

Data Path : Z:\HPCHEM1\BNA F\Data\BF091216\
 Data File : BF090060.D
 Acq On : 12 Sep 2016 13:42
 Operator : UM/SJ
 Sample : PB93311BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 12 15:53:07 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 12 15:34:24 2016
 Response via : Initial Calibration

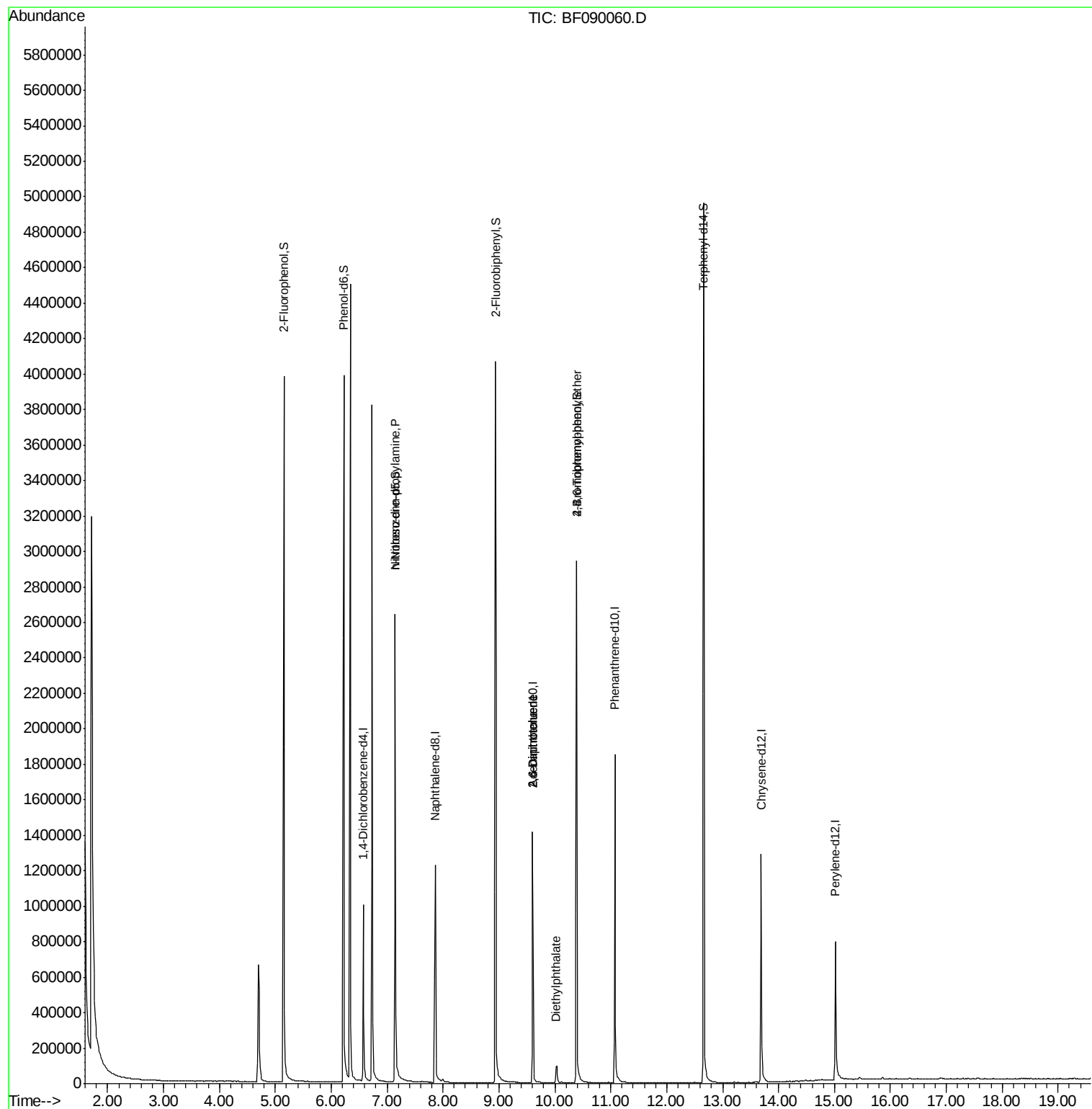
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	186492	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	772518	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	378439	20.00	ng	-0.01
63) Phenanthrene-d10	11.07	188	793635	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	671747	20.00	ng	0.00
86) Perylene-d12	15.02	264	454580	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1341536	115.14	ng	0.01
7) Phenol-d6	6.23	99	1804442	127.46	ng	0.00
23) Nitrobenzene-d5	7.14	82	1018125	76.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.39	330	414791	111.10	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1984985	86.10	ng	-0.01
78) Terphenyl-d14	12.66	244	1939447	71.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	132913	14.41	ng	# 84
50) 2,6-Dinitrotoluene	9.60	165	47539	7.81	ng	# 26
56) 2,4-Dinitrotoluene	9.60	165	47956	6.22	ng	# 29
59) Diethylphthalate	10.02	149	93748	3.64	ng	99
66) 4-Bromophenyl-phenylether	10.39	248	28268	3.54	ng	# 1

