

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101614.D
 Acq On : 21 Dec 2017 18:33
 Operator : SJ/JU
 Sample : I6681-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 00:51:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

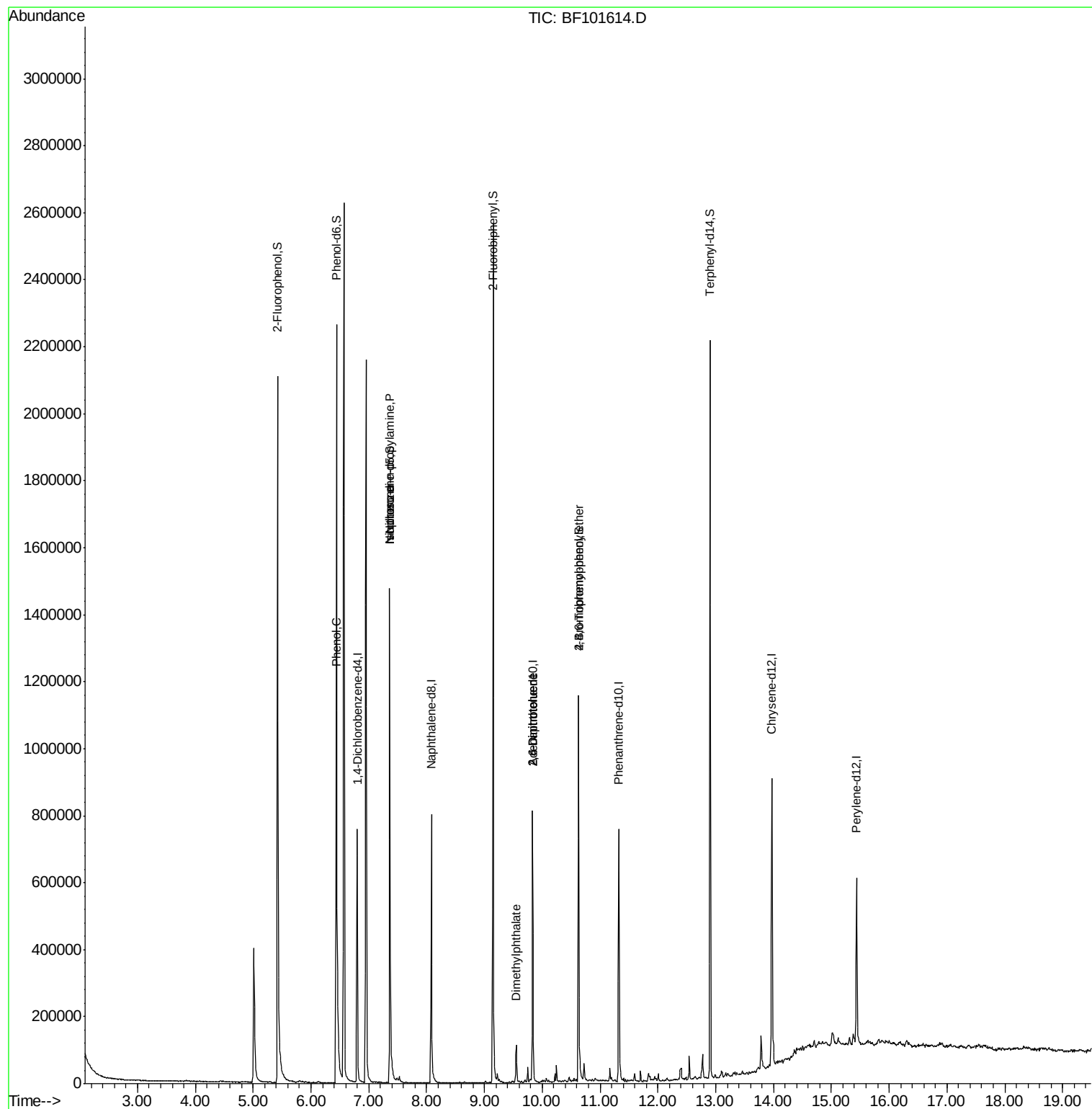
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	121804	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	436063	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	161917	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	280594	20.00	ng	0.00
75) Chrysene-d12	13.97	240	305806	20.00	ng	0.00
86) Perylene-d12	15.44	264	248607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	774542	94.72	ng	0.01
7) Phenol-d6	6.44	99	891514	87.60	ng	0.00
23) Nitrobenzene-d5	7.36	82	543626	69.40	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	139925	89.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	798094	76.46	ng	0.00
78) Terphenyl-d14	12.90	244	710300	56.00	ng	0.00
Target Compounds						
10) Phenol	6.45	94	33199	2.862	ng	# 63
19) n-Nitroso-di-n-propylamine	7.36	70	72098	10.788	ng	# 83
25) Isophorone	7.36	82	543660	34.596	ng	# 64
49) Dimethylphthalate	9.55	163	49267	3.783	ng	# 99
50) 2,6-Dinitrotoluene	9.83	165	20179	7.623	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	20179	6.766	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	8855	2.809	ng	# 1

