

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089192.D
 Acq On : 22 Jul 2016 12:41
 Operator : UM/SJ
 Sample : H4074-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jul 25 00:49:38 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

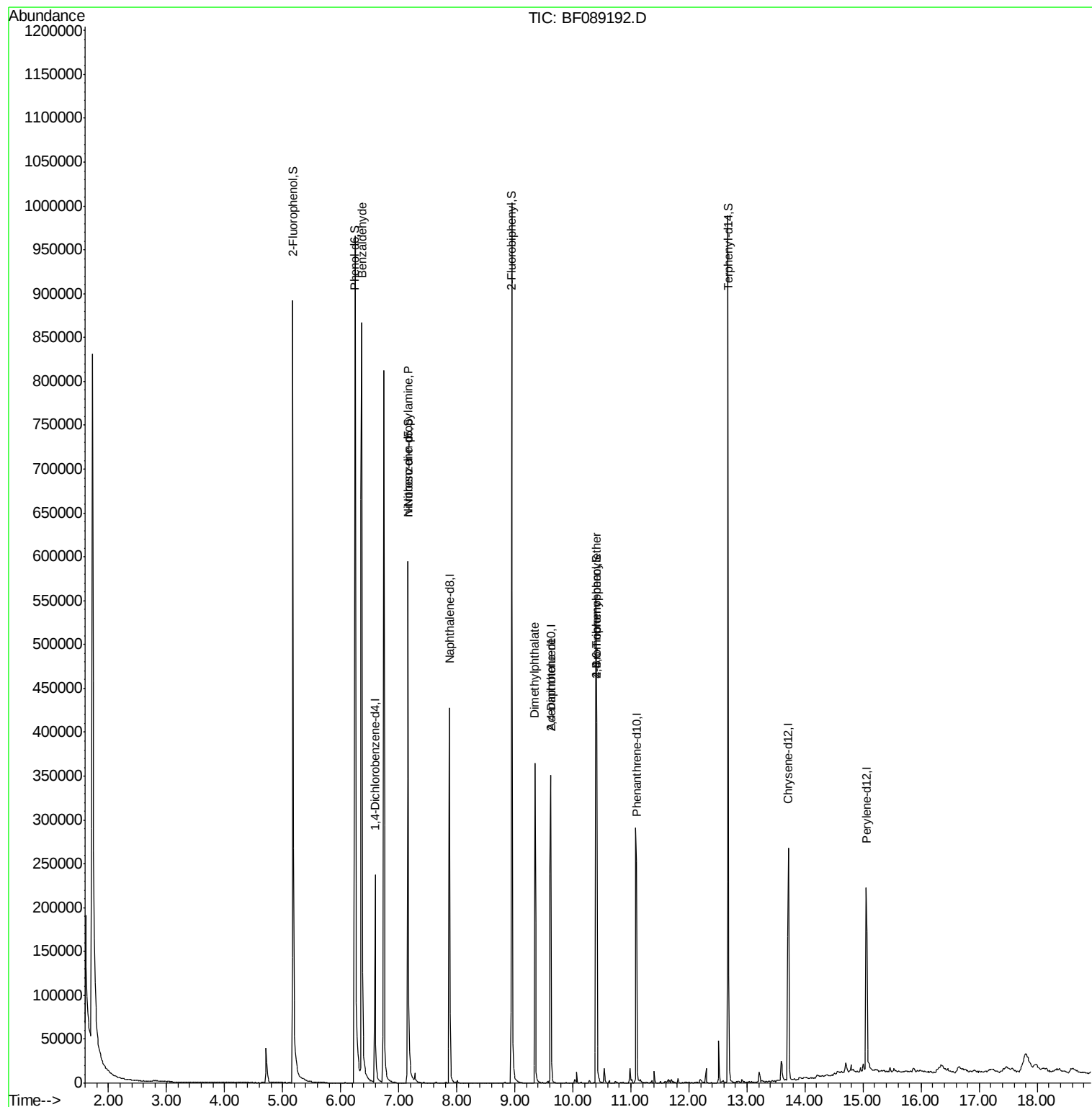
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	47775	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	206931	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	93415	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	167017	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	109748	20.00	ng	-0.01
86) Perylene-d12	15.05	264	101663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	323794	103.08	ng	-0.01
7) Phenol-d6	6.25	99	453865	112.04	ng	-0.02
23) Nitrobenzene-d5	7.16	82	286744	73.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	84094	99.99	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	413772	61.03	ng	-0.02
78) Terphenyl-d14	12.67	244	299193	59.13	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	8308	2.85	ng	86
19) n-Nitroso-di-n-propylamine	7.16	70	37608	14.19	ng	# 78
49) Dimethylphthalate	9.35	163	188341	26.27	ng	98
56) 2,4-Dinitrotoluene	9.62	165	11390	5.46	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	6020	3.64	ng	# 1

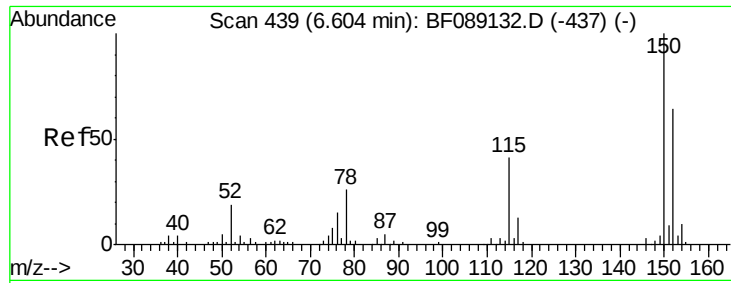
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF089192.D

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Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

