

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091352.D
 Acq On : 30 Nov 2016 14:14
 Operator : UM/SJ
 Sample : H5760-06
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 18:03:17 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 29 13:33:46 2016
 Response via : Initial Calibration

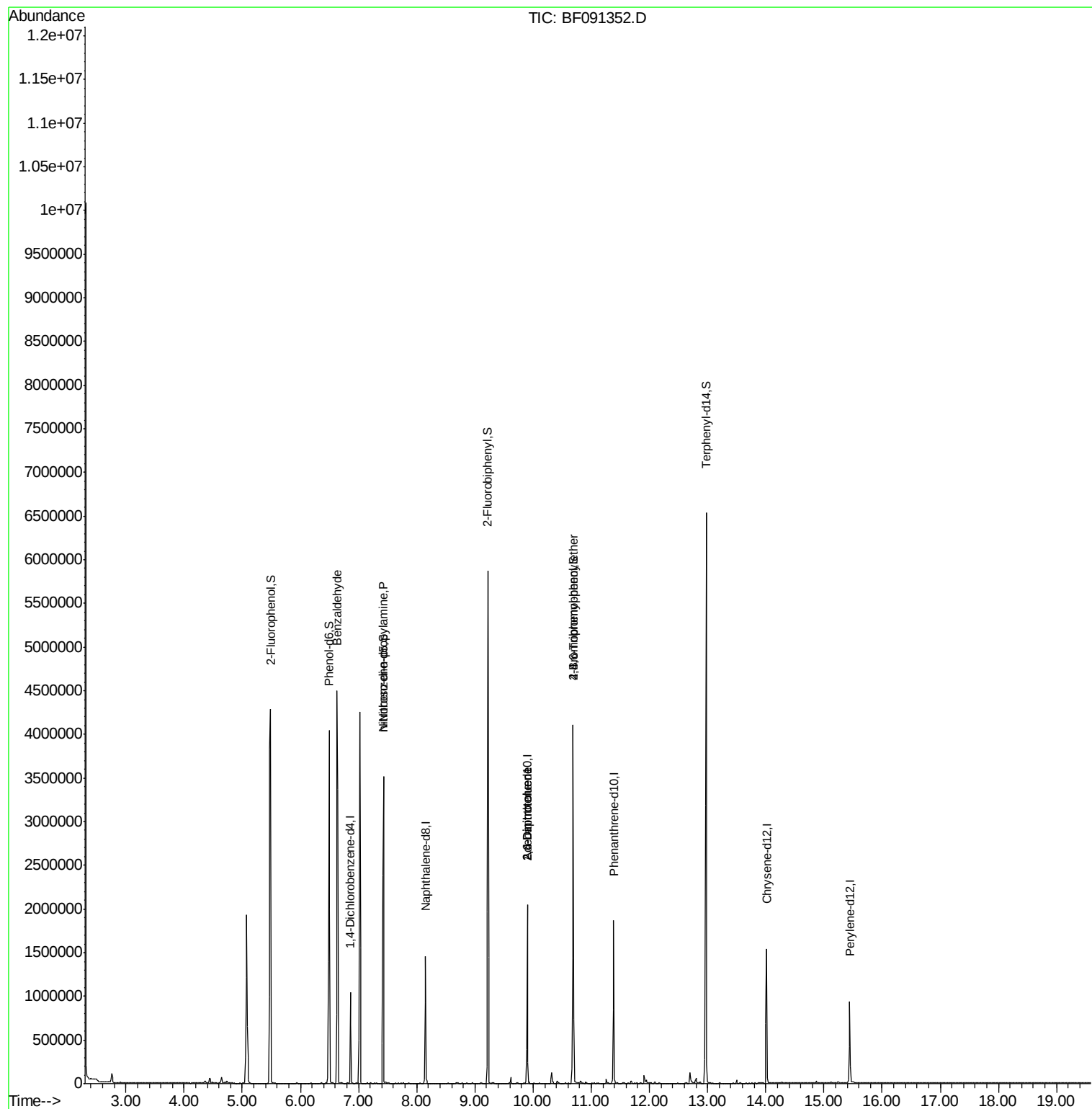
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	189047	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	814747	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	449097	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	798314	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	615194	20.00	ng	-0.03
86) Perylene-d12	15.44	264	433545	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1619492	139.95	ng	0.02
7) Phenol-d6	6.49	99	1707324	119.85	ng	0.00
23) Nitrobenzene-d5	7.43	82	1402649	96.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	550581	129.50	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	2174120	87.65	ng	-0.02
78) Terphenyl-d14	12.97	244	2313011	81.72	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	39480	4.31	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.43	70	195237	21.75	ng	# 70
50) 2,6-Dinitrotoluene	9.90	165	58923	9.69	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	58925	7.47	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	32308	3.77	ng	# 1

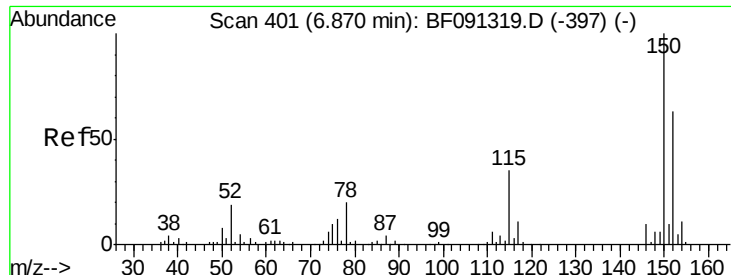
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
Data File : BF091352.D
Acq On : 30 Nov 2016 14:14
Operator : UM/SJ
Sample : H5760-06
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 30 18:03:17 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 13:33:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 400

Delta R.T. -0.02 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

Instrument :

BNA_F

ClientSampleId :

