

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086095.D
 Acq On : 6 Apr 2016 13:38
 Operator : UM/SJ
 Sample : PB89567BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Quant Time: Apr 07 01:02:02 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 01 23:17:06 2016
 Response via : Initial Calibration

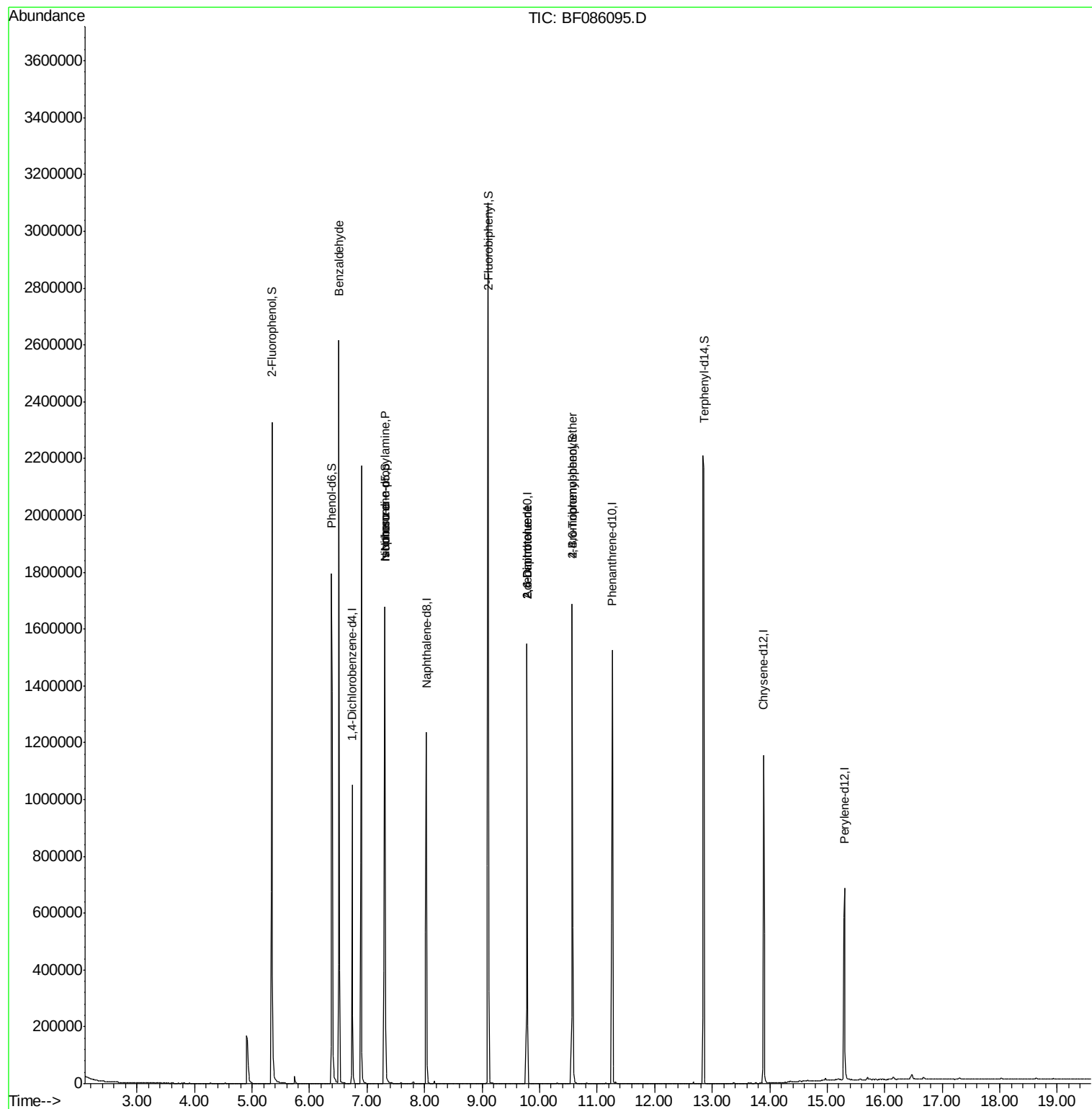
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	156943	20.00	ng	-0.03
21) Naphthalene-d8	8.03	136	650704	20.00	ng	-0.03
38) Acenaphthene-d10	9.78	164	297668	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	595648	20.00	ng	-0.03
75) Chrysene-d12	13.89	240	442209	20.00	ng	-0.03
86) Perylene-d12	15.30	264	351531	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	758695	82.63	ng	-0.02
7) Phenol-d6	6.38	99	972800	83.41	ng	-0.03
23) Nitrobenzene-d5	7.31	82	581591	52.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.57	330	227922	81.58	ng	-0.03
44) 2-Fluorobiphenyl	9.10	172	976595	54.55	ng	-0.03
78) Terphenyl-d14	12.85	244	1099905	58.47	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.51	77	15585	2.48	ng	83
19) n-Nitroso-di-n-propylamine	7.31	70	76254	10.55	ng	# 78
25) Isophorone	7.31	82	484711	22.25	ng	# 68
50) 2,6-Dinitrotoluene	9.78	165	38198	8.18	ng	# 19
56) 2,4-Dinitrotoluene	9.78	165	38192	6.47	ng	# 37
66) 4-Bromophenyl-phenylether	10.57	248	14663	2.41	ng	# 1

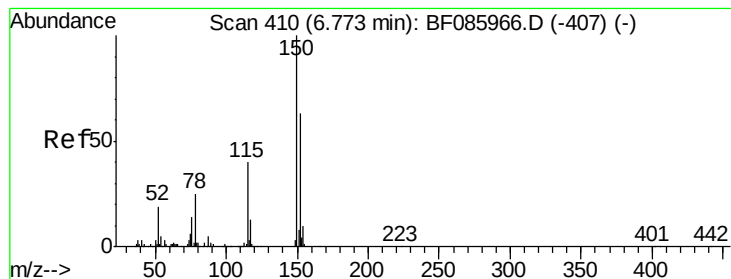
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086095.D
Acq On : 6 Apr 2016 13:38
Operator : UM/SJ
Sample : PB89567BL
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB89567BL

Quant Time: Apr 07 01:02:02 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

