

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086022.D
 Acq On : 2 Apr 2016 20:11
 Operator : UM/SJ
 Sample : H2079-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-EB-3

Quant Time: Apr 04 01:08:02 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

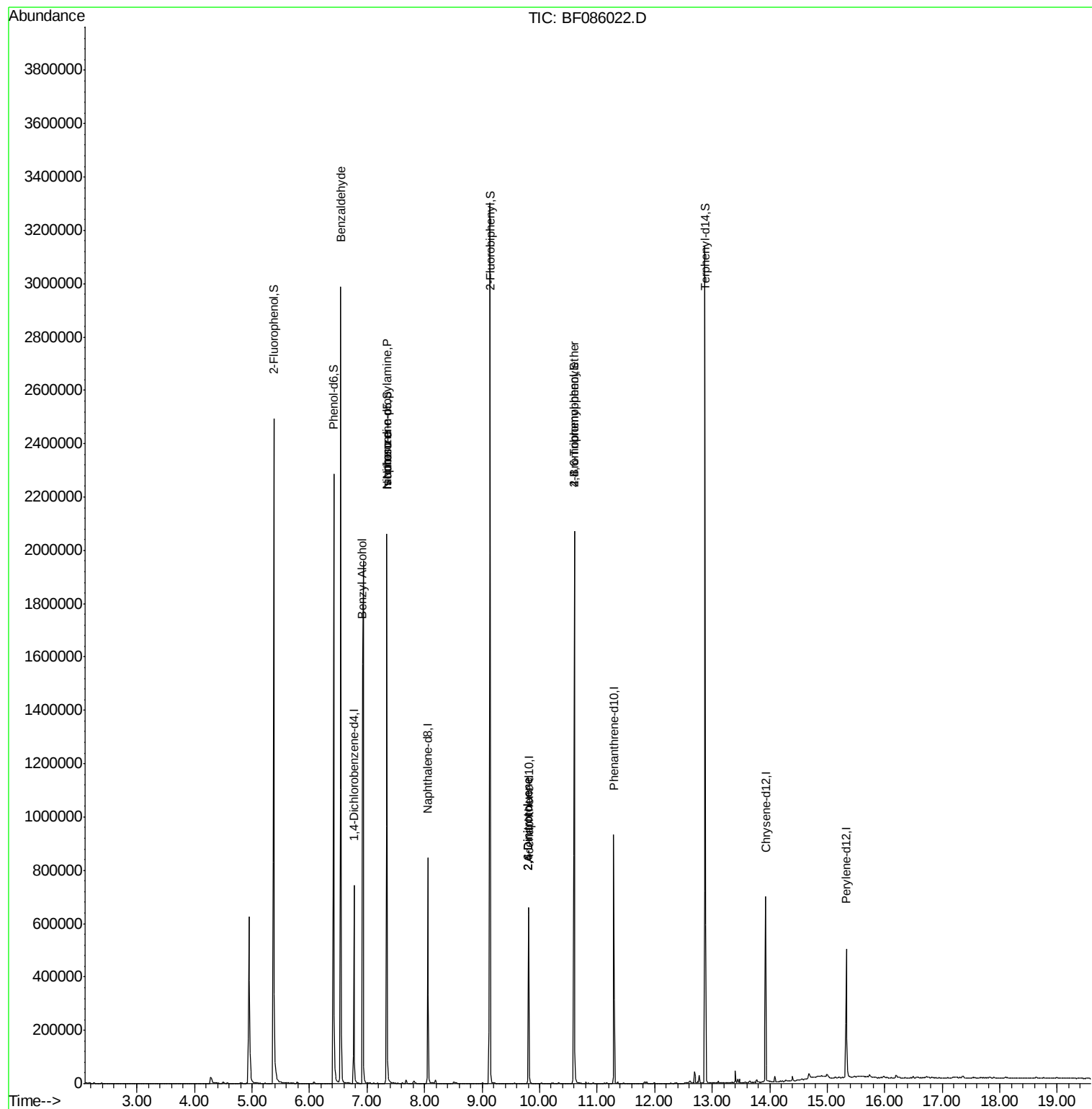
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112248	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	427570	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	195431	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	352142	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	241444	20.00	ng	0.00
86) Perylene-d12	15.33	264	214548	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	804198	122.46	ng	0.01
7) Phenol-d6	6.42	99	885720	106.19	ng	0.00
23) Nitrobenzene-d5	7.34	82	785647	108.36	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	281875	153.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1295551	110.22	ng	0.00
78) Terphenyl-d14	12.88	244	1024232	99.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	20123	4.48	ng	Qvalue 86
15) Benzyl Alcohol	6.92	79	11664	2.16	ng	# 49
19) n-Nitroso-di-n-propylamine	7.34	70	104394	20.19	ng	# 75
25) Isophorone	7.34	82	782510	54.67	ng	# 68
50) 2,6-Dinitrotoluene	9.80	165	24370	7.95	ng	# 18
56) 2,4-Dinitrotoluene	9.80	165	24370	6.29	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	18917	5.26	ng	# 1

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

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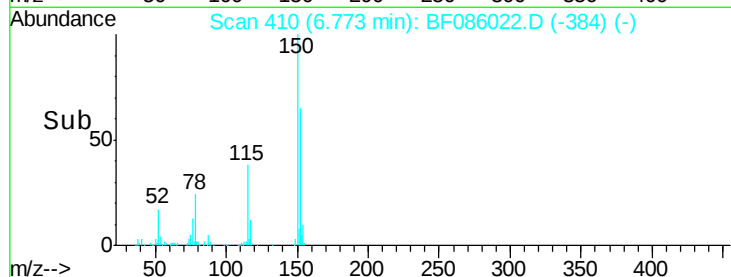
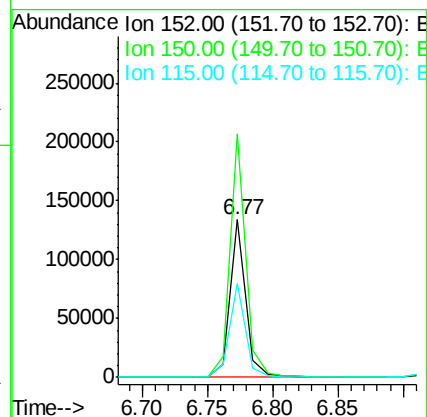
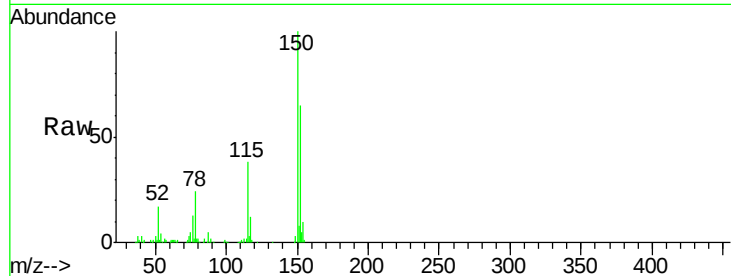


