

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040416\
 Data File : BF086070.D
 Acq On : 5 Apr 2016 7:53
 Operator : UM/SJ
 Sample : PB89469BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

Quant Time: Apr 05 08:23:15 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

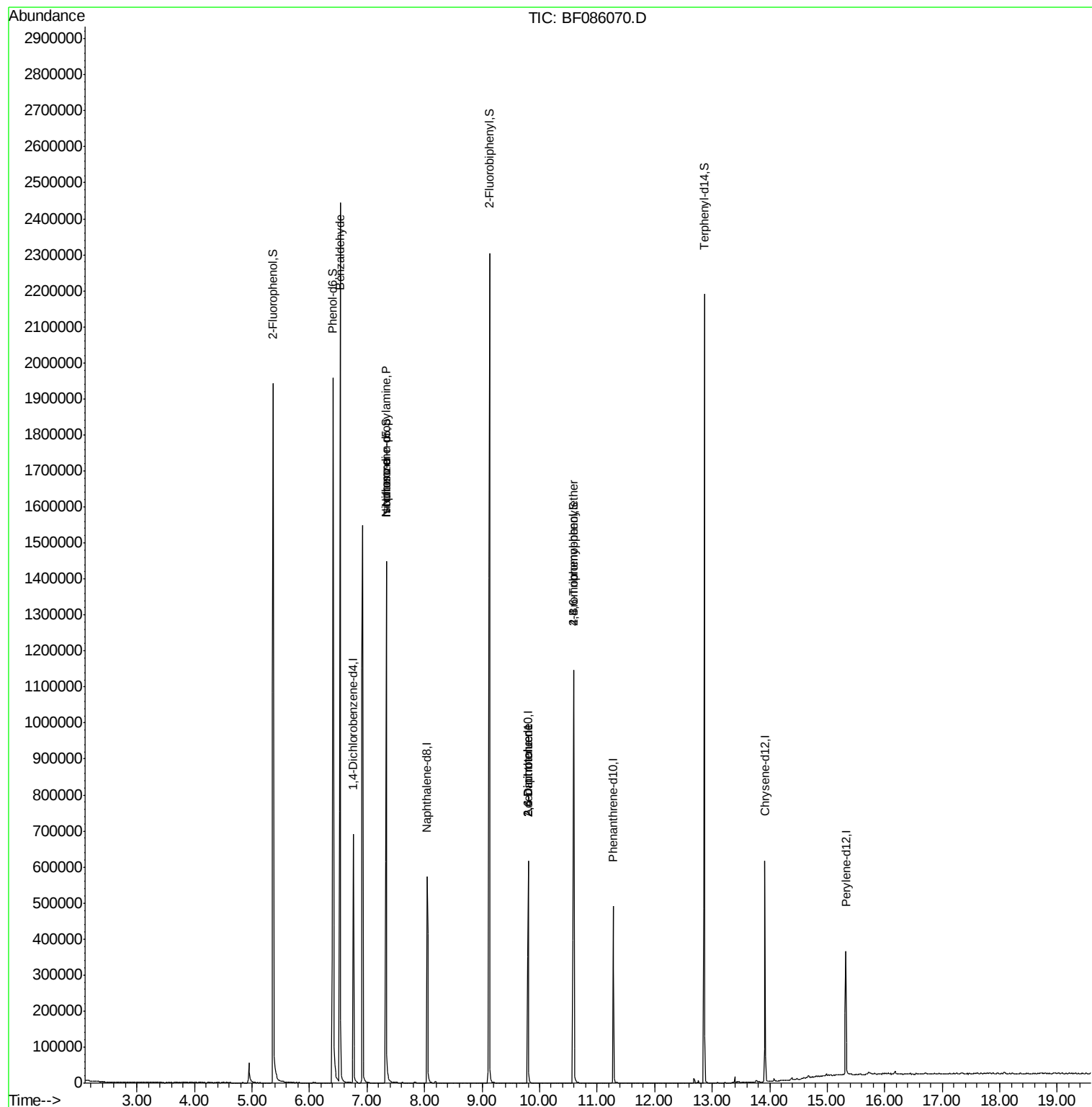
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	101834	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	365690	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	148348	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	229807	20.00	ng	-0.02
75) Chrysene-d12	13.92	240	197646	20.00	ng	-0.01
86) Perylene-d12	15.32	264	153295	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	736458	123.62	ng	0.00
7) Phenol-d6	6.41	99	775755	102.51	ng	-0.01
23) Nitrobenzene-d5	7.33	82	554966	89.50	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	147031	105.60	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	906779	101.63	ng	-0.01
78) Terphenyl-d14	12.87	244	635259	75.55	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.53	77	15731	3.86	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.33	70	71687	15.28	ng	# 75
25) Isophorone	7.33	82	549913	44.92	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	18743	8.06	ng	# 17
56) 2,4-Dinitrotoluene	9.80	165	18743	6.38	ng	# 35
66) 4-Bromophenyl-phenylether	10.59	248	9674	4.12	ng	# 1

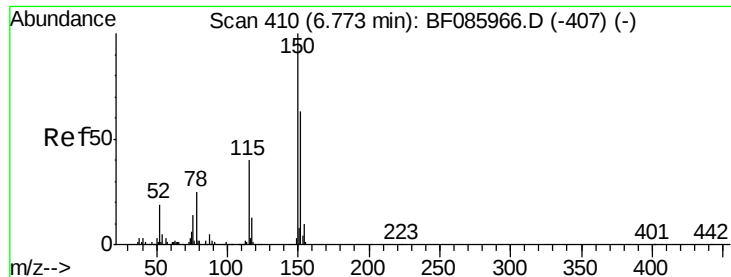
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 01 23:17:06 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