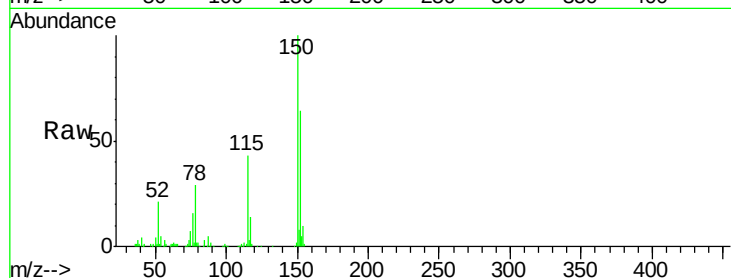
Tgt Ion:152 Resp: 156943

Ion Ratio Lower Upper

152 100

150 156.4 124.2 186.2

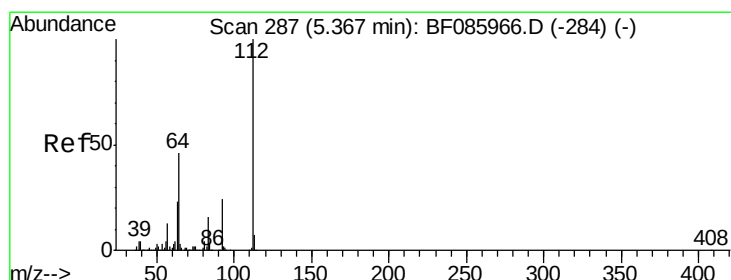
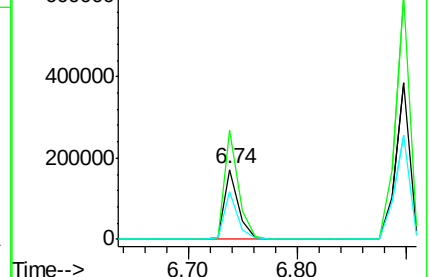
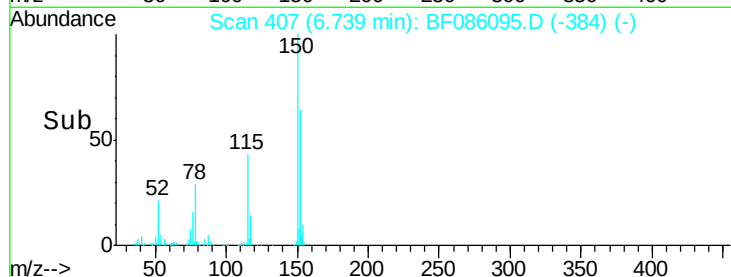
115 67.4 47.0 70.6



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: 82.63 ng

RT: 5.34 min Scan# 285

Delta R.T. -0.02 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

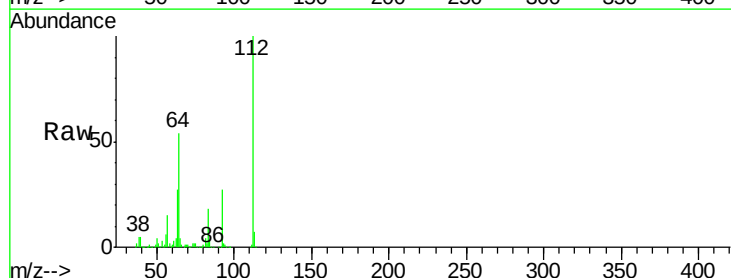
Tgt Ion:112 Resp: 758695

Ion Ratio Lower Upper

112 100

64 54.0 39.9 59.9

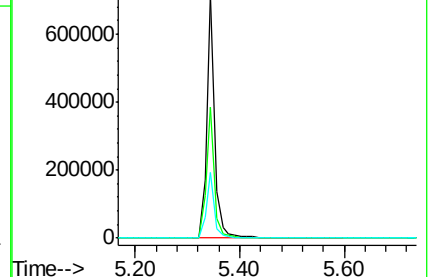
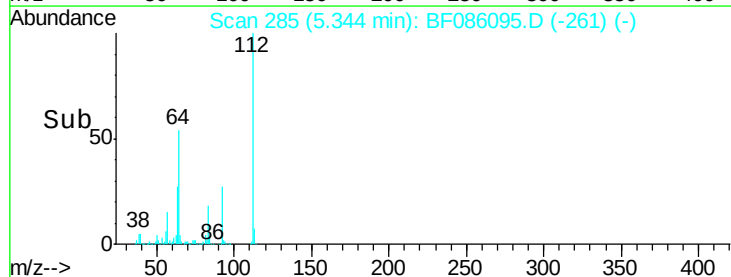
63 27.2 20.2 30.2

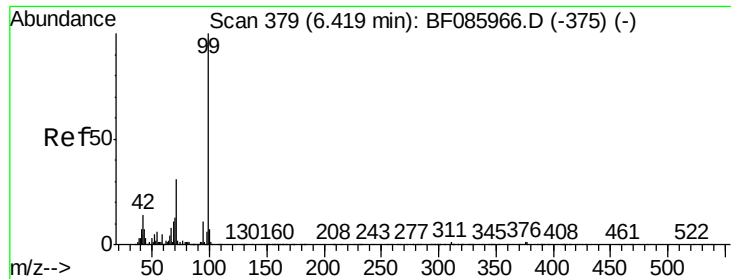


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.41 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

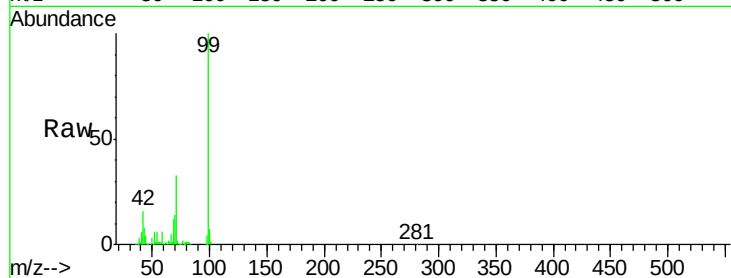
Tgt Ion: 99 Resp: 972800

Ion Ratio Lower Upper

99 100

42 15.9 11.1 16.7

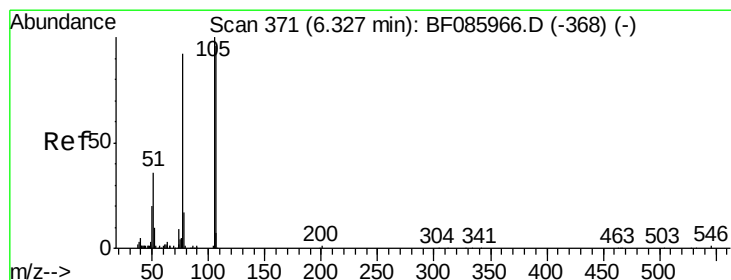
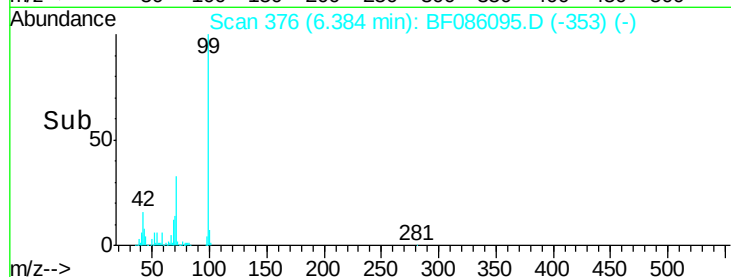
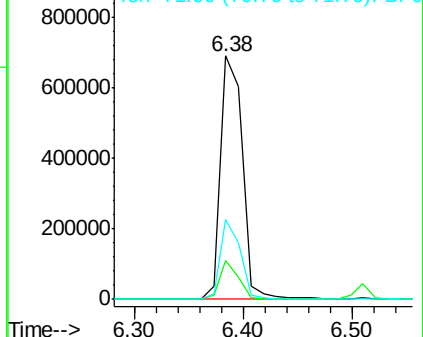
71 33.0 24.9 37.3



