

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040216\
 Data File : BF086007.D
 Acq On : 2 Apr 2016 13:05
 Operator : UM/SJ
 Sample : H2055-09
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BH-9(5-7)

Quant Time: Apr 04 01:03:55 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

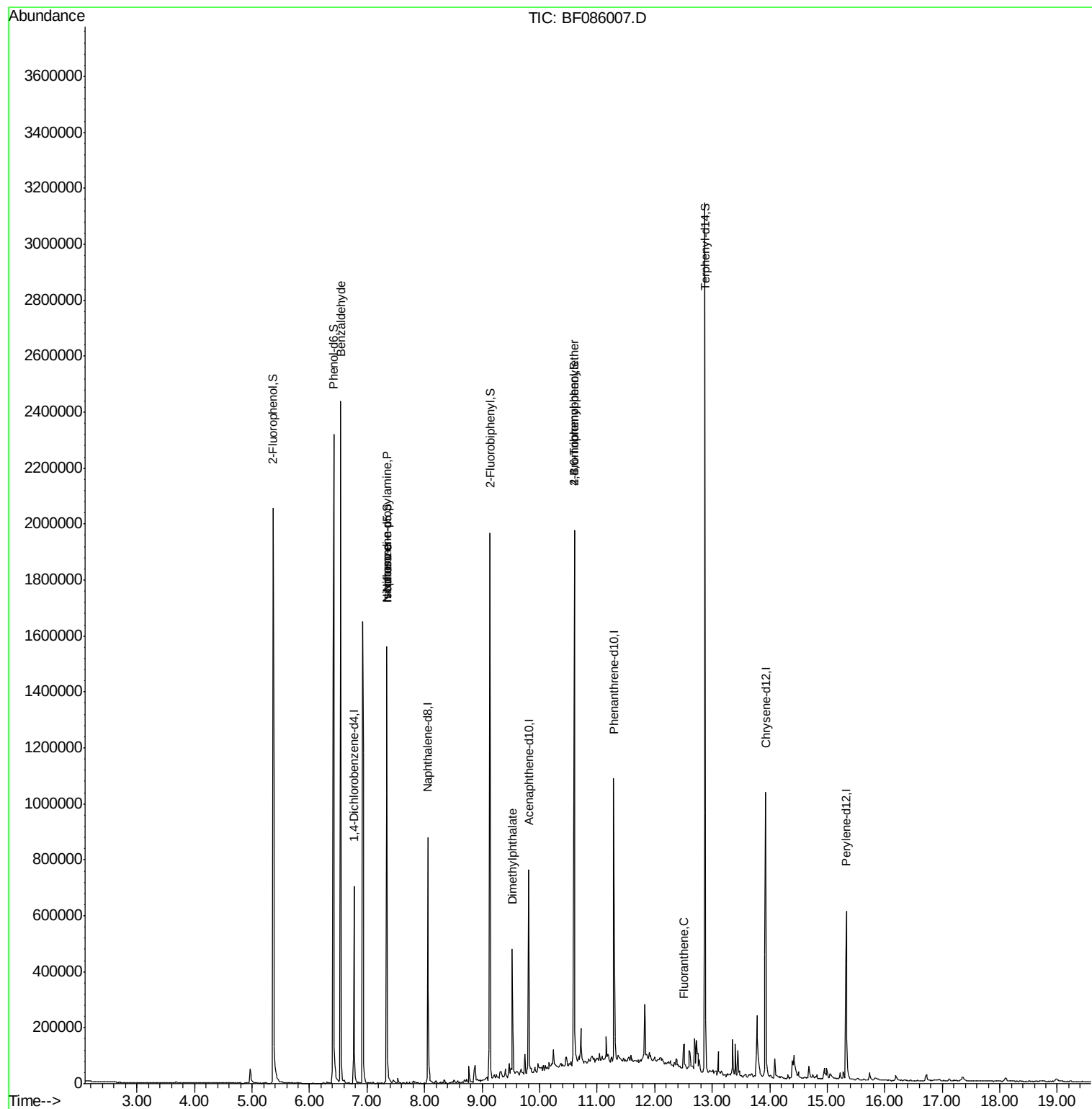
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110181	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	437261	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	208445	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	409400	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	369210	20.00	ng	0.00
86) Perylene-d12	15.33	264	294179	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	784777	121.75	ng	0.00
7) Phenol-d6	6.42	99	1118171	136.57	ng	0.00
23) Nitrobenzene-d5	7.34	82	685822	92.50	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	287677	147.04	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	960942	76.65	ng	0.00
78) Terphenyl-d14	12.88	244	963985	61.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	18841	4.28	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.34	70	89200	17.58	ng	# 74
25) Isophorone	7.34	82	675949	46.18	ng	# 68
49) Dimethylphthalate	9.53	163	192658	12.47	ng	99
66) 4-Bromophenyl-phenylether	10.60	248	18821	4.50	ng	# 1
74) Fluoranthene	12.51	202	51138	2.20	ng	90

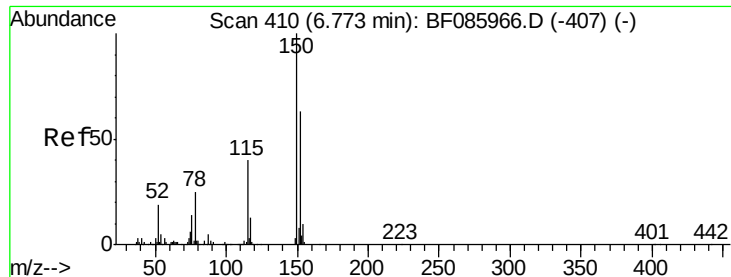
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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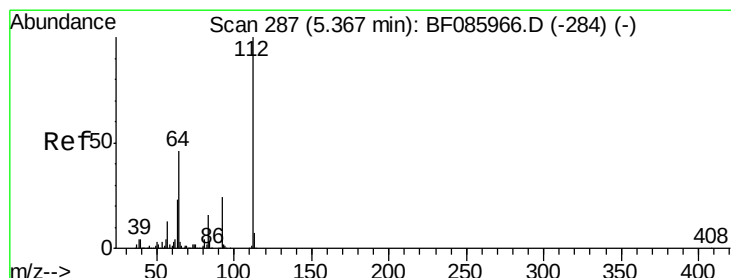
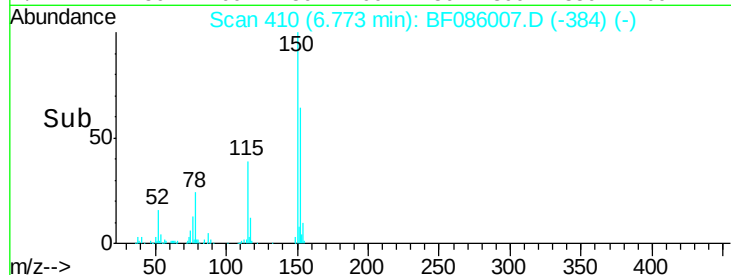
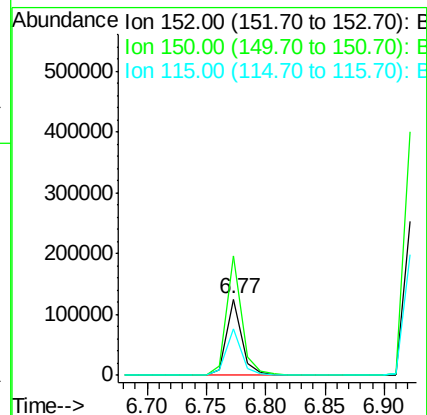
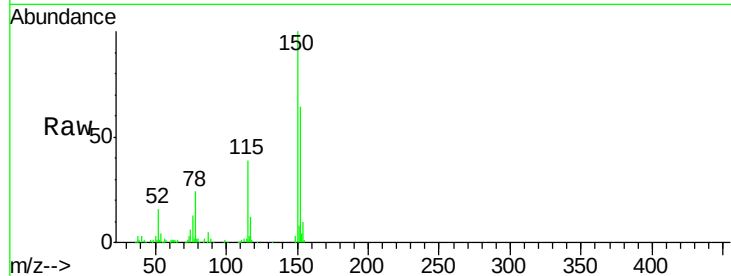


