

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090033.D
 Acq On : 8 Sep 2016 19:20
 Operator : UM/SJ
 Sample : H4704-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4-6.5-7.5

Quant Time: Sep 09 04:37:47 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

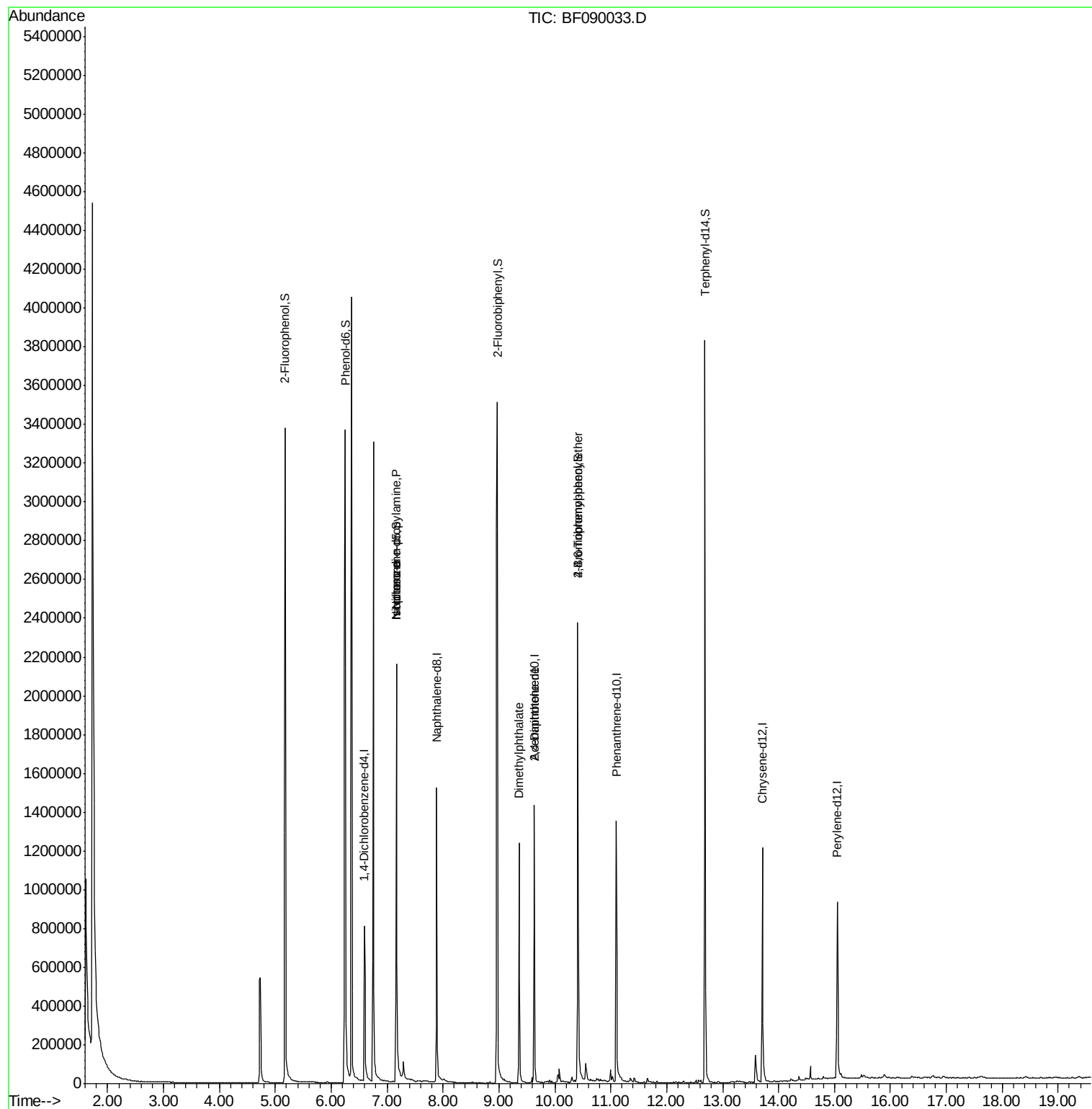
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	181671	20.00	ng	-0.01
21) Naphthalene-d8	7.88	136	777686	20.00	ng	-0.01
38) Acenaphthene-d10	9.63	164	381598	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	686070	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	486697	20.00	ng	-0.01
86) Perylene-d12	15.05	264	420251	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	1157391	101.97	ng	0.01
7) Phenol-d6	6.25	99	1635224	118.57	ng	0.00
23) Nitrobenzene-d5	7.16	82	869542	64.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	352289	93.58	ng	-0.01
44) 2-Fluorobiphenyl	8.97	172	1813684	78.02	ng	0.00
78) Terphenyl-d14	12.69	244	1380723	70.08	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.16	70	111792	12.44	ng	# 84
25) Isophorone	7.16	82	771289	28.29	ng	# 65
49) Dimethylphthalate	9.36	163	649216	23.54	ng	99
56) 2,4-Dinitrotoluene	9.63	165	46479	5.97	ng	# 29
66) 4-Bromophenyl-phenylether	10.41	248	22952	3.32	ng	# 1

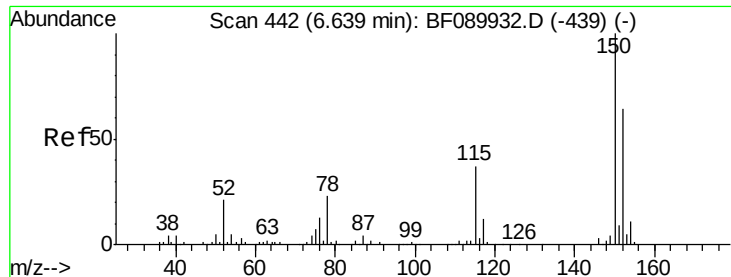
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090033.D

