

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031016\
 Data File : BF085358.D
 Acq On : 11 Mar 2016 3:10
 Operator : UM/SJ
 Sample : H1623-07RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 11 04:36:11 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 11 02:49:26 2016
 Response via : Initial Calibration

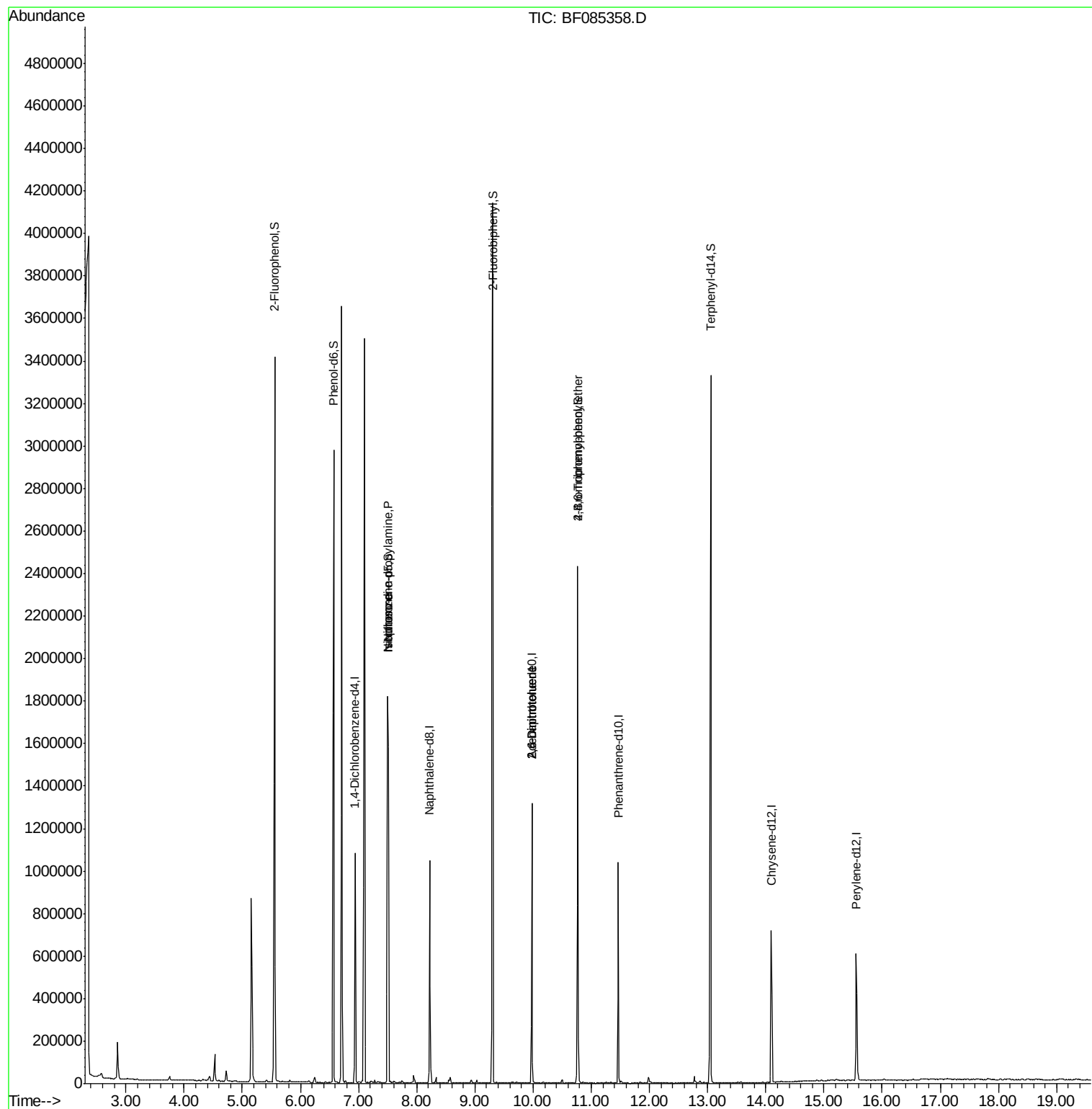
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	148358	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	540742	20.00	ng	-0.01
38) Acenaphthene-d10	9.98	164	247635	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	413677	20.00	ng	0.00
75) Chrysene-d12	14.09	240	296108	20.00	ng	-0.01
86) Perylene-d12	15.56	264	308120	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1144971	129.45	ng	0.01
7) Phenol-d6	6.57	99	1316617	113.62	ng	0.00
23) Nitrobenzene-d5	7.50	82	933111	92.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.77	330	304482	143.70	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	1689955	103.79	ng	0.00
78) Terphenyl-d14	13.05	244	1297170	101.69	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	119999	15.89	ng	# 77
25) Isophorone	7.50	82	929622	49.64	ng	# 67
50) 2,6-Dinitrotoluene	9.98	165	31919	7.85	ng	# 26
56) 2,4-Dinitrotoluene	9.98	165	31921	6.13	ng	# 22
66) 4-Bromophenyl-phenylether	10.77	248	21948	5.46	ng	# 1

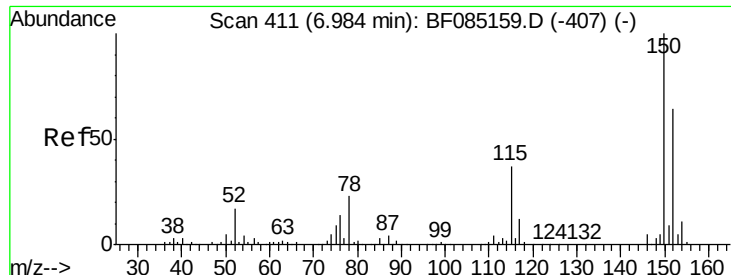
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