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 410
Delta R.T. -0.00 min
Lab File: BF086007.D
Acq: 2 Apr 2016 13:05

Instrument :
BNA_F
ClientSampleId :
BH-9(5-7)

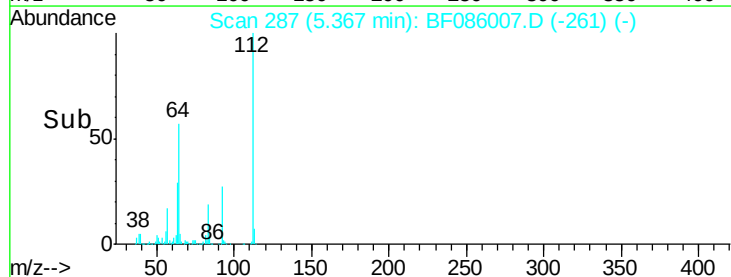
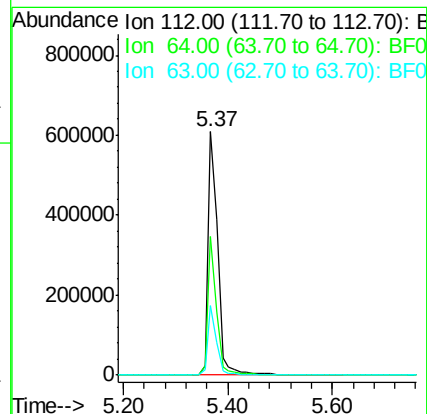
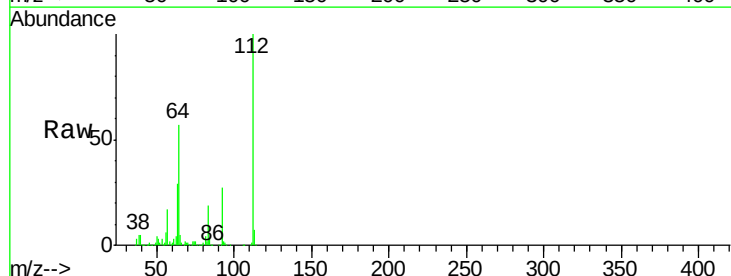
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.2	186.2
115	60.6	47.0	70.6

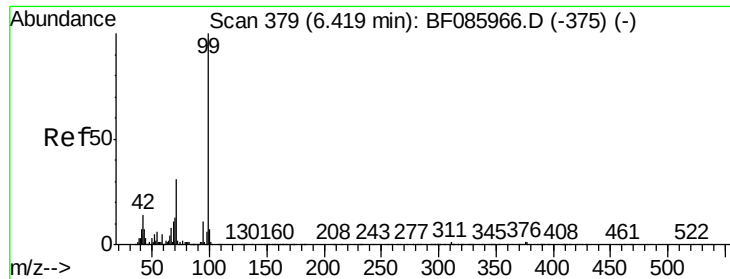


#5

2-Fluorophenol
Concen: 121.75 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.00 min
Lab File: BF086007.D
Acq: 2 Apr 2016 13:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	39.9	59.9
63	28.7	20.2	30.2





#7

Phenol-d6

Concen: 136.57 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.00 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

Instrument :

BNA_F

ClientSampleId :

BH-9(5-7)

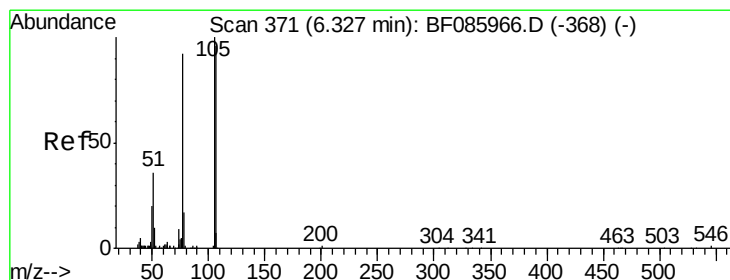
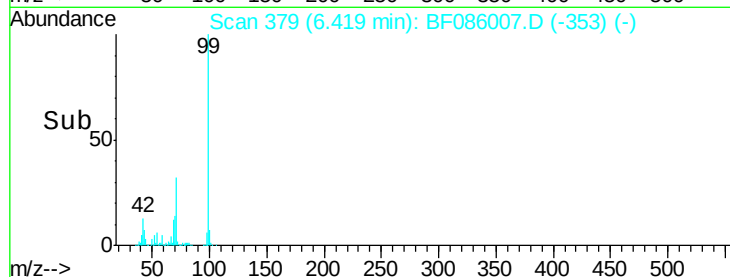
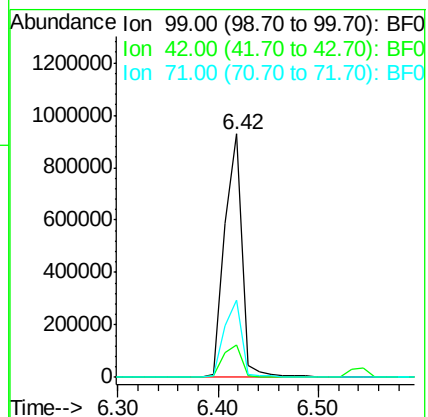
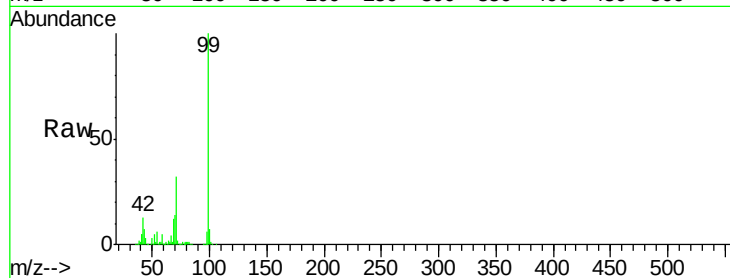
Tgt Ion: 99 Resp: 1118171