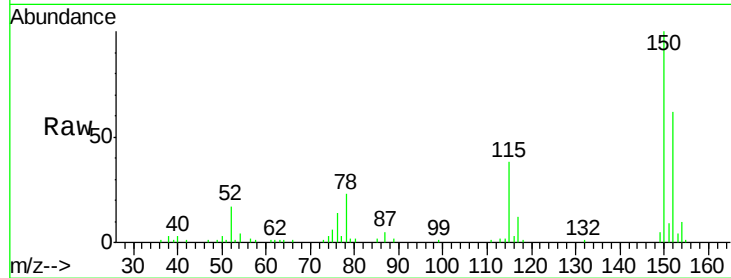
Tgt Ion:152 Resp: 47775

Ion Ratio Lower Upper

152 100

150 161.0 125.1 187.7

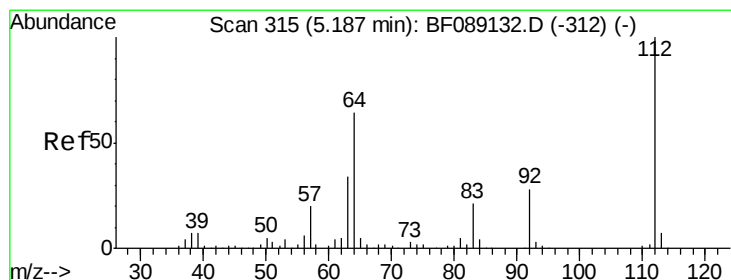
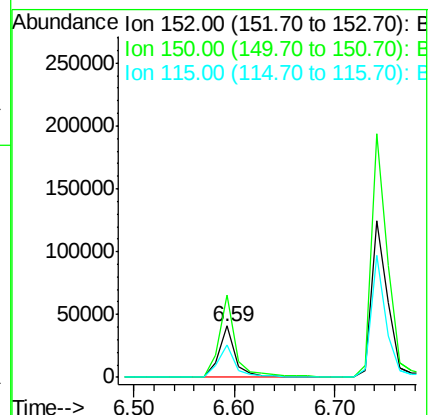
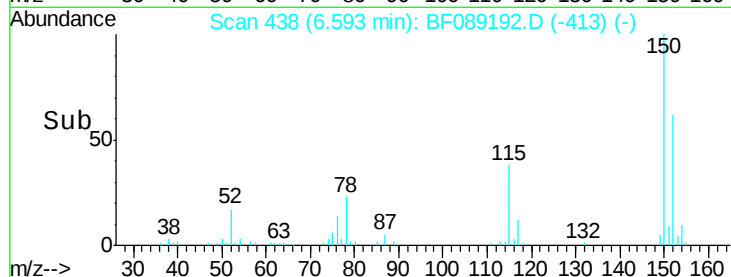
115 62.0 51.1 76.7



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: 103.08 ng

RT: 5.18 min Scan# 314

Delta R.T. -0.01 min

Lab File: BF089192.D

Acq: 22 Jul 2016 12:41

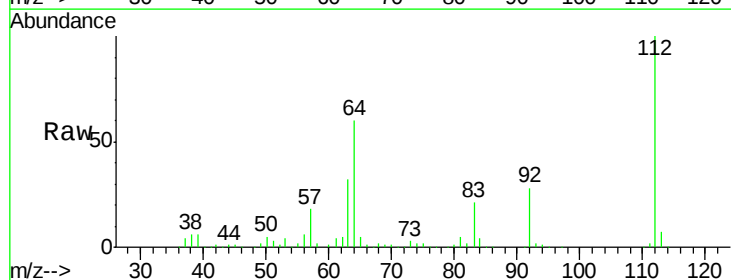
Tgt Ion:112 Resp: 323794

Ion Ratio Lower Upper

112 100

64 59.8 51.0 76.4

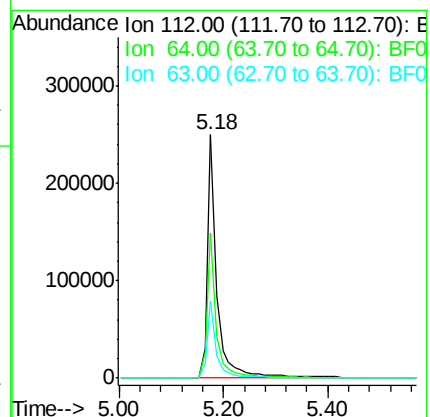
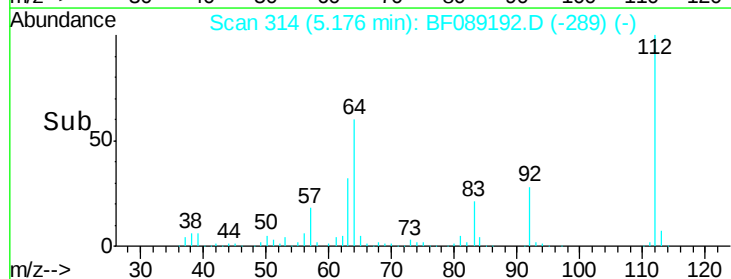
63 32.0 27.3 40.9

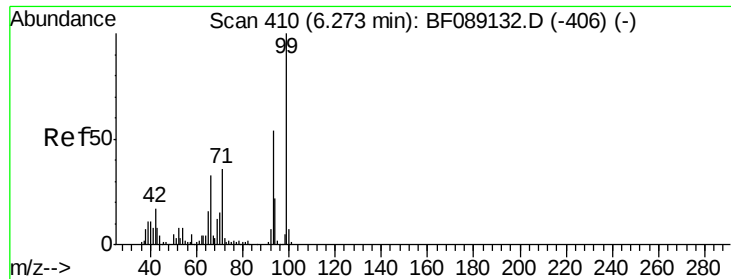


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.04 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089192.D

Acq: 22 Jul 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

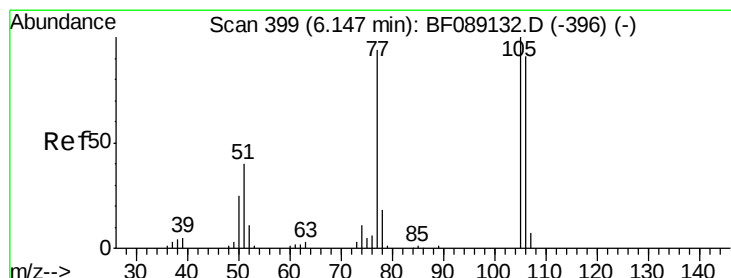
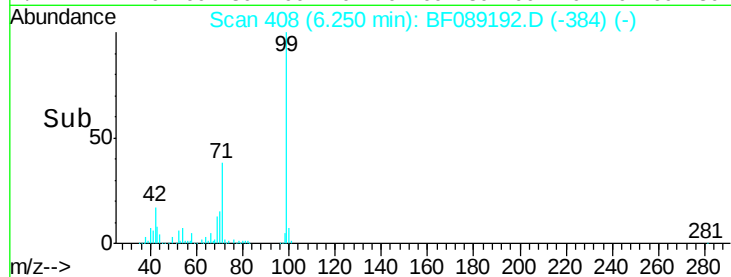
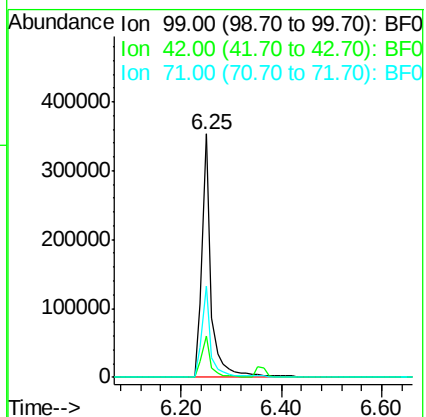
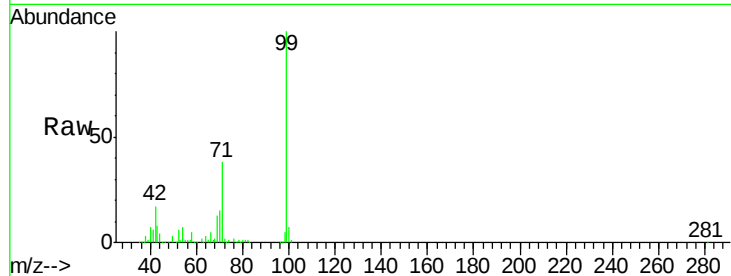
Tgt Ion: 99 Resp: 453865

