

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF085999.D
 Acq On : 2 Apr 2016 9:17
 Operator : UM/SJ
 Sample : H2055-01
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)

Quant Time: Apr 04 01:00:51 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

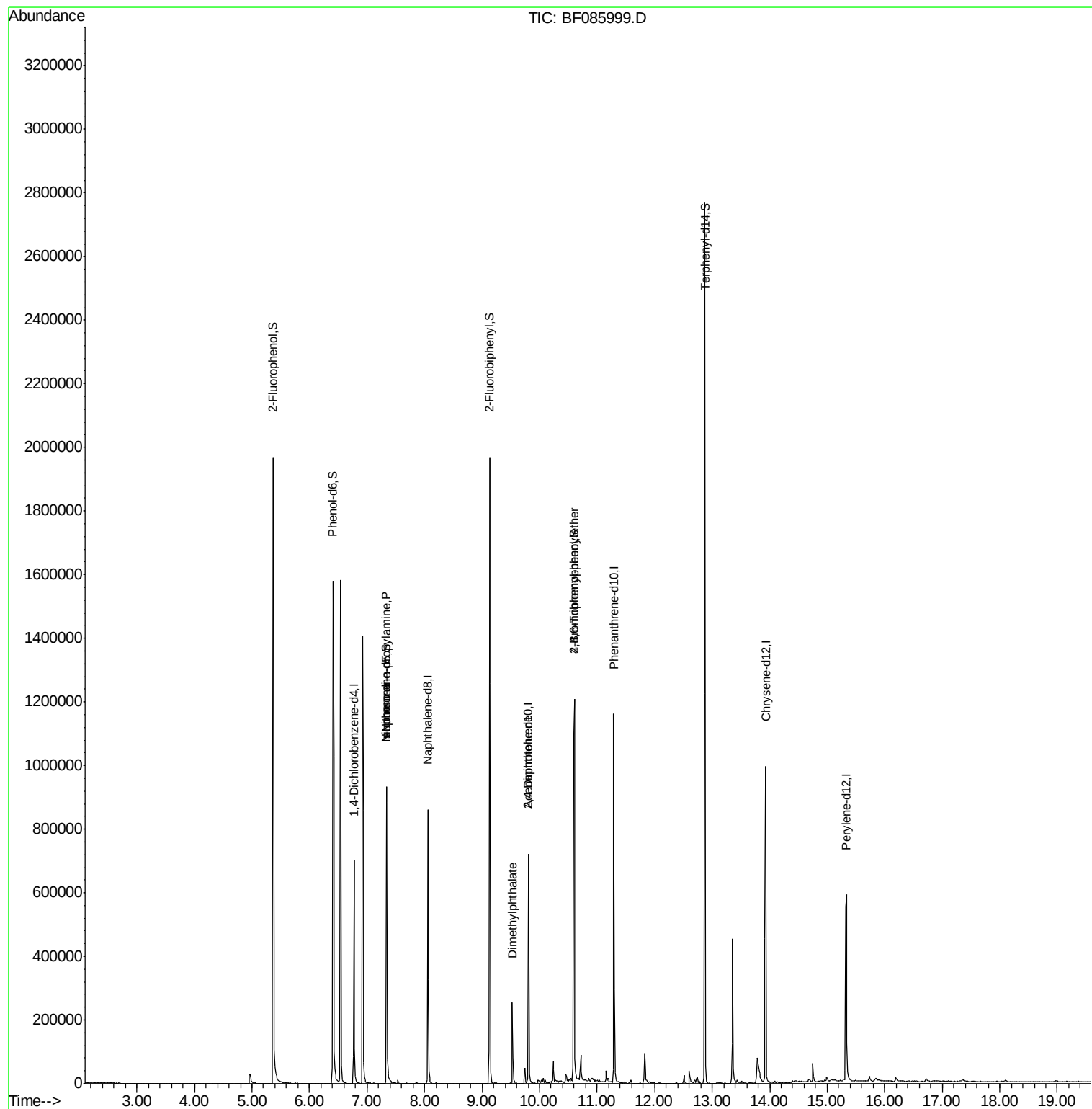
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	111580	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	445496	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	203750	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	420262	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	385237	20.00	ng	0.00
86) Perylene-d12	15.33	264	330303	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	621669	95.23	ng	0.00
7) Phenol-d6	6.41	99	792308	95.56	ng	-0.01
23) Nitrobenzene-d5	7.33	82	494343	65.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	234254	122.49	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	808090	65.94	ng	-0.01
78) Terphenyl-d14	12.88	244	938201	57.25	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	63123	12.28	ng	# 80
25) Isophorone	7.33	82	488564	32.76	ng	# 68
49) Dimethylphthalate	9.53	163	109883	7.28	ng	99
56) 2,4-Dinitrotoluene	9.80	165	25622	6.35	ng	# 36
66) 4-Bromophenyl-phenylether	10.60	248	14586	3.40	ng	# 1

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

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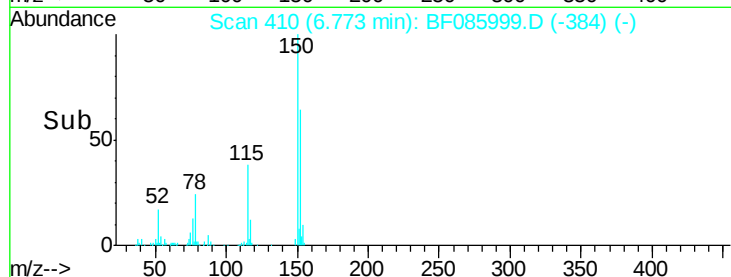
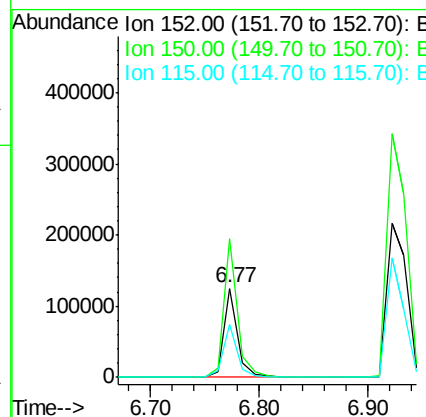
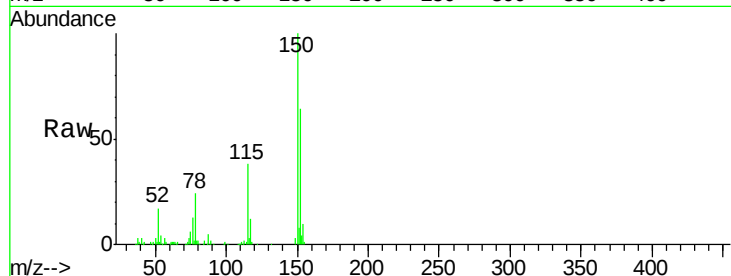