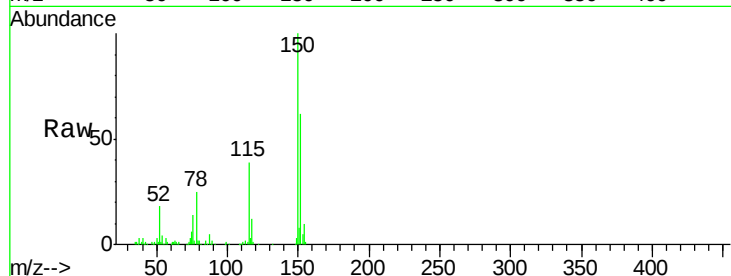
Tgt Ion:152 Resp: 101834

Ion Ratio Lower Upper

152 100

150 160.5 124.2 186.2

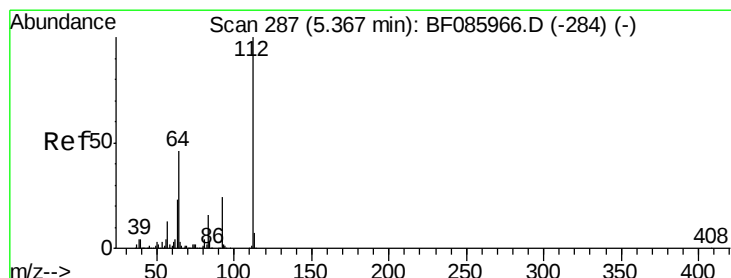
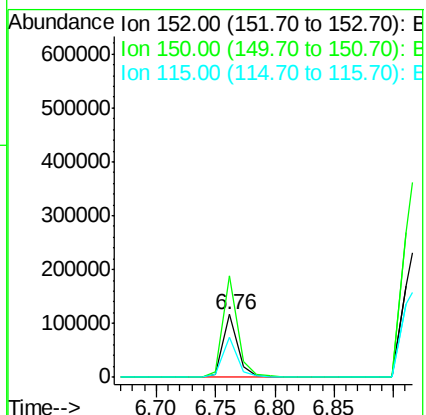
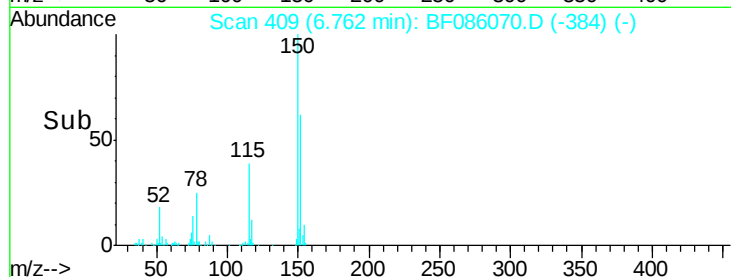
115 63.0 47.0 70.6



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: 123.62 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.00 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

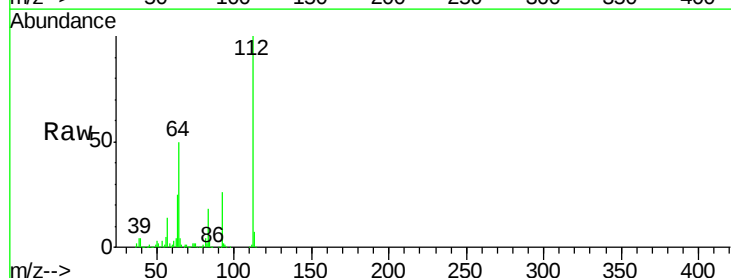
Tgt Ion:112 Resp: 736458

Ion Ratio Lower Upper

112 100

64 49.8 39.9 59.9

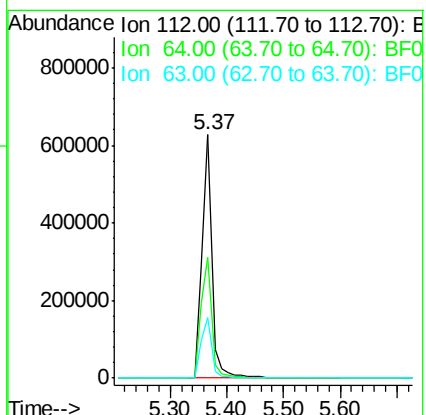
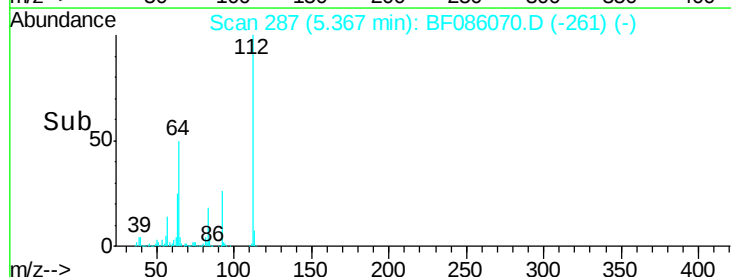
63 25.1 20.2 30.2



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: 102.51 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

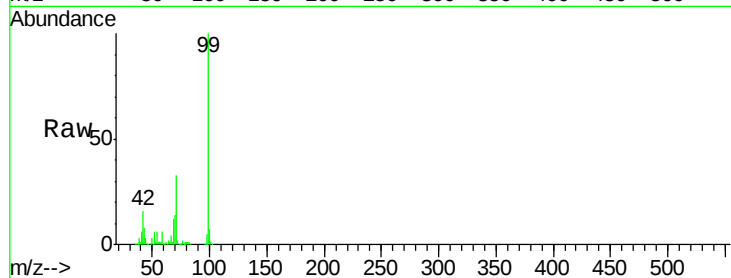
Tgt Ion: 99 Resp: 775755

Ion Ratio Lower Upper

99 100

42 15.7 11.1 16.7

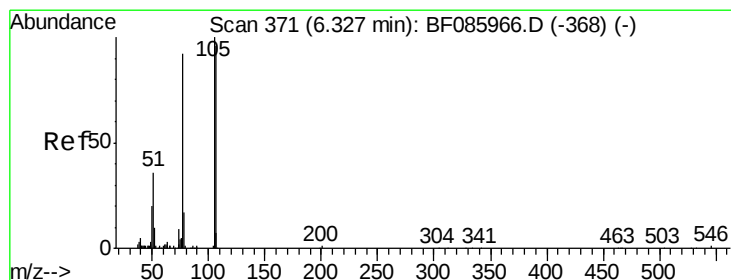
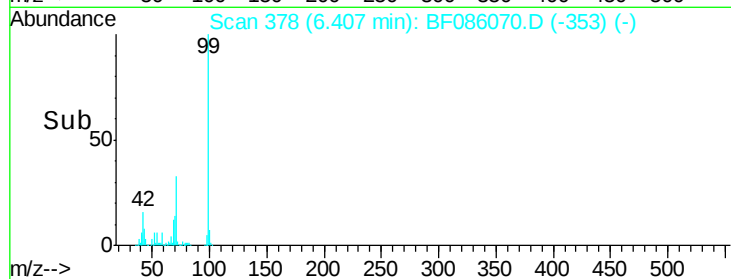
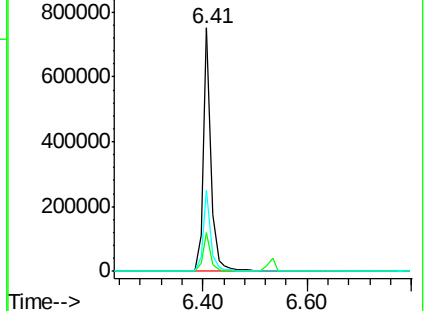
71 33.3 24.9 37.3