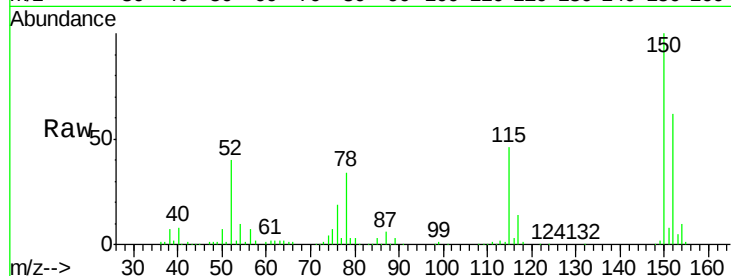
Tot Ion:152 Resp: 189047

Ion Ratio Lower Upper

152 100

150 162.0 122.5 183.7

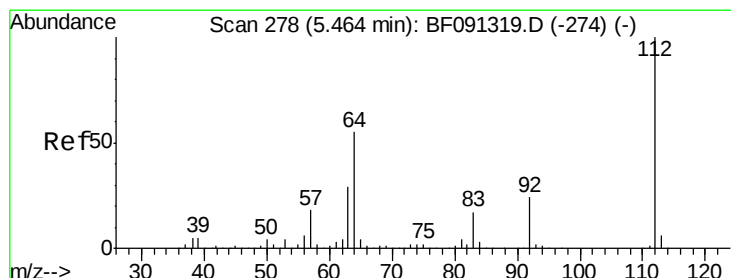
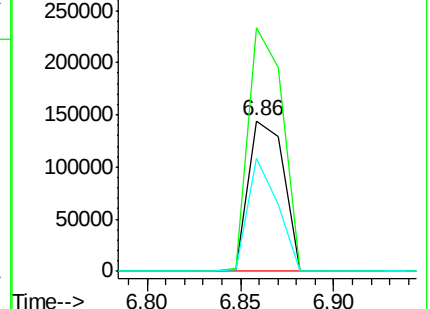
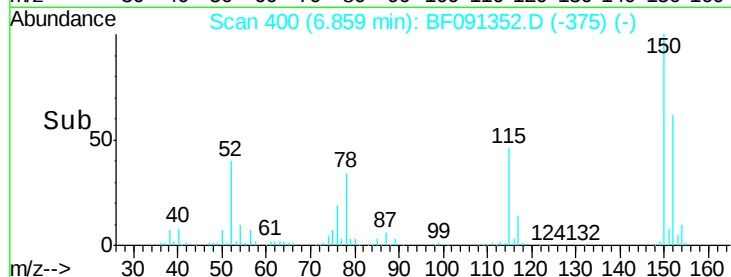
115 75.0 51.8 77.8



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: 139.95 ng

RT: 5.49 min Scan# 280

Delta R.T. 0.02 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

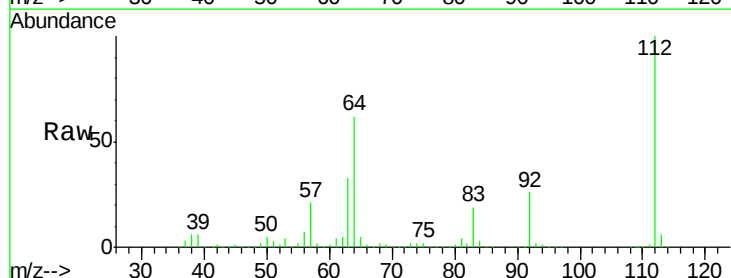
Tgt Ion:112 Resp: 1619492

Ion Ratio Lower Upper

112 100

64 62.1 61.5 92.3

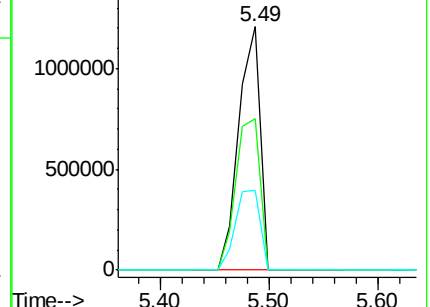
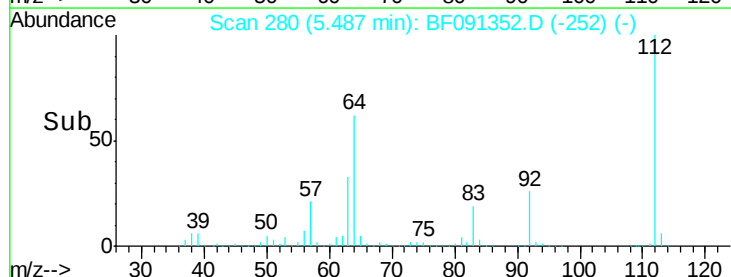
63 33.0 33.3 49.9#

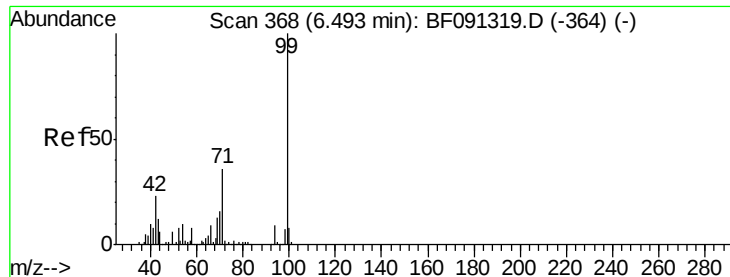


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.85 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

Instrument :

BNA_F

ClientSampleId :