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 37.6 28.9 43.3



#9

Benzaldehyde

Concen: 2.85 ng

RT: 6.36 min Scan# 418

Delta R.T. 0.22 min

Lab File: BF089192.D

Acq: 22 Jul 2016 12:41

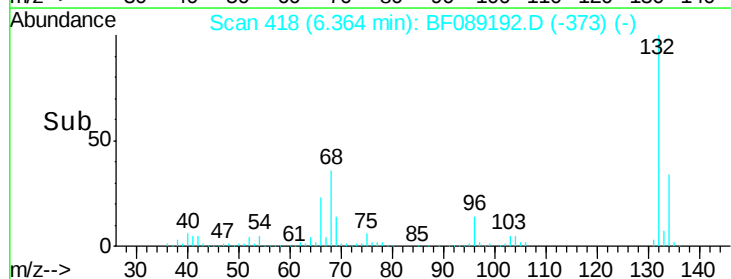
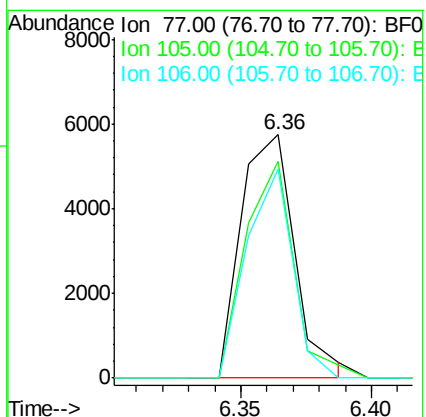
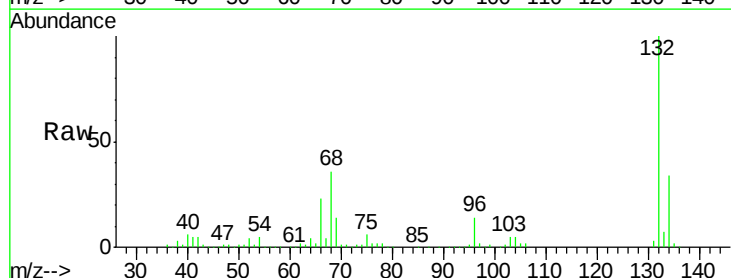
Tgt Ion: 77 Resp: 8308

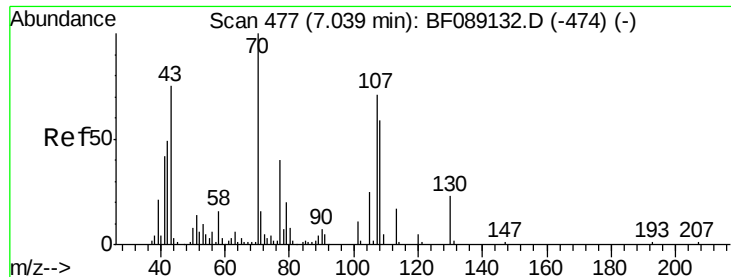
Ion Ratio Lower Upper

77 100

105 89.1 86.2 126.2

106 85.8 76.3 116.3

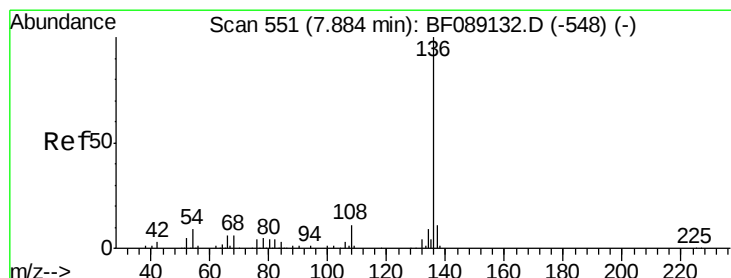
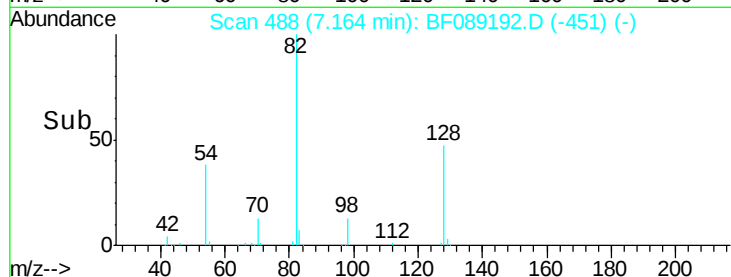
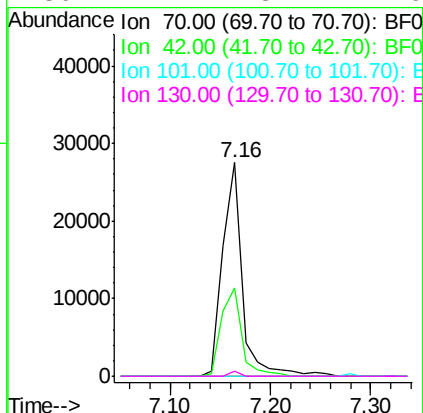
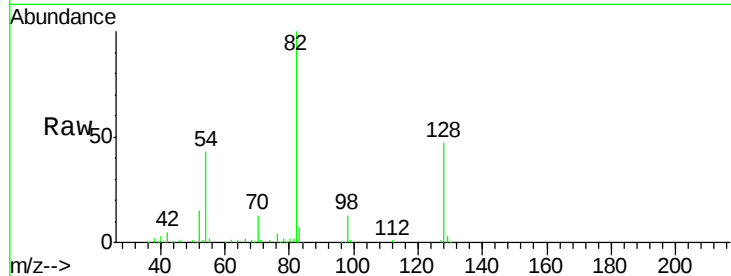