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Instrument :
BNA_F
ClientSampled :
DB-EB-3

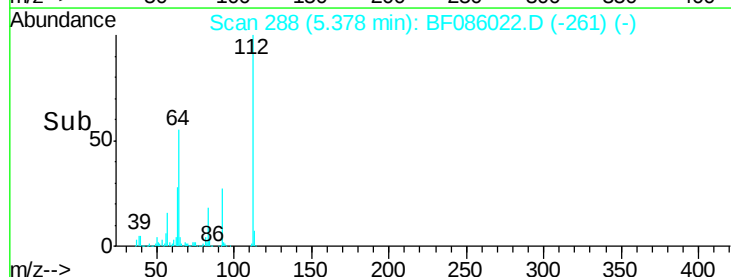
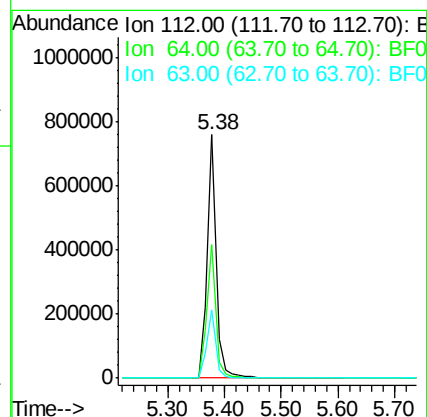
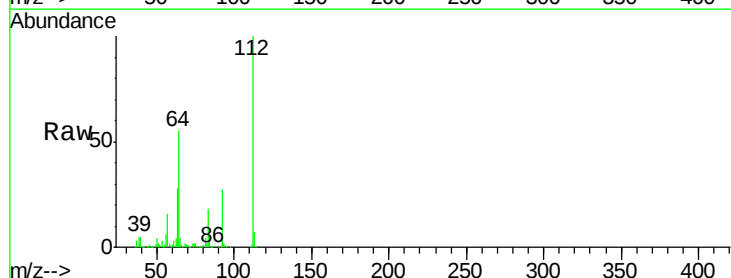
Tgt Ion:152 Resp: 112248
Ion Ratio Lower Upper
152 100
150 154.7 124.2 186.2
115 59.5 47.0 70.6



#5

2-Fluorophenol
Concen: 122.46 ng
RT: 5.38 min Scan# 288
Delta R.T. 0.01 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Tgt Ion:112 Resp: 804198
Ion Ratio Lower Upper
112 100
64 54.7 39.9 59.9
63 27.9 20.2 30.2





#7

Phenol-d6

Concen: 106.19 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

DB-EB-3

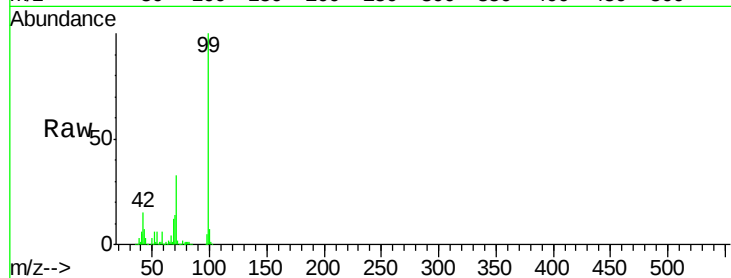
Tgt Ion: 99 Resp: 885720

Ion Ratio Lower Upper

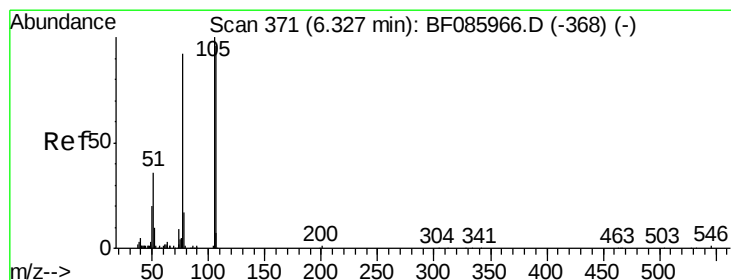
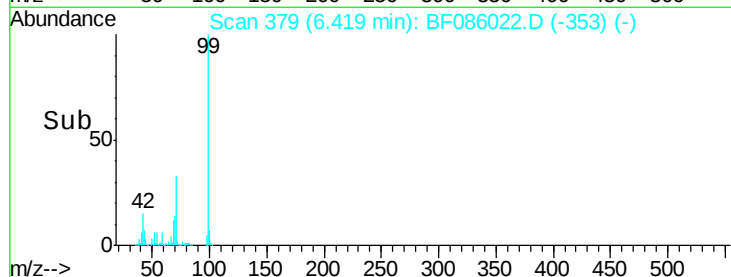
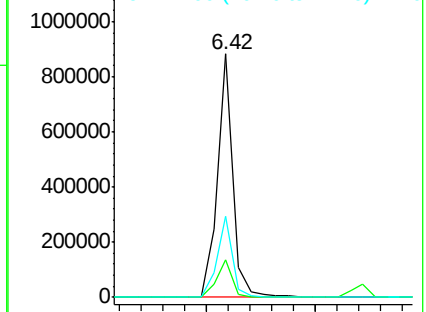
99 100

42 15.2 11.1 16.7

71 33.2 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: 4.48 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

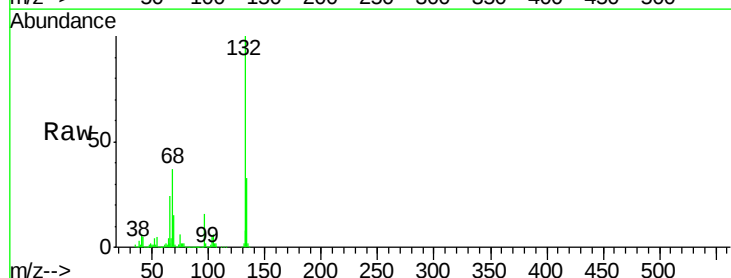
Tgt Ion: 77 Resp: 20123

Ion Ratio Lower Upper

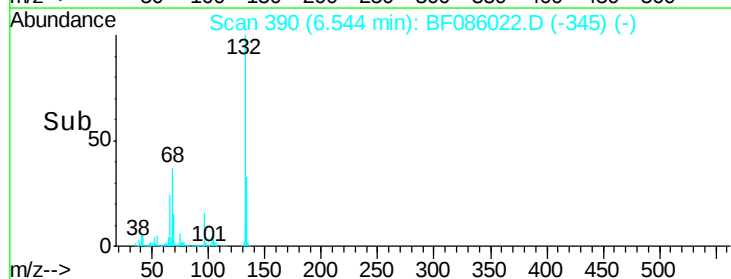
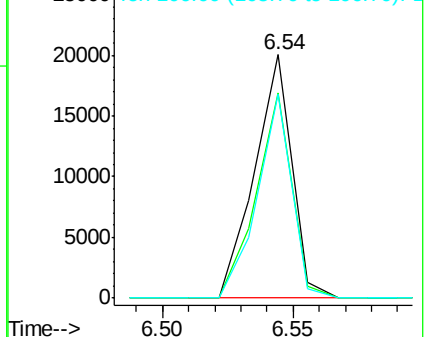
77 100

