

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030416\
 Data File : BF085206.D
 Acq On : 4 Mar 2016 16:54
 Operator : SJ/IZ
 Sample : PB88703BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Quant Time: Mar 04 22:07:57 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

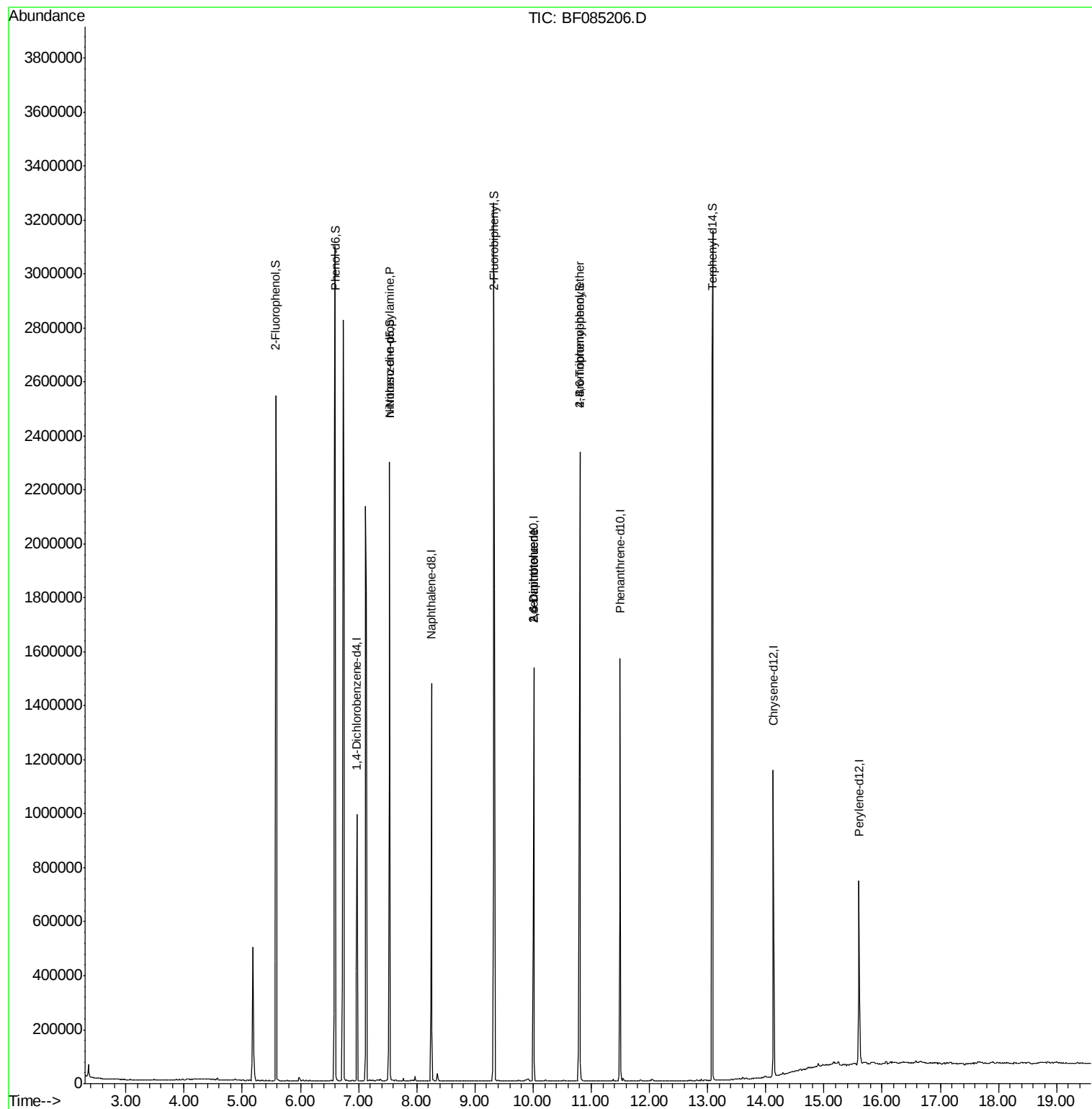
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165451	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	657498	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	319853	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	620140	20.00	ng	-0.01
75) Chrysene-d12	14.13	240	422543	20.00	ng	-0.02
86) Perylene-d12	15.60	264	292354	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1015583	102.96	ng	0.00
7) Phenol-d6	6.60	99	1342910	103.92	ng	-0.01
23) Nitrobenzene-d5	7.53	82	863206	70.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	305638	111.67	ng	-0.01
44) 2-Fluorobiphenyl	9.33	172	1400934	66.61	ng	-0.02
78) Terphenyl-d14	13.09	244	1396560	76.73	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1787	Below Cal	#	2
19) n-Nitroso-di-n-propylamine	7.53	70	117287	13.93	ng	# 76
50) 2,6-Dinitrotoluene	10.01	165	41045	7.82	ng	# 26
56) 2,4-Dinitrotoluene	10.01	165	41048	6.11	ng	# 22
66) 4-Bromophenyl-phenylether	10.80	248	22447	3.73	ng	# 1

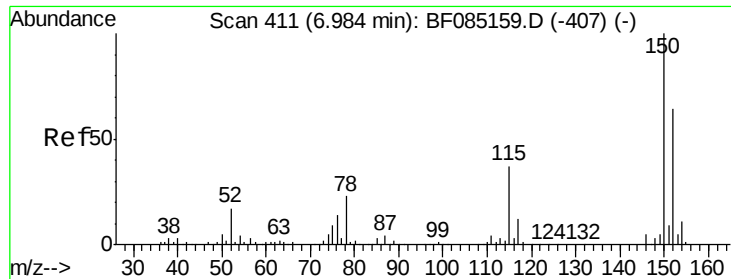
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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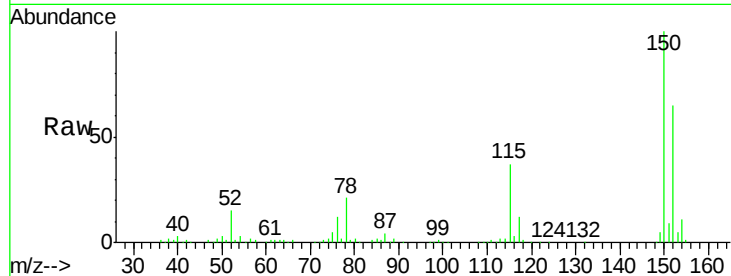