#19
n-Nitroso-di-n-propylamine
Concen: 14.19 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF089192.D
Acq: 22 Jul 2016 12:41

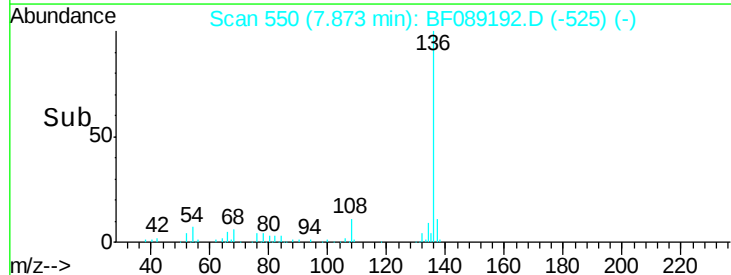
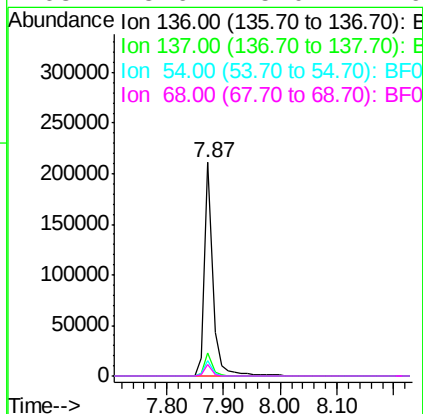
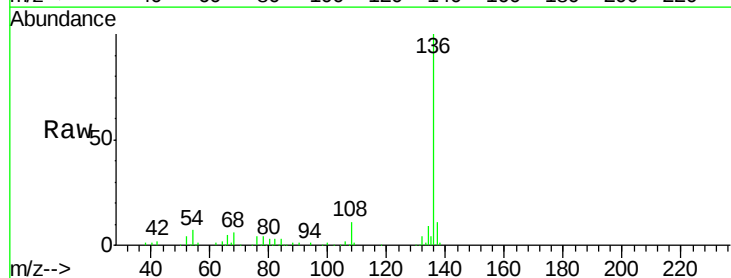
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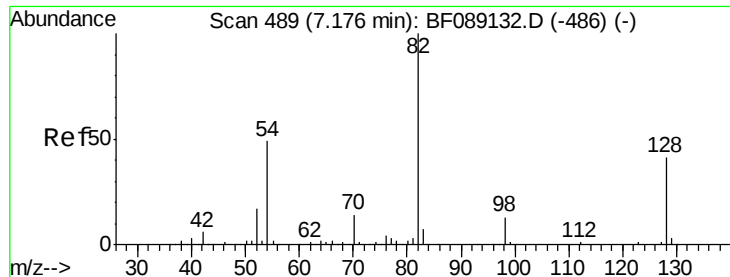
Tgt Ion: 70 Resp: 37608
Ion Ratio Lower Upper
70 100
42 41.2 39.2 58.8
101 0.0 8.5 12.7#
130 2.4 18.4 27.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089192.D
Acq: 22 Jul 2016 12:41

Tgt Ion:136 Resp: 206931
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.2 7.0 10.4
68 5.6 5.0 7.6

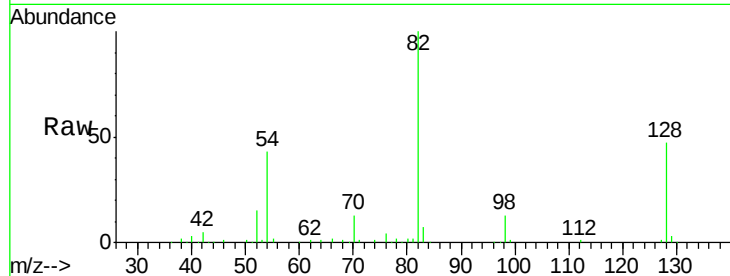




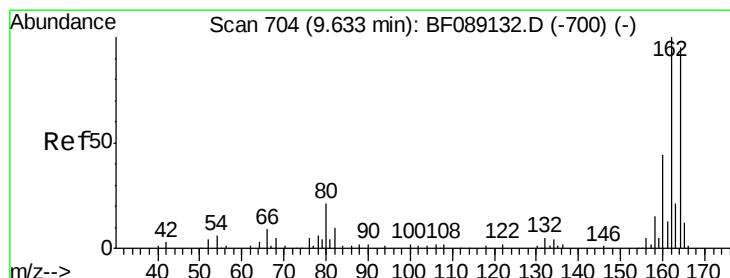
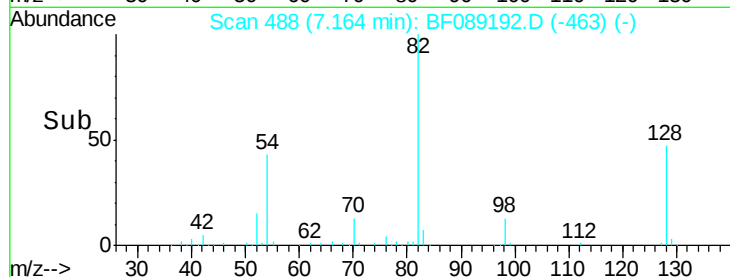
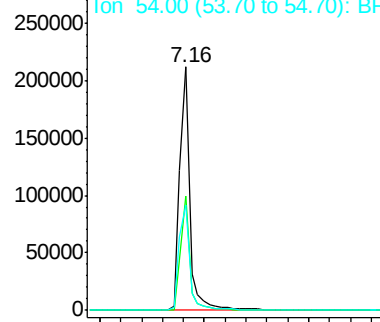
#23
 Nitrobenzene-d5
 Concen: 73.63 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion: 82 Resp: 286744
 Ion Ratio Lower Upper
 82 100
 128 47.2 33.0 49.6
 54 43.5 39.0 58.4

