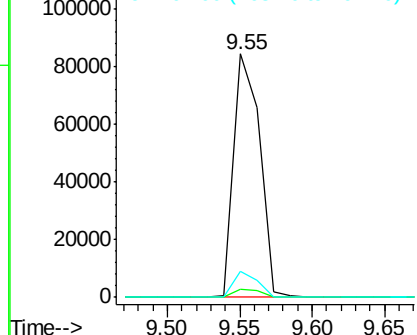
#49
Dimethylphthalate
Concen: 13.13 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.02 min
Lab File: BF084103.D
Acq: 25 Dec 2015 2:40

Instrument :
BNA_F
ClientSampleId :
EP001

Tgt Ion:163 Resp: 105114
Ion Ratio Lower Upper
163 100
194 3.3 8.0 12.0#
164 10.7 8.0 12.0

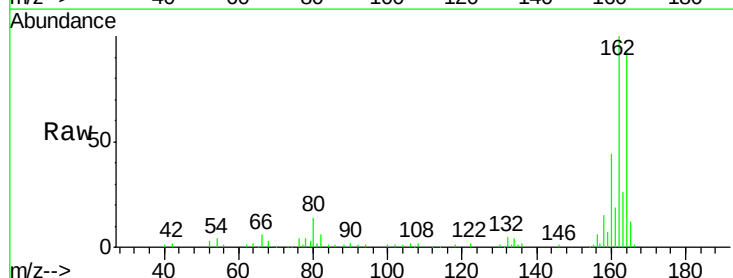


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

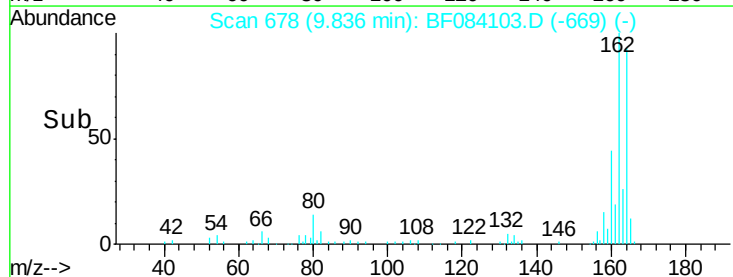
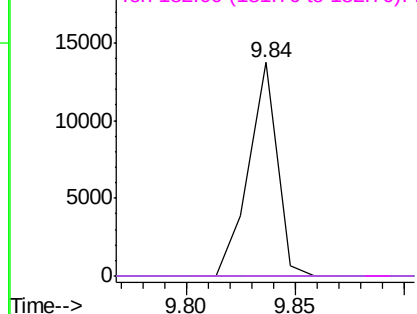


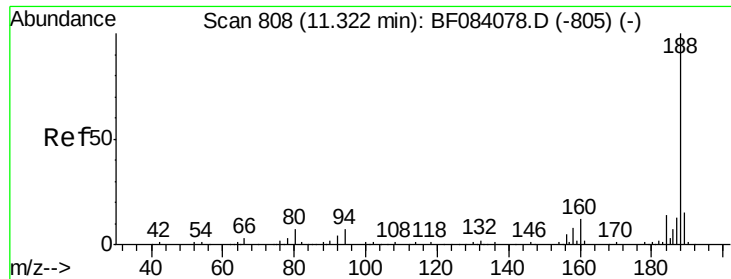
#56
2,4-Dinitrotoluene
Concen: 5.58 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.19 min
Lab File: BF084103.D
Acq: 25 Dec 2015 2:40