#1

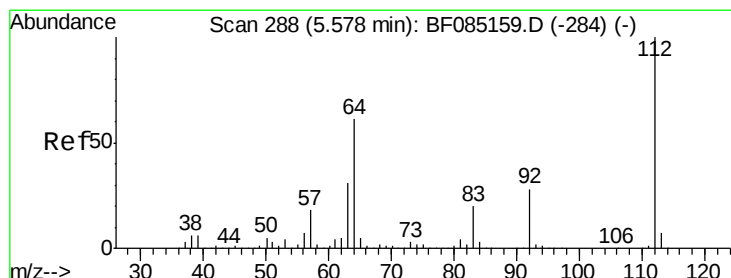
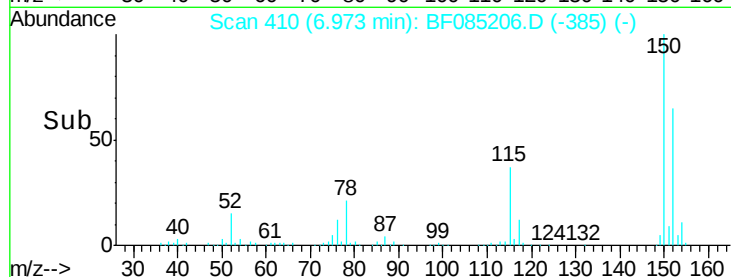
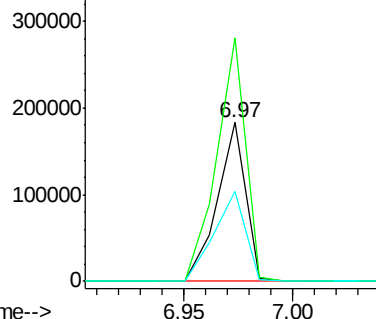
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 410
Delta R.T. -0.01 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Instrument :
BNA_F
ClientSampleId :
PB88703BL

Tgt Ion:152 Resp: 165451
Ion Ratio Lower Upper
152 100
150 153.1 124.6 186.8
115 56.3 46.6 70.0



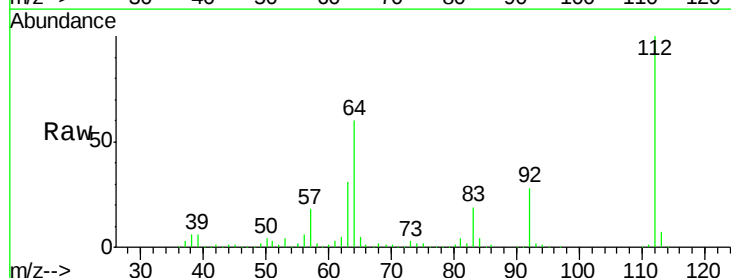
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



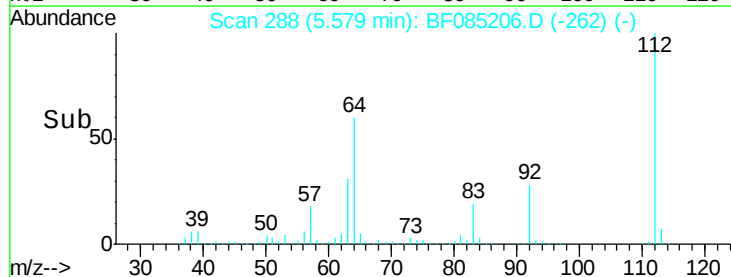
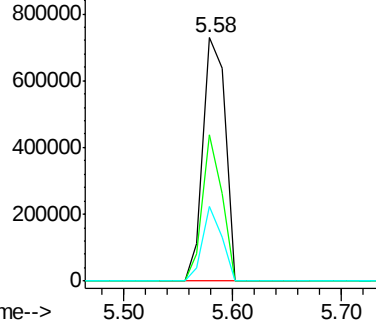
#5

2-Fluorophenol
Concen: 102.96 ng
RT: 5.58 min Scan# 288
Delta R.T. 0.00 min
Lab File: BF085206.D
Acq: 4 Mar 2016 16:54

Tgt Ion:112 Resp: 1015583
Ion Ratio Lower Upper
112 100
64 60.3 49.0 73.4
63 30.5 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: 103.92 ng