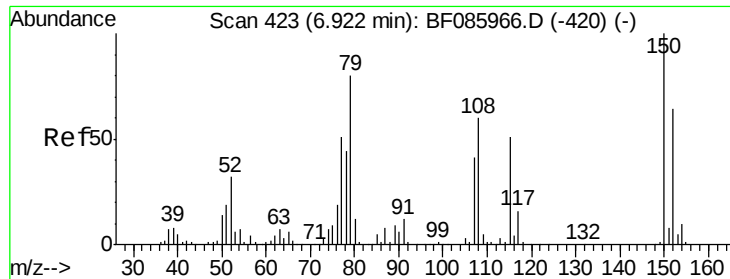
105 84.4 80.1 120.1

106 83.6 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

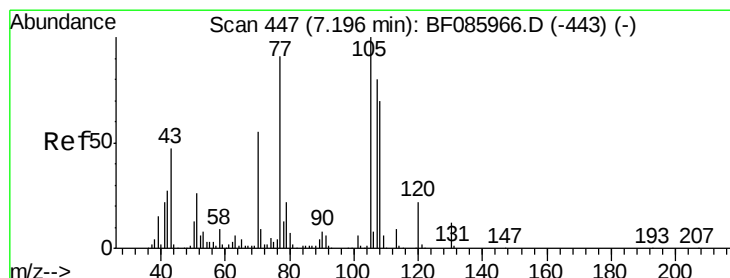
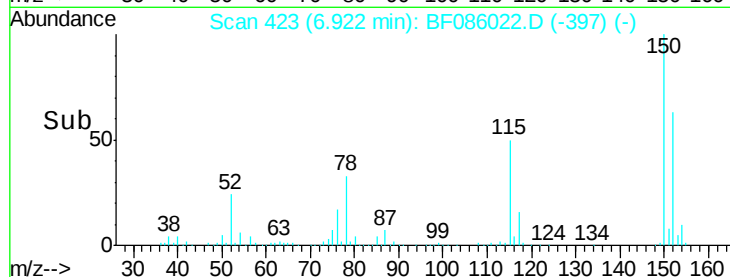
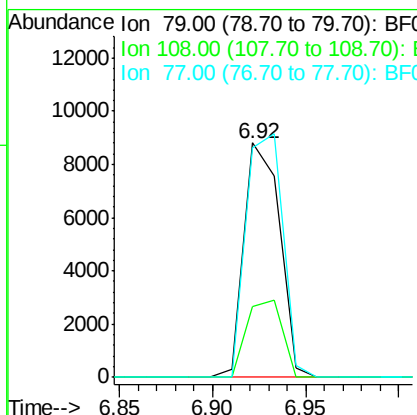
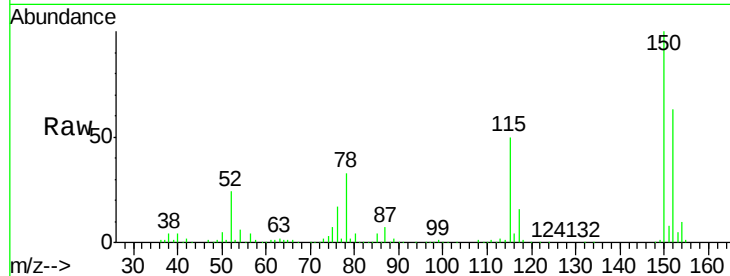




#15
Benzyl Alcohol
Concen: 2.16 ng
RT: 6.92 min Scan# 423
Delta R.T. 0.00 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

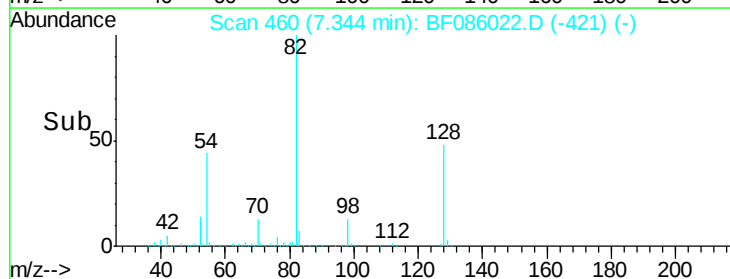
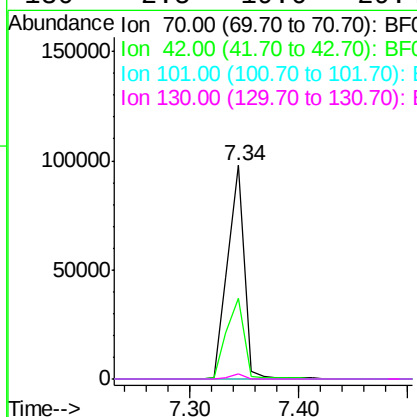
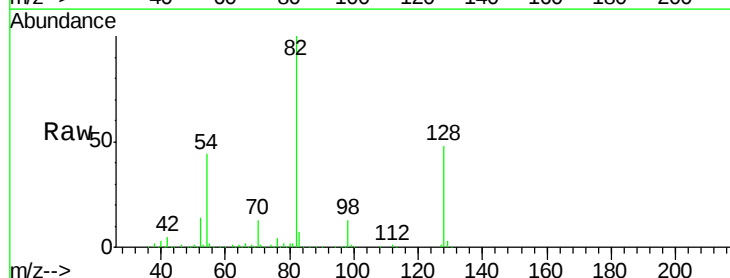
Instrument :
BNA_F
ClientSampleId :
DB-EB-3

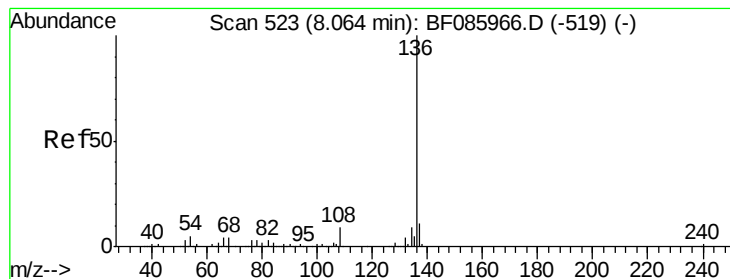
Tgt Ion: 79 Resp: 11664
Ion Ratio Lower Upper
79 100
108 30.1 61.8 92.6#
77 98.1 49.6 74.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.19 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Tgt Ion: 70 Resp: 104394
Ion Ratio Lower Upper
70 100
42 37.6 37.1 55.7
101 0.0 8.6 12.8#
130 2.5 19.6 29.4#