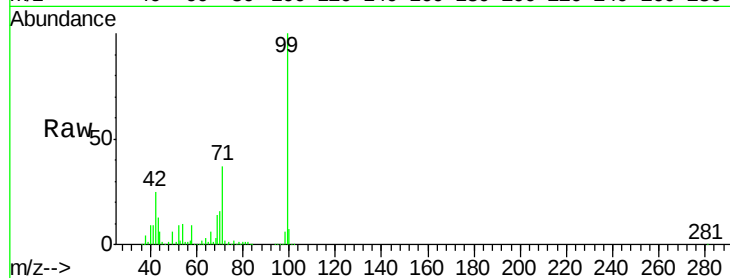
Tot Ion: 99 Resp: 1707324

Ion Ratio Lower Upper

99 100

42 25.1 20.6 31.0

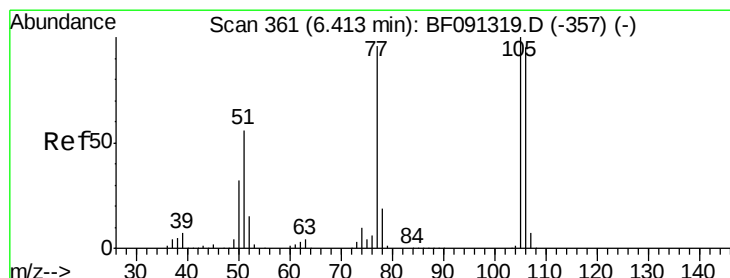
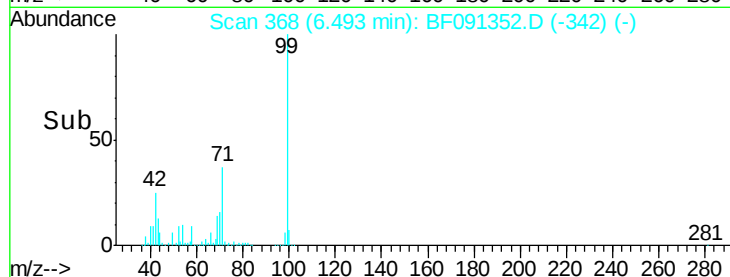
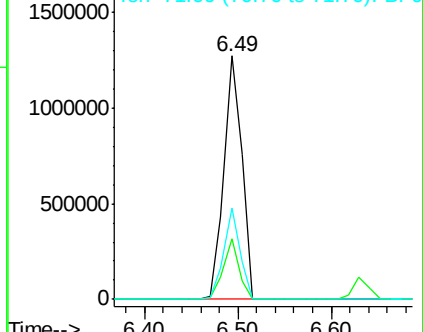
71 37.5 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.31 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

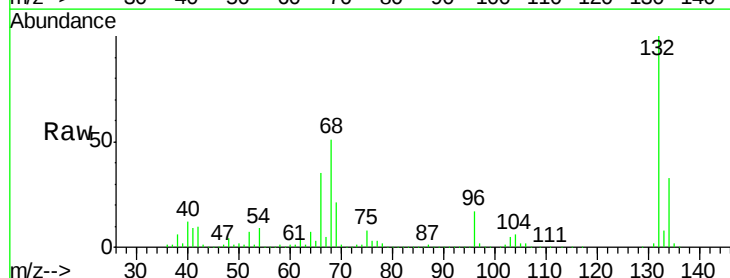
Tgt Ion: 77 Resp: 39480

Ion Ratio Lower Upper

77 100

105 70.0 66.4 106.4

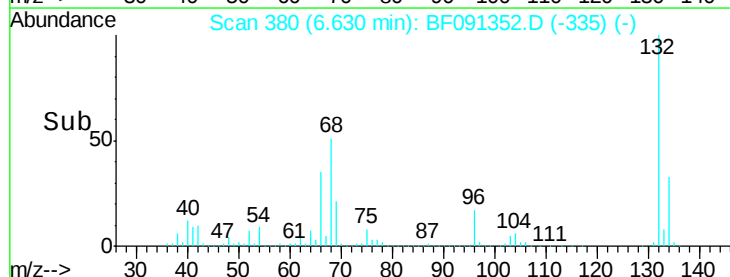
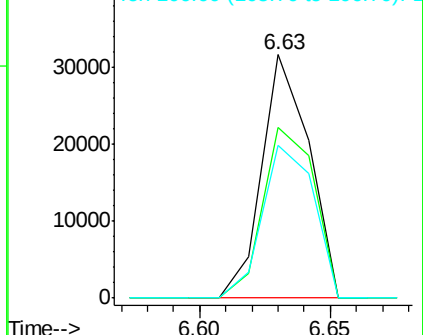
106 62.8 60.9 100.9

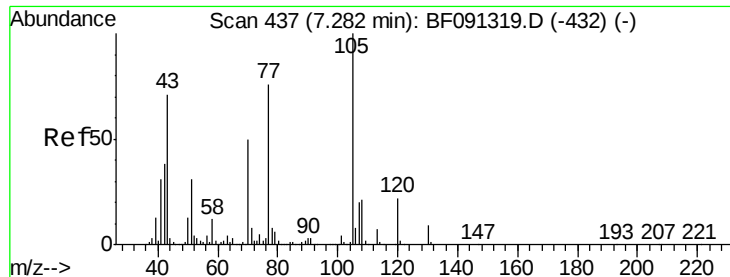


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

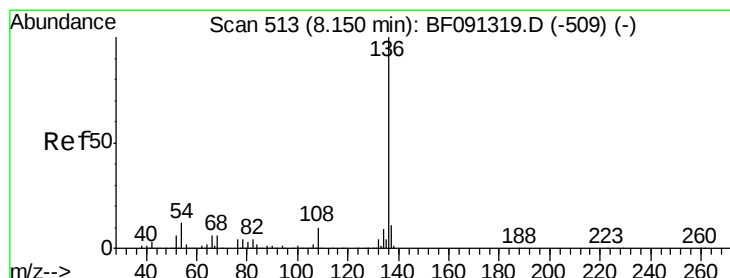
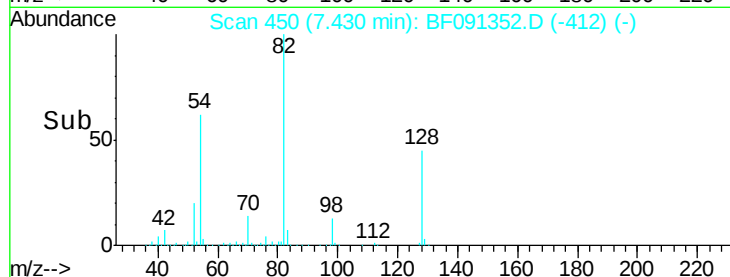
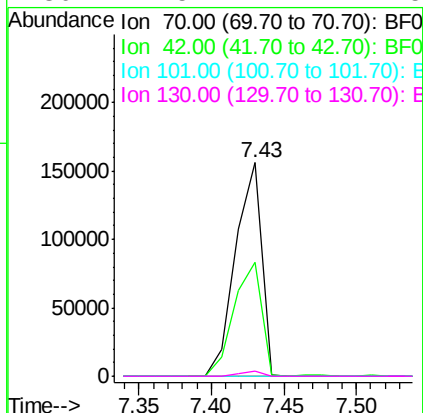
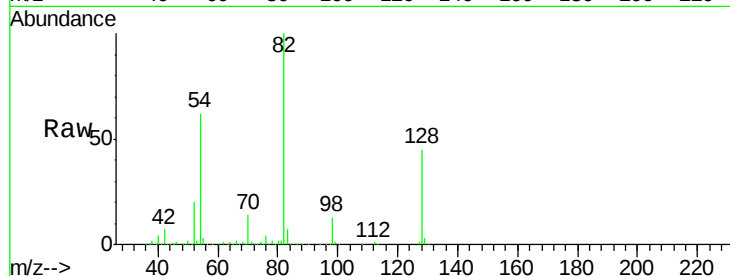




