

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090070.D
 Acq On : 12 Sep 2016 18:25
 Operator : UM/SJ
 Sample : PB93311BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BL

Quant Time: Sep 13 02:42:34 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

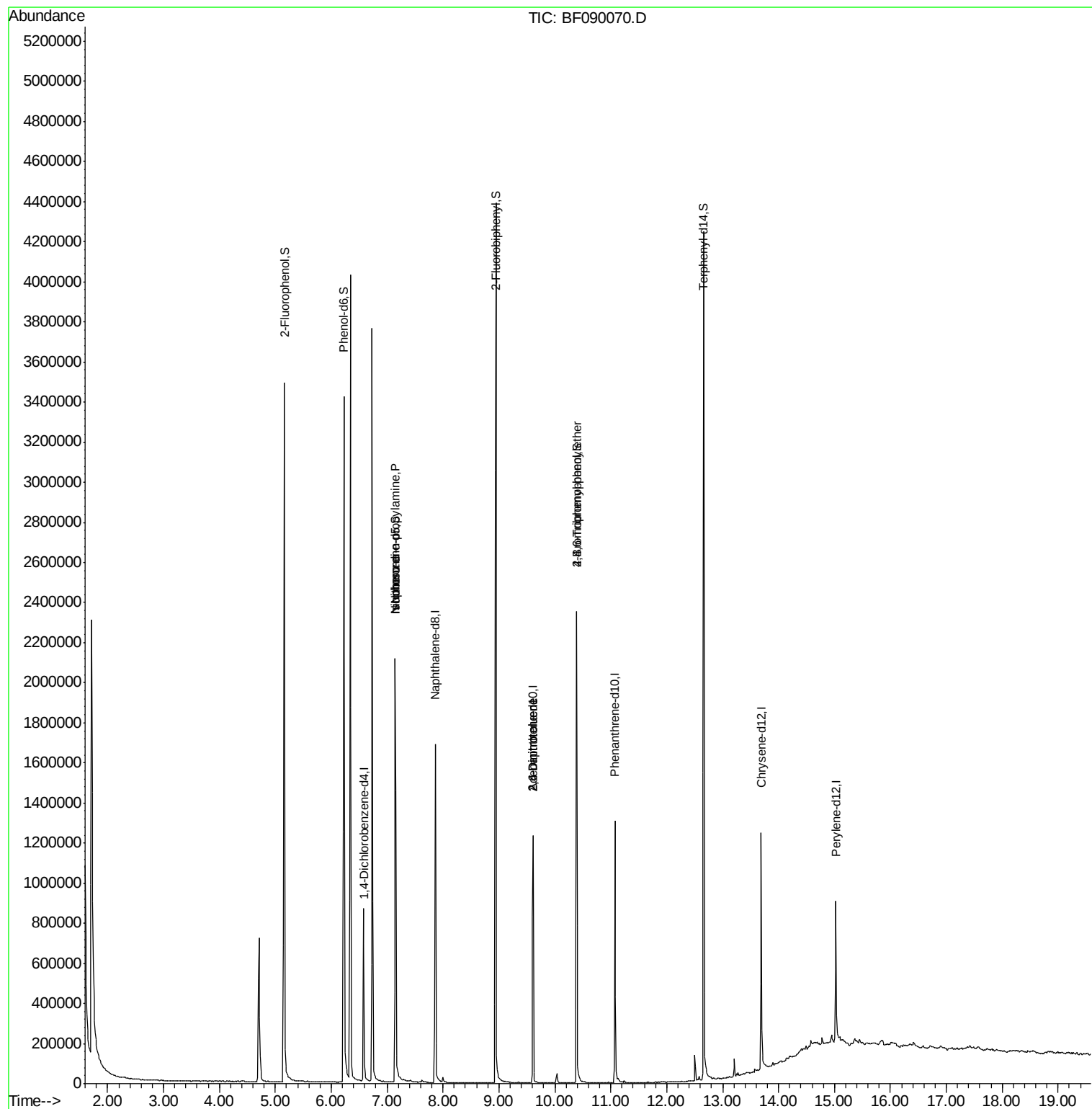
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	201233	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	814171	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	348775	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	584590	20.00	ng	-0.03
75) Chrysene-d12	13.69	240	514683	20.00	ng	-0.03
86) Perylene-d12	15.03	264	356094	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	1579794	125.66	ng	0.00
7) Phenol-d6	6.23	99	1822683	119.32	ng	-0.02
23) Nitrobenzene-d5	7.14	82	1031799	73.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	342727	99.60	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	2013222	94.75	ng	-0.02
78) Terphenyl-d14	12.66	244	1552166	74.50	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	130522	13.11	ng	# 85
25) Isophorone	7.14	82	902311	31.61	ng	# 65
50) 2,6-Dinitrotoluene	9.61	165	42065	7.50	ng	# 26
56) 2,4-Dinitrotoluene	9.61	165	42065	5.92	ng	# 29
66) 4-Bromophenyl-phenylether	10.39	248	21008	3.57	ng	# 1

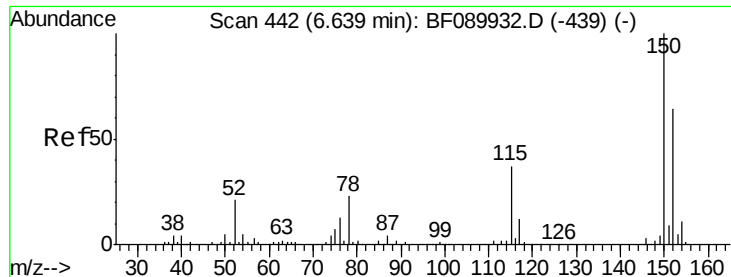
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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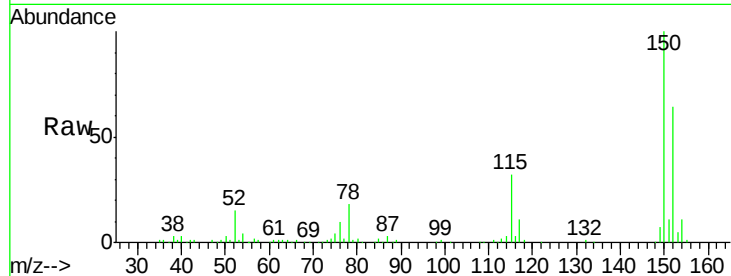


