

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085212.D
 Acq On : 4 Mar 2016 19:42
 Operator : SJ/IZ
 Sample : PB88680TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88680TB

Quant Time: Mar 04 22:10:11 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 04 00:54:58 2016
 Response via : Initial Calibration

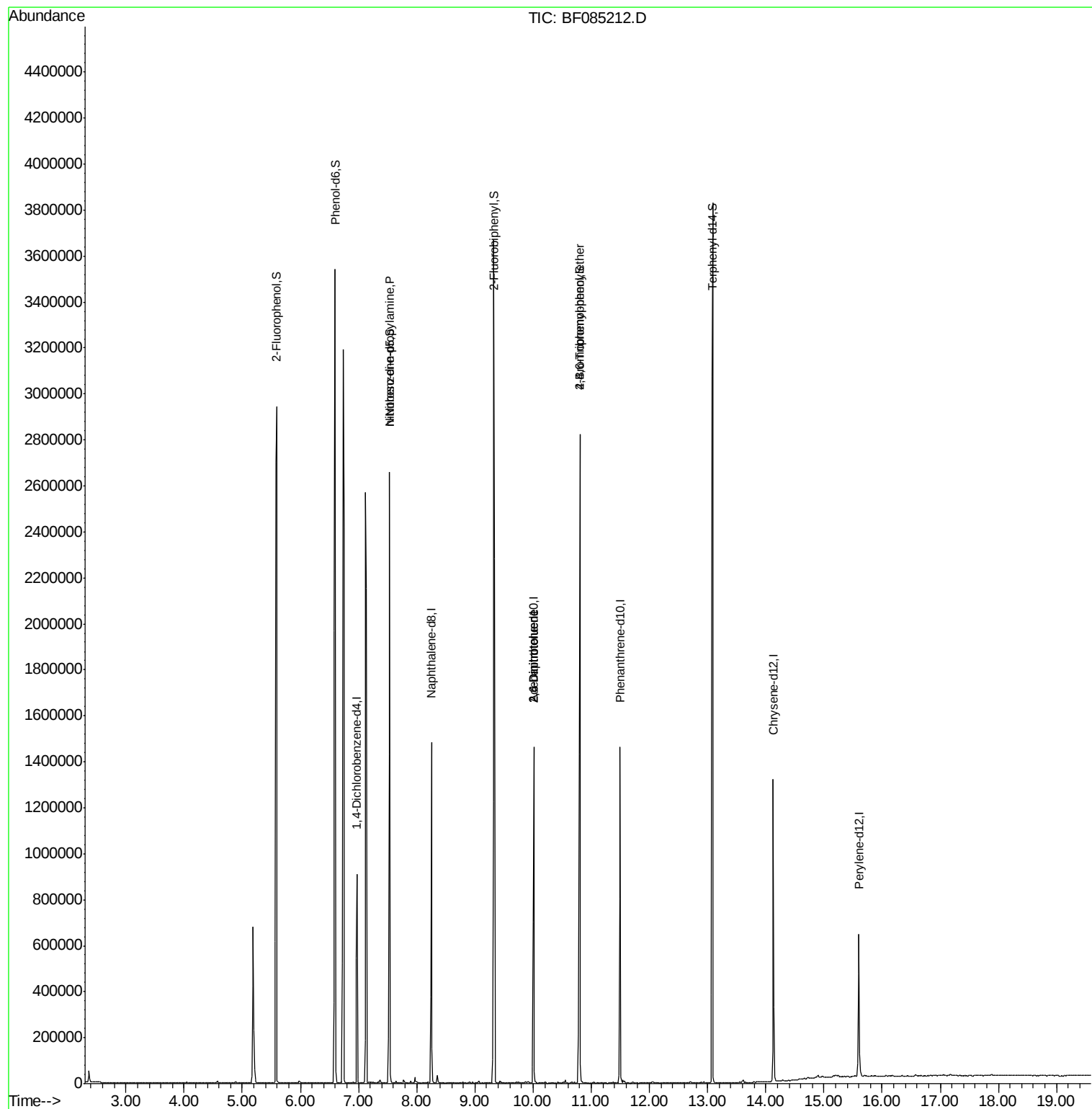
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170617	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	689863	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	334512	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	639805	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	430998	20.00	ng	-0.02
86) Perylene-d12	15.60	264	307630	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1317176	129.50	ng	0.01
7) Phenol-d6	6.60	99	1503429	112.82	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1045654	81.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	382582	133.66	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1721194	78.25	ng	-0.02
78) Terphenyl-d14	13.09	244	1680527	90.52	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	141485	16.29	ng	# 77
50) 2,6-Dinitrotoluene	10.01	165	42409	7.72	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	42412	6.03	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	28006	4.51	ng	# 1

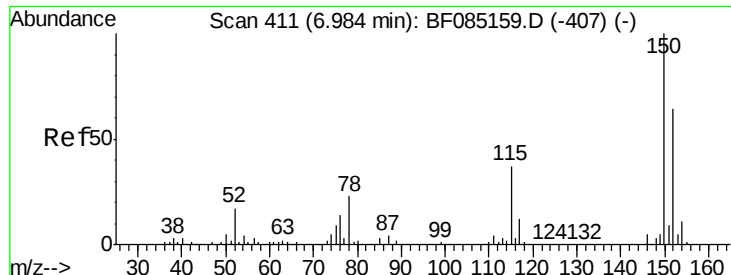
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
Data File : BF085212.D
Acq On : 4 Mar 2016 19:42
Operator : SJ/IZ
Sample : PB88680TB
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB88680TB

Quant Time: Mar 04 22:10:11 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 04 00:54:58 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

