

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
 Data File : BF091348.D
 Acq On : 30 Nov 2016 12:23
 Operator : UM/SJ
 Sample : H5749-11
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 30 17:55:03 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

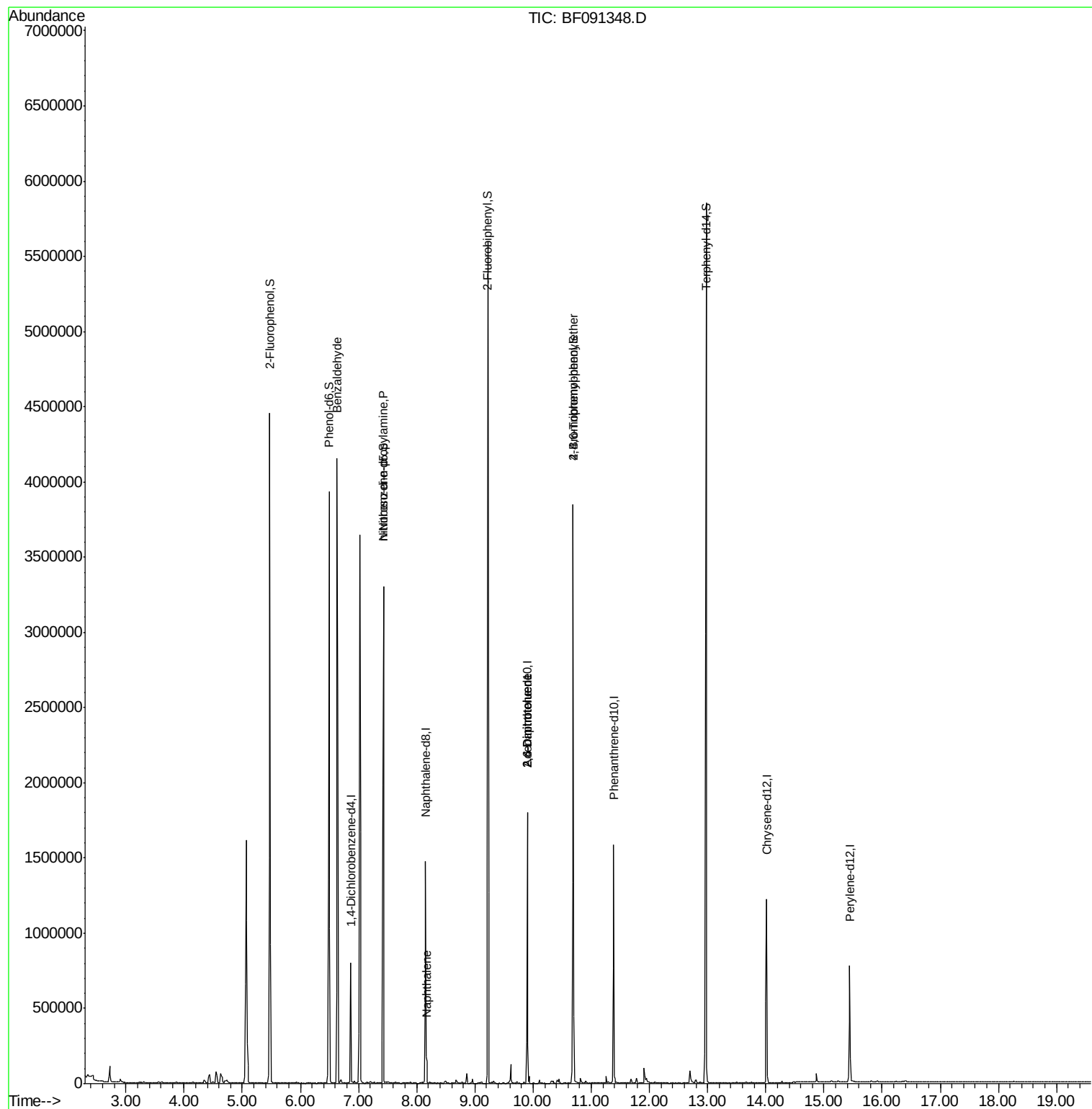
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	171788	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	724098	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	390587	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	682653	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	492947	20.00	ng	-0.03
86) Perylene-d12	15.44	264	373690	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1224361	116.43	ng	0.00
7) Phenol-d6	6.49	99	1393005	107.61	ng	0.00
23) Nitrobenzene-d5	7.43	82	1221634	94.55	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	461587	124.83	ng	-0.02
44) 2-Fluorobiphenyl	9.22	172	1914862	88.77	ng	-0.02
78) Terphenyl-d14	12.97	244	2110073	93.04	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.63	77	32812	3.94	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.43	70	170631	20.92	ng	# 69
31) Naphthalene	8.17	128	99049	2.88	ng	98
50) 2,6-Dinitrotoluene	9.90	165	51094	9.67	ng	# 16
56) 2,4-Dinitrotoluene	9.90	165	51097	7.45	ng	# 33
66) 4-Bromophenyl-phenylether	10.69	248	30369	4.14	ng	# 1

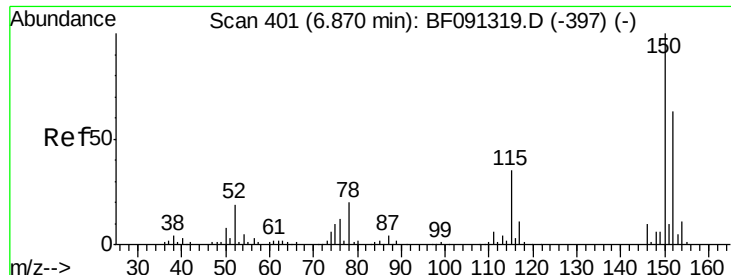
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF113016\
Data File : BF091348.D
Acq On : 30 Nov 2016 12:23
Operator : UM/SJ
Sample : H5749-11
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 30 17:55:03 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