RT: 6.60 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

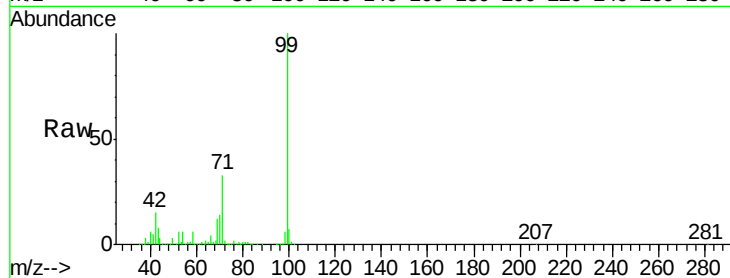
Tgt Ion: 99 Resp: 1342910

Ion Ratio Lower Upper

99 100

42 15.3 13.6 20.4

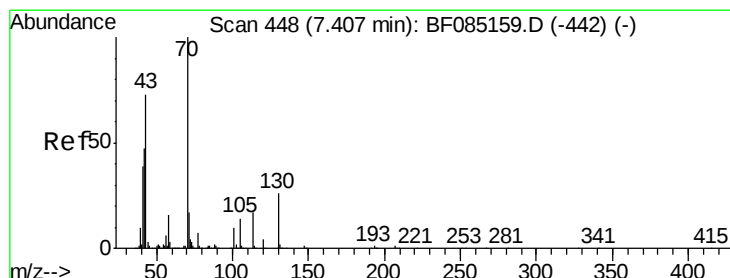
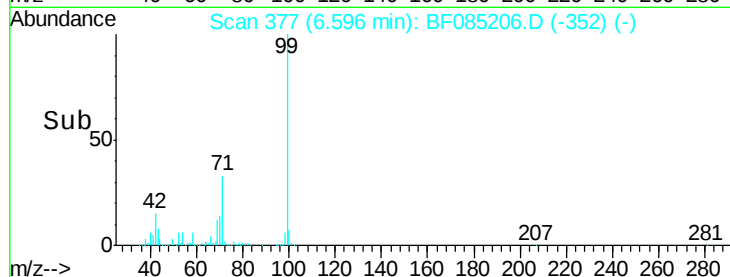
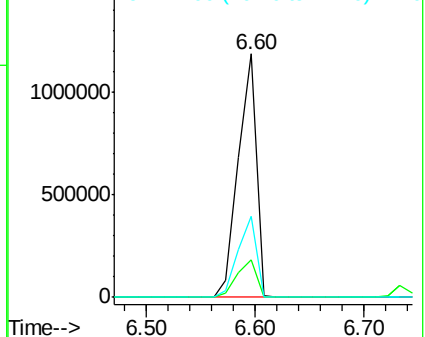
71 33.1 26.7 40.1



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: 13.93 ng

RT: 7.53 min Scan# 459

Delta R.T. 0.13 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Tgt Ion: 70 Resp: 117287

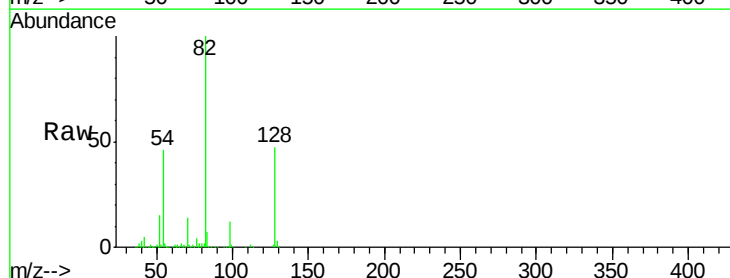
Ion Ratio Lower Upper

70 100

42 40.3 37.7 56.5

101 0.0 8.2 12.4#

130 2.1 20.5 30.7#

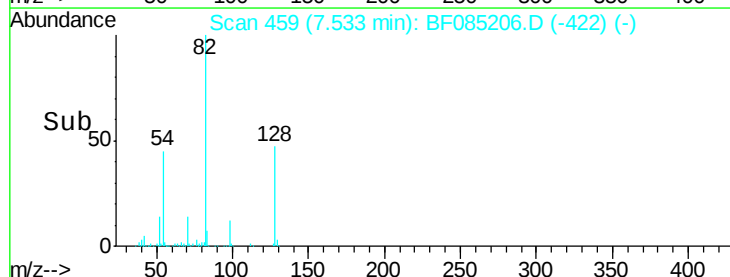
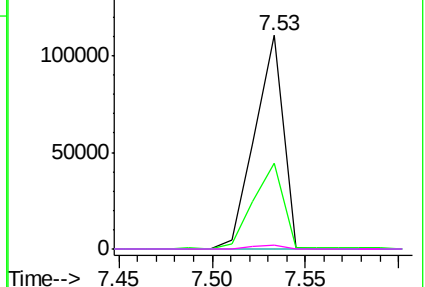


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

Tgt Ion:136 Resp: 657498

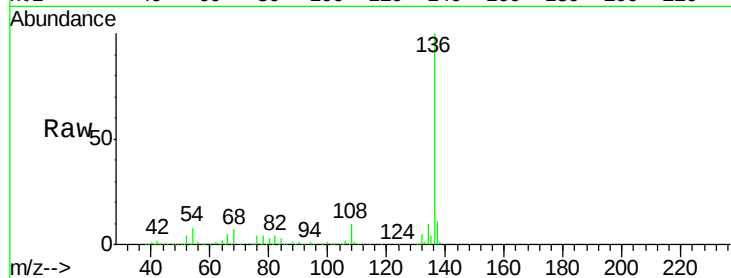
Ion Ratio Lower Upper

136 100

137 11.3 9.3 13.9

54 8.0 7.4 11.2

68 6.9 6.0 9.0

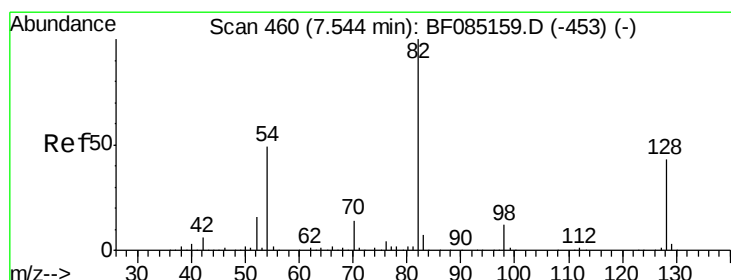
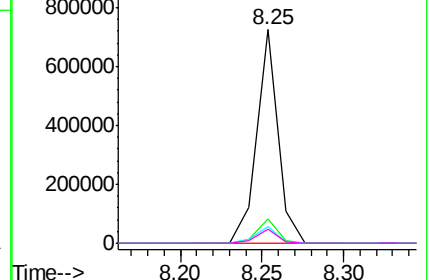
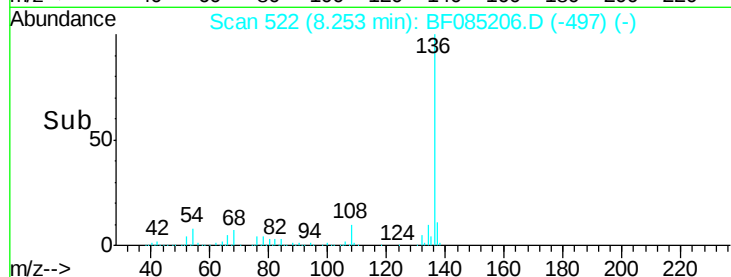