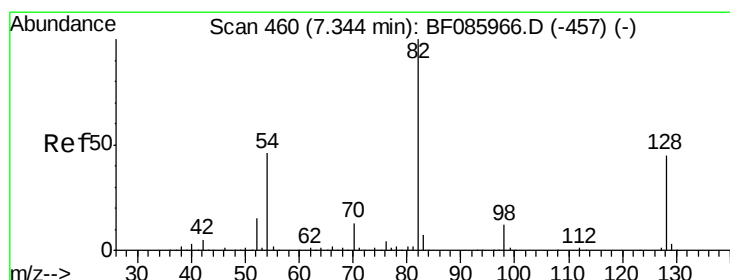
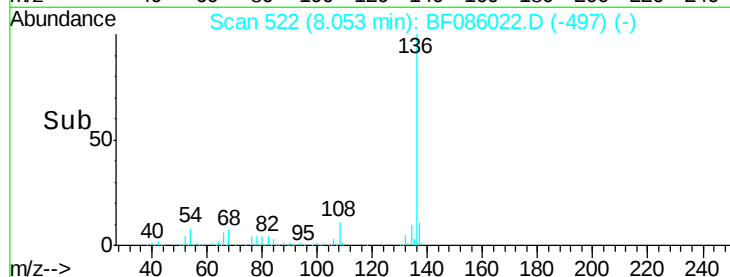
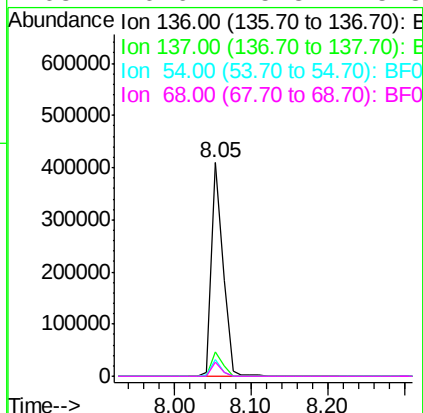
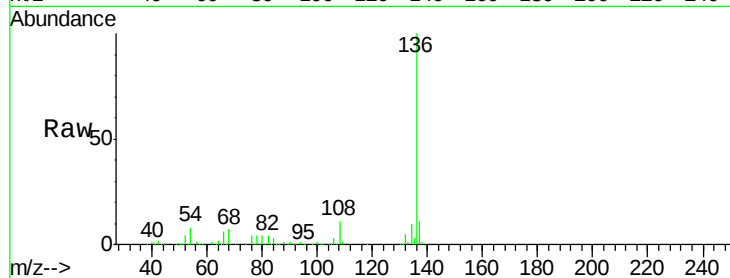




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

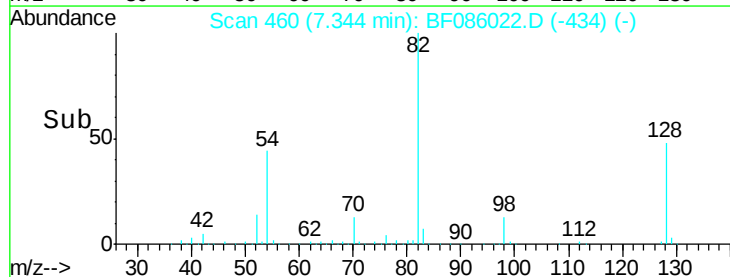
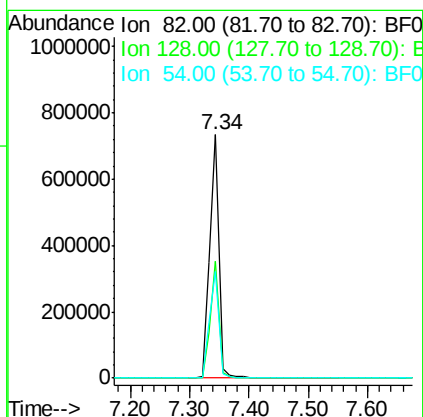
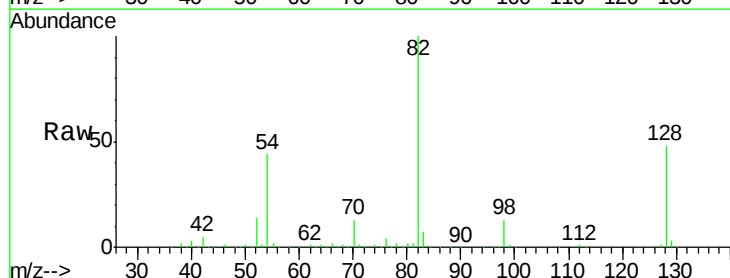
Instrument :
BNA_F
ClientSampleId :
DB-EB-3

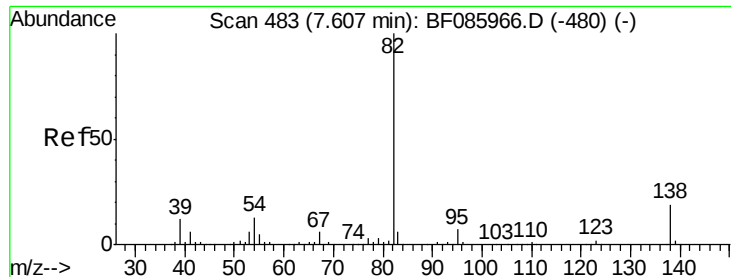
Tgt Ion:	136	Resp:	427570
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.1	7.4	11.0
68	6.6	5.8	8.8



#23
Nitrobenzene-d5
Concen: 108.36 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Tgt Ion:	82	Resp:	785647
Ion	Ratio	Lower	Upper
82	100		
128	48.0	41.8	62.8
54	44.0	33.4	50.0





#25

Isophorone

Concen: 54.67 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.26 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