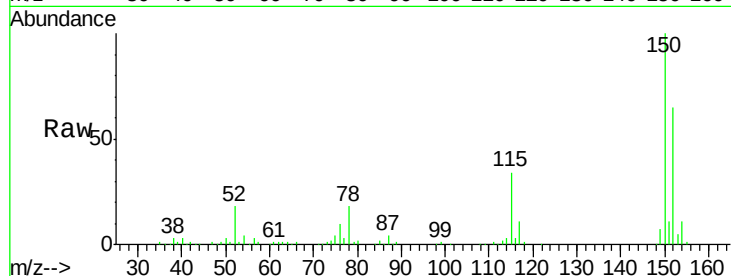


#1

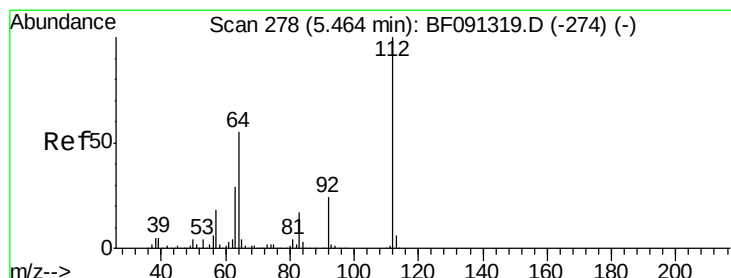
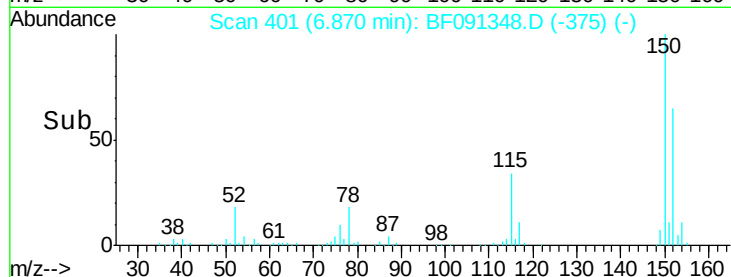
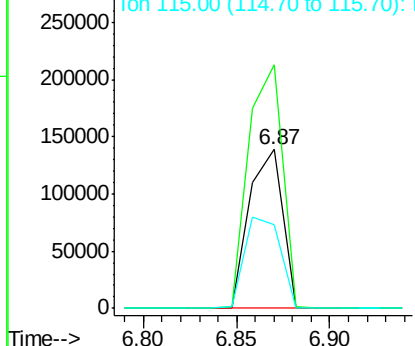
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.87 min Scan# 401
Delta R.T. -0.01 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 171788
Ion Ratio Lower Upper
152 100
150 153.2 122.5 183.7
115 52.7 51.8 77.8



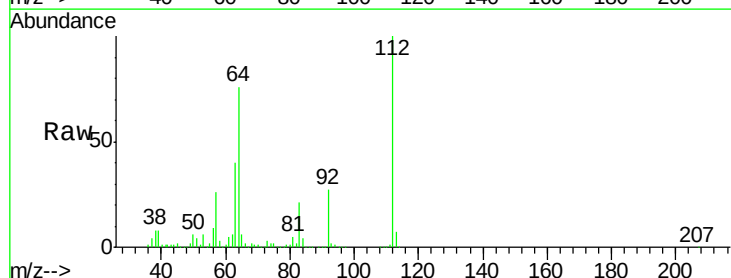
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



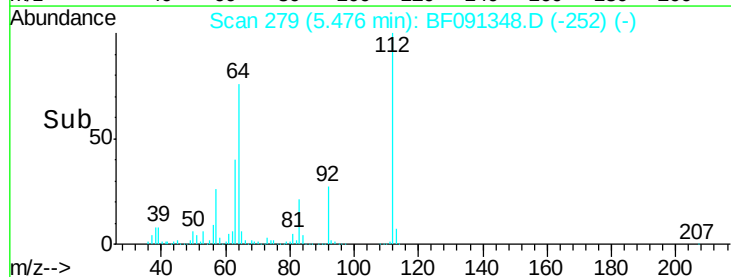
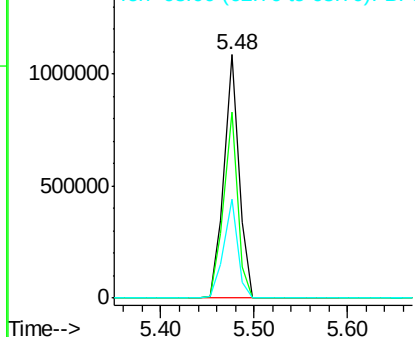
#5

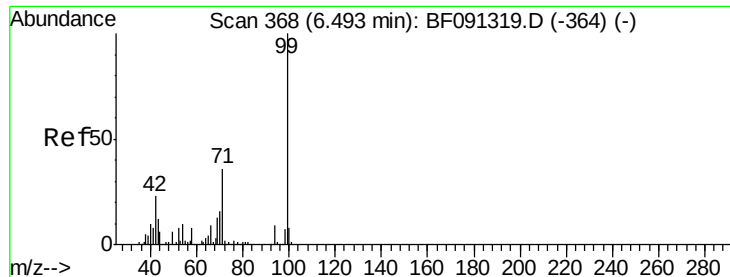
2-Fluorophenol
Concen: 116.43 ng
RT: 5.48 min Scan# 279
Delta R.T. 0.01 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Tgt Ion:112 Resp: 1224361
Ion Ratio Lower Upper
112 100
64 76.2 61.5 92.3
63 40.4 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: 107.61 ng

RT: 6.49 min Scan# 368

Delta R.T. -0.01 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

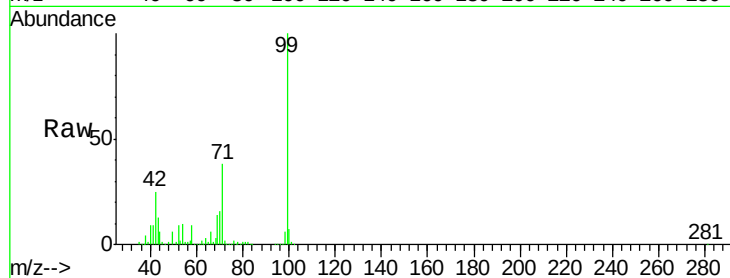
Tot Ion: 99 Resp: 1393005

Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.6	31.0
71	38.2	29.9	44.9

99 100

42 24.7 20.6 31.0

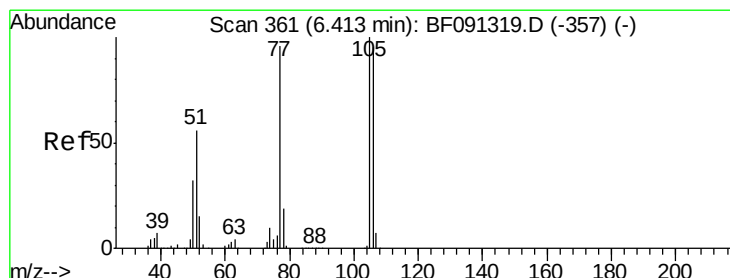
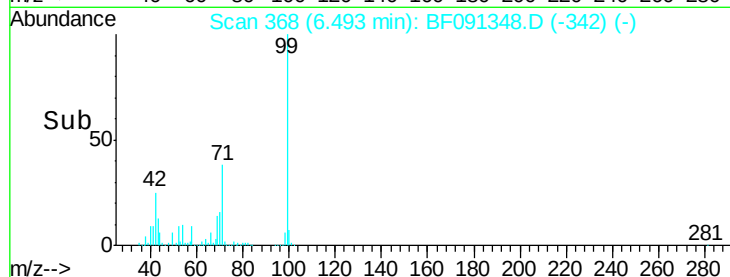
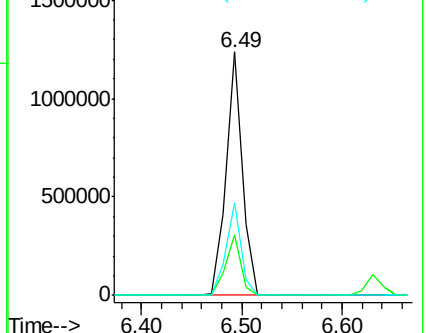
71 38.2 29.9 44.9