Tgt Ion:165 Resp: 12523
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

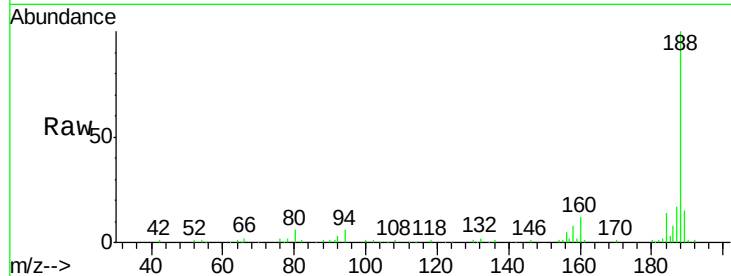




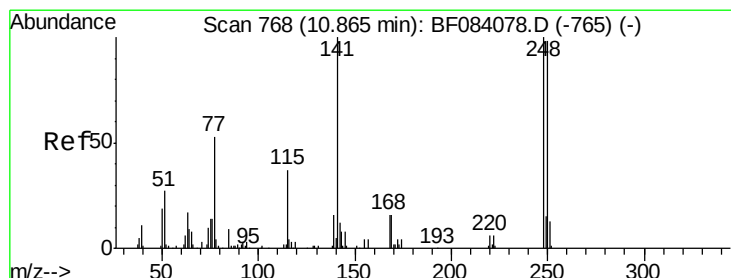
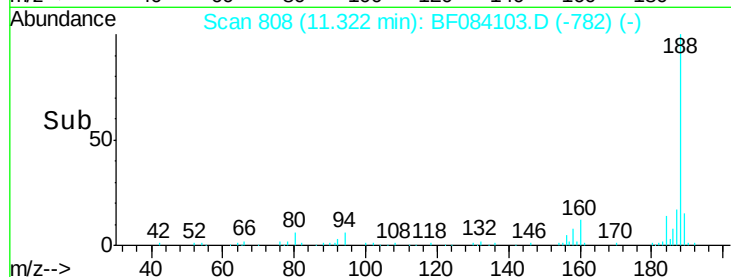
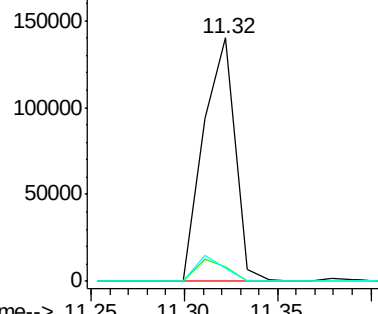
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084103.D
Acq: 25 Dec 2015 2:40

Instrument :
BNA_F
ClientSampleId :
EP001

Tgt Ion:188 Resp: 166338
Ion Ratio Lower Upper
188 100
94 6.1 9.0 13.4#
80 5.7 9.6 14.4#

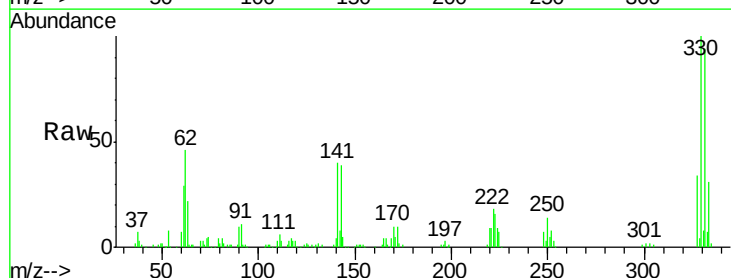


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

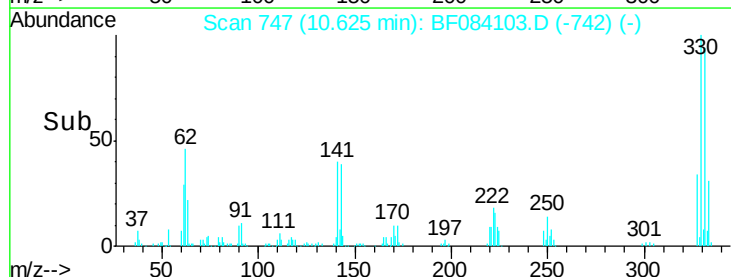
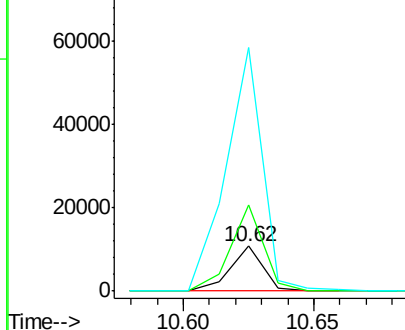