Ion Ratio Lower Upper

99 100

42 13.3 11.1 16.7

71 31.6 24.9 37.3



#9

Benzaldehyde

Concen: 4.28 ng

RT: 6.54 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

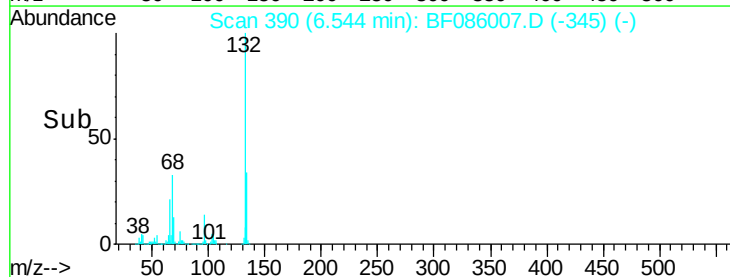
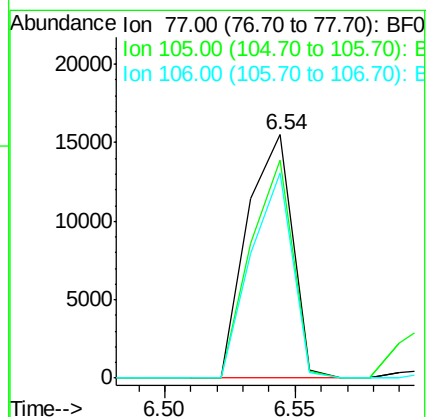
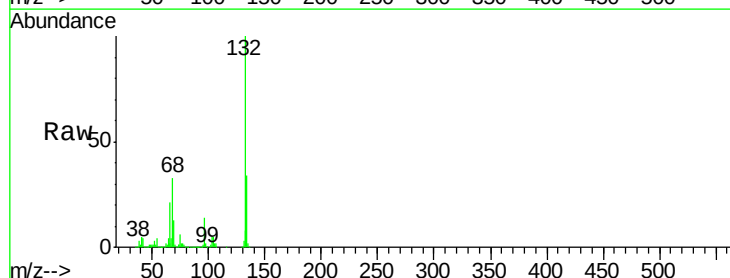
Tgt Ion: 77 Resp: 18841

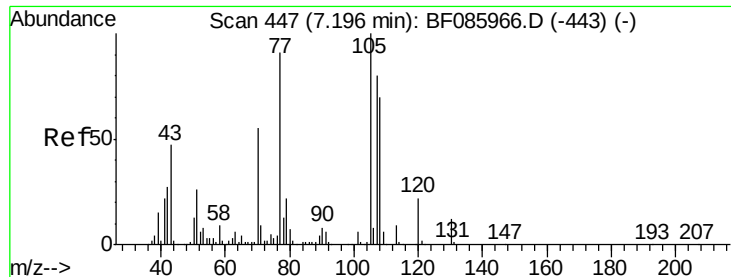
Ion Ratio Lower Upper

77 100

105 89.7 80.1 120.1

106 84.1 75.0 115.0

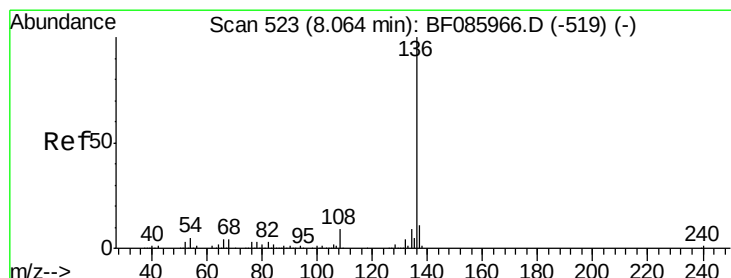
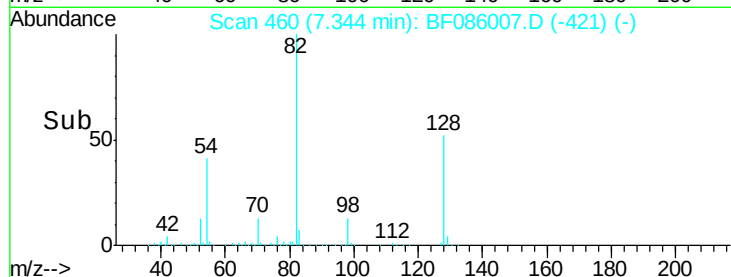
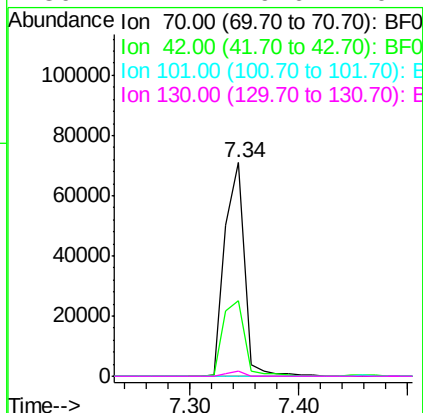
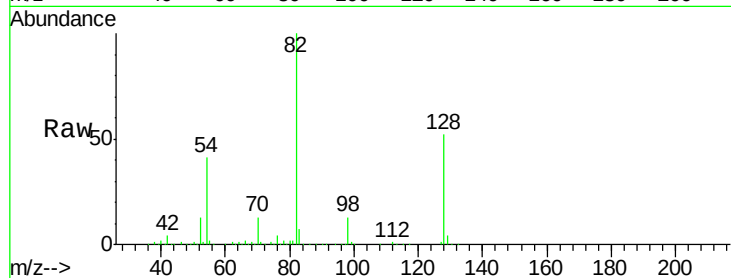




#19
n-Nitroso-di-n-propylamine
Concen: 17.58 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.15 min
Lab File: BF086007.D
Acq: 2 Apr 2016 13:05