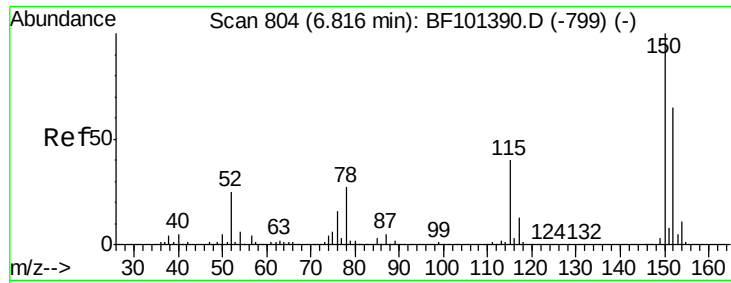
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101614.D
Acq On : 21 Dec 2017 18:33
Operator : SJ/JU
Sample : I6681-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 22 00:51:46 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration



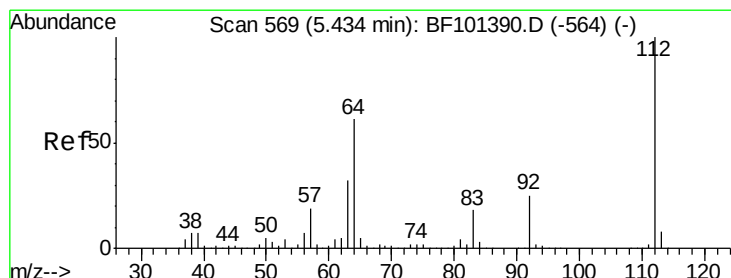
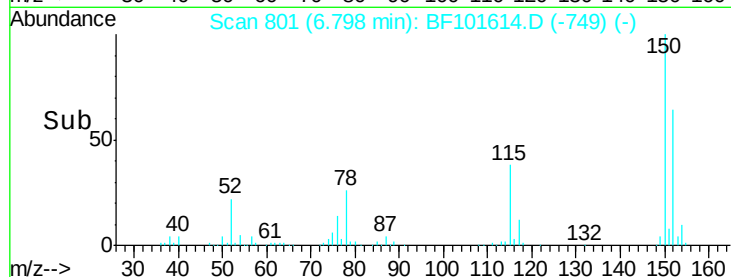
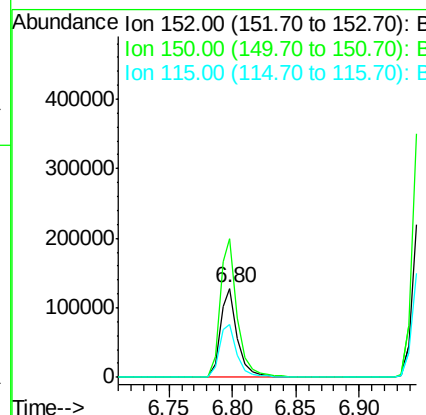
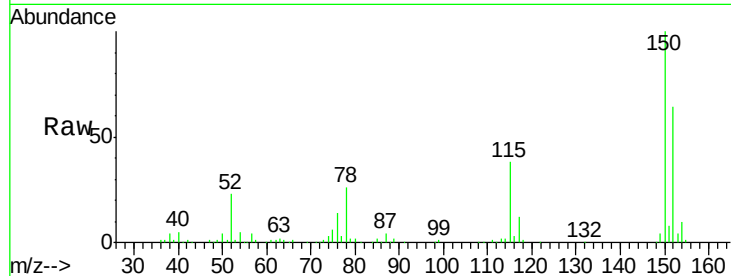


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampled :

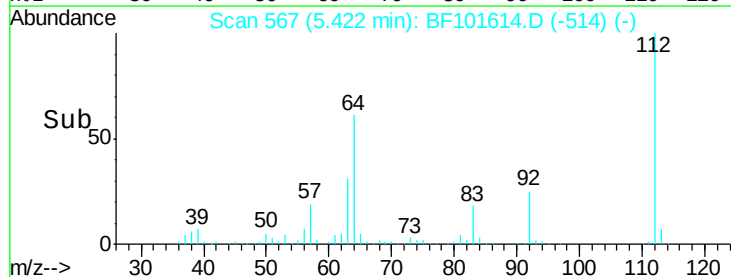
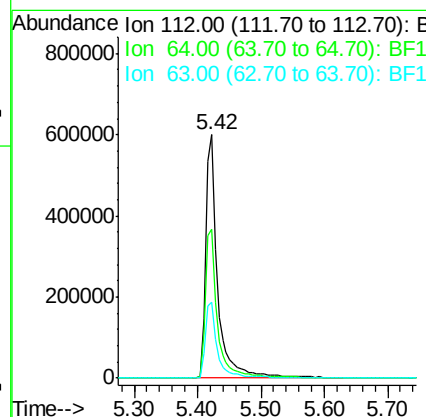
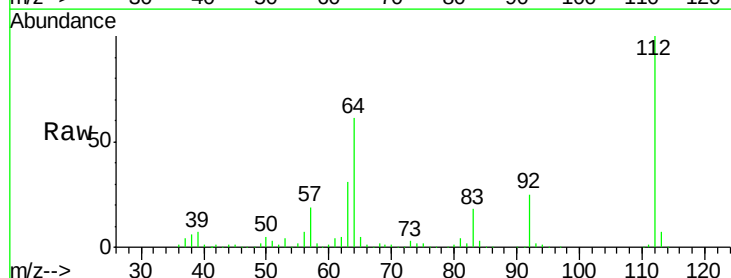
Tot Ion:152 Resp: 121804
Ion Ratio Lower Upper
152 100
150 155.1 124.6 186.8
115 58.8 50.1 75.1