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.25 ng

RT: 7.53 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

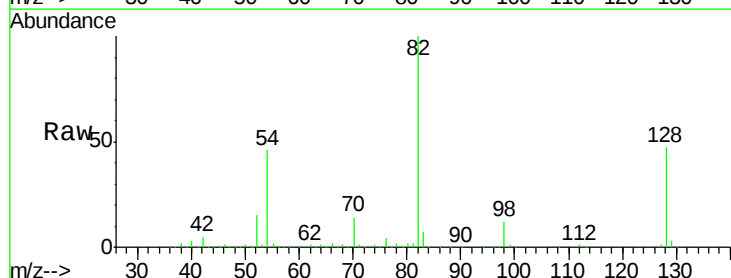
Tgt Ion: 82 Resp: 863206

Ion Ratio Lower Upper

82 100

128 47.1 34.5 51.7

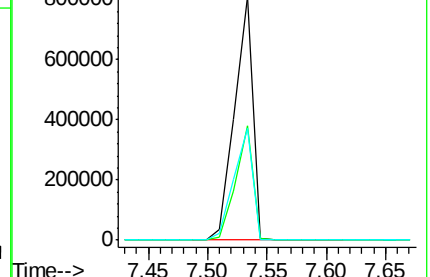
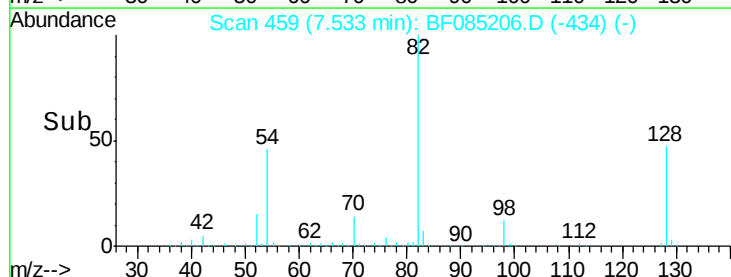
54 45.7 39.3 58.9

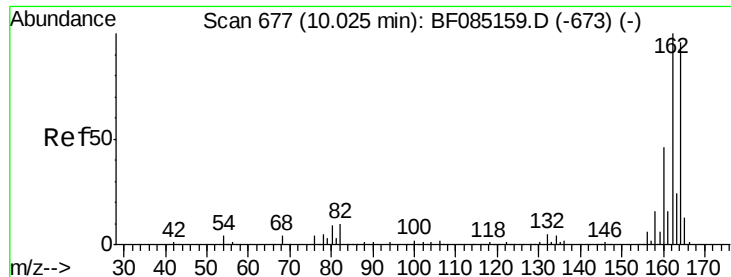


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

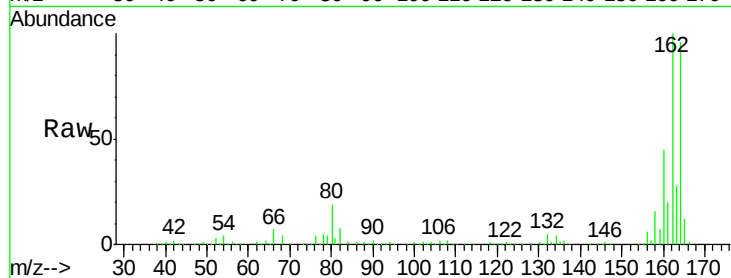
Tgt Ion:164 Resp: 319853

Ion Ratio Lower Upper

164 100

162 103.9 83.3 124.9

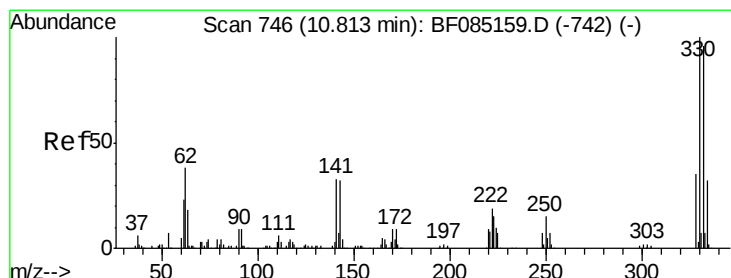
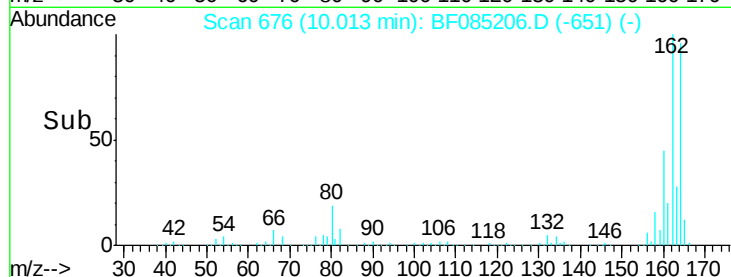
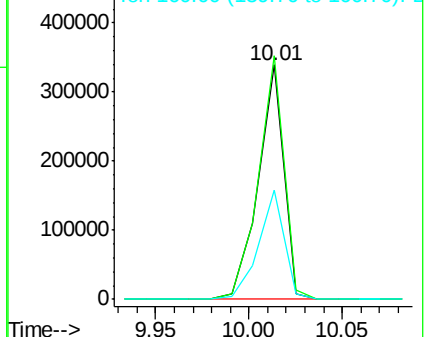
160 46.8 37.9 56.9



