

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089189.D
 Acq On : 22 Jul 2016 11:11
 Operator : UM/SJ
 Sample : H4074-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Jul 25 00:48:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

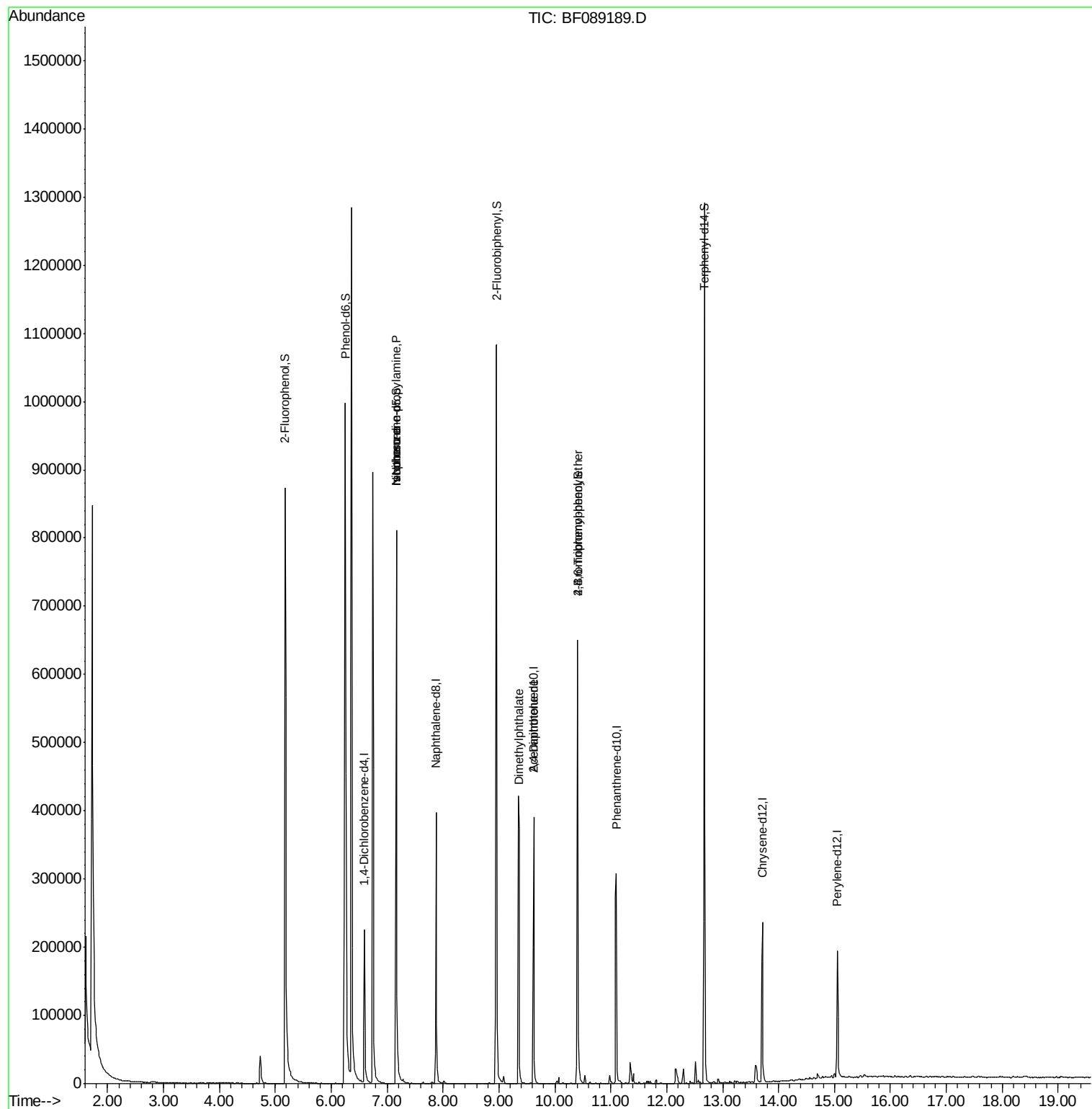
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	47246	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	203492	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	95990	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	180295	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	106199	20.00	ng	-0.01
86) Perylene-d12	15.05	264	81308	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	387339	124.69	ng	-0.01
7) Phenol-d6	6.25	99	520155	129.84	ng	-0.02
23) Nitrobenzene-d5	7.16	82	357489	93.34	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	109646	126.87	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	582688	83.64	ng	-0.01
78) Terphenyl-d14	12.67	244	430007	87.82	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	408	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	47371	18.08	ng	# 80
25) Isophorone	7.16	82	263431	37.32	ng	# 66
49) Dimethylphthalate	9.36	163	277321	37.65	ng	100
56) 2,4-Dinitrotoluene	9.62	165	11625	5.43	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	8015	4.49	ng	# 1

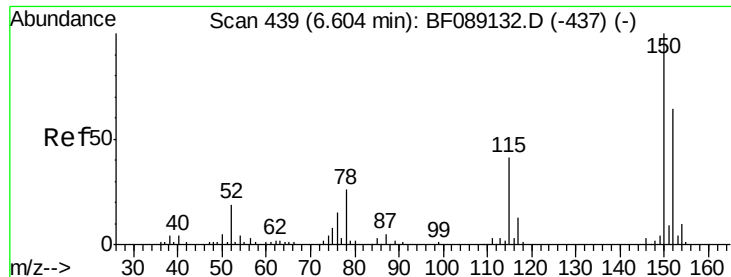
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