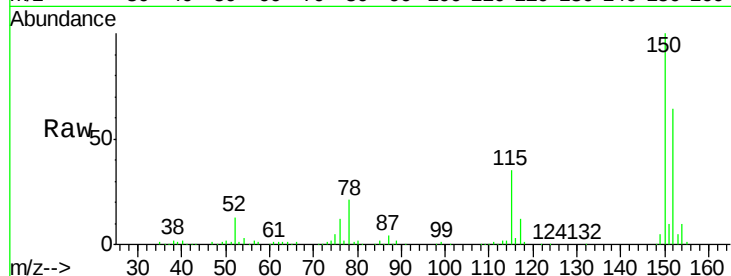
Tgt Ion:152 Resp: 170617

Ion Ratio Lower Upper

152 100

150 156.1 124.6 186.8

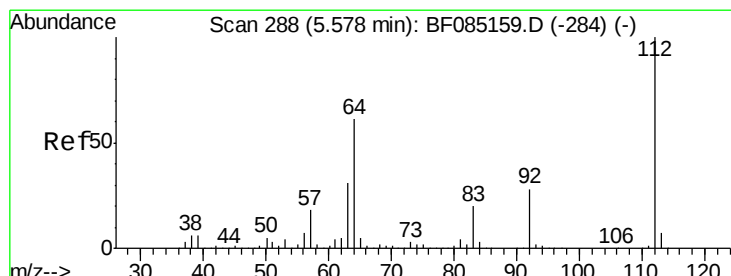
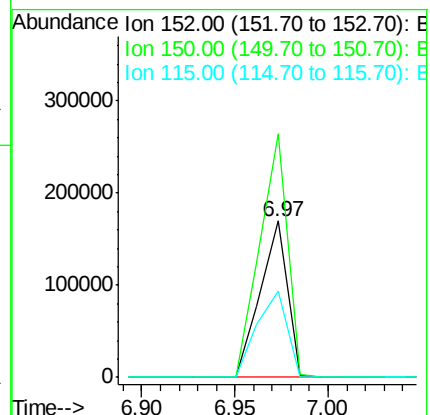
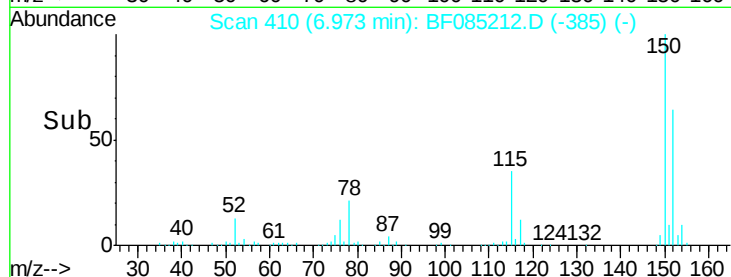
115 55.1 46.6 70.0



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: 129.50 ng

RT: 5.59 min Scan# 289

Delta R.T. 0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

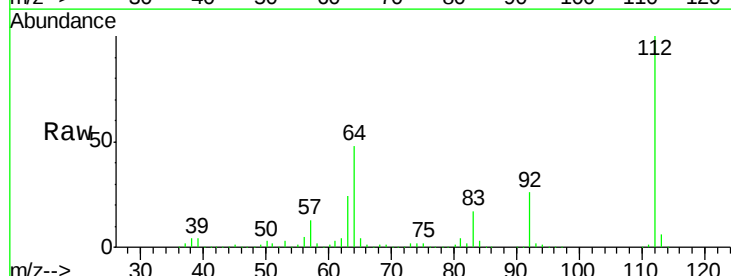
Tgt Ion:112 Resp: 1317176

Ion Ratio Lower Upper

112 100

64 47.6 49.0 73.4#

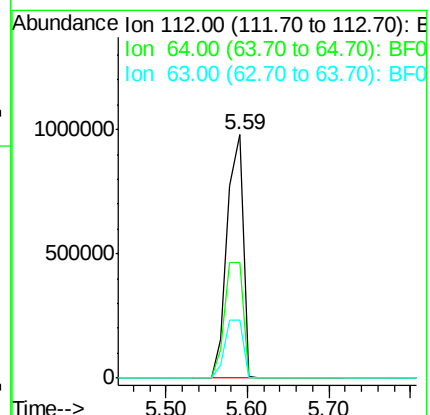
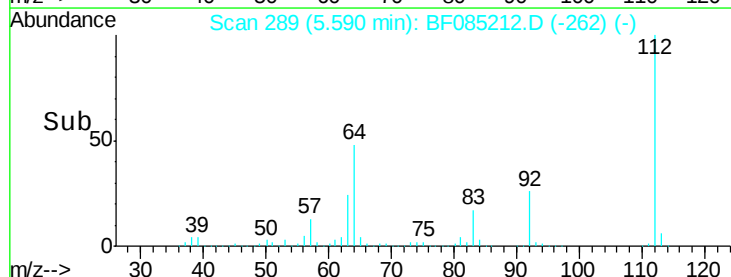
63 24.0 24.8 37.2#

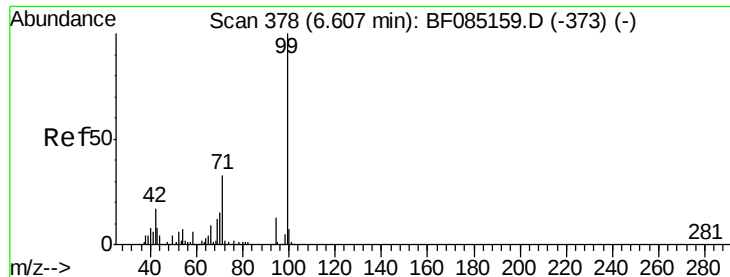


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.82 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