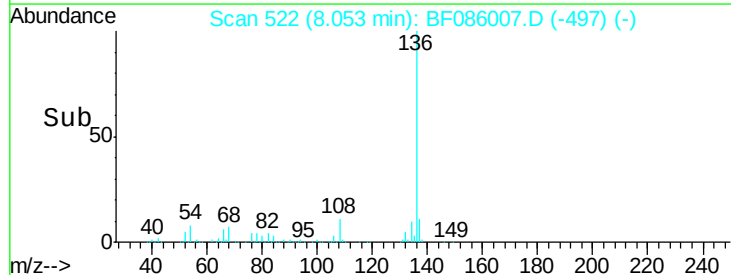
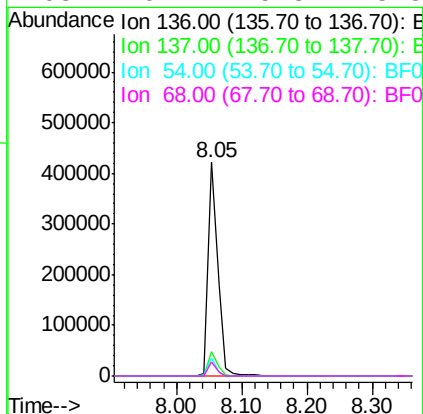
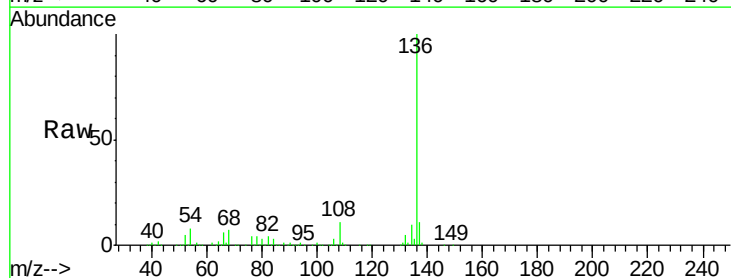
Instrument :
BNA_F
ClientSampleId :
BH-9(5-7)

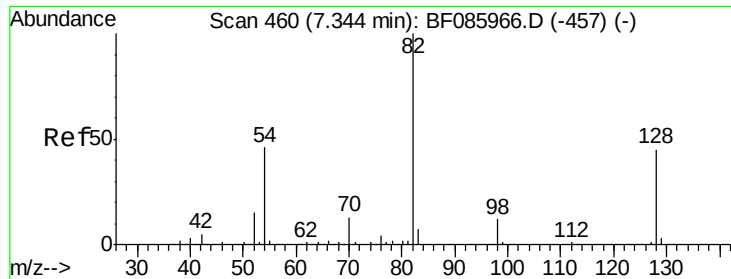
Tgt Ion: 70 Resp: 89200
Ion Ratio Lower Upper
70 100
42 35.4 37.1 55.7#
101 0.0 8.6 12.8#
130 2.7 19.6 29.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF086007.D
Acq: 2 Apr 2016 13:05

Tgt Ion: 136 Resp: 437261
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 8.3 7.4 11.0
68 6.7 5.8 8.8

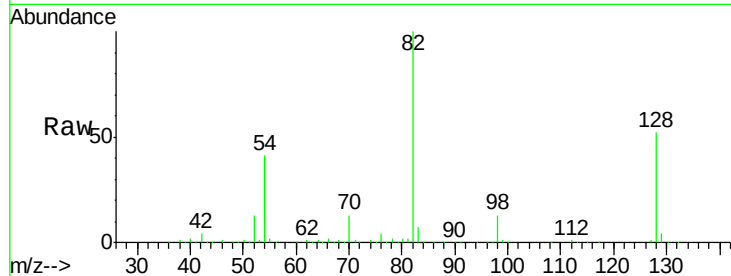




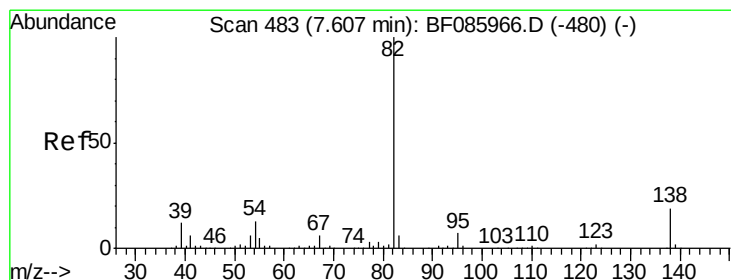
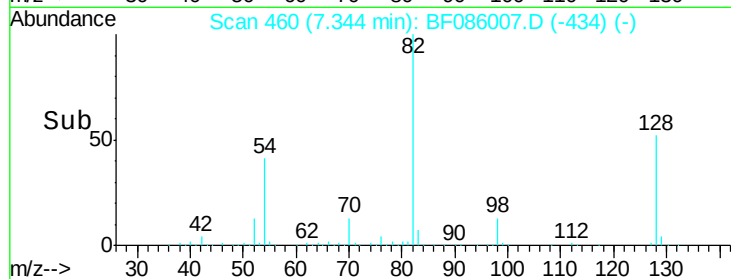
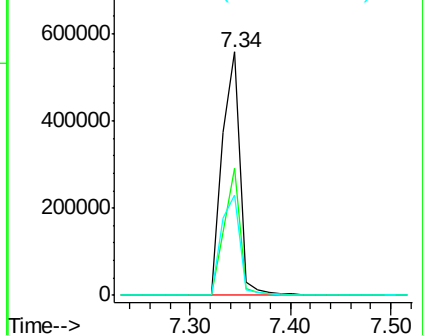
#23
 Nitrobenzene-d5
 Concen: 92.50 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: BF086007.D
 Acq: 2 Apr 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 BH-9(5-7)

Tgt Ion: 82 Resp: 685822
 Ion Ratio Lower Upper
 82 100
 128 52.5 41.8 62.8
 54 40.9 33.4 50.0

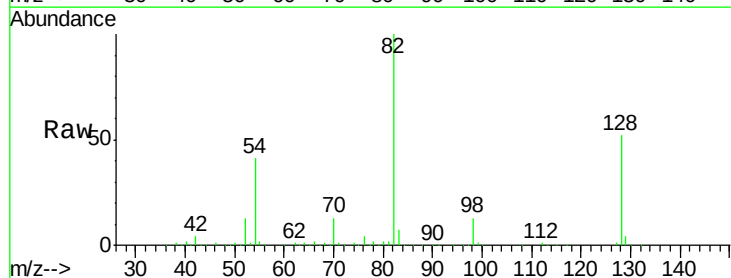


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

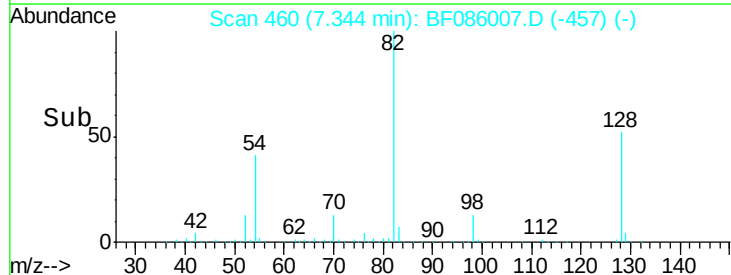
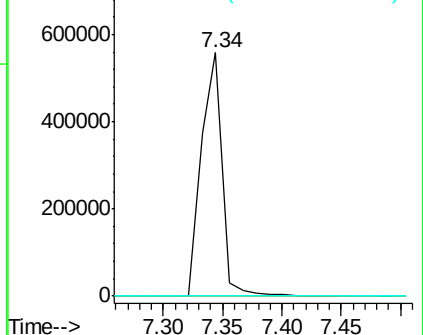