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



#9

Benzaldehyde

Concen: 2.48 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.18 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

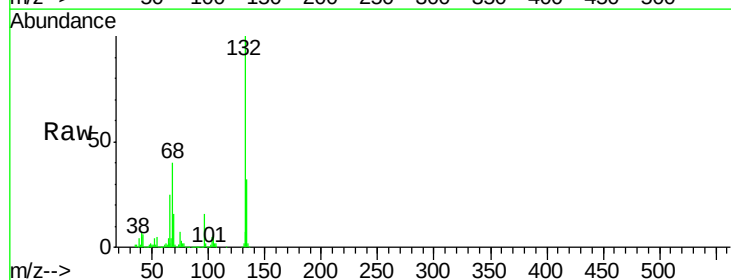
Tgt Ion: 77 Resp: 15585

Ion Ratio Lower Upper

77 100

105 82.2 80.1 120.1

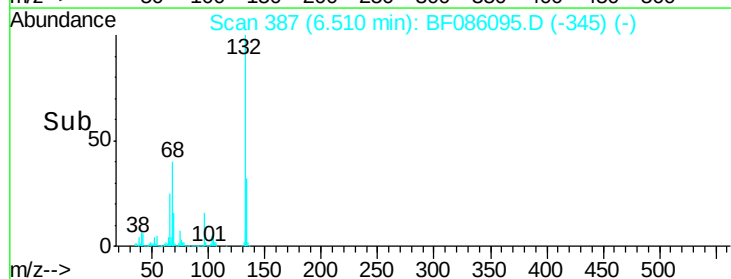
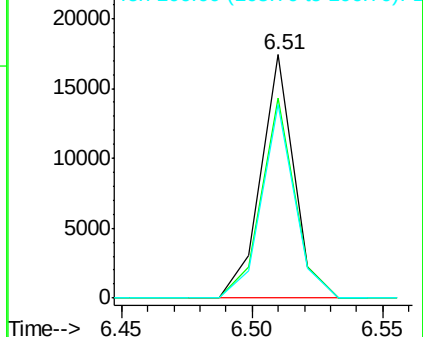
106 79.8 75.0 115.0

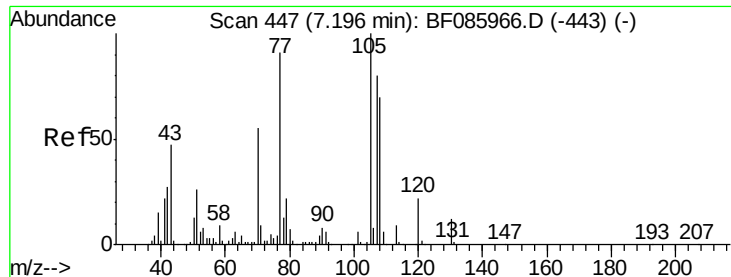


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

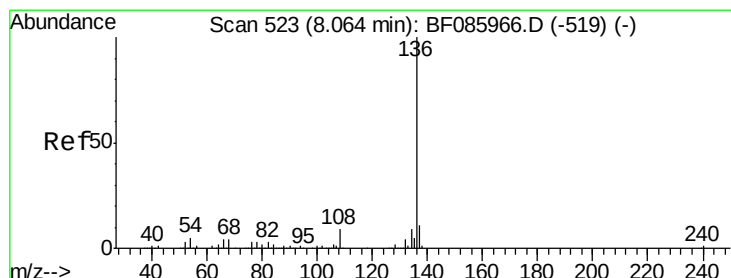
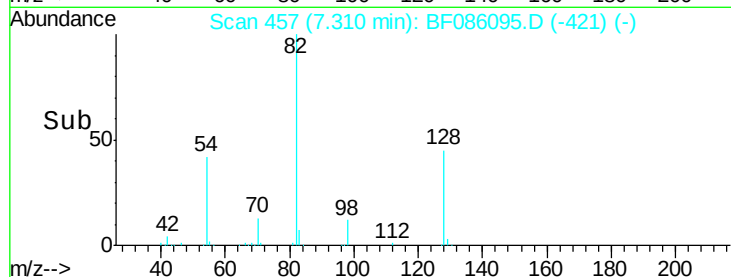
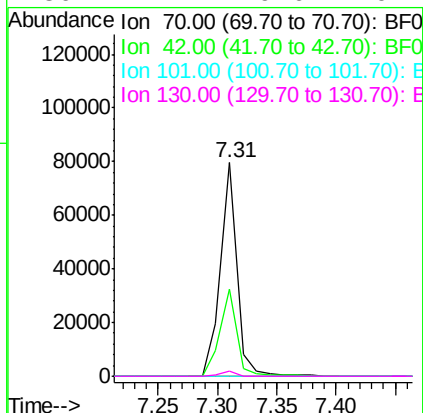
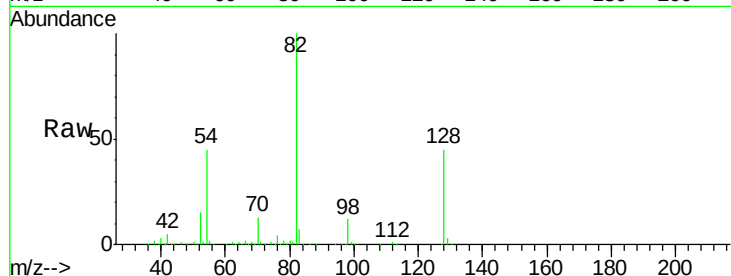




#19
n-Nitroso-di-n-propylamine
Concen: 10.55 ng
RT: 7.31 min Scan# 457
Delta R.T. 0.11 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

