

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085203.D
 Acq On : 4 Mar 2016 15:30
 Operator : SJ/IZ
 Sample : PB88682BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Quant Time: Mar 04 21:55:25 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

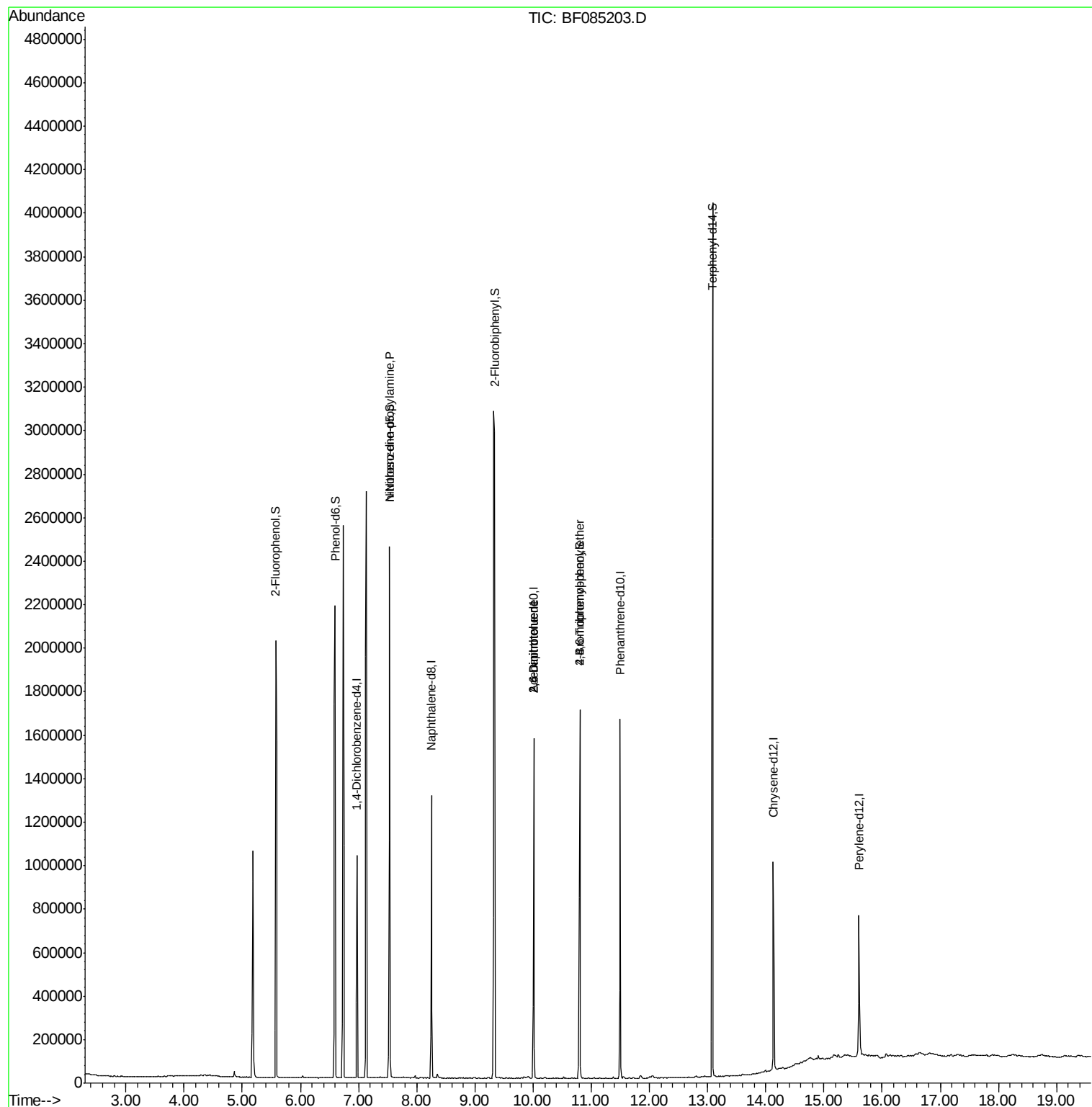
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162658	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	609579	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	301714	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	578538	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	392827	20.00	ng	-0.02
86) Perylene-d12	15.60	264	277495	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	812457	83.78	ng	0.00
7) Phenol-d6	6.60	99	1103189	86.83	ng	-0.01
23) Nitrobenzene-d5	7.53	82	903420	79.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	217462	84.23	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1601899	80.75	ng	-0.01
78) Terphenyl-d14	13.09	244	1523335	90.02	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1402	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.53	70	122278	14.77	ng	# 79
50) 2,6-Dinitrotoluene	10.01	165	38978	7.87	ng	# 25
56) 2,4-Dinitrotoluene	10.01	165	38981	6.15	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	16108	2.87	ng	# 1

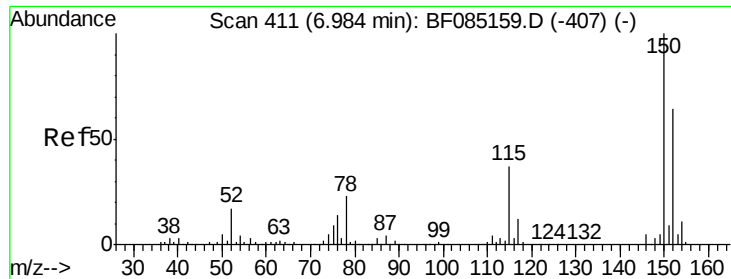
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF085203.D

Acq: 4 Mar 2016 15:30

Instrument :

BNA_F

ClientSampleId :