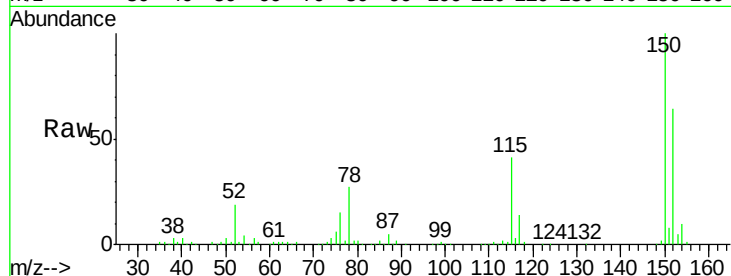
Tot Ion:152 Resp: 148358

Ion Ratio Lower Upper

152 100

150 155.6 124.6 186.8

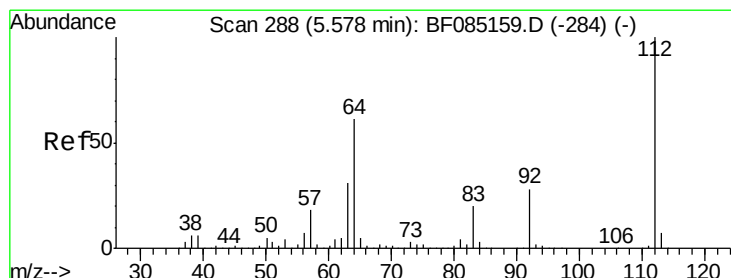
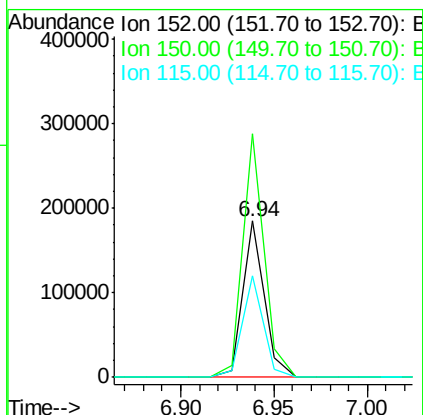
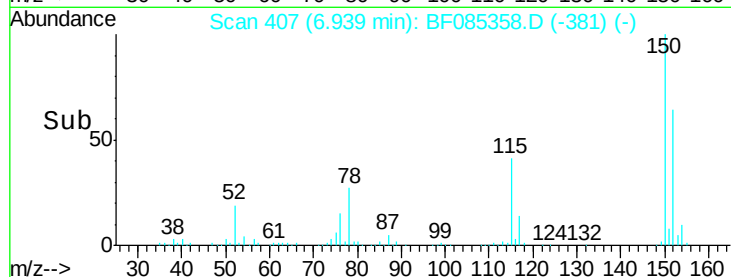
115 64.6 46.6 70.0



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: 129.45 ng

RT: 5.56 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

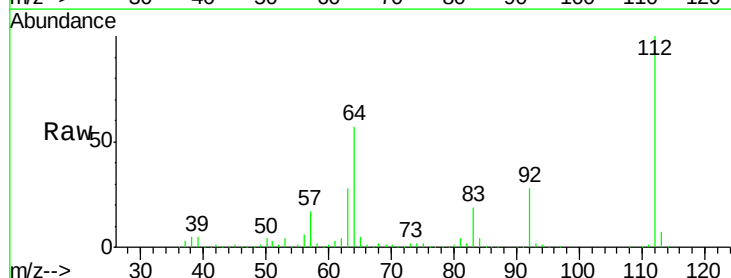
Tgt Ion:112 Resp: 1144971

Ion Ratio Lower Upper

112 100

64 56.5 49.0 73.4

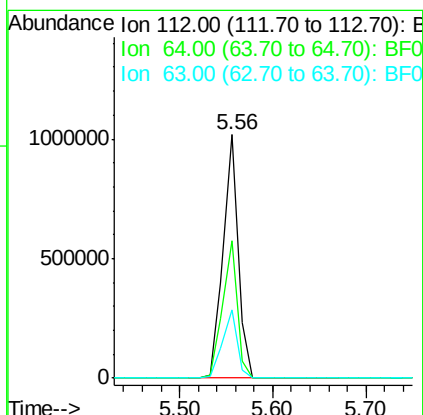
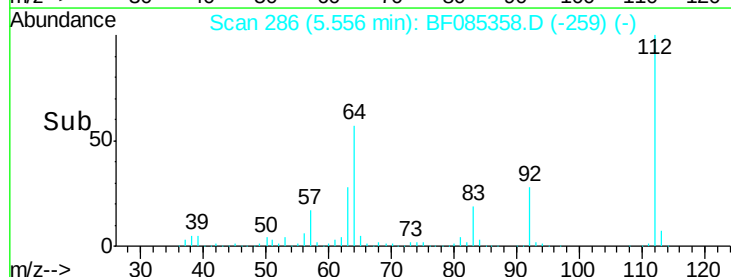
63 28.3 24.8 37.2