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: 3.86 ng

RT: 6.53 min Scan# 389

Delta R.T. 0.21 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

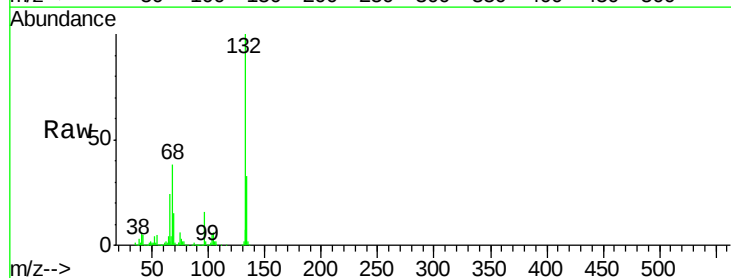
Tgt Ion: 77 Resp: 15731

Ion Ratio Lower Upper

77 100

105 85.5 80.1 120.1

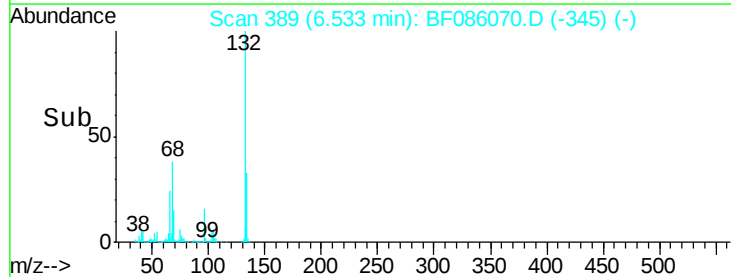
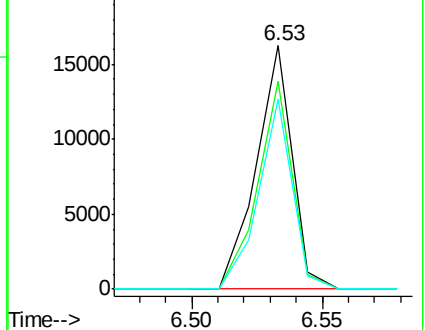
106 78.2 75.0 115.0

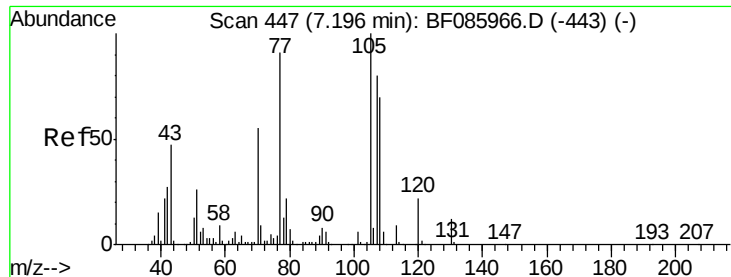


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0

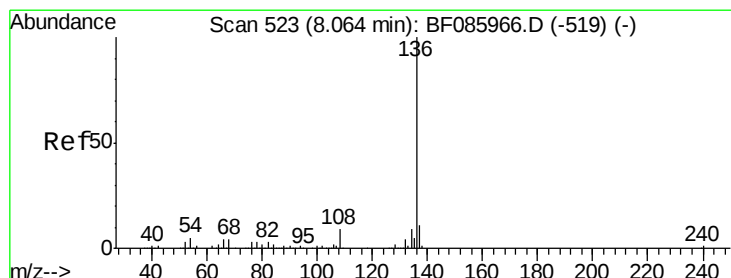
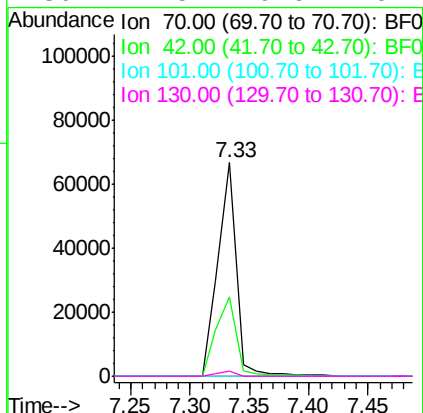
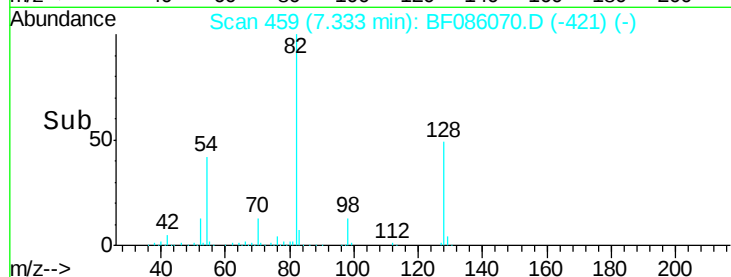
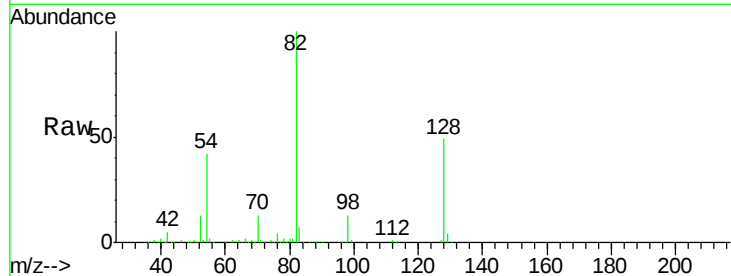




#19
n-Nitroso-di-n-propylamine
Concen: 15.28 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.14 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