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. 0.00 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)

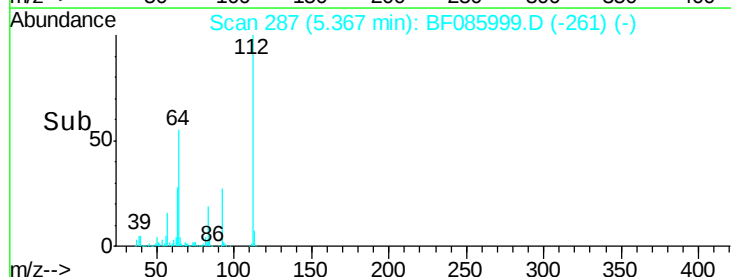
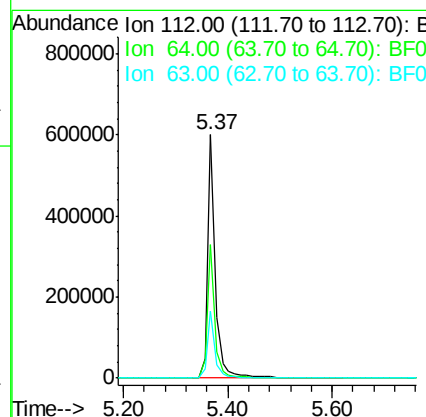
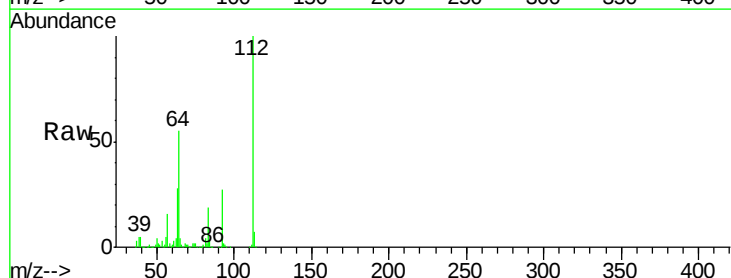
Tgt Ion:152 Resp: 111580
Ion Ratio Lower Upper
152 100
150 156.0 124.2 186.2
115 59.1 47.0 70.6



#5

2-Fluorophenol
Concen: 95.23 ng
RT: 5.37 min Scan# 287
Delta R.T. 0.00 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Tgt Ion:112 Resp: 621669
Ion Ratio Lower Upper
112 100
64 54.8 39.9 59.9
63 27.8 20.2 30.2





#7

Phenol-d6

Concen: 95.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF085999.D

Acq: 2 Apr 2016 9:17

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)

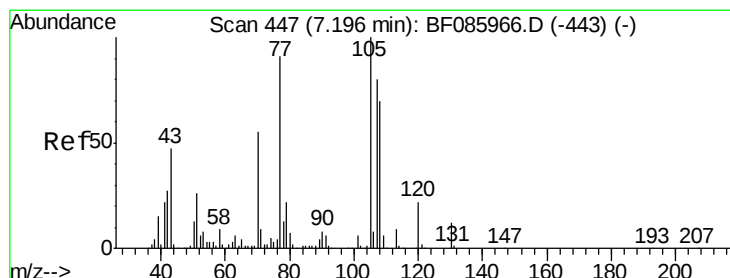
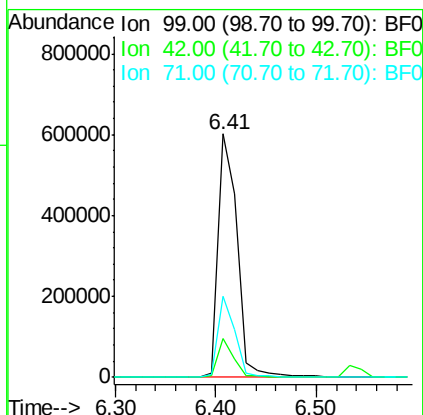
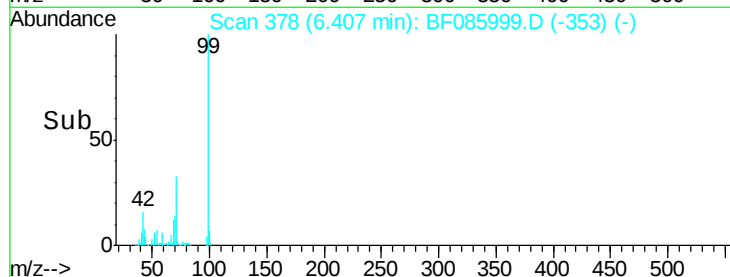
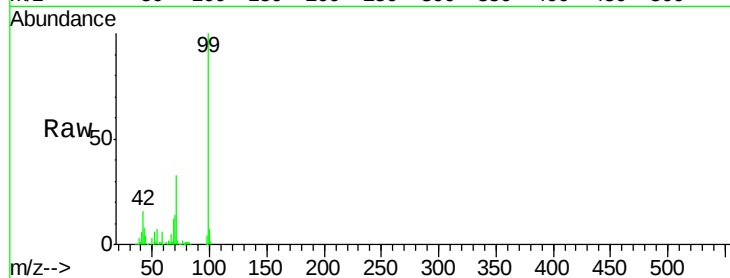
Tgt Ion: 99 Resp: 792308