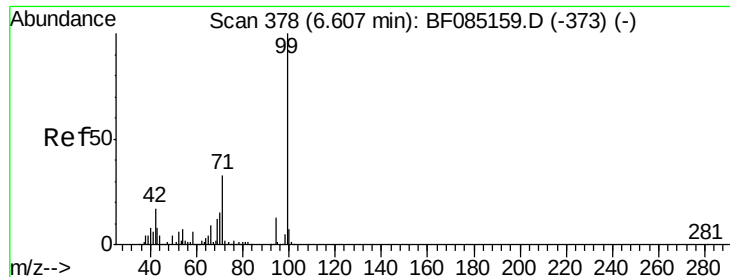


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.62 ng

RT: 6.57 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

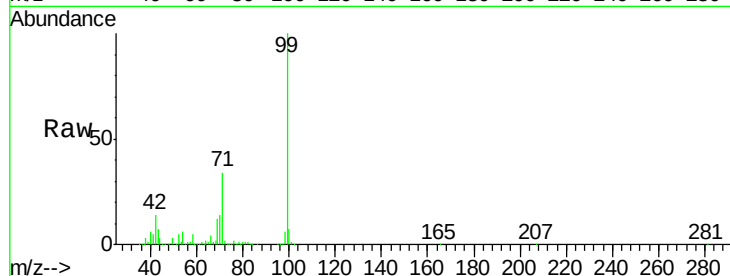
Tot Ion: 99 Resp: 1316617

Ion Ratio Lower Upper

99 100

42 14.4 13.6 20.4

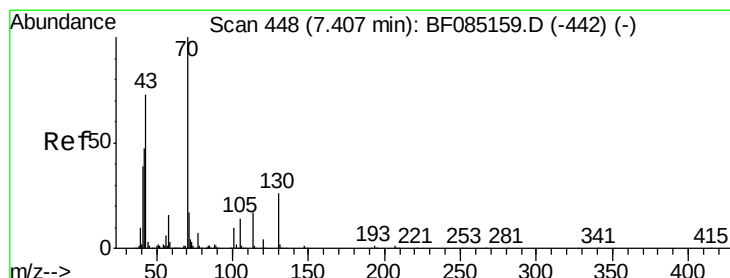
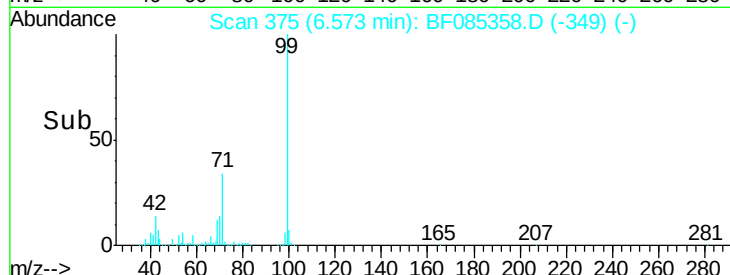
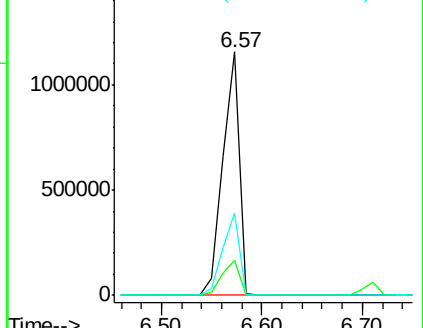
71 33.7 26.7 40.1



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: 15.89 ng

RT: 7.50 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Tgt Ion: 70 Resp: 119999

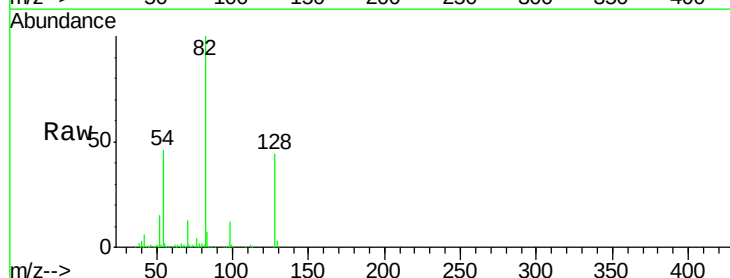
Ion Ratio Lower Upper

70 100

42 41.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.2 20.5 30.7#

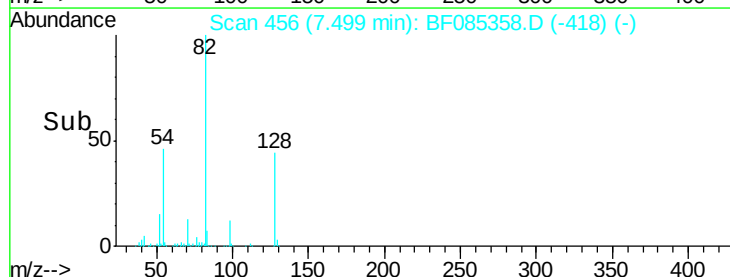
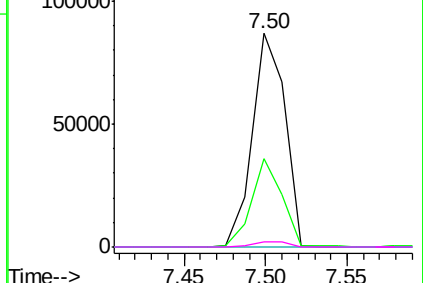


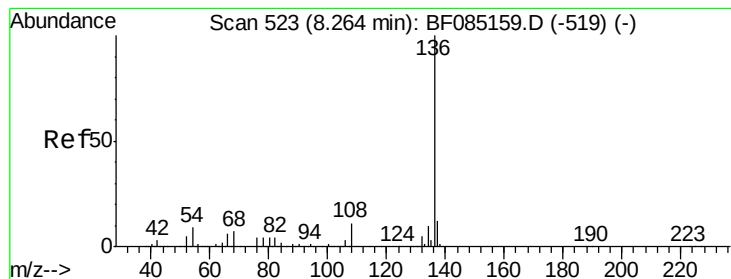
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.22 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 540742

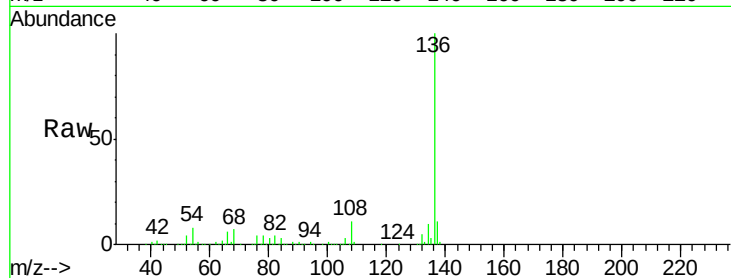
Ion Ratio Lower Upper

136 100

137 11.2 9.3 13.9

54 8.5 7.4 11.2

68 7.0 6.0 9.0

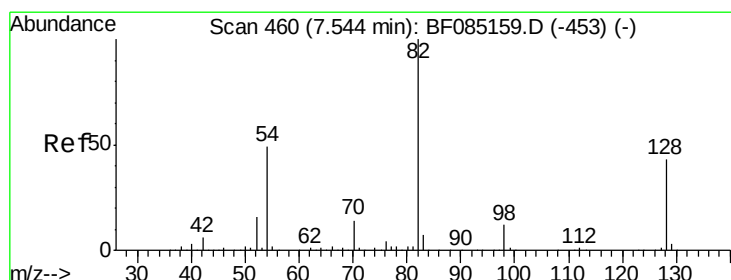
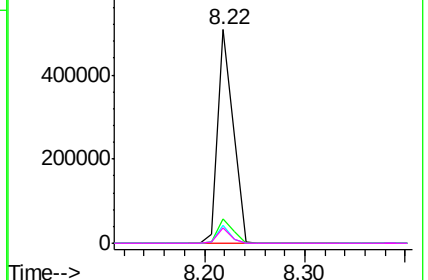
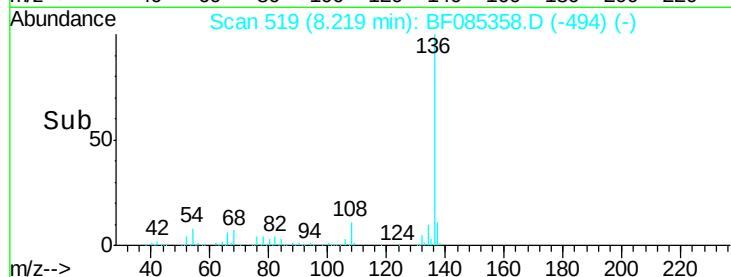


