

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091216\
 Data File : BF090071.D
 Acq On : 12 Sep 2016 18:53
 Operator : UM/SJ
 Sample : PB93335BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

Quant Time: Sep 13 02:42:46 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

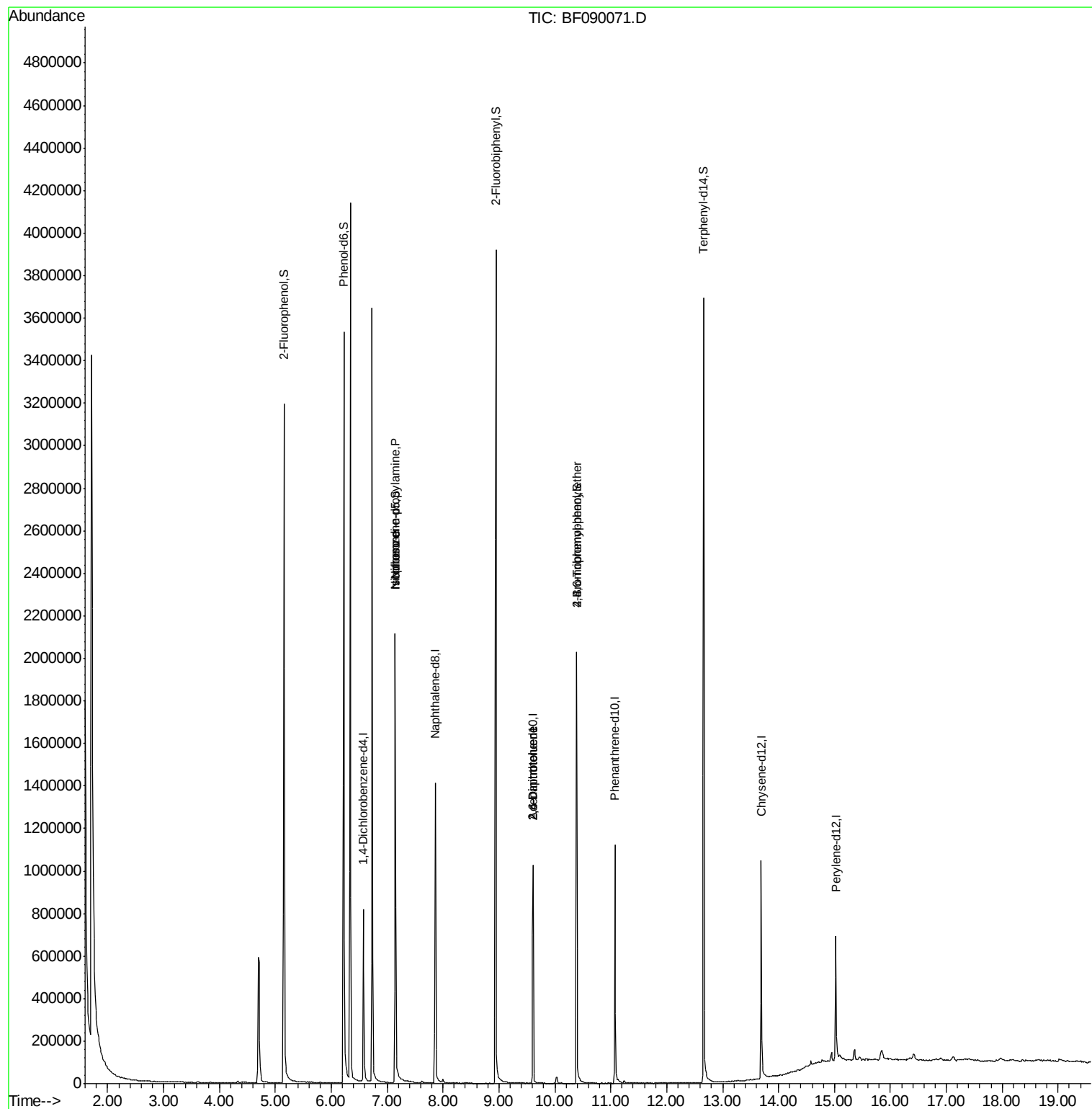
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	176813	20.00	ng	-0.03
21) Naphthalene-d8	7.86	136	681490	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	289737	20.00	ng	-0.02
63) Phenanthrene-d10	11.07	188	495953	20.00	ng	-0.03
75) Chrysene-d12	13.69	240	453568	20.00	ng	-0.03
86) Perylene-d12	15.03	264	320032	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	1320067	119.50	ng	-0.01
7) Phenol-d6	6.23	99	1458893	108.69	ng	-0.02
23) Nitrobenzene-d5	7.14	82	869615	74.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.39	330	280972	98.29	ng	-0.03
44) 2-Fluorobiphenyl	8.95	172	1764008	99.94	ng	-0.02
78) Terphenyl-d14	12.66	244	1387800	75.58	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.14	70	112254	12.83	ng	# 85
25) Isophorone	7.14	82	765379	32.03	ng	# 65
50) 2,6-Dinitrotoluene	9.61	165	35392	7.60	ng	# 26
56) 2,4-Dinitrotoluene	9.61	165	35392	5.99	ng	# 29
66) 4-Bromophenyl-phenylether	10.39	248	18118	3.63	ng	# 1

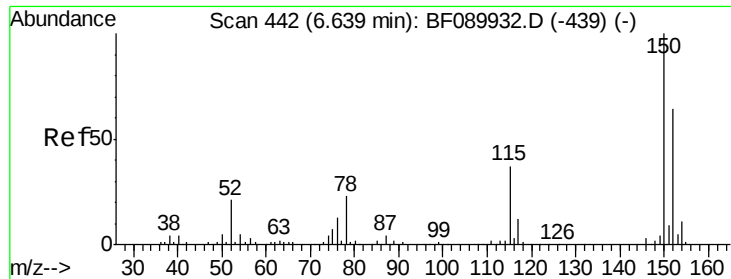
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 436