PB88682BL

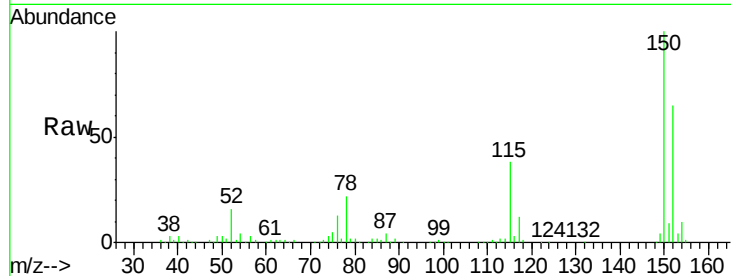
Tgt Ion:152 Resp: 162658

Ion Ratio Lower Upper

152 100

150 154.2 124.6 186.8

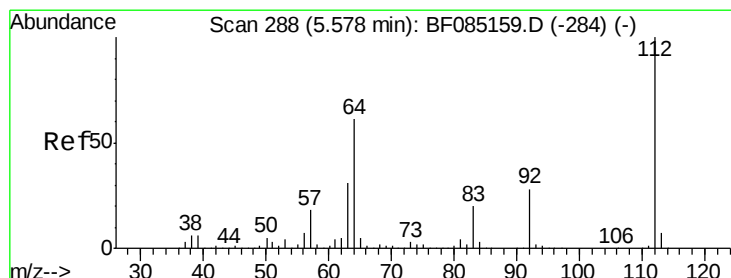
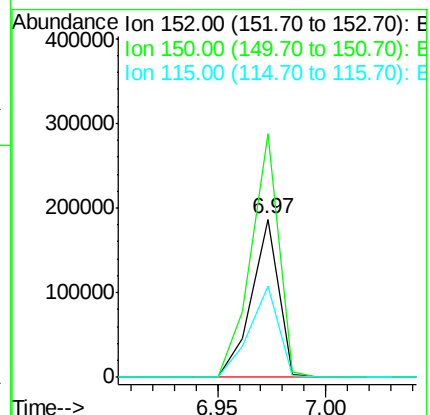
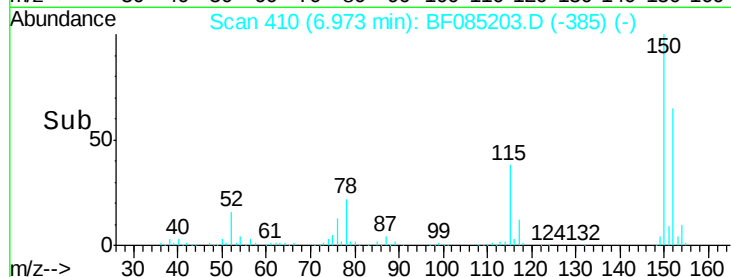
115 58.1 46.6 70.0



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: 83.78 ng

RT: 5.58 min Scan# 288

Delta R.T. 0.00 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

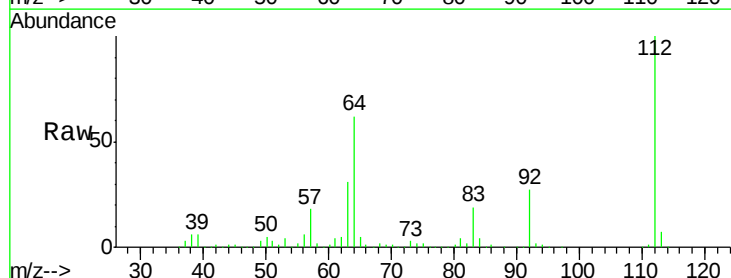
Tgt Ion:112 Resp: 812457

Ion Ratio Lower Upper

112 100

64 62.0 49.0 73.4

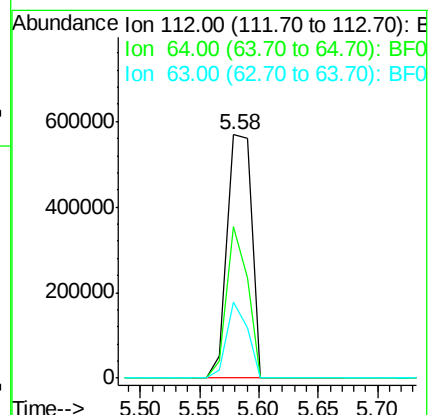
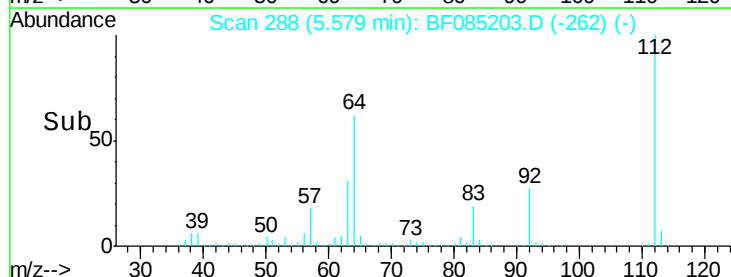
63 31.1 24.8 37.2

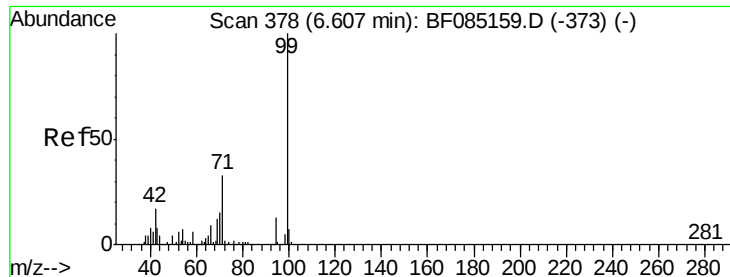


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 86.83 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

Instrument :

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ClientSampleId :