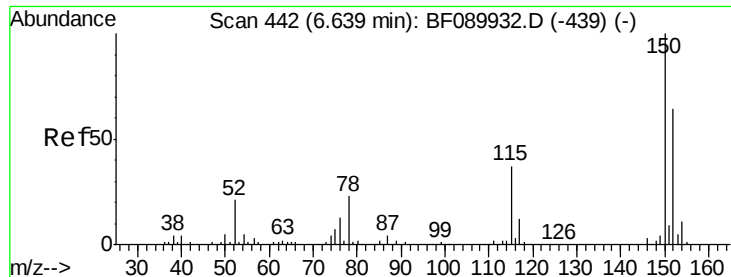
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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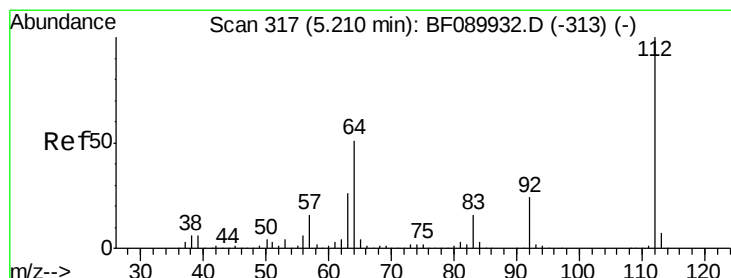
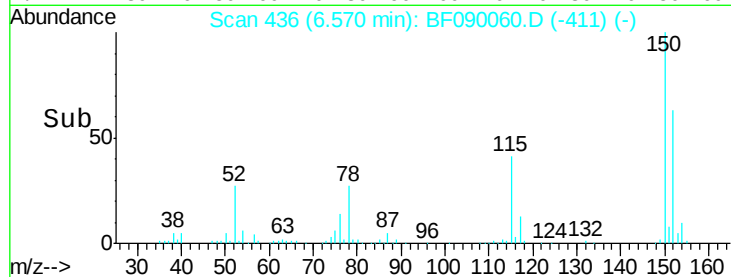
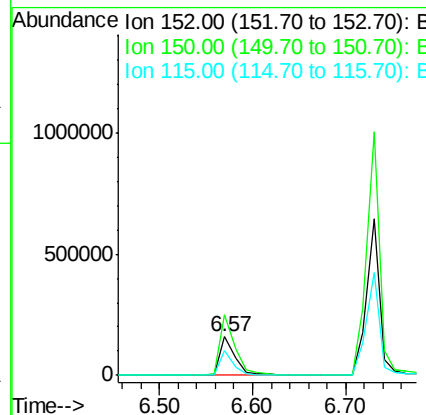
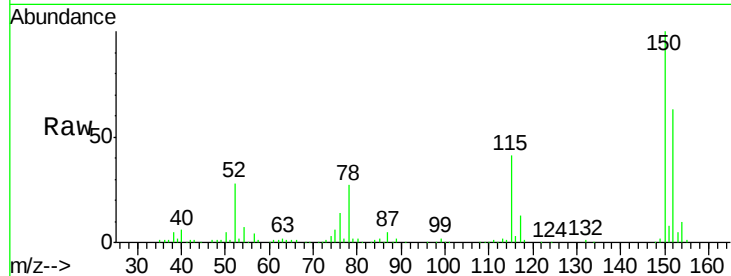


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.57 min Scan# 436
Delta R.T. -0.01 min
Lab File: BF090060.D
Acq: 12 Sep 2016 13:42

Instrument :
BNA_F
ClientSampled :

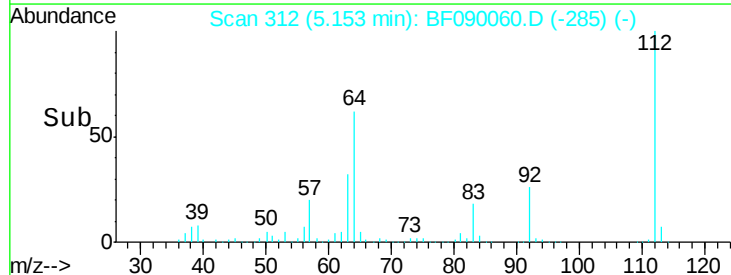
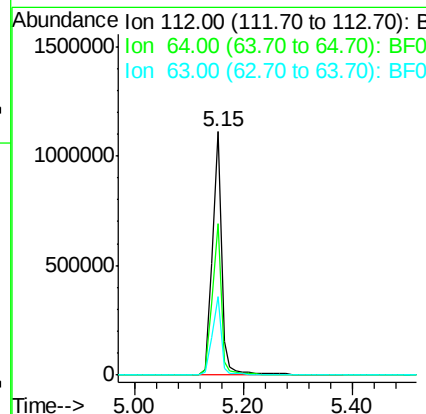
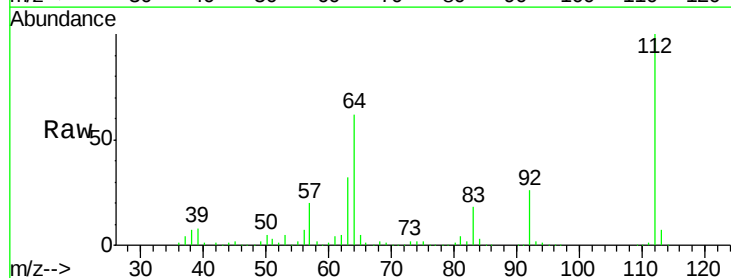
Tot Ion:152 Resp: 186492
Ion Ratio Lower Upper
152 100
150 158.0 127.4 191.2
115 64.2 46.3 69.5

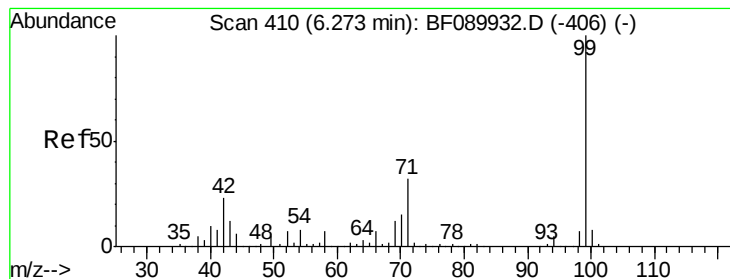


#5

2-Fluorophenol
Concen: 115.14 ng
RT: 5.15 min Scan# 312
Delta R.T. 0.01 min
Lab File: BF090060.D
Acq: 12 Sep 2016 13:42

Tgt Ion:112 Resp: 1341536
Ion Ratio Lower Upper
112 100
64 62.0 41.1 61.7#
63 32.1 21.2 31.8#





#7

Phenol-d6

Concen: 127.46 ng

RT: 6.23 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

Instrument :

BNA_F

ClientSampled :