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: 3.94 ng

RT: 6.63 min Scan# 380

Delta R.T. 0.21 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

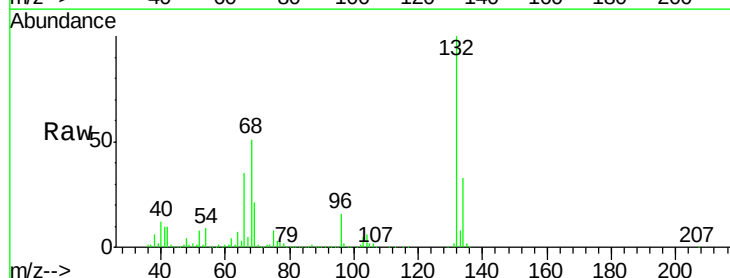
Tgt Ion: 77 Resp: 32812

Ion	Ratio	Lower	Upper
77	100		
105	74.6	66.4	106.4
106	65.1	60.9	100.9

77 100

105 74.6 66.4 106.4

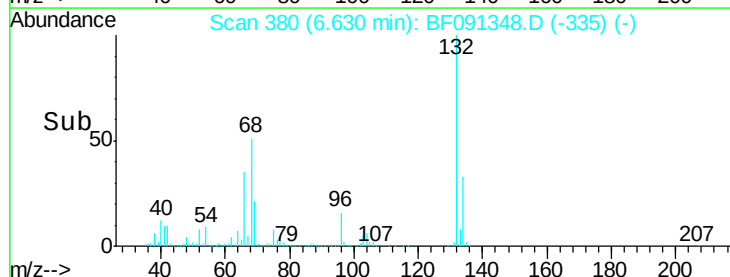
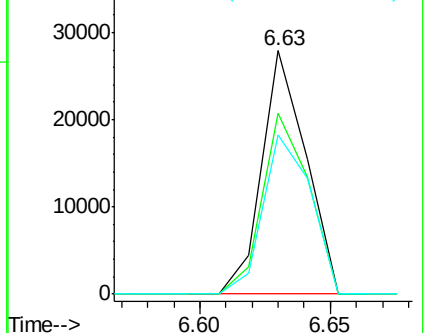
106 65.1 60.9 100.9

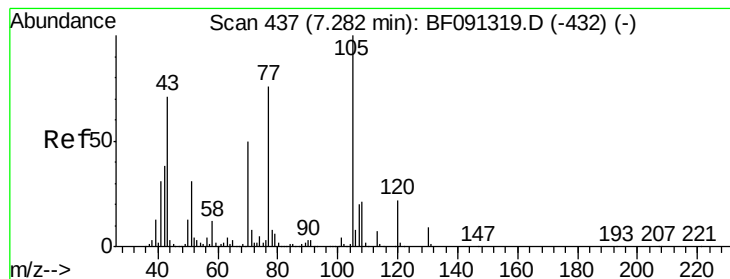


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 20.92 ng

RT: 7.43 min Scan# 450

Delta R.T. 0.13 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 170631

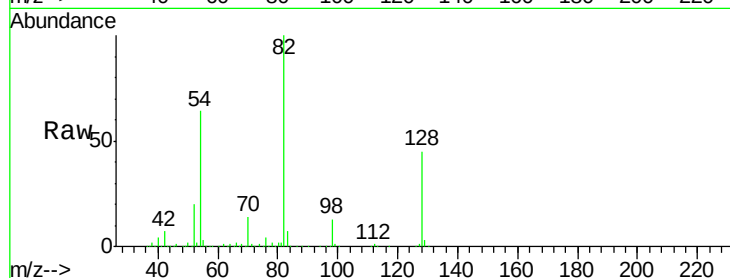
Ion Ratio Lower Upper

70 100

42 53.0 64.8 97.2#

101 0.0 6.2 9.4#

130 2.0 11.7 17.5#

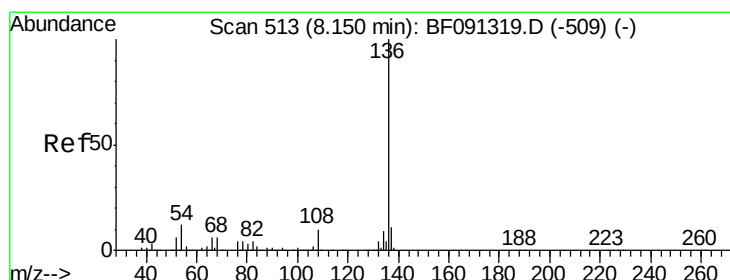
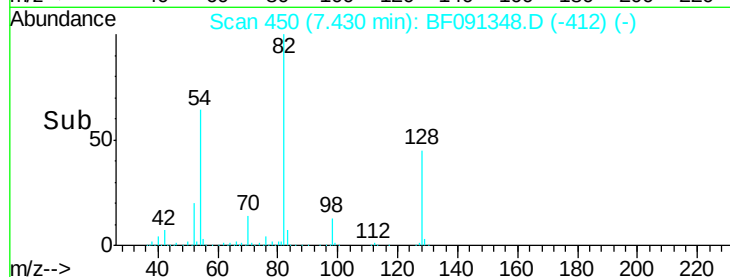
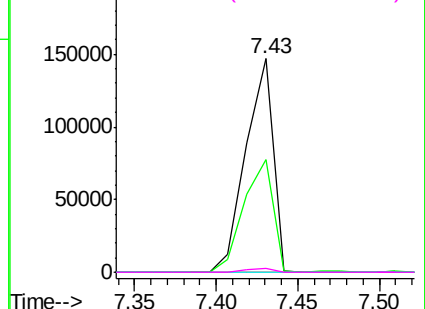


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.15 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Tgt Ion:136 Resp: 724098