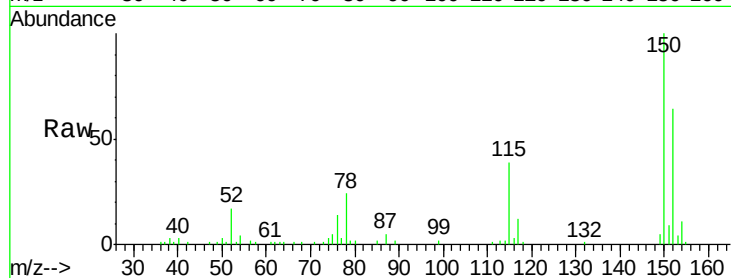
Tgt Ion:152 Resp: 47246

Ion Ratio Lower Upper

152 100

150 155.4 125.1 187.7

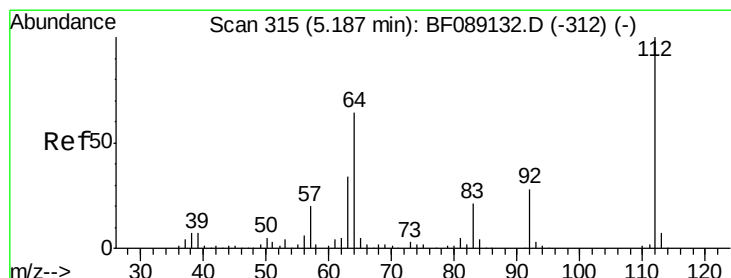
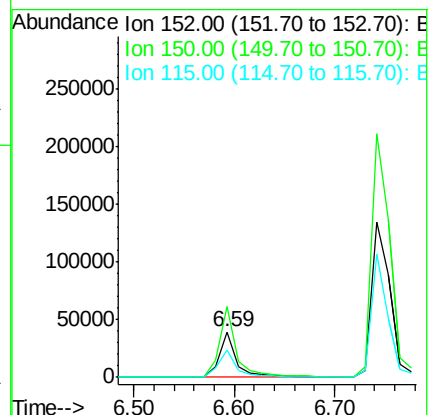
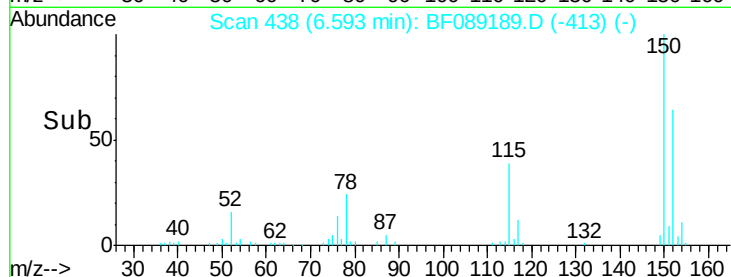
115 60.7 51.1 76.7



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: 124.69 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

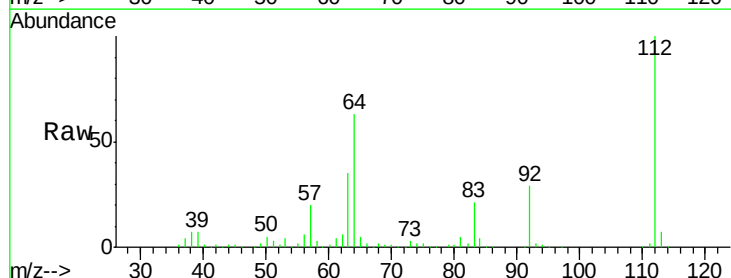
Tgt Ion:112 Resp: 387339

Ion Ratio Lower Upper

112 100

64 63.1 51.0 76.4

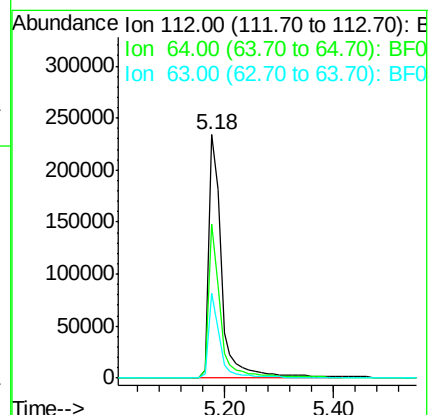
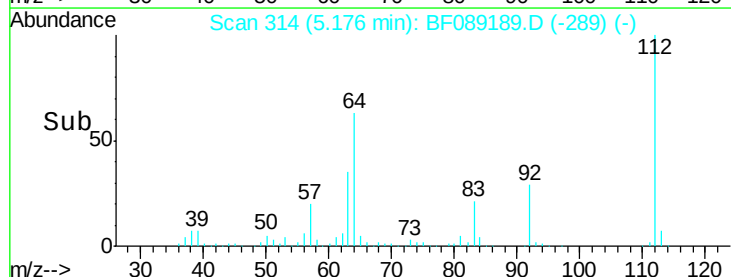
63 35.0 27.3 40.9

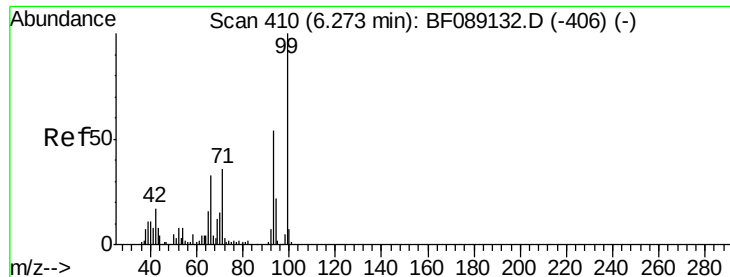


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.84 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

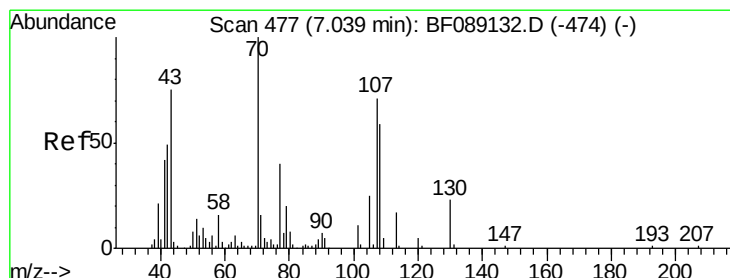
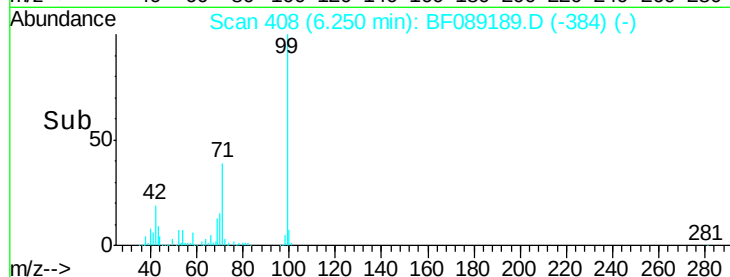
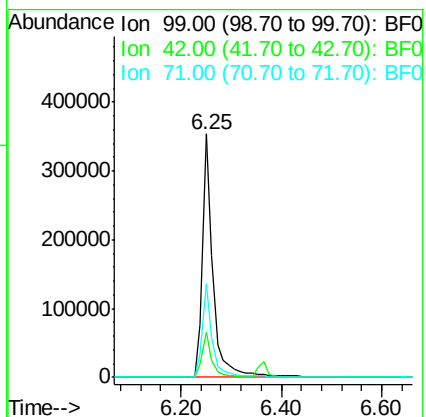
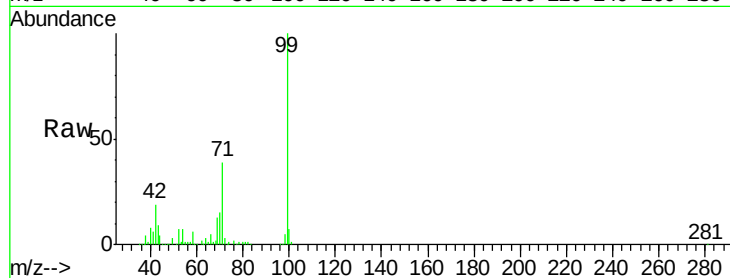
Tgt Ion: 99 Resp: 520155