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: 111.67 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

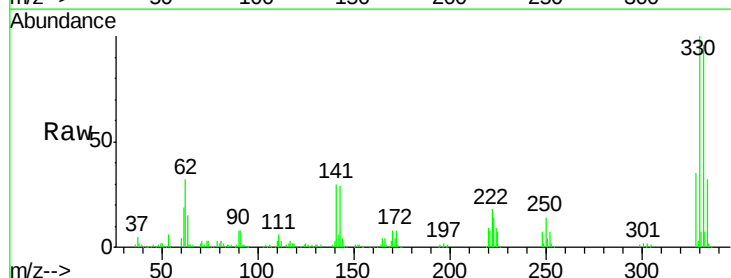
Tgt Ion:330 Resp: 305638

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

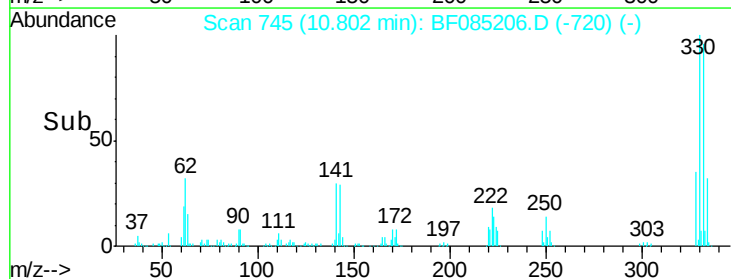
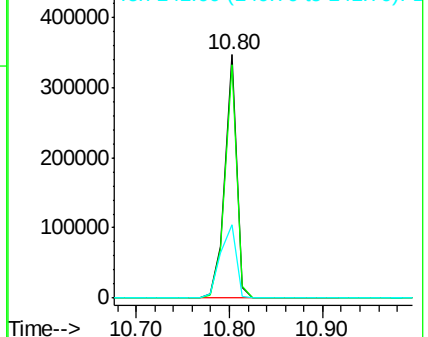
141 39.7 35.0 52.6

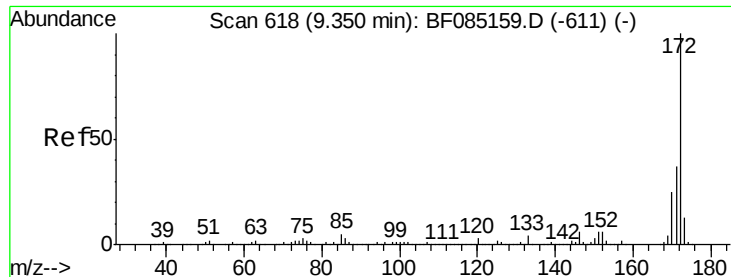


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

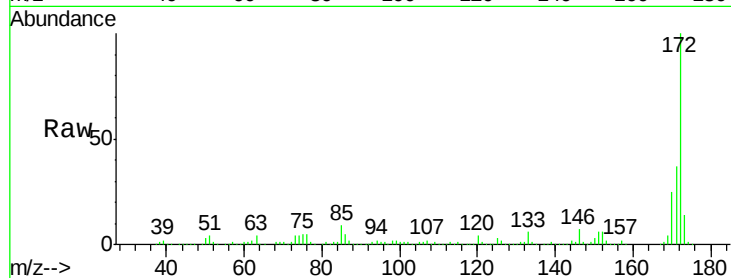




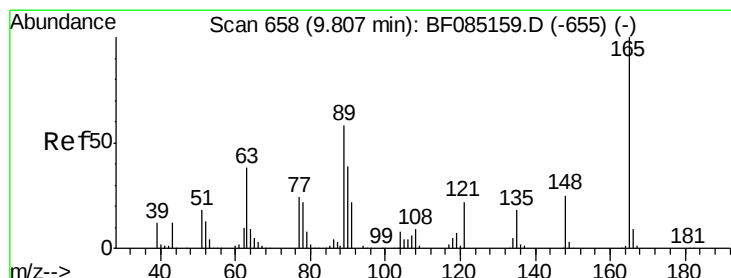
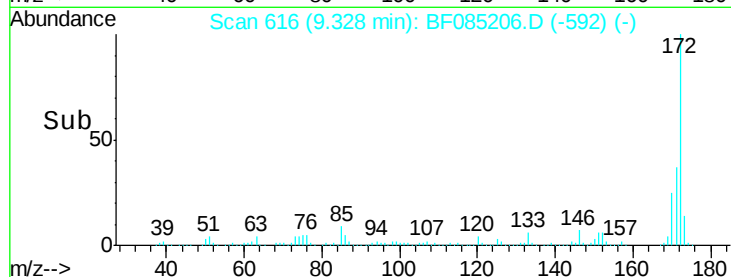
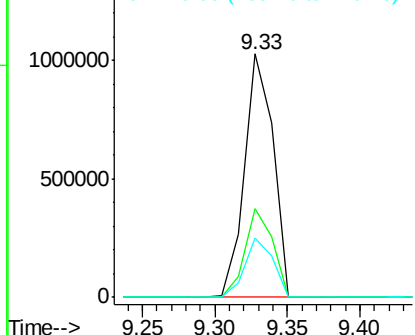
#44
 2-Fluorobiphenyl
 Concen: 66.61 ng
 RT: 9.33 min Scan# 616
 Delta R.T. -0.02 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Instrument :
 BNA_F
 ClientSampleId :
 PB88703BL

Tgt Ion:172 Resp: 1400934
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.3 43.9
 170 24.5 20.0 30.0