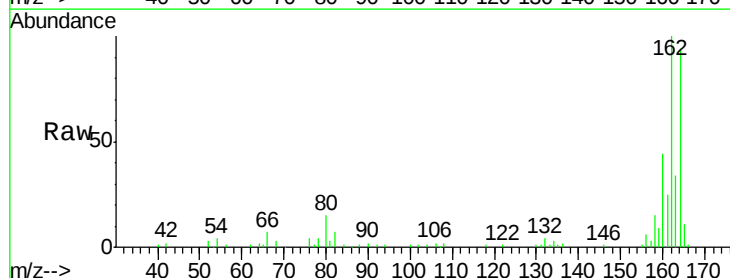


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

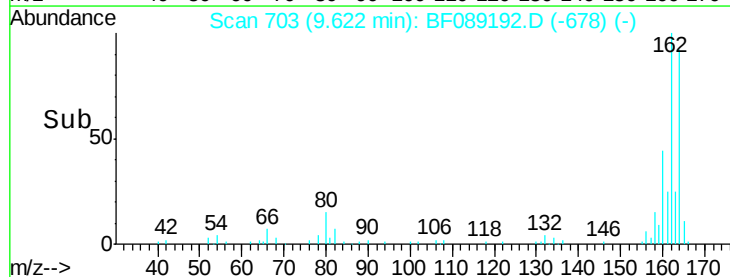
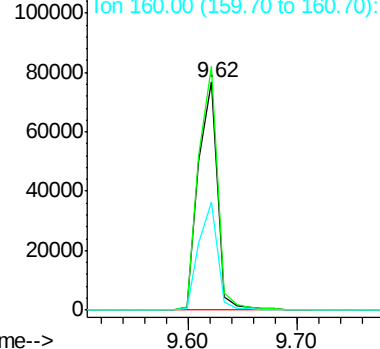


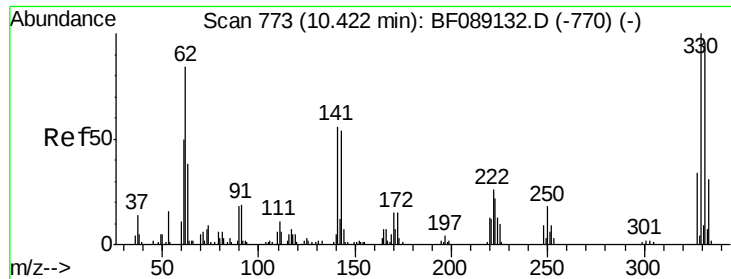
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Tgt Ion: 164 Resp: 93415
 Ion Ratio Lower Upper
 164 100
 162 106.9 84.1 126.1
 160 47.5 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

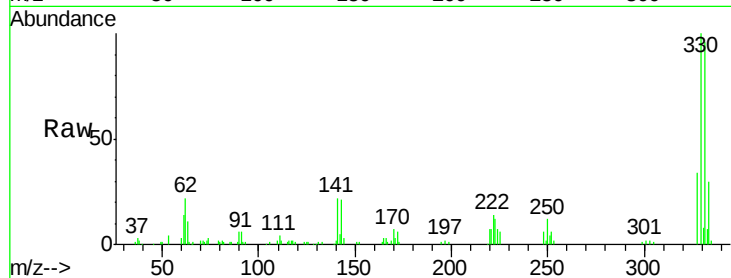




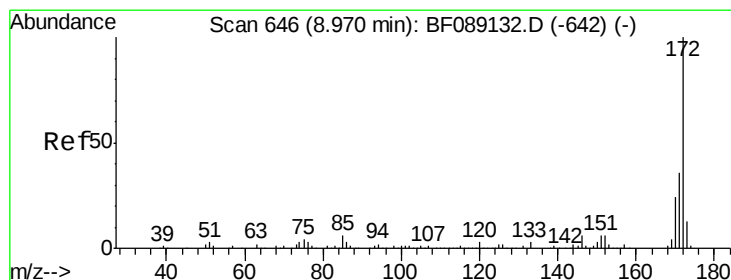
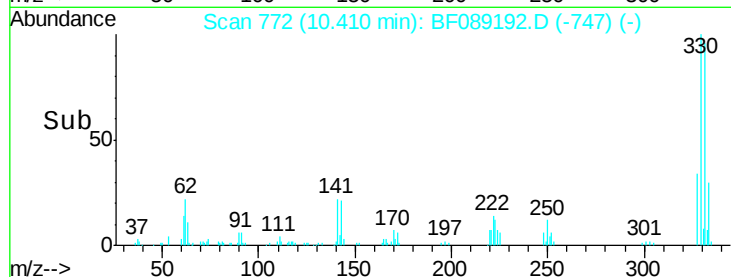
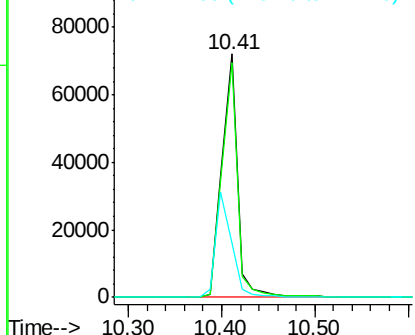
#41
 2,4,6-Tribromophenol
 Concen: 99.99 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:330 Resp: 84094
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.2 115.8
 141 43.7 42.2 63.2

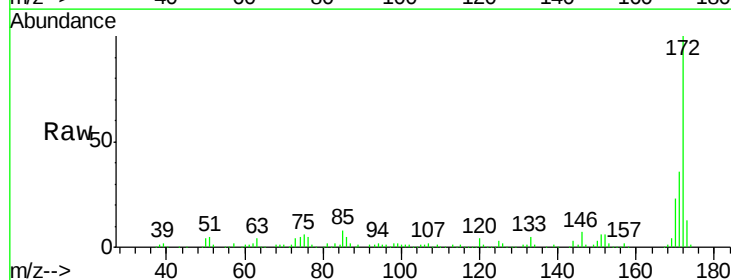


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

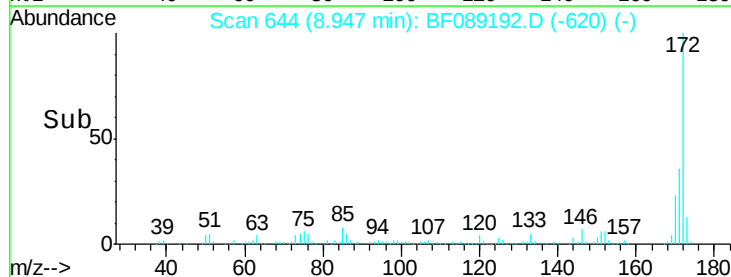
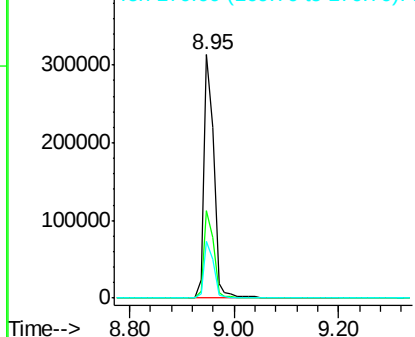