#1

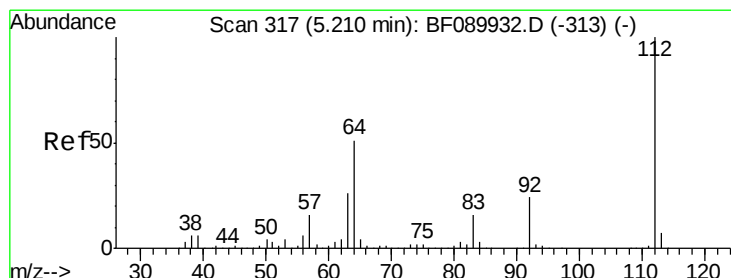
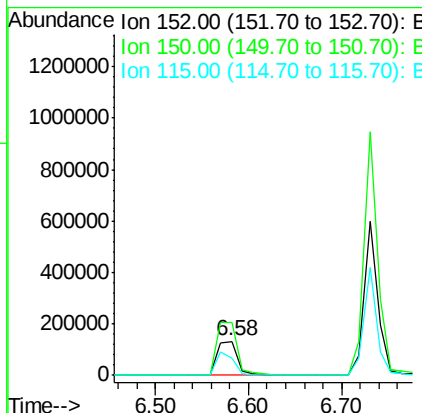
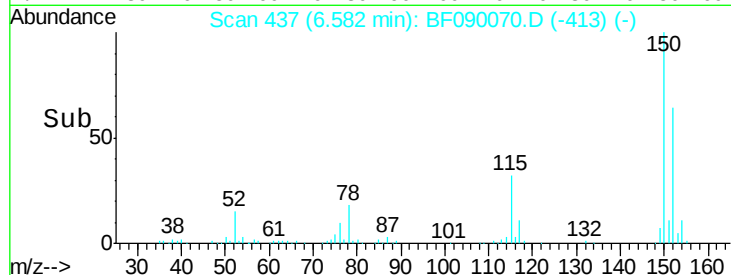
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB93311BL

Tgt Ion:152 Resp: 201233
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.2
 115 50.3 46.3 69.5



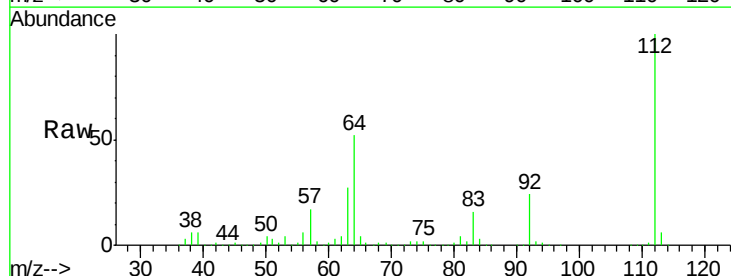
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



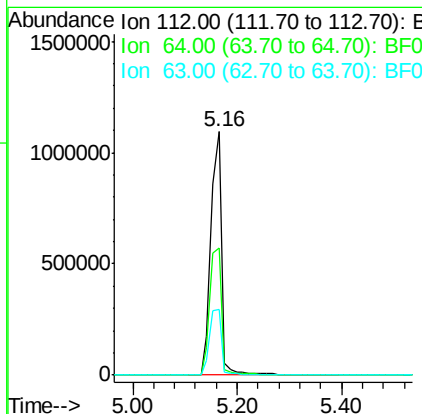
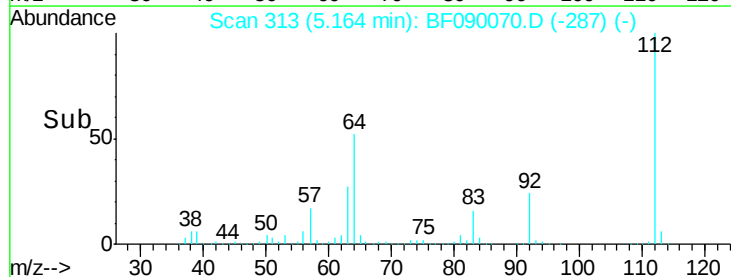
#5

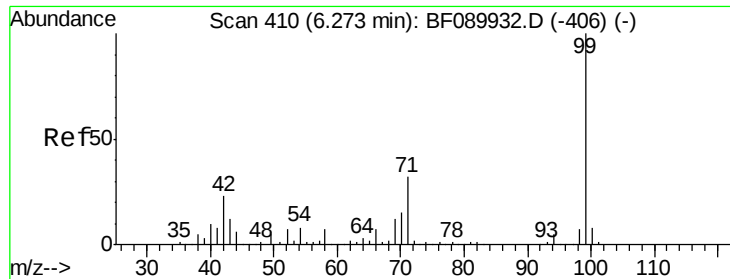
2-Fluorophenol
 Concen: 125.66 ng
 RT: 5.16 min Scan# 313
 Delta R.T. 0.00 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion:112 Resp: 1579794
 Ion Ratio Lower Upper
 112 100
 64 52.0 41.1 61.7
 63 26.9 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: 119.32 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