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 92.34 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

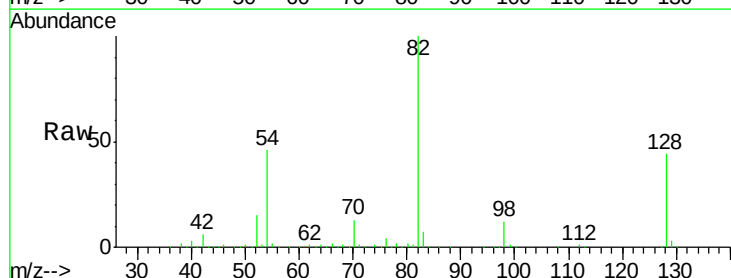
Tgt Ion: 82 Resp: 933111

Ion Ratio Lower Upper

82 100

128 44.3 34.5 51.7

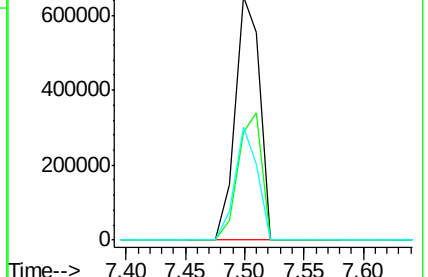
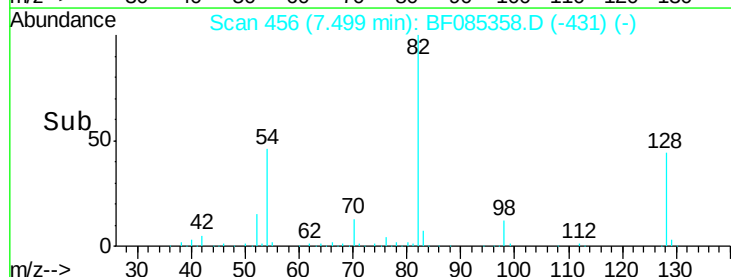
54 46.2 39.3 58.9

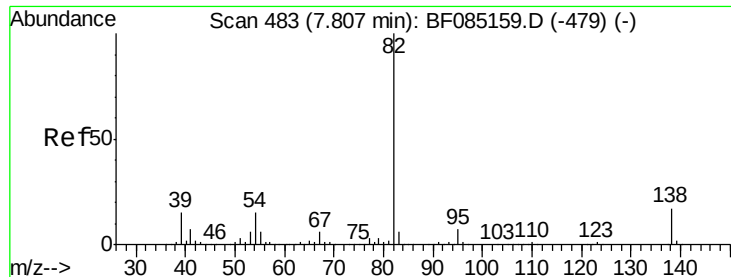


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.64 ng

RT: 7.50 min Scan# 456

Delta R.T. -0.26 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

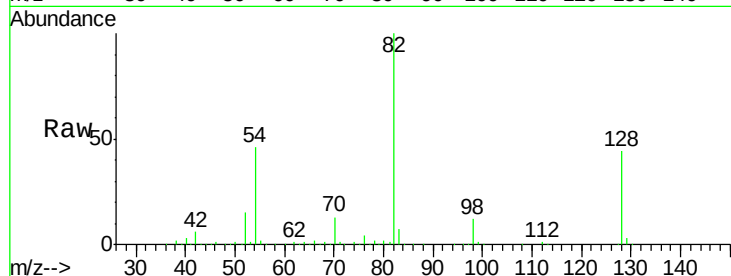
Tot Ion: 82 Resp: 929622

Ion Ratio Lower Upper

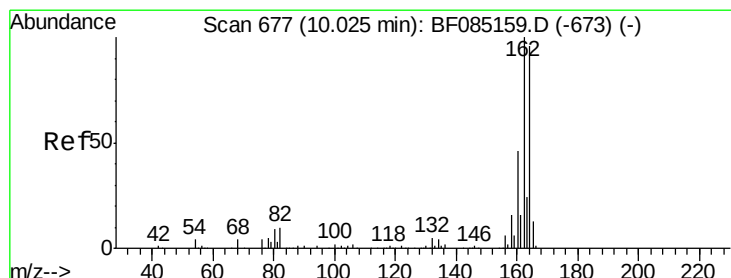
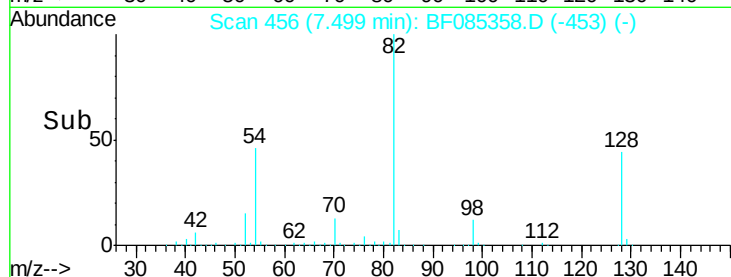
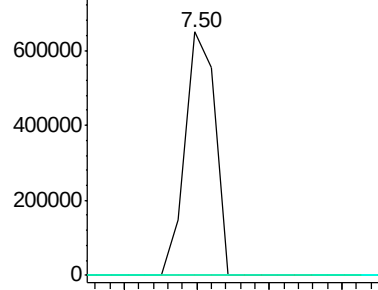
82 100