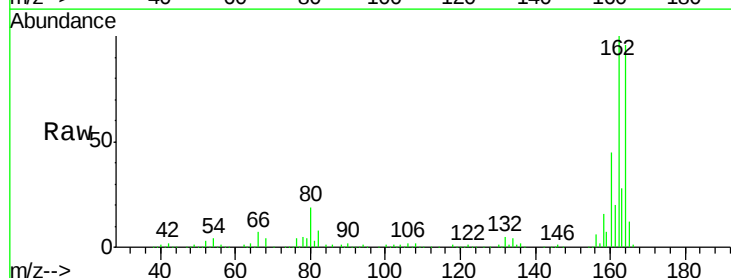


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

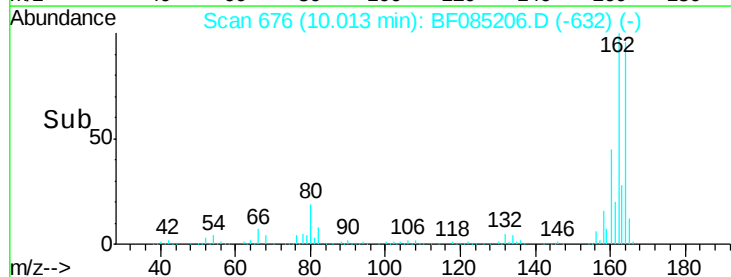
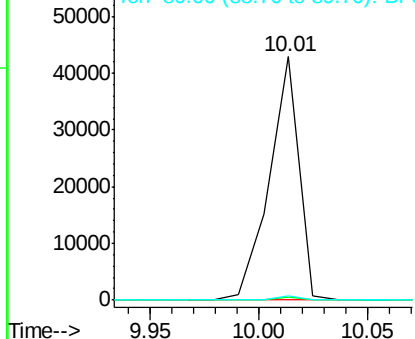


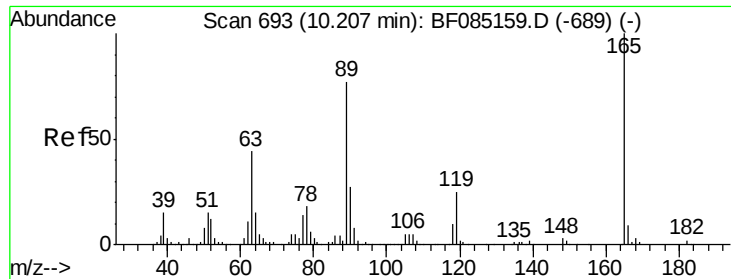
#50
 2,6-Dinitrotoluene
 Concen: 7.82 ng
 RT: 10.01 min Scan# 676
 Delta R.T. 0.21 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Tgt Ion:165 Resp: 41045
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

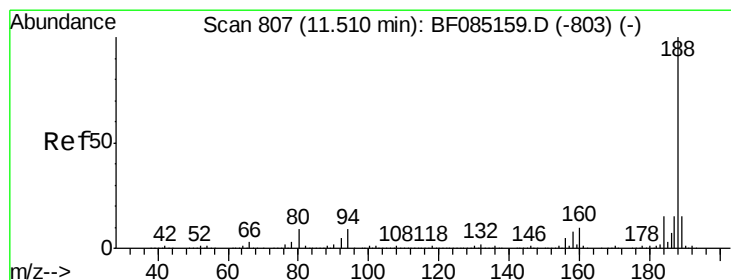
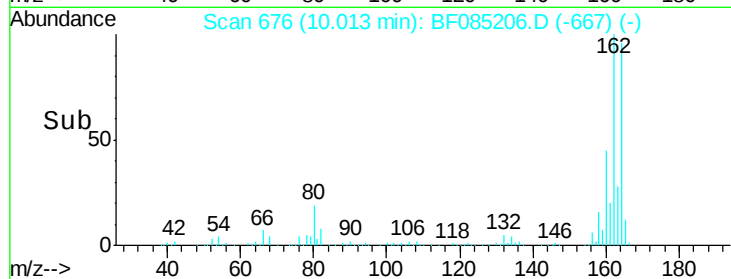
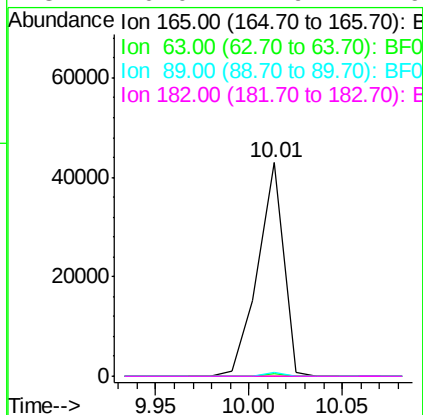
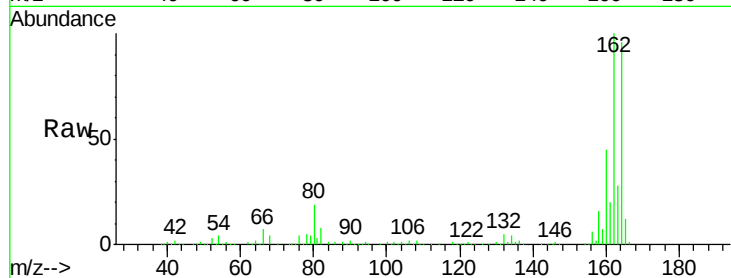




#56
 2,4-Dinitrotoluene
 Concen: 6.11 ng
 RT: 10.01 min Scan# 676
 Delta R.T. -0.19 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