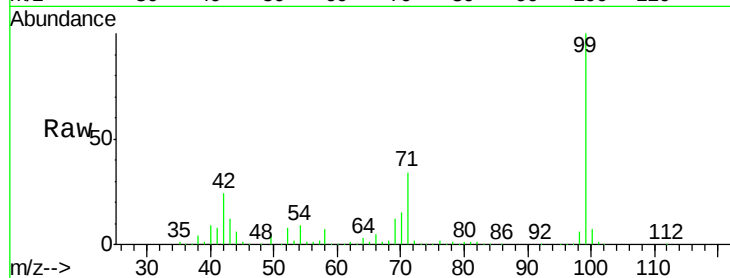
Tgt Ion: 99 Resp: 1822683

Ion Ratio Lower Upper

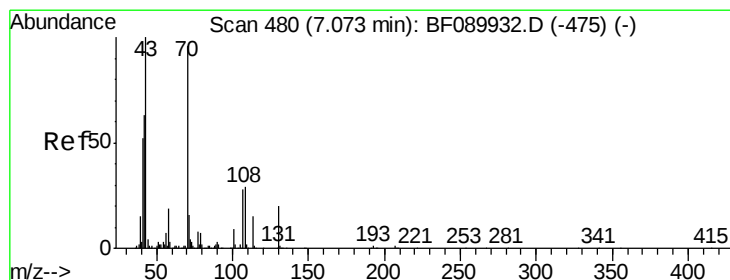
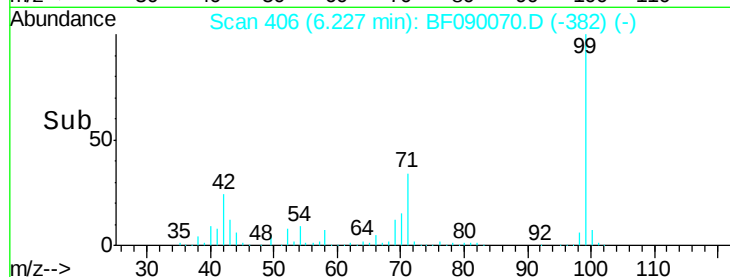
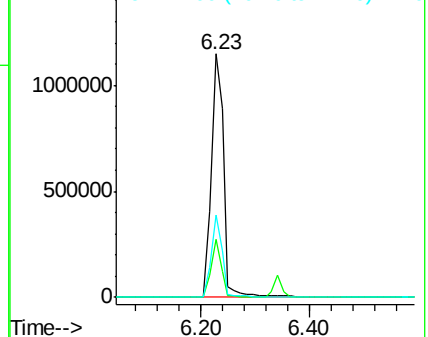
99 100

42 24.0 18.6 27.8

71 33.8 25.8 38.6



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.11 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Tgt Ion: 70 Resp: 130522

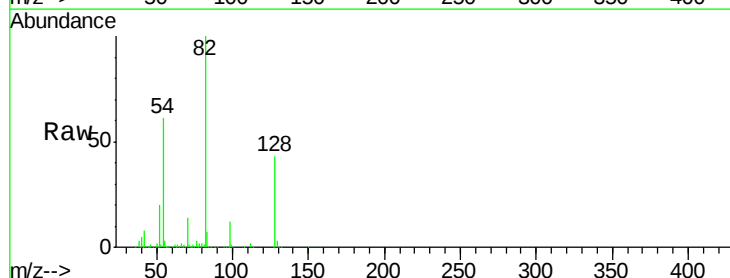
Ion Ratio Lower Upper

70 100

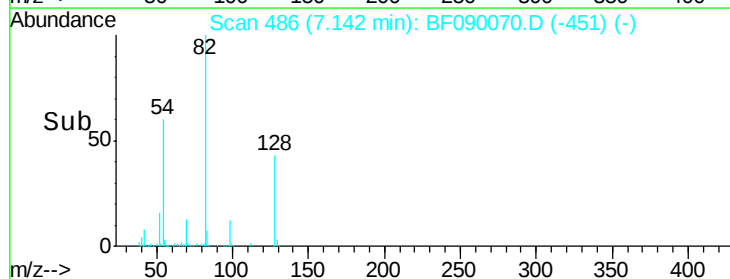
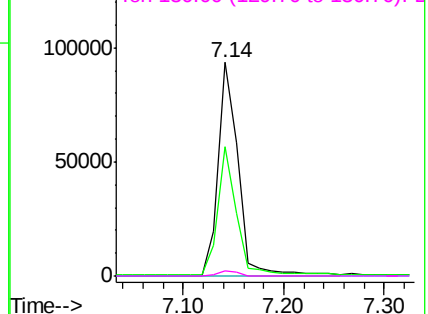
42 60.8 52.1 78.1

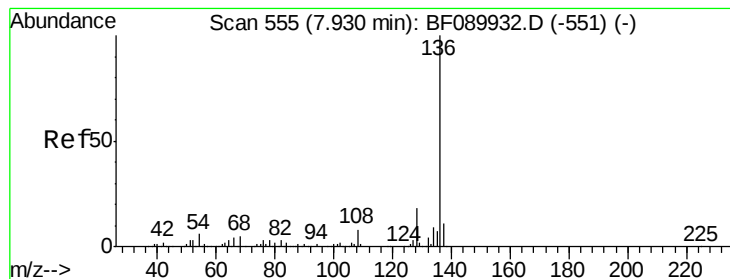
101 0.0 7.4 11.2#

130 2.2 17.0 25.4#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

Tgt Ion:136 Resp: 814171

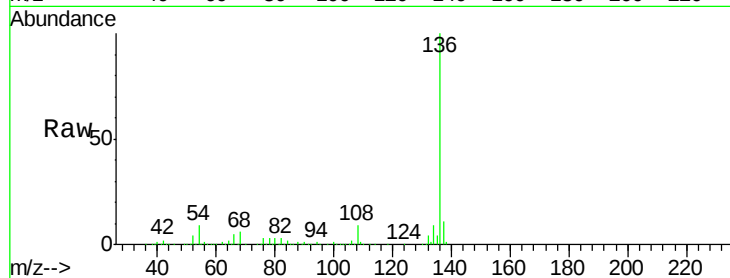
Ion Ratio Lower Upper

136 100

137 11.1 8.3 12.5

54 8.8 4.8 7.2#

68 5.9 3.7 5.5#

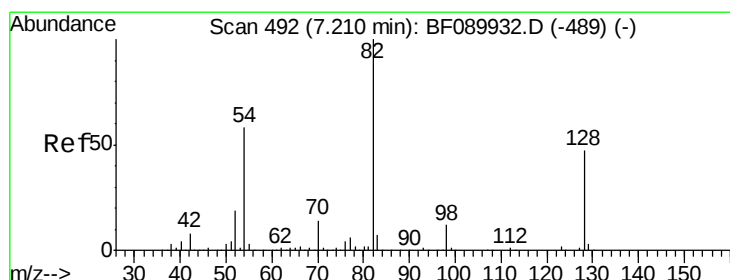
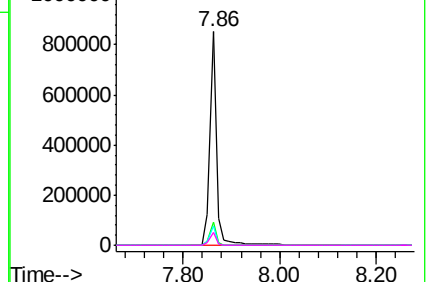
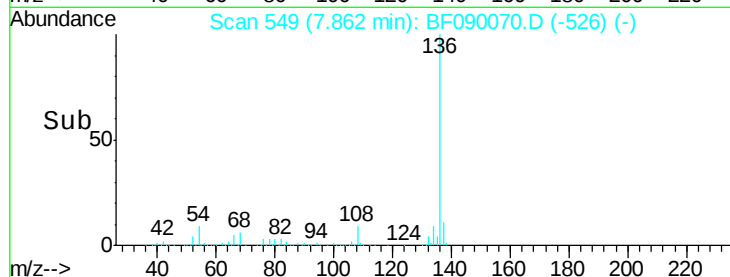