DB-EB-3

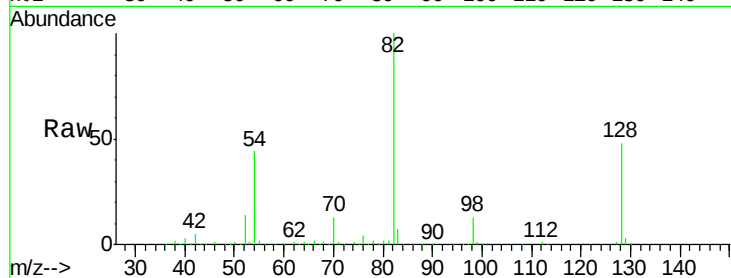
Tgt Ion: 82 Resp: 782510

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

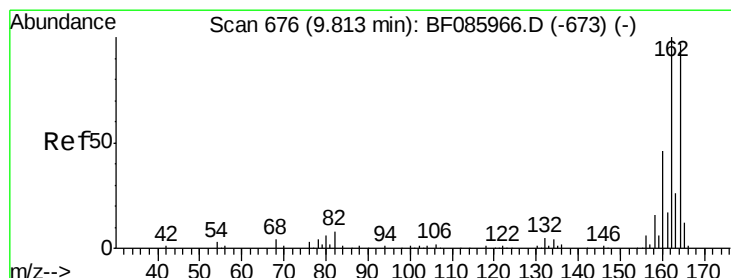
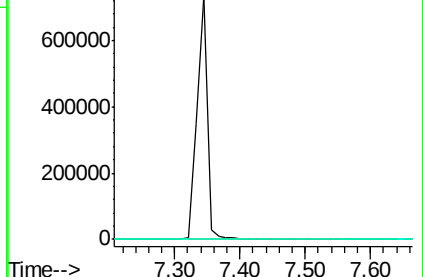
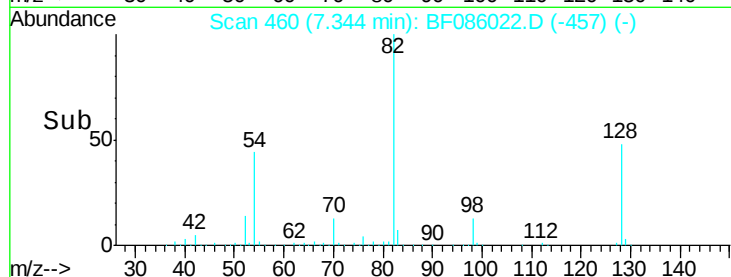
138 0.0 12.9 19.3#



Abundance Ion 82.00 (81.70 to 82.70): BF086022.D (-457) (-)

Ion 95.00 (94.70 to 95.70): BF086022.D (-457) (-)

Ion 138.00 (137.70 to 138.70): BF086022.D (-457) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.81 min Scan# 676

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

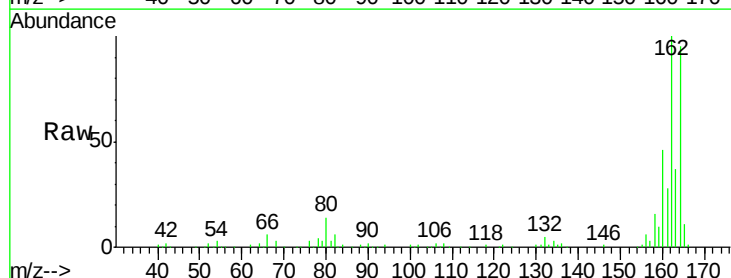
Tgt Ion: 164 Resp: 195431

Ion Ratio Lower Upper

164 100

162 105.7 82.1 123.1

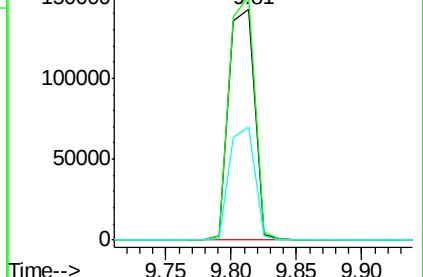
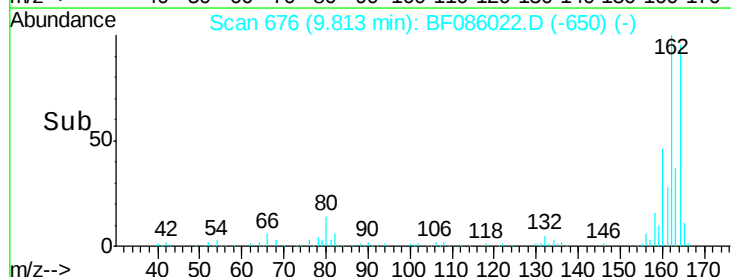
160 49.1 37.4 56.2

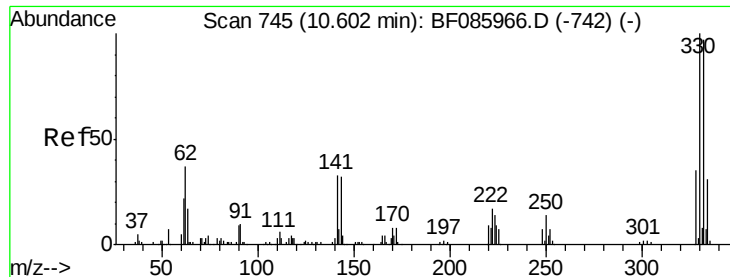


Abundance Ion 164.00 (163.70 to 164.70): BF086022.D (-650) (-)

Ion 162.00 (161.70 to 162.70): BF086022.D (-650) (-)

Ion 160.00 (159.70 to 160.70): BF086022.D (-650) (-)

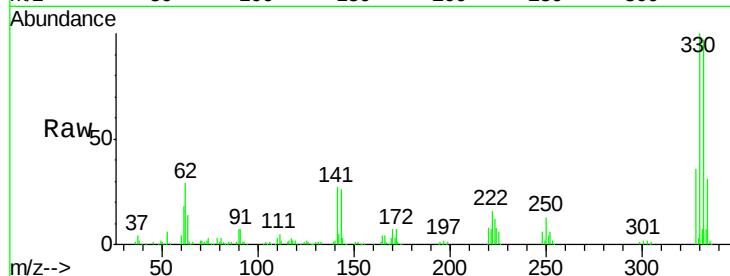




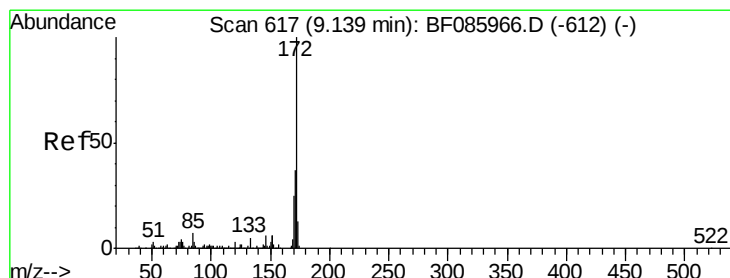
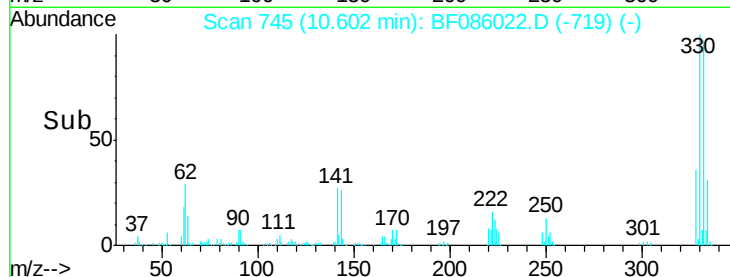
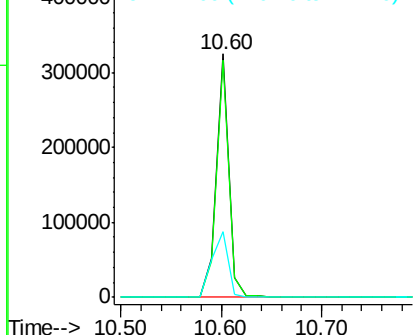
#41
 2,4,6-Tribromophenol
 Concen: 153.67 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 DB-EB-3