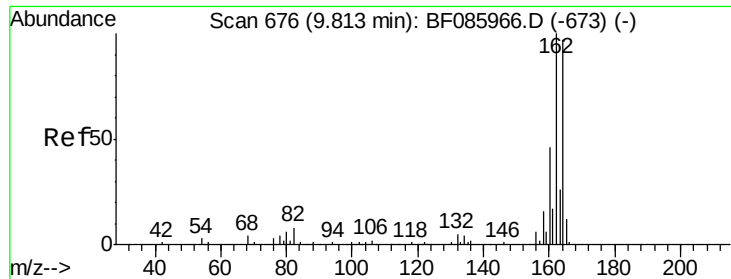
#25
 Isophorone
 Concen: 46.18 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.26 min
 Lab File: BF086007.D
 Acq: 2 Apr 2016 13:05

Tgt Ion: 82 Resp: 675949
 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

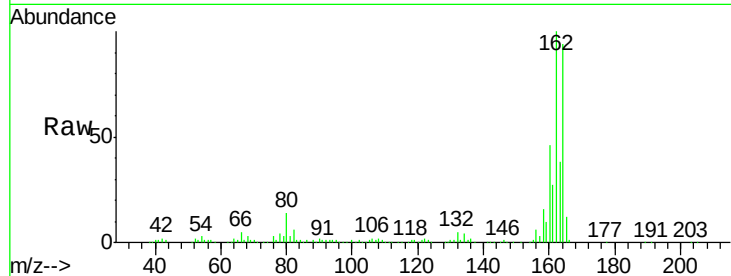




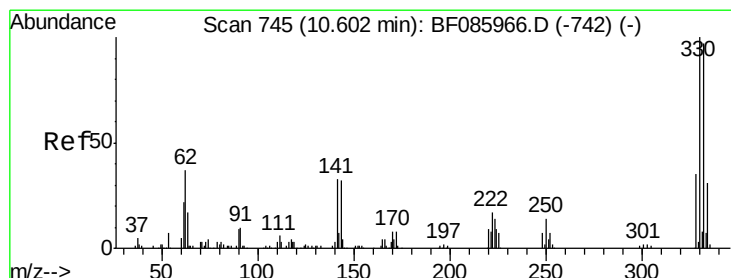
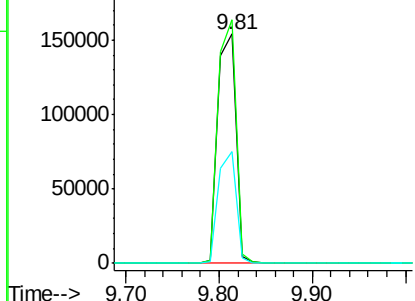
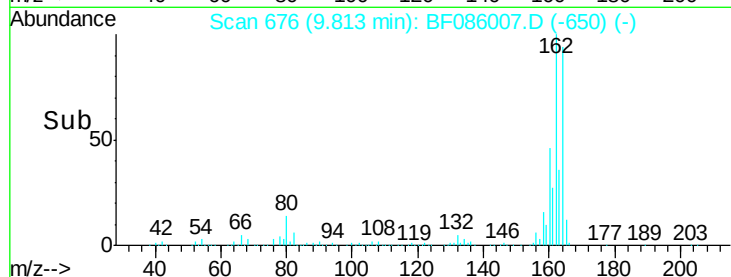
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.00 min
 Lab File: BF086007.D
 Acq: 2 Apr 2016 13:05

Instrument :
 BNA_F
 ClientSampleId :
 BH-9(5-7)

Tgt Ion:164 Resp: 208445
 Ion Ratio Lower Upper
 164 100
 162 106.2 82.1 123.1
 160 49.0 37.4 56.2

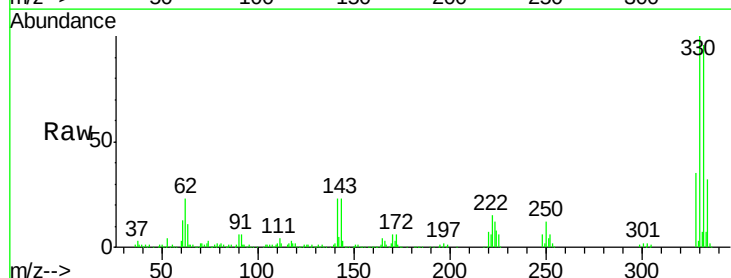


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

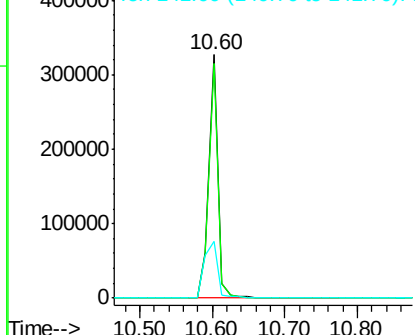
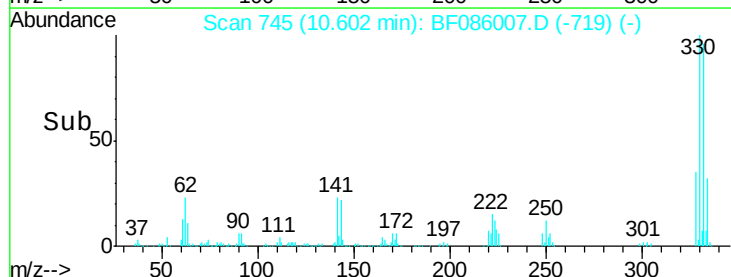


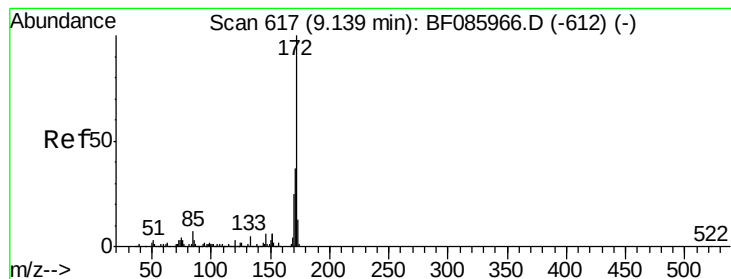
#41
 2,4,6-Tribromophenol
 Concen: 147.04 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF086007.D
 Acq: 2 Apr 2016 13:05