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.50 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

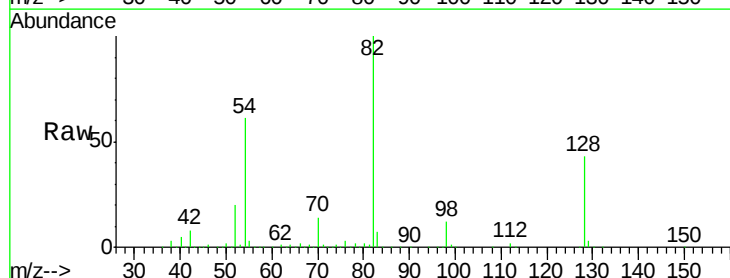
Tgt Ion: 82 Resp: 1031799

Ion Ratio Lower Upper

82 100

128 43.1 37.8 56.8

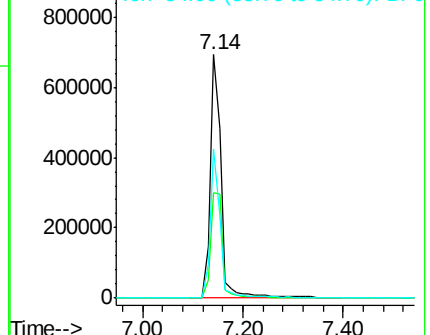
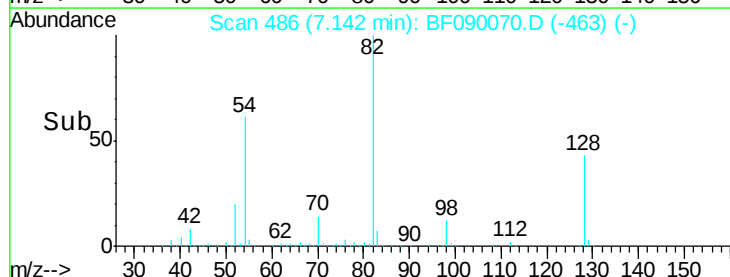
54 61.3 46.9 70.3

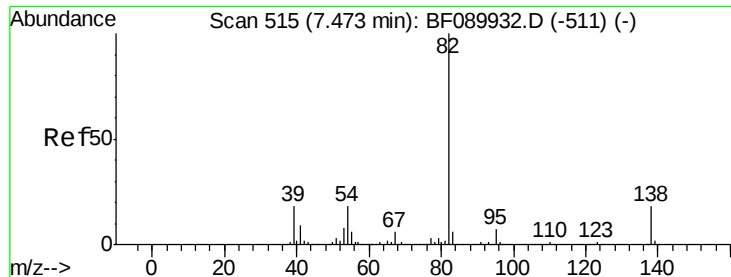


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.61 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

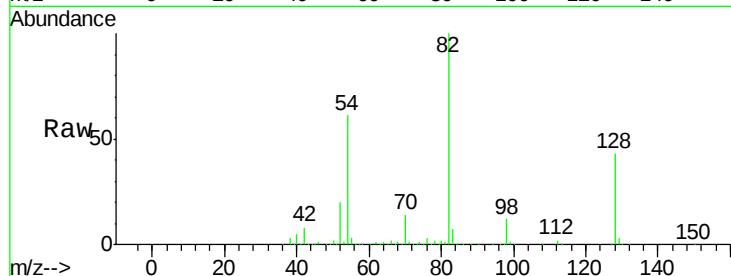
BNA_F

ClientSampleId :

PB93311BL

Tgt Ion: 82 Resp: 902311

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

7.14

800000

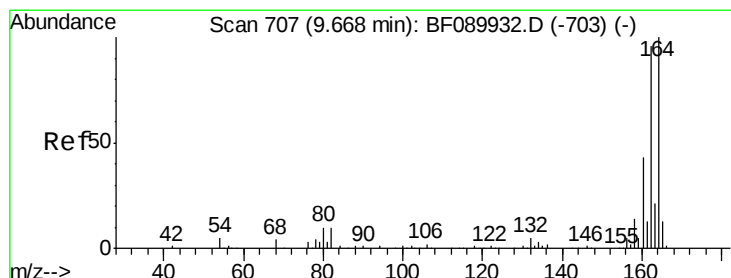
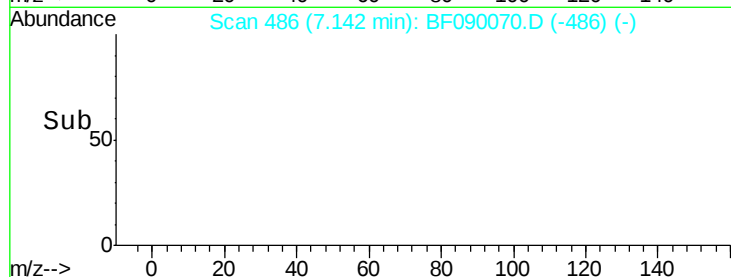
600000

400000

200000

0

Time--> 7.00 7.20 7.40



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.61 min Scan# 702

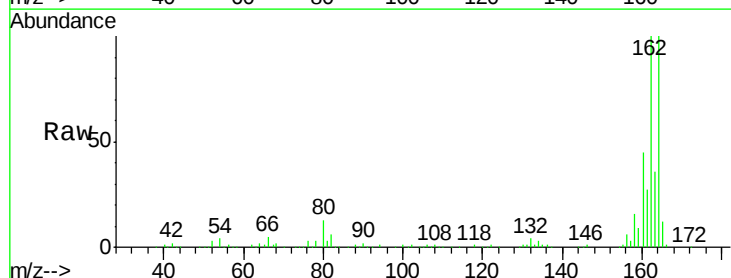
Delta R.T. -0.02 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Tgt Ion: 164 Resp: 348775