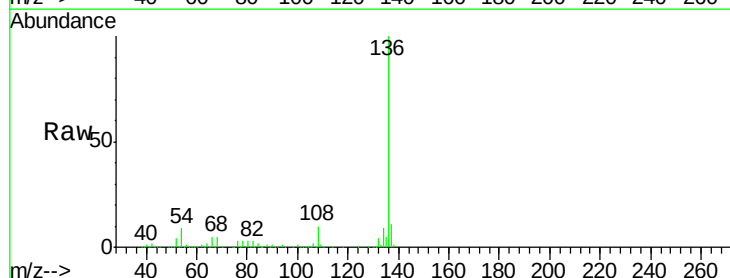
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 9.1 9.1 13.7#

68 4.6 5.9 8.9#

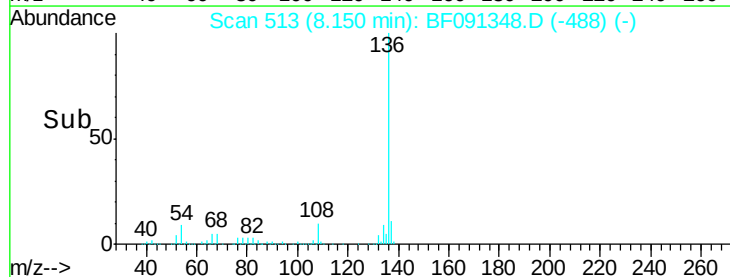
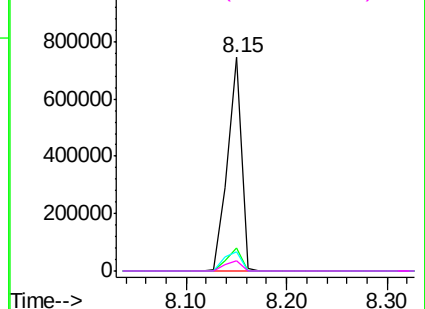


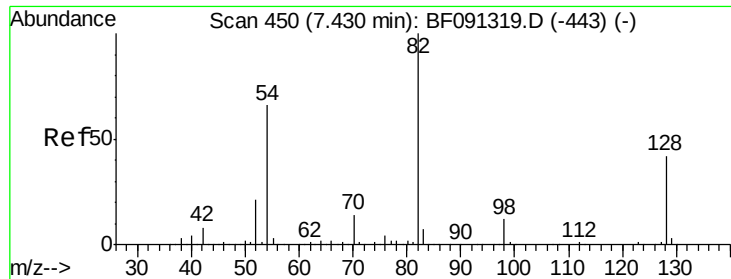
Abundance Ion 136.00 (135.70 to 136.70): E

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

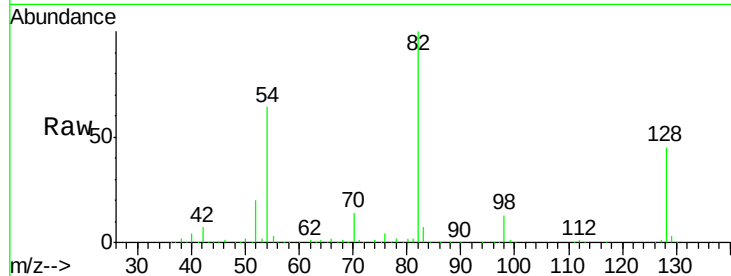




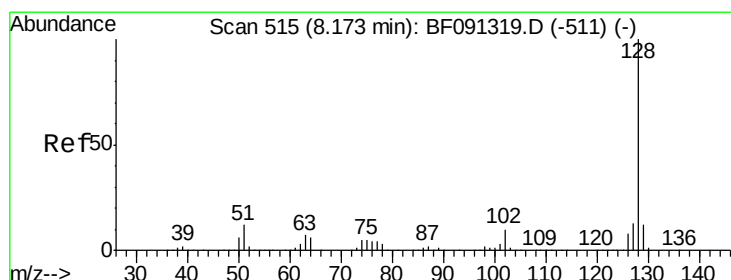
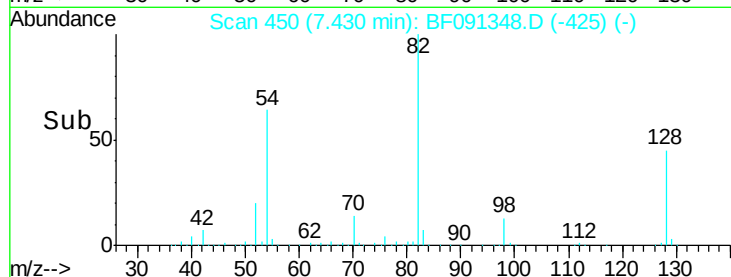
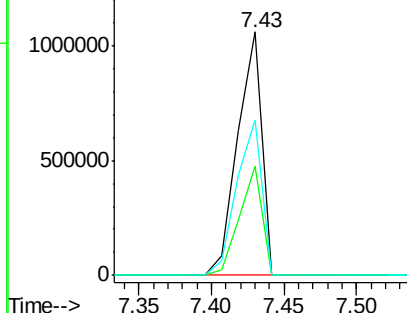
#23
Nitrobenzene-d5
Concen: 94.55 ng
RT: 7.43 min Scan# 450
Delta R.T. -0.02 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1221634
Ion Ratio Lower Upper
82 100
128 45.1 31.8 47.6
54 63.9 49.1 73.7

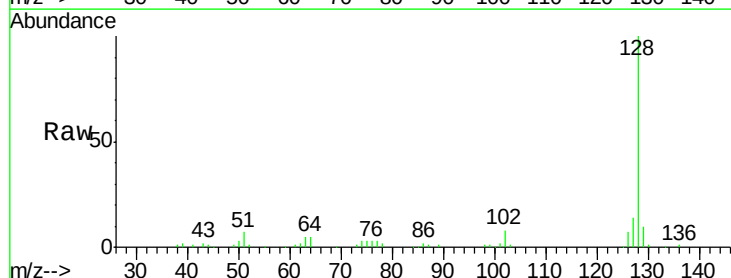


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

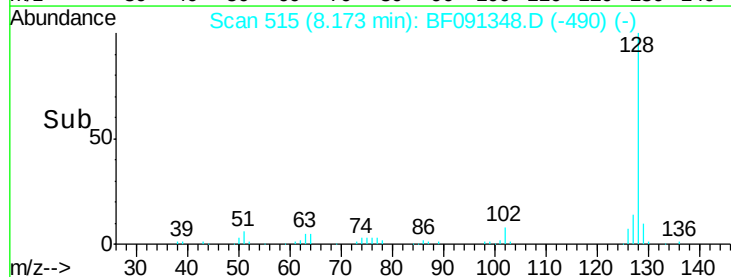
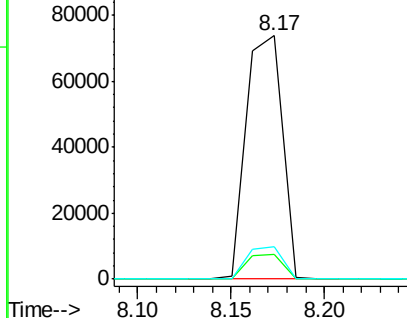