Delta R.T. -0.03 min

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PB93335BL

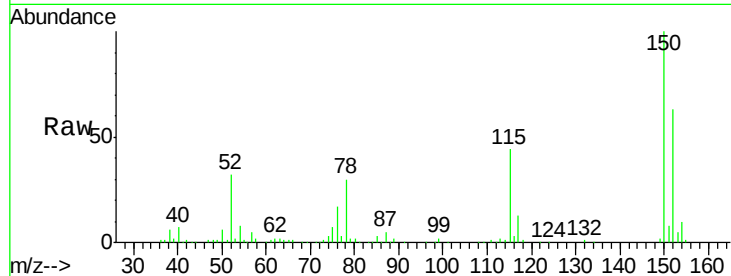
Tgt Ion:152 Resp: 176813

Ion Ratio Lower Upper

152 100

150 158.0 127.4 191.2

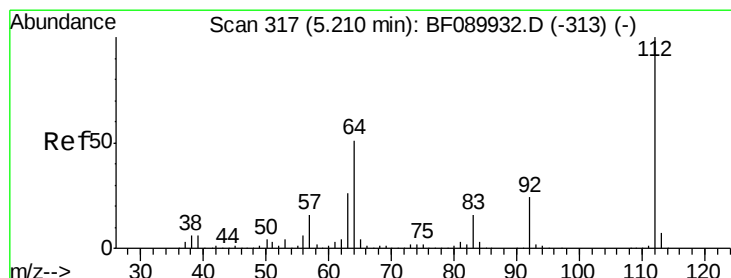
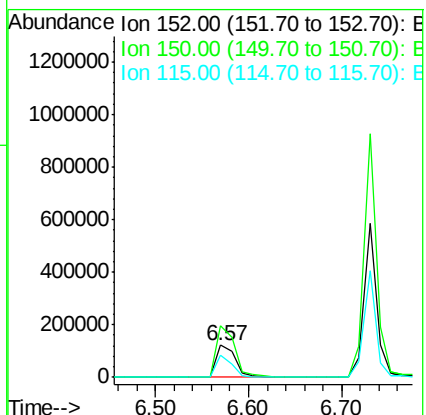
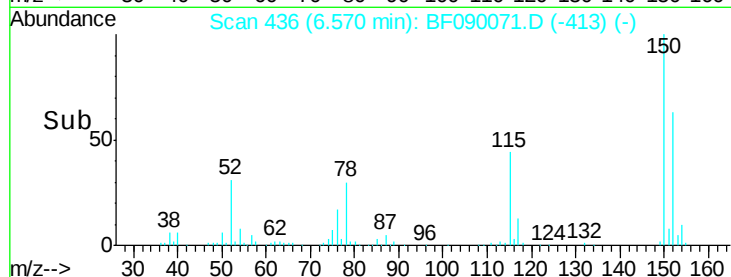
115 69.4 46.3 69.5



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: 119.50 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

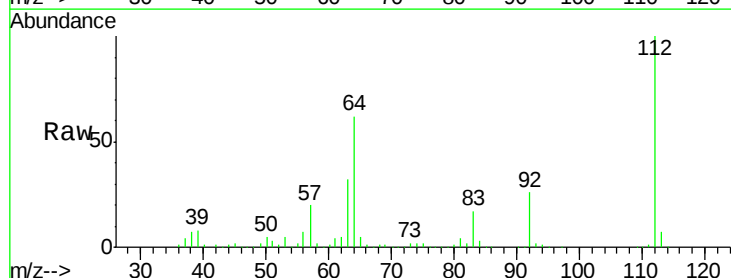
Tgt Ion:112 Resp: 1320067

Ion Ratio Lower Upper

112 100

64 61.8 41.1 61.7#

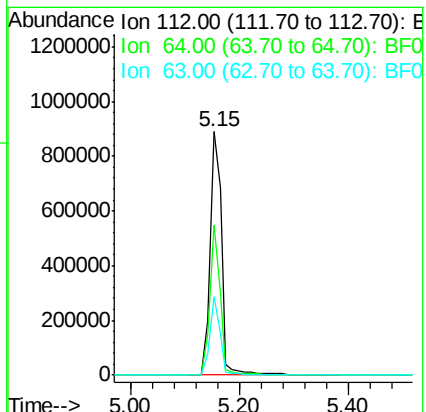
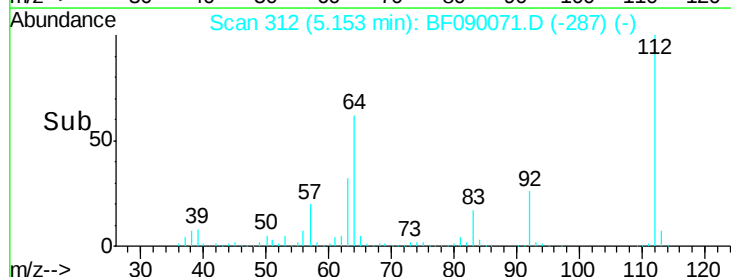
63 32.4 21.2 31.8#

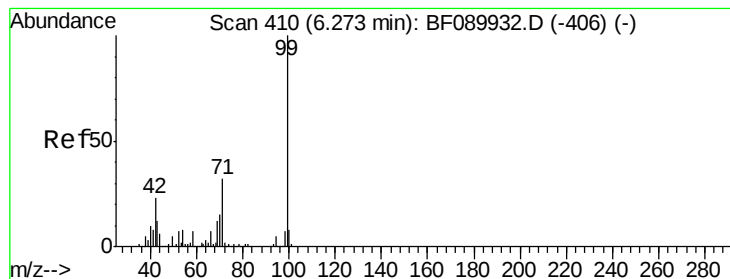


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.69 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

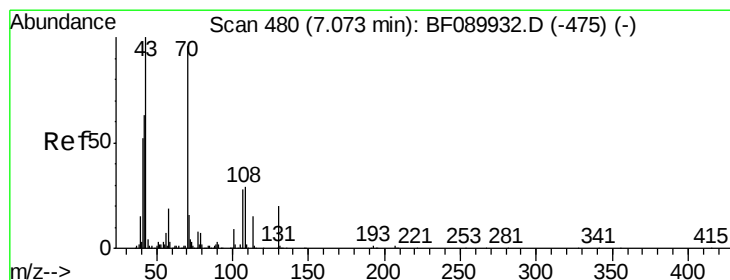
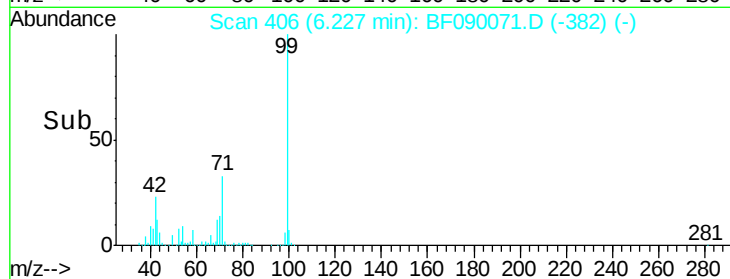
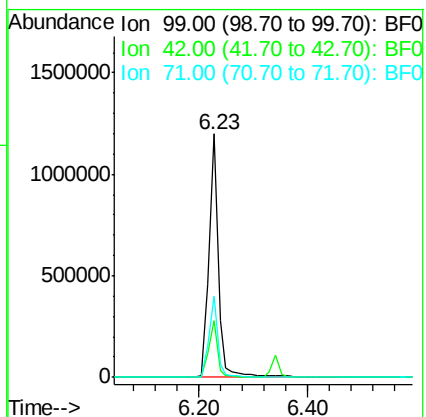
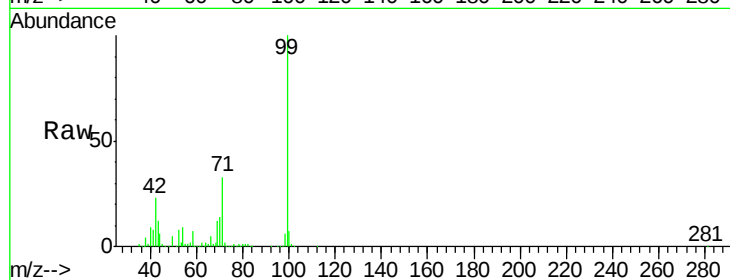
Tgt Ion: 99 Resp: 1458893