Ion	Ratio	Lower	Upper
164	100		
162	99.8	77.1	115.7
160	45.3	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

9.61

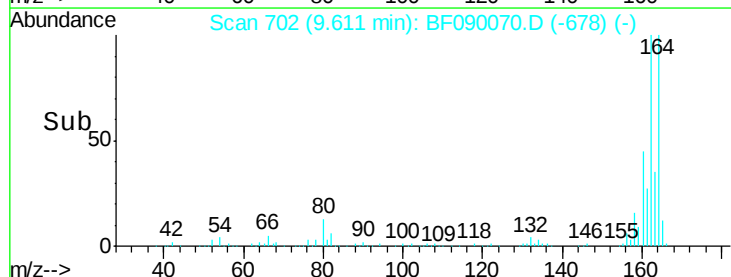
300000

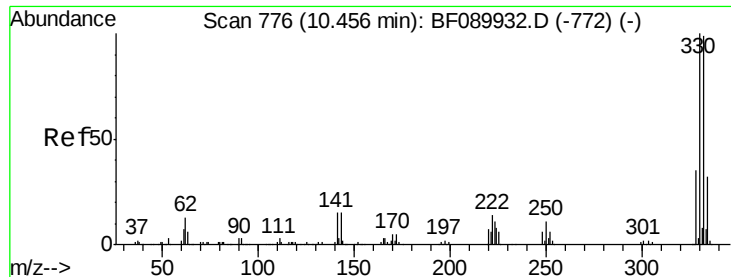
200000

100000

0

Time--> 9.50 9.60 9.70 9.80

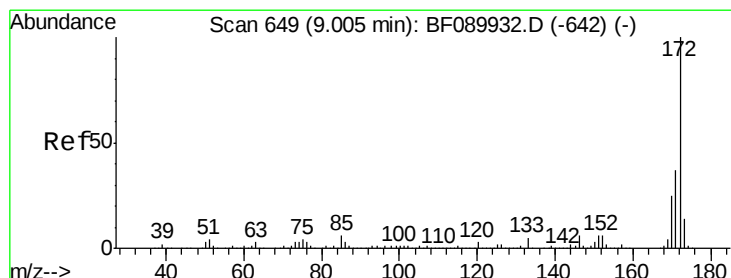
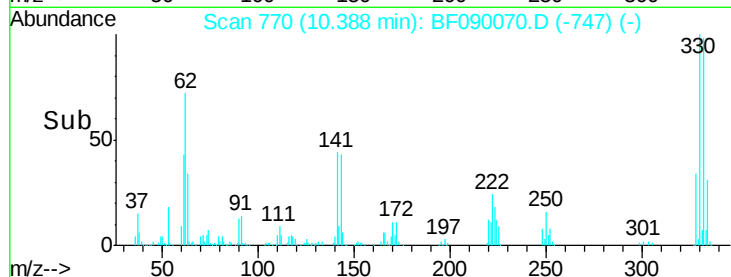
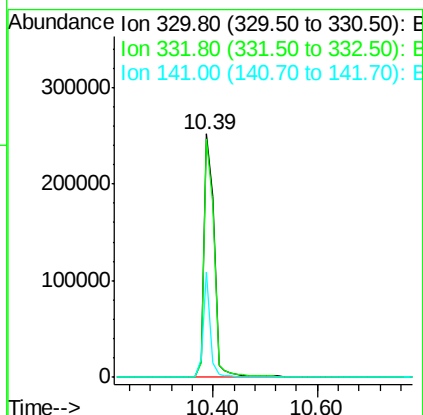
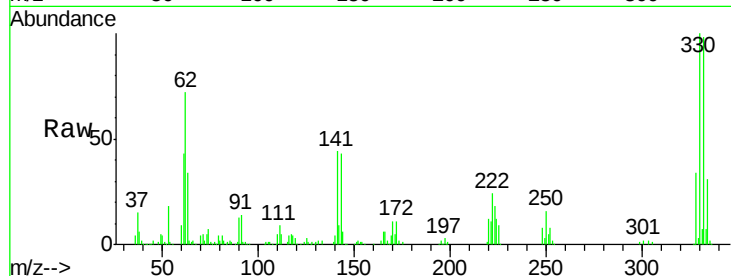




#41
 2,4,6-Tribromophenol
 Concen: 99.60 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

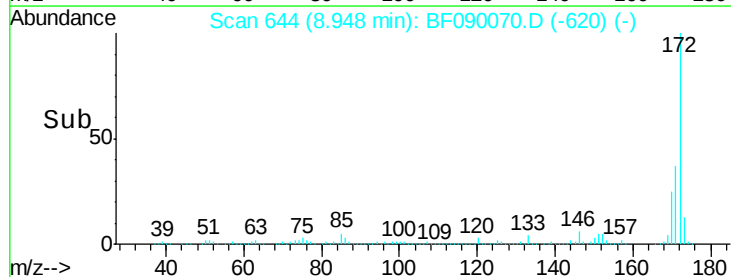
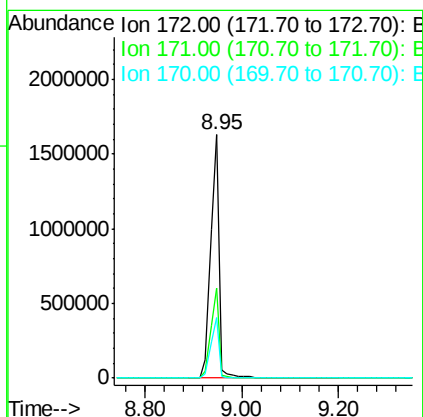
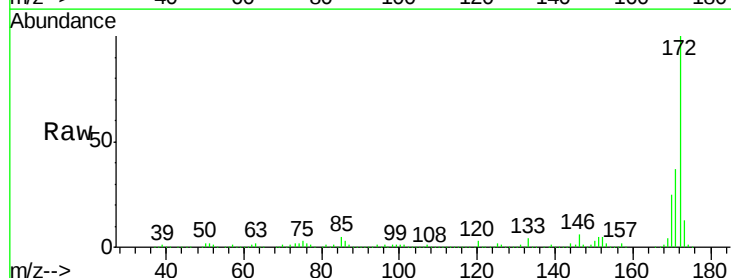
Instrument :
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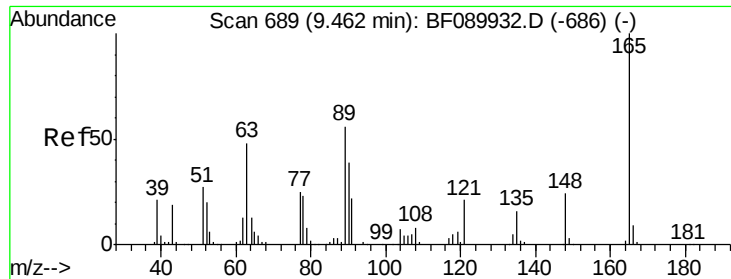
Tgt Ion:330 Resp: 342727
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.6 117.8
 141 31.0 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 94.75 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion:172 Resp: 2013222
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.2
 170 24.8 20.1 30.1