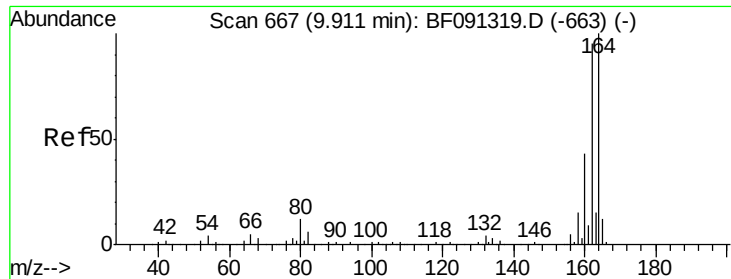
#31
Naphthalene
Concen: 2.88 ng
RT: 8.17 min Scan# 515
Delta R.T. -0.02 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Tgt Ion:128 Resp: 99049
Ion Ratio Lower Upper
128 100
129 10.1 9.1 13.7
127 13.5 11.0 16.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

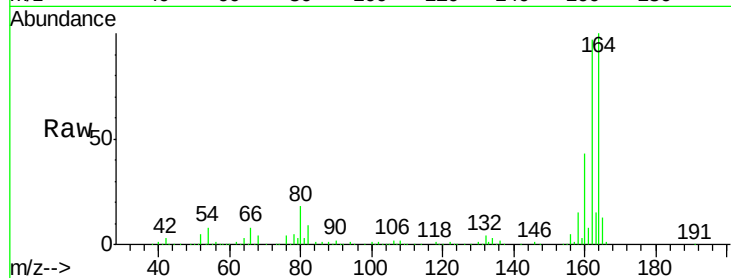
Tot Ion:164 Resp: 390587

Ion Ratio Lower Upper

164 100

162 96.9 82.6 124.0

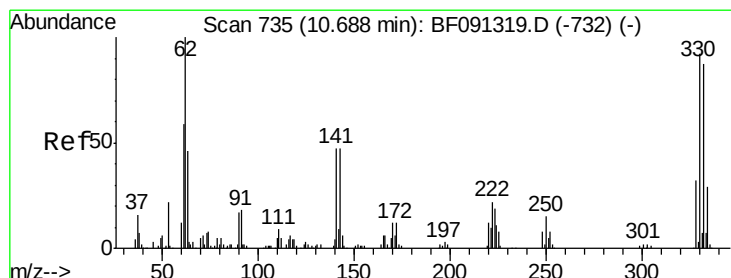
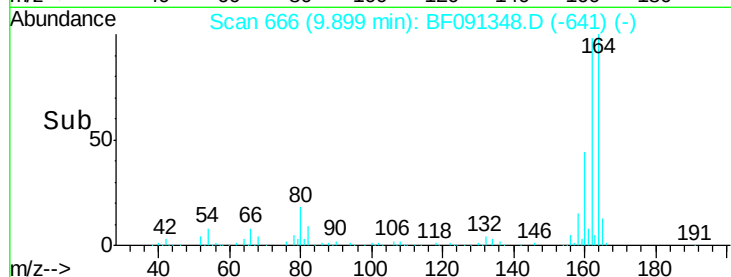
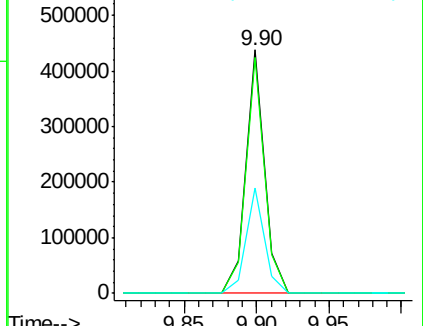
160 43.3 36.7 55.1



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: 124.83 ng

RT: 10.69 min Scan# 735

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

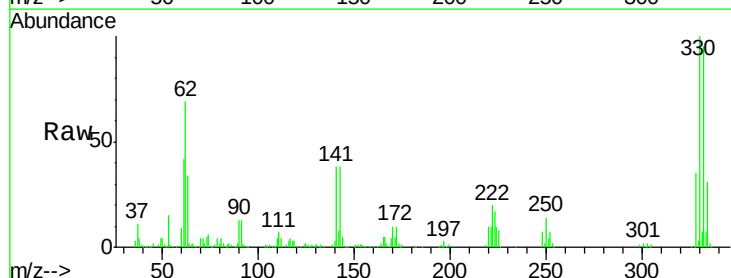
Tgt Ion:330 Resp: 461587

Ion Ratio Lower Upper

330 100

332 95.7 76.2 114.4

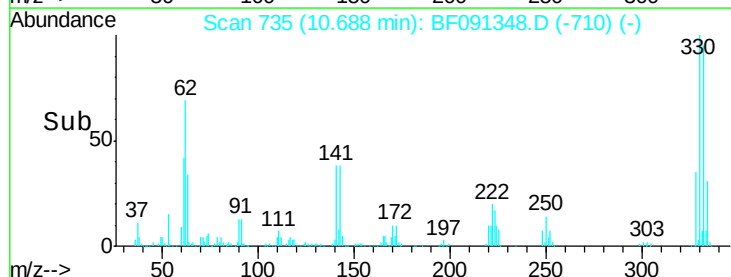
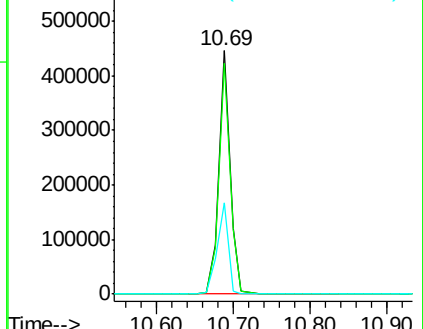
141 36.4 33.6 50.4