#19
n-Nitroso-di-n-propylamine
Concen: 21.75 ng
RT: 7.43 min Scan# 450
Delta R.T. 0.13 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

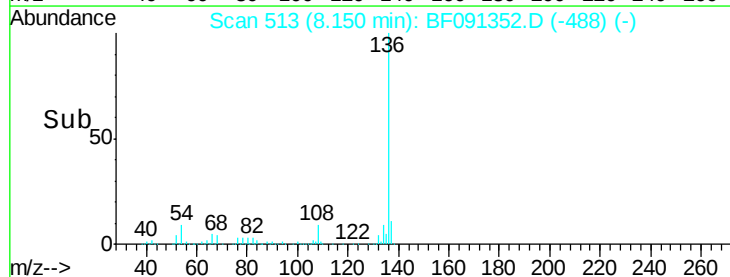
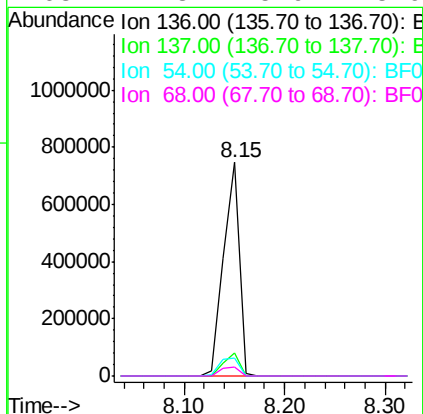
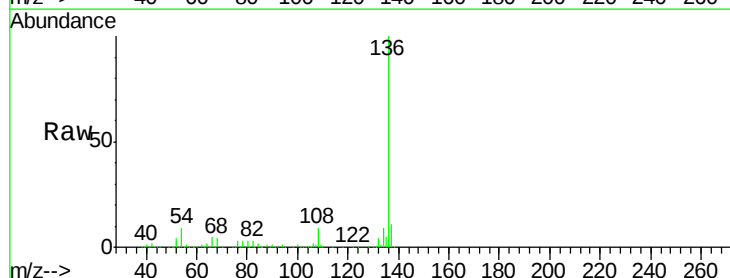
Instrument :
BNA_F
ClientSampled :

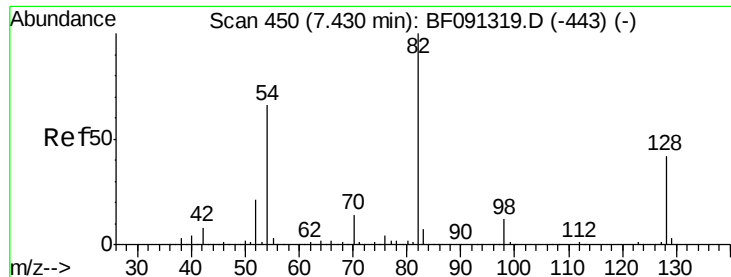
Tot Ion: 70 Resp: 195237
Ion Ratio Lower Upper
70 100
42 53.2 64.8 97.2#
101 0.0 6.2 9.4#
130 2.5 11.7 17.5#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 513
Delta R.T. -0.02 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

Tgt Ion: 136 Resp: 814747
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.5 9.1 13.7#
68 4.3 5.9 8.9#

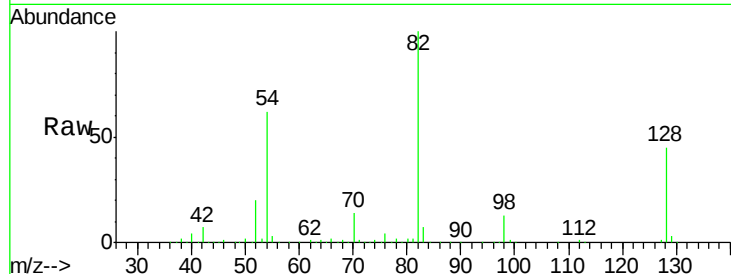




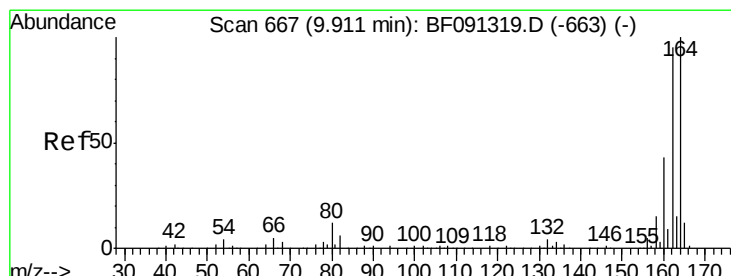
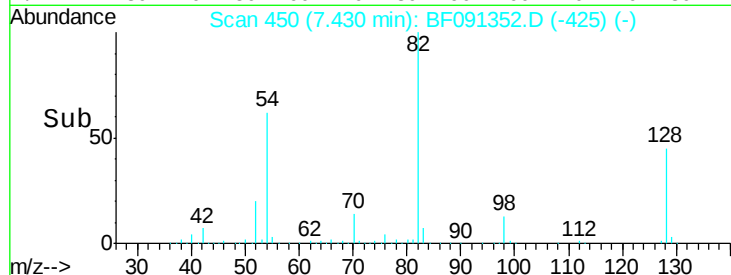
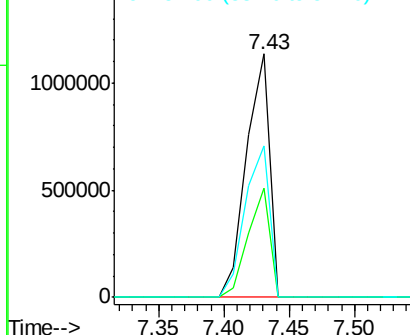
#23
Nitrobenzene-d5
Concen: 96.48 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1402649
Ion Ratio Lower Upper
82 100
128 44.7 31.8 47.6
54 62.3 49.1 73.7