Ion Ratio Lower Upper

99 100

42 23.3 18.6 27.8

71 33.2 25.8 38.6



#19

n-Nitroso-di-n-propylamine

Concen: 12.83 ng

RT: 7.14 min Scan# 486

Delta R.T. 0.10 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Tgt Ion: 70 Resp: 112254

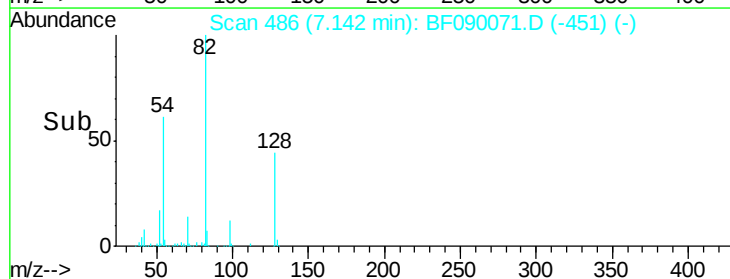
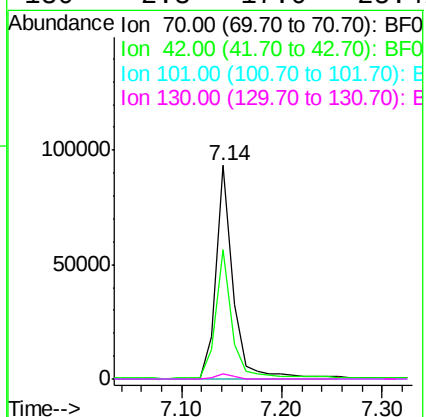
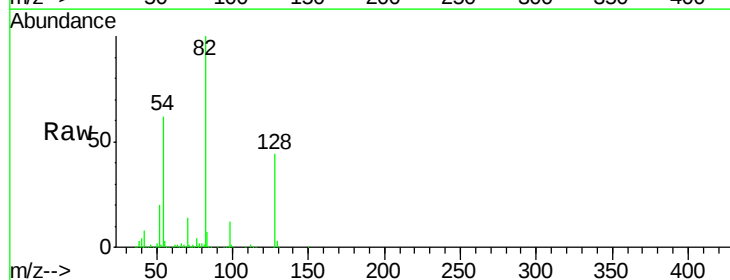
Ion Ratio Lower Upper

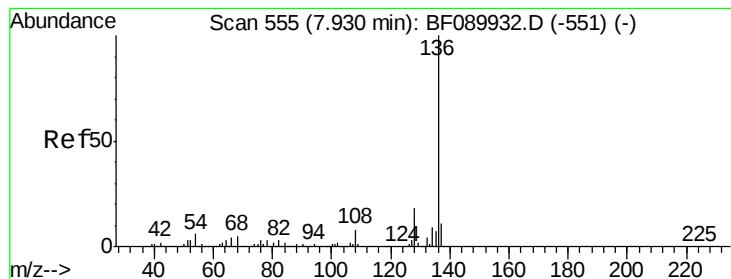
70 100

42 60.8 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: 7.86 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

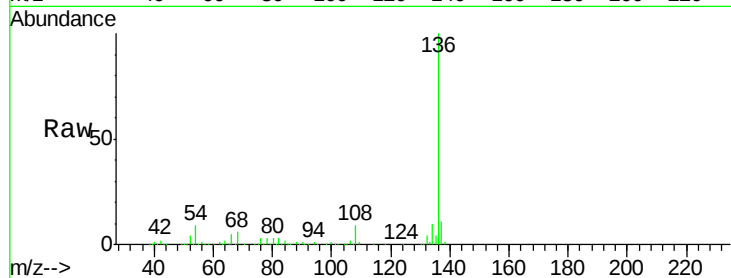
Instrument :

BNA_F

ClientSampleId :

PB93335BL

Tgt Ion:	136	Resp:	681490
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	8.6	4.8	7.2#
68	6.0	3.7	5.5#

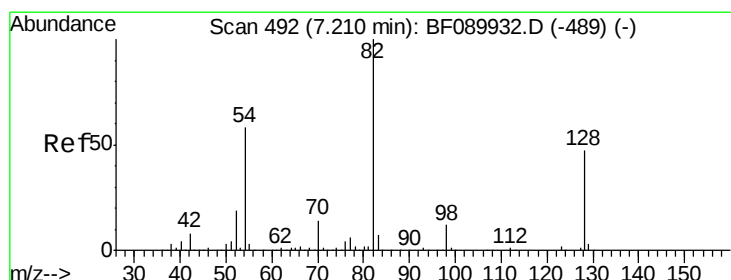
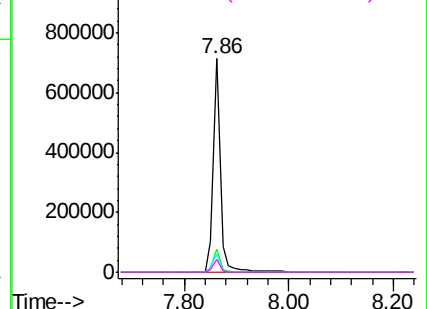
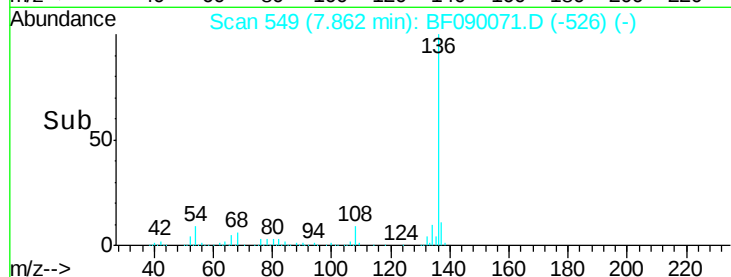