Tgt Ion:330 Resp: 281875
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.2 117.2
 141 35.5 31.5 47.3

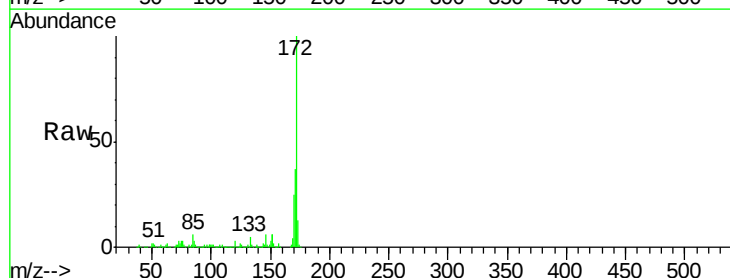


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

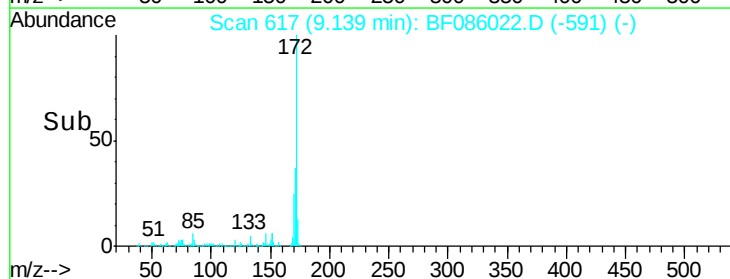
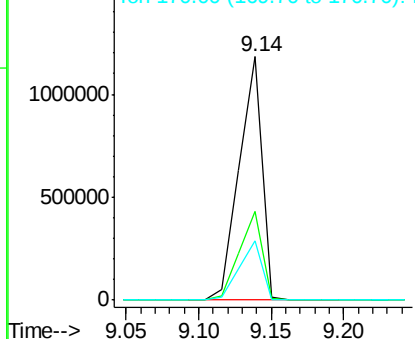


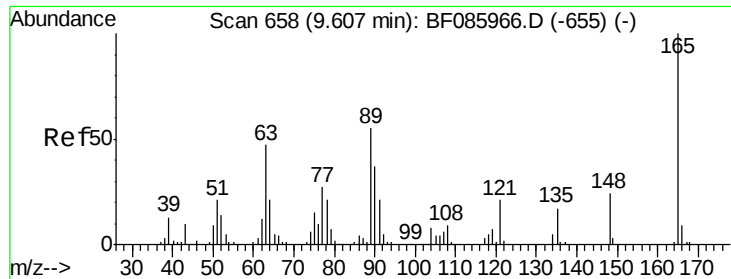
#44
 2-Fluorobiphenyl
 Concen: 110.22 ng
 RT: 9.14 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Tgt Ion:172 Resp: 1295551
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.2
 170 24.5 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

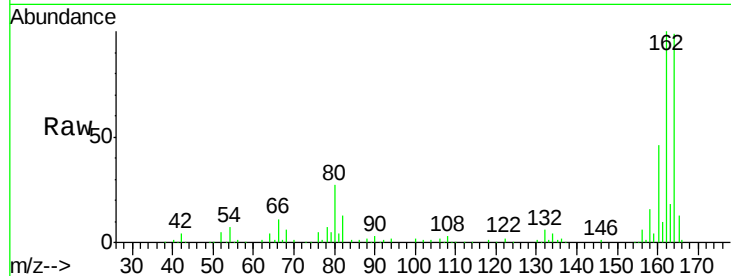




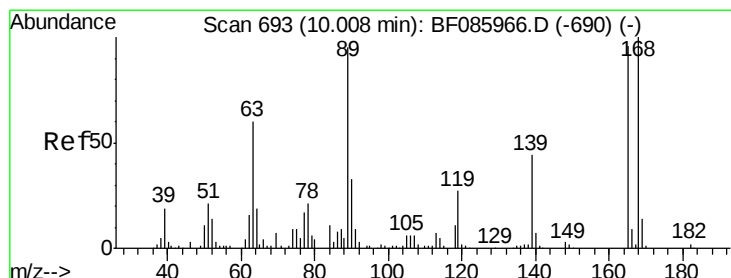
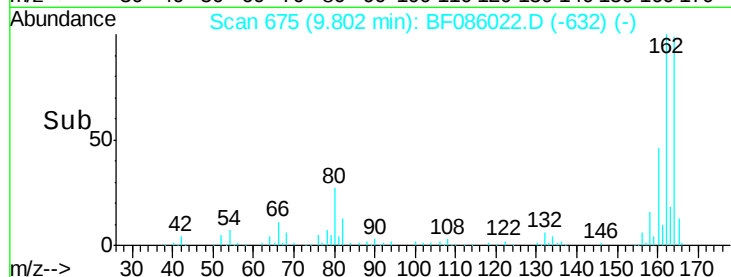
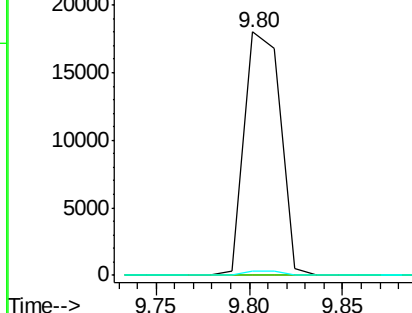
#50
 2,6-Dinitrotoluene
 Concen: 7.95 ng
 RT: 9.80 min Scan# 675
 Delta R.T. 0.19 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Instrument :
 BNA_F
 ClientSampleId :
 DB-EB-3

Tgt Ion:165 Resp: 24370
 Ion Ratio Lower Upper
 165 100
 63 0.0 51.8 77.8#
 89 1.8 53.7 80.5#