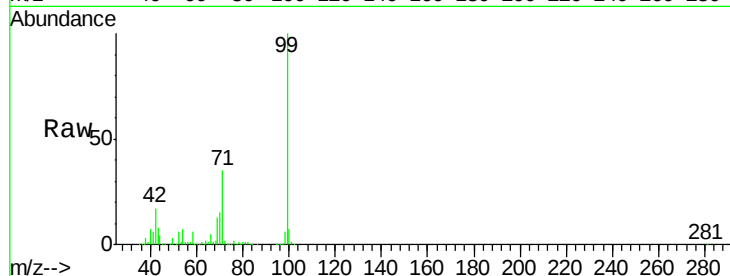
Tgt Ion: 99 Resp: 1503429

Ion Ratio Lower Upper

99 100

42 16.5 13.6 20.4

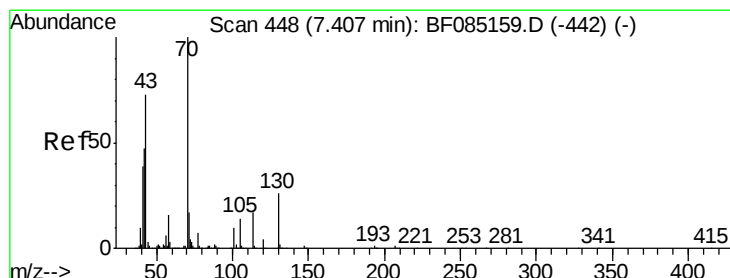
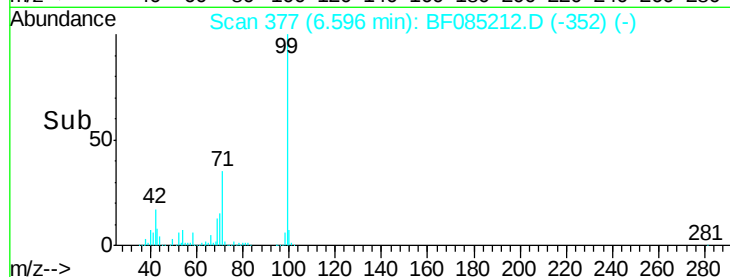
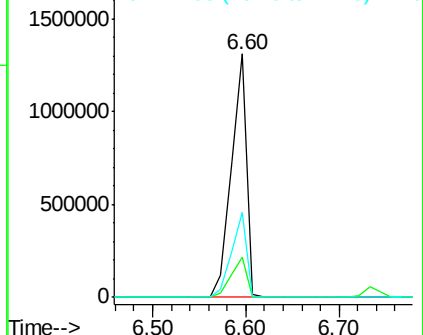
71 34.7 26.7 40.1



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: 16.29 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Tgt Ion: 70 Resp: 141485

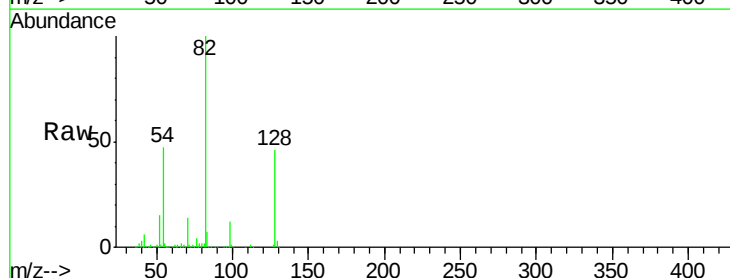
Ion Ratio Lower Upper

70 100

42 41.1 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

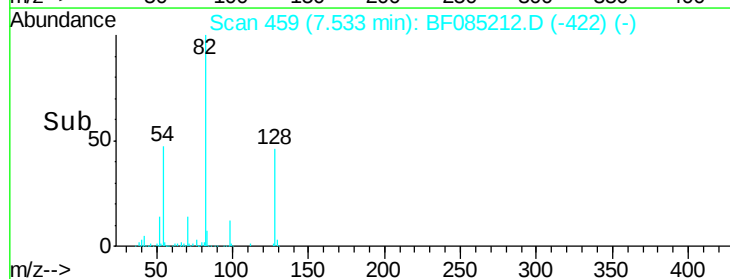
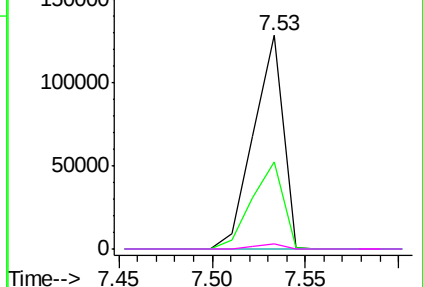


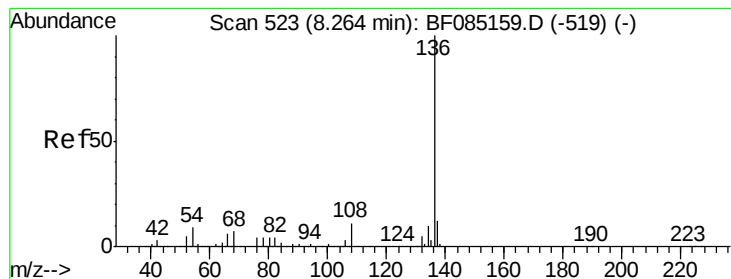
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