PB88682BL

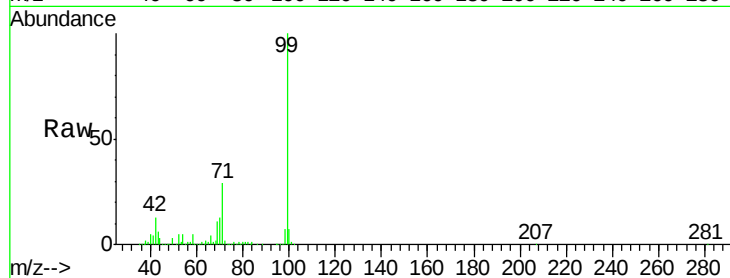
Tgt Ion: 99 Resp: 1103189

Ion Ratio Lower Upper

99 100

42 12.7 13.6 20.4#

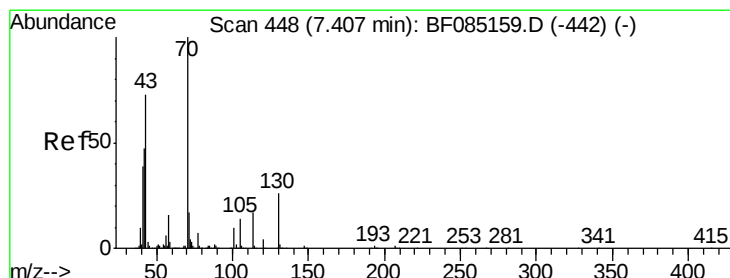
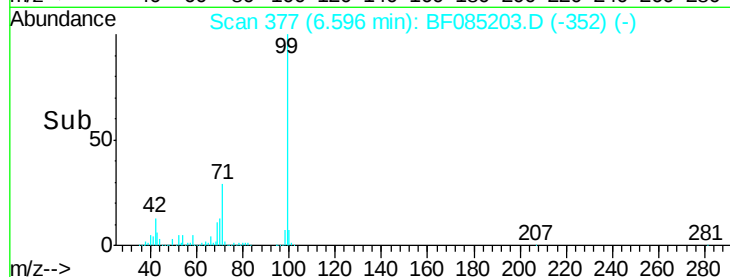
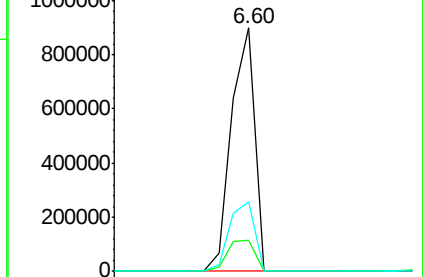
71 28.7 26.7 40.1



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: 14.77 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

Tgt Ion: 70 Resp: 122278

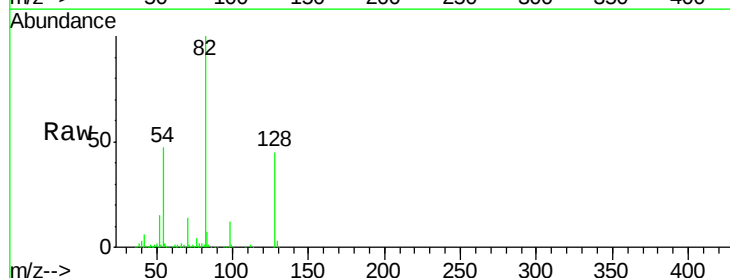
Ion Ratio Lower Upper

70 100

42 43.0 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

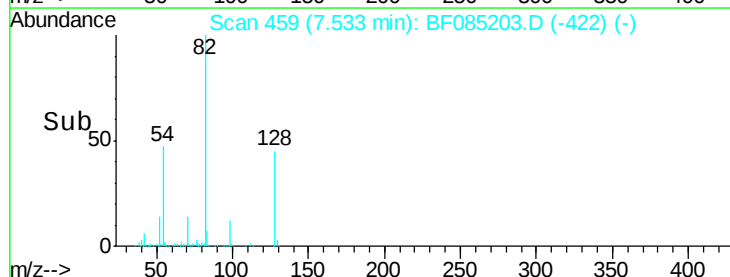
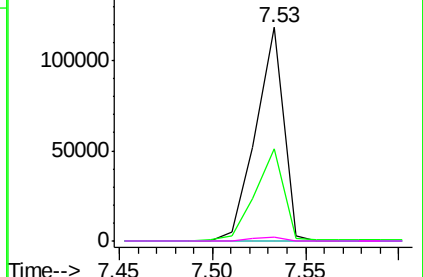


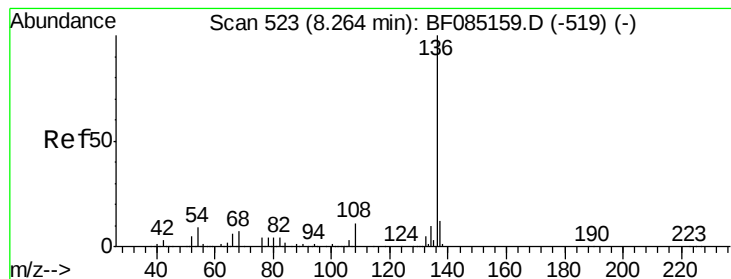
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF085203.D

Acq: 4 Mar 2016 15:30

Instrument :

BNA_F

ClientSampleId :

PB88682BL

Tgt Ion:136 Resp: 609579

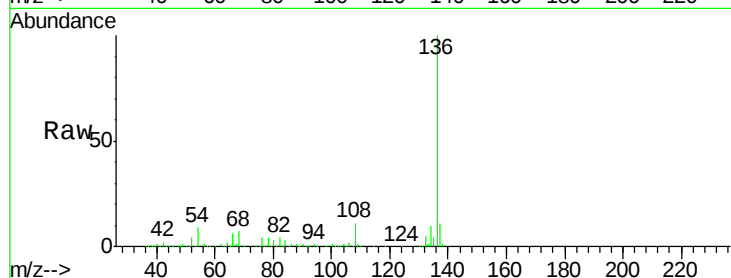
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.5 7.4 11.2