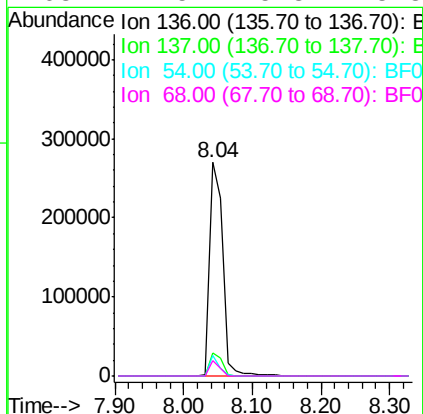
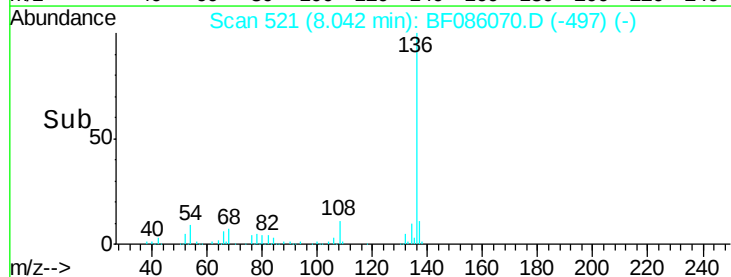
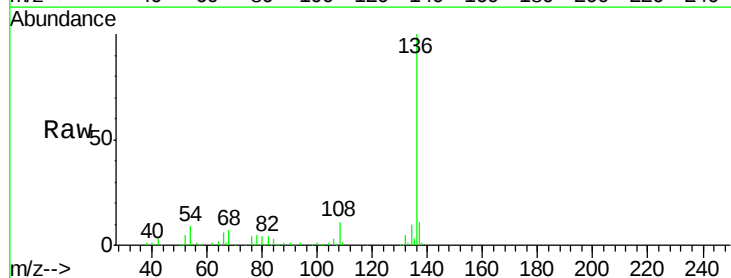
Instrument :
BNA_F
ClientSampleId :
PB89469BL

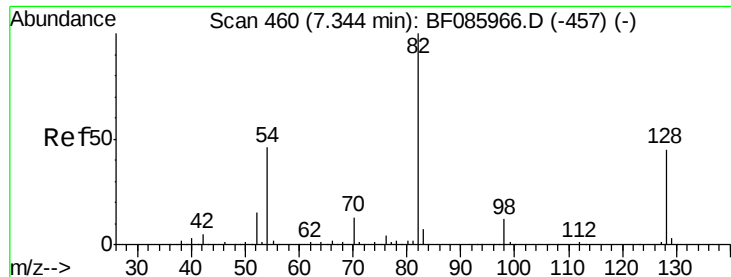
Tgt Ion: 70 Resp: 71687
Ion Ratio Lower Upper
70 100
42 37.4 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 521
Delta R.T. -0.02 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion: 136 Resp: 365690
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 9.3 7.4 11.0
68 7.5 5.8 8.8

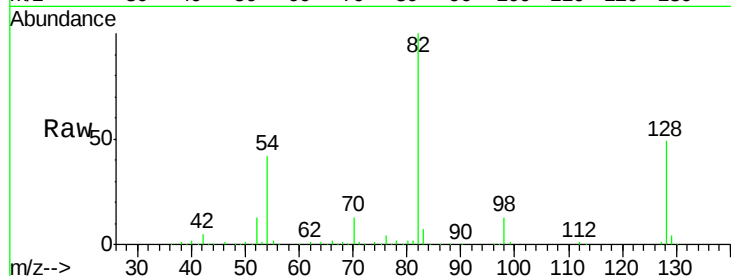




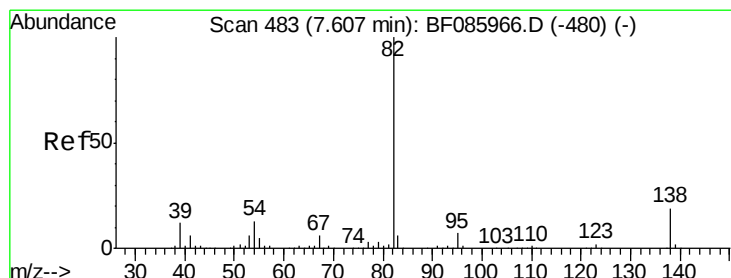
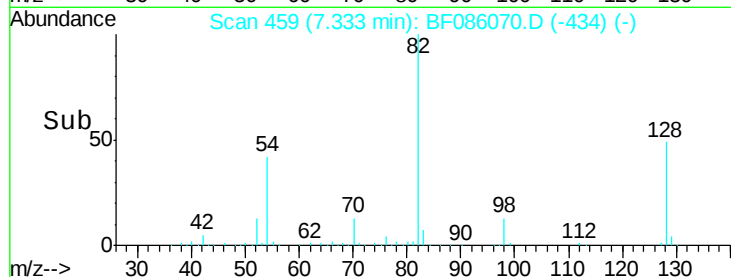
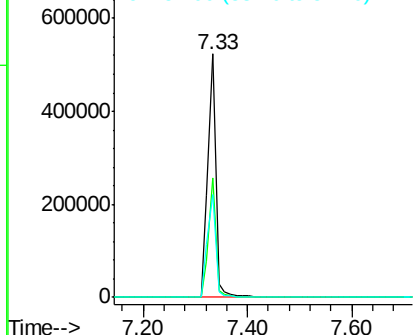
#23
Nitrobenzene-d5
Concen: 89.50 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

Tgt Ion: 82 Resp: 554966
Ion Ratio Lower Upper
82 100
128 49.1 41.8 62.8
54 42.1 33.4 50.0

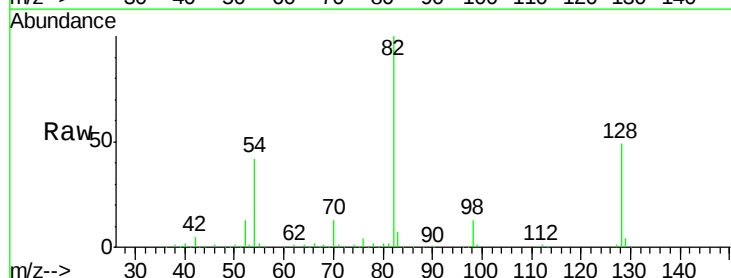


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

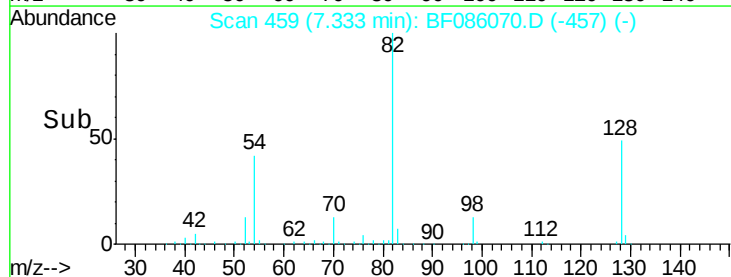
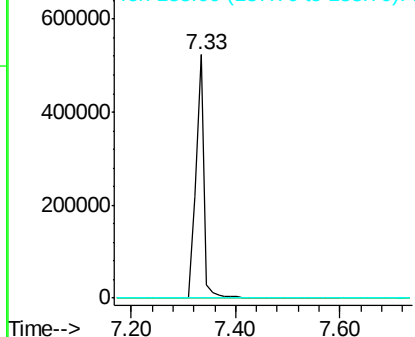