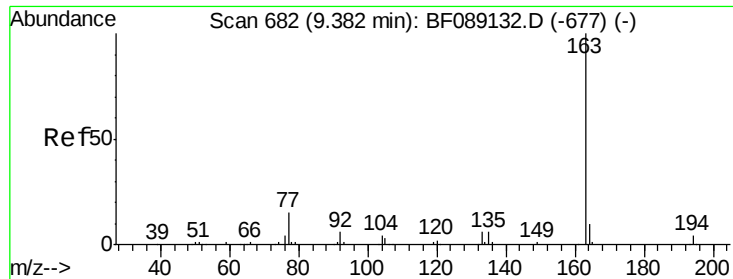
#44
 2-Fluorobiphenyl
 Concen: 61.03 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Tgt Ion:172 Resp: 413772
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.2 43.8
 170 23.5 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

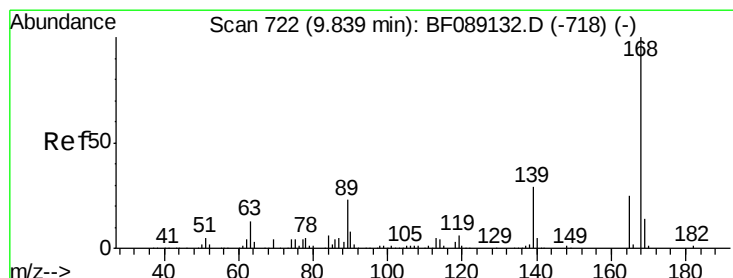
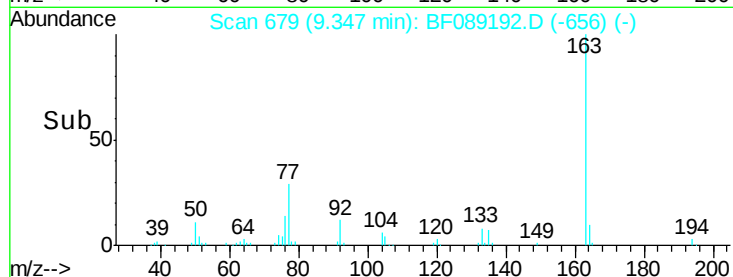
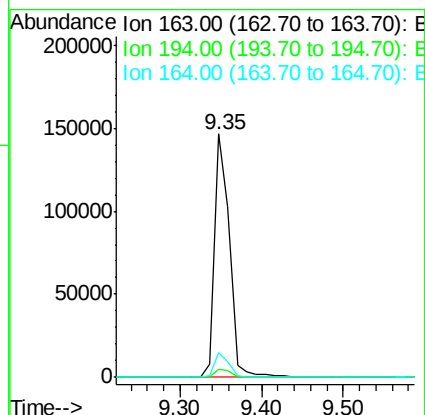
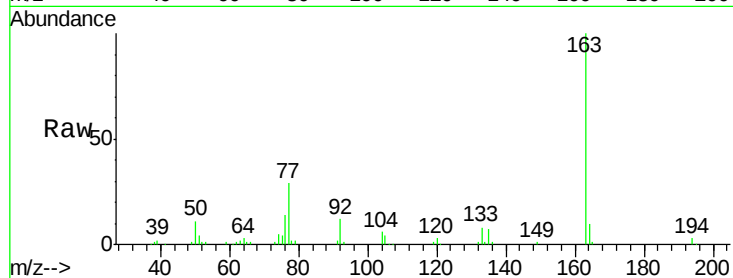




#49
Dimethylphthalate
Concen: 26.27 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF089192.D
Acq: 22 Jul 2016 12:41

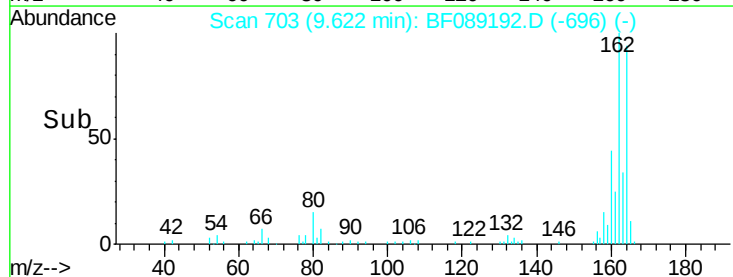
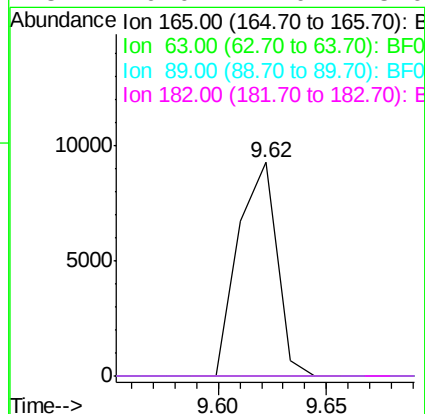
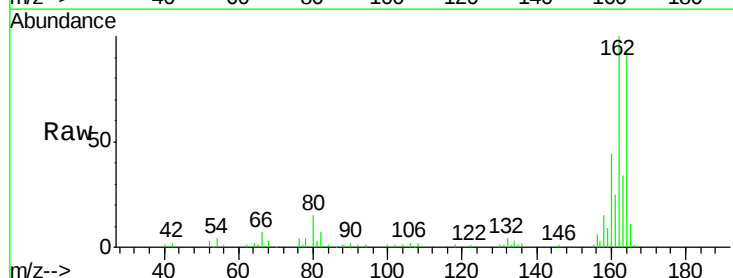
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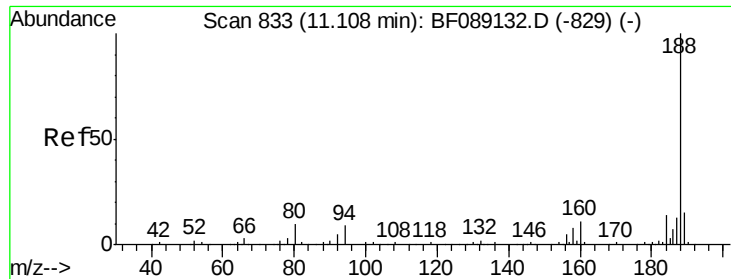
Tgt Ion:163 Resp: 188341
Ion Ratio Lower Upper
163 100
194 3.1 2.9 4.3
164 10.3 7.6 11.4