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.01 ng

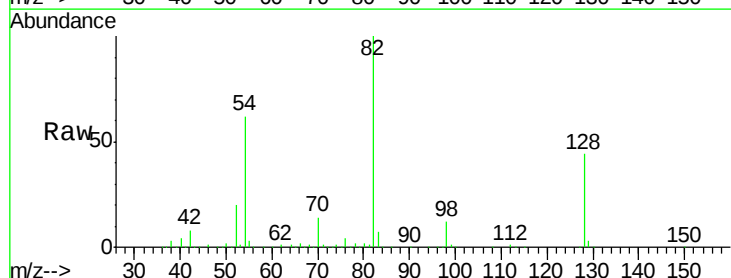
RT: 7.14 min Scan# 486

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

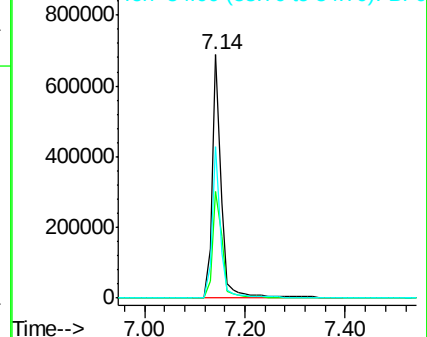
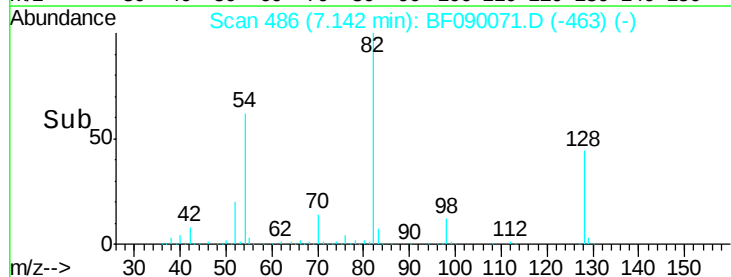
Tgt Ion:	82	Resp:	869615
Ion	Ratio	Lower	Upper
82	100		
128	43.7	37.8	56.8
54	62.1	46.9	70.3

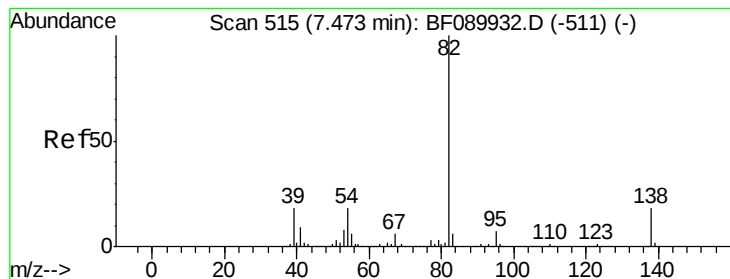


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 32.03 ng

RT: 7.14 min Scan# 486

Delta R.T. -0.30 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

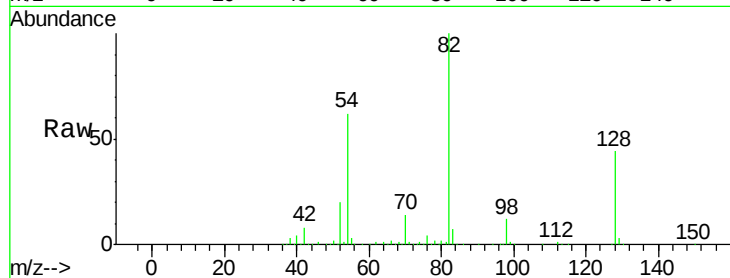
Tgt Ion: 82 Resp: 765379

Ion Ratio Lower Upper

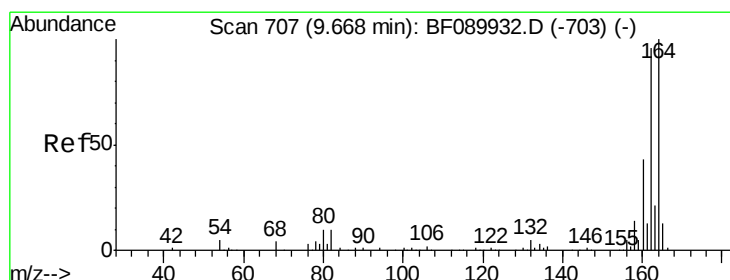
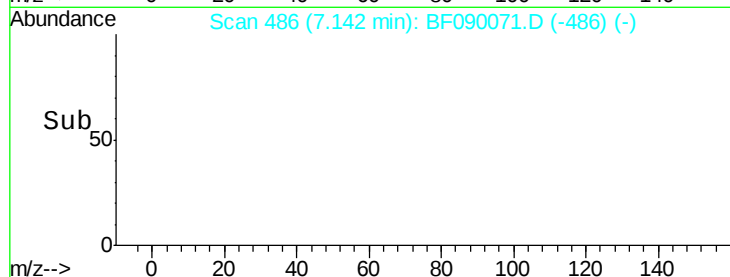
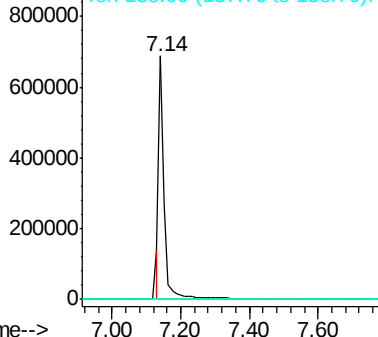
82 100

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: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