95 0.0 5.4 8.2#

138 0.0 13.3 19.9#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

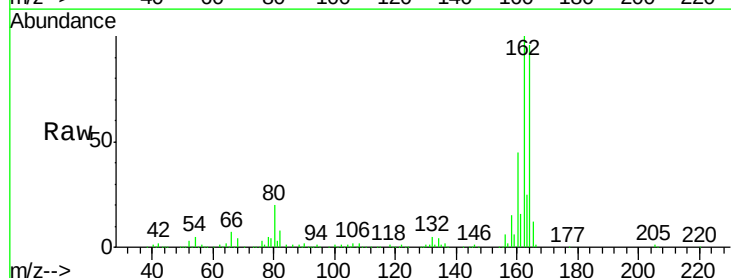
Tgt Ion:164 Resp: 247635

Ion Ratio Lower Upper

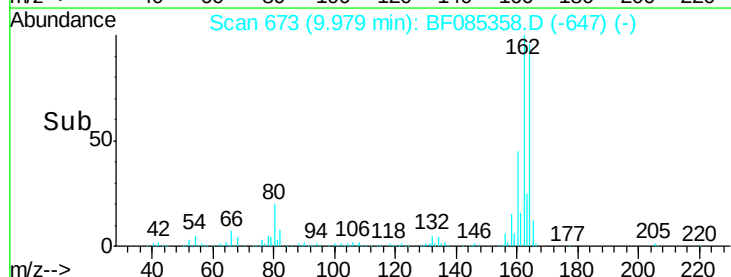
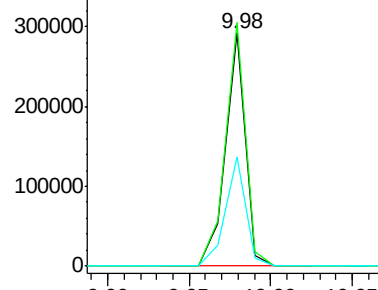
164 100

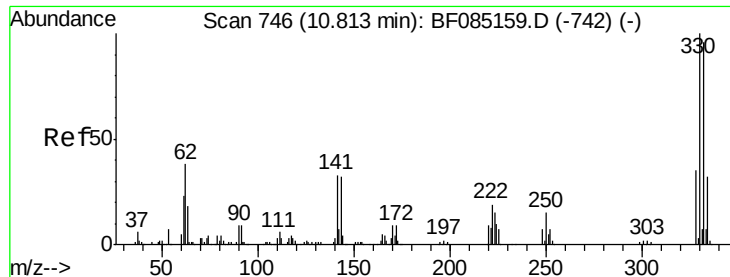
162 104.6 83.3 124.9

160 46.8 37.9 56.9



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

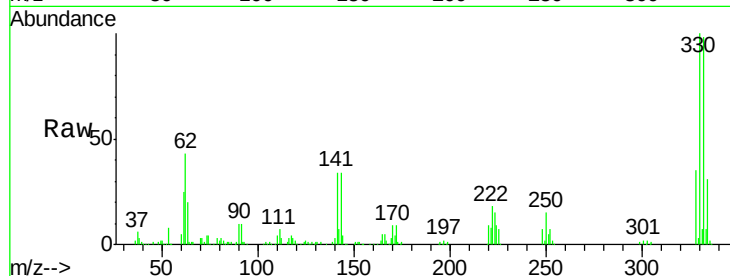




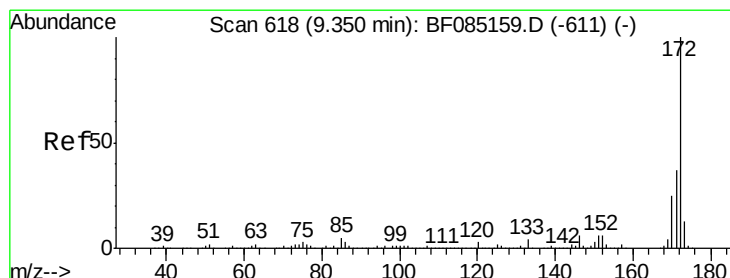
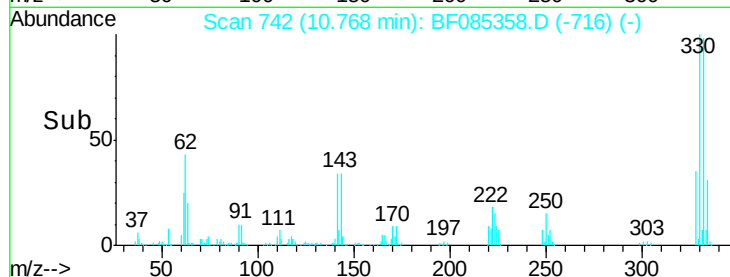
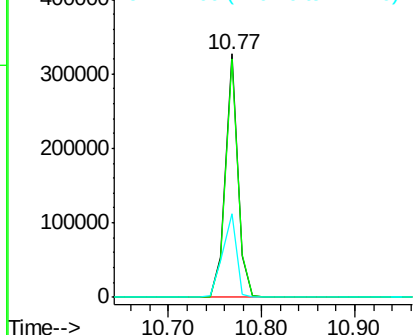
#41
 2,4,6-Tribromophenol
 Concen: 143.70 ng
 RT: 10.77 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 304482
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.1 115.7
 141 37.8 35.0 52.6

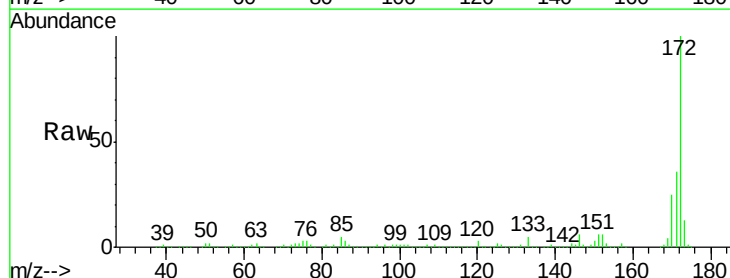


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

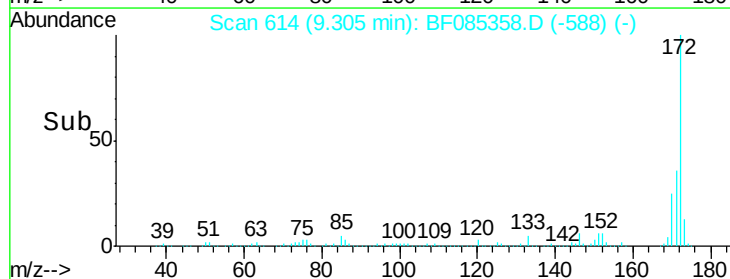
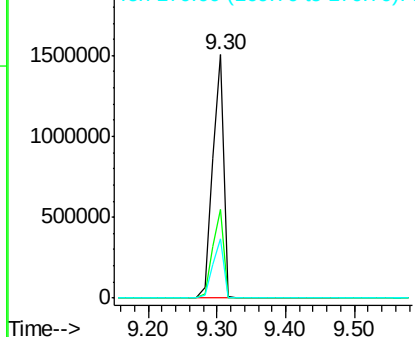