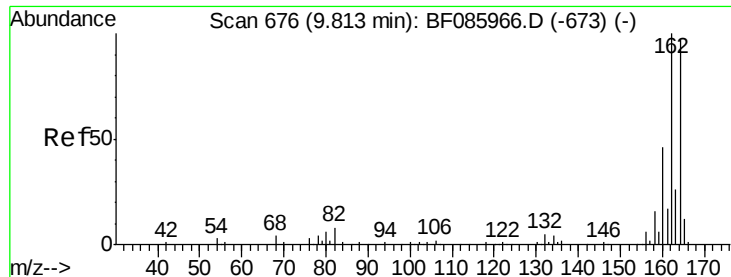
#25
Isophorone
Concen: 44.92 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion: 82 Resp: 549913
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

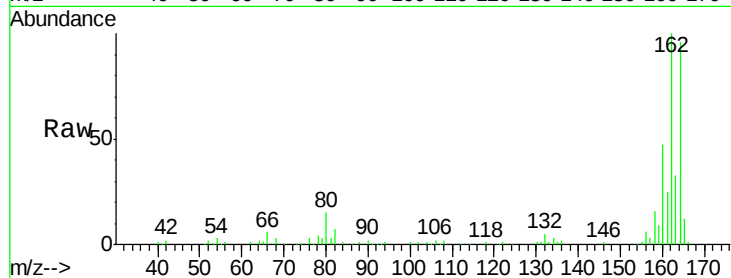




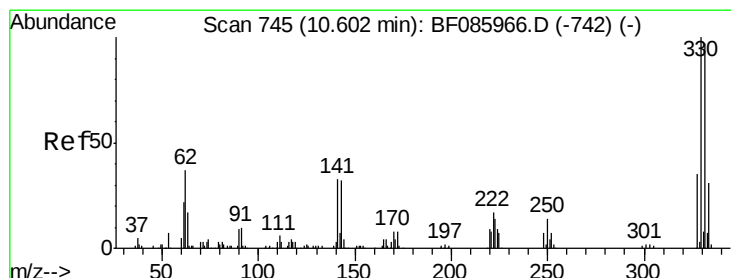
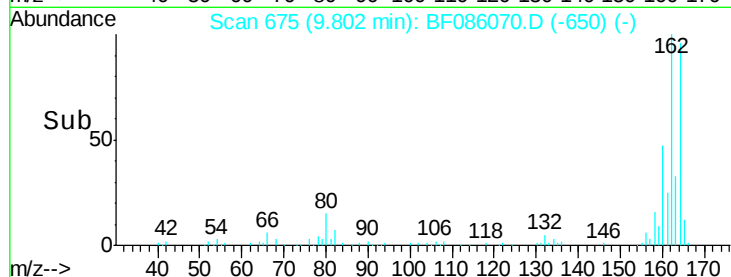
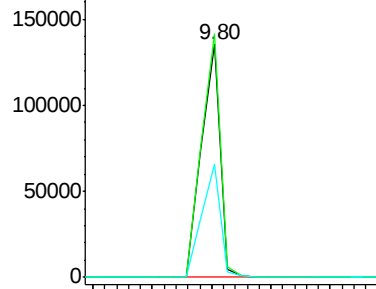
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Instrument :
 BNA_F
 ClientSampleId :
 PB89469BL

Tgt Ion:164 Resp: 148348
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.1 123.1
 160 48.6 37.4 56.2

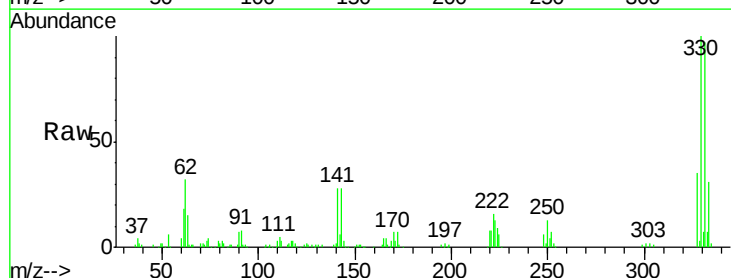


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

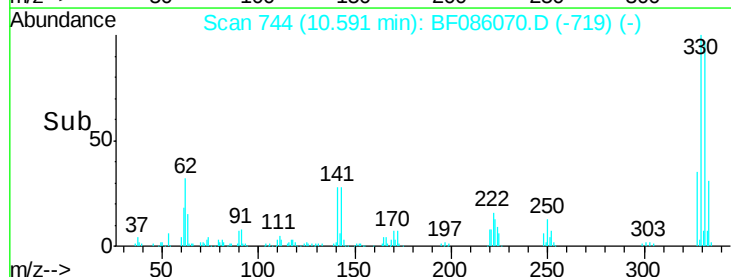
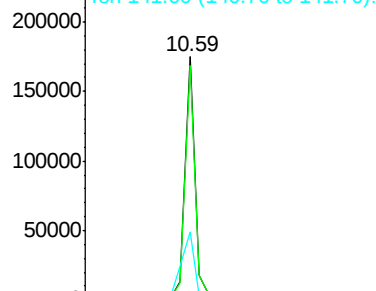


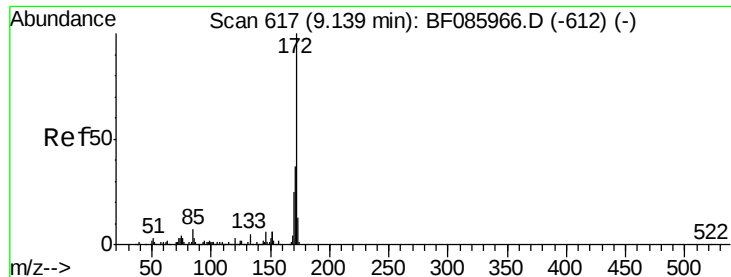
#41
 2,4,6-Tribromophenol
 Concen: 105.60 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF086070.D
 Acq: 5 Apr 2016 7:53

Tgt Ion:330 Resp: 147031
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 37.0 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: 101.63 ng

RT: 9.13 min Scan# 616

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampled :