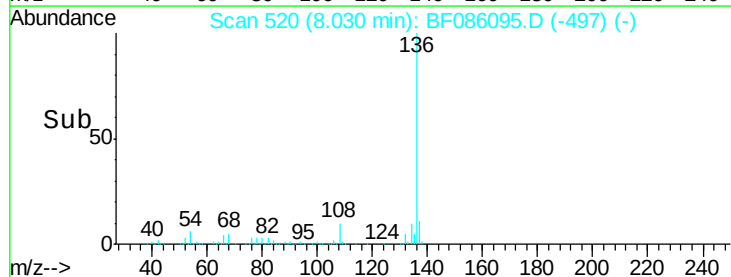
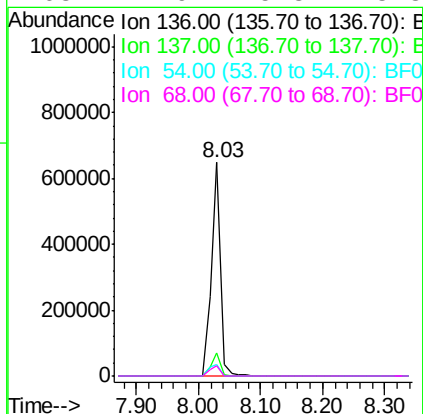
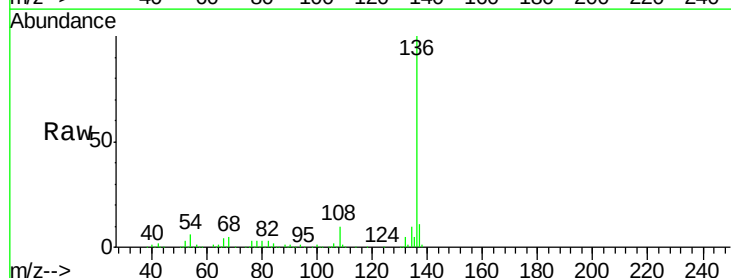
Instrument :
BNA_F
ClientSampleId :
PB89567BL

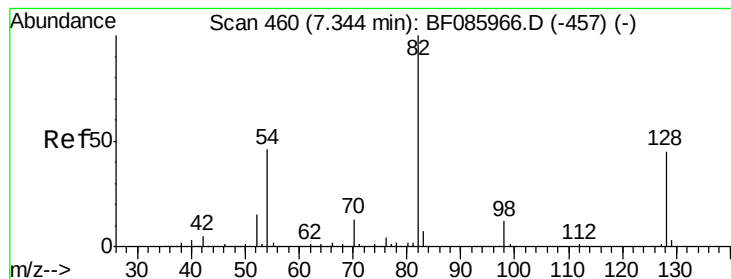
Tgt Ion: 70 Resp: 76254
Ion Ratio Lower Upper
70 100
42 40.5 37.1 55.7
101 0.0 8.6 12.8#
130 2.2 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 520
Delta R.T. -0.03 min
Lab File: BF086095.D
Acq: 6 Apr 2016 13:38

Tgt Ion: 136 Resp: 650704
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 5.6 7.4 11.0#
68 4.9 5.8 8.8#





#23

Nitrobenzene-d5

Concen: 52.71 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

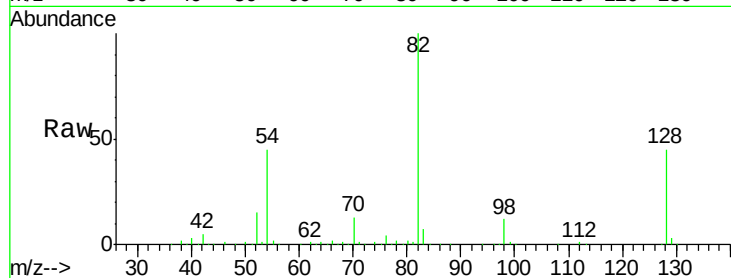
Tgt Ion: 82 Resp: 581591

Ion Ratio Lower Upper

82 100

128 45.0 41.8 62.8

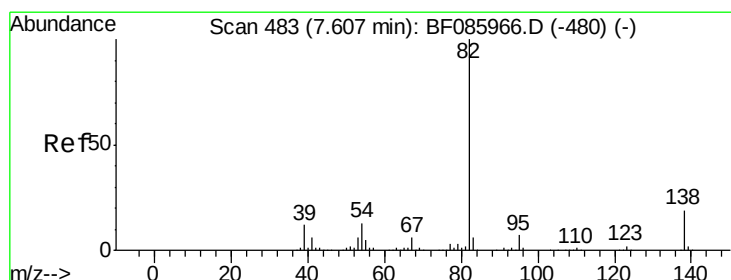
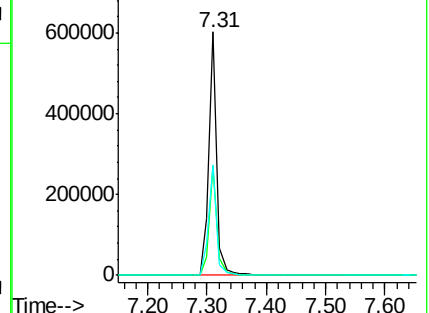
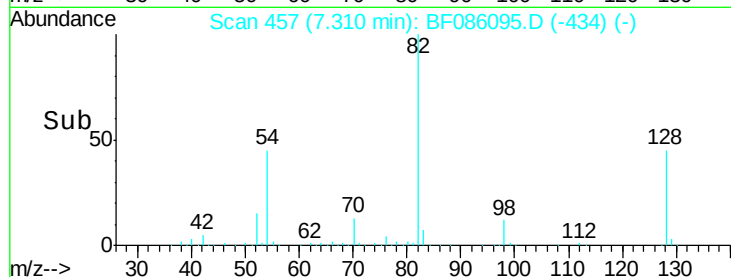
54 45.5 33.4 50.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 22.25 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.30 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

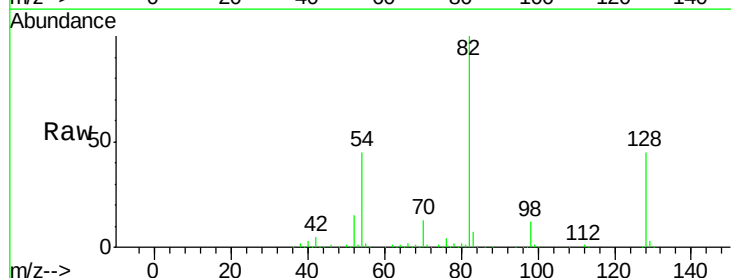
Tgt Ion: 82 Resp: 484711

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

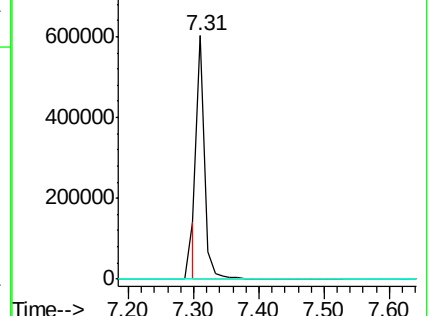
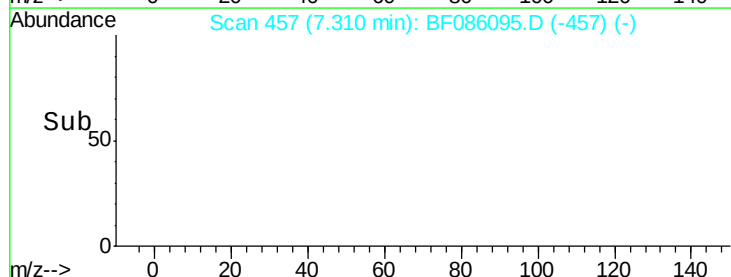
138 0.0 12.9 19.3#