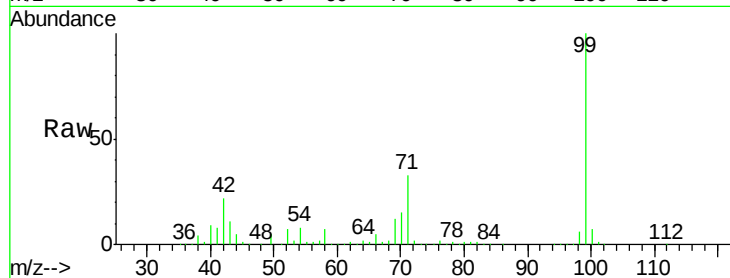
Tot Ion: 99 Resp: 1804442

Ion Ratio Lower Upper

99 100

42 21.9 18.6 27.8

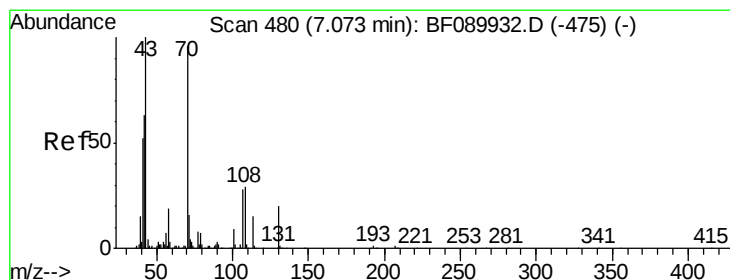
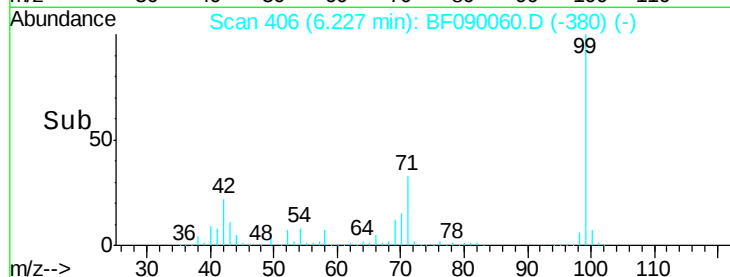
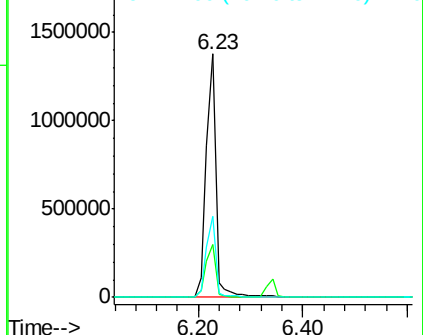
71 33.4 25.8 38.6



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: 14.41 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.13 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

Tgt Ion: 70 Resp: 132913

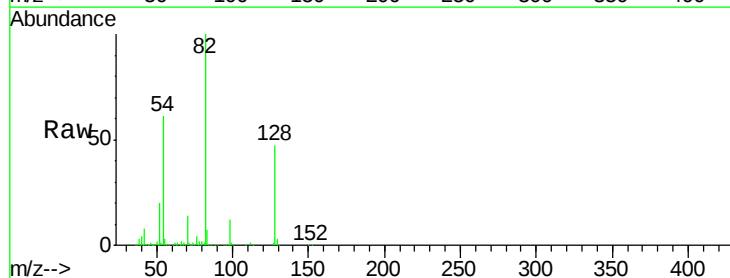
Ion Ratio Lower Upper

70 100

42 60.0 52.1 78.1

101 0.0 7.4 11.2#

130 2.1 17.0 25.4#

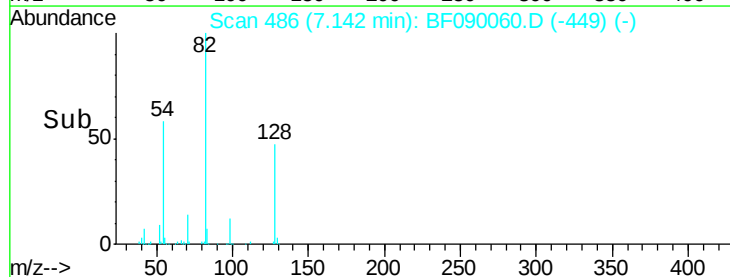
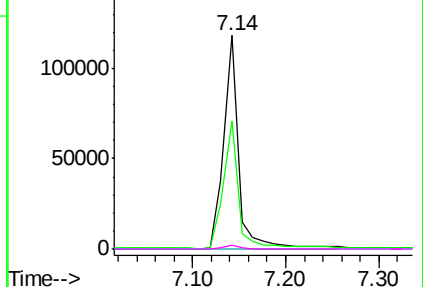


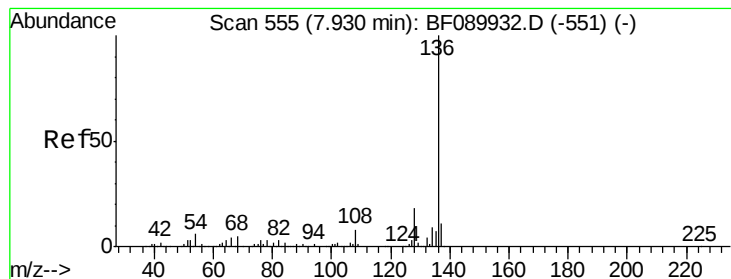
Abundance Ion 70.00 (69.70 to 70.70): BF0

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. 0.00 min

Lab File: BF090060.D

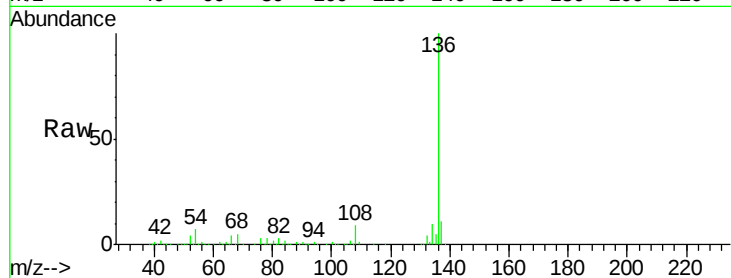
Acq: 12 Sep 2016 13:42

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	772518
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.3 12.5
54	7.3	4.8 7.2#
68	5.0	3.7 5.5

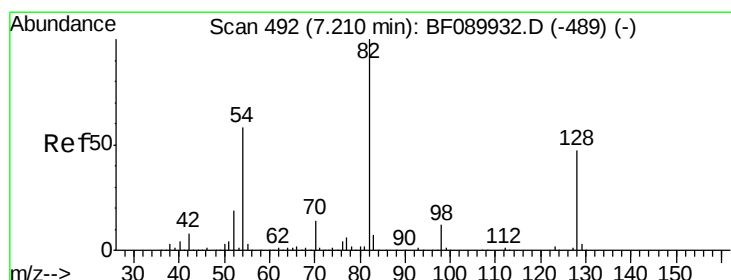
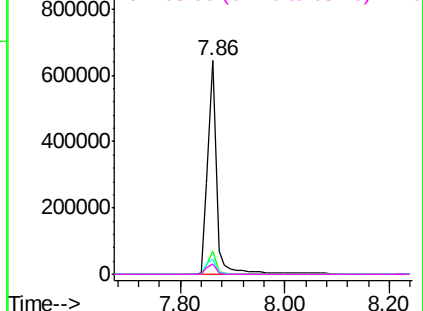
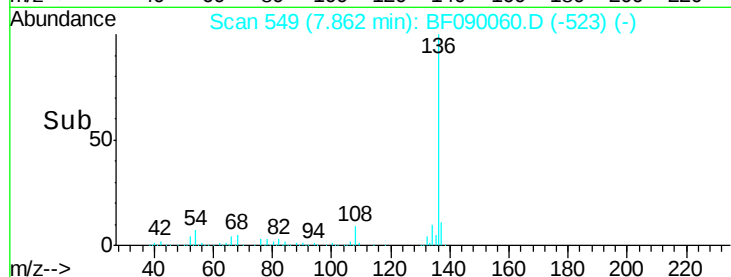