Ion Ratio Lower Upper

99 100

42 16.0 11.1 16.7

71 33.4 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.28 ng

RT: 7.33 min Scan# 459

Delta R.T. 0.14 min

Lab File: BF085999.D

Acq: 2 Apr 2016 9:17

Tgt Ion: 70 Resp: 63123

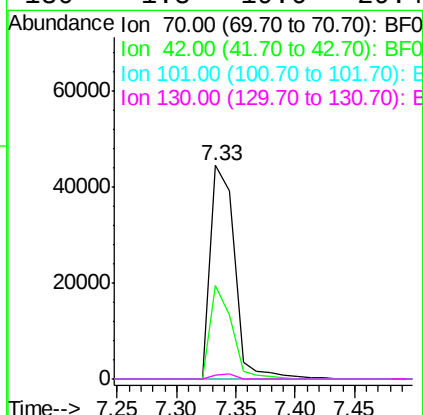
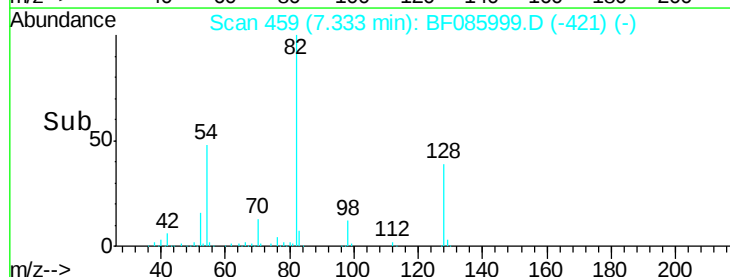
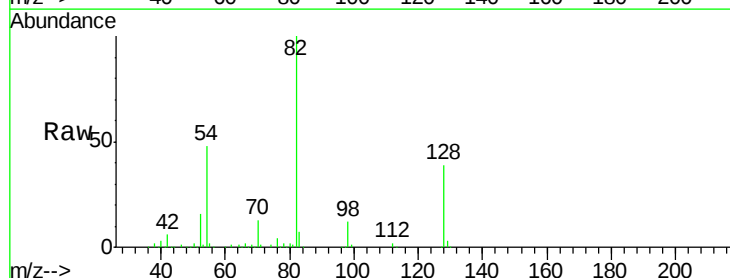
Ion Ratio Lower Upper

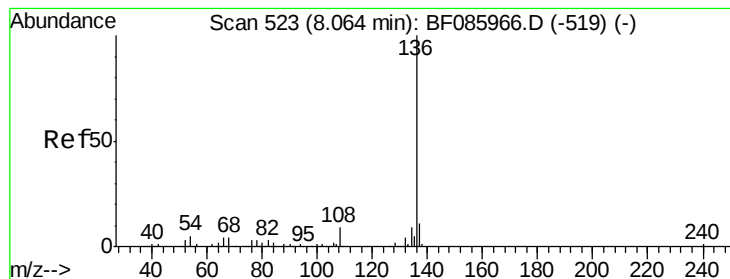
70 100

42 43.9 37.1 55.7

101 0.0 8.6 12.8#

130 1.8 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: BF085999.D

Acq: 2 Apr 2016 9:17

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)

Tgt Ion: 136 Resp: 445496

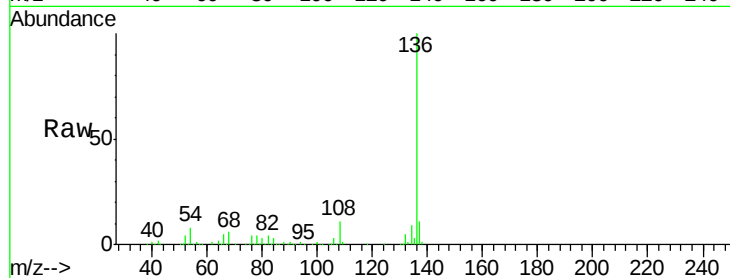
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 7.8 7.4 11.0

68 6.4 5.8 8.8

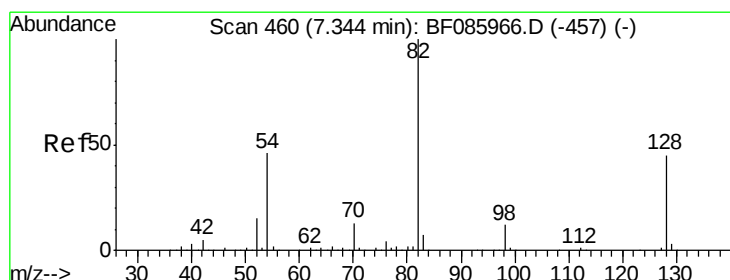
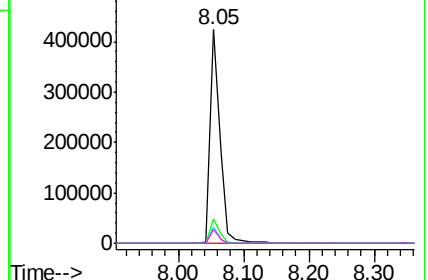
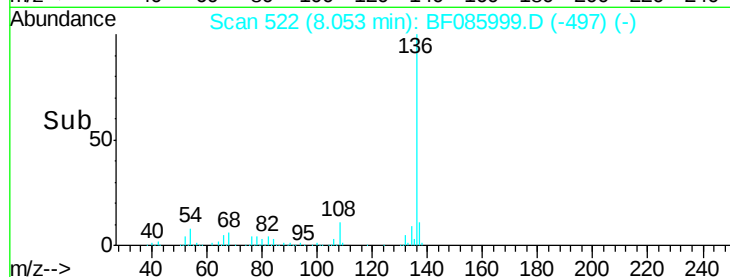


Abundance Ion 136.00 (135.70 to 136.70): E

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: 65.44 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF085999.D