Tgt Ion:330 Resp: 287677
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.2 117.2
 141 33.8 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: 76.65 ng

RT: 9.14 min Scan# 617

Delta R.T. -0.00 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

Instrument :

BNA_F

ClientSampleId :

BH-9(5-7)

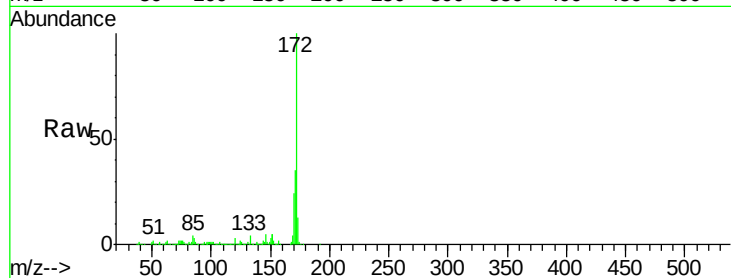
Tgt Ion:172 Resp: 960942

Ion Ratio Lower Upper

172 100

171 35.4 29.4 44.2

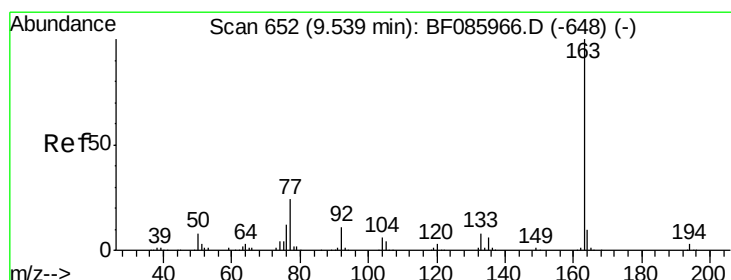
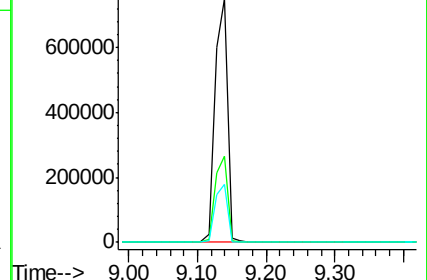
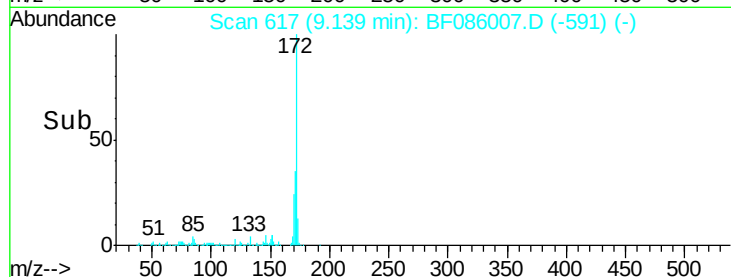
170 24.0 19.8 29.6



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



#49

Dimethylphthalate

Concen: 12.47 ng

RT: 9.53 min Scan# 651

Delta R.T. -0.01 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

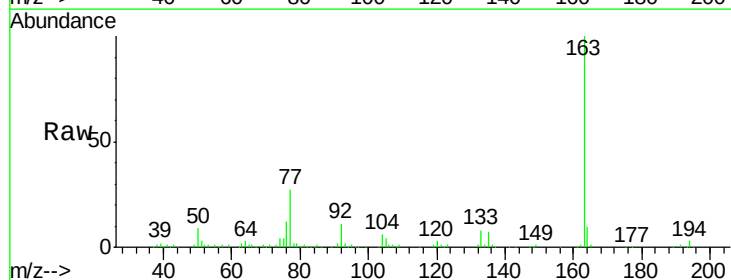
Tgt Ion:163 Resp: 192658

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

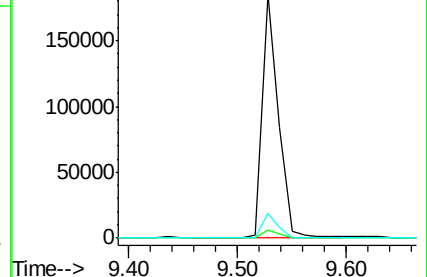
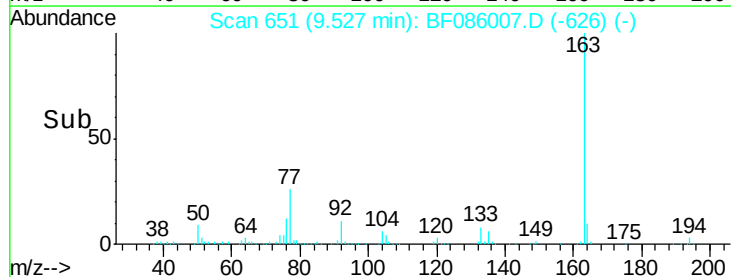
164 10.1 8.3 12.5

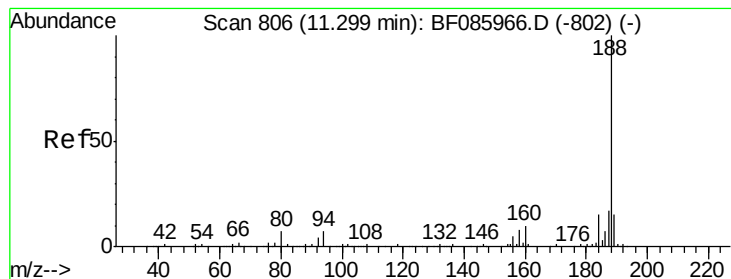


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

Instrument :

BNA_F

ClientSampleId :

BH-9(5-7)