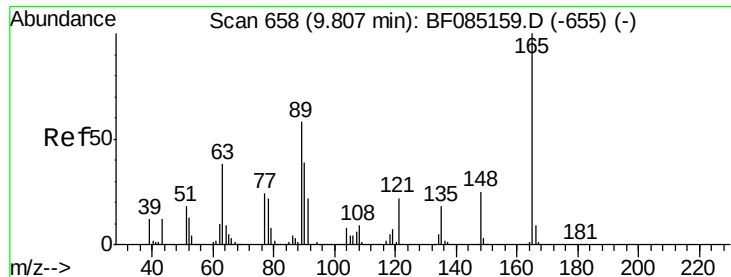
#44
 2-Fluorobiphenyl
 Concen: 103.79 ng
 RT: 9.30 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Tgt Ion:172 Resp: 1689955
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.3 43.9
 170 24.5 20.0 30.0



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: 7.85 ng

RT: 9.98 min Scan# 673

Delta R.T. 0.22 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampled :

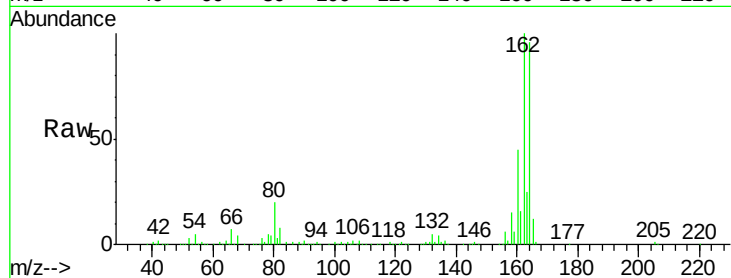
Tot Ion:165 Resp: 31919

Ion Ratio Lower Upper

165 100

63 1.5 41.8 62.8#

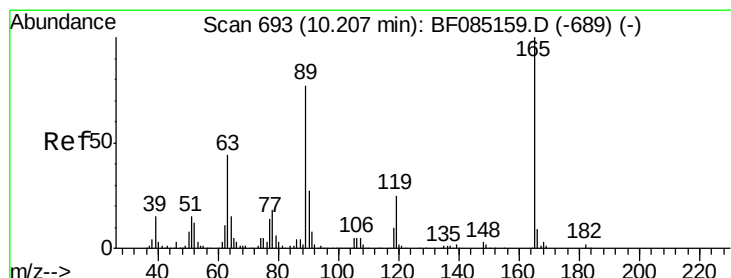
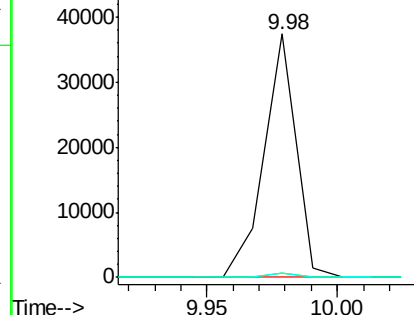
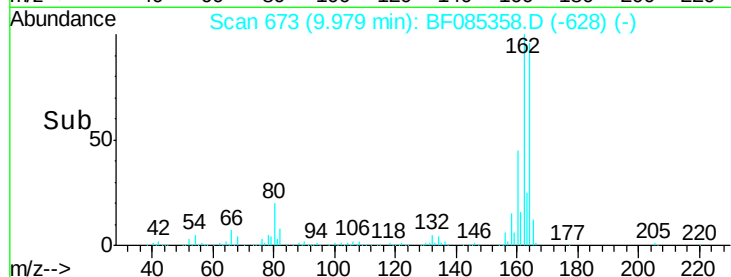
89 1.7 46.7 70.1#



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: 6.13 ng

RT: 9.98 min Scan# 673

Delta R.T. -0.18 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Tgt Ion:165 Resp: 31921

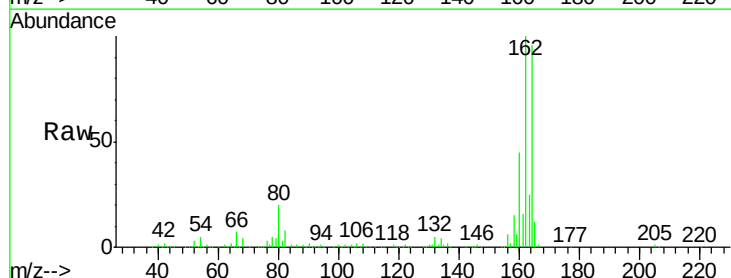
Ion Ratio Lower Upper

165 100

63 1.5 35.4 53.0#

89 1.7 61.9 92.9#

182 0.0 1.9 2.9#

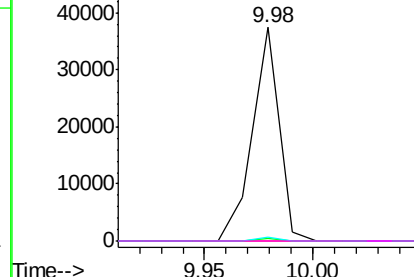
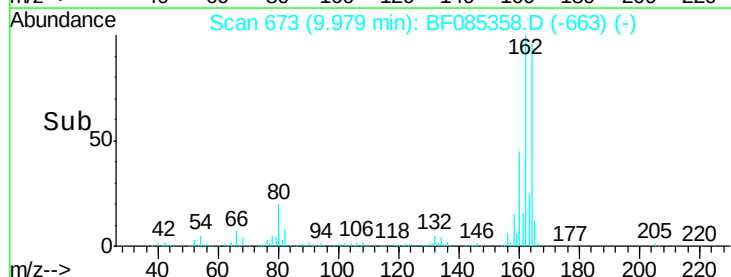