Acq: 2 Apr 2016 9:17

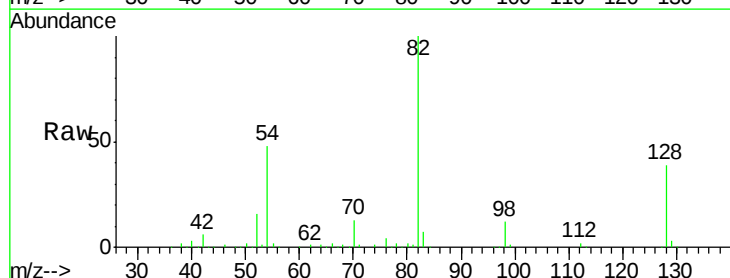
Tgt Ion: 82 Resp: 494343

Ion Ratio Lower Upper

82 100

128 38.6 41.8 62.8#

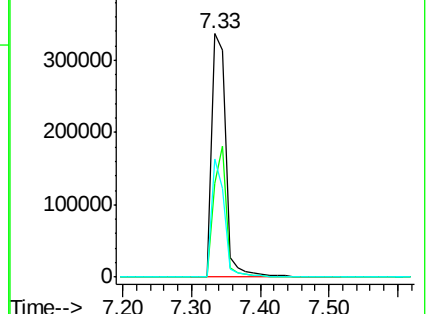
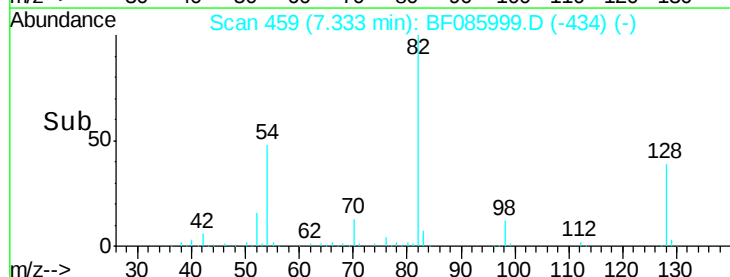
54 48.5 33.4 50.0

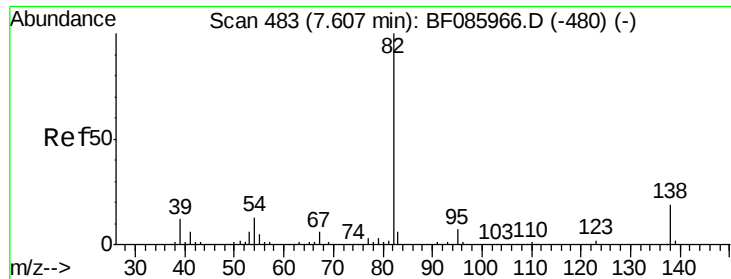


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

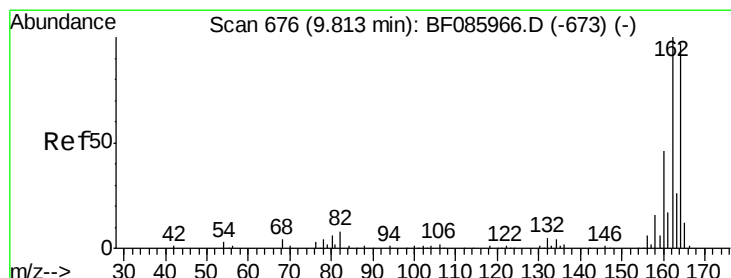
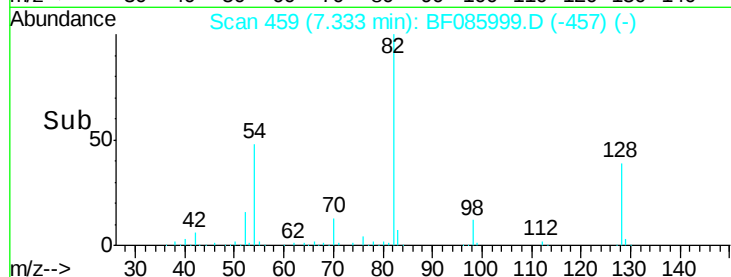
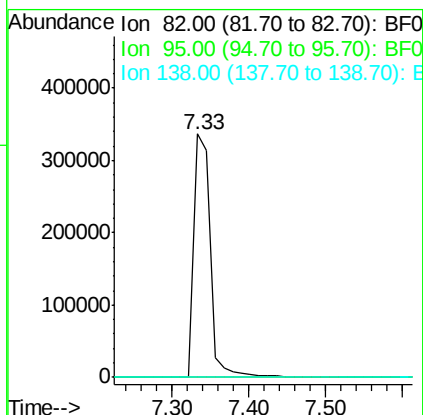
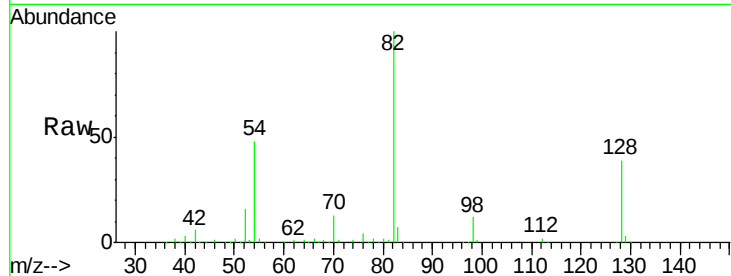




#25
Isophorone
Concen: 32.76 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.27 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