Acq: 8 Sep 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SB-4-6.5-7.5

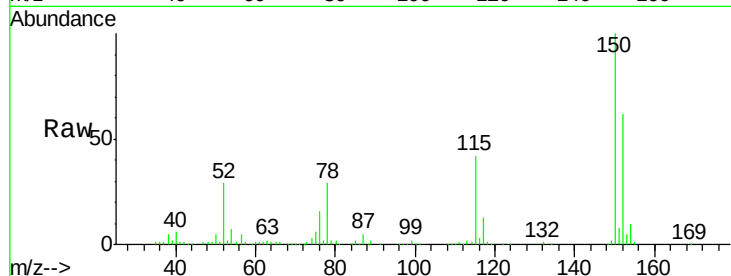
Tgt Ion:152 Resp: 181671

Ion Ratio Lower Upper

152 100

150 161.3 127.4 191.2

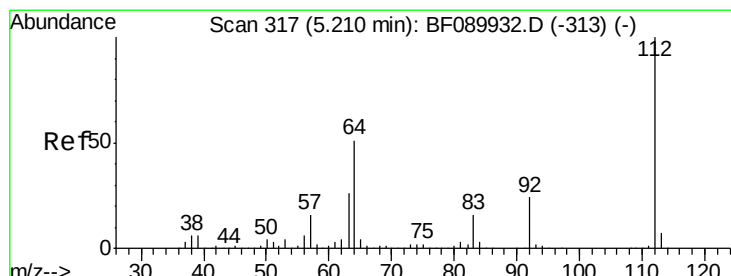
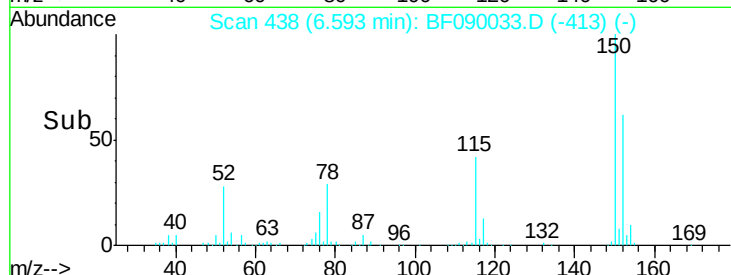
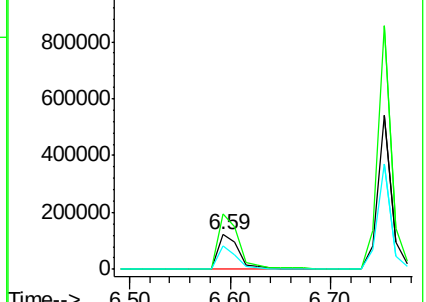
115 67.6 46.3 69.5



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: 101.97 ng

RT: 5.18 min Scan# 314

Delta R.T. 0.01 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

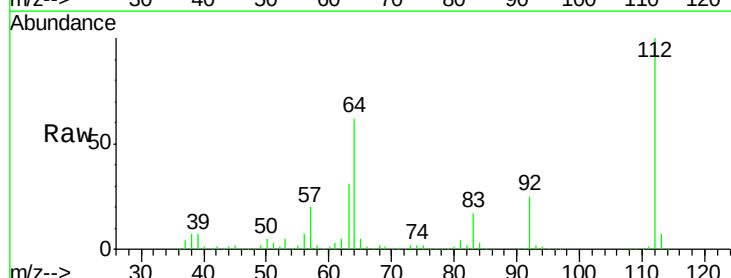
Tgt Ion:112 Resp: 1157391

Ion Ratio Lower Upper

112 100

64 61.7 41.1 61.7#

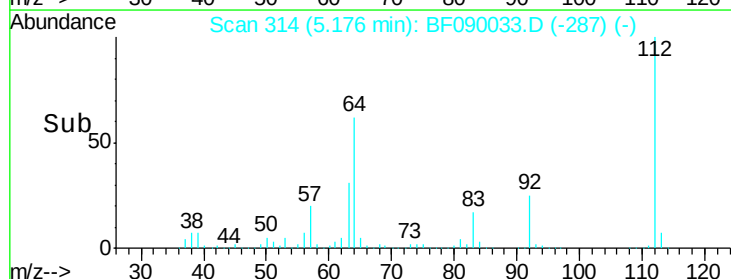
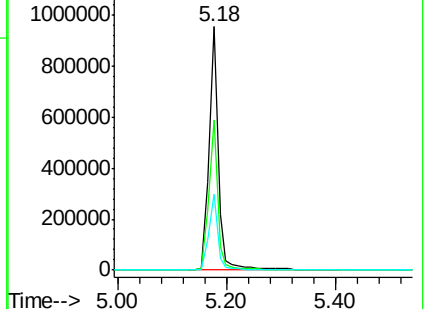
63 31.4 21.2 31.8

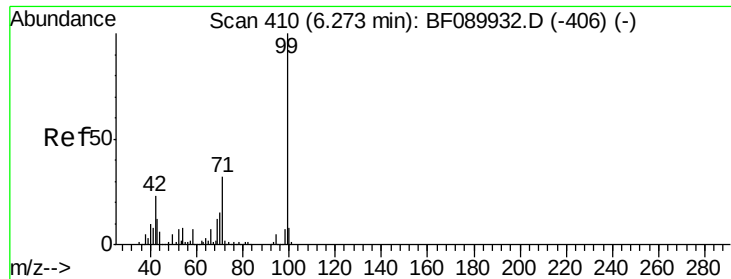


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.57 ng

RT: 6.25 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SB-4-6.5-7.5

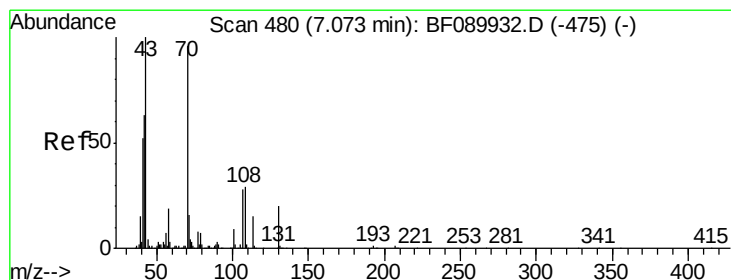
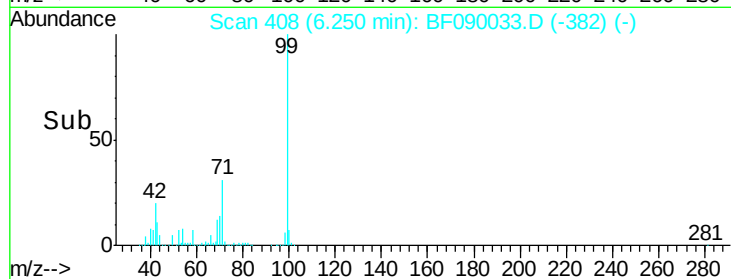
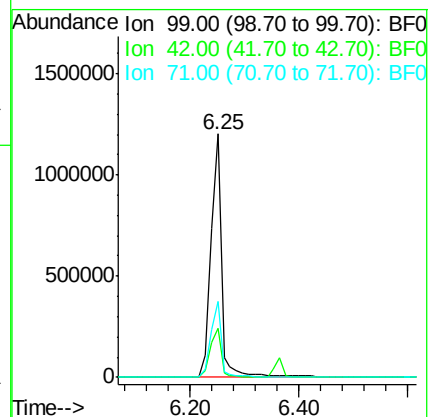
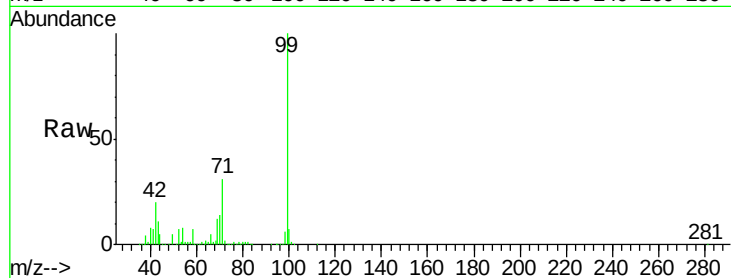
Tgt Ion: 99 Resp: 1635224