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.43 ng

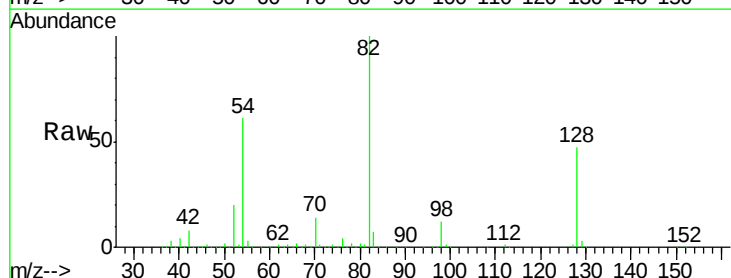
RT: 7.14 min Scan# 486

Delta R.T. -0.01 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

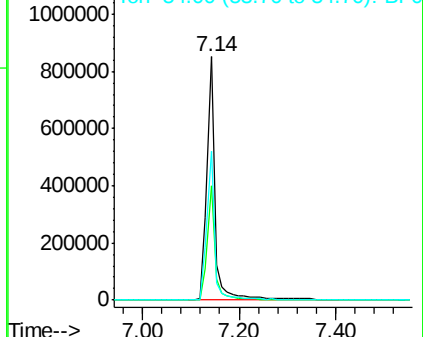
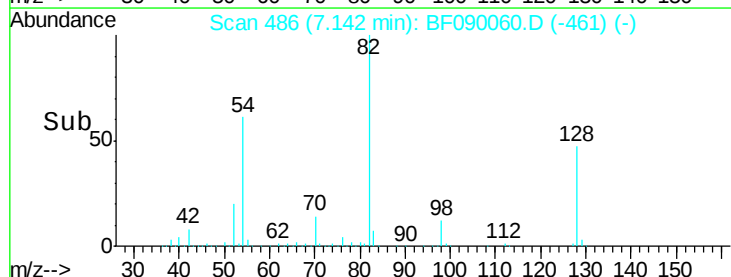
Tgt Ion: 82	Resp:	1018125
Ion Ratio	Lower	Upper
82	100	
128	47.0	37.8 56.8
54	61.1	46.9 70.3

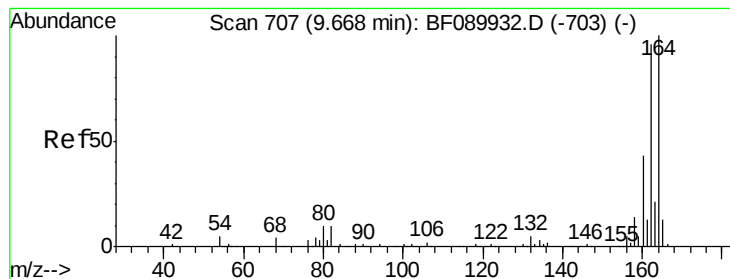


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.01 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

Instrument :

BNA_F

ClientSampleId :

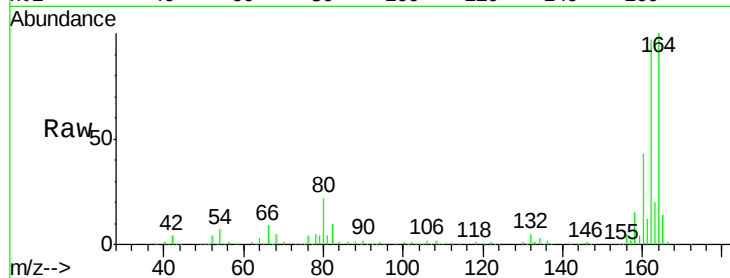
Tot Ion:164 Resp: 378439

Ion Ratio Lower Upper

164 100

162 96.7 77.1 115.7

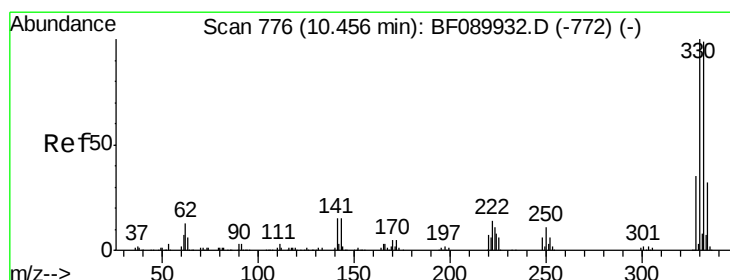
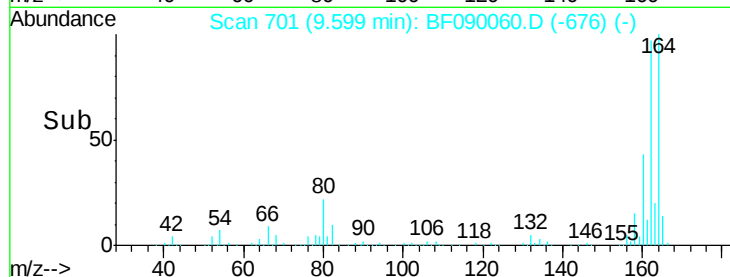
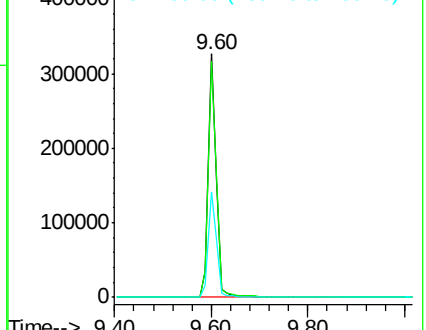
160 43.4 35.3 52.9



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: 111.10 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