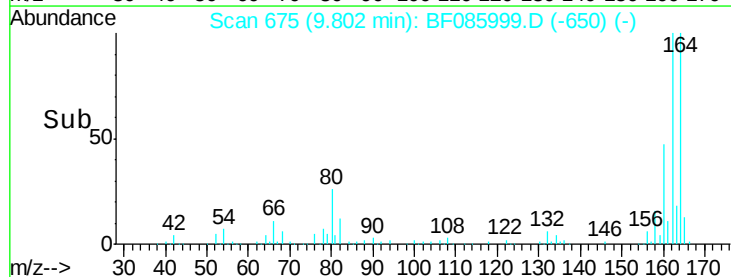
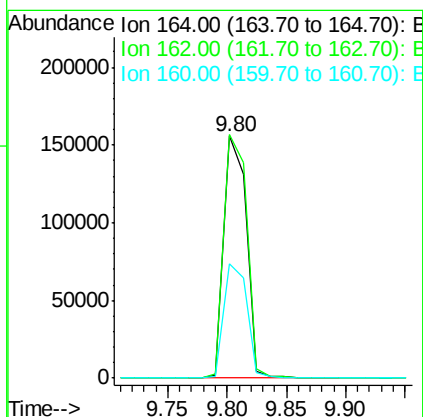
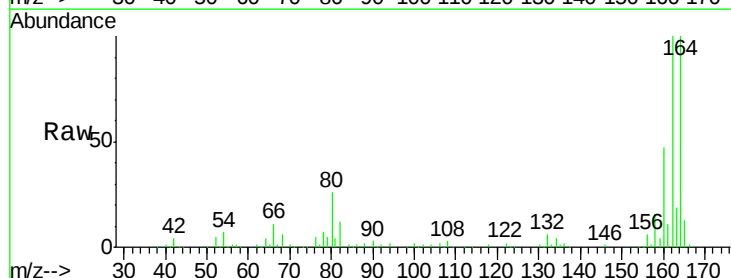
Instrument :
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ClientSampleId :
BH-1(0-2)

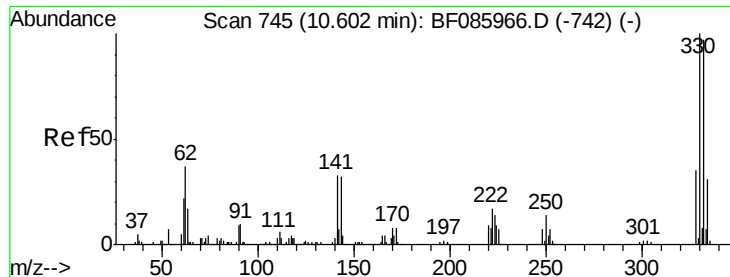
Tgt Ion: 82 Resp: 488564
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.2#
138 0.0 12.9 19.3#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.01 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Tgt Ion: 164 Resp: 203750
Ion Ratio Lower Upper
164 100
162 100.5 82.1 123.1
160 47.2 37.4 56.2

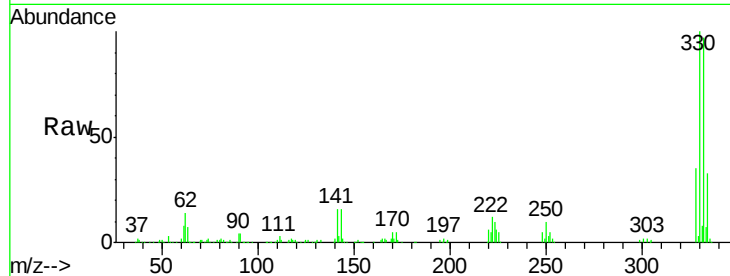




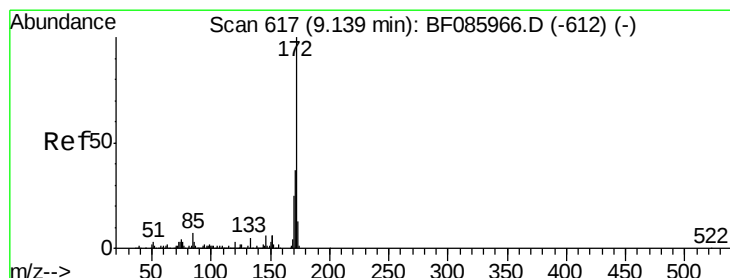
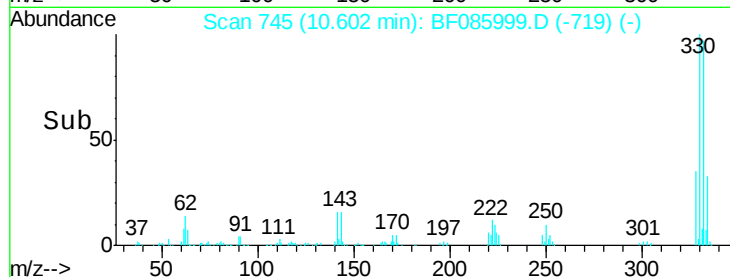
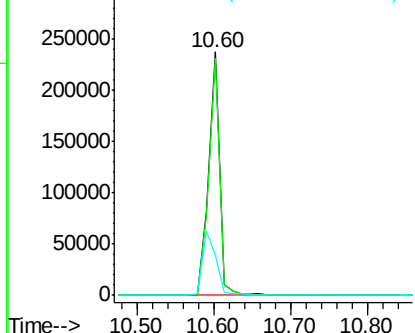
#41
 2,4,6-Tribromophenol
 Concen: 122.49 ng
 RT: 10.60 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF085999.D
 Acq: 2 Apr 2016 9:17

Instrument :
 BNA_F
 ClientSampleId :
 BH-1(0-2)

Tgt Ion:330 Resp: 234254
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.2
 141 32.5 31.5 47.3

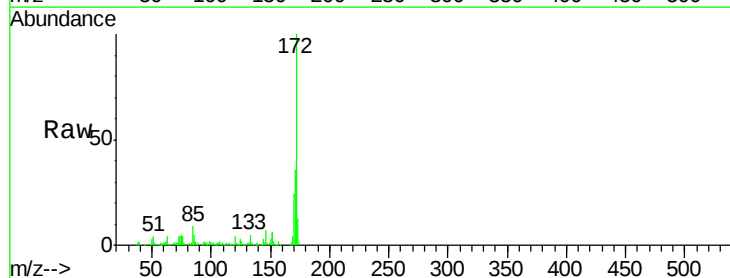


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

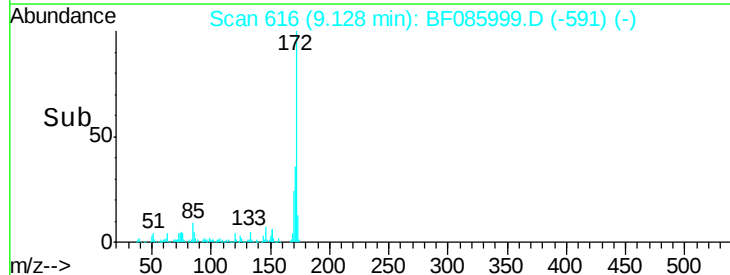
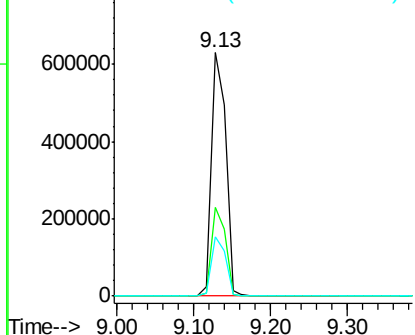