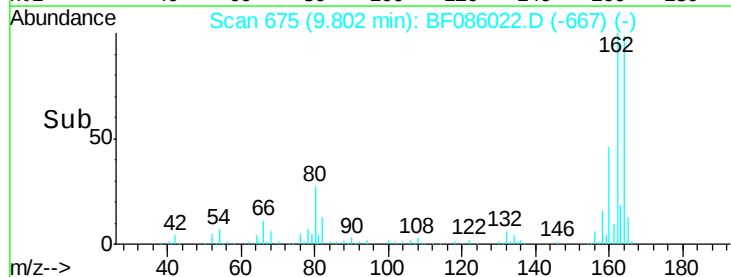
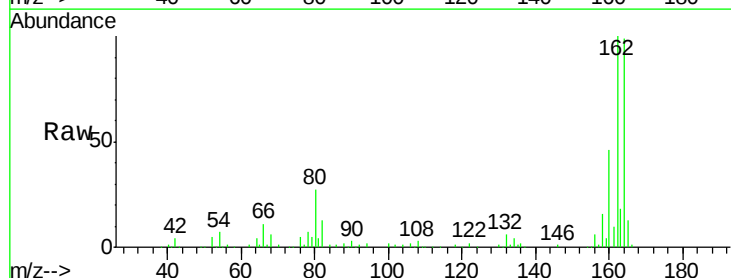
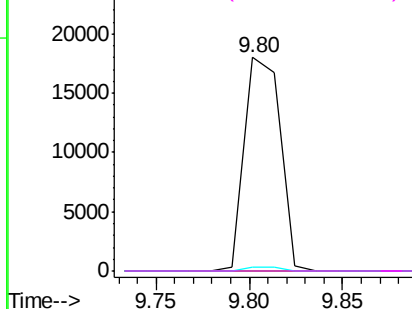
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

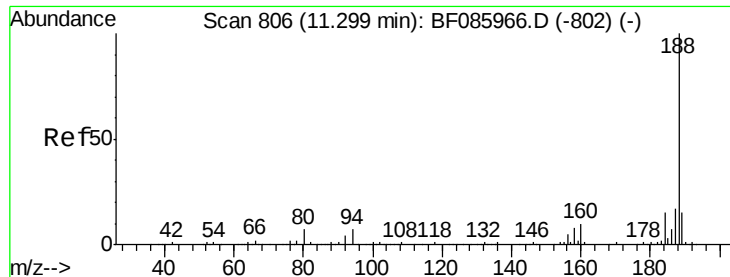


#56
 2,4-Dinitrotoluene
 Concen: 6.29 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.21 min
 Lab File: BF086022.D
 Acq: 2 Apr 2016 20:11

Tgt Ion:165 Resp: 24370
 Ion Ratio Lower Upper
 165 100
 63 0.0 24.9 37.3#
 89 1.8 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

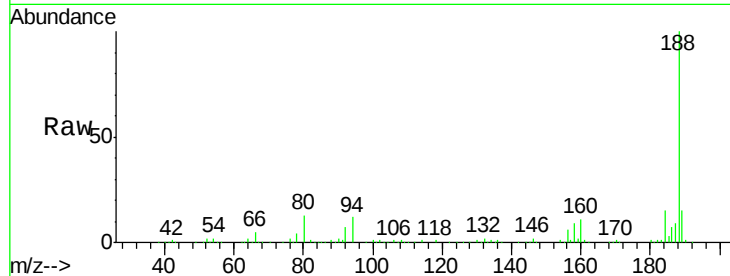




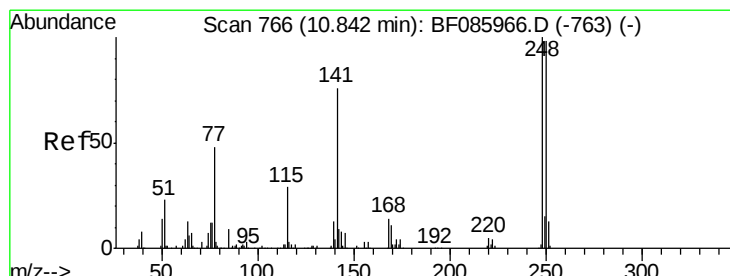
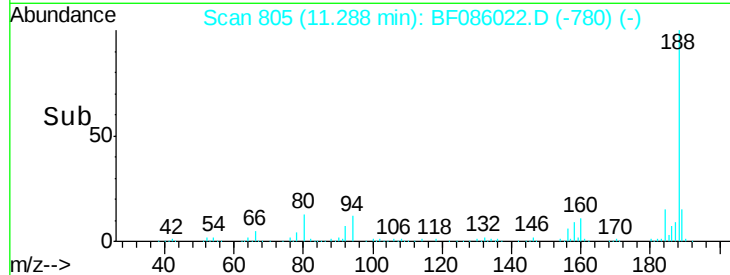
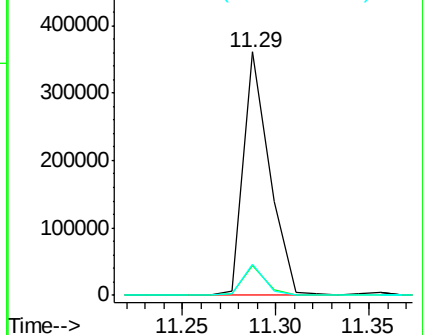
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
DB-EB-3

Tgt Ion:188 Resp: 352142
Ion Ratio Lower Upper
188 100
94 12.2 5.4 8.0#
80 12.9 5.5 8.3#

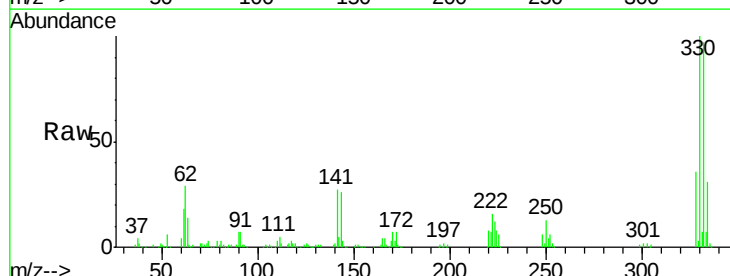


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

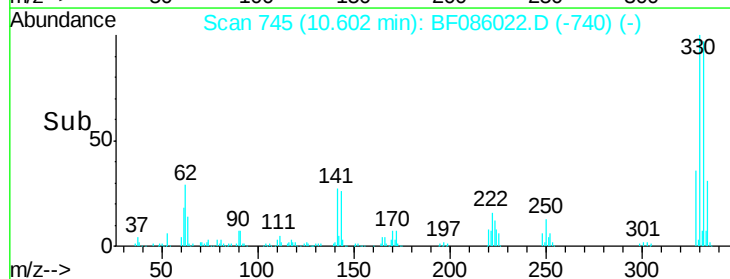
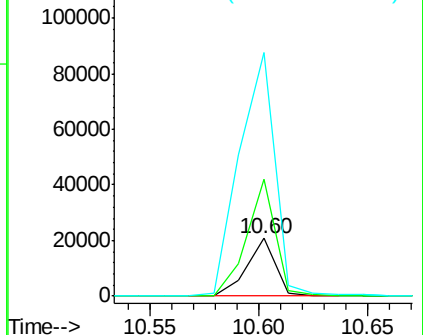