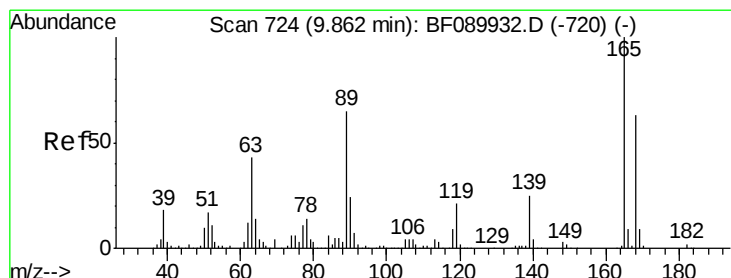
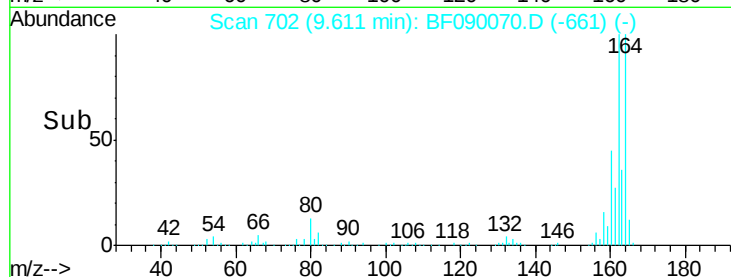
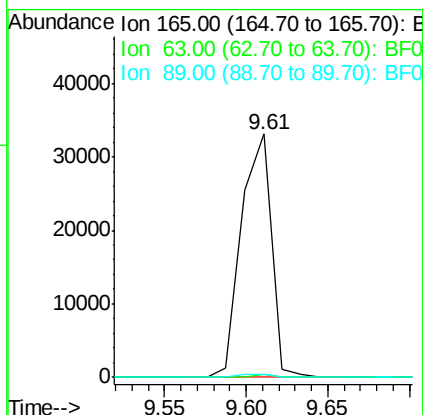
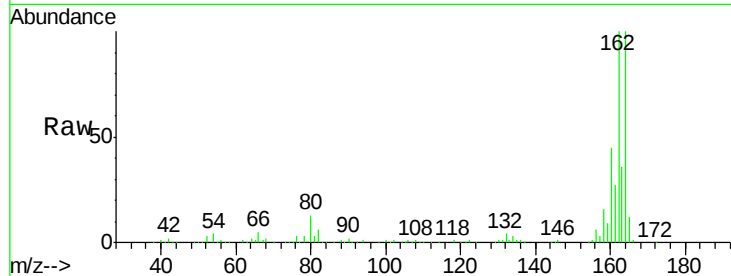




#50
 2,6-Dinitrotoluene
 Concen: 7.50 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

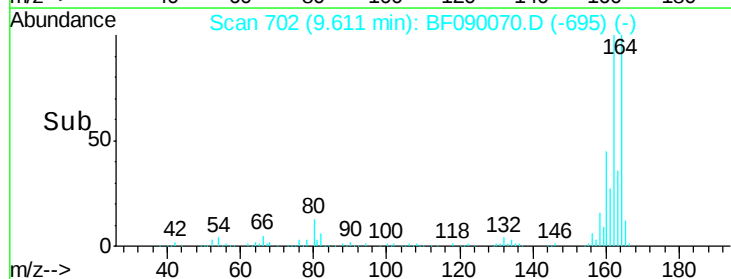
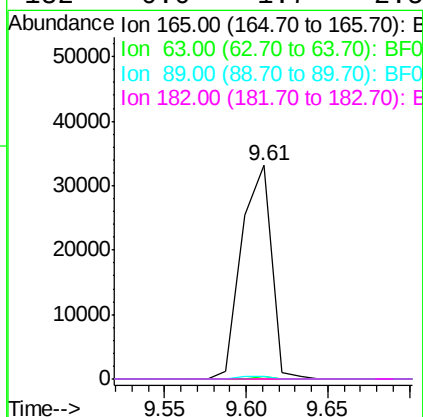
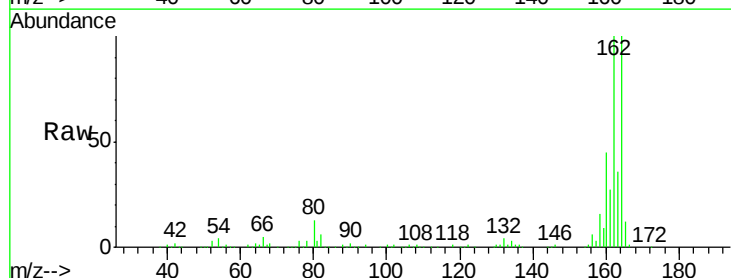
Instrument :
 BNA_F
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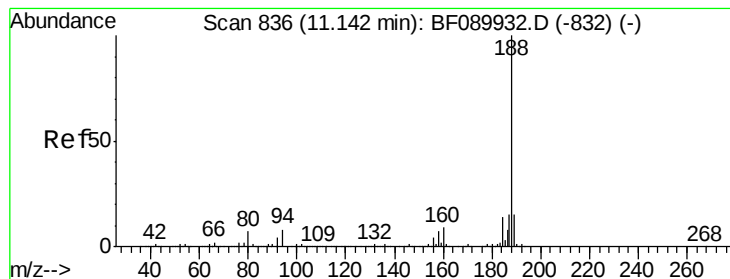
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	45.0	67.4#
89	1.3	41.5	62.3#