68 7.1 6.0 9.0

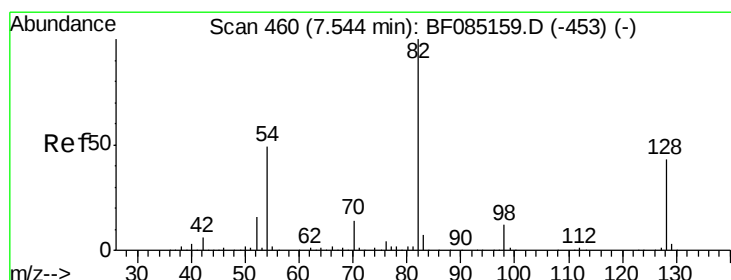
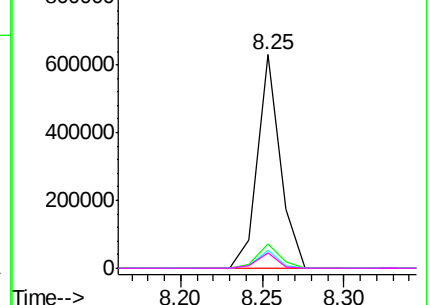
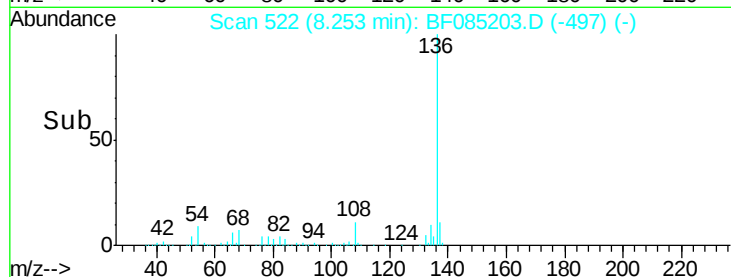


Abundance Ion 136.00 (135.70 to 136.70): E

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: 79.31 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

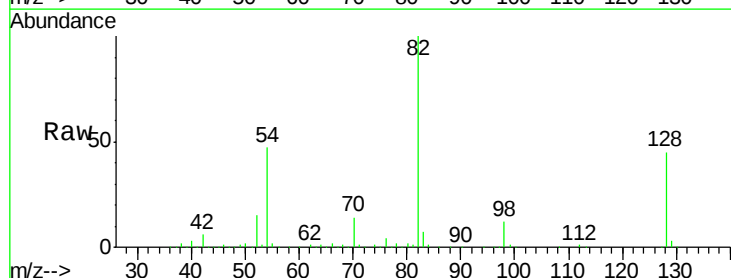
Tgt Ion: 82 Resp: 903420

Ion Ratio Lower Upper

82 100

128 44.9 34.5 51.7

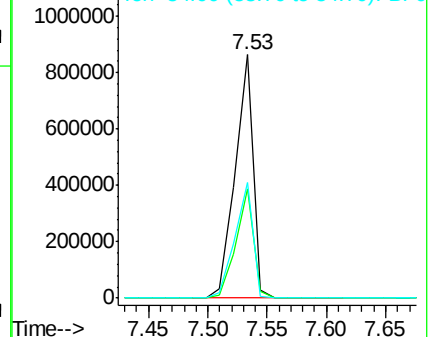
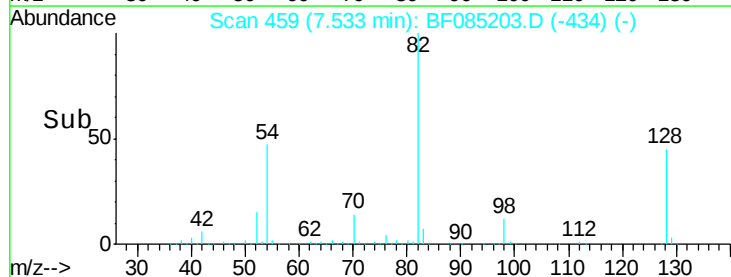
54 47.5 39.3 58.9