Ion Ratio Lower Upper

99 100

42 18.7 13.5 20.3

71 38.6 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.08 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

Tgt Ion: 70 Resp: 47371

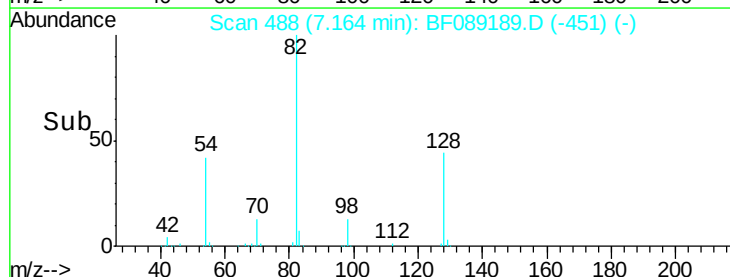
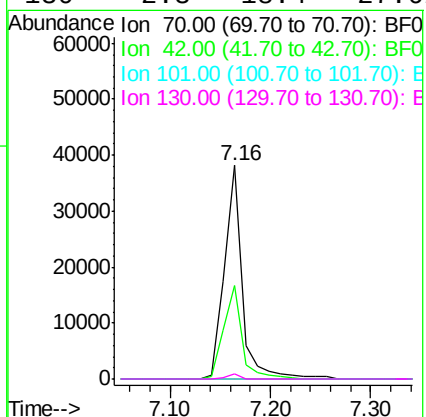
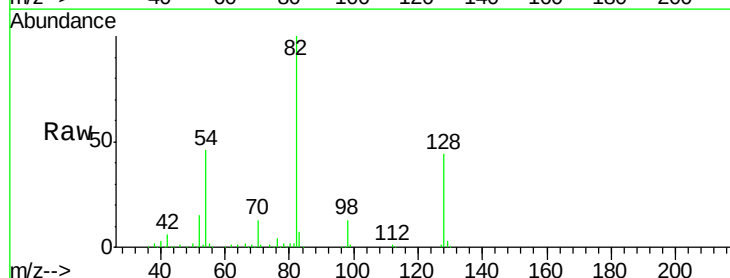
Ion Ratio Lower Upper

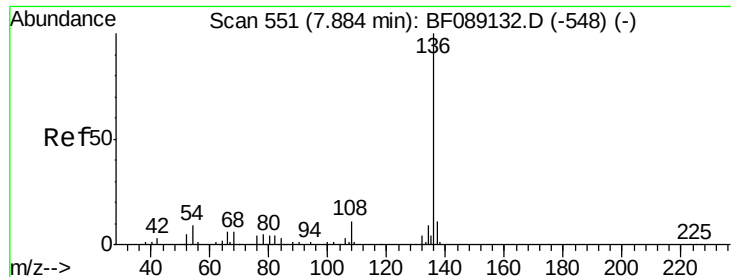
70 100

42 43.9 39.2 58.8

101 0.0 8.5 12.7#

130 2.3 18.4 27.6#

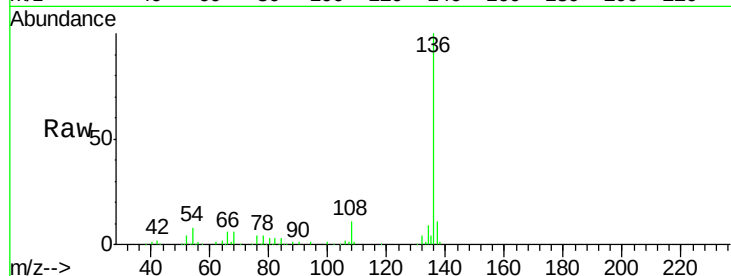




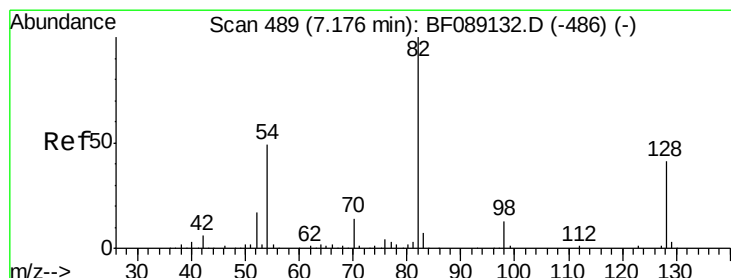
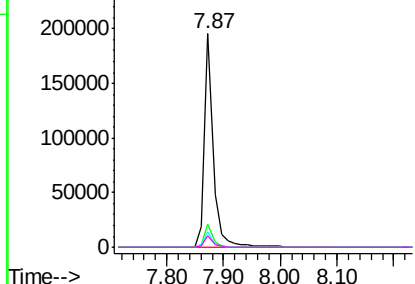
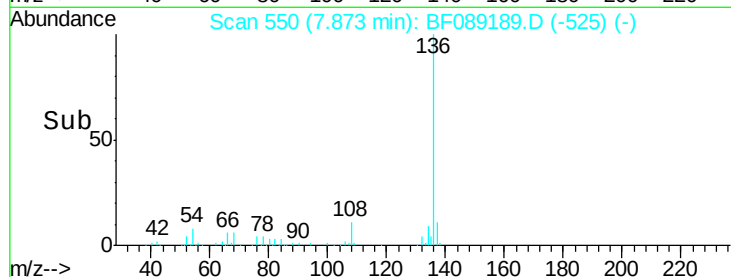
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:	136	Resp:	203492
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	7.5	7.0	10.4
68	5.7	5.0	7.6