PB89469BL

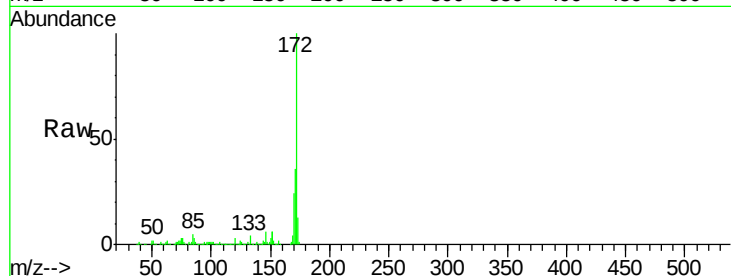
Tgt Ion:172 Resp: 906779

Ion Ratio Lower Upper

172 100

171 36.1 29.4 44.2

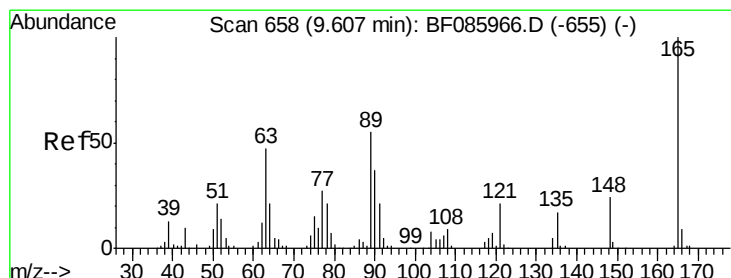
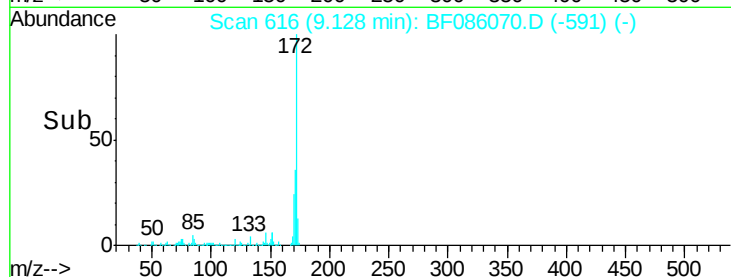
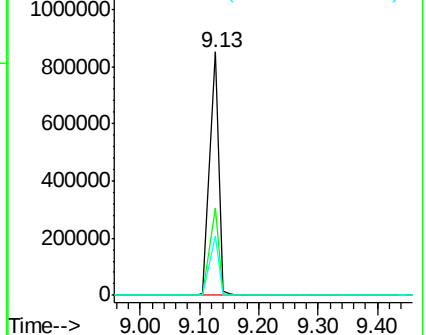
170 24.2 19.8 29.6



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: 8.06 ng

RT: 9.80 min Scan# 675

Delta R.T. 0.19 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

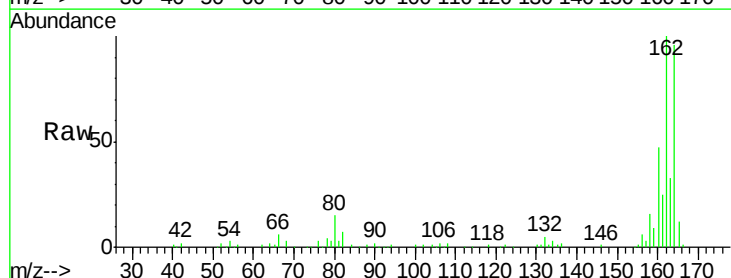
Tgt Ion:165 Resp: 18743

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.8#

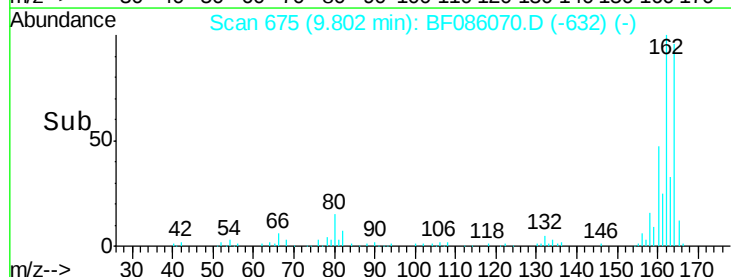
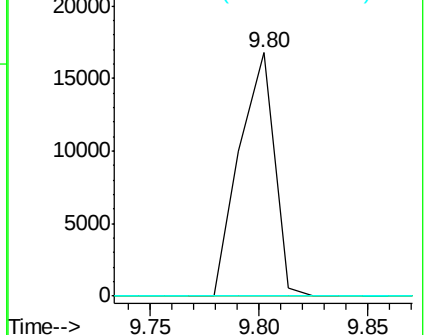
89 0.0 53.7 80.5#

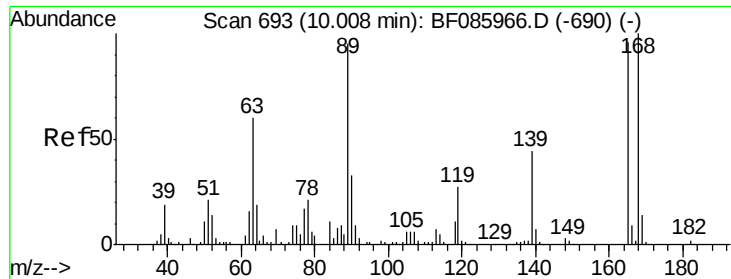


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

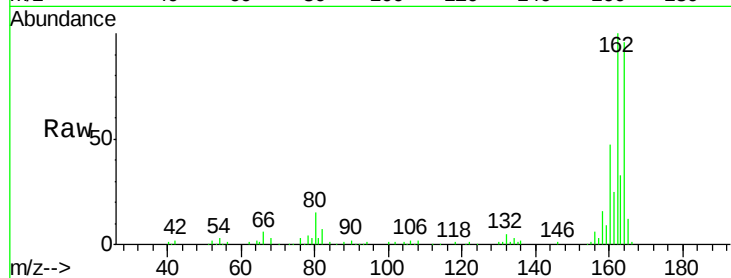




#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Instrument :
BNA_F
ClientSampleId :
PB89469BL