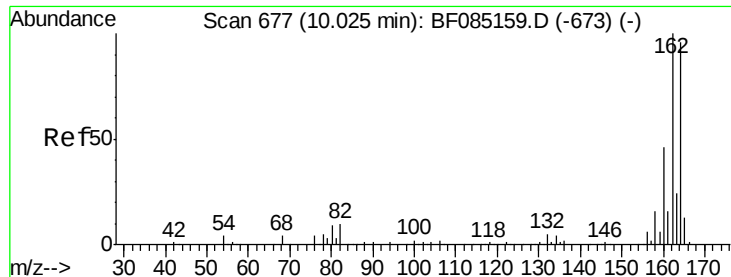


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

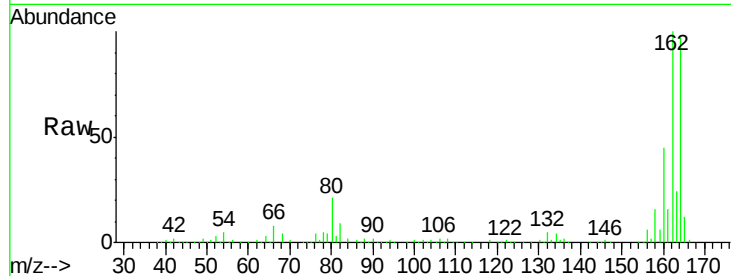




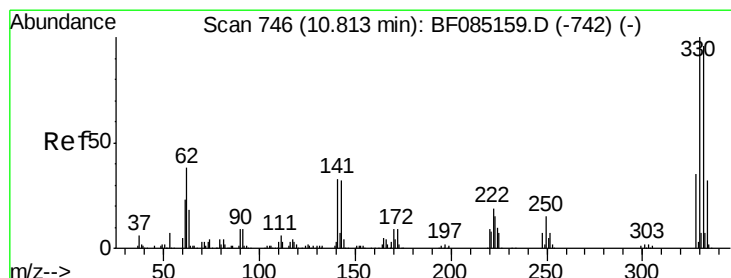
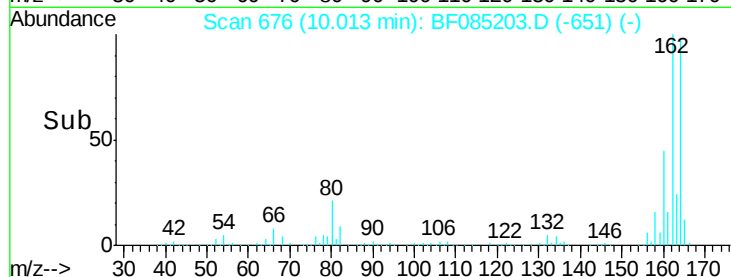
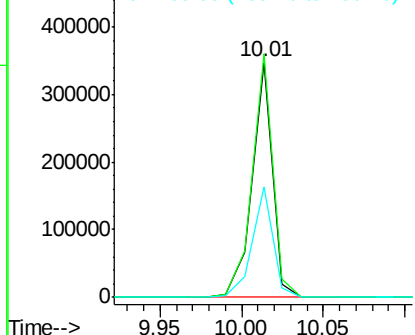
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Instrument :
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 ClientSampleId :
 PB88682BL

Tgt Ion:164 Resp: 301714
 Ion Ratio Lower Upper
 164 100
 162 103.6 83.3 124.9
 160 46.9 37.9 56.9

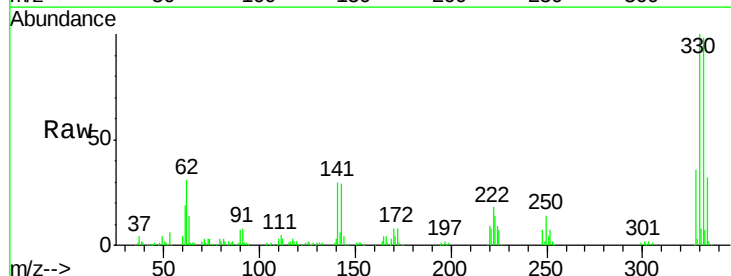


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

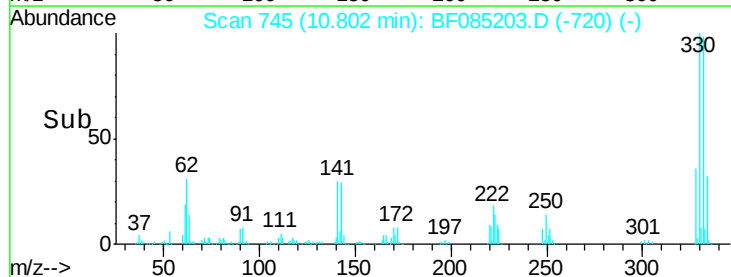
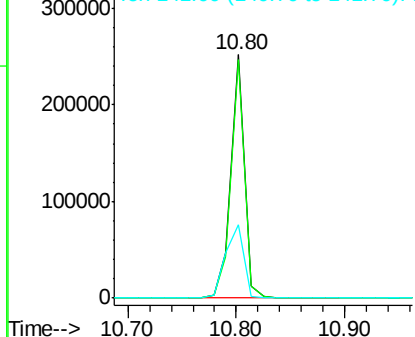


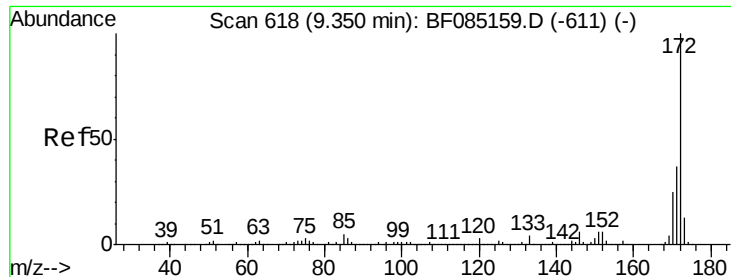
#41
 2,4,6-Tribromophenol
 Concen: 84.23 ng
 RT: 10.80 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Tgt Ion:330 Resp: 217462
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.1 115.7
 141 40.5 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

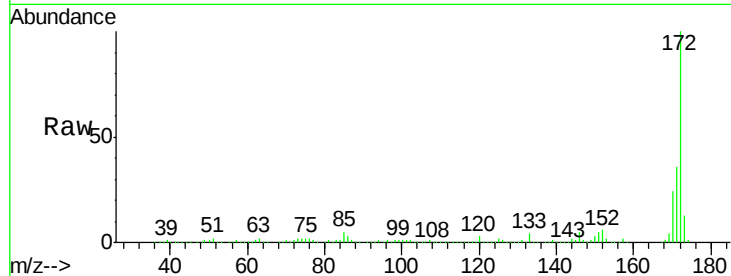




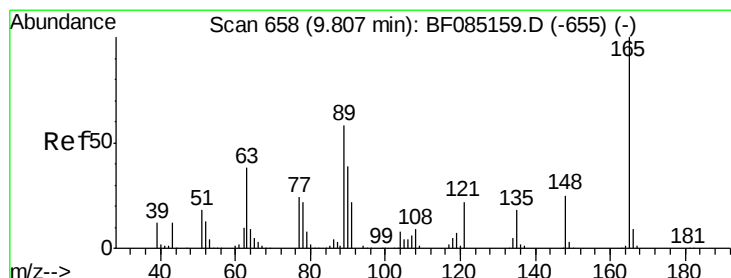
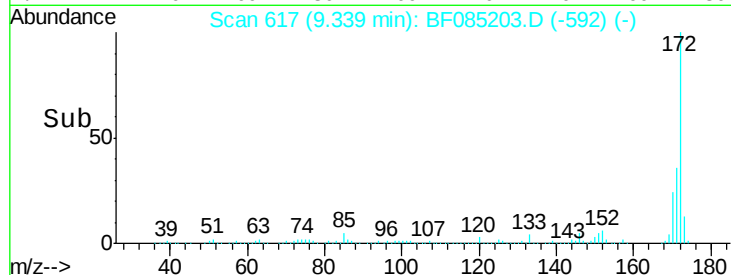
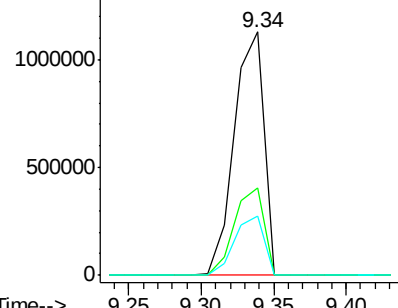
#44
 2-Fluorobiphenyl
 Concen: 80.75 ng
 RT: 9.34 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Tgt Ion:172 Resp: 1601899
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.3 43.9
 170 24.3 20.0 30.0