#56
2,4-Dinitrotoluene
Concen: 5.46 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.22 min
Lab File: BF089192.D
Acq: 22 Jul 2016 12:41

Tgt Ion:165 Resp: 11390
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#

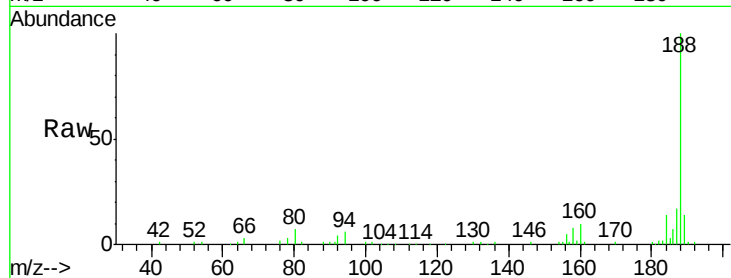




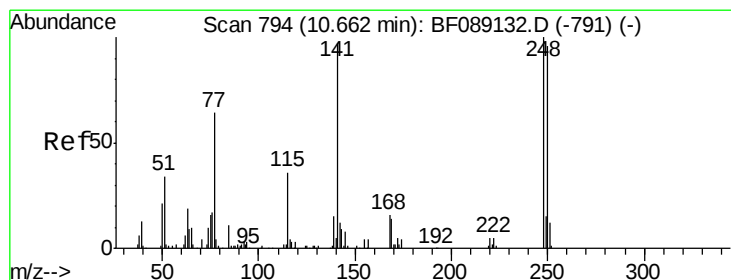
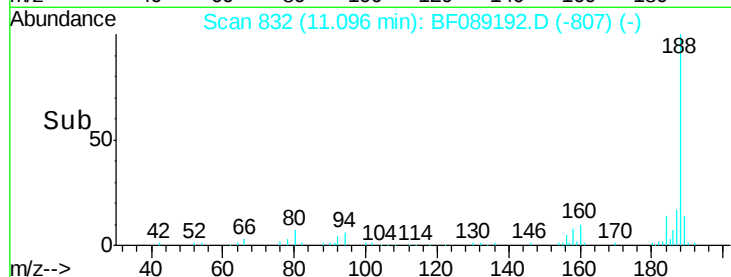
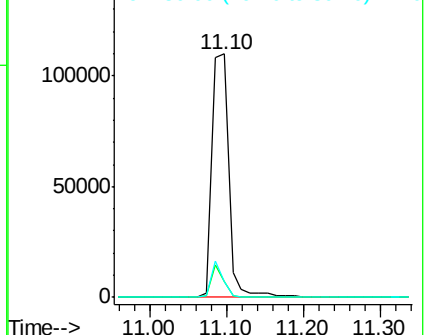
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:188 Resp: 167017
 Ion Ratio Lower Upper
 188 100
 94 6.3 7.0 10.4#
 80 6.7 7.7 11.5#

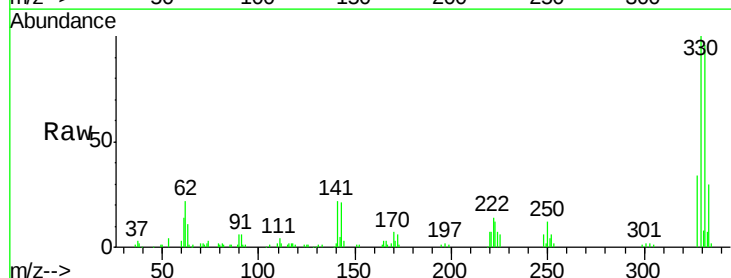


Abundance Ion 188.00 (187.70 to 188.70): E
 150000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

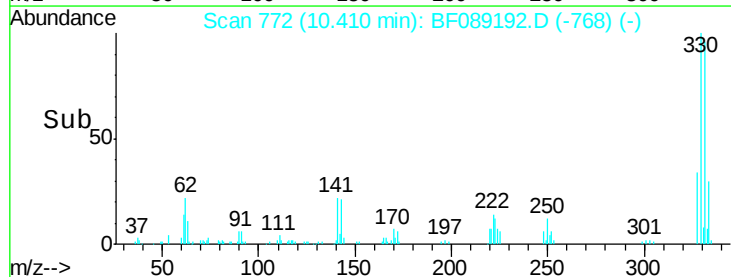
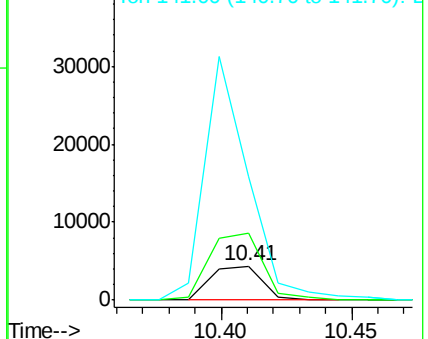


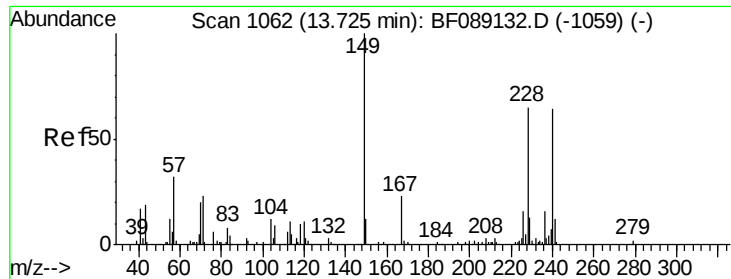
#66
 4-Bromophenyl-phenylether
 Concen: 3.64 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.25 min
 Lab File: BF089192.D
 Acq: 22 Jul 2016 12:41

Tgt Ion:248 Resp: 6020
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 367.8 77.4 116.2#



Abundance Ion 248.00 (247.70 to 248.70): E
 40000
 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: BF089192.D