Ion Ratio Lower Upper

99 100

42 20.4 18.6 27.8

71 31.3 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.44 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

Tgt Ion: 70 Resp: 111792

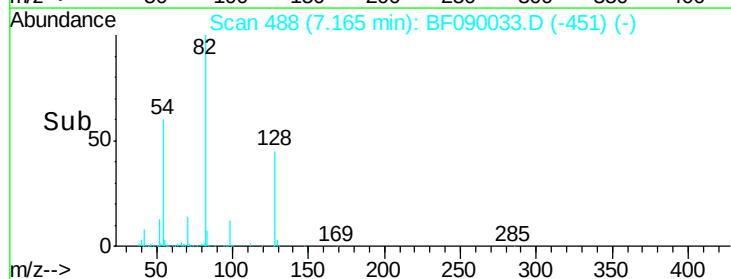
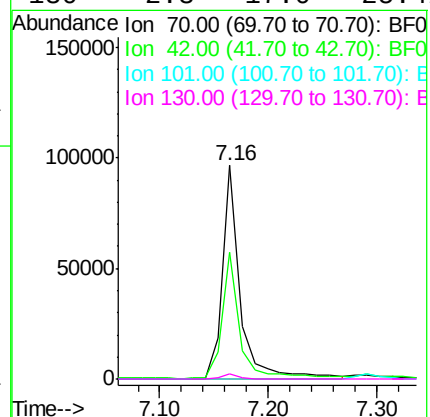
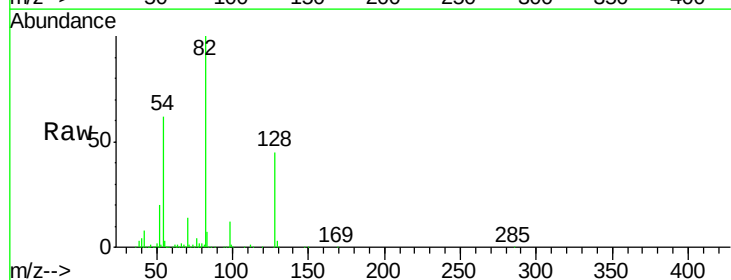
Ion Ratio Lower Upper

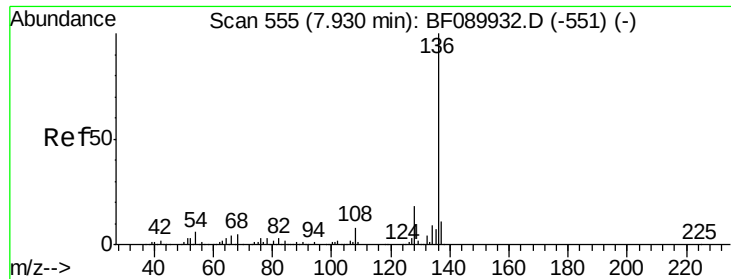
70 100

42 59.6 52.1 78.1

101 0.0 7.4 11.2#

130 2.3 17.0 25.4#

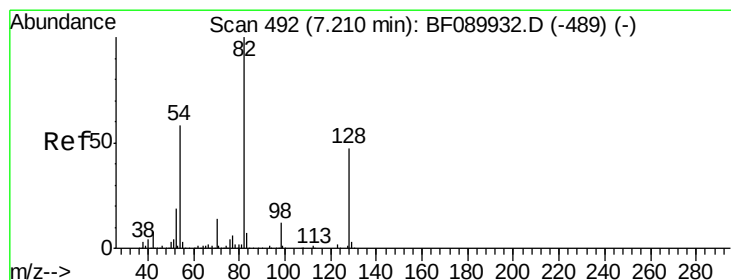
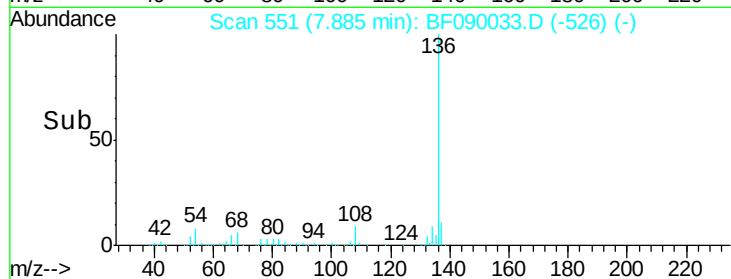
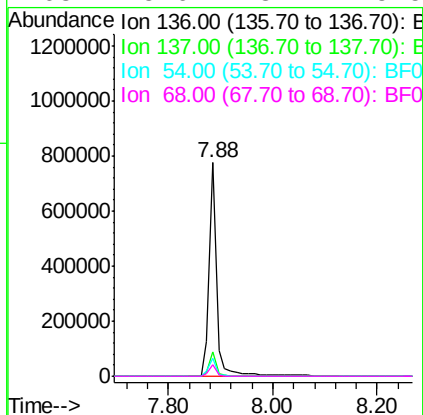
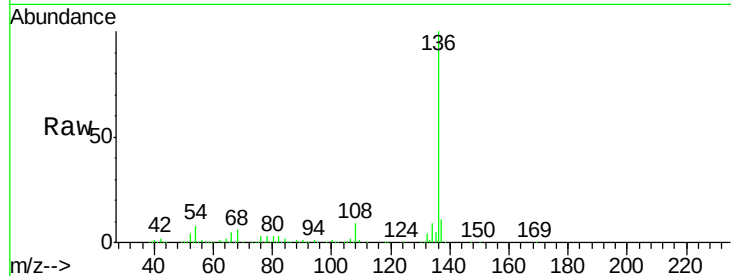




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF090033.D
Acq: 8 Sep 2016 19:20