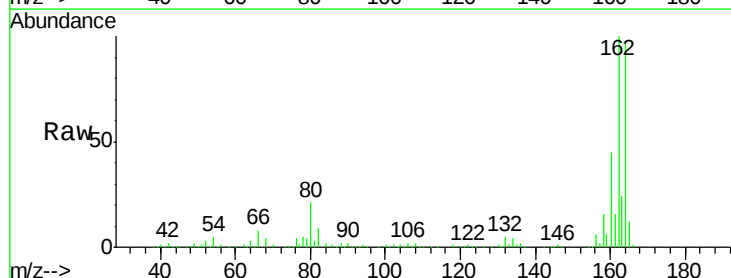


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

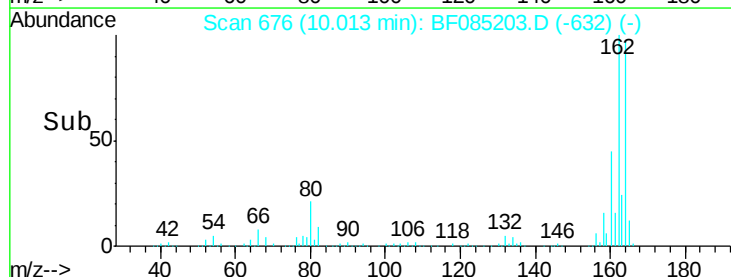
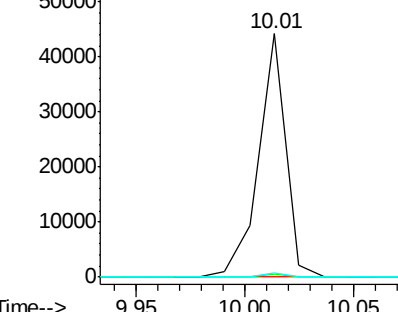


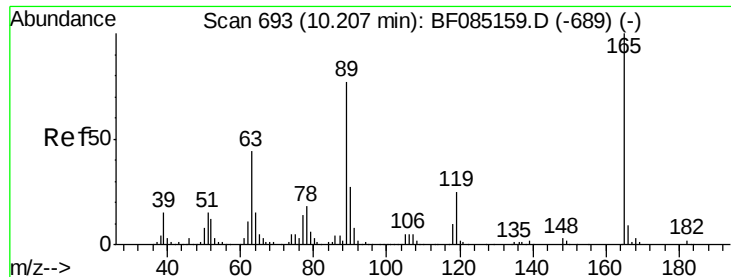
#50
 2,6-Dinitrotoluene
 Concen: 7.87 ng
 RT: 10.01 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Tgt Ion:165 Resp: 38978
 Ion Ratio Lower Upper
 165 100
 63 1.1 41.8 62.8#
 89 1.6 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

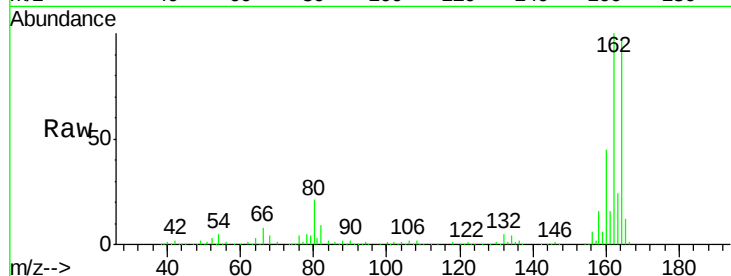




#56
2,4-Dinitrotoluene
Concen: 6.15 ng
RT: 10.01 min Scan# 676
Delta R.T. -0.19 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

Instrument :
BNA_F
ClientSampleId :
PB88682BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	35.4	53.0#
89	1.6	61.9	92.9#
182	0.0	1.9	2.9#

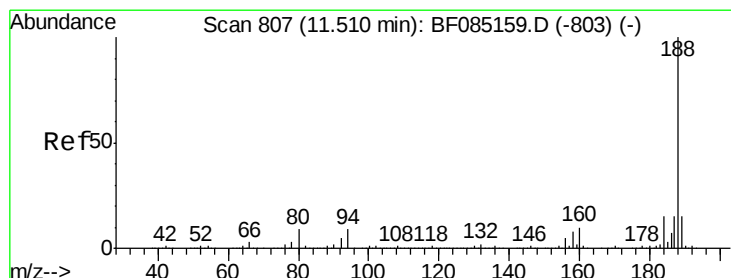
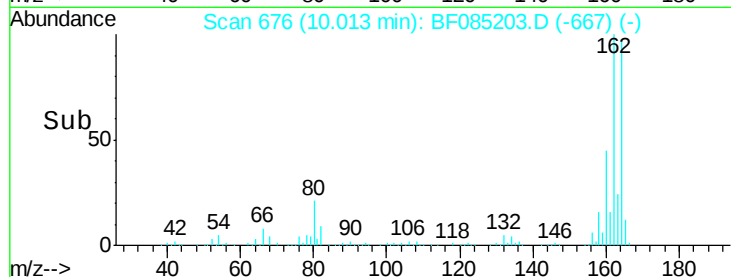
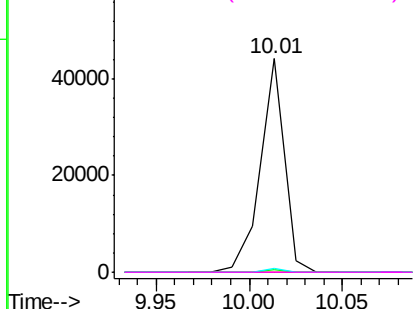