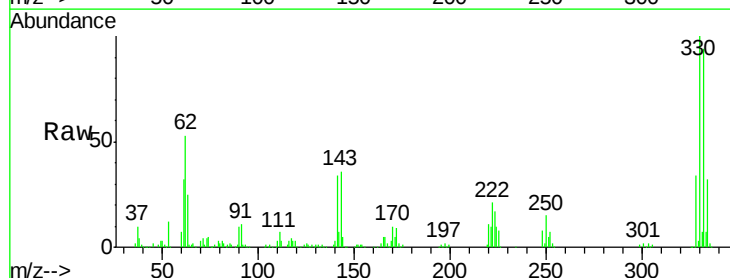
Tgt Ion:330 Resp: 414791

Ion Ratio Lower Upper

330 100

332 95.4 78.6 117.8

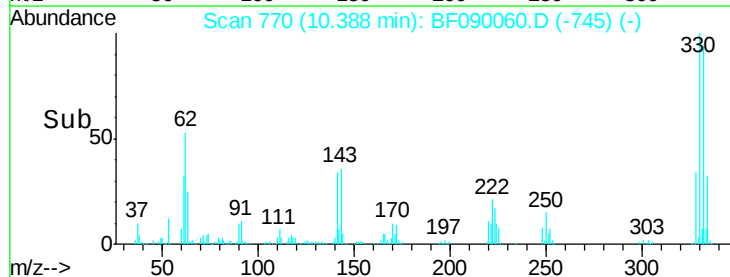
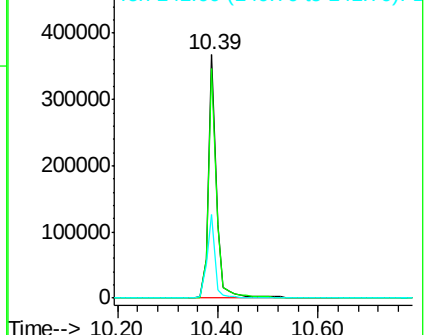
141 34.0 23.3 34.9

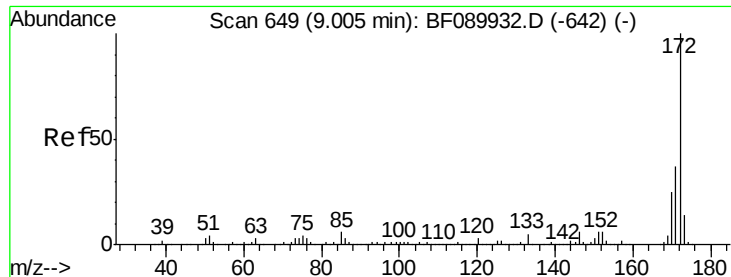


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

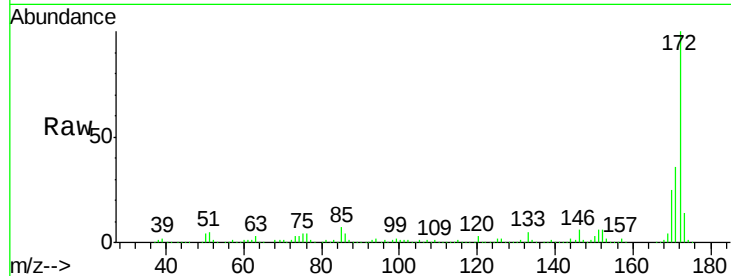




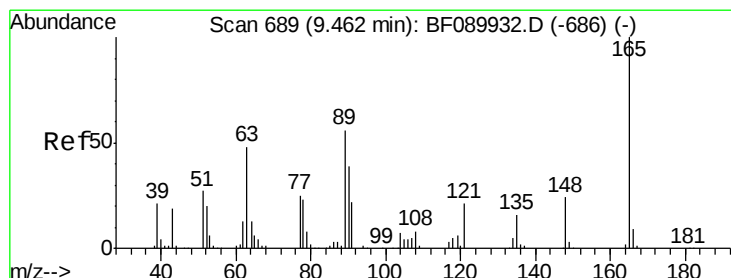
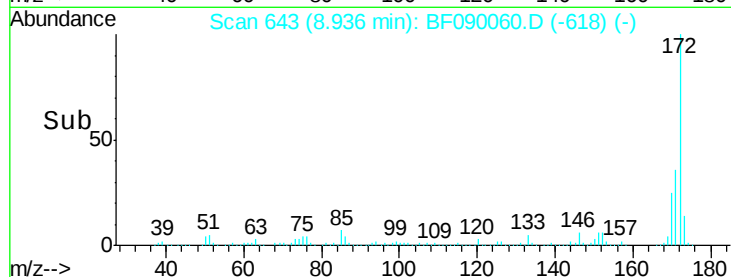
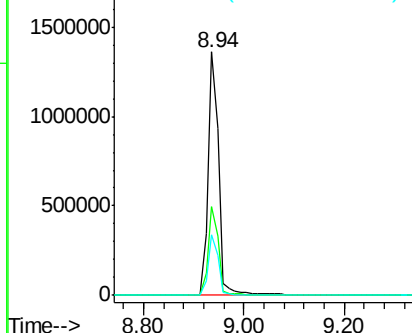
#44
 2-Fluorobiphenyl
 Concen: 86.10 ng
 RT: 8.94 min Scan# 643
 Delta R.T. -0.01 min
 Lab File: BF090060.D
 Acq: 12 Sep 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1984985
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.2
 170 24.7 20.1 30.1

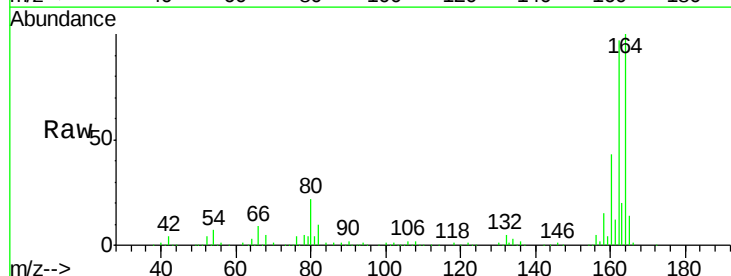


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

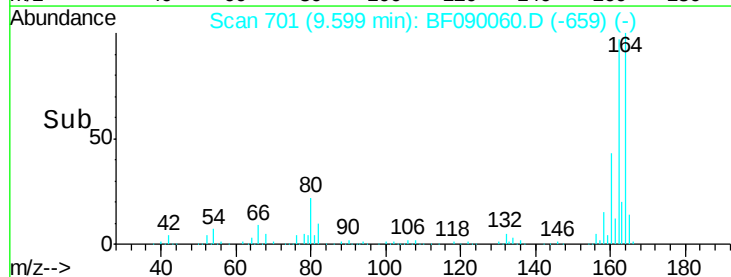
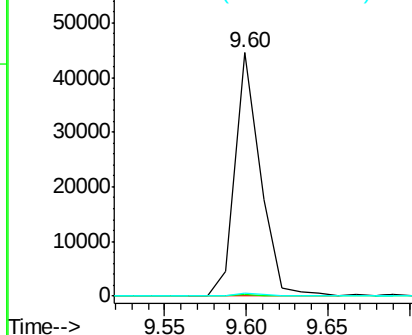