#56
 2,4-Dinitrotoluene
 Concen: 5.92 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.22 min
 Lab File: BF090070.D
 Acq: 12 Sep 2016 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

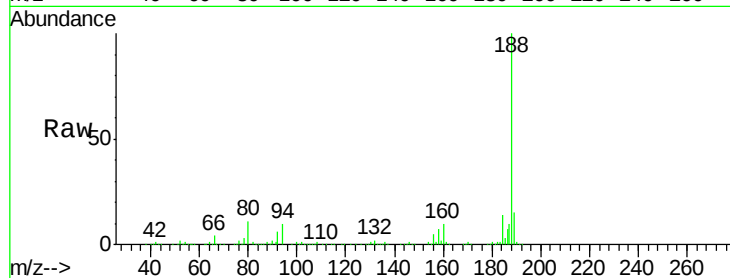
Tgt Ion:188 Resp: 584590

Ion Ratio Lower Upper

188 100

94 10.2 5.9 8.9#

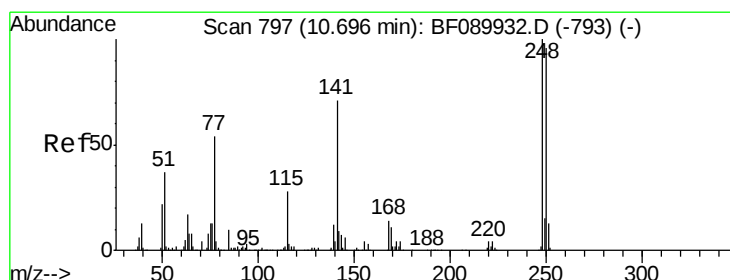
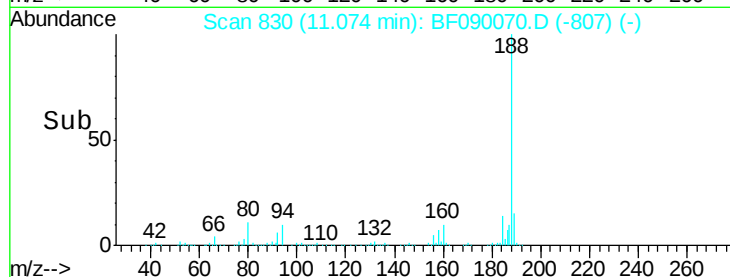
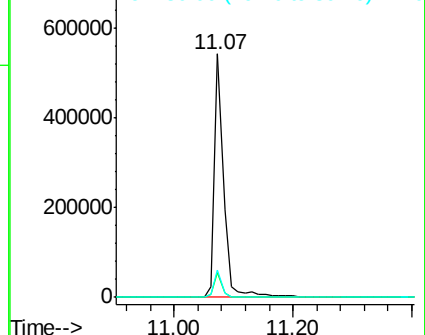
80 11.1 5.8 8.8#



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: 3.57 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.27 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

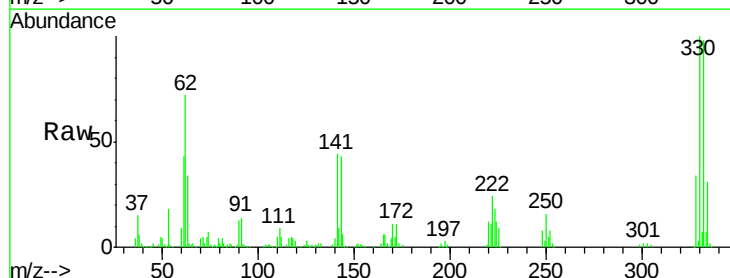
Tgt Ion:248 Resp: 21008

Ion Ratio Lower Upper

248 100

250 197.1 77.3 115.9#

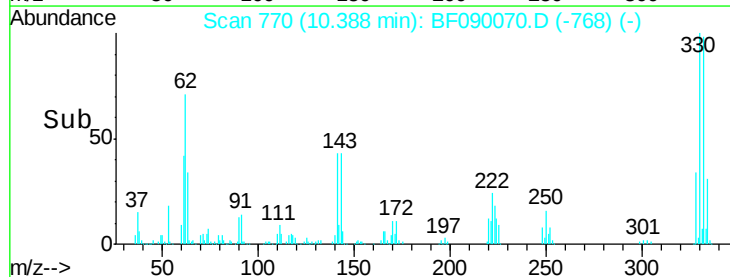
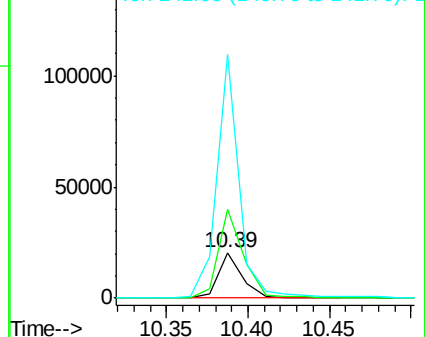
141 537.4 55.8 83.8#

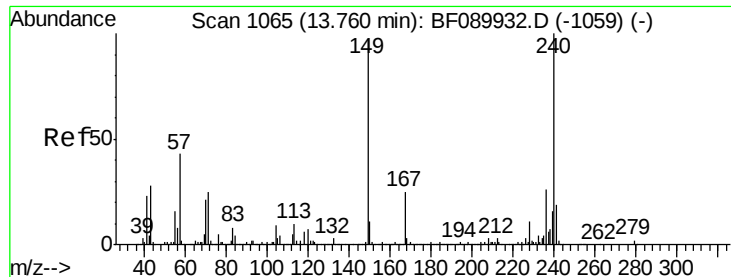


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

Instrument :

BNA_F

ClientSampleId :