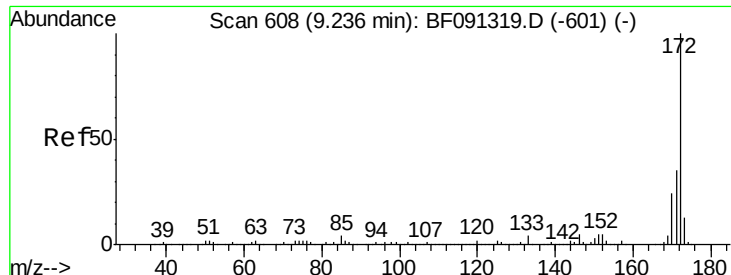


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

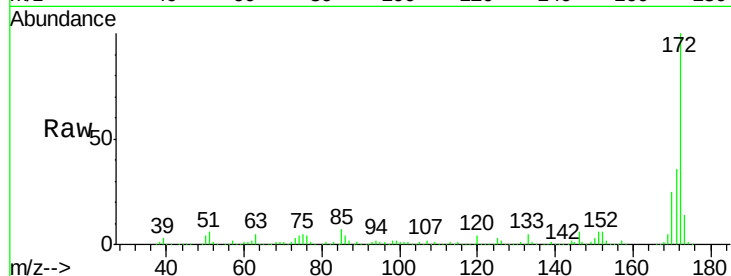




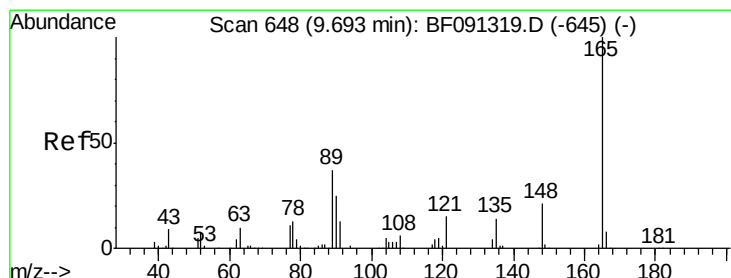
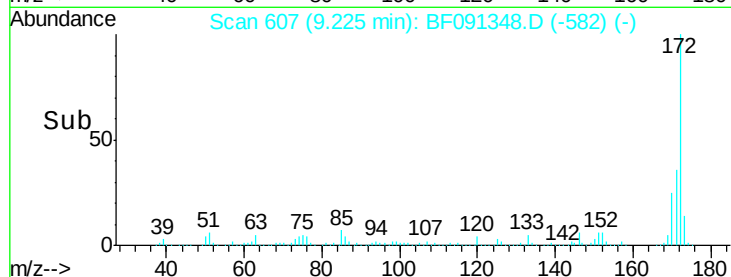
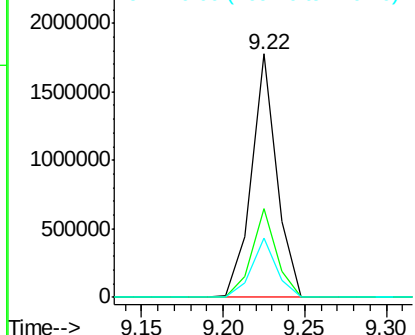
#44
2-Fluorobiphenyl
Concen: 88.77 ng
RT: 9.22 min Scan# 607
Delta R.T. -0.02 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1914862
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.5 19.7 29.5

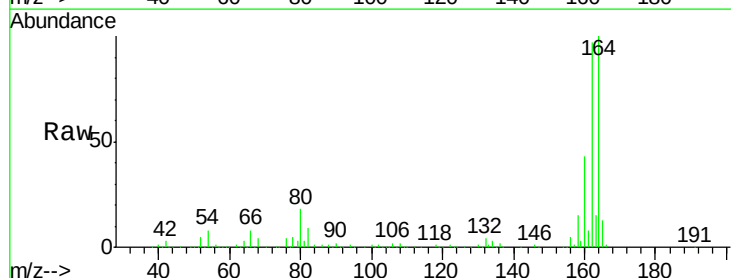


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

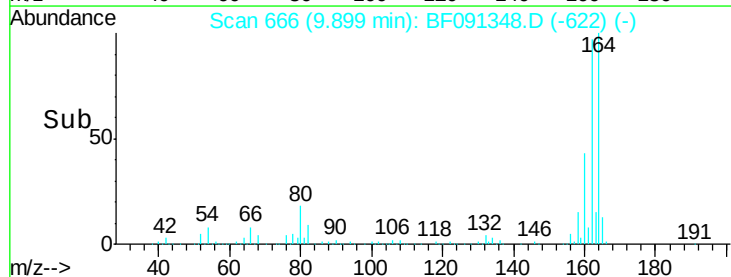
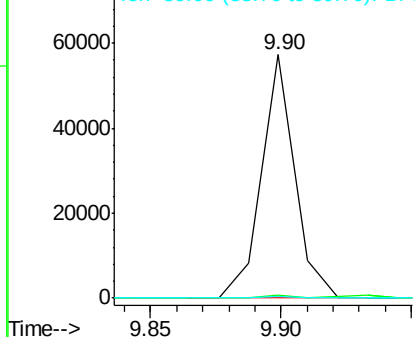


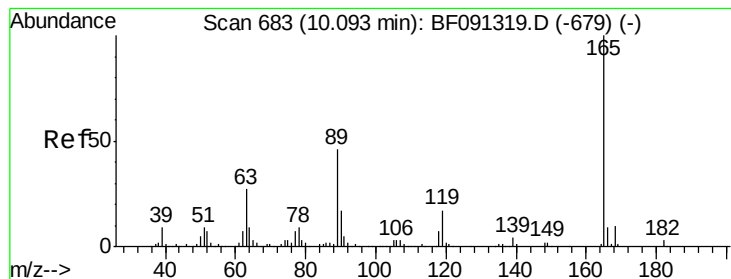
#50
2,6-Dinitrotoluene
Concen: 9.67 ng
RT: 9.90 min Scan# 666
Delta R.T. 0.20 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Tgt Ion:165 Resp: 51094
Ion Ratio Lower Upper
165 100
63 1.0 59.4 89.0#
89 0.9 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: 7.45 ng