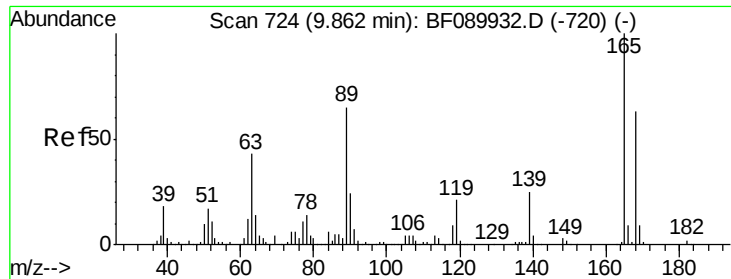
#50
 2,6-Dinitrotoluene
 Concen: 7.81 ng
 RT: 9.60 min Scan# 701
 Delta R.T. 0.18 min
 Lab File: BF090060.D
 Acq: 12 Sep 2016 13:42

Tgt Ion:165 Resp: 47539
 Ion Ratio Lower Upper
 165 100
 63 0.8 45.0 67.4#
 89 1.0 41.5 62.3#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

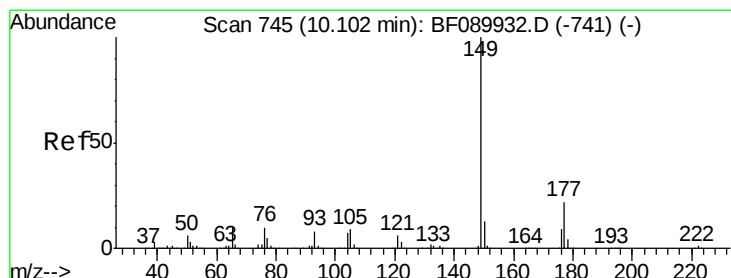
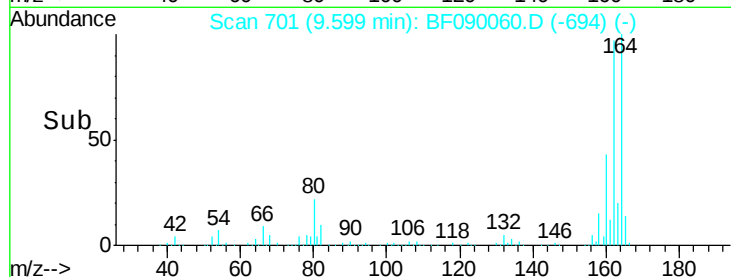
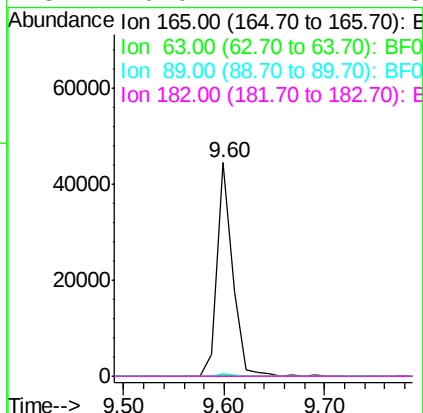
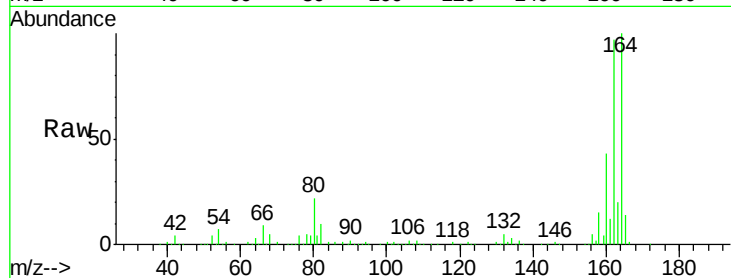




#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.60 min Scan# 701
 Delta R.T. -0.22 min
 Lab File: BF090060.D
 Acq: 12 Sep 2016 13:42

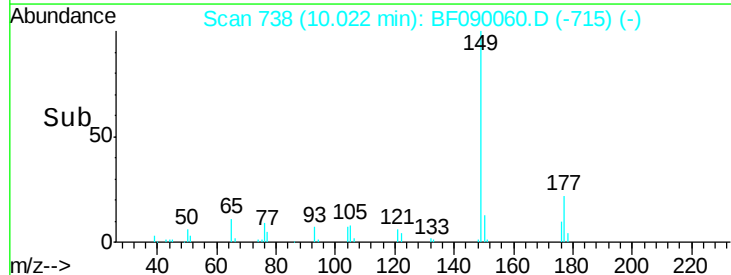
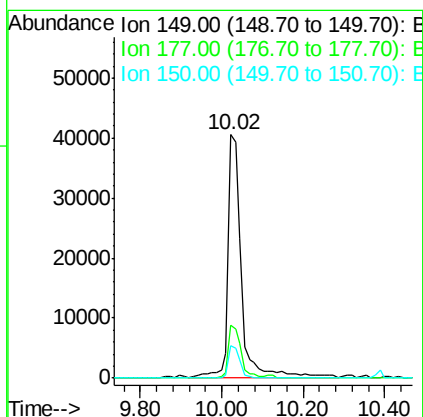
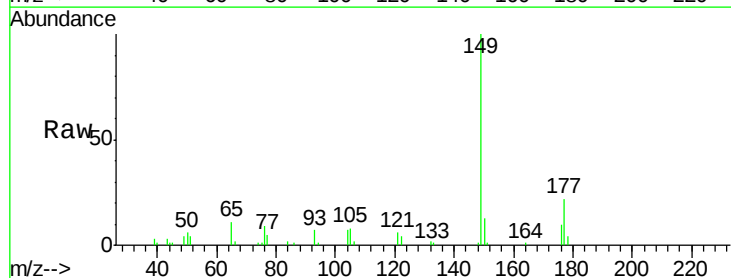
Instrument :
 BNA_F
 ClientSampleId :

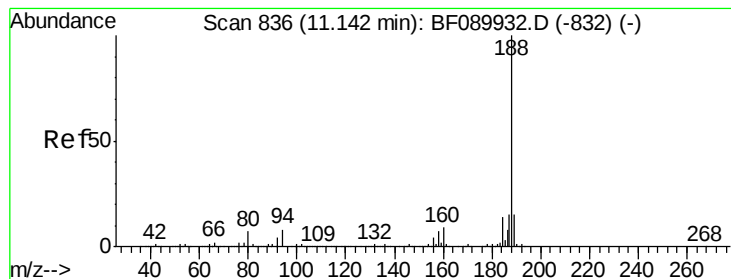
Tot Ion:165	Resp:	47956
Ion Ratio	Lower	Upper
165	100	
63	0.8	32.5 48.7#
89	1.0	48.3 72.5#
182	0.0	1.7 2.5#