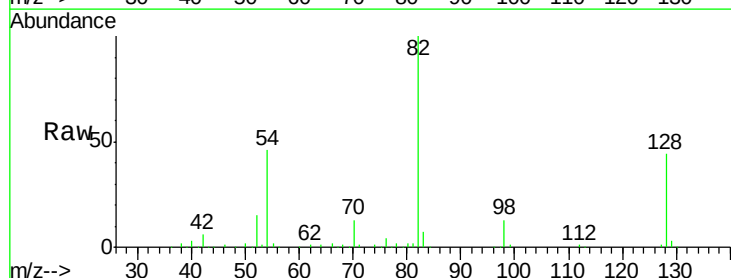


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

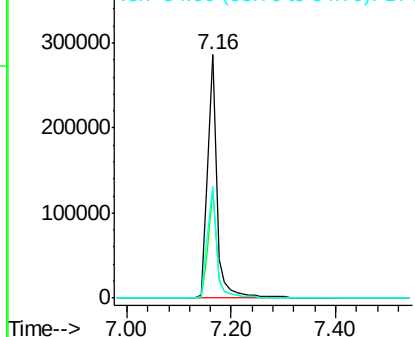
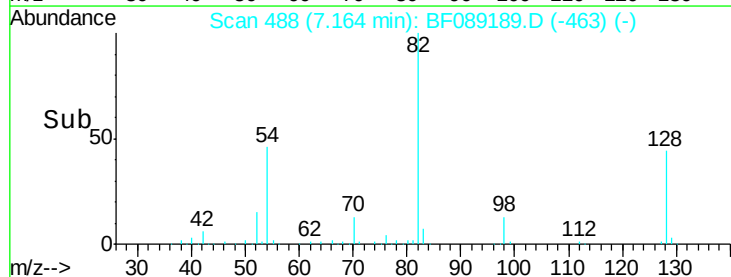


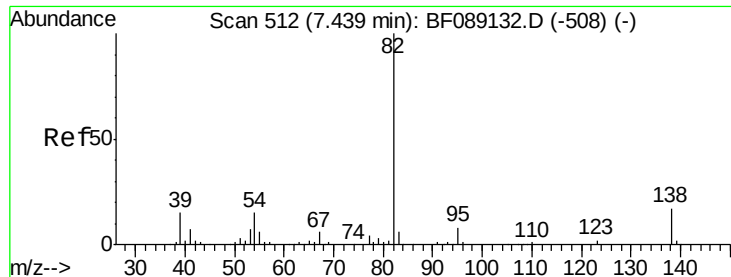
#23
Nitrobenzene-d5
Concen: 93.34 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Tgt Ion:	82	Resp:	357489
Ion	Ratio	Lower	Upper
82	100		
128	44.5	33.0	49.6
54	46.0	39.0	58.4



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: 37.32 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

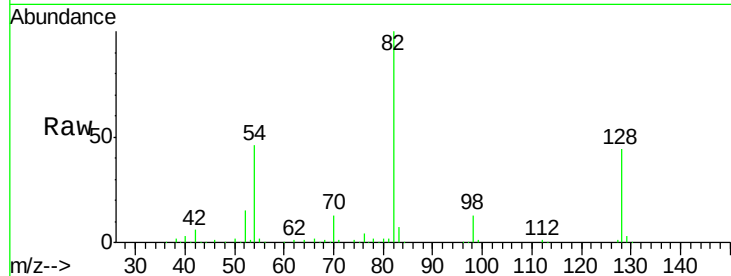
Tgt Ion: 82 Resp: 263431

Ion Ratio Lower Upper

82 100

95 0.0 6.1 9.1#

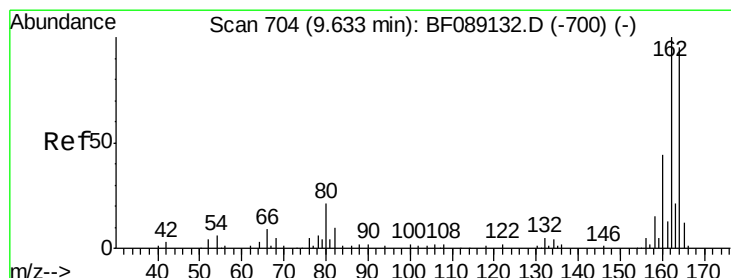
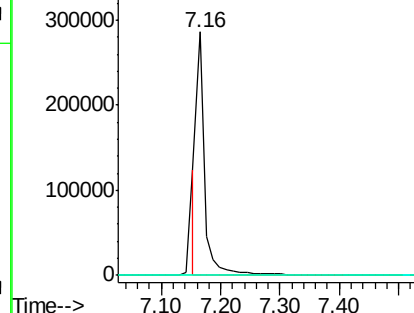
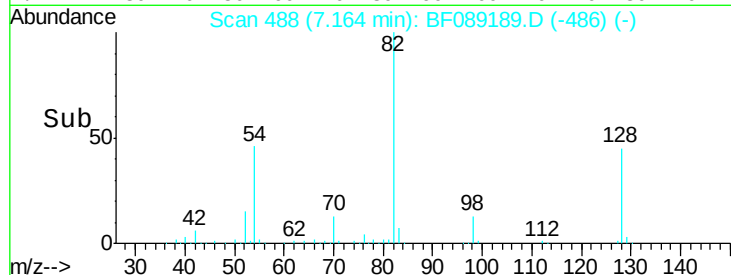
138 0.0 13.6 20.4#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