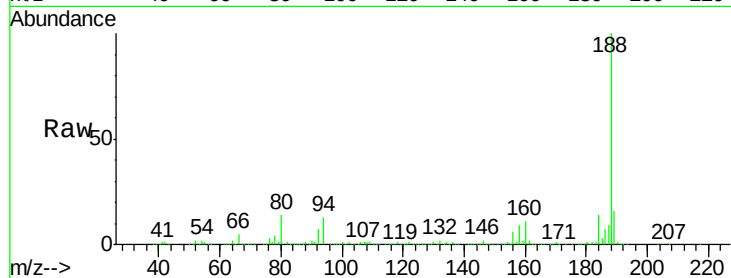
Tgt Ion:188 Resp: 409400

Ion Ratio Lower Upper

188 100

94 12.6 5.4 8.0#

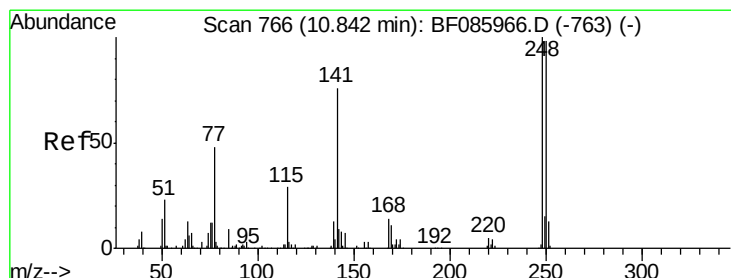
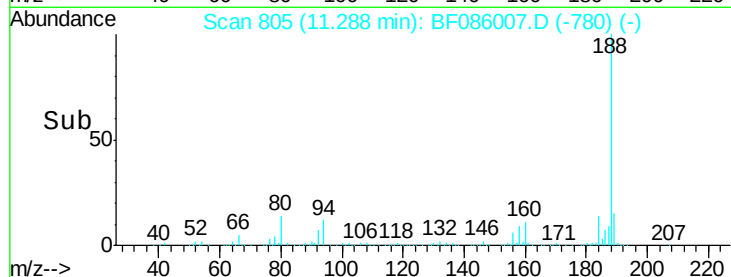
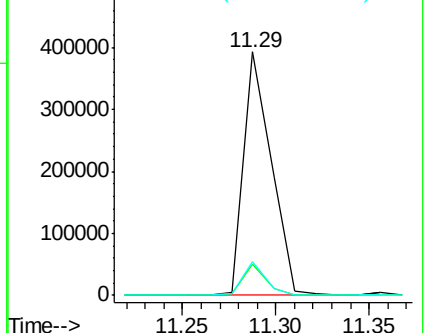
80 13.9 5.5 8.3#



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: 4.50 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.24 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

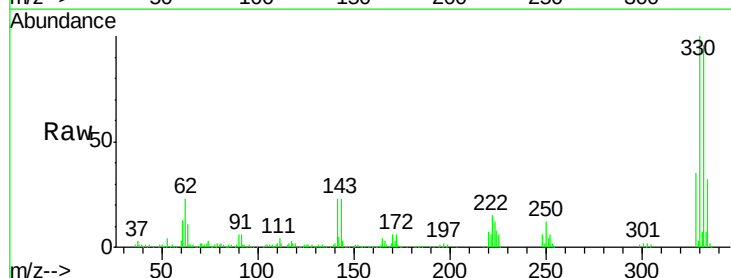
Tgt Ion:248 Resp: 18821

Ion Ratio Lower Upper

248 100

250 199.8 77.4 116.0#

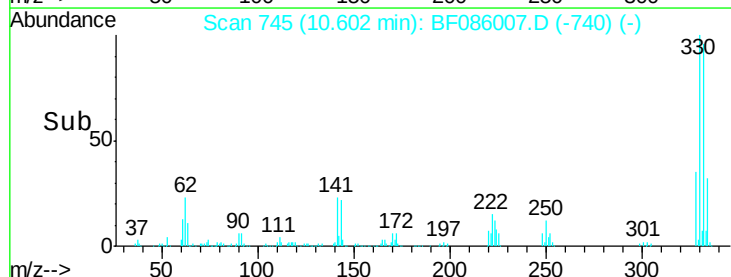
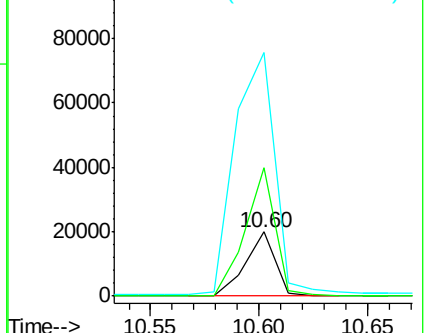
141 379.7 63.6 95.4#

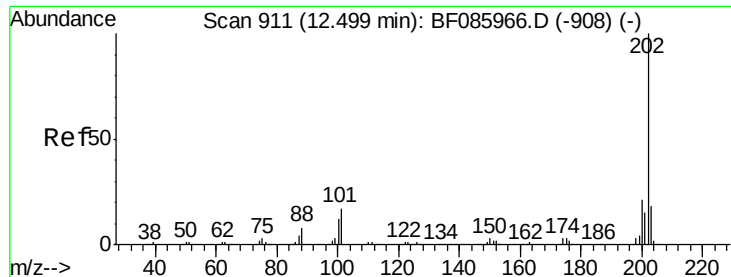


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#74

Fluoranthene

Concen: 2.20 ng

RT: 12.51 min Scan# 912

Delta R.T. 0.01 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

Instrument :

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BH-9(5-7)

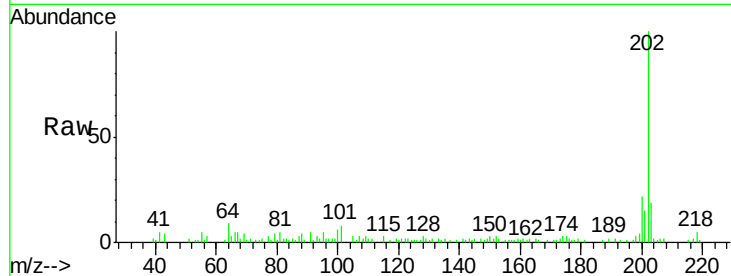
Tgt Ion:202 Resp: 51138

Ion Ratio Lower Upper

202 100

101 8.4 0.0 36.6

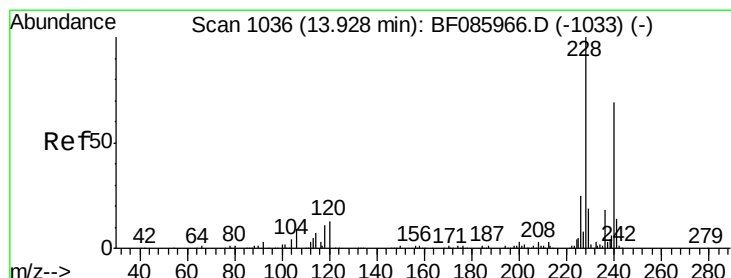
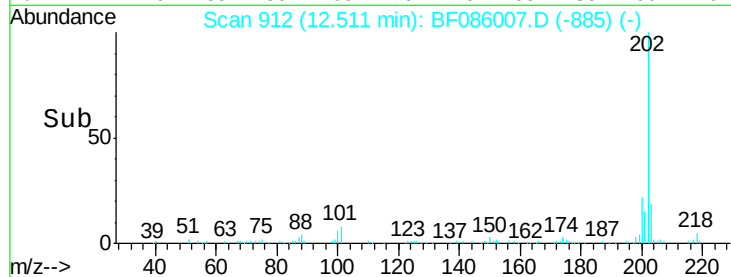
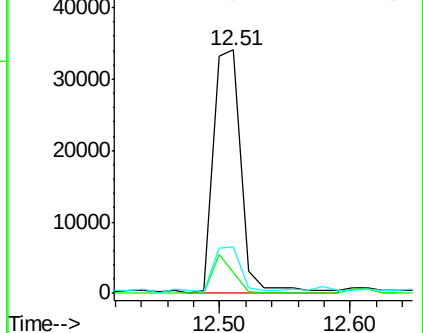
203 19.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