#59
 Diethylphthalate
 Concen: 3.64 ng
 RT: 10.02 min Scan# 738
 Delta R.T. -0.03 min
 Lab File: BF090060.D
 Acq: 12 Sep 2016 13:42

Tgt Ion:149	Resp:	93748
Ion Ratio	Lower	Upper
149	100	
177	21.8	17.7 26.5
150	13.3	10.2 15.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

Instrument :

BNA_F

ClientSampleId :

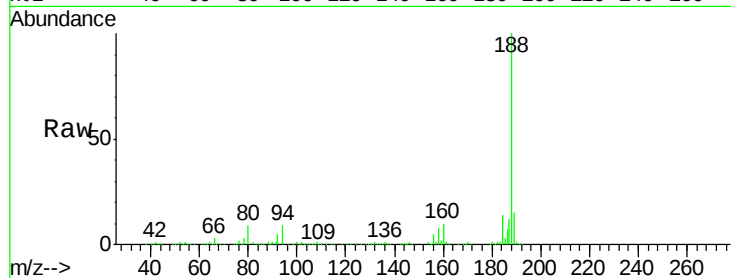
Tot Ion:188 Resp: 793635

Ion Ratio Lower Upper

188 100

94 8.9 5.9 8.9#

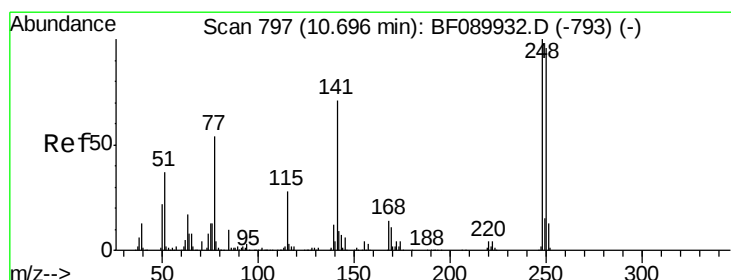
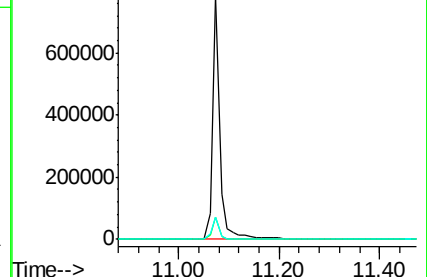
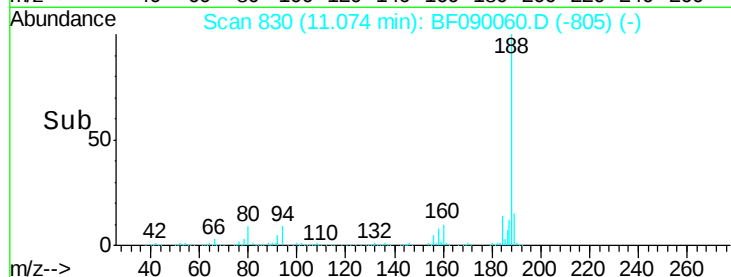
80 9.3 5.8 8.8#



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: 3.54 ng

RT: 10.39 min Scan# 770

Delta R.T. -0.25 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

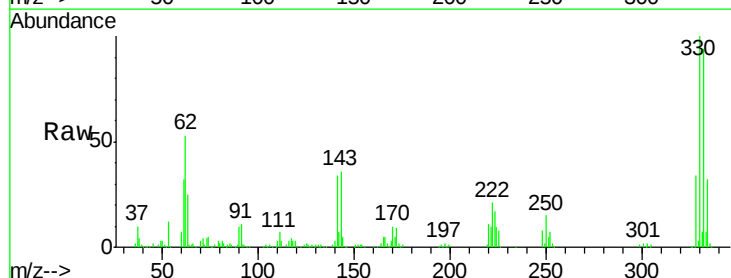
Tgt Ion:248 Resp: 28268

Ion Ratio Lower Upper

248 100

250 196.5 77.3 115.9#

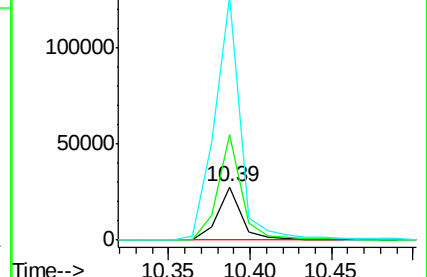
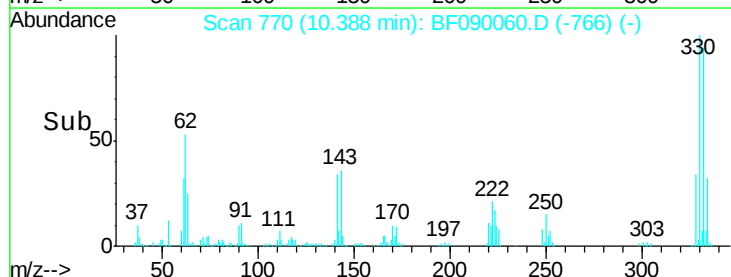
141 455.9 55.8 83.8#

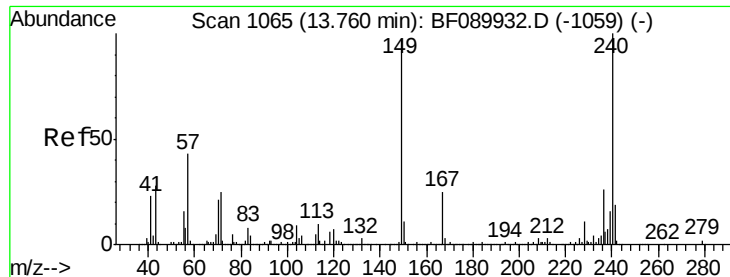


Abundance Ion 248.00 (247.70 to 248.70): E

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. 0.00 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

Instrument :

BNA_F

ClientSampleId :