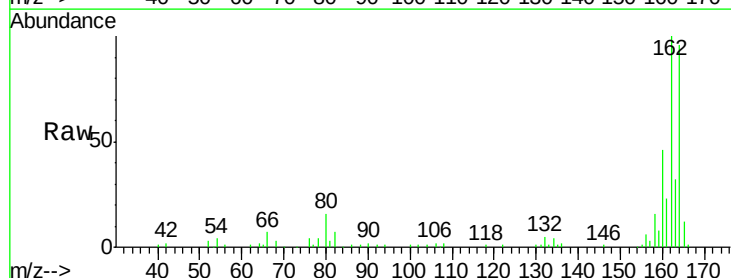
Tgt Ion: 164 Resp: 95990

Ion Ratio Lower Upper

164 100

162 104.2 84.1 126.1

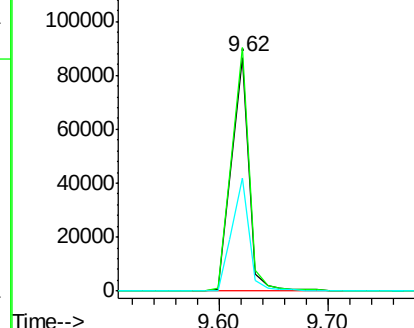
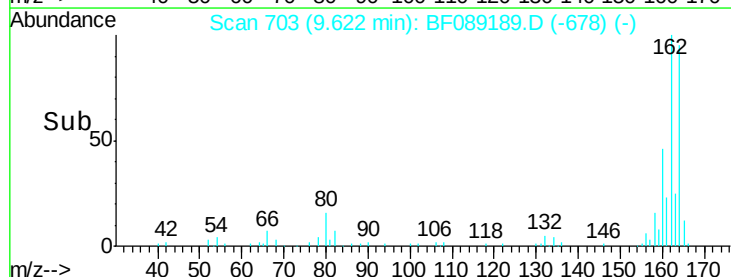
160 48.4 37.1 55.7

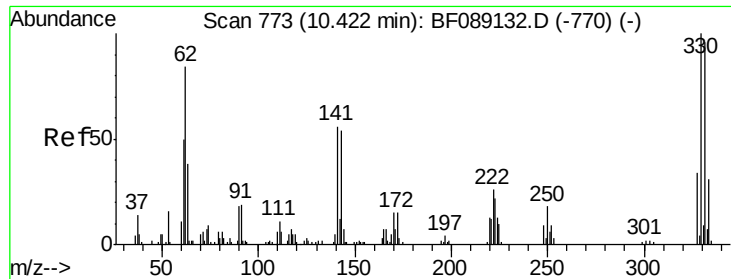


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

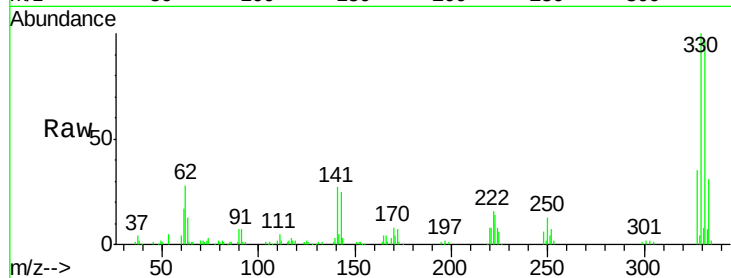




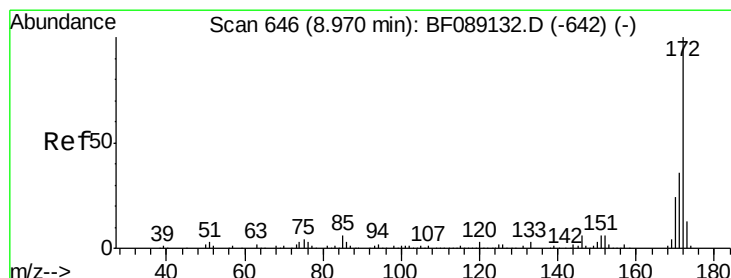
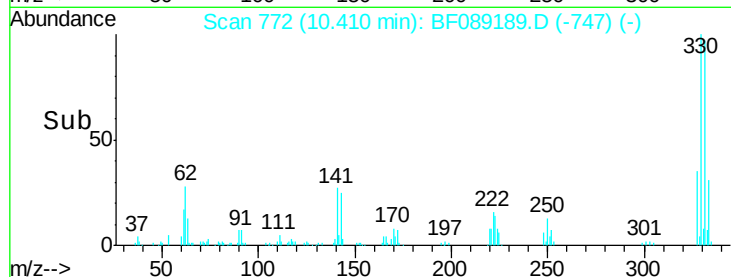
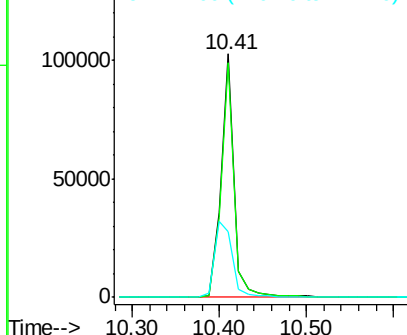
#41
 2,4,6-Tribromophenol
 Concen: 126.87 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089189.D
 Acq: 22 Jul 2016 11:11

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tgt Ion:330 Resp: 109646
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.2 115.8
 141 42.6 42.2 63.2

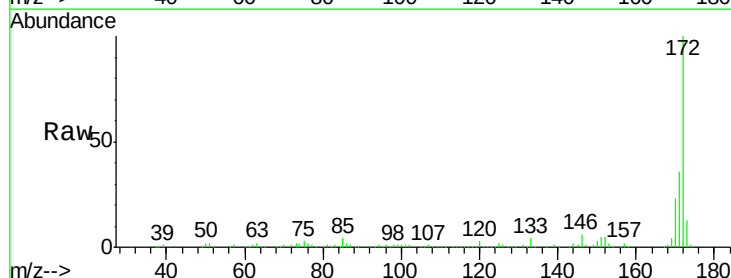


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

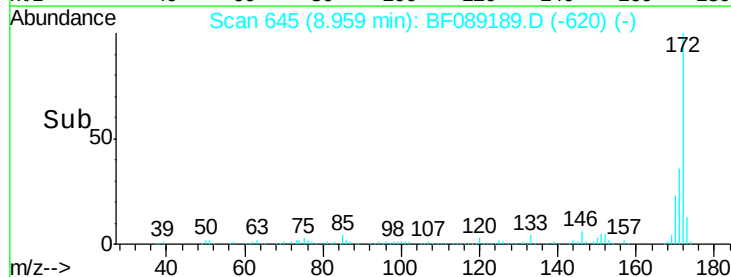
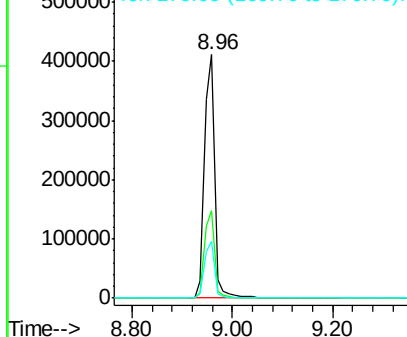