Abundance Ion 165.00 (164.70 to 165.70): E

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



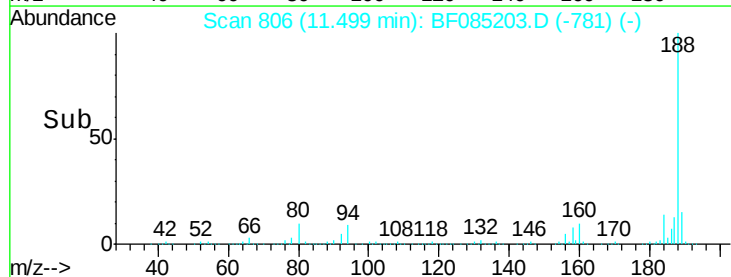
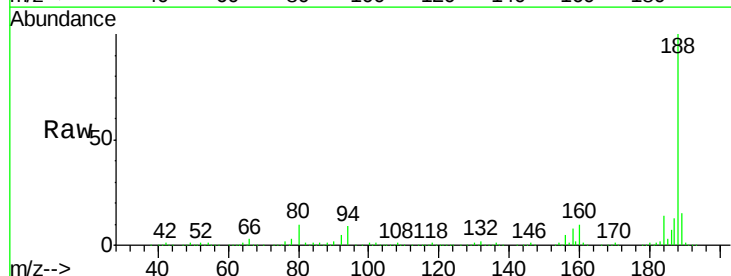
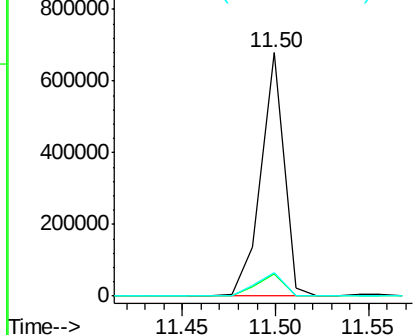
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.50 min Scan# 806
Delta R.T. -0.01 min
Lab File: BF085203.D
Acq: 4 Mar 2016 15:30

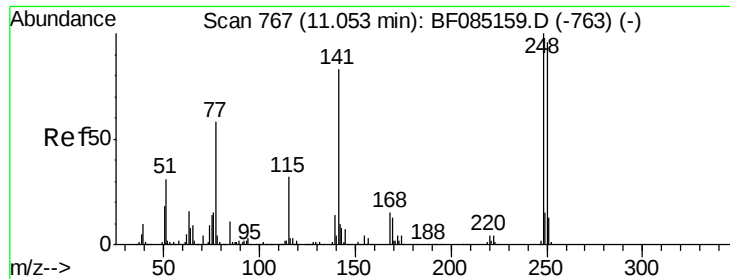
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.6
80	9.6	7.4	11.0

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: 2.87 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF085203.D

Acq: 4 Mar 2016 15:30

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PB88682BL

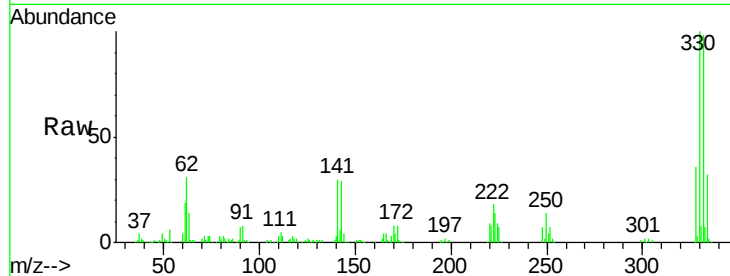
Tgt Ion:248 Resp: 16108

Ion Ratio Lower Upper

248 100

250 200.7 77.1 115.7#

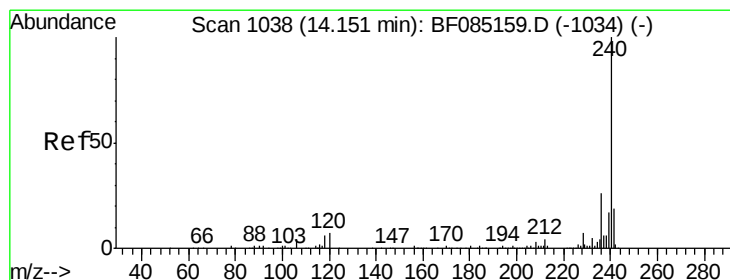
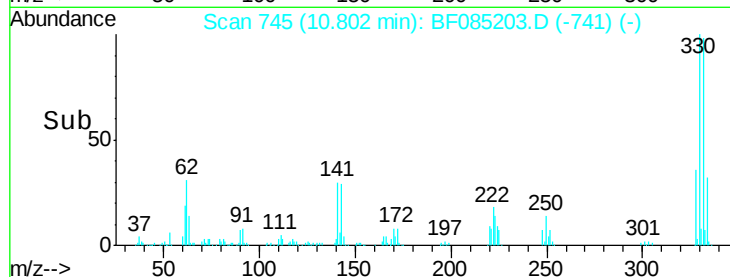
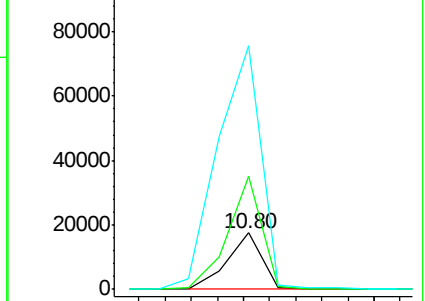
141 431.7 66.2 99.2#