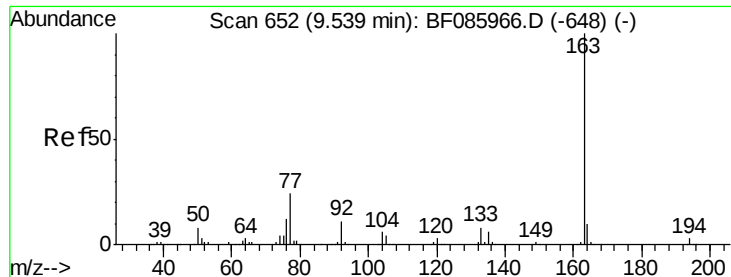
#44
 2-Fluorobiphenyl
 Concen: 65.94 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF085999.D
 Acq: 2 Apr 2016 9:17

Tgt Ion:172 Resp: 808090
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.2
 170 24.4 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

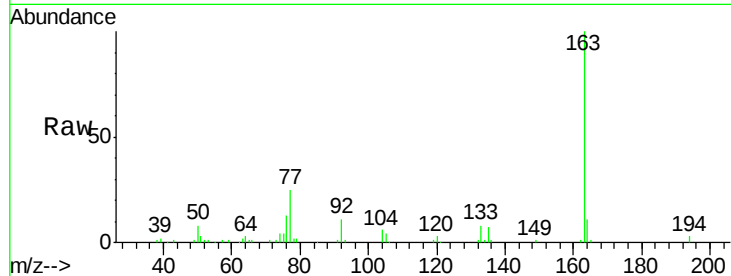




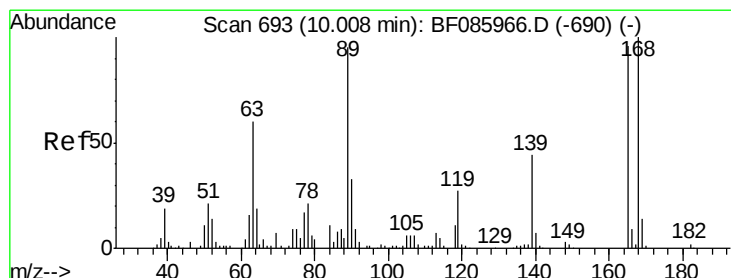
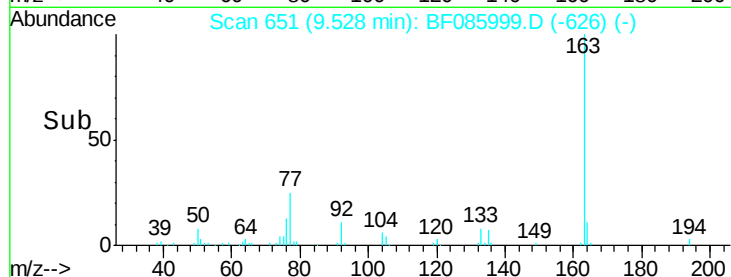
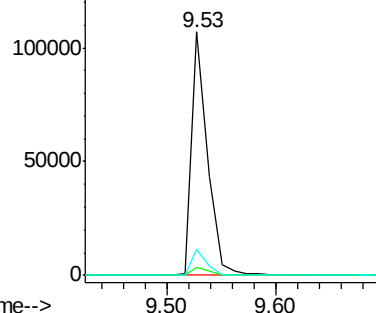
#49
Dimethylphthalate
Concen: 7.28 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.01 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)

Tgt Ion:163 Resp: 109883
Ion Ratio Lower Upper
163 100
194 3.2 2.9 4.3
164 10.5 8.3 12.5

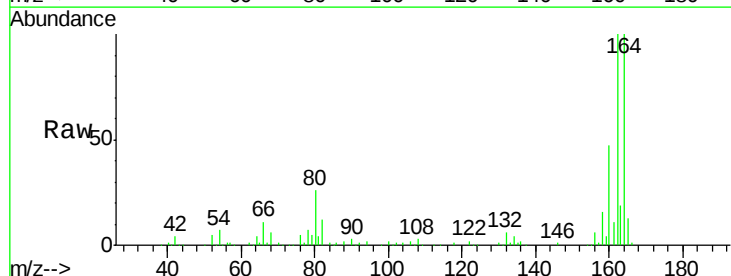


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

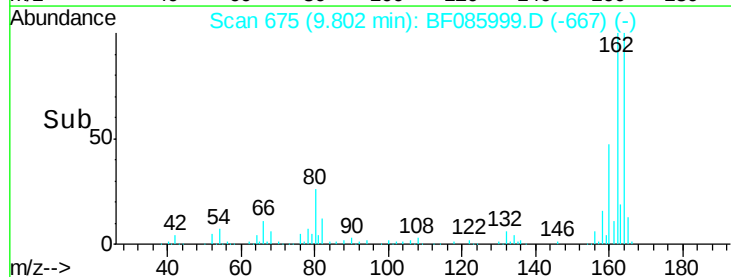
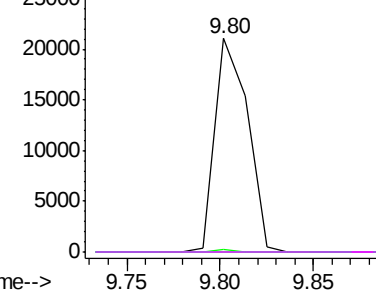