RT: 9.90 min Scan# 666

Delta R.T. -0.20 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 51097

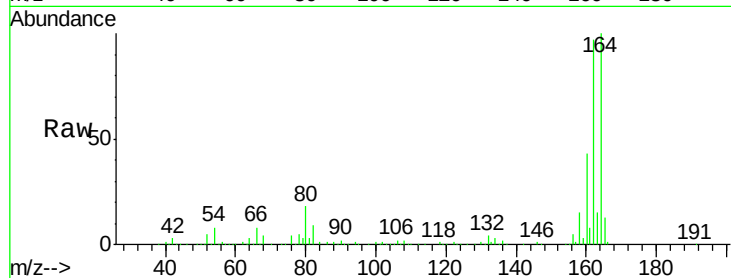
Ion Ratio Lower Upper

165 100

63 1.0 29.0 43.4#

89 0.9 43.1 64.7#

182 0.0 1.9 2.9#

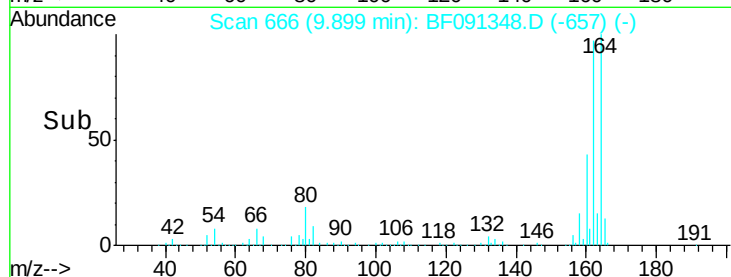


Abundance Ion 165.00 (164.70 to 165.70): E

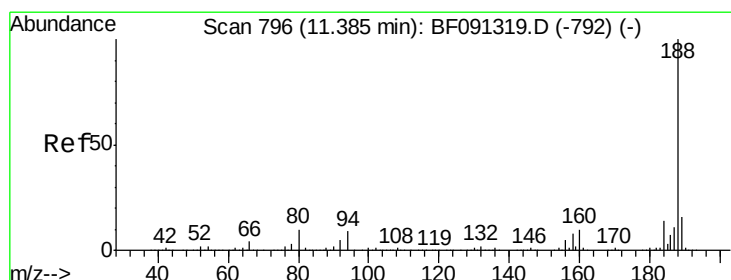
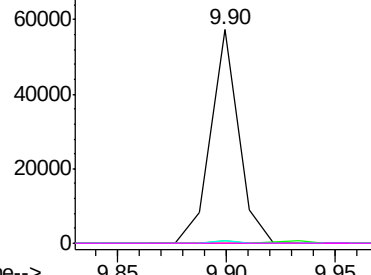
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF091348.D

Acq: 30 Nov 2016 12:23

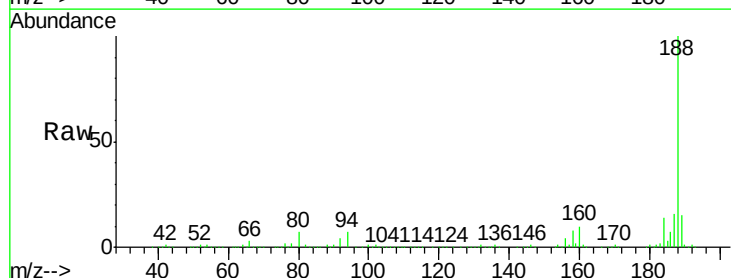
Tgt Ion:188 Resp: 682653

Ion Ratio Lower Upper

188 100

94 6.5 9.2 13.8#

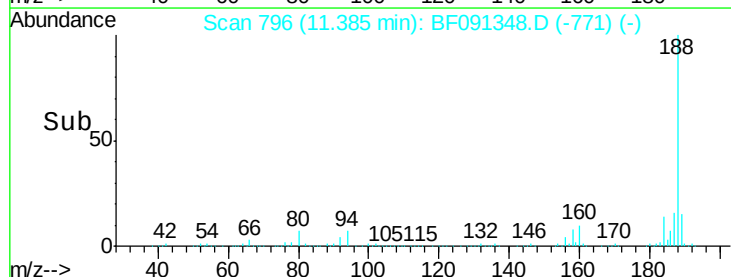
80 6.5 10.5 15.7#



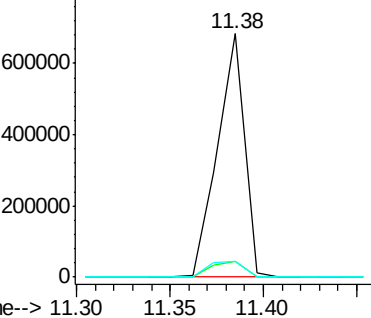
Abundance Ion 188.00 (187.70 to 188.70): E

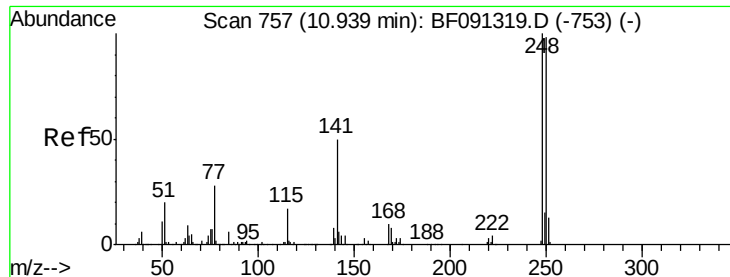
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

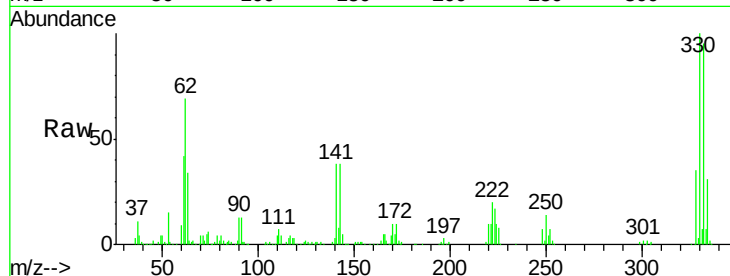




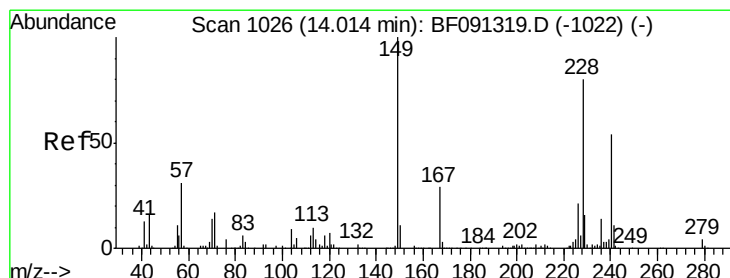
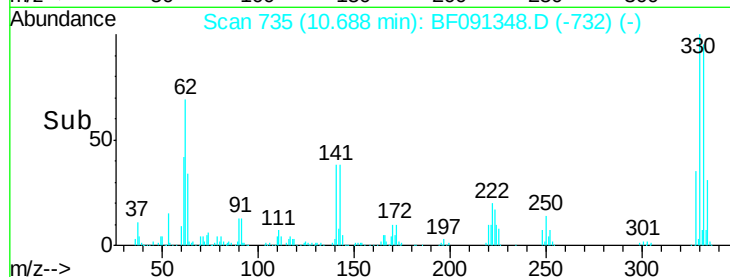
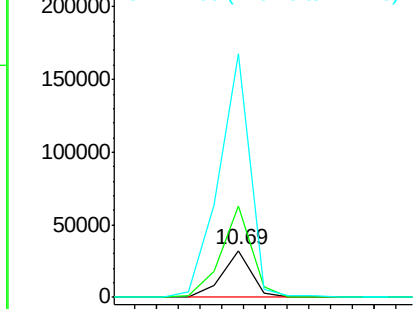
#66
4-Bromophenyl-phenylether
Concen: 4.14 ng
RT: 10.69 min Scan# 735
Delta R.T. -0.27 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 30369
Ion Ratio Lower Upper
248 100
250 195.4 78.2 117.4#
141 520.0 71.9 107.9#