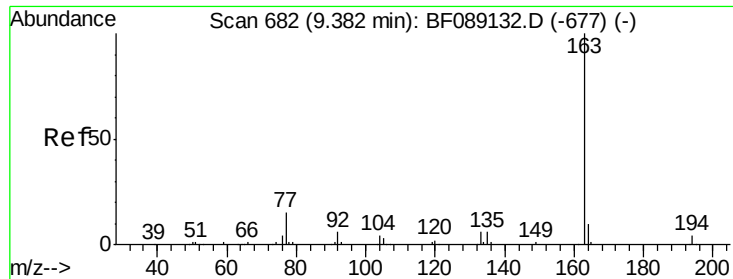
#44
 2-Fluorobiphenyl
 Concen: 83.64 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF089189.D
 Acq: 22 Jul 2016 11:11

Tgt Ion:172 Resp: 582688
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.2 19.1 28.7



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

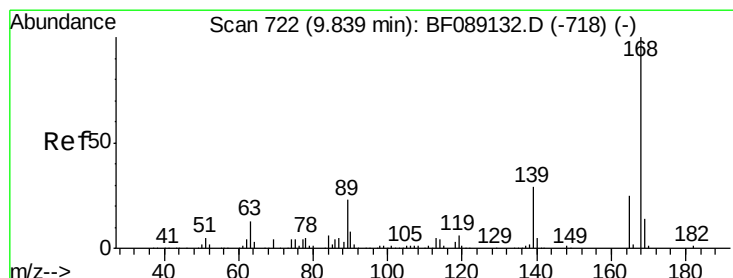
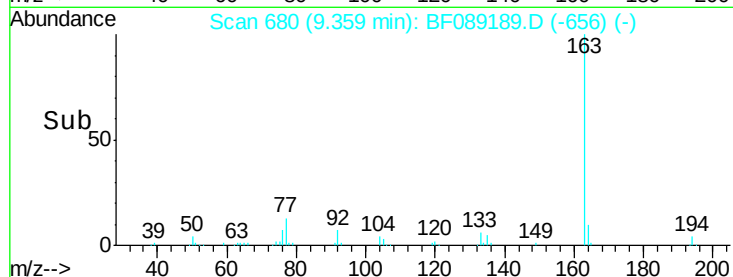
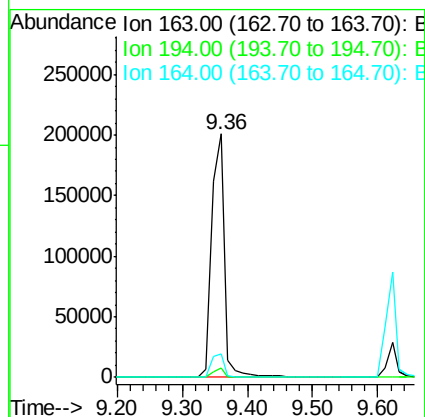
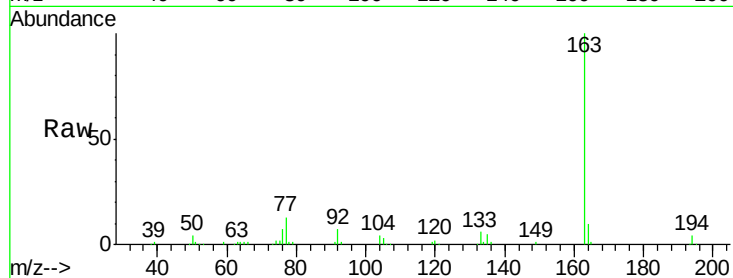




#49
Dimethylphthalate
Concen: 37.65 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

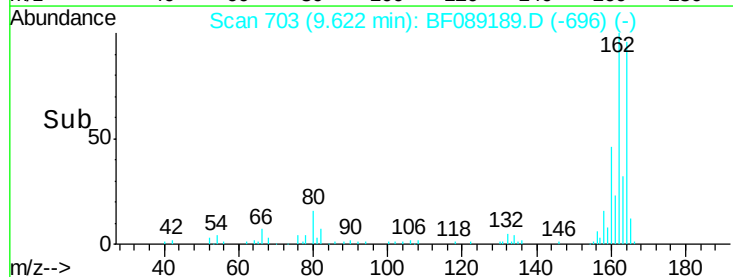
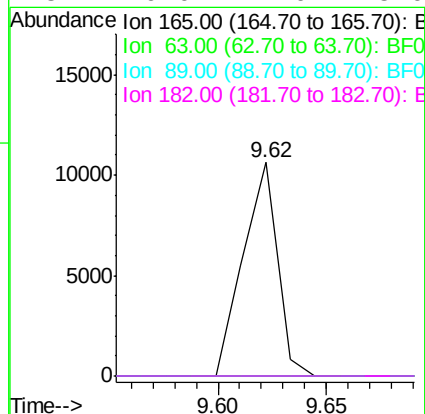
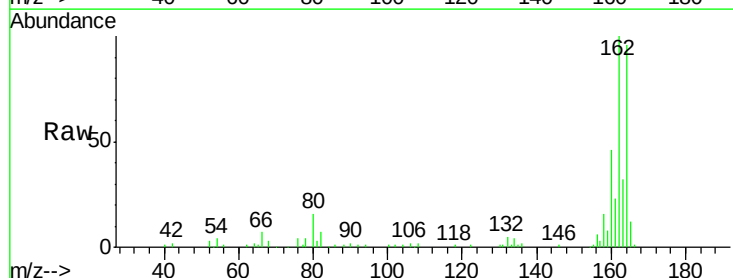
Instrument :
BNA_F
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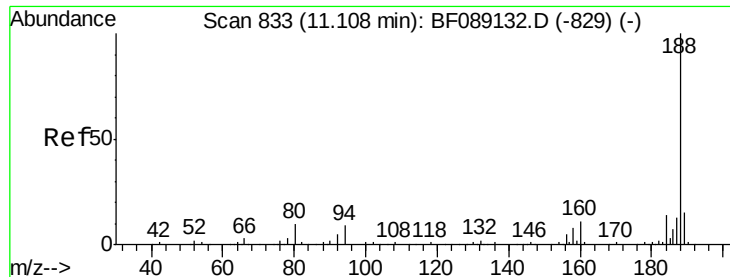
Tgt Ion:163 Resp: 277321
Ion Ratio Lower Upper
163 100
194 3.8 2.9 4.3
164 9.6 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.43 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Tgt Ion:165 Resp: 11625
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.2#
89 0.0 74.3 111.5#
182 0.0 2.0 3.0#