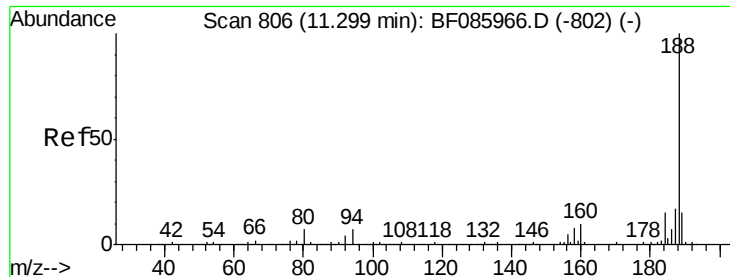
#56
2,4-Dinitrotoluene
Concen: 6.35 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.21 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Tgt Ion:165 Resp: 25622
Ion Ratio Lower Upper
165 100
63 1.5 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

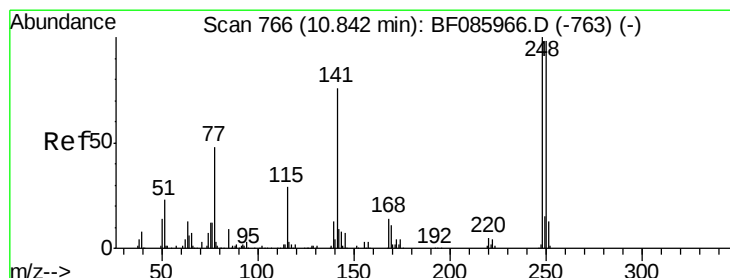
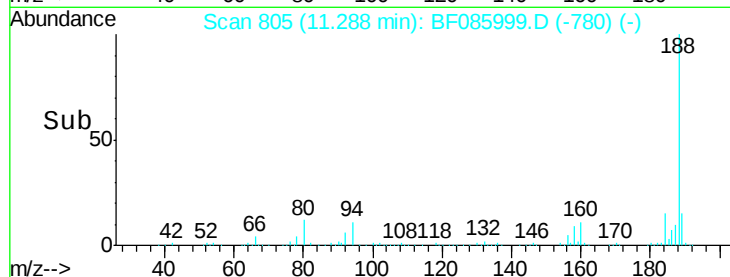
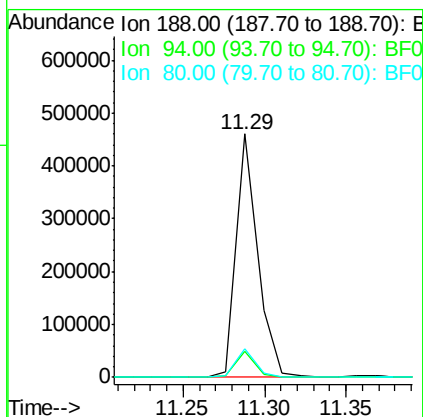
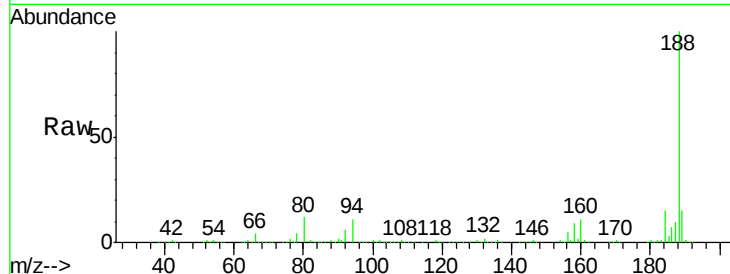




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

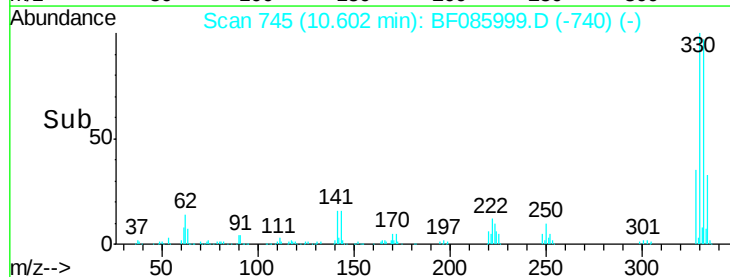
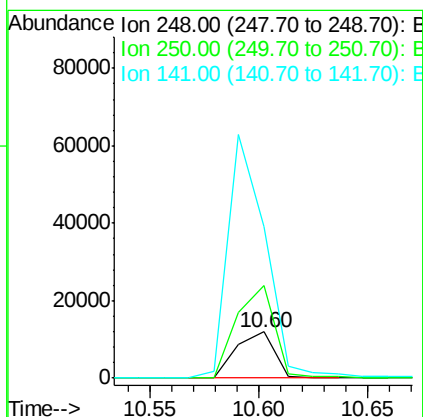
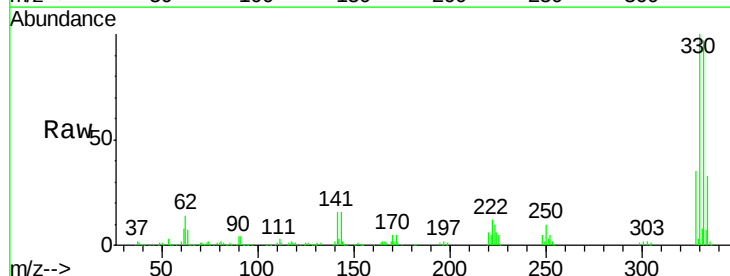
Instrument :
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BH-1(0-2)

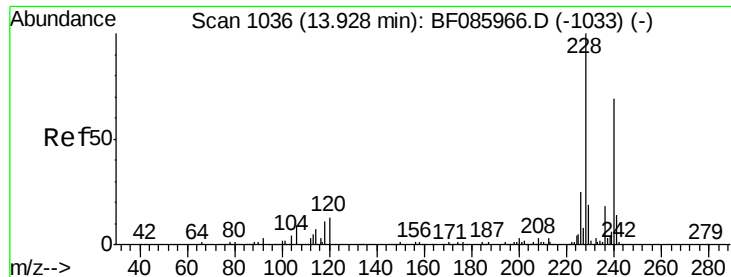
Tgt Ion:188 Resp: 420262
Ion Ratio Lower Upper
188 100
94 10.9 5.4 8.0#
80 11.9 5.5 8.3#