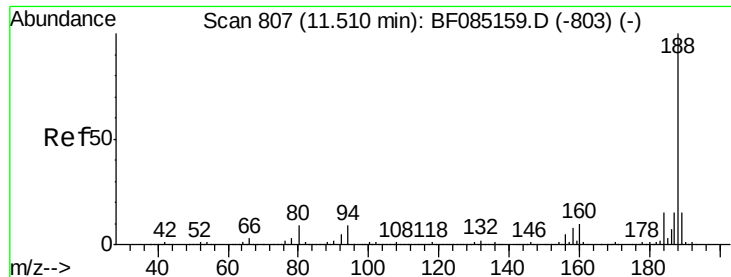
Abundance Ion 165.00 (164.70 to 165.70): E

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

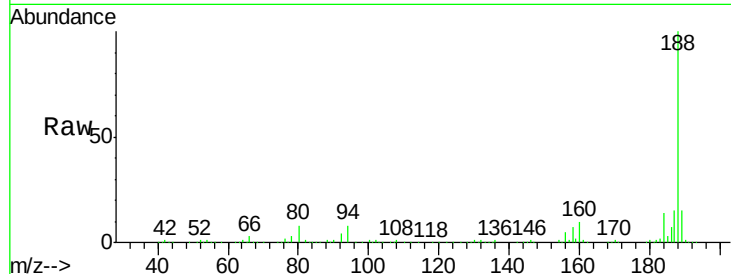




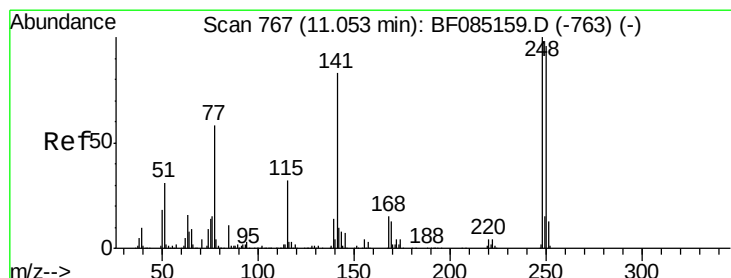
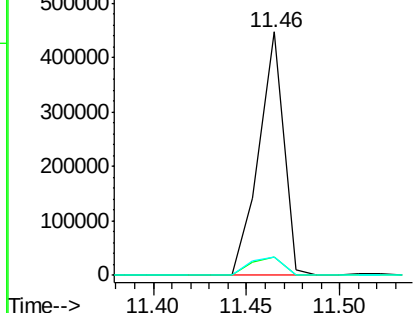
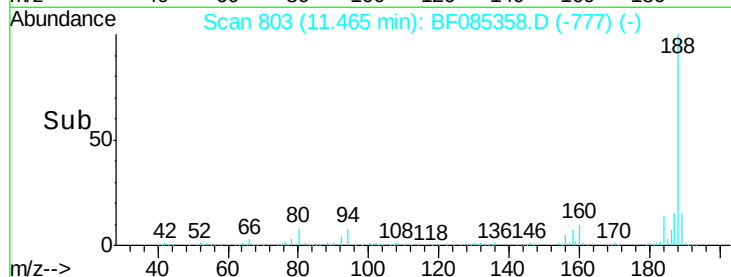
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF085358.D
Acq: 11 Mar 2016 3:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 413677
Ion Ratio Lower Upper
188 100
94 7.7 7.0 10.6
80 7.7 7.4 11.0

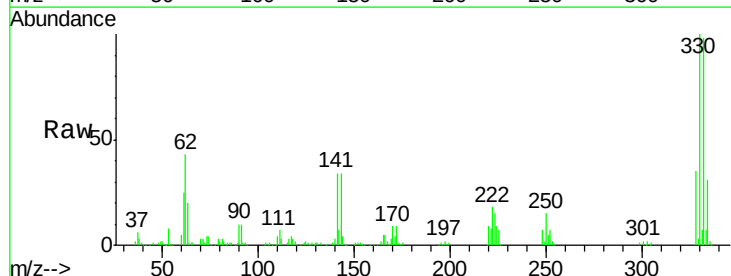


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

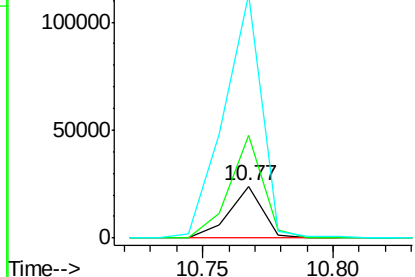
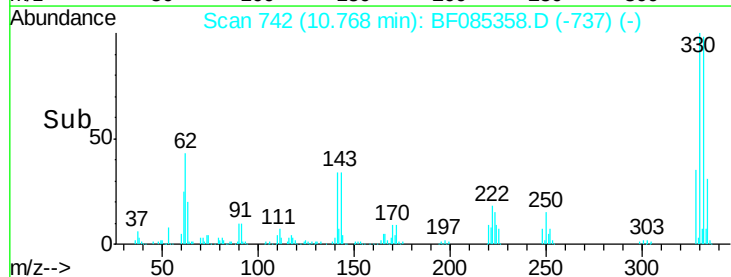


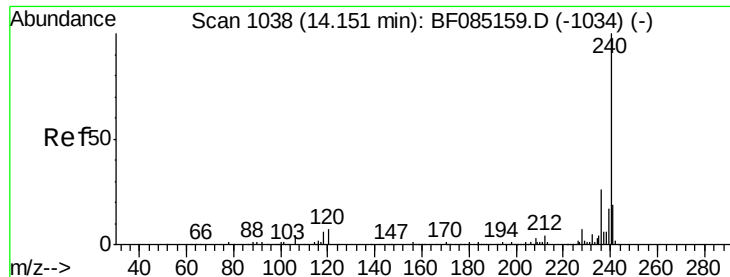
#66
4-Bromophenyl-phenylether
Concen: 5.46 ng
RT: 10.77 min Scan# 742
Delta R.T. -0.24 min
Lab File: BF085358.D
Acq: 11 Mar 2016 3:10

Tgt Ion:248 Resp: 21948
Ion Ratio Lower Upper
248 100
250 196.4 77.1 115.7#
141 466.9 66.2 99.2#



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: 14.09 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

Instrument :