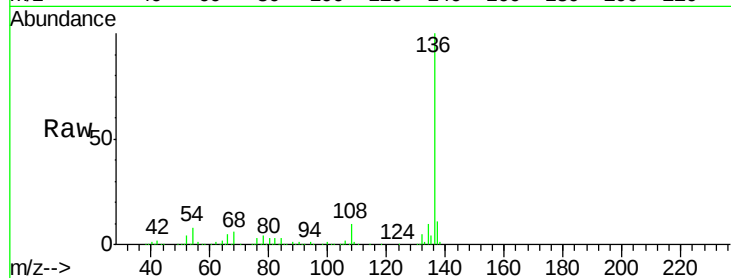




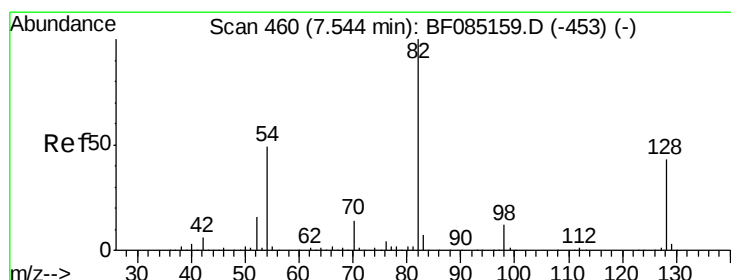
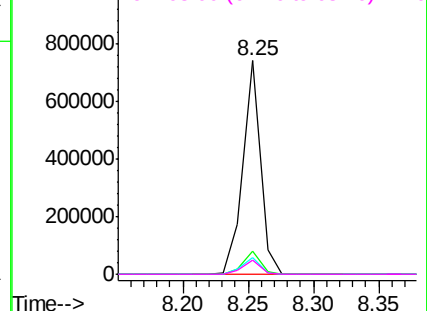
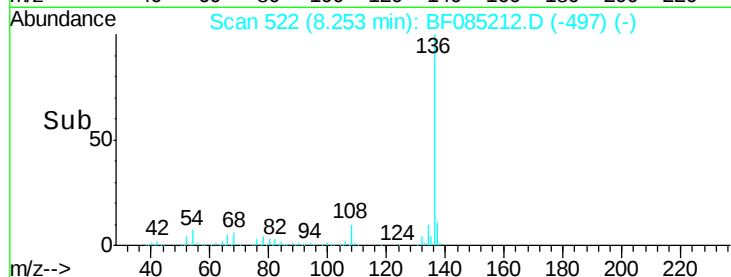
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.25 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Instrument :
BNA_F
ClientSampled :
PB88680TB

Tgt Ion:	136	Resp:	689863
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.6	7.4	11.2
68	6.4	6.0	9.0

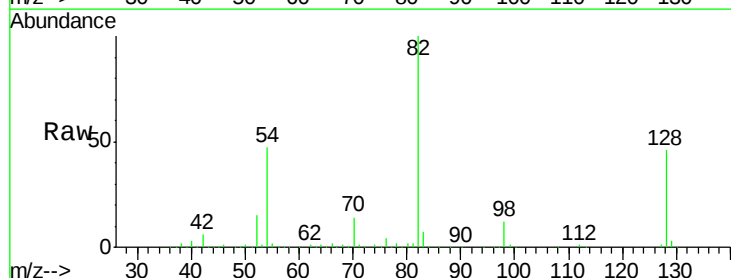


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

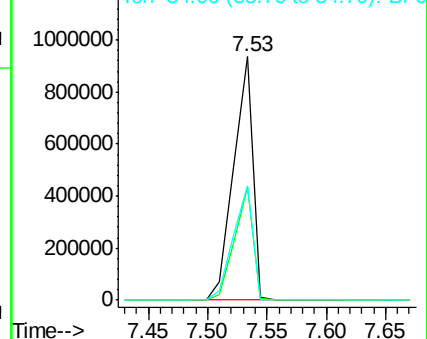
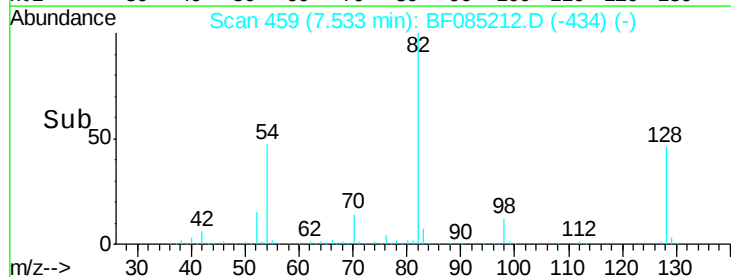


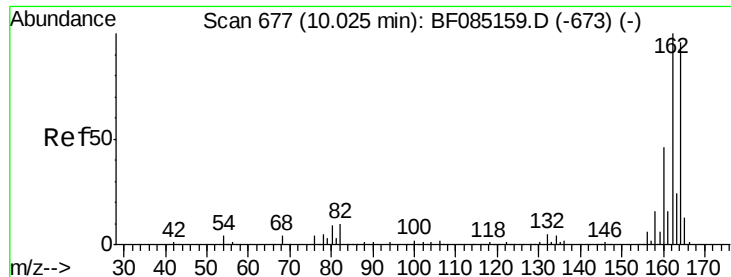
#23
Nitrobenzene-d5
Concen: 81.11 ng
RT: 7.53 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Tgt Ion:	82	Resp:	1045654
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.5	51.7
54	46.9	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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

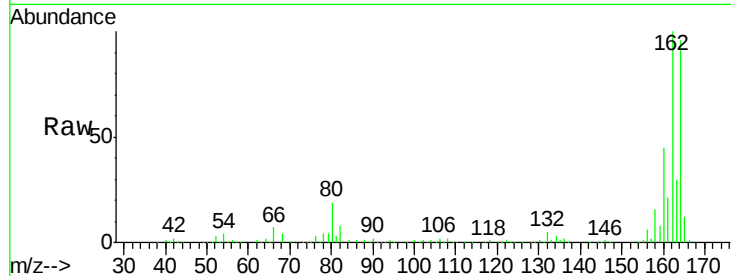
Tgt Ion:164 Resp: 334512

Ion Ratio Lower Upper

164 100

162 104.3 83.3 124.9

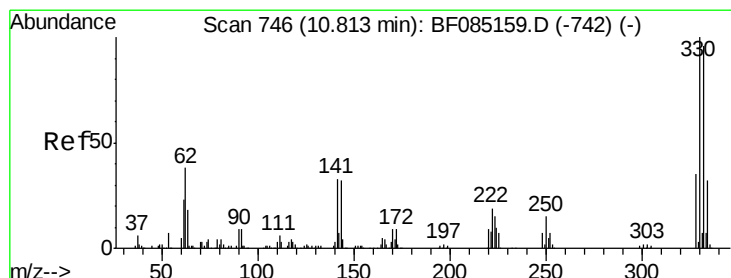
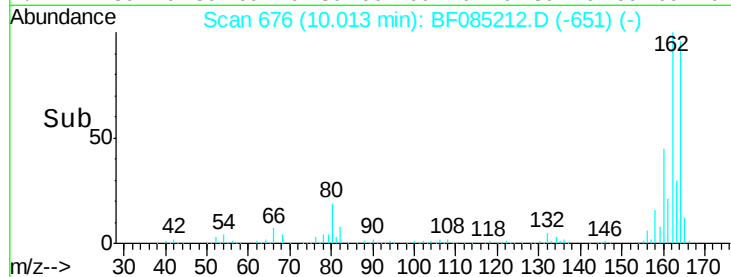
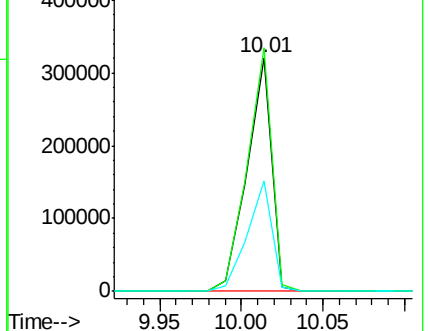
160 47.1 37.9 56.9