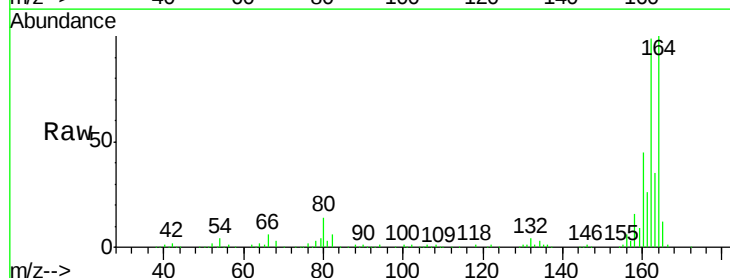
Tgt Ion: 164 Resp: 289737

Ion Ratio Lower Upper

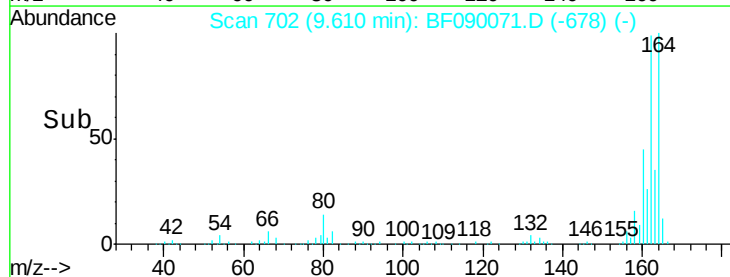
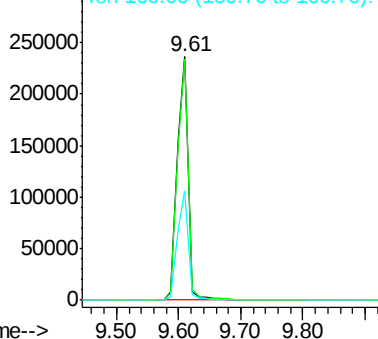
164 100

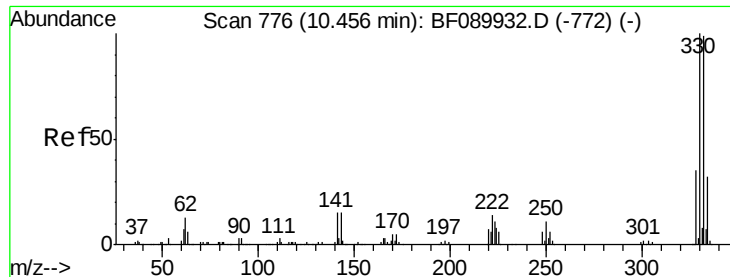
162 99.2 77.1 115.7

160 44.9 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

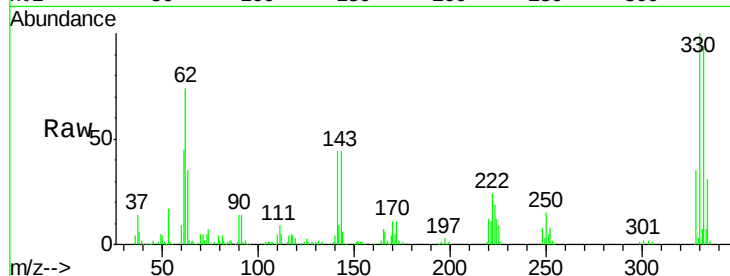




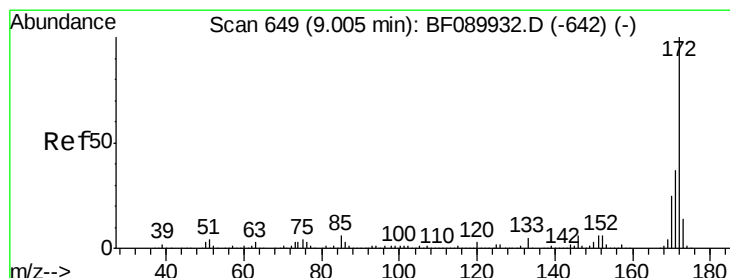
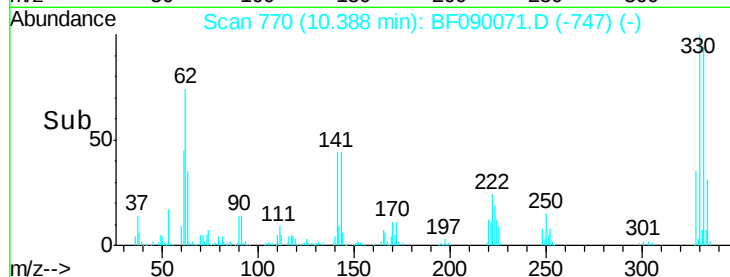
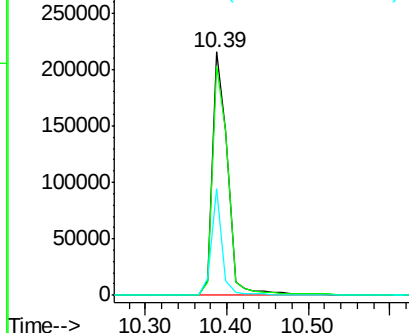
#41
 2,4,6-Tribromophenol
 Concen: 98.29 ng
 RT: 10.39 min Scan# 770
 Delta R.T. -0.03 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

Tgt Ion:330 Resp: 280972
 Ion Ratio Lower Upper
 330 100
 332 97.5 78.6 117.8
 141 32.9 23.3 34.9

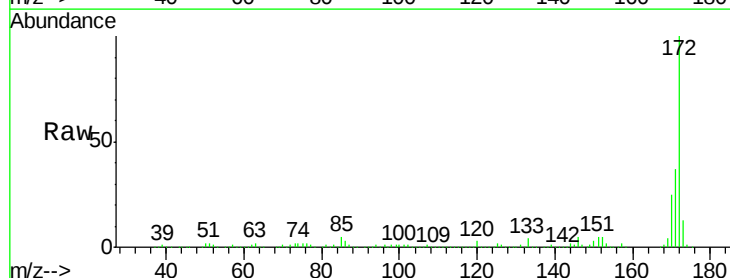


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

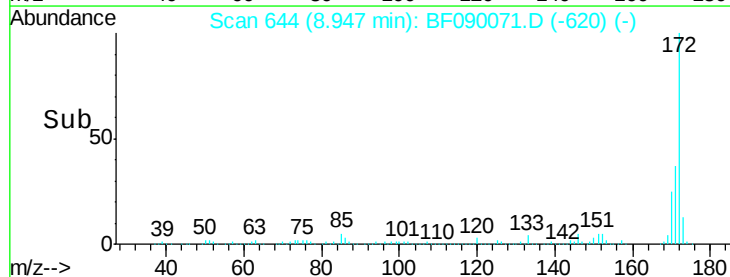
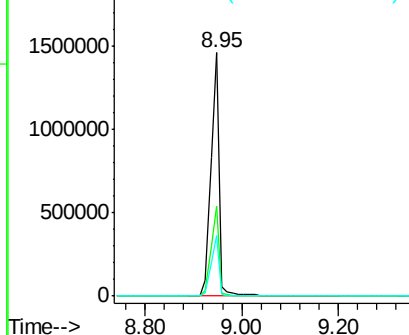