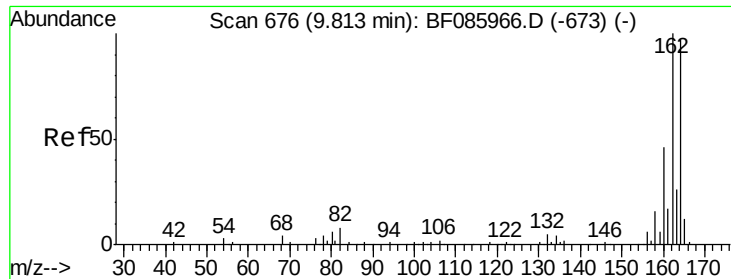


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

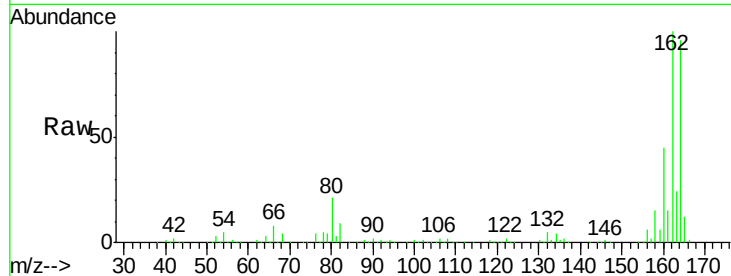




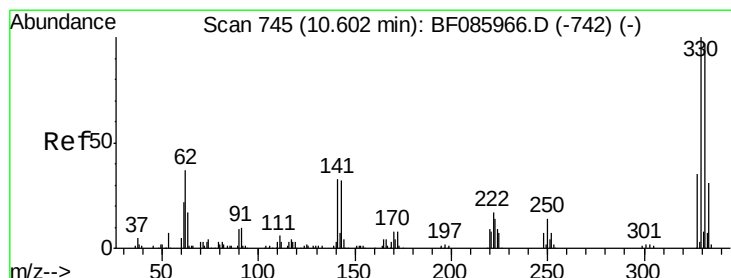
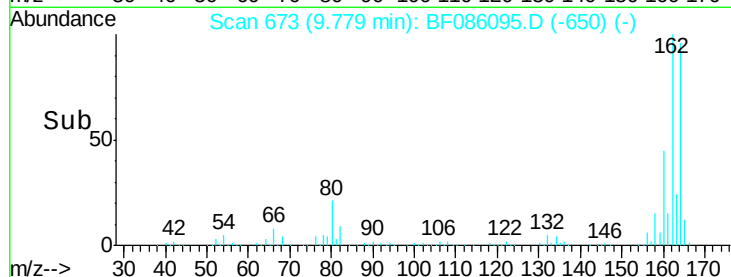
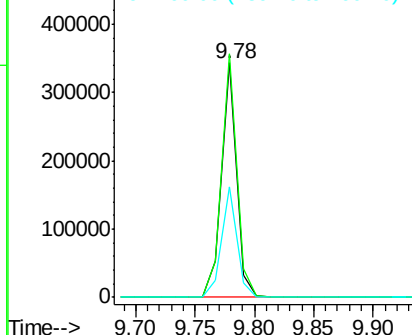
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Tgt Ion:164 Resp: 297668
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.1 123.1
 160 47.3 37.4 56.2

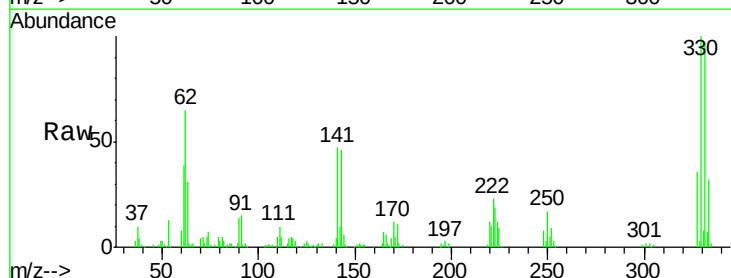


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

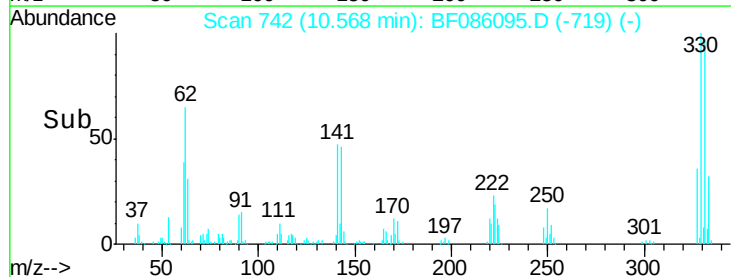
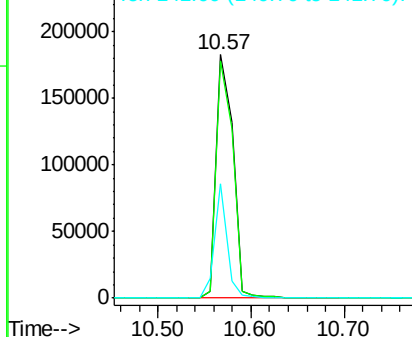


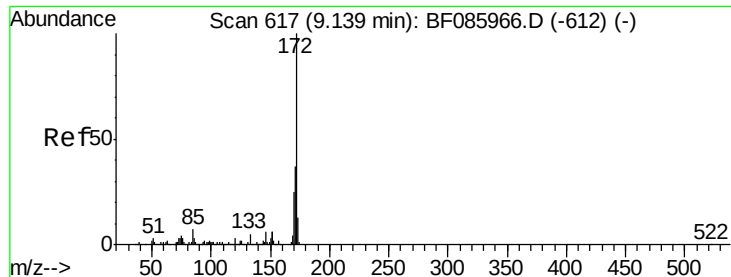
#41
 2,4,6-Tribromophenol
 Concen: 81.58 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Tgt Ion:330 Resp: 227922
 Ion Ratio Lower Upper
 330 100
 332 96.8 78.2 117.2
 141 35.4 31.5 47.3



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: 54.55 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