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: 133.66 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

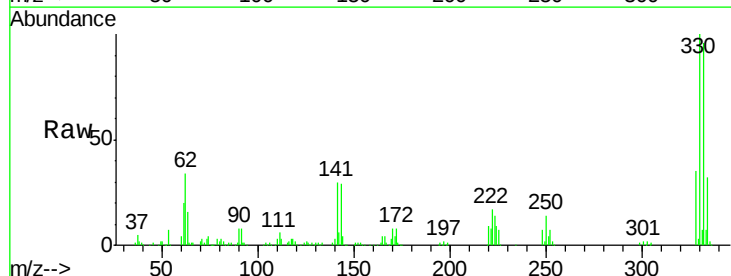
Tgt Ion:330 Resp: 382582

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

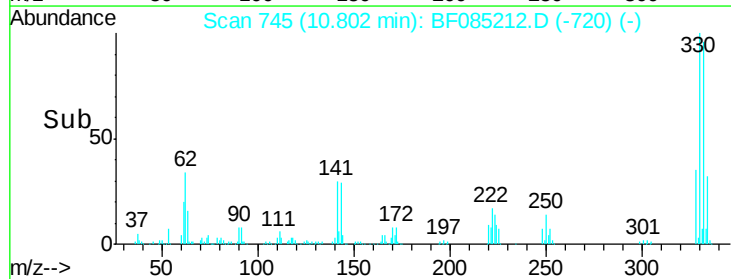
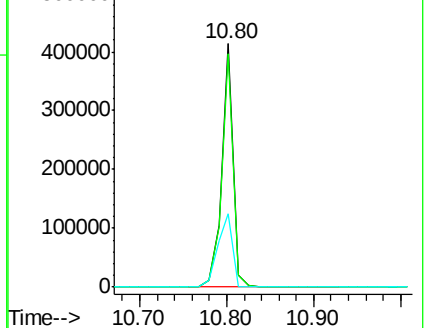
141 39.4 35.0 52.6

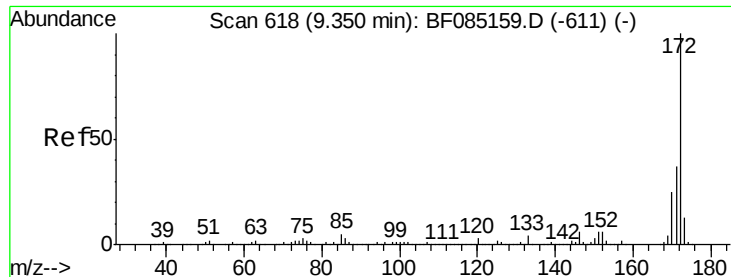


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

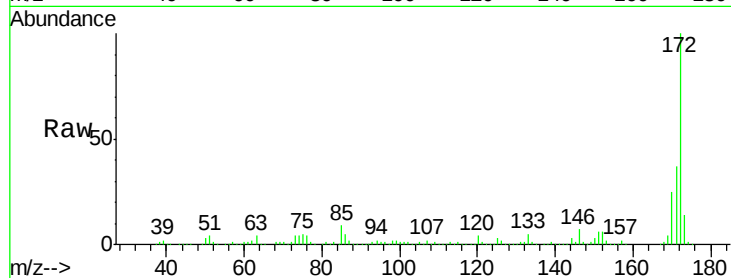




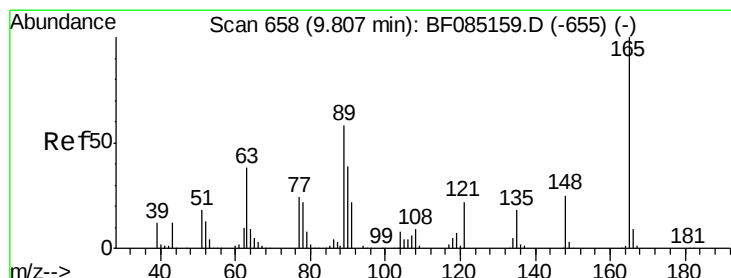
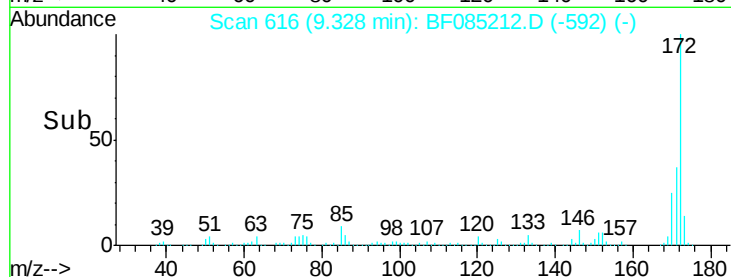
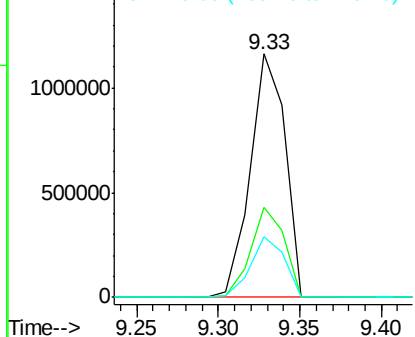
#44
2-Fluorobiphenyl
Concen: 78.25 ng
RT: 9.33 min Scan# 616
Delta R.T. -0.02 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Instrument :
BNA_F
ClientSampleId :
PB88680TB