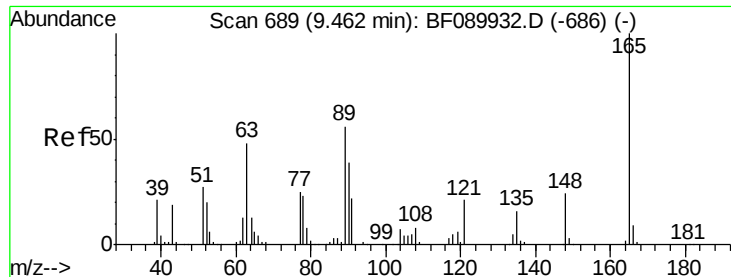
#44
 2-Fluorobiphenyl
 Concen: 99.94 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Tgt Ion:172 Resp: 1764008
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.2
 170 25.0 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

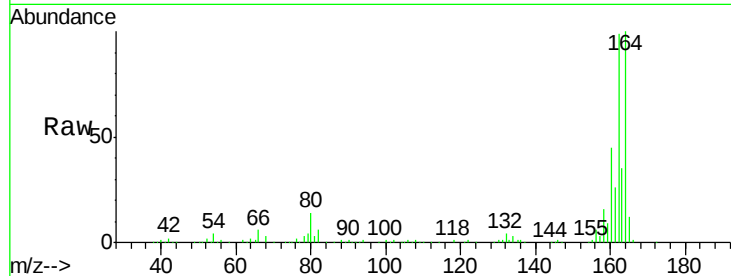




#50
 2,6-Dinitrotoluene
 Concen: 7.60 ng
 RT: 9.61 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

Instrument :
 BNA_F
 ClientSampleId :
 PB93335BL

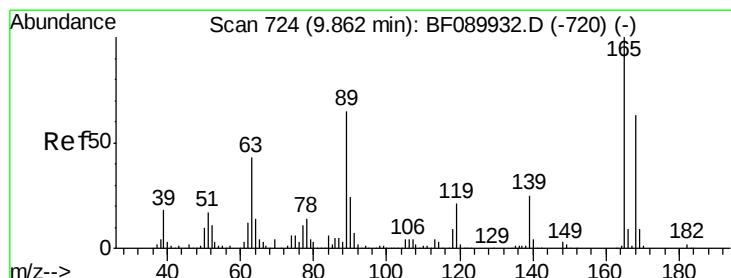
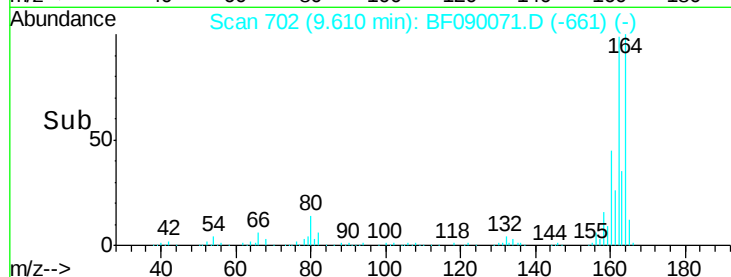
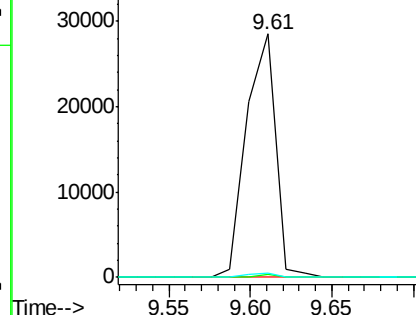
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	45.0	67.4#
89	1.6	41.5	62.3#



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: 5.99 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.22 min
 Lab File: BF090071.D
 Acq: 12 Sep 2016 18:53

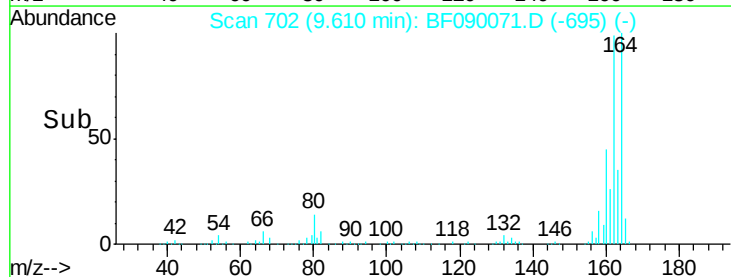
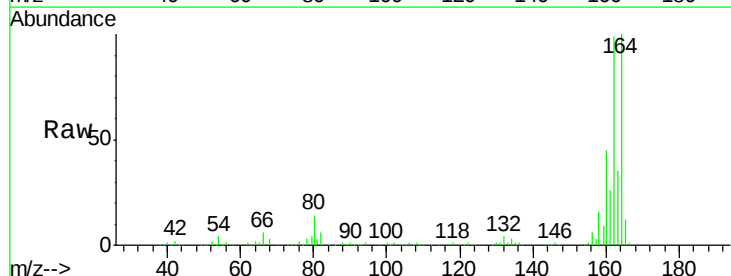
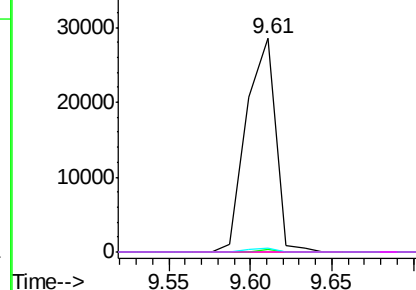
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.6	48.3	72.5#
182	0.0	1.7	2.5#

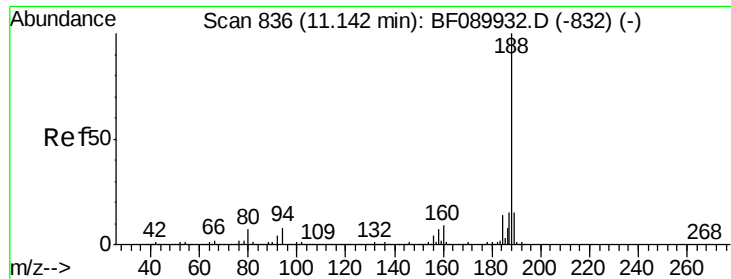
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