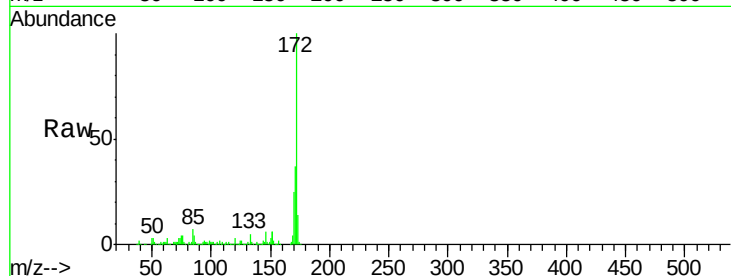
Tgt Ion:172 Resp: 976595

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.2

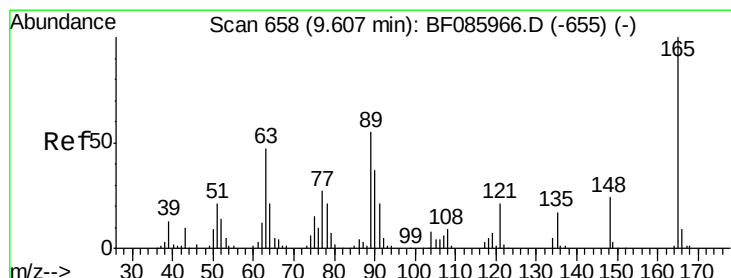
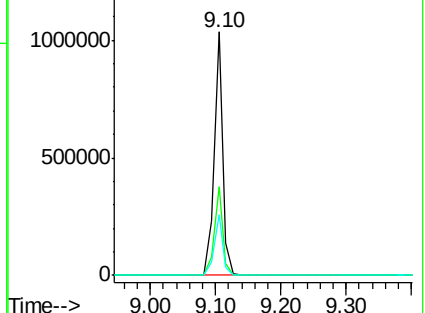
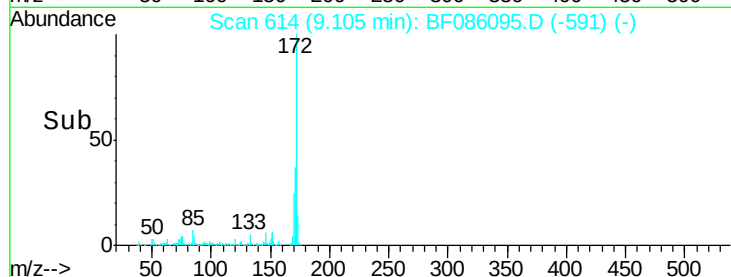
170 25.0 19.8 29.6



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: 8.18 ng

RT: 9.78 min Scan# 673

Delta R.T. 0.17 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

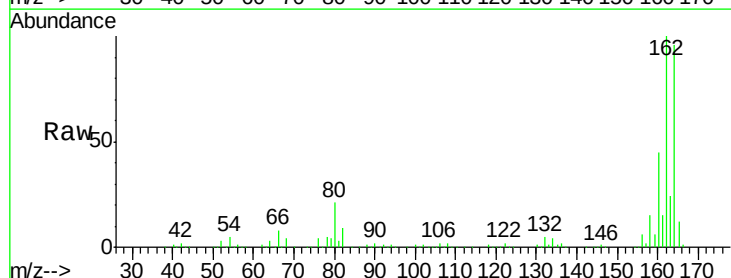
Tgt Ion:165 Resp: 38198

Ion Ratio Lower Upper

165 100

63 1.2 51.8 77.8#

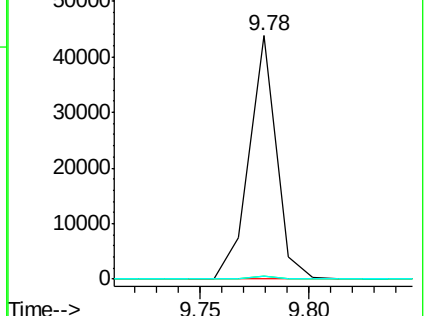
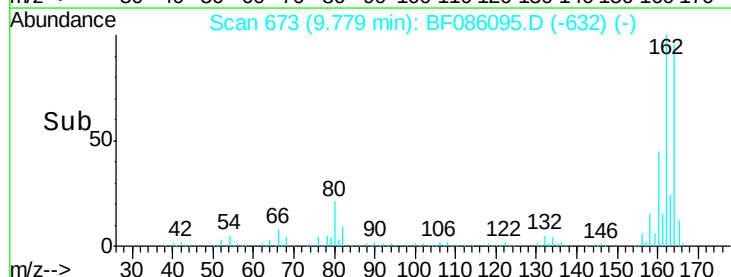
89 1.4 53.7 80.5#

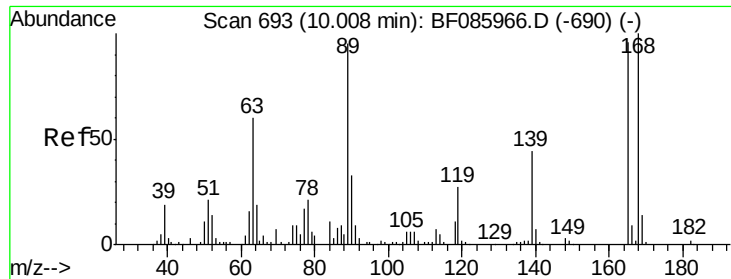


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

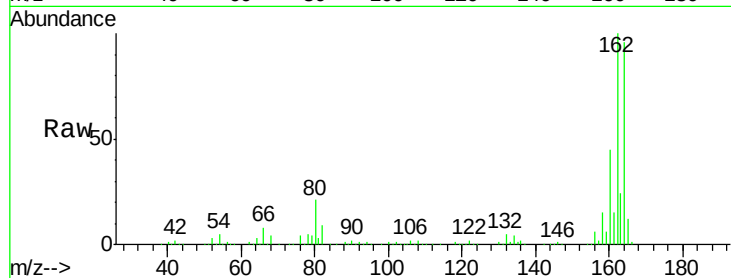




#56
 2,4-Dinitrotoluene
 Concen: 6.47 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.23 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

Instrument :
 BNA_F
 ClientSampleId :
 PB89567BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	24.9	37.3#
89	1.4	41.0	61.6#
182	0.0	2.1	3.1#