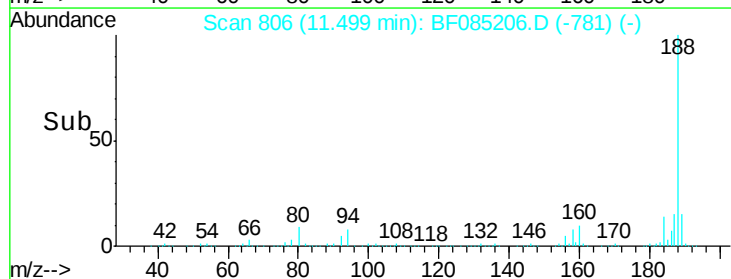
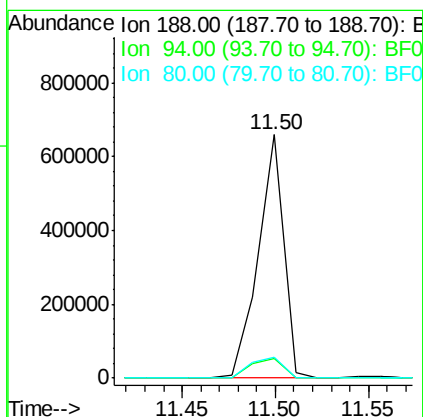
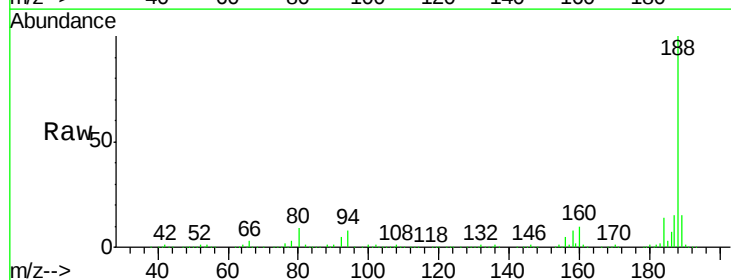
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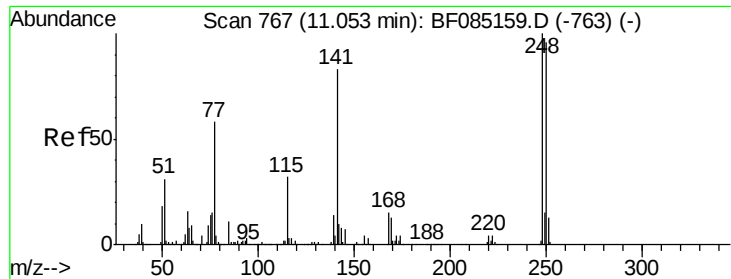
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	35.4	53.0#
89	1.7	61.9	92.9#
182	0.0	1.9	2.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: BF085206.D
 Acq: 4 Mar 2016 16:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.6
80	8.6	7.4	11.0





#66

4-Bromophenyl-phenylether

Concen: 3.73 ng

RT: 10.80 min Scan# 745

Delta R.T. -0.25 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

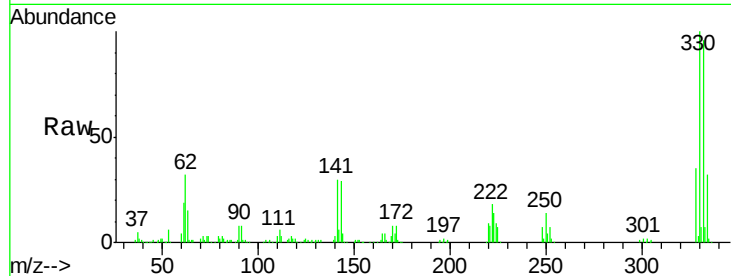
Tgt Ion:248 Resp: 22447

Ion Ratio Lower Upper

248 100

250 200.0 77.1 115.7#

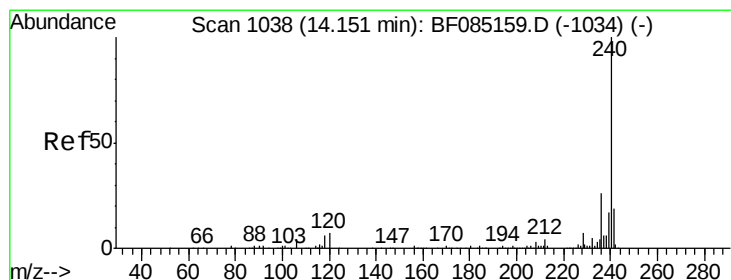
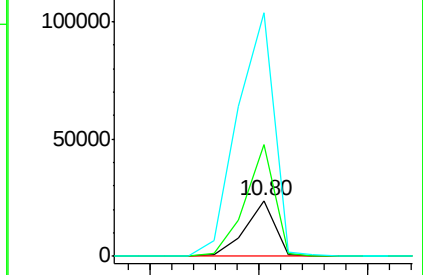
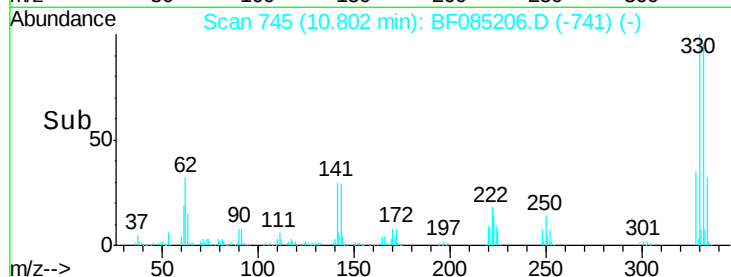
141 437.6 66.2 99.2#