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



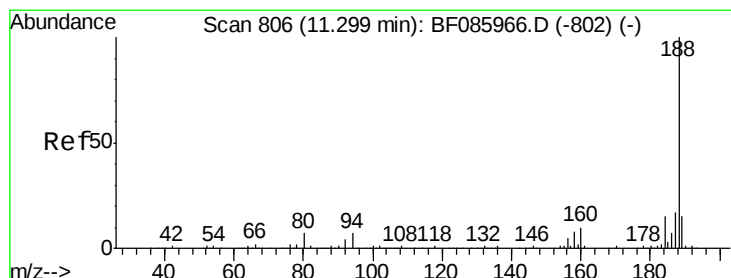
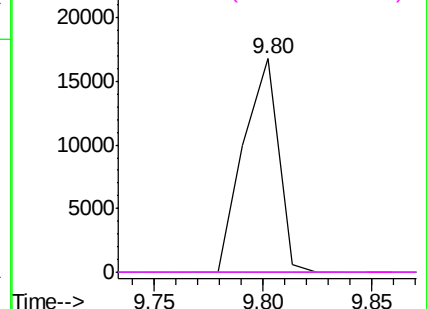
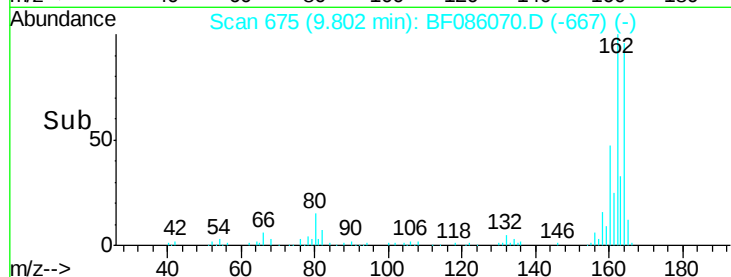
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

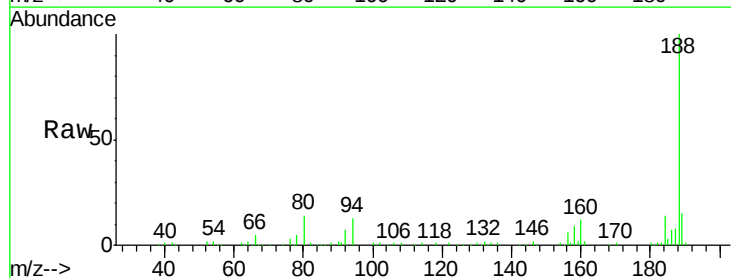
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.02 min
Lab File: BF086070.D
Acq: 5 Apr 2016 7:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.4	5.4	8.0#
80	14.3	5.5	8.3#

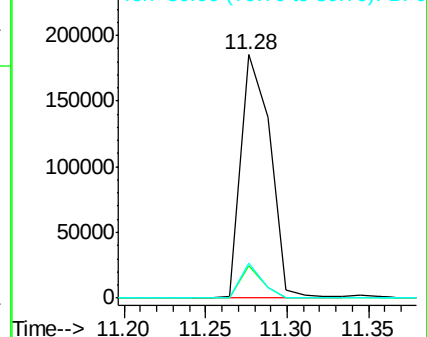
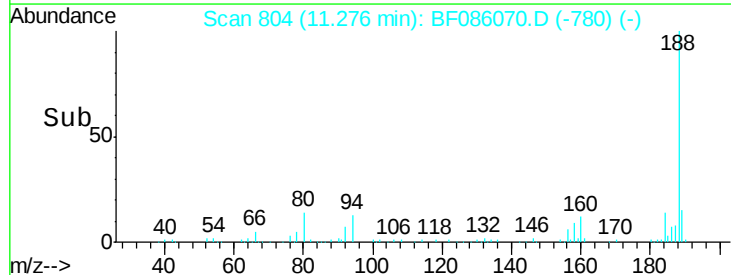


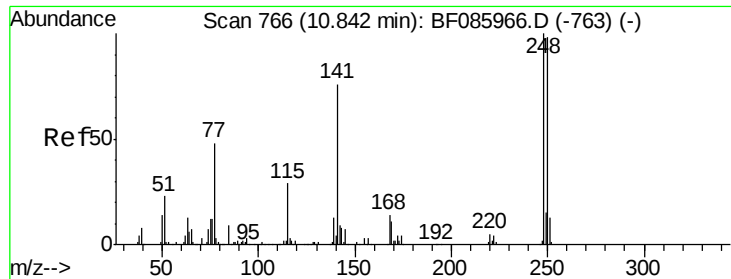
Abundance

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: 4.12 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.25 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

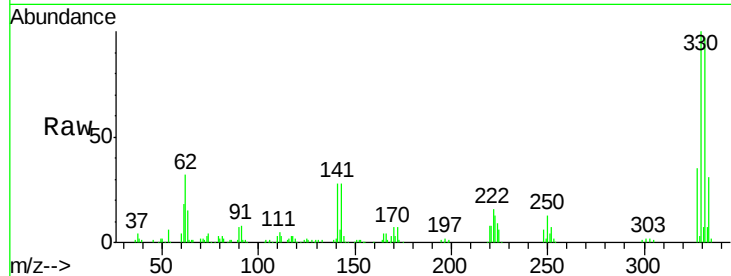
Tgt Ion:248 Resp: 9674

Ion Ratio Lower Upper

248 100

250 208.5 77.4 116.0#

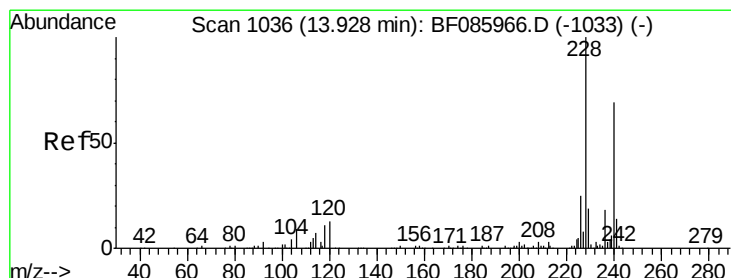
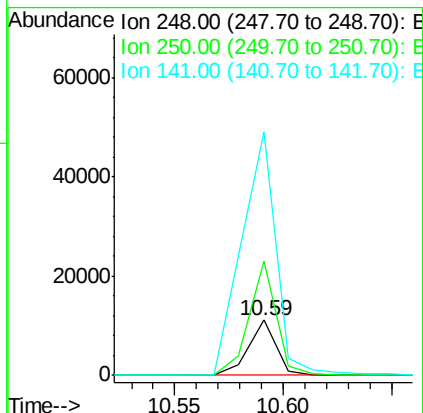
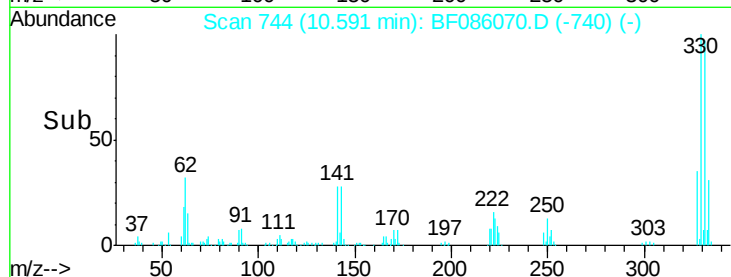
141 443.4 63.6 95.4#