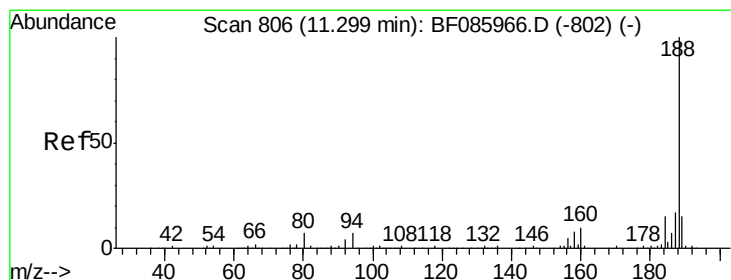
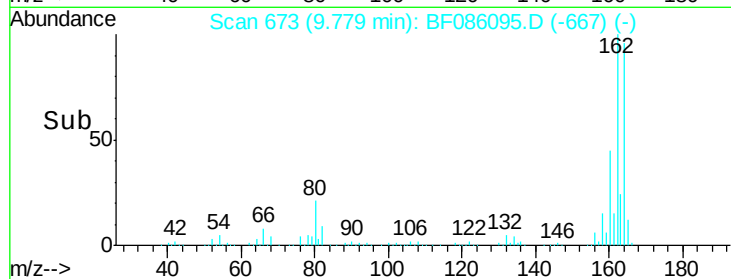
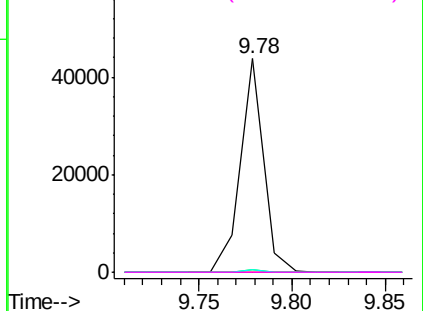


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

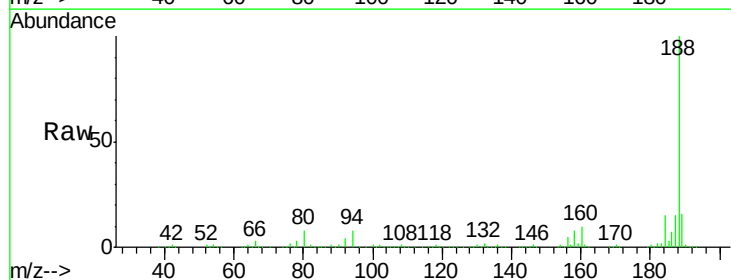
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 803
 Delta R.T. -0.03 min
 Lab File: BF086095.D
 Acq: 6 Apr 2016 13:38

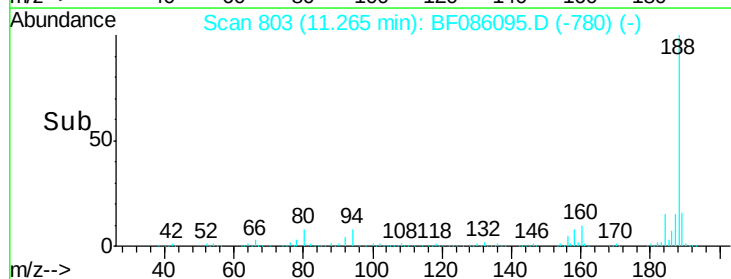
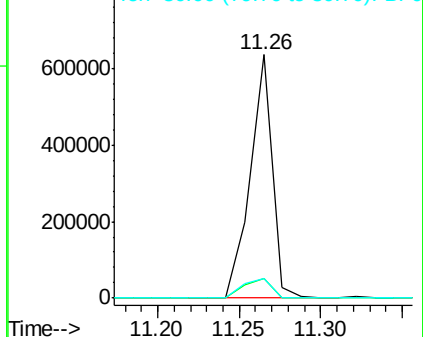
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	5.4	8.0#
80	8.3	5.5	8.3#

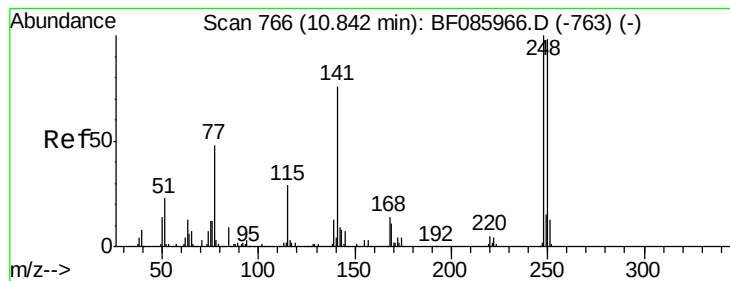


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 2.41 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.27 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

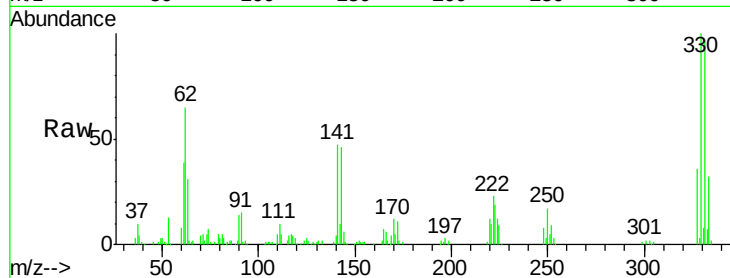
Tgt Ion:248 Resp: 14663

Ion Ratio Lower Upper

248 100

250 200.8 77.4 116.0#

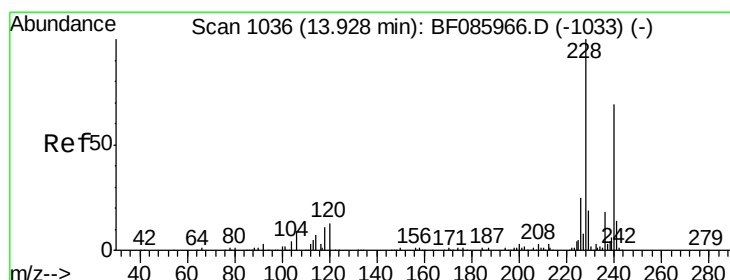
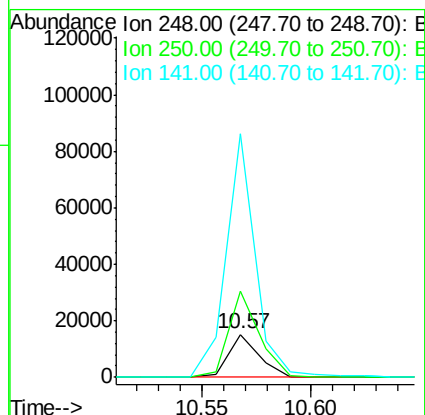
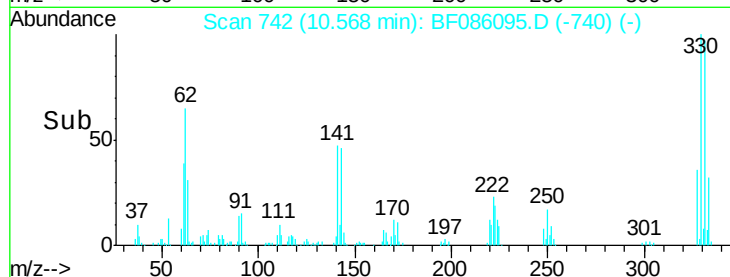
141 569.2 63.6 95.4#