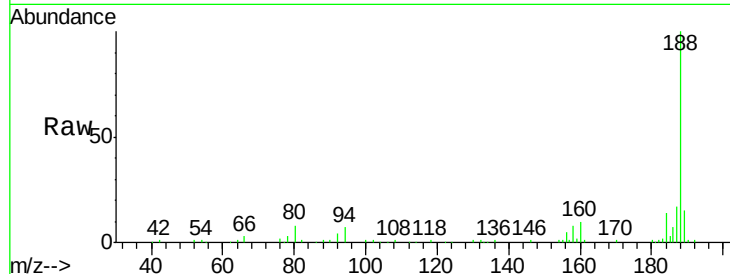




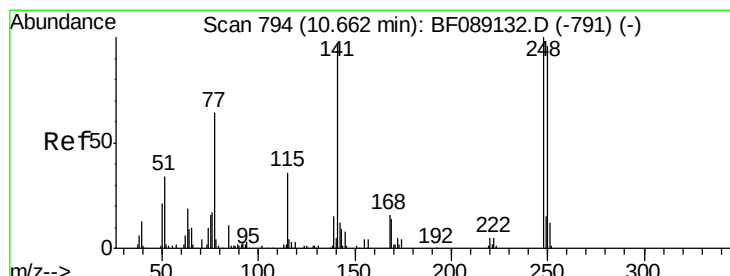
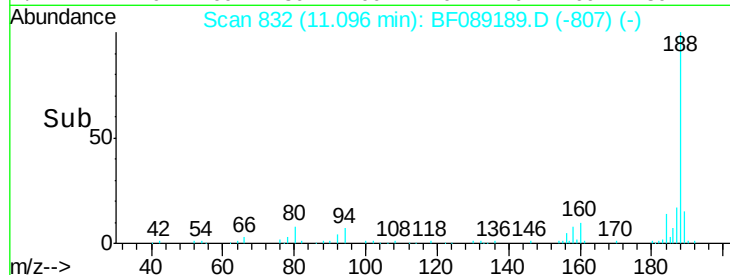
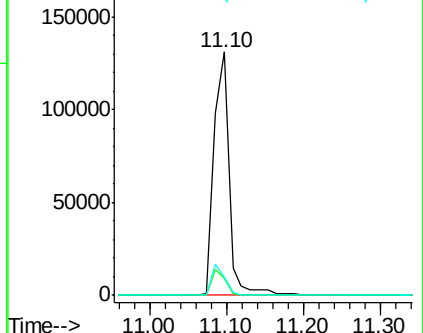
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion:188 Resp: 180295
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.4#
80 7.6 7.7 11.5#

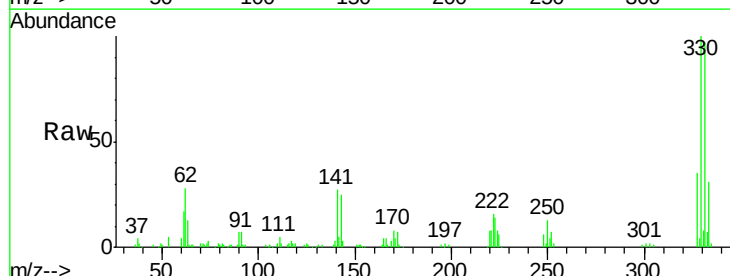


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

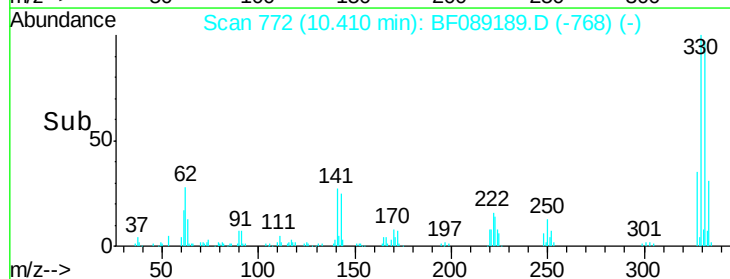
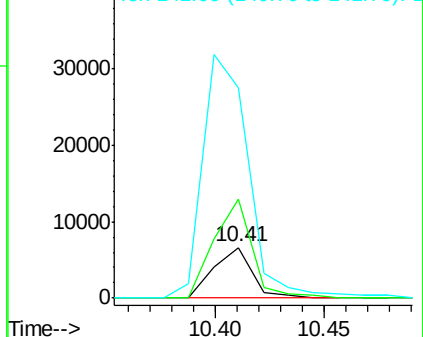


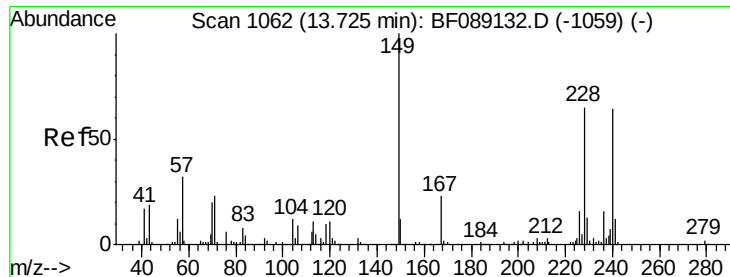
#66
4-Bromophenyl-phenylether
Concen: 4.49 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.25 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Tgt Ion:248 Resp: 8015
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 418.4 77.4 116.2#