BNA_F

ClientSampleId :

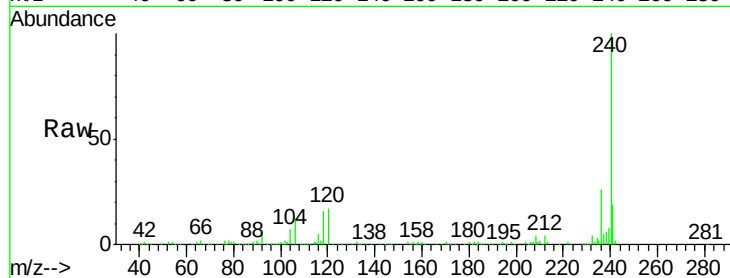
Tot Ion:240 Resp: 296108

Ion Ratio Lower Upper

240 100

120 17.4 5.3 7.9#

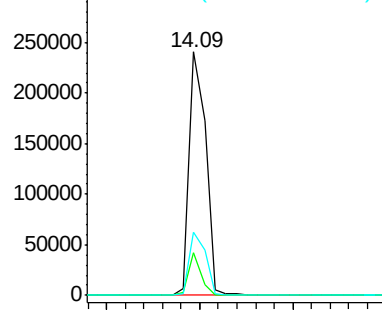
236 25.8 20.7 31.1



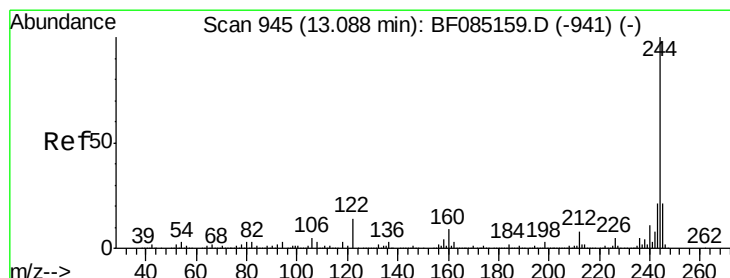
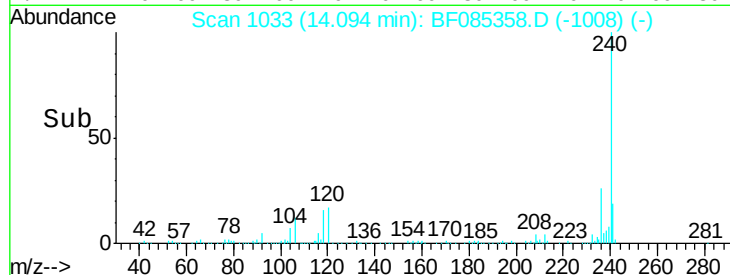
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 101.69 ng

RT: 13.05 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF085358.D

Acq: 11 Mar 2016 3:10

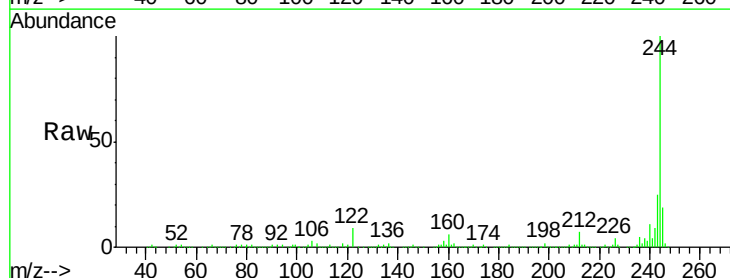
Tgt Ion:244 Resp: 1297170

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

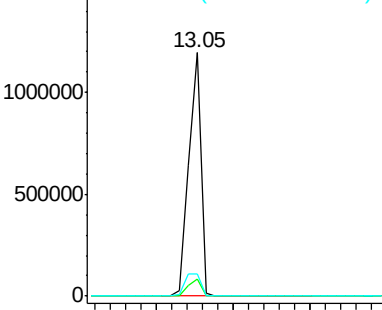
122 9.0 11.4 17.2#



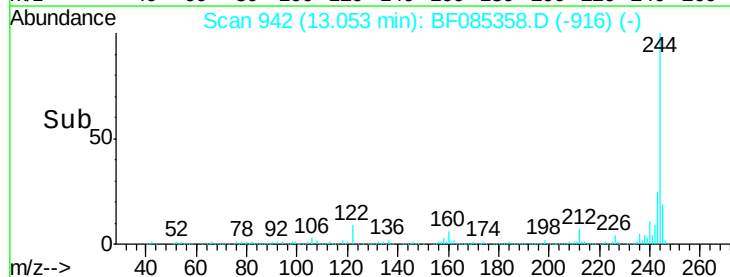
Abundance Ion 244.00 (243.70 to 244.70): E

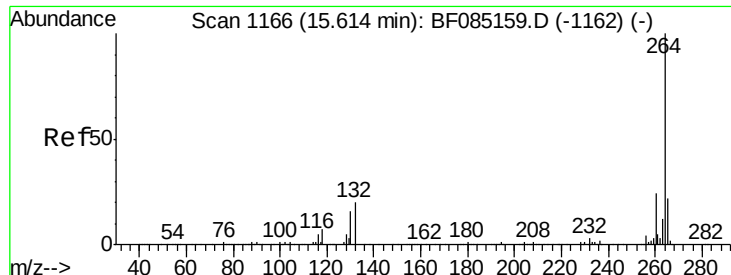
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 13.00 13.10 13.20

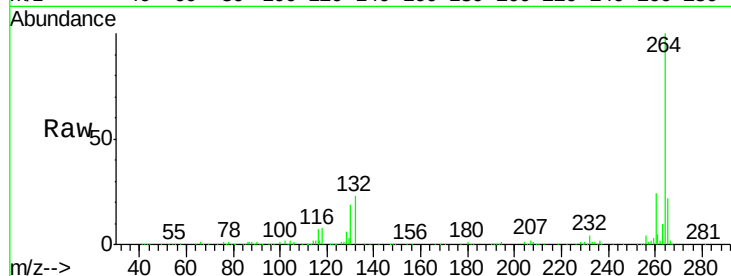




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1161
 Delta R.T. -0.01 min
 Lab File: BF085358.D
 Acq: 11 Mar 2016 3:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.9	17.3	25.9



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