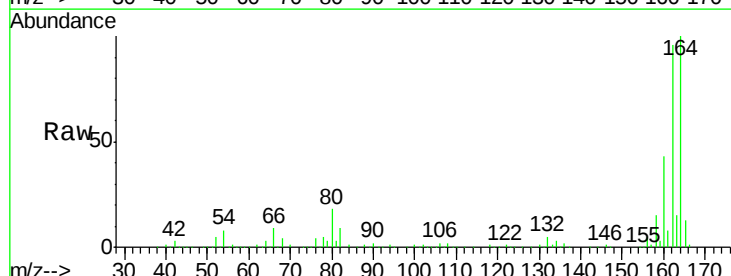


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

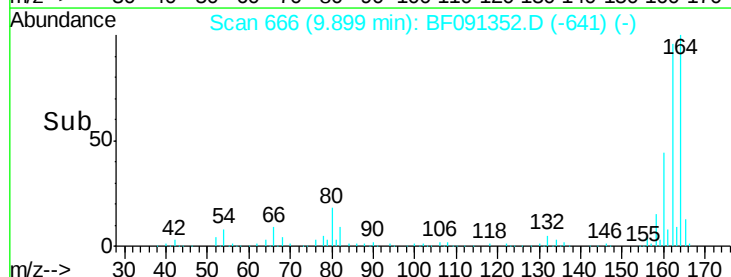
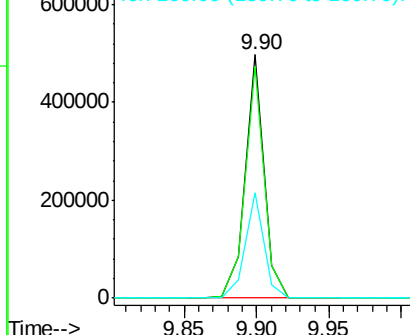


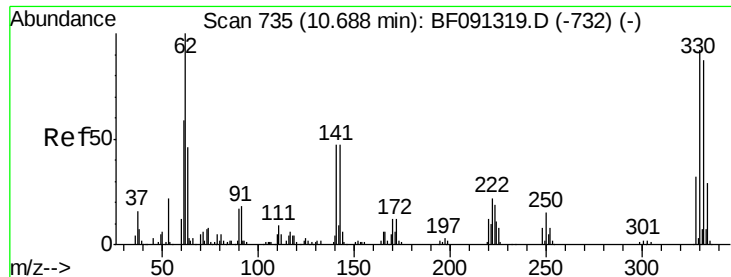
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

Tgt Ion:164 Resp: 449097
Ion Ratio Lower Upper
164 100
162 95.5 82.6 124.0
160 43.3 36.7 55.1



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

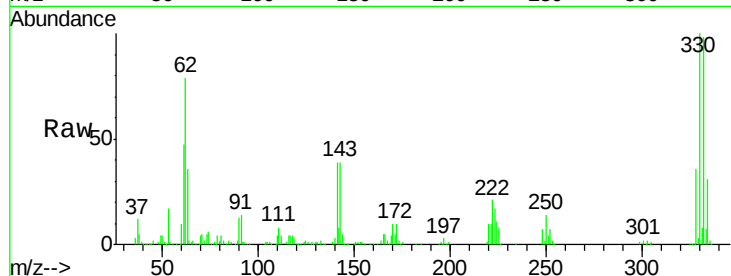




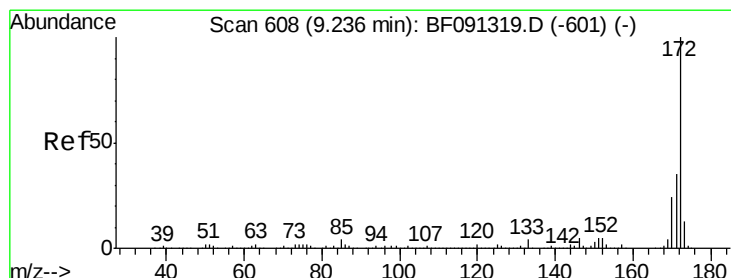
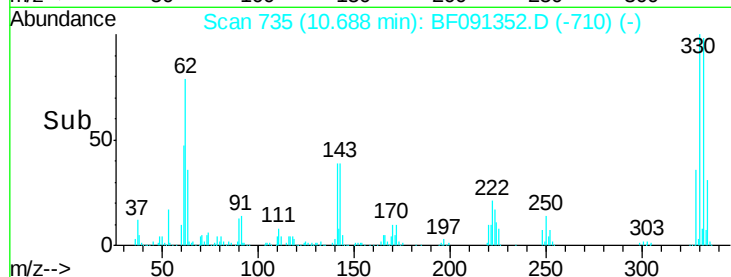
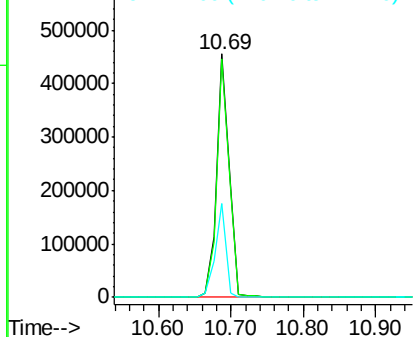
#41
 2,4,6-Tribromophenol
 Concen: 129.50 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.02 min
 Lab File: BF091352.D
 Acq: 30 Nov 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 550581
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.2 114.4
 141 32.9 33.6 50.4#

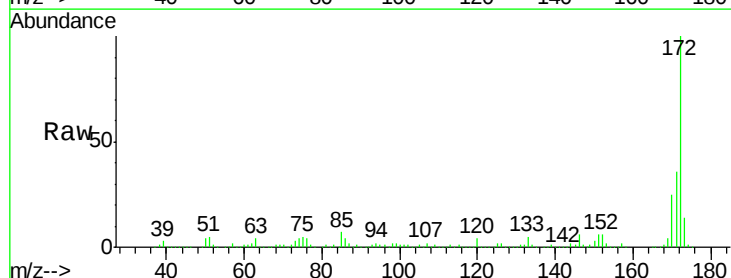


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

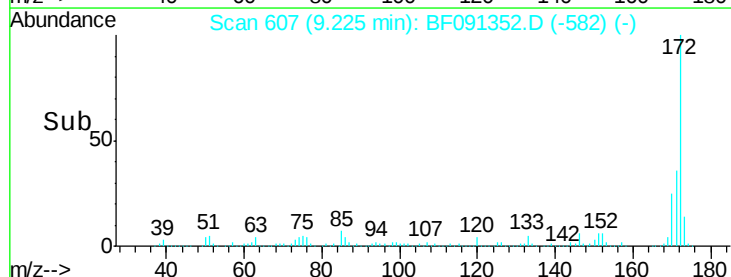
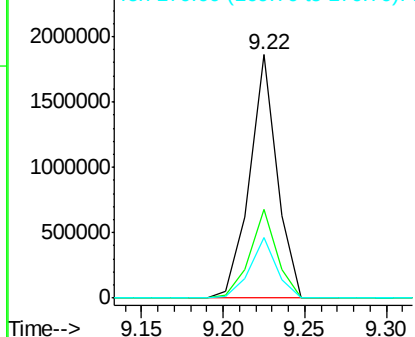