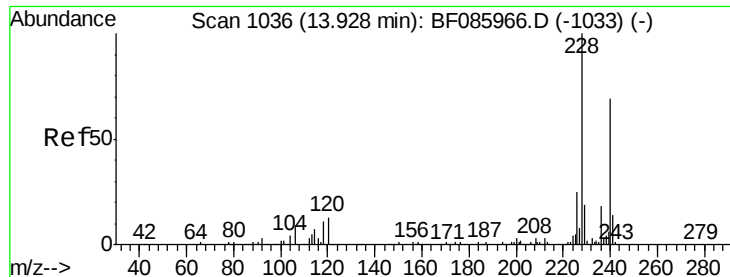
#66
4-Bromophenyl-phenylether
Concen: 5.26 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Tgt Ion:248 Resp: 18917
Ion Ratio Lower Upper
248 100
250 203.4 77.4 116.0#
141 423.4 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: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

Instrument :

BNA_F

ClientSampleId :

DB-EB-3

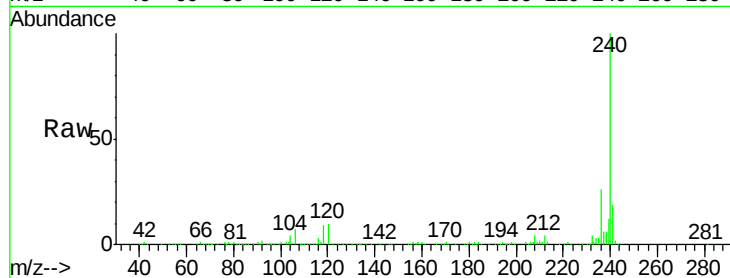
Tgt Ion:240 Resp: 241444

Ion Ratio Lower Upper

240 100

120 10.5 13.8 20.8#

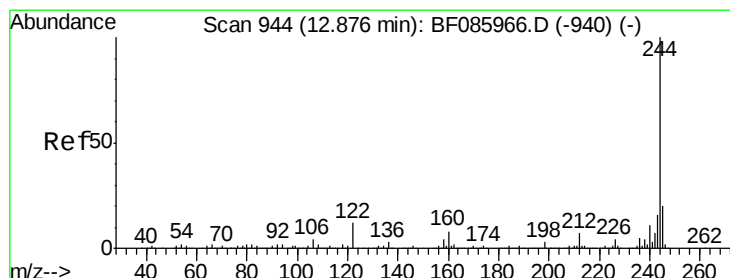
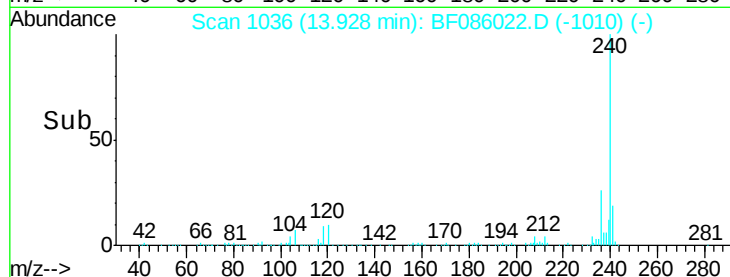
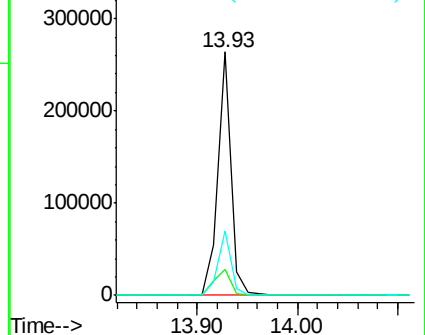
236 26.4 20.6 30.8



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: 99.72 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF086022.D

Acq: 2 Apr 2016 20:11

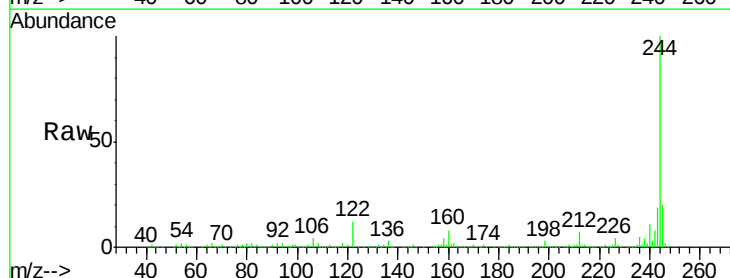
Tgt Ion:244 Resp: 1024232

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

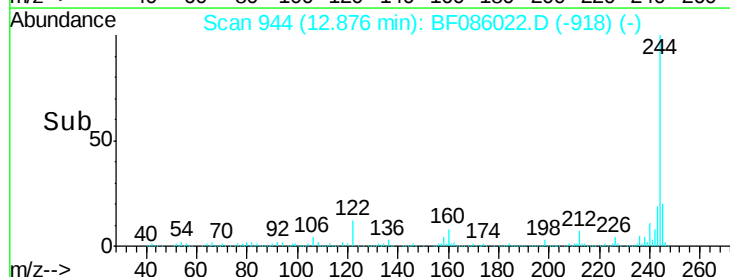
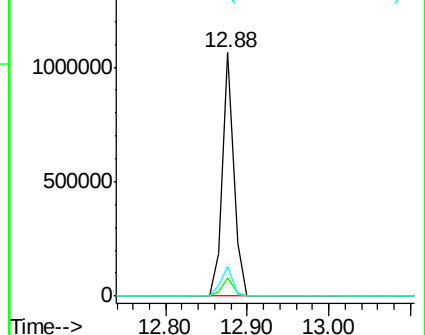
122 12.3 10.2 15.4

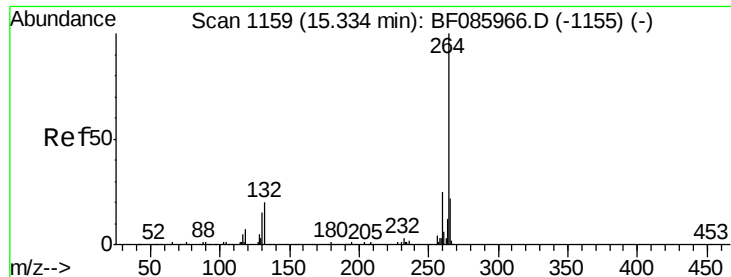


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.33 min Scan# 1159
Delta R.T. 0.00 min
Lab File: BF086022.D
Acq: 2 Apr 2016 20:11

Instrument :
BNA_F
ClientSampleId :
DB-EB-3

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.0	17.2	25.8