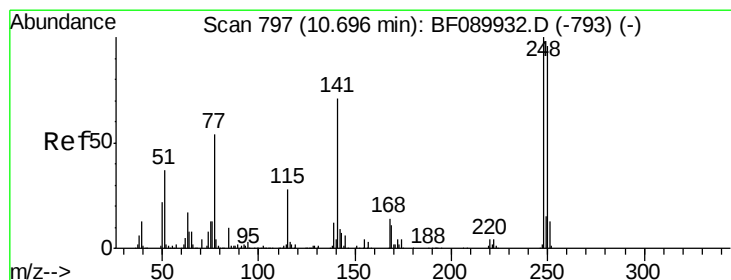
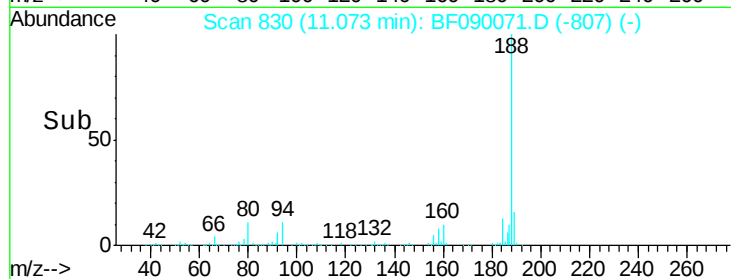
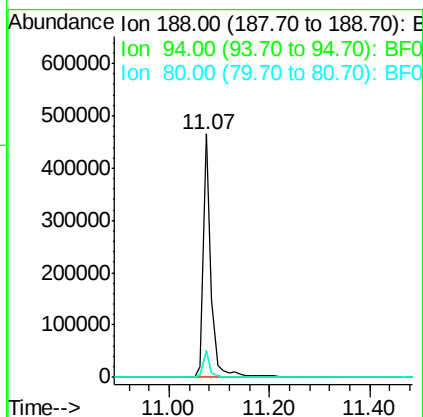
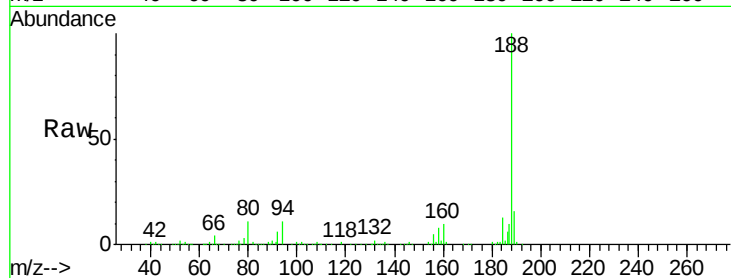




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.07 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF090071.D
Acq: 12 Sep 2016 18:53

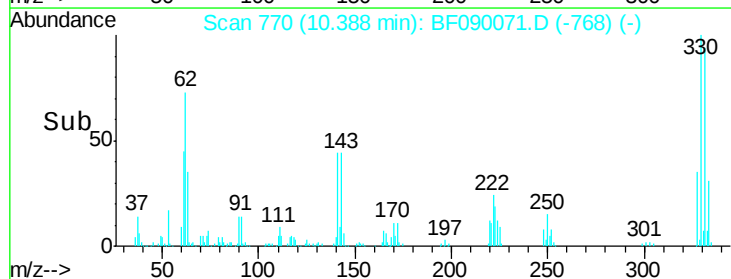
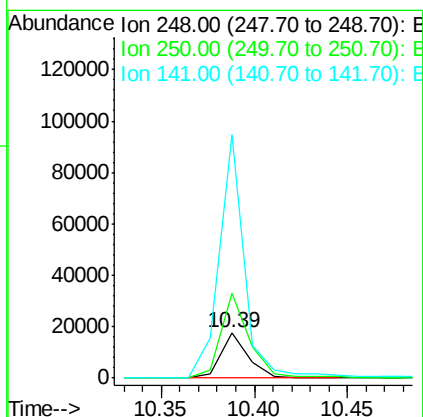
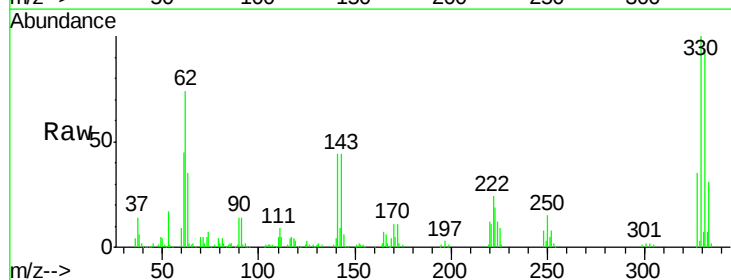
Instrument :
BNA_F
ClientSampleId :
PB93335BL

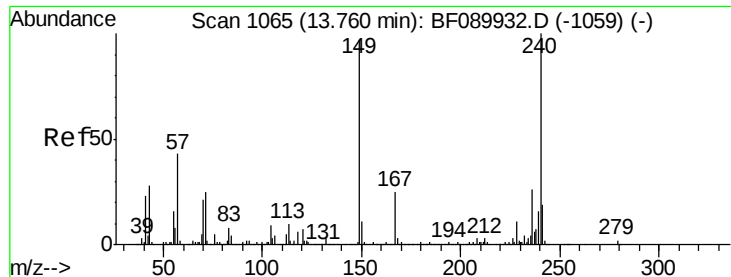
Tgt Ion:188 Resp: 495953
Ion Ratio Lower Upper
188 100
94 10.7 5.9 8.9#
80 11.4 5.8 8.8#



#66
4-Bromophenyl-phenylether
Concen: 3.63 ng
RT: 10.39 min Scan# 770
Delta R.T. -0.27 min
Lab File: BF090071.D
Acq: 12 Sep 2016 18:53

Tgt Ion:248 Resp: 18118
Ion Ratio Lower Upper
248 100
250 187.7 77.3 115.9#
141 537.3 55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. -0.03 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampled :