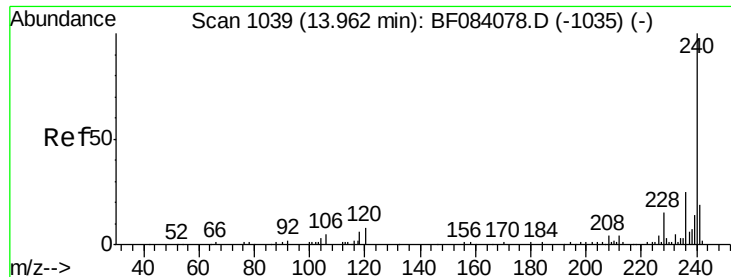
#66
4-Bromophenyl-phenylether
Concen: 4.88 ng
RT: 10.62 min Scan# 747
Delta R.T. -0.24 min
Lab File: BF084103.D
Acq: 25 Dec 2015 2:40

Tgt Ion:248 Resp: 9399
Ion Ratio Lower Upper
248 100
250 192.7 78.4 117.6#
141 544.4 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

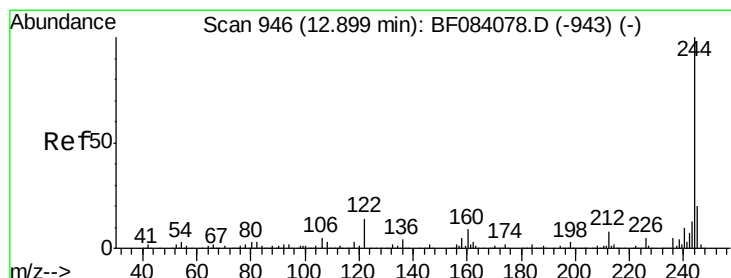
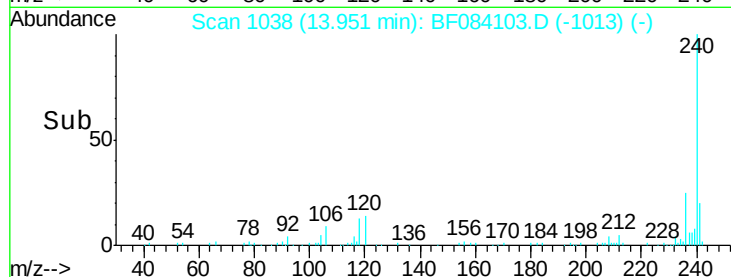
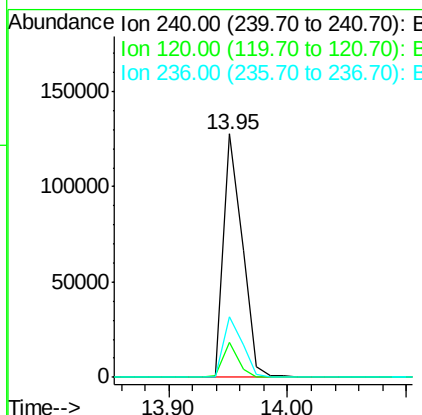
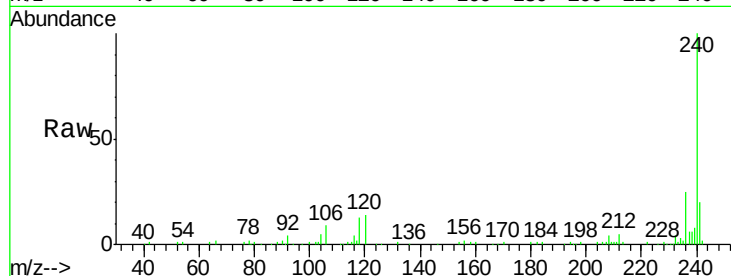