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: BF085203.D

Acq: 4 Mar 2016 15:30

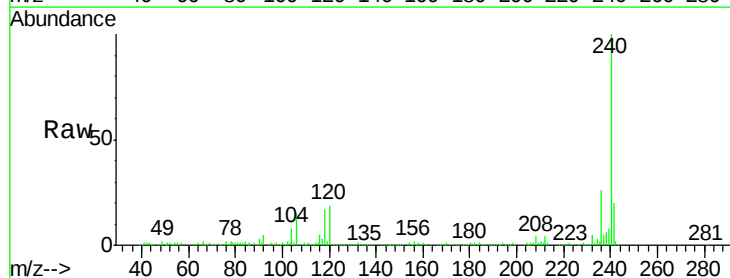
Tgt Ion:240 Resp: 392827

Ion Ratio Lower Upper

240 100

120 19.4 5.3 7.9#

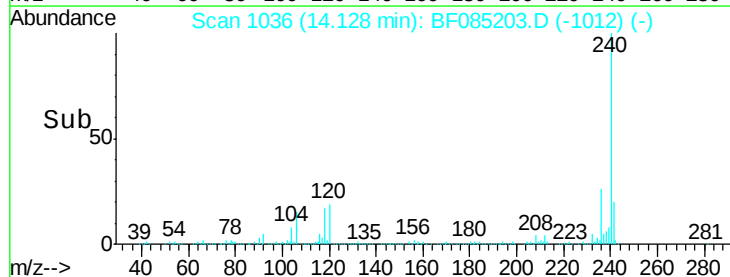
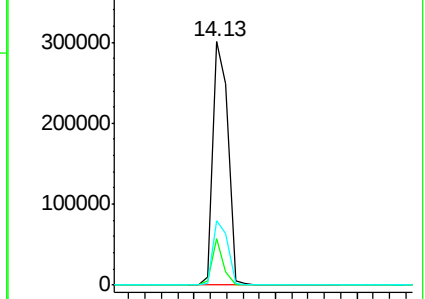
236 26.4 20.7 31.1

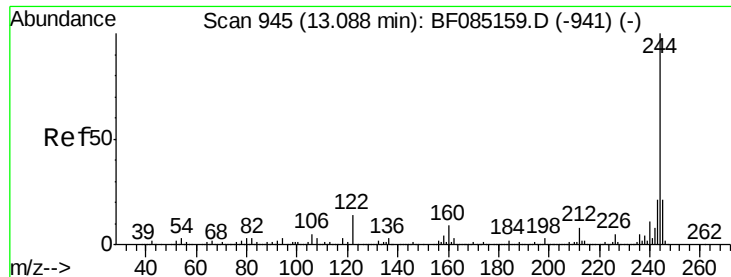


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

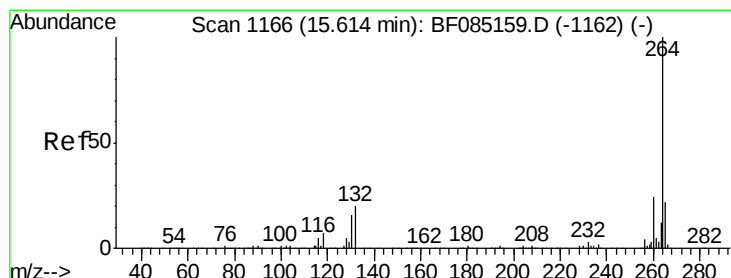
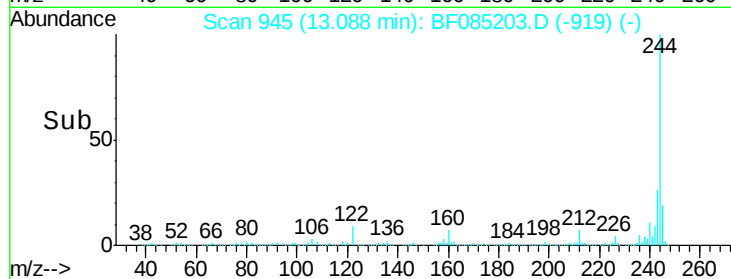
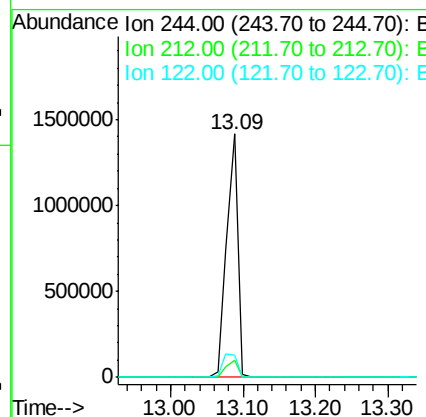
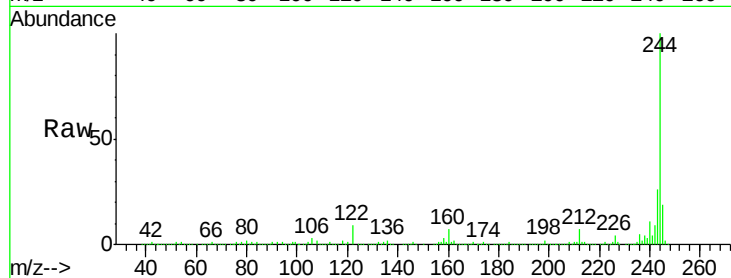




#78
 Terphenyl-d14
 Concen: 90.02 ng
 RT: 13.09 min Scan# 945
 Delta R.T. 0.00 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Instrument :
 BNA_F
 ClientSampleId :
 PB88682BL

Tgt Ion:244 Resp: 1523335
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.4 9.6
 122 9.3 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF085203.D
 Acq: 4 Mar 2016 15:30

Tgt Ion:264 Resp: 277495
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 21.6 17.3 25.9