#66
4-Bromophenyl-phenylether
Concen: 3.40 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.24 min
Lab File: BF085999.D
Acq: 2 Apr 2016 9:17

Tgt Ion:248 Resp: 14586
Ion Ratio Lower Upper
248 100
250 201.5 77.4 116.0#
141 328.2 63.6 95.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF085999.D

Acq: 2 Apr 2016 9:17

Instrument :

BNA_F

ClientSampleId :

BH-1(0-2)

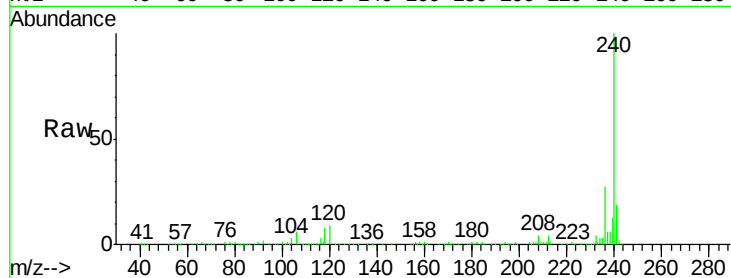
Tgt Ion:240 Resp: 385237

Ion Ratio Lower Upper

240 100

120 9.3 13.8 20.8#

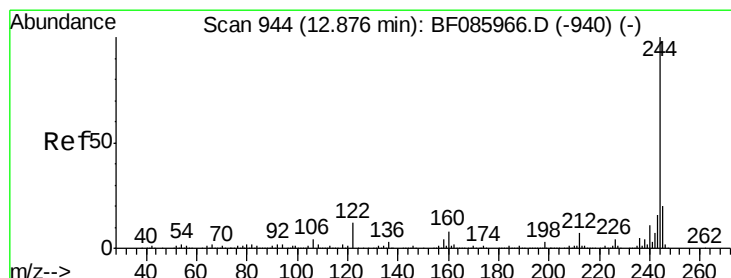
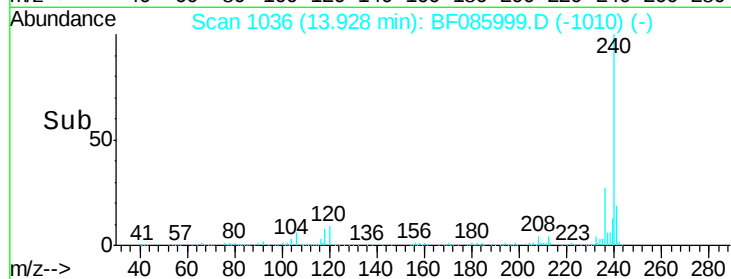
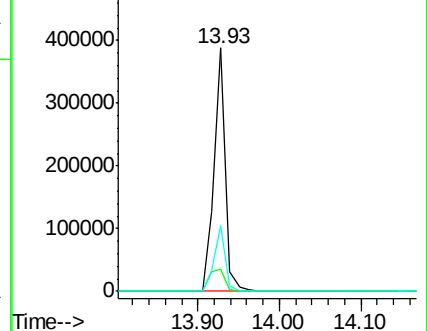
236 26.8 20.6 30.8



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: 57.25 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF085999.D

Acq: 2 Apr 2016 9:17

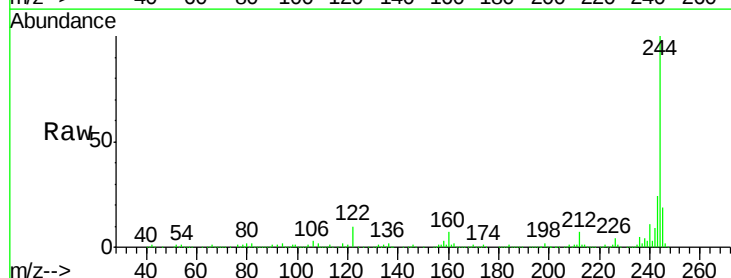
Tgt Ion:244 Resp: 938201

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

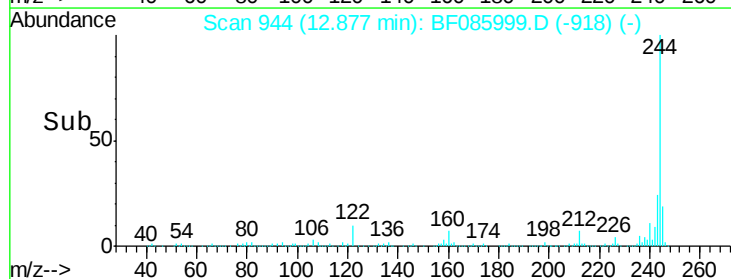
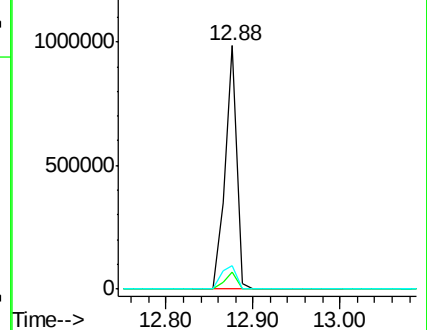
122 9.6 10.2 15.4#

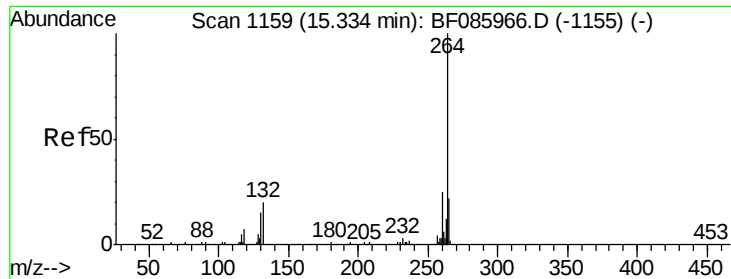


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF085999.D
Acq: 2 Apr 2016 9:17

Instrument :
BNA_F
ClientSampleId :
BH-1(0-2)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.1	17.2	25.8