PB93335BL

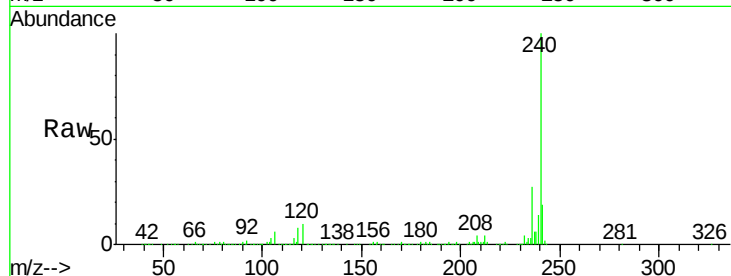
Tgt Ion:240 Resp: 453568

Ion Ratio Lower Upper

240 100

120 10.1 5.7 8.5#

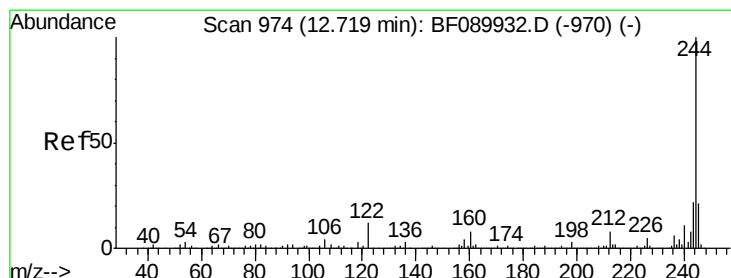
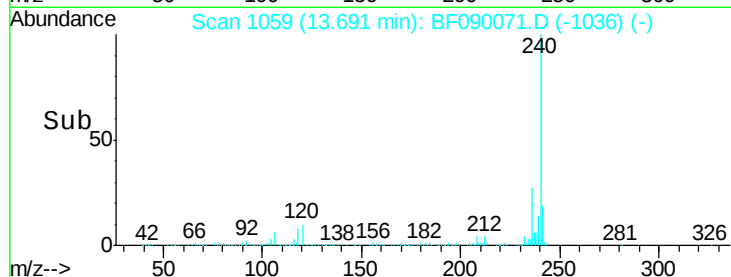
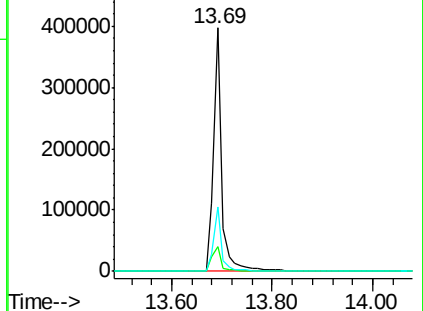
236 26.5 21.3 31.9



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: 75.58 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF090071.D

Acq: 12 Sep 2016 18:53

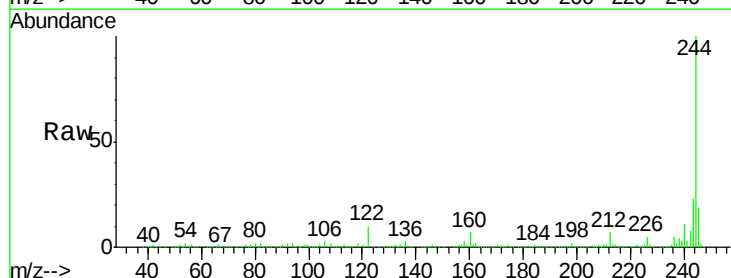
Tgt Ion:244 Resp: 1387800

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

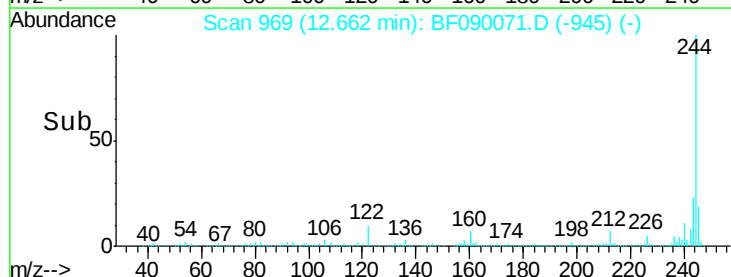
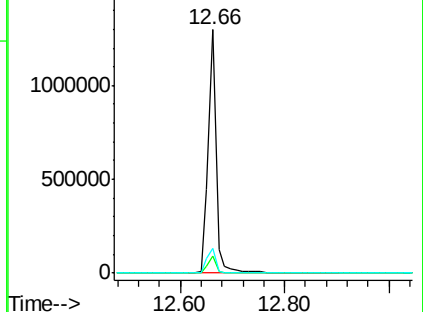
122 10.2 9.6 14.4

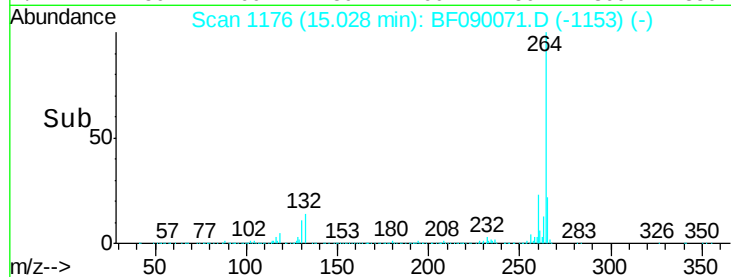
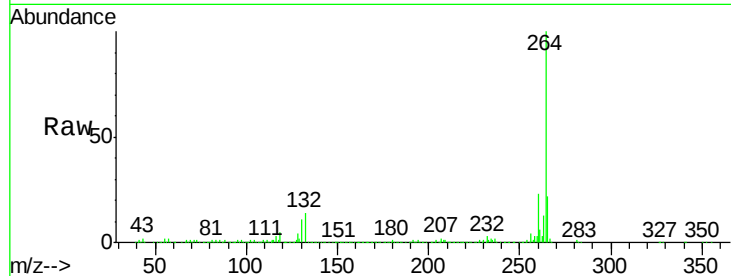
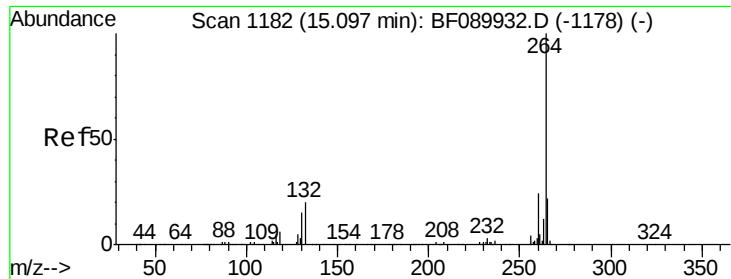


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF090071.D

Acq: 12 Sep 2016 18:53

Instrument :

BNA_F

ClientSampleId :

PB93335BL

Tgt Ion: 264 Resp: 320032

Ion Ratio Lower Upper

264 100

260 23.2 19.4 29.0

265 21.7 17.4 26.2