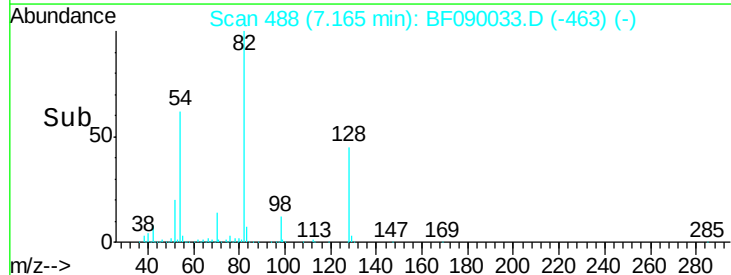
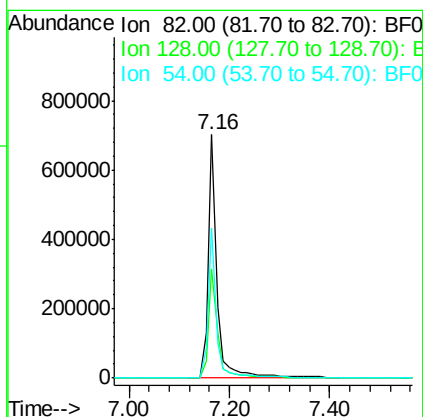
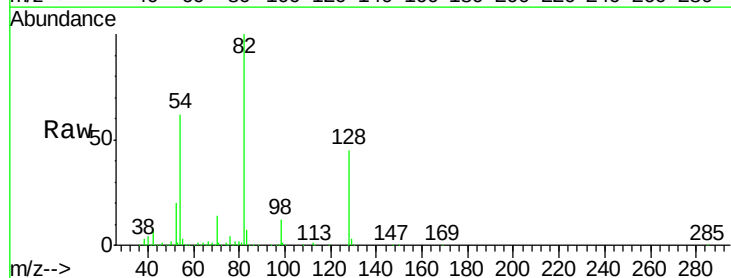
Instrument :
BNA_F
ClientSampleId :
SB-4-6.5-7.5

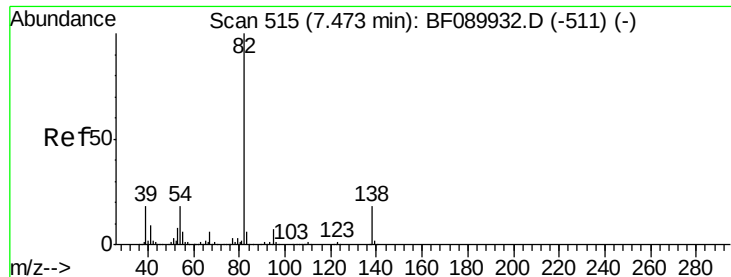
Tgt Ion:	136	Resp:	777686
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.3	12.5
54	8.2	4.8	7.2#
68	5.6	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 64.85 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF090033.D
Acq: 8 Sep 2016 19:20

Tgt Ion:	82	Resp:	869542
Ion	Ratio	Lower	Upper
82	100		
128	44.7	37.8	56.8
54	61.7	46.9	70.3





#25

Isophorone

Concen: 28.29 ng

RT: 7.16 min Scan# 488

Delta R.T. -0.27 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SB-4-6.5-7.5

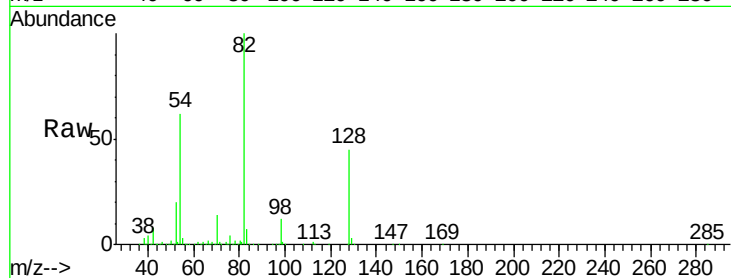
Tgt Ion: 82 Resp: 771289

Ion Ratio Lower Upper

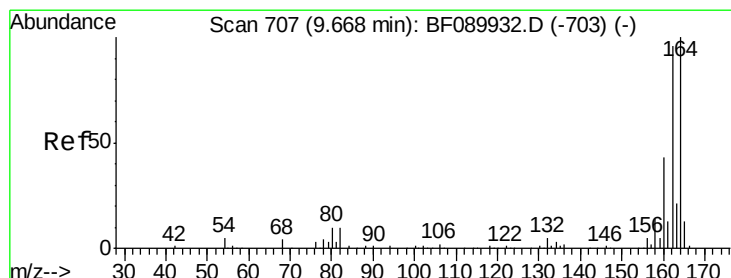
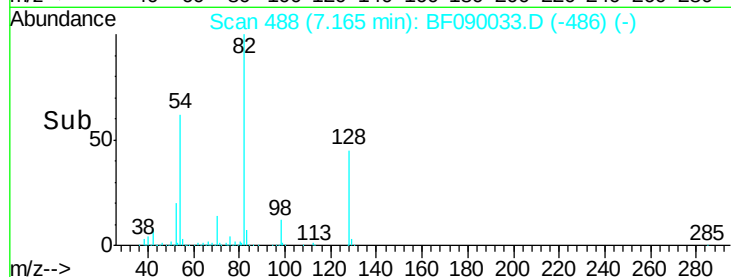
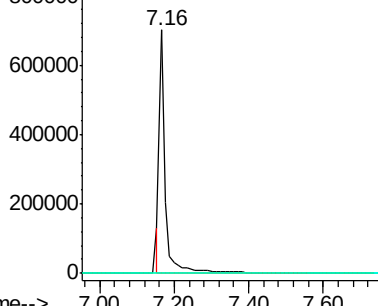
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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: 9.63 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