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: BF085206.D

Acq: 4 Mar 2016 16:54

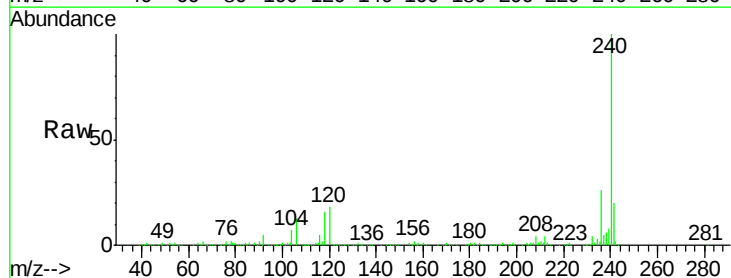
Tgt Ion:240 Resp: 422543

Ion Ratio Lower Upper

240 100

120 17.6 5.3 7.9#

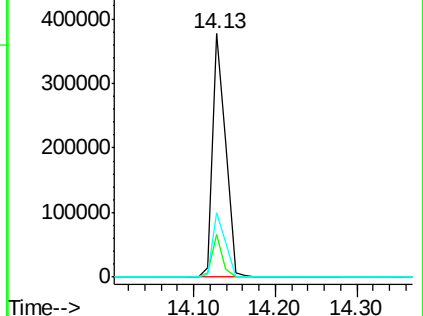
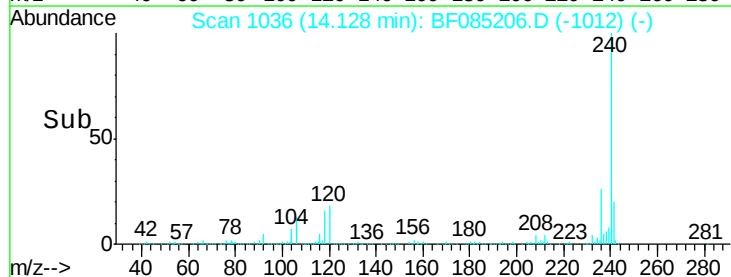
236 26.4 20.7 31.1

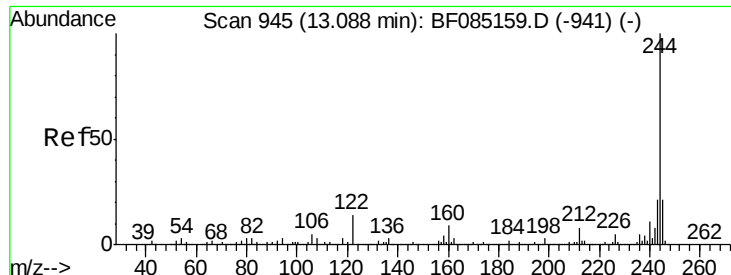


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.73 ng

RT: 13.09 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF085206.D

Acq: 4 Mar 2016 16:54

Instrument :

BNA_F

ClientSampleId :

PB88703BL

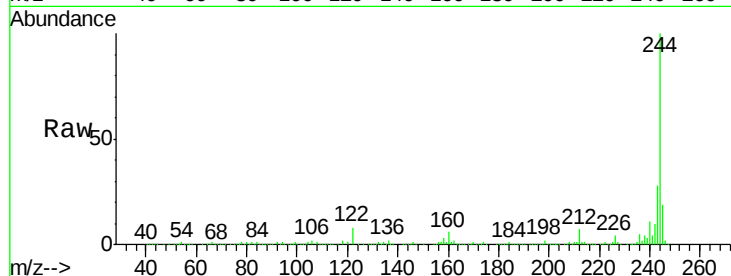
Tgt Ion:244 Resp: 1396560

Ion Ratio Lower Upper

244 100

212 6.7 6.4 9.6

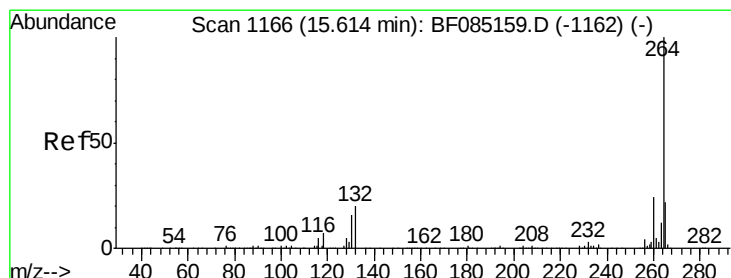
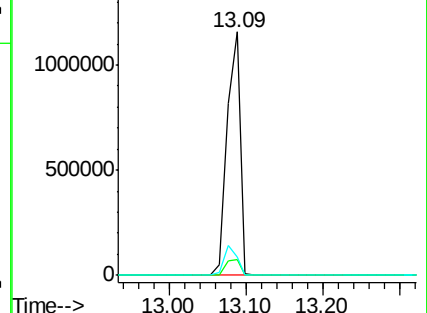
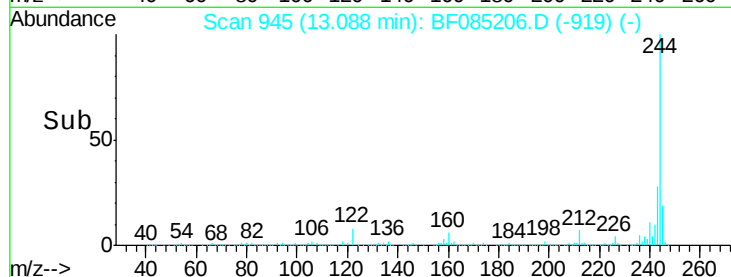
122 7.6 11.4 17.2#



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: BF085206.D

Acq: 4 Mar 2016 16:54

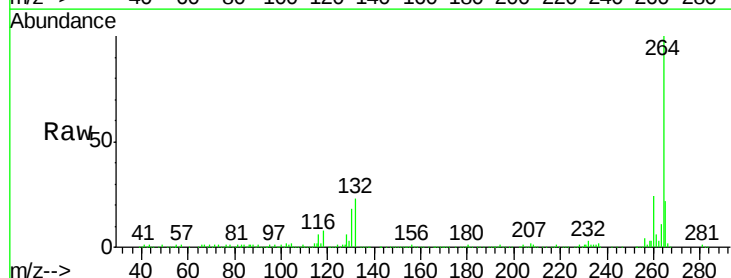
Tgt Ion:264 Resp: 292354

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.0 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