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: 13.89 min Scan# 1033

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

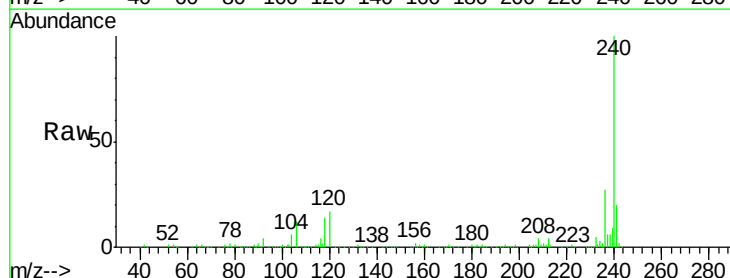
Tgt Ion:240 Resp: 442209

Ion Ratio Lower Upper

240 100

120 16.6 13.8 20.8

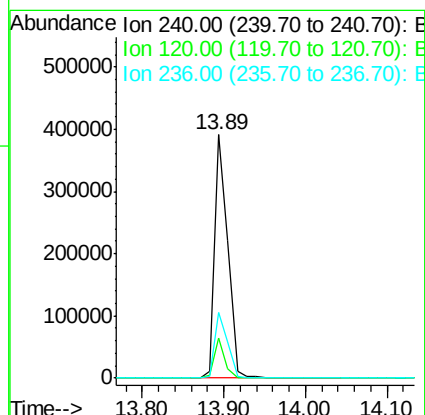
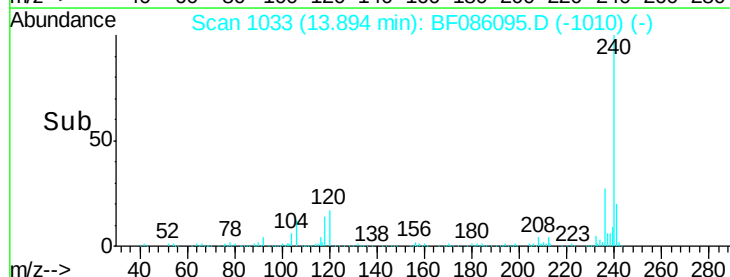
236 27.1 20.6 30.8

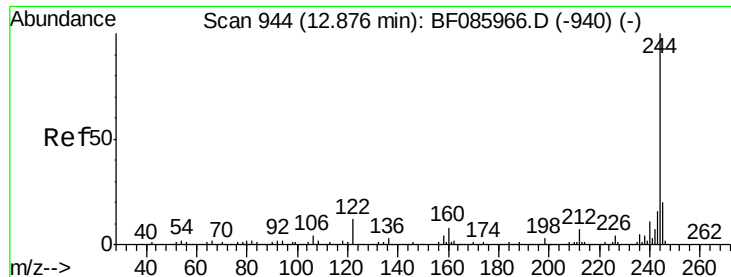


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.47 ng

RT: 12.85 min Scan# 942

Delta R.T. -0.02 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

Instrument :

BNA_F

ClientSampleId :

PB89567BL

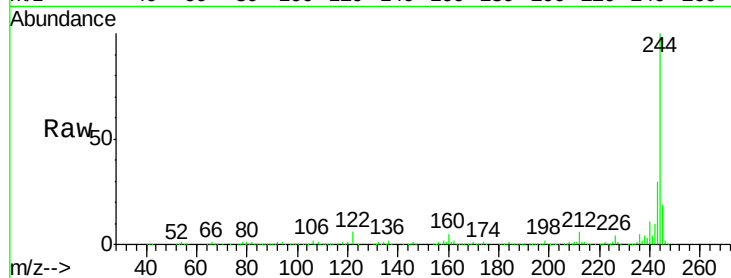
Tgt Ion:244 Resp: 1099905

Ion Ratio Lower Upper

244 100

212 6.2 6.1 9.1

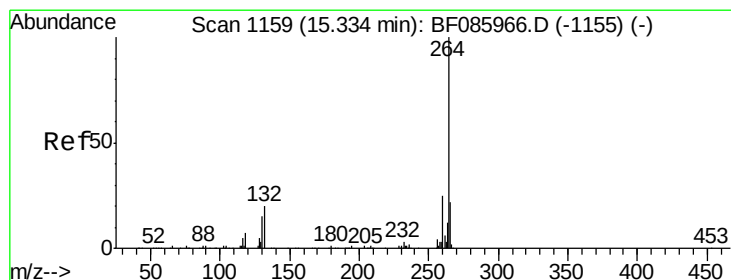
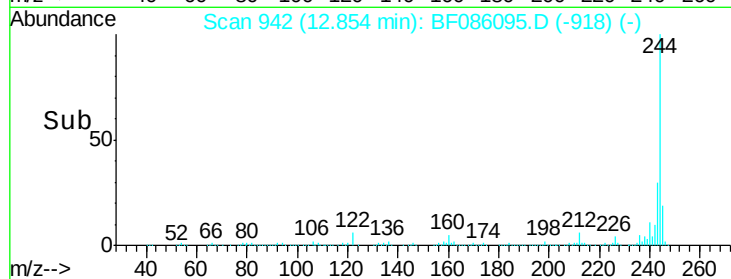
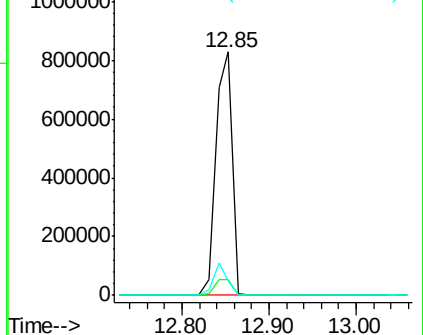
122 6.1 10.2 15.4#



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: 15.30 min Scan# 1156

Delta R.T. -0.03 min

Lab File: BF086095.D

Acq: 6 Apr 2016 13:38

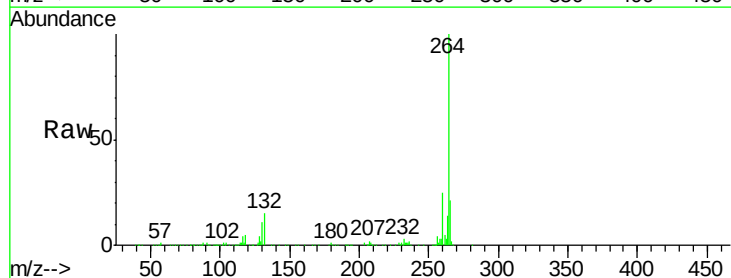
Tgt Ion:264 Resp: 351531

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.3 17.2 25.8



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