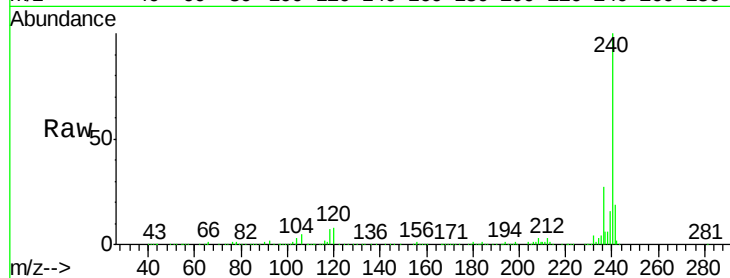
Tot Ion:240 Resp: 671747

Ion Ratio Lower Upper

240 100

120 8.4 5.7 8.5

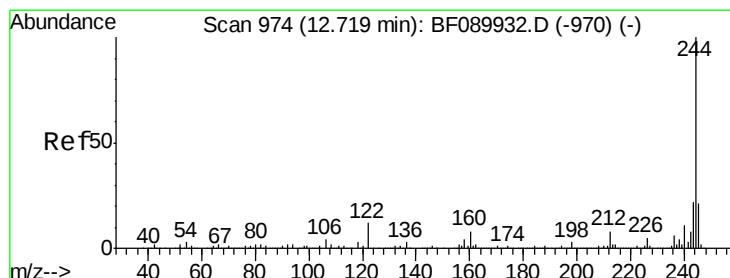
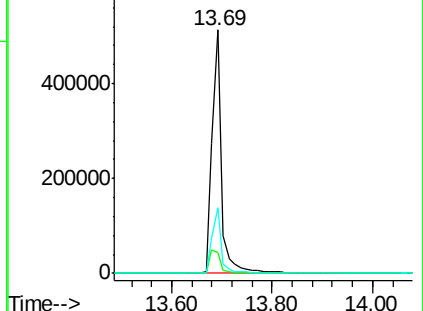
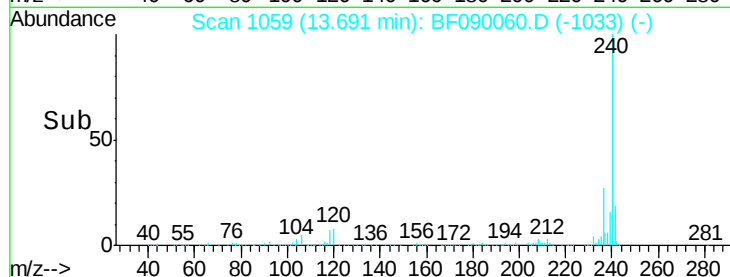
236 26.8 21.3 31.9



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: 71.32 ng

RT: 12.66 min Scan# 969

Delta R.T. 0.00 min

Lab File: BF090060.D

Acq: 12 Sep 2016 13:42

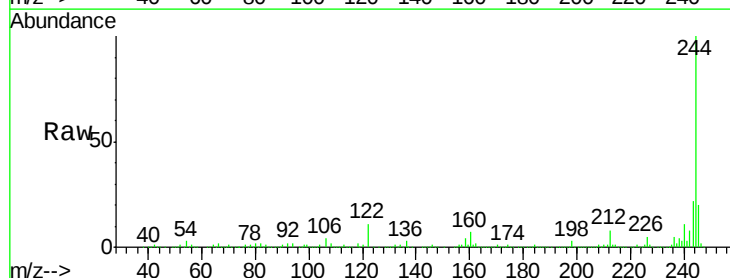
Tgt Ion:244 Resp: 1939447

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

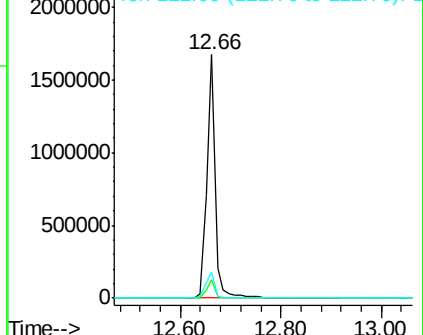
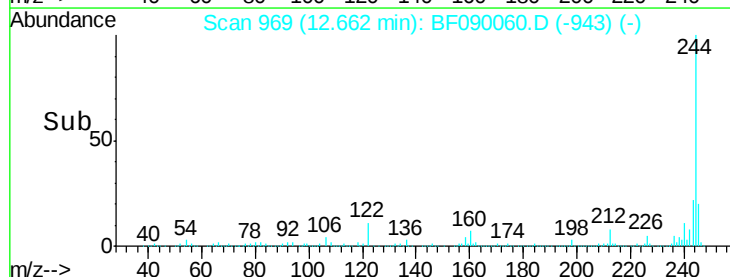
122 10.9 9.6 14.4

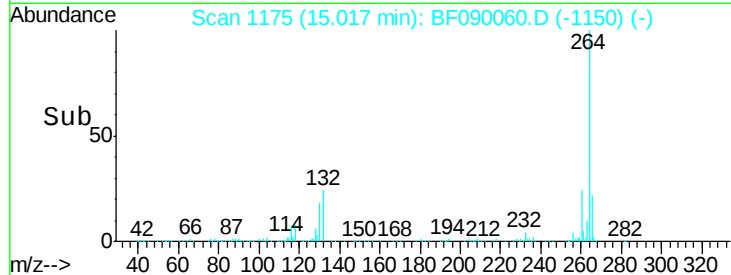
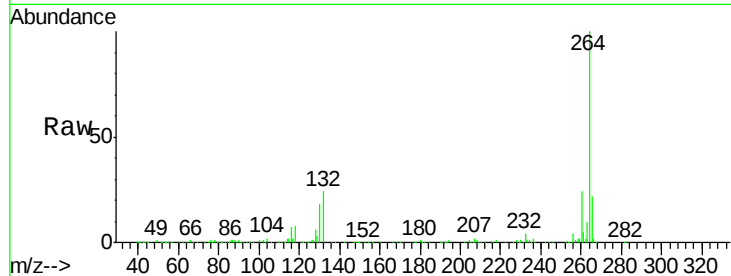
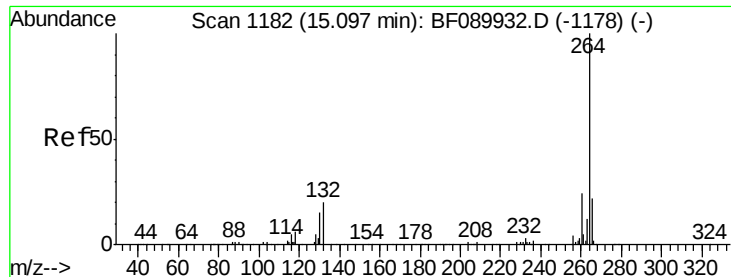


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF090060.D
 Acq: 12 Sep 2016 13:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	454580
Ion Ratio	Lower	Upper
264	100	
260	24.0	19.4 29.0
265	22.0	17.4 26.2