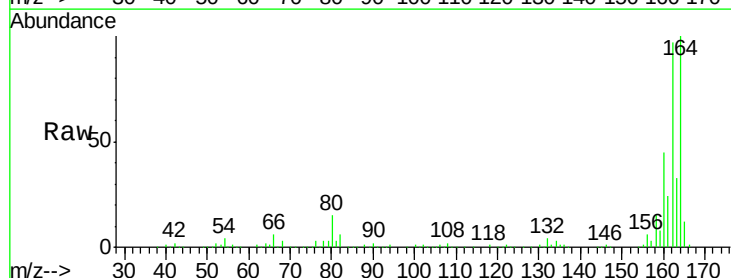
Tgt Ion: 164 Resp: 381598

Ion Ratio Lower Upper

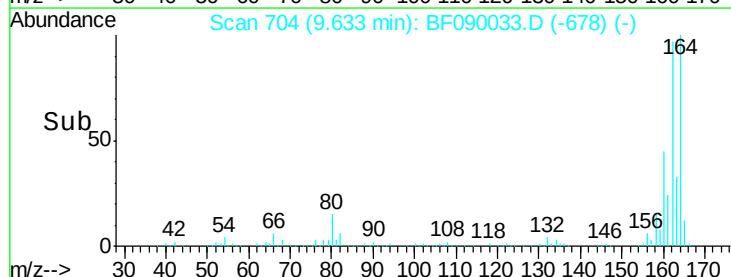
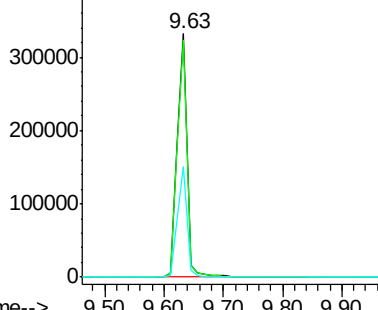
164 100

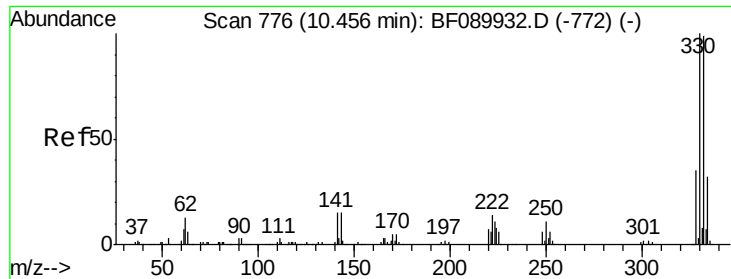
162 97.3 77.1 115.7

160 45.2 35.3 52.9



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

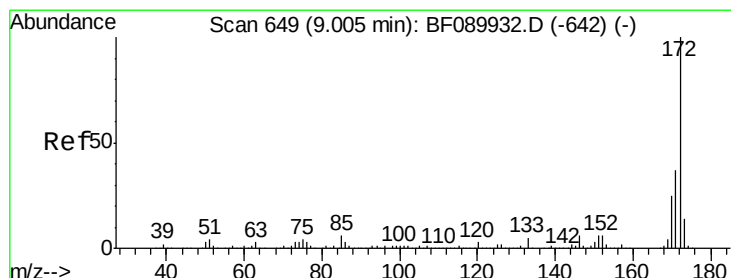
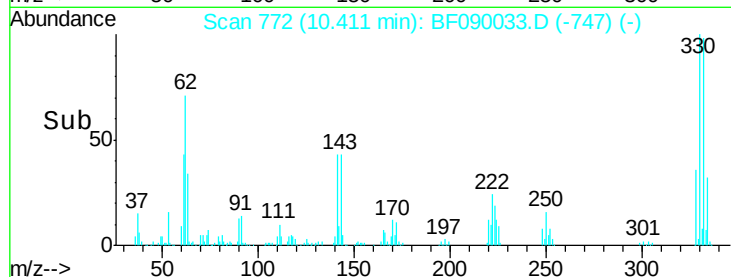
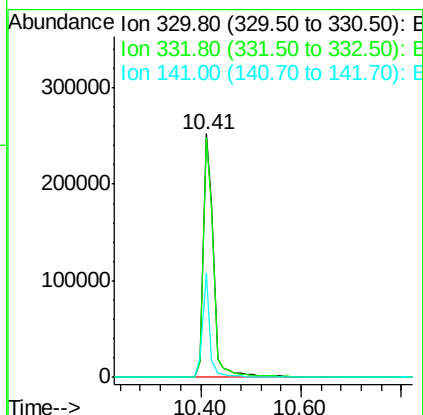
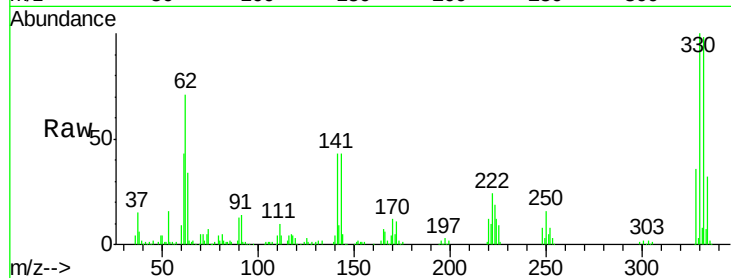




#41
 2,4,6-Tribromophenol
 Concen: 93.58 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090033.D
 Acq: 8 Sep 2016 19:20

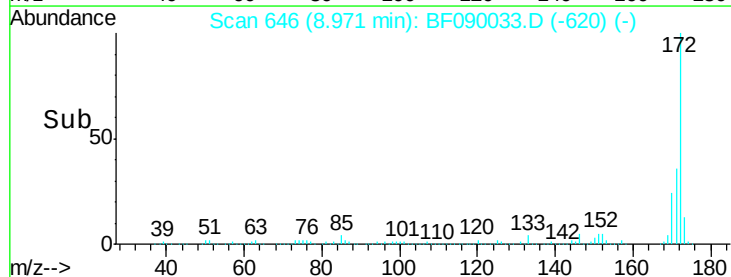
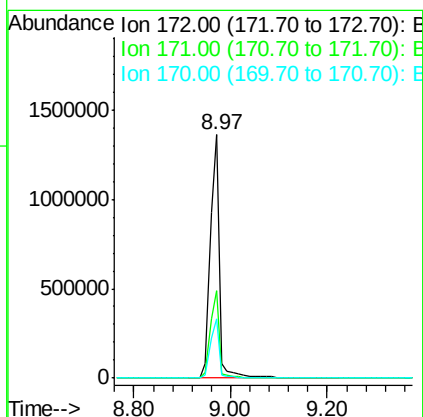
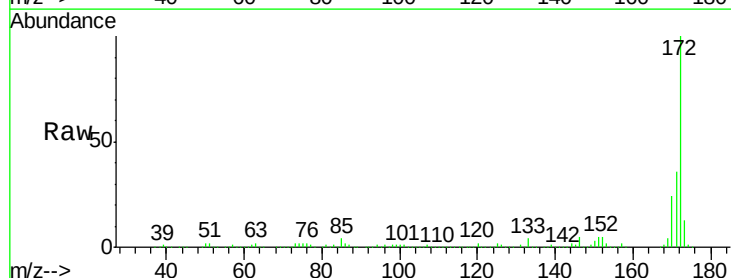
Instrument :
 BNA_F
 ClientSampleId :
 SB-4-6.5-7.5