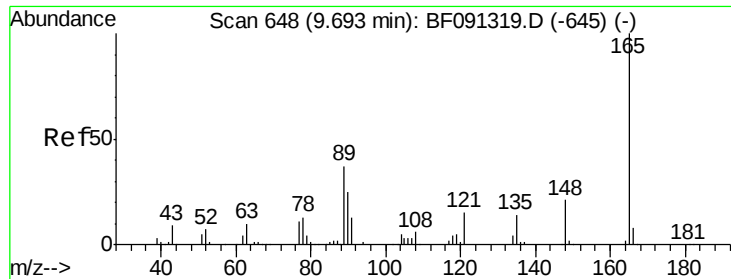
#44
 2-Fluorobiphenyl
 Concen: 87.65 ng
 RT: 9.22 min Scan# 607
 Delta R.T. -0.02 min
 Lab File: BF091352.D
 Acq: 30 Nov 2016 14:14

Tgt Ion:172 Resp: 2174120
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.7 19.7 29.5



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

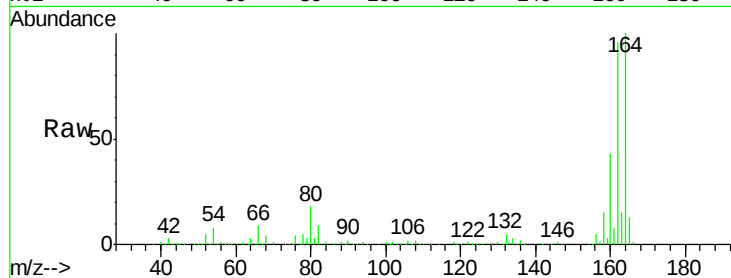




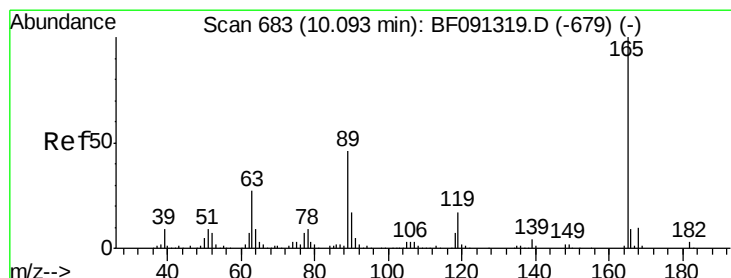
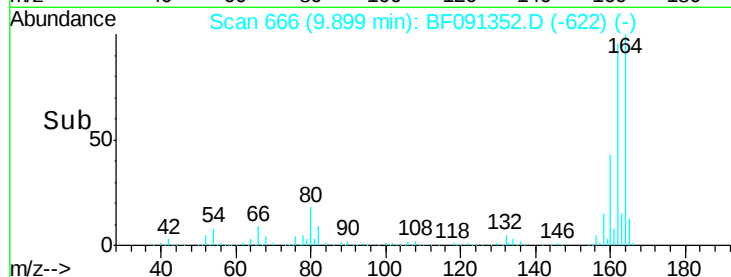
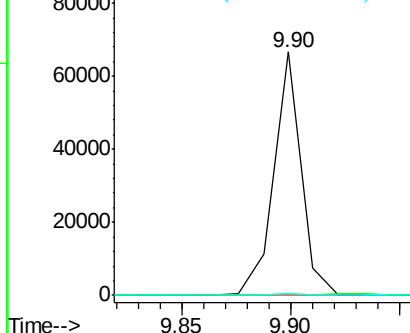
#50
2,6-Dinitrotoluene
Concen: 9.69 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 58923
Ion Ratio Lower Upper
165 100
63 0.7 59.4 89.0#
89 0.8 50.8 76.2#

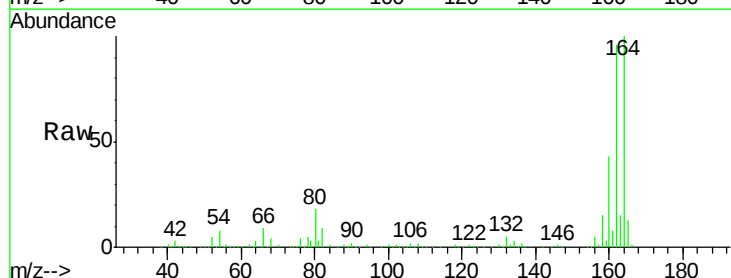


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

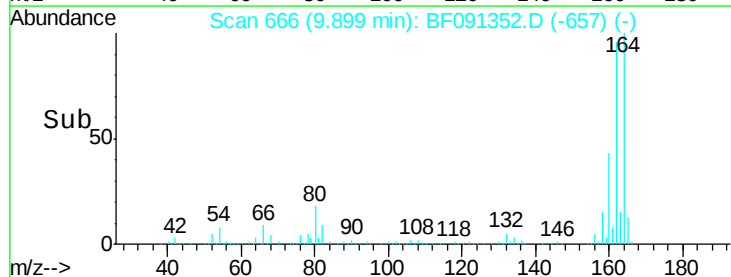
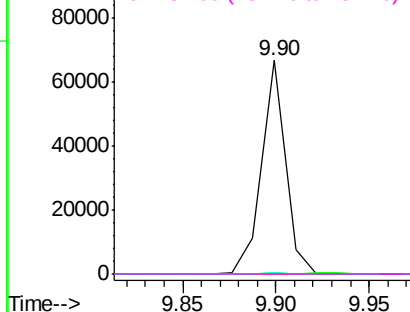