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

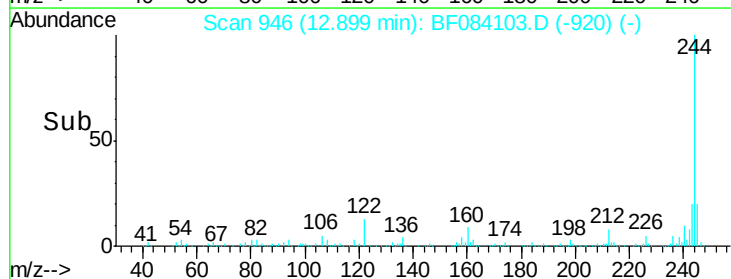
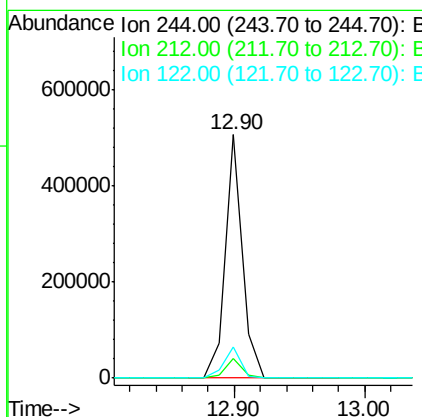
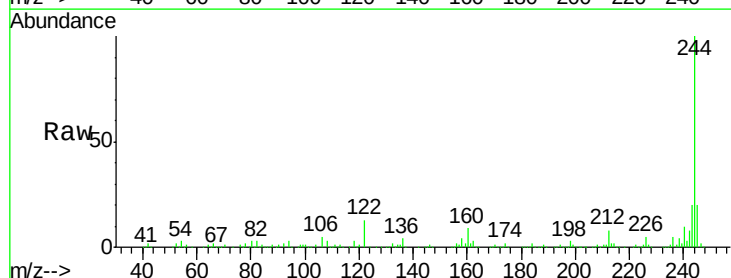
Instrument :
 BNA_F
 ClientSampleId :
 EP001

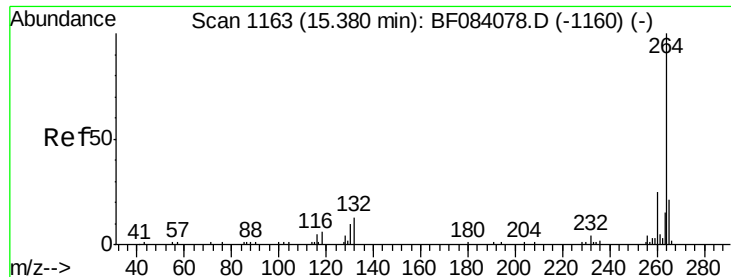
Tgt Ion: 240 Resp: 139270
 Ion Ratio Lower Upper
 240 100
 120 14.2 9.5 14.3
 236 25.1 20.6 31.0



#78
 Terphenyl-d14
 Concen: 60.24 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084103.D
 Acq: 25 Dec 2015 2:40

Tgt Ion: 244 Resp: 463645
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.7 8.5
 122 13.0 7.4 11.0#

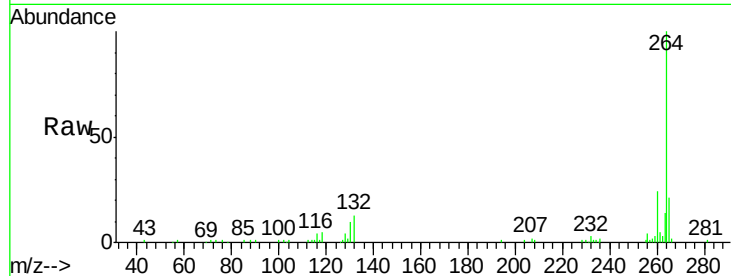




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084103.D
Acq: 25 Dec 2015 2:40

Instrument :
BNA_F
ClientSampleId :
EP001

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.2
265	20.9	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