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: 13.71 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

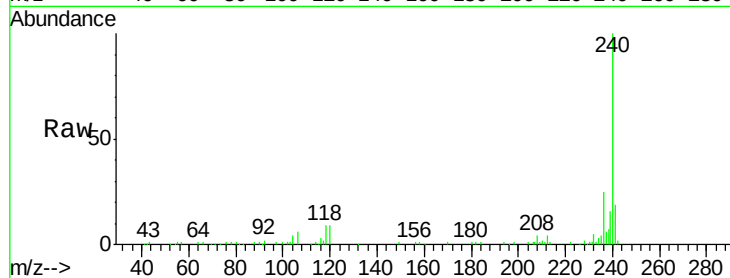
Tgt Ion:240 Resp: 106199

Ion Ratio Lower Upper

240 100

120 8.8 13.6 20.4#

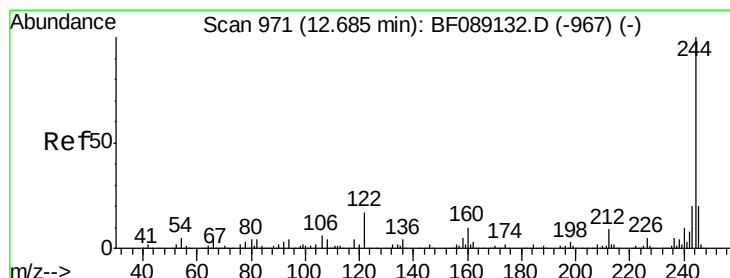
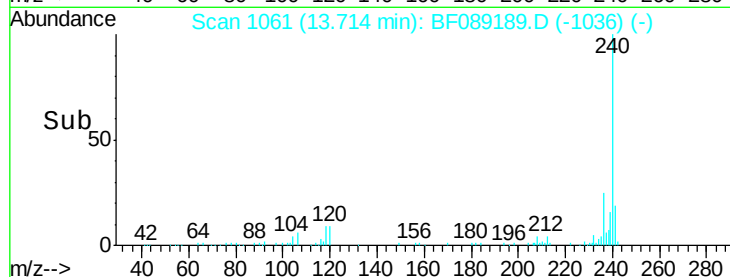
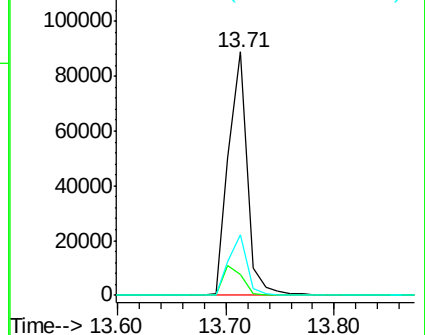
236 25.0 20.5 30.7



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: 87.82 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089189.D

Acq: 22 Jul 2016 11:11

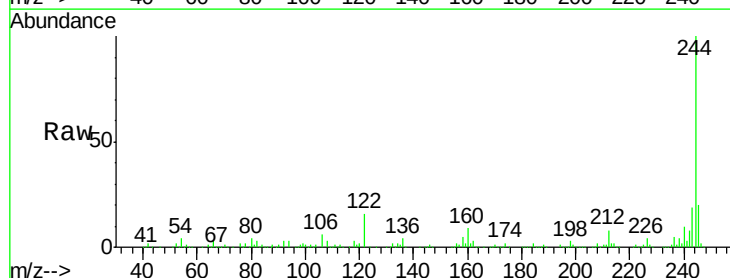
Tgt Ion:244 Resp: 430007

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

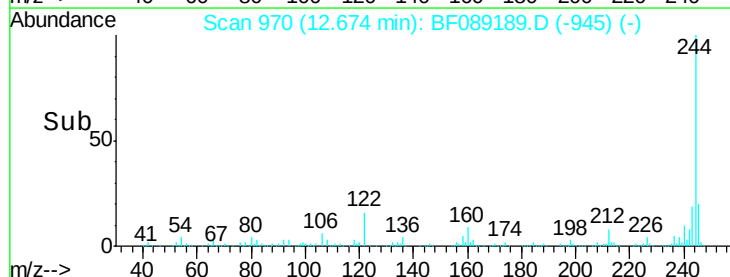
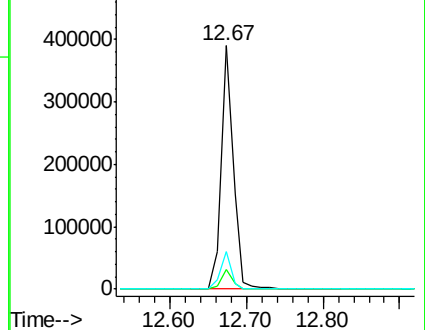
122 15.7 13.8 20.8

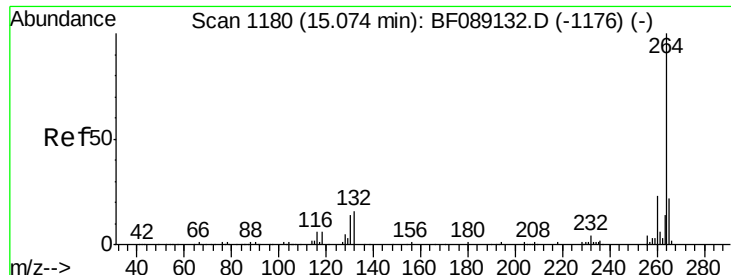


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

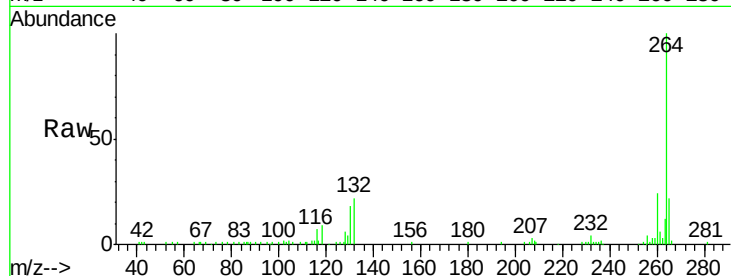




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089189.D
Acq: 22 Jul 2016 11:11

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tgt Ion: 264 Resp: 81308
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.9 17.3 25.9



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