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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

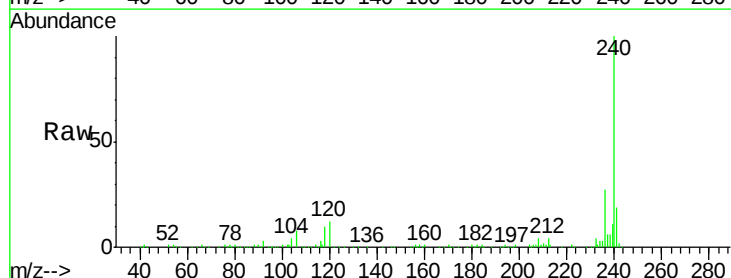
Tgt Ion:240 Resp: 197646

Ion Ratio Lower Upper

240 100

120 11.9 13.8 20.8#

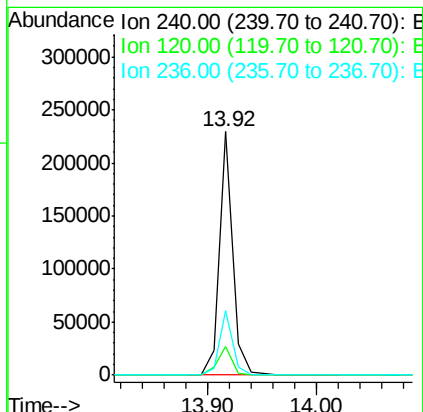
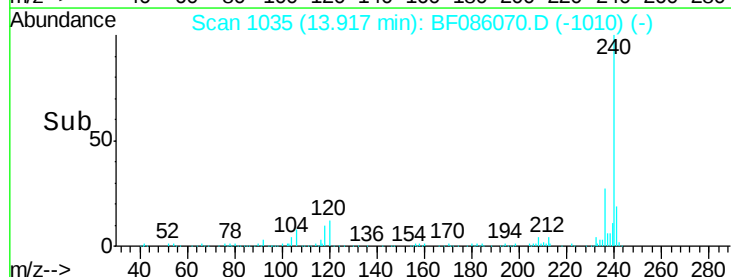
236 26.7 20.6 30.8

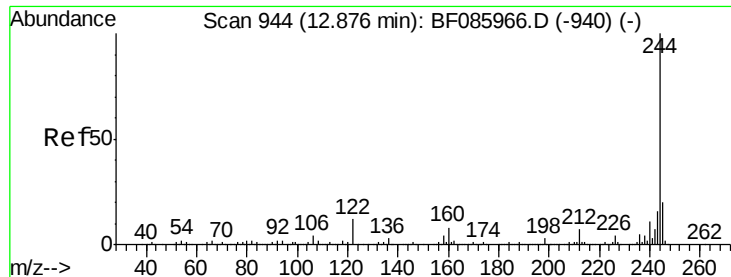


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.55 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

Instrument :

BNA_F

ClientSampleId :

PB89469BL

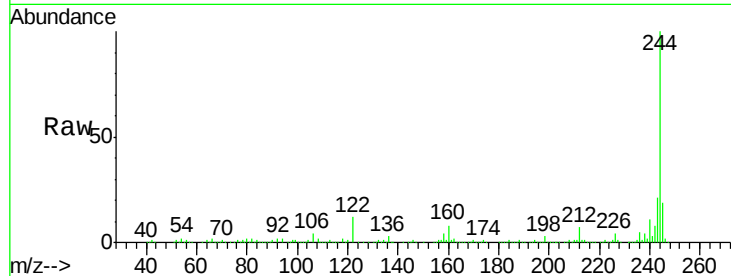
Tgt Ion:244 Resp: 635259

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

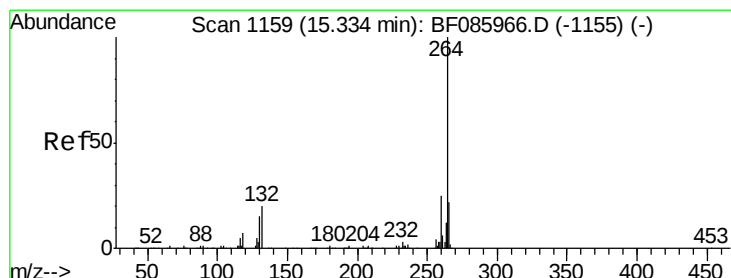
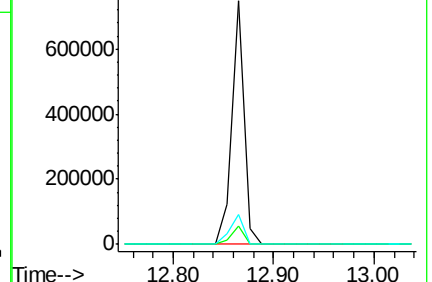
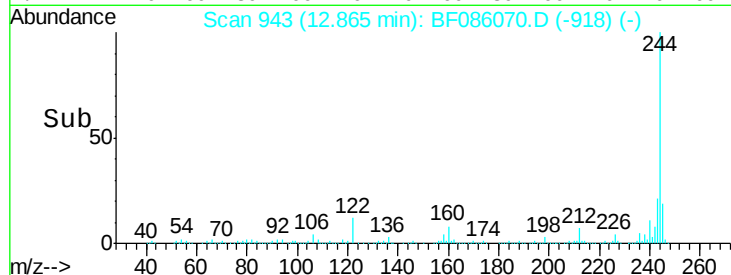
122 12.2 10.2 15.4



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: 15.32 min Scan# 1158

Delta R.T. -0.01 min

Lab File: BF086070.D

Acq: 5 Apr 2016 7:53

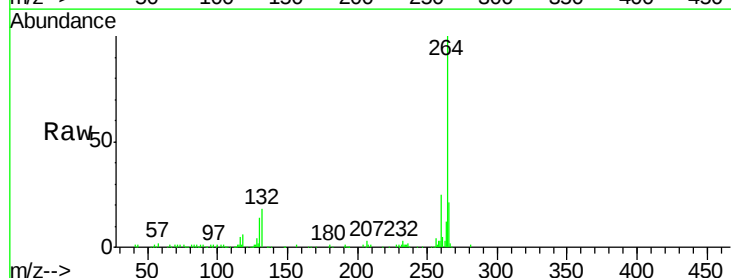
Tgt Ion:264 Resp: 153295

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.2

265 21.1 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