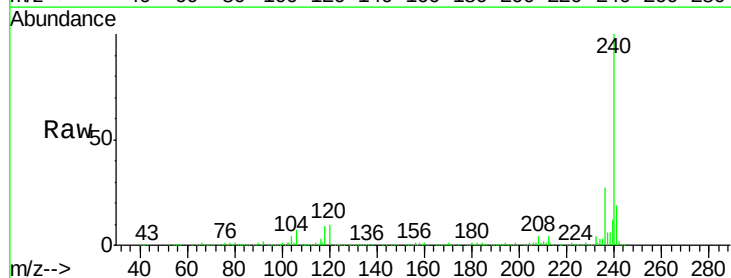
Tgt Ion:240 Resp: 369210

Ion Ratio Lower Upper

240 100

120 9.9 13.8 20.8#

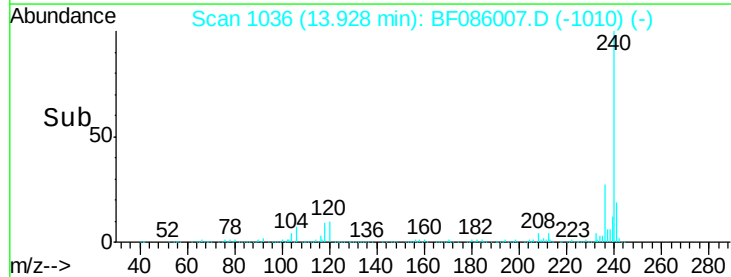
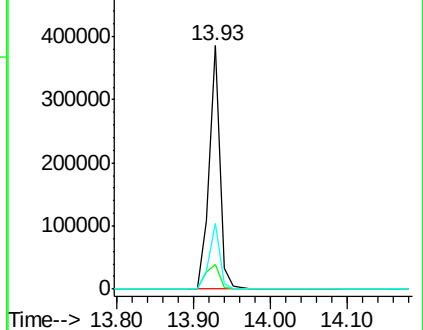
236 26.7 20.6 30.8

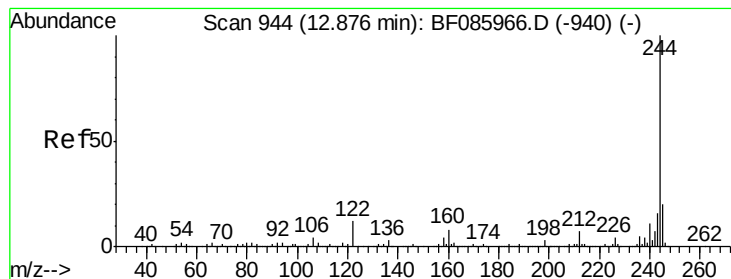


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.37 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.00 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

Instrument :

BNA_F

ClientSampleId :

BH-9(5-7)

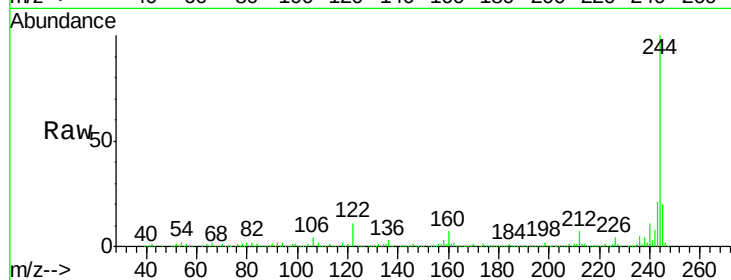
Tgt Ion:244 Resp: 963985

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

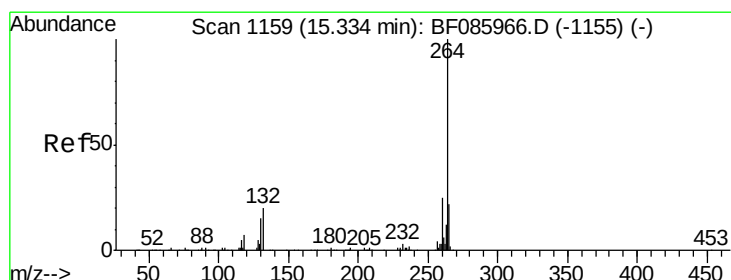
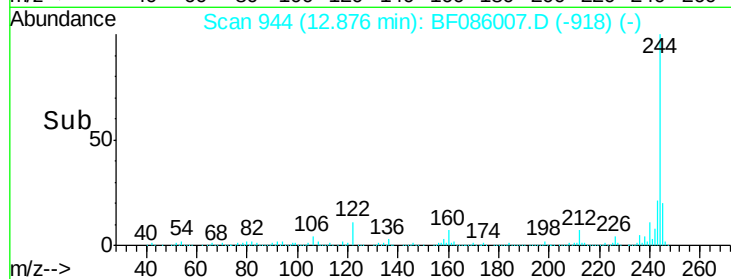
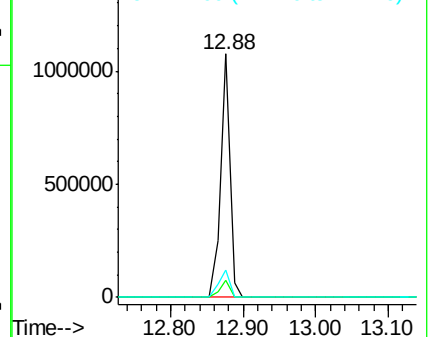
122 11.2 10.2 15.4



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: 15.33 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BF086007.D

Acq: 2 Apr 2016 13:05

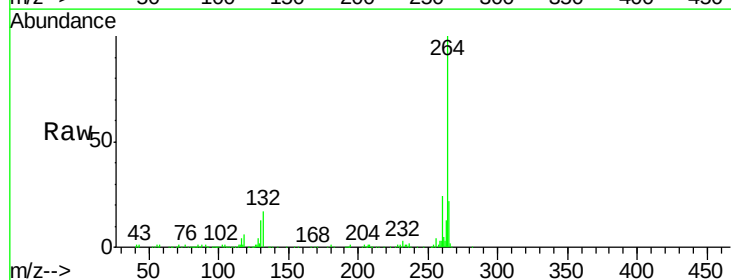
Tgt Ion:264 Resp: 294179

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.5 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