Tgt Ion:172 Resp: 1721194
Ion Ratio Lower Upper
172 100
171 36.8 29.3 43.9
170 25.0 20.0 30.0

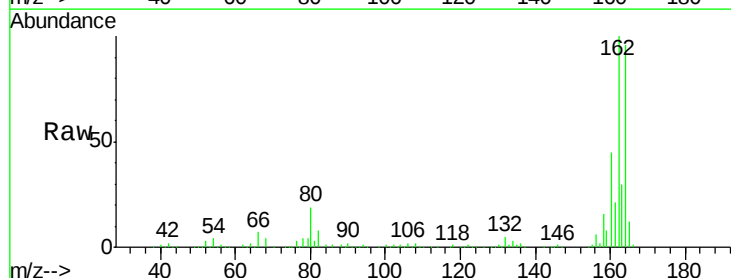


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

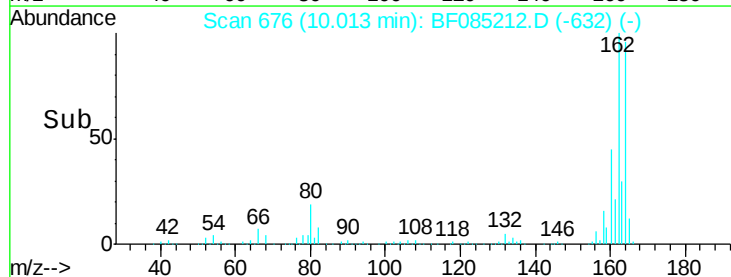
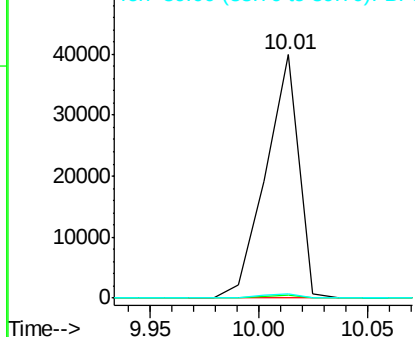


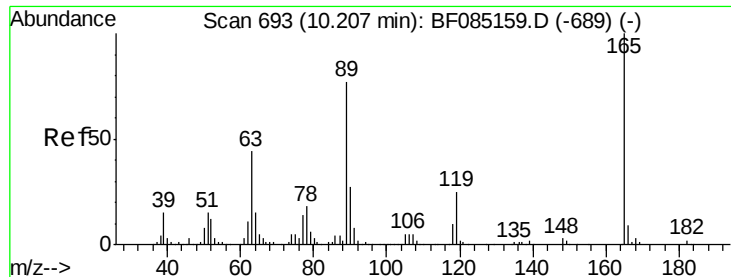
#50
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 10.01 min Scan# 676
Delta R.T. 0.21 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Tgt Ion:165 Resp: 42409
Ion Ratio Lower Upper
165 100
63 1.4 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

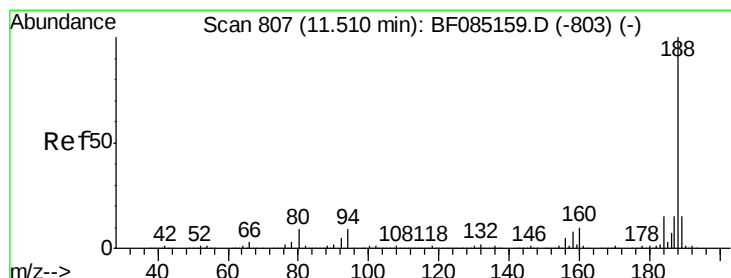
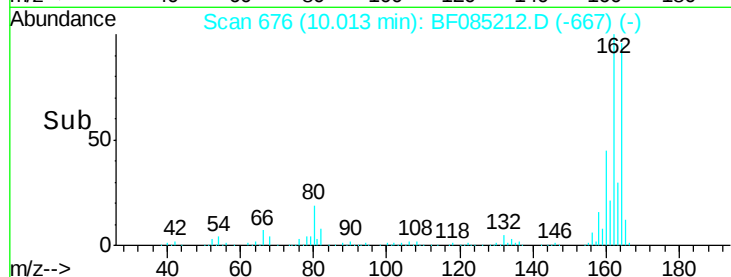
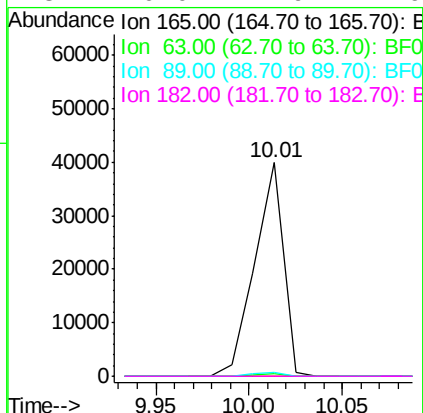
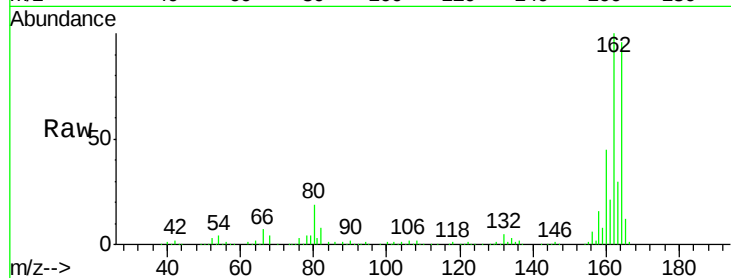




#56
2,4-Dinitrotoluene
Concen: 6.03 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