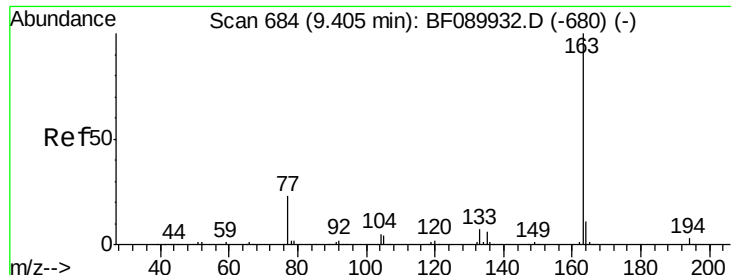
Tgt Ion:330 Resp: 352289
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 31.8 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 78.02 ng
 RT: 8.97 min Scan# 646
 Delta R.T. 0.00 min
 Lab File: BF090033.D
 Acq: 8 Sep 2016 19:20

Tgt Ion:172 Resp: 1813684
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.2
 170 24.3 20.1 30.1

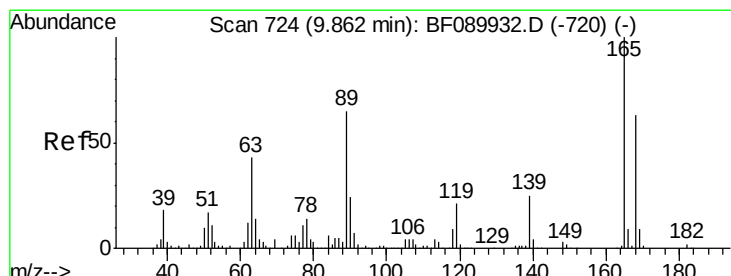
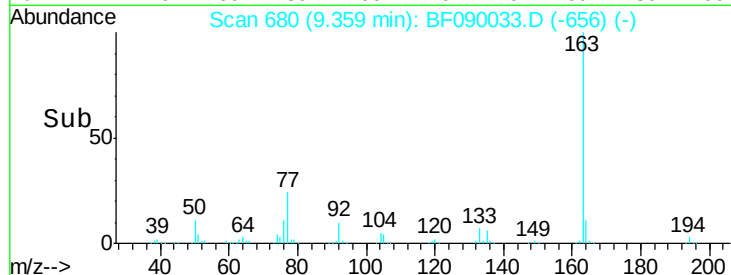
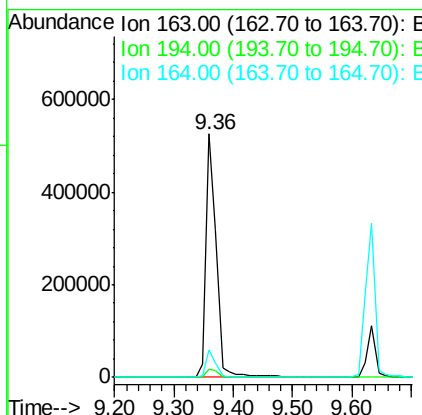
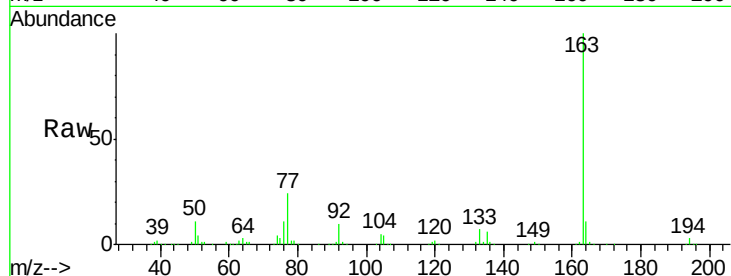




#49
Dimethylphthalate
Concen: 23.54 ng
RT: 9.36 min Scan# 680
Delta R.T. -0.02 min
Lab File: BF090033.D
Acq: 8 Sep 2016 19:20

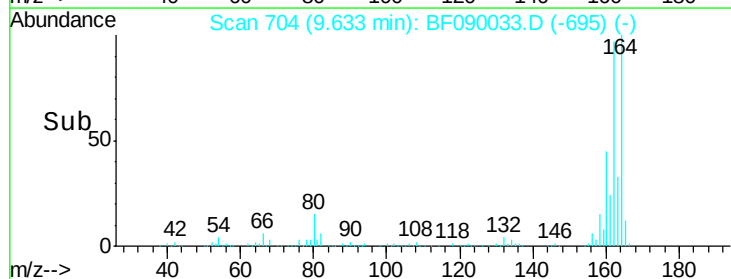
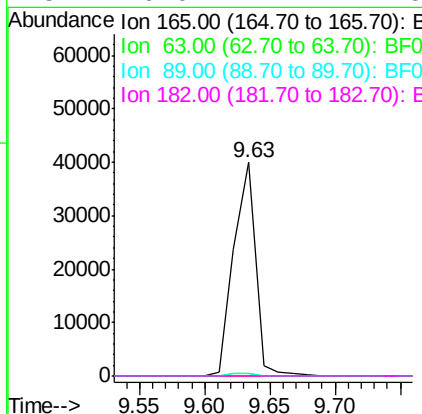
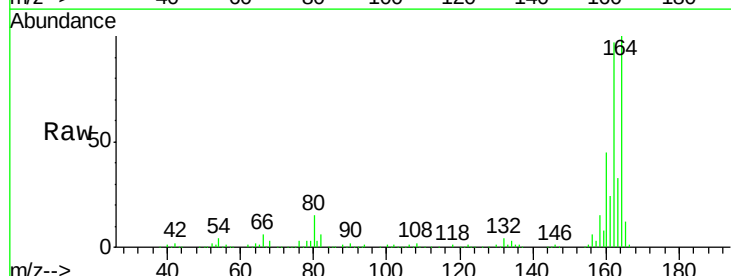
Instrument :
BNA_F
ClientSampleId :
SB-4-6.5-7.5

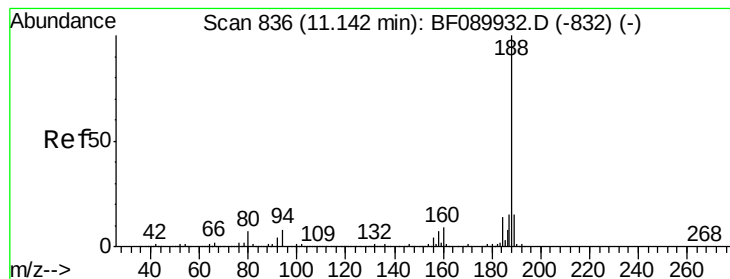
Tgt Ion:163 Resp: 649216
Ion Ratio Lower Upper
163 100
194 3.2 2.7 4.1
164 11.5 9.0 13.4