Acq: 22 Jul 2016 12:41

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

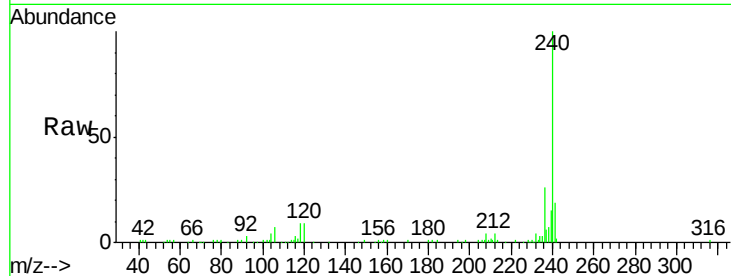
Tgt Ion:240 Resp: 109748

Ion Ratio Lower Upper

240 100

120 9.3 13.6 20.4#

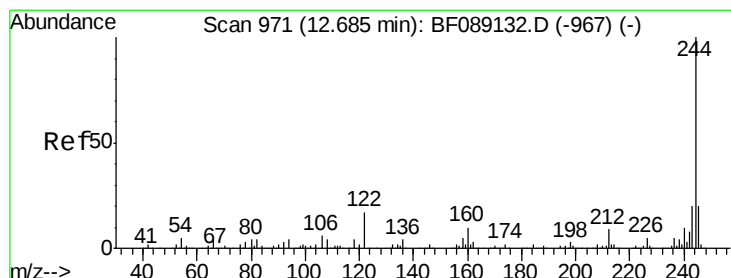
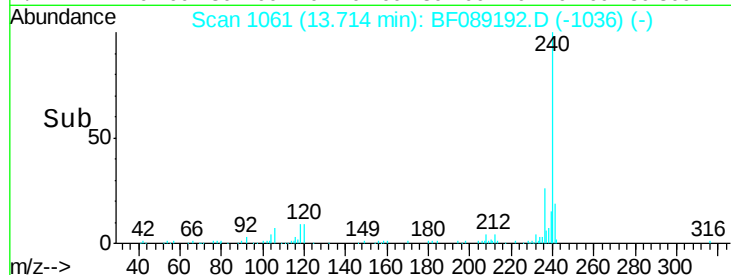
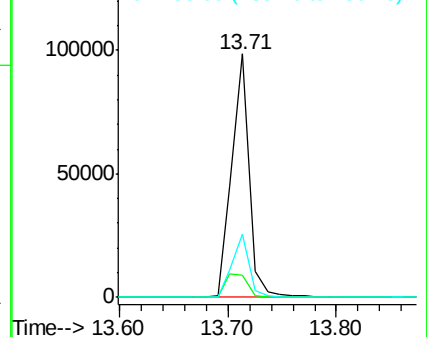
236 25.9 20.5 30.7



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: 59.13 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089192.D

Acq: 22 Jul 2016 12:41

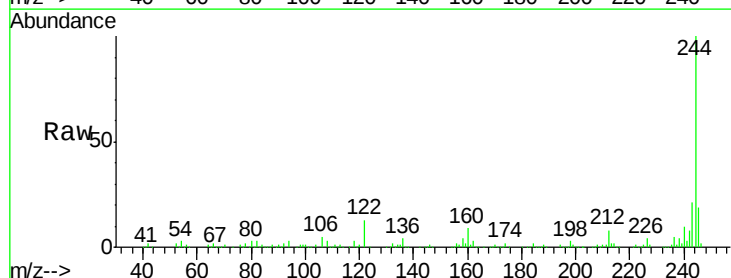
Tgt Ion:244 Resp: 299193

Ion Ratio Lower Upper

244 100

212 7.9 7.0 10.4

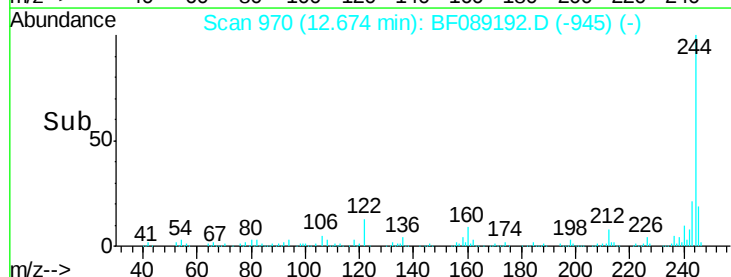
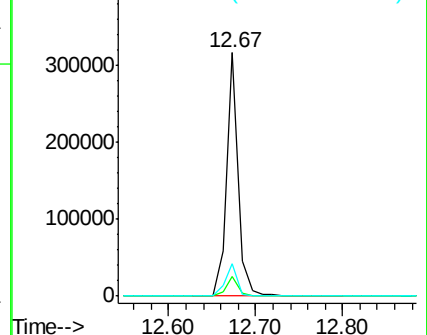
122 13.1 13.8 20.8#

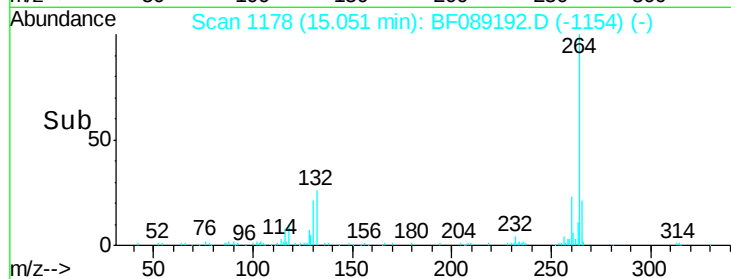
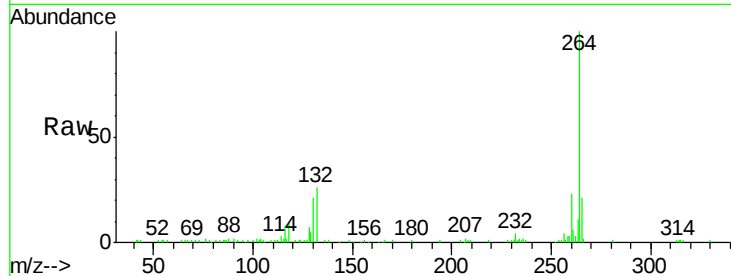
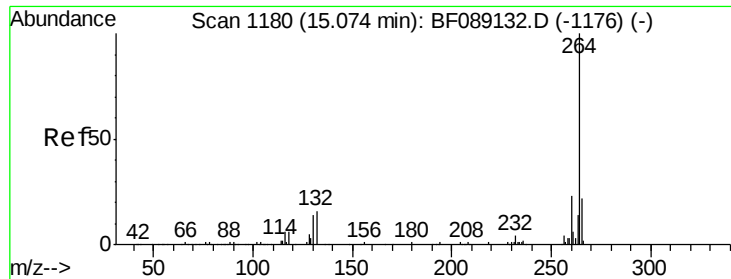


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF089192.D
Acq: 22 Jul 2016 12:41

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.5	17.3	25.9