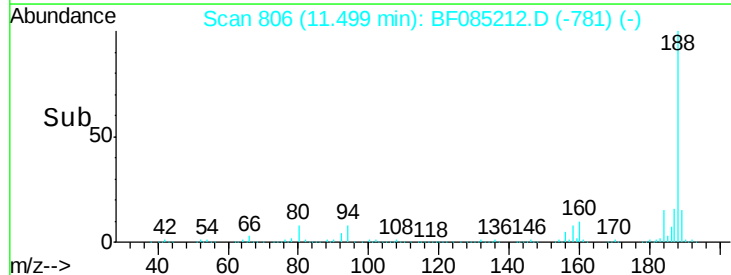
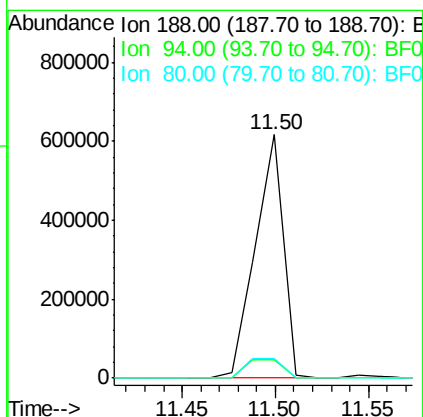
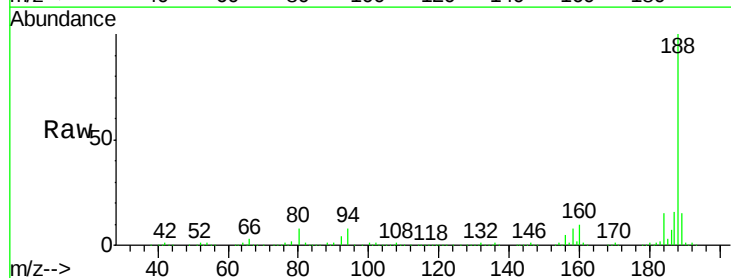
Instrument :
BNA_F
ClientSampleId :
PB88680TB

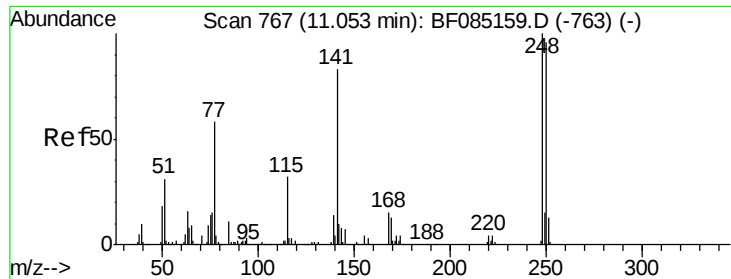
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085212.D
Acq: 4 Mar 2016 19:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.0	10.6
80	8.1	7.4	11.0

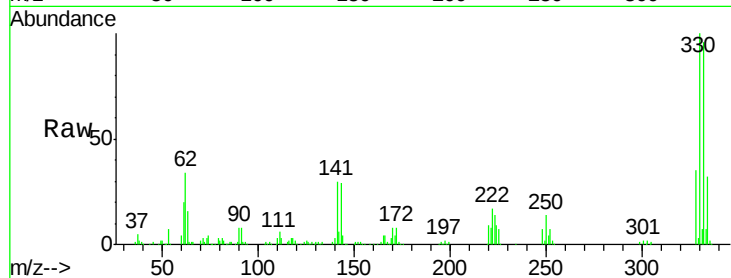




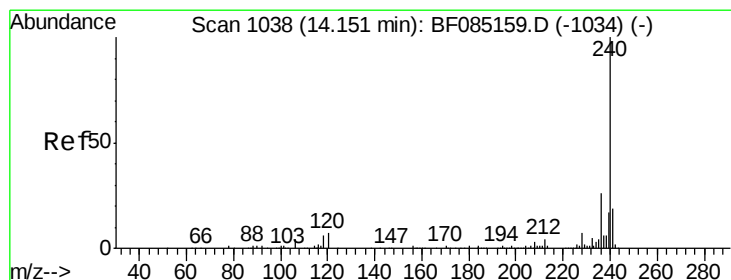
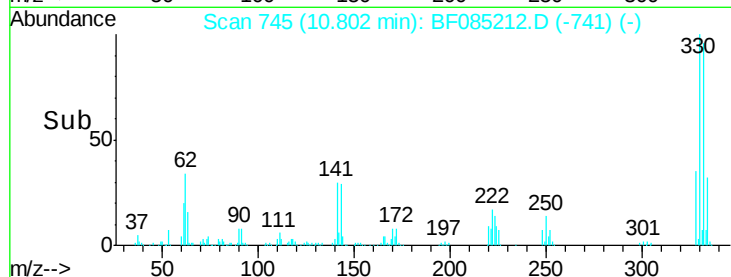
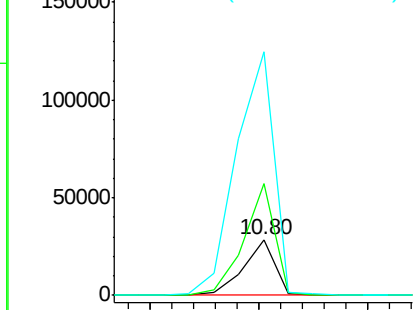
#66
 4-Bromophenyl-phenylether
 Concen: 4.51 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.25 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Instrument :
 BNA_F
 ClientSampleId :
 PB88680TB

Tgt Ion:248 Resp: 28006
 Ion Ratio Lower Upper
 248 100
 250 201.6 77.1 115.7#
 141 438.7 66.2 99.2#