#56
2,4-Dinitrotoluene
Concen: 5.97 ng
RT: 9.63 min Scan# 704
Delta R.T. -0.19 min
Lab File: BF090033.D
Acq: 8 Sep 2016 19:20

Tgt Ion:165 Resp: 46479
Ion Ratio Lower Upper
165 100
63 1.3 32.5 48.7#
89 1.1 48.3 72.5#
182 0.0 1.7 2.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SB-4-6.5-7.5

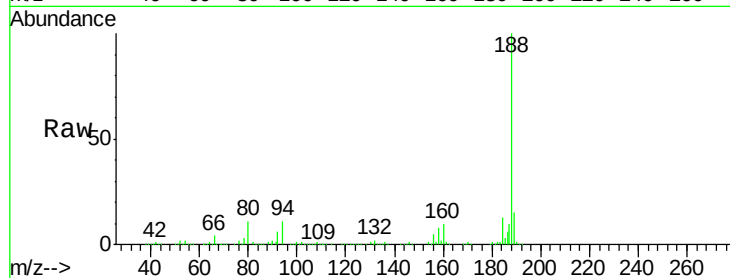
Tgt Ion:188 Resp: 686070

Ion Ratio Lower Upper

188 100

94 11.0 5.9 8.9#

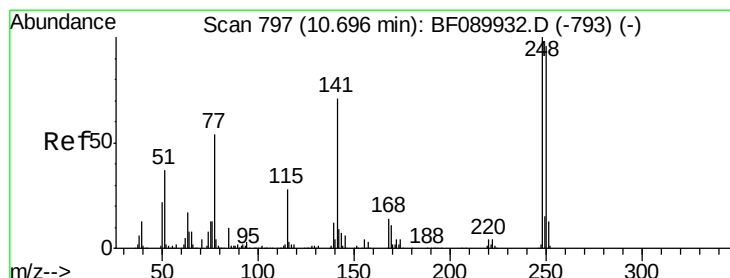
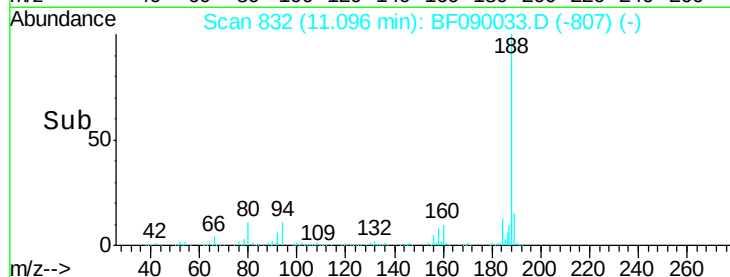
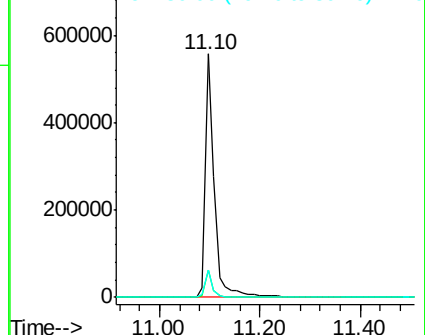
80 11.0 5.8 8.8#



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: 3.32 ng

RT: 10.41 min Scan# 772

Delta R.T. -0.25 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

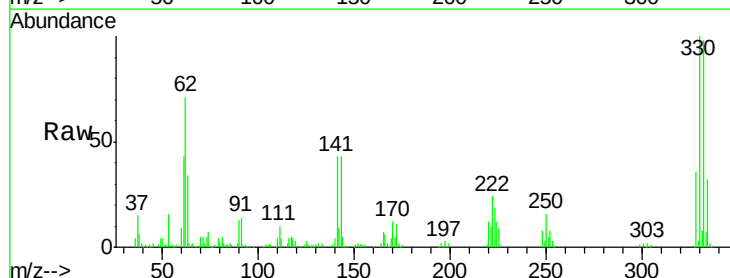
Tgt Ion:248 Resp: 22952

Ion Ratio Lower Upper

248 100

250 187.7 77.3 115.9#

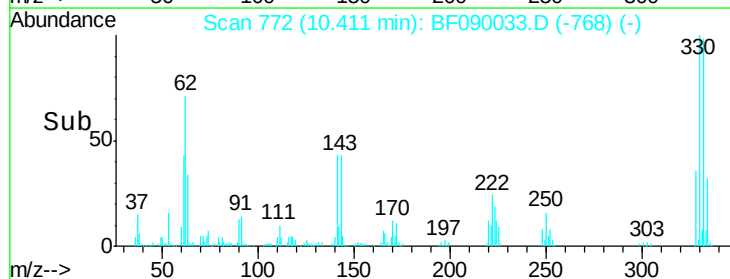
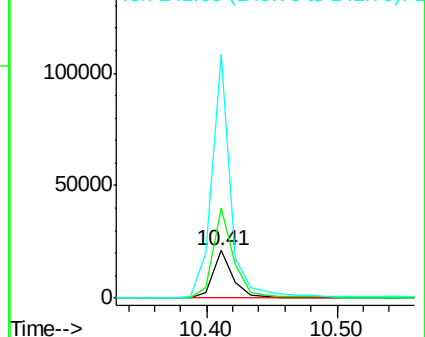
141 510.7 55.8 83.8#

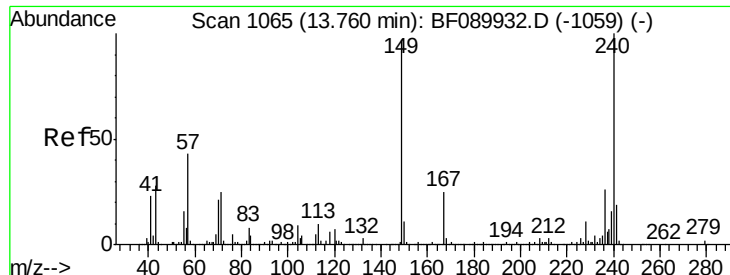


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF090033.D

Acq: 8 Sep 2016 19:20

Instrument :

BNA_F

ClientSampleId :