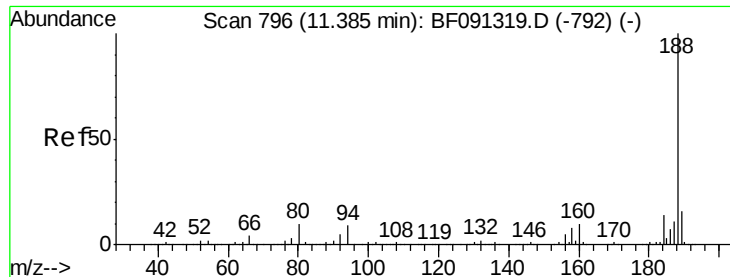
#56
2,4-Dinitrotoluene
Concen: 7.47 ng
RT: 9.90 min Scan# 666
Delta R.T. -0.20 min
Lab File: BF091352.D
Acq: 30 Nov 2016 14:14

Tgt Ion:165 Resp: 58925
Ion Ratio Lower Upper
165 100
63 0.7 29.0 43.4#
89 0.8 43.1 64.7#
182 0.0 1.9 2.9#



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

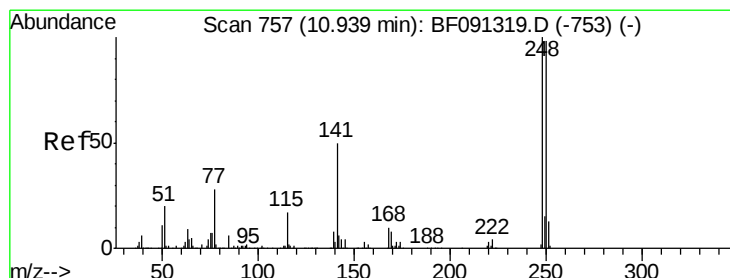
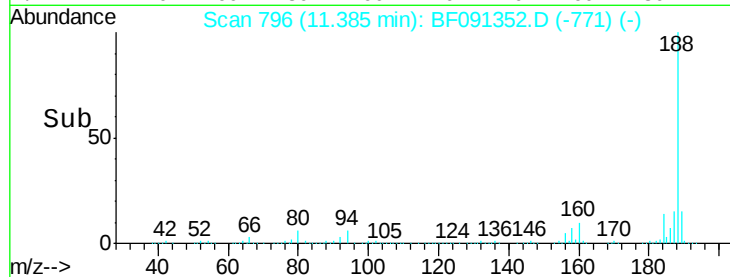
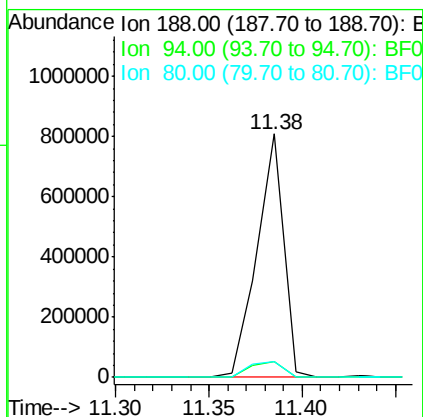
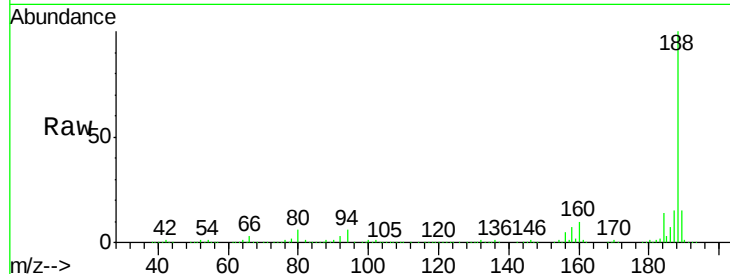




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 796
 Delta R.T. -0.02 min
 Lab File: BF091352.D
 Acq: 30 Nov 2016 14:14

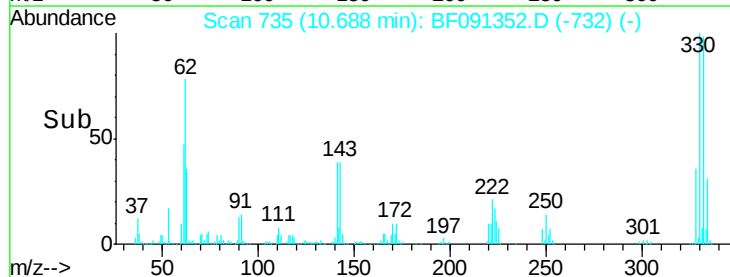
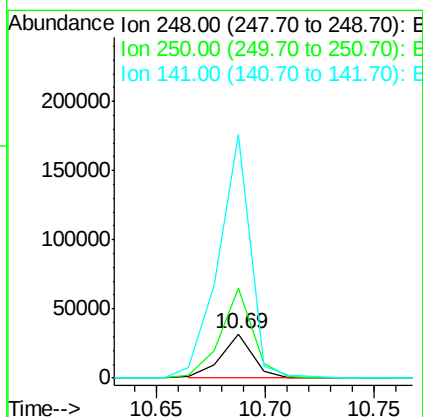
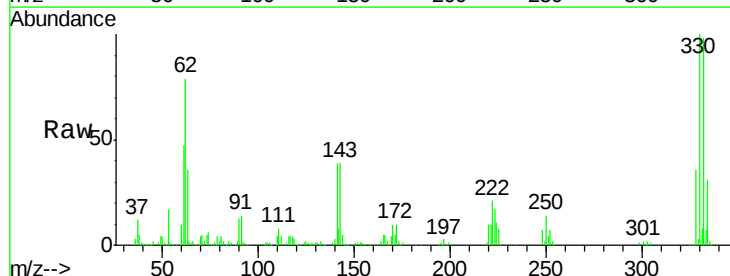
Instrument :
 BNA_F
 ClientSampled :

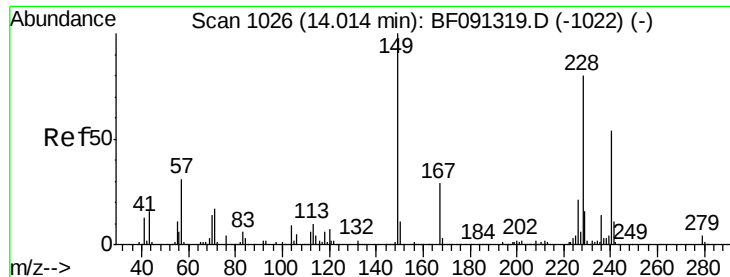
Tot Ion:188 Resp: 798314
 Ion Ratio Lower Upper
 188 100
 94 6.4 9.2 13.8#
 80 6.5 10.5 15.7#