PB93311BL

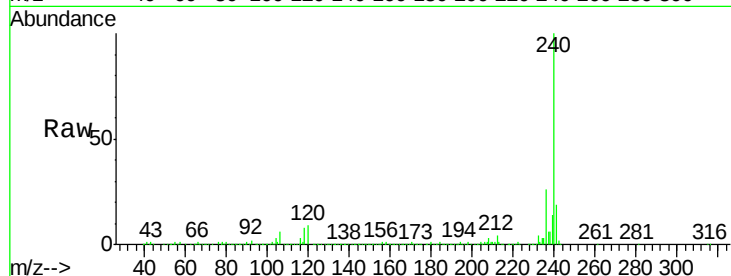
Tgt Ion:240 Resp: 514683

Ion Ratio Lower Upper

240 100

120 9.4 5.7 8.5#

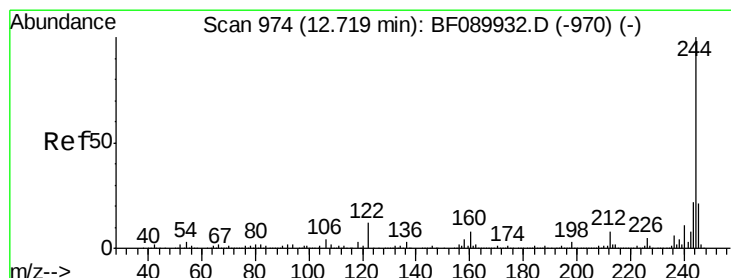
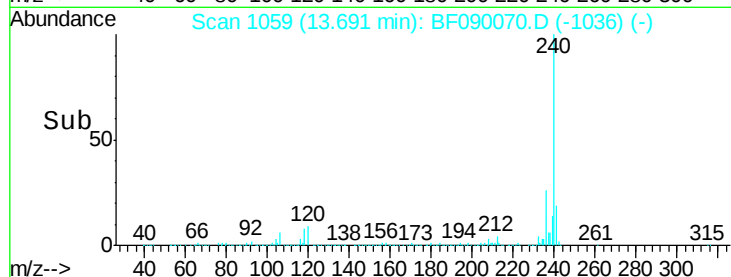
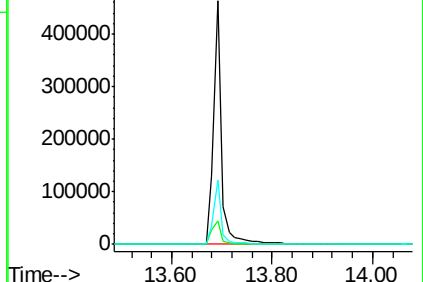
236 26.2 21.3 31.9



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: 74.50 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090070.D

Acq: 12 Sep 2016 18:25

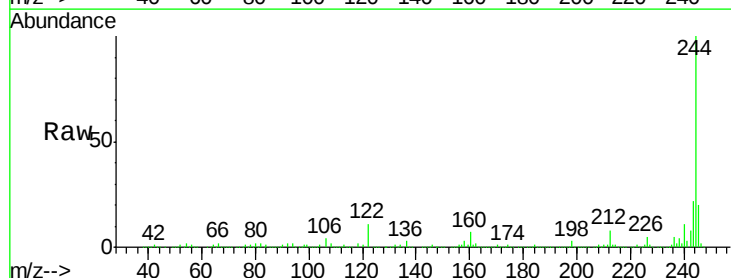
Tgt Ion:244 Resp: 1552166

Ion Ratio Lower Upper

244 100

212 7.5 6.1 9.1

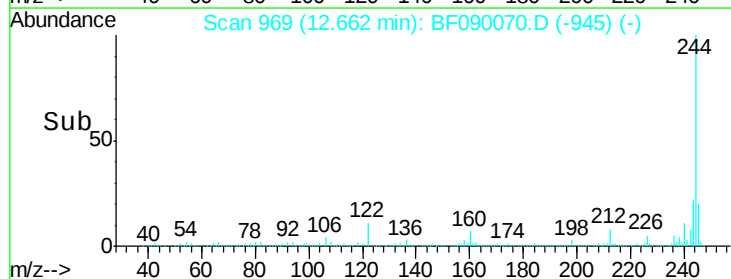
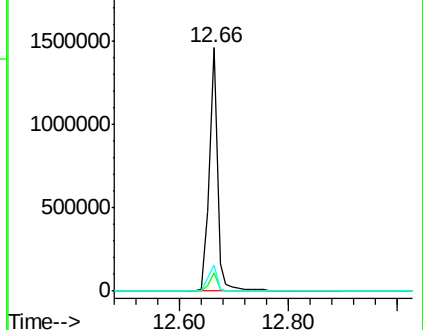
122 10.7 9.6 14.4

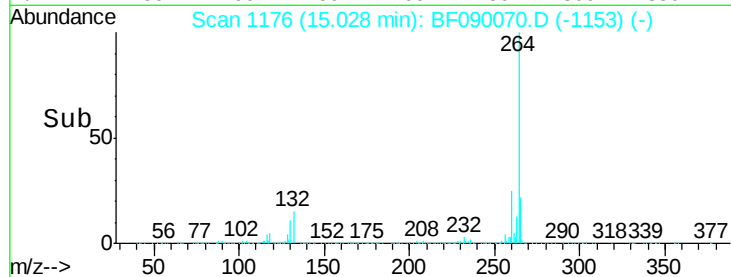
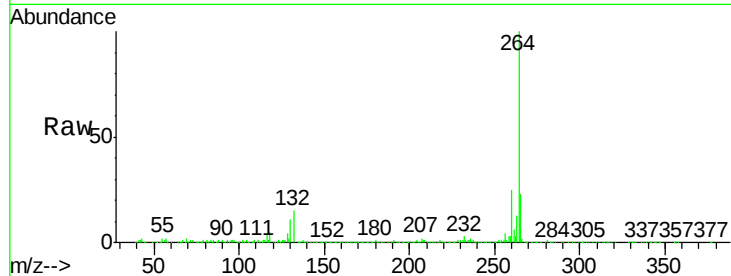
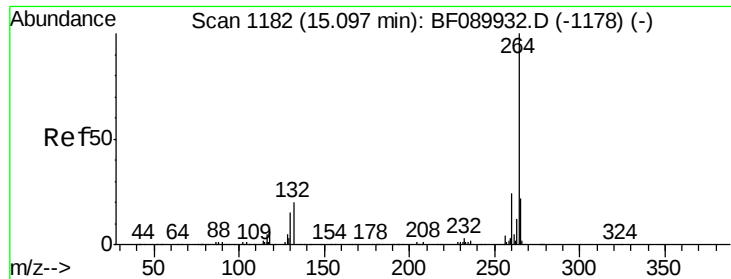


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.03 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF090070.D
Acq: 12 Sep 2016 18:25

Instrument :
BNA_F
ClientSampleId :
PB93311BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.4	29.0
265	22.6	17.4	26.2