SB-4-6.5-7.5

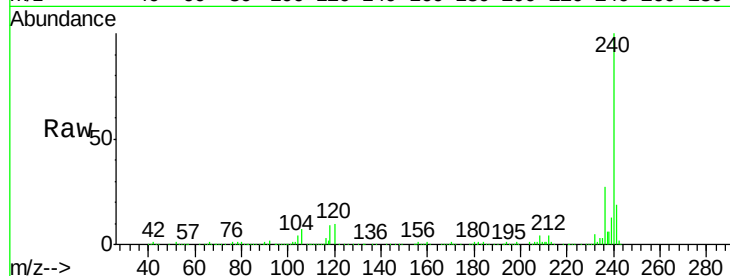
Tgt Ion:240 Resp: 486697

Ion Ratio Lower Upper

240 100

120 10.5 5.7 8.5#

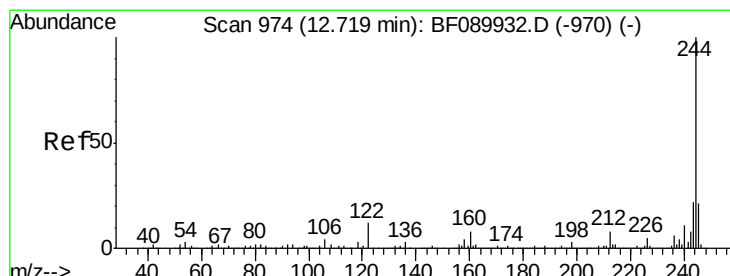
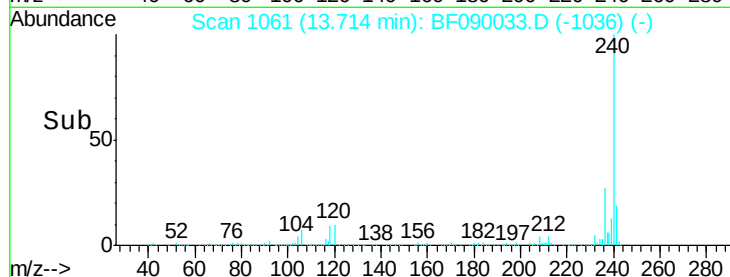
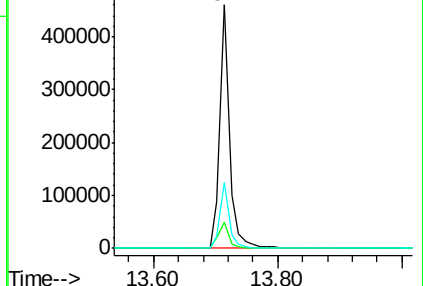
236 26.8 21.3 31.9



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: 70.08 ng

RT: 12.69 min Scan# 971

Delta R.T. 0.00 min

Lab File: BF090033.D

Acq: 8 Sep 2016 19:20

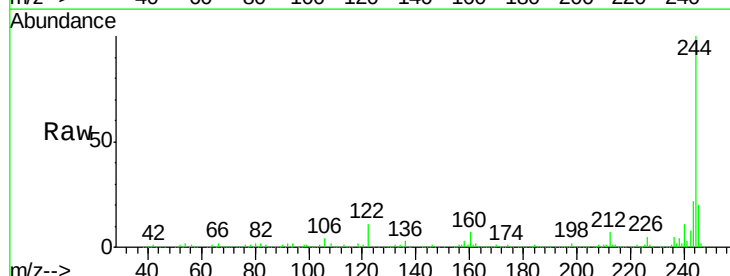
Tgt Ion:244 Resp: 1380723

Ion Ratio Lower Upper

244 100

212 7.4 6.1 9.1

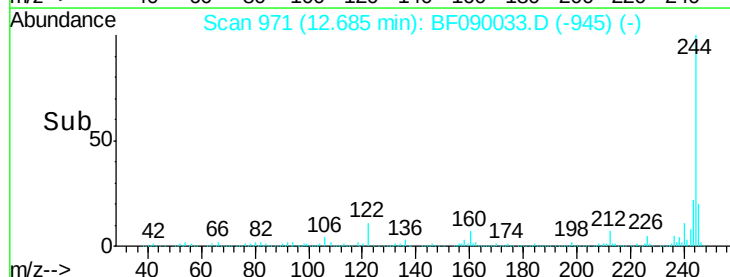
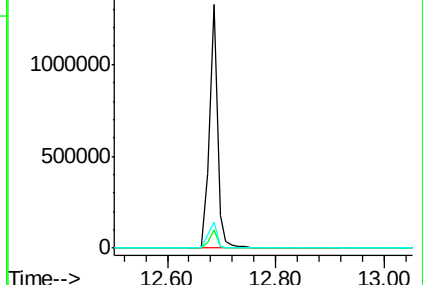
122 10.9 9.6 14.4

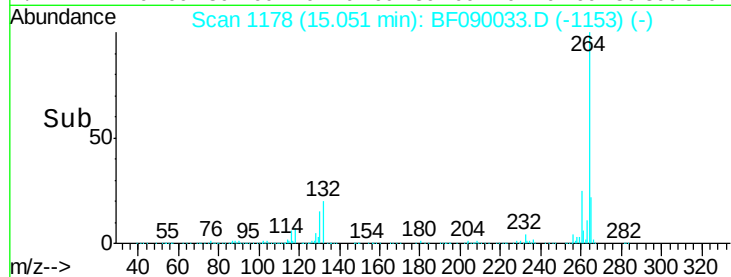
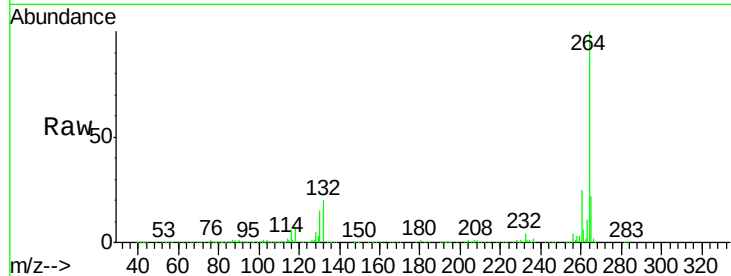
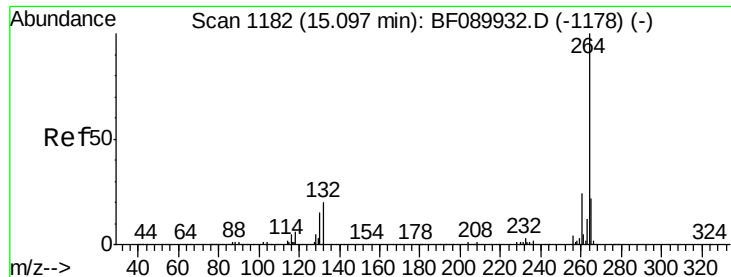


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.05 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF090033.D
Acq: 8 Sep 2016 19:20

Instrument :
BNA_F
ClientSampleId :
SB-4-6.5-7.5

Tgt Ion:	264	Resp:	420251
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	21.6	17.4	26.2