#66
 4-Bromophenyl-phenylether
 Concen: 3.77 ng
 RT: 10.69 min Scan# 735
 Delta R.T. -0.27 min
 Lab File: BF091352.D
 Acq: 30 Nov 2016 14:14

Tgt Ion:248 Resp: 32308
 Ion Ratio Lower Upper
 248 100
 250 204.3 78.2 117.4#
 141 552.9 71.9 107.9#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

Instrument :

BNA_F

ClientSampleId :

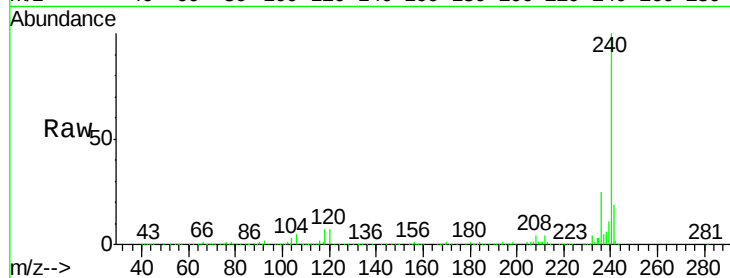
Tot Ion:240 Resp: 615194

Ion Ratio Lower Upper

240 100

120 7.3 12.1 18.1#

236 25.5 21.0 31.6



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

14.01

800000

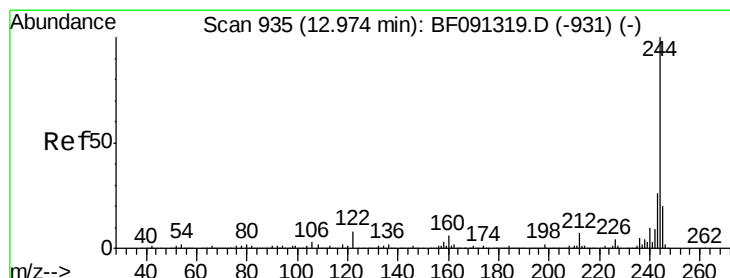
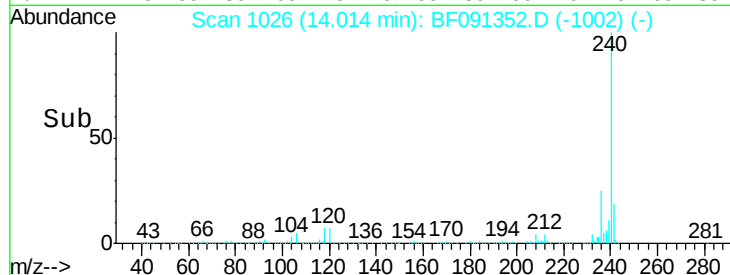
600000

400000

200000

0

Time--> 13.90 14.00 14.10 14.20



#78

Terphenyl-d14

Concen: 81.72 ng

RT: 12.97 min Scan# 935

Delta R.T. -0.02 min

Lab File: BF091352.D

Acq: 30 Nov 2016 14:14

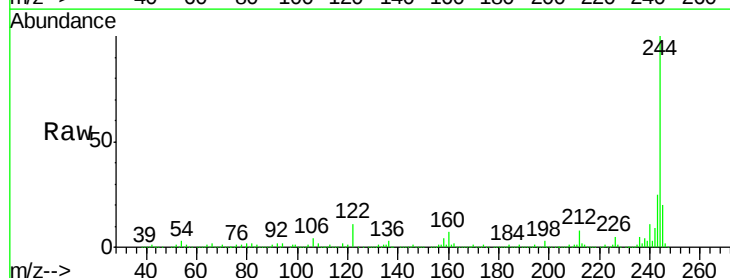
Tgt Ion:244 Resp: 2313011

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 10.9 9.5 14.3



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

12.97

3000000

2500000

2000000

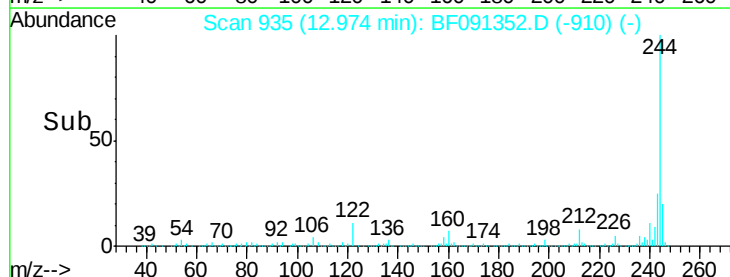
1500000

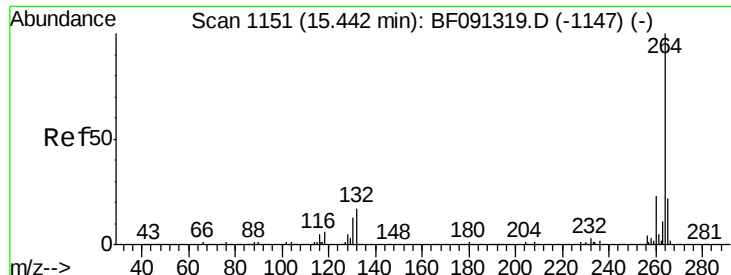
1000000

500000

0

Time--> 13.00 13.20

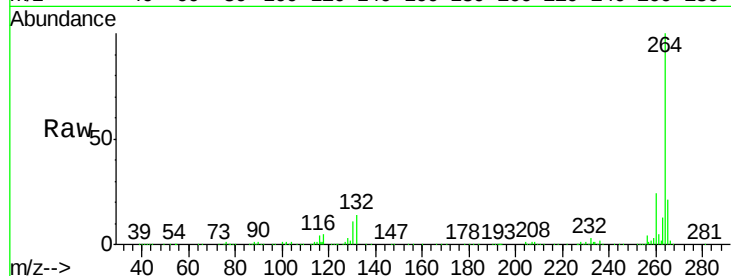




#86
 Pervlone-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091352.D
 Acq: 30 Nov 2016 14:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	433545
Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	21.3	17.0	25.6



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