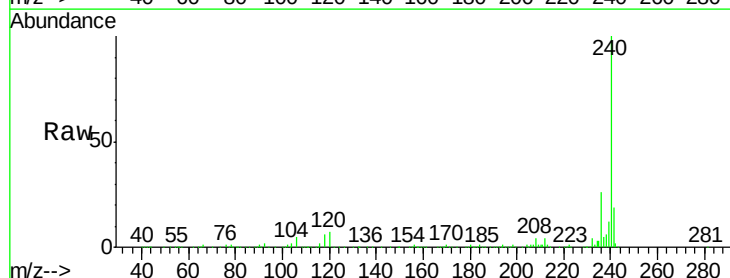


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

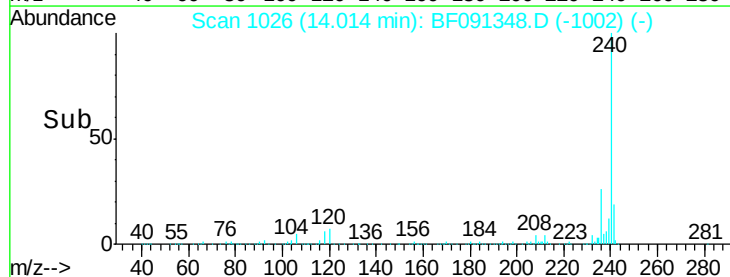
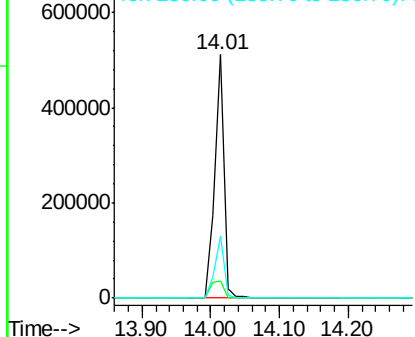


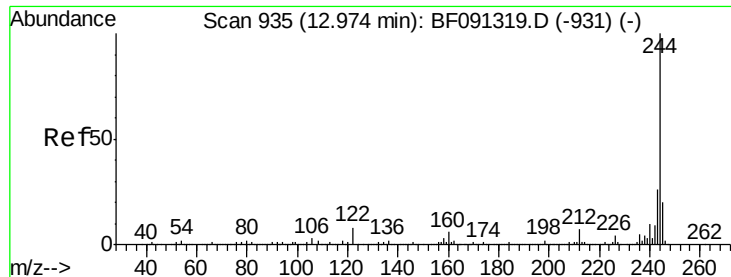
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BF091348.D
Acq: 30 Nov 2016 12:23

Tgt Ion:240 Resp: 492947
Ion Ratio Lower Upper
240 100
120 7.0 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

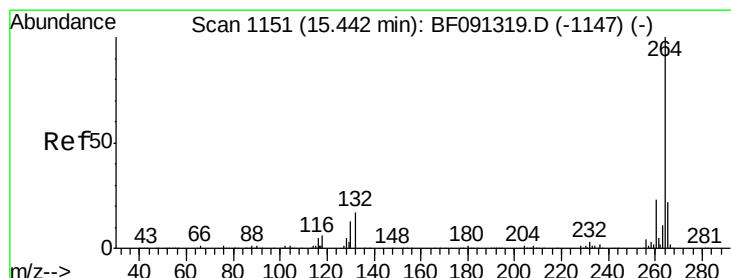
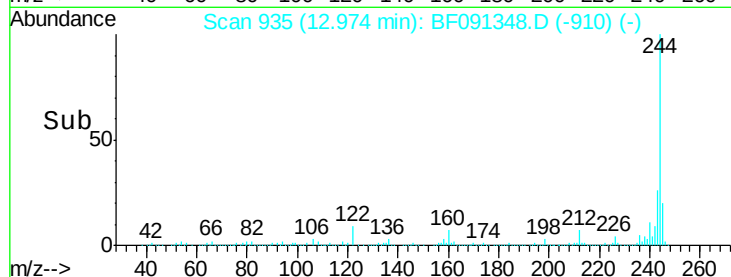
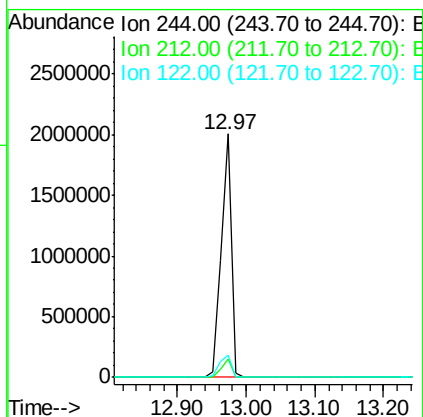
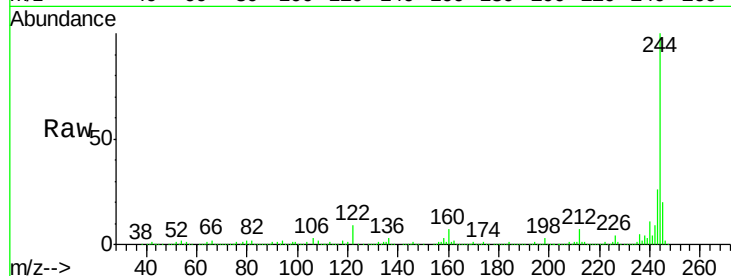




#78
 Terphenyl-d14
 Concen: 93.04 ng
 RT: 12.97 min Scan# 935
 Delta R.T. -0.02 min
 Lab File: BF091348.D
 Acq: 30 Nov 2016 12:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 2110073
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 9.1 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1151
 Delta R.T. -0.03 min
 Lab File: BF091348.D
 Acq: 30 Nov 2016 12:23

Tgt Ion:264 Resp: 373690
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.8 28.2
 265 21.0 17.0 25.6