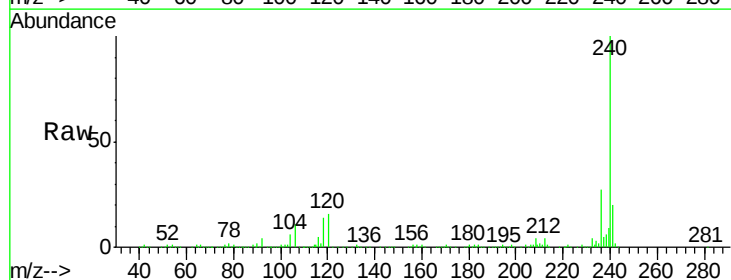


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

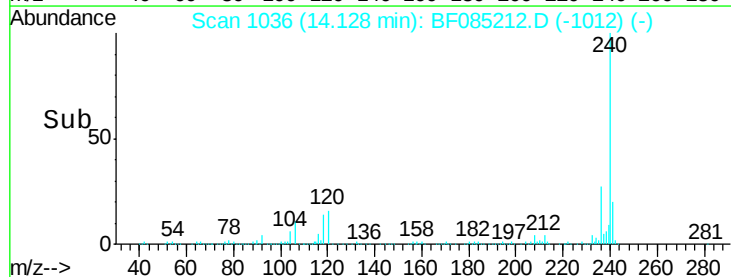
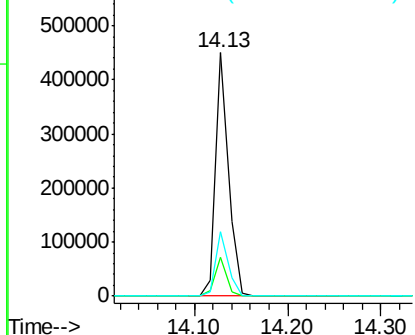


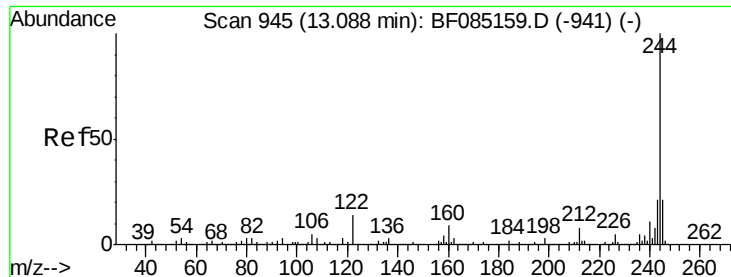
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1036
 Delta R.T. -0.02 min
 Lab File: BF085212.D
 Acq: 4 Mar 2016 19:42

Tgt Ion:240 Resp: 430998
 Ion Ratio Lower Upper
 240 100
 120 16.1 5.3 7.9#
 236 26.5 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





#78

Terphenyl-d14

Concen: 90.52 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

Instrument :

BNA_F

ClientSampleId :

PB88680TB

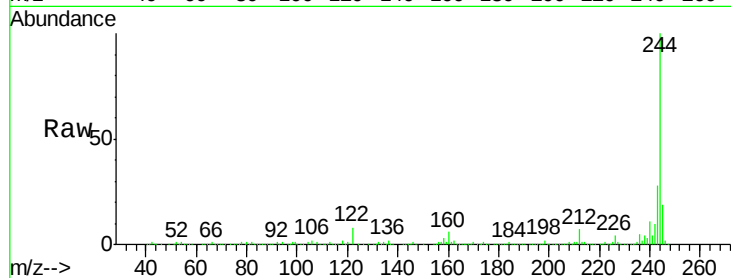
Tgt Ion:244 Resp: 1680527

Ion Ratio Lower Upper

244 100

212 7.0 6.4 9.6

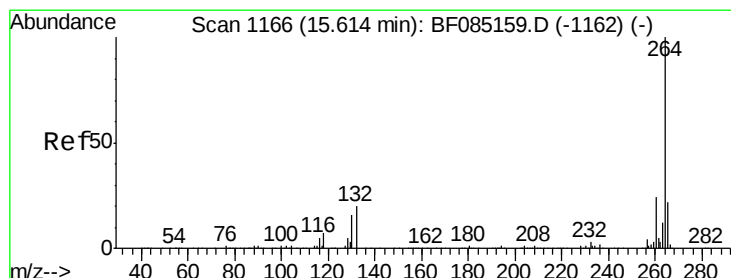
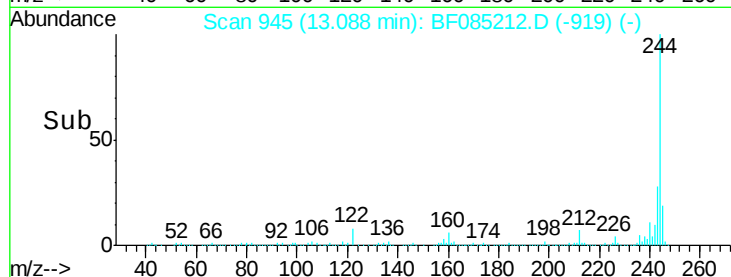
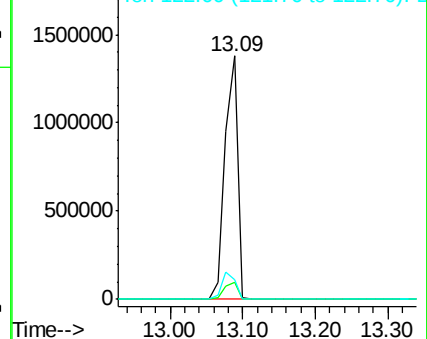
122 7.9 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF085212.D

Acq: 4 Mar 2016 19:42

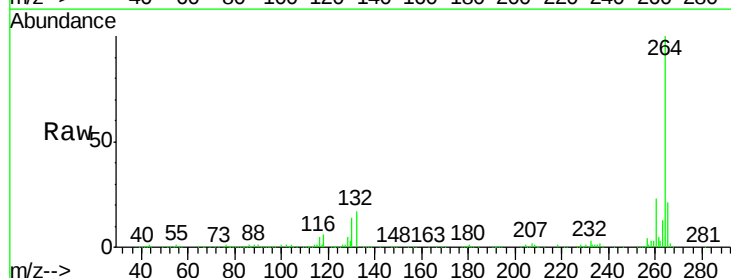
Tgt Ion:264 Resp: 307630

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 20.8 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