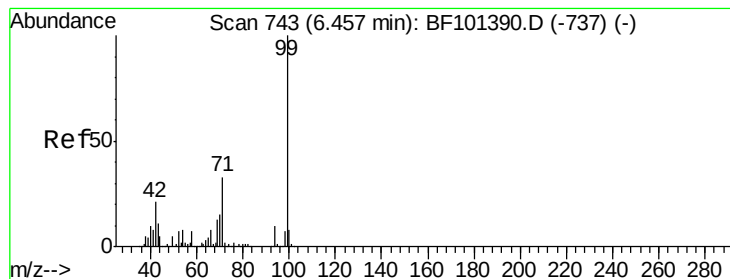


#5

2-Fluorophenol
Concen: 94.721 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:112 Resp: 774542
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.4 23.7 35.5





#7

Phenol-d6

Concen: 87.604 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

Instrument :

BNA_F

ClientSampleId :

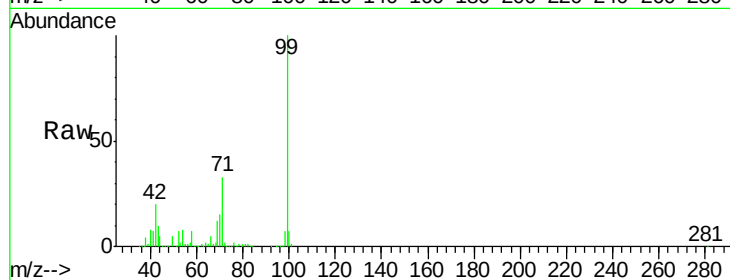
Tot Ion: 99 Resp: 891514

Ion Ratio Lower Upper

99 100

42 20.4 14.5 21.7

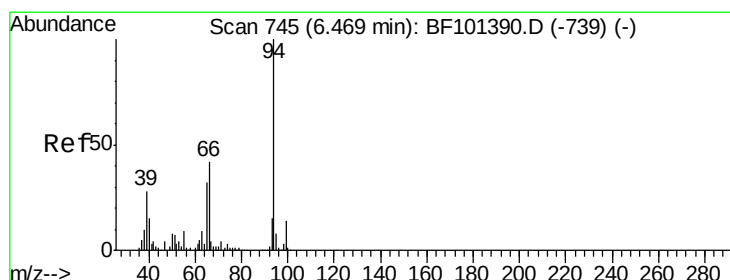
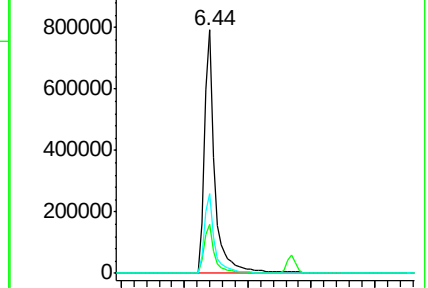
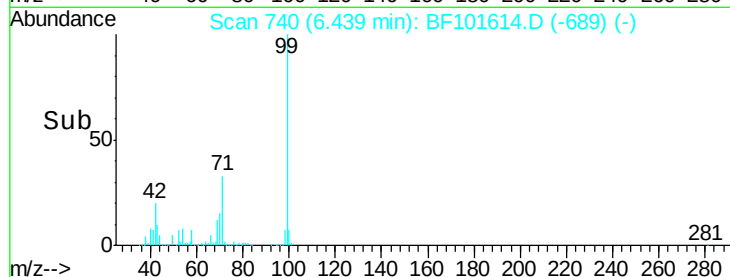
71 32.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.862 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

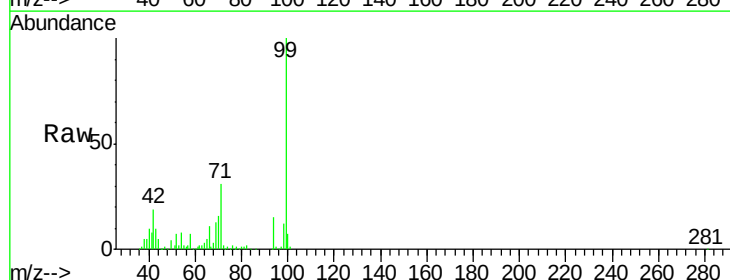
Tgt Ion: 94 Resp: 33199

Ion Ratio Lower Upper

94 100

65 35.4 7.9 47.9

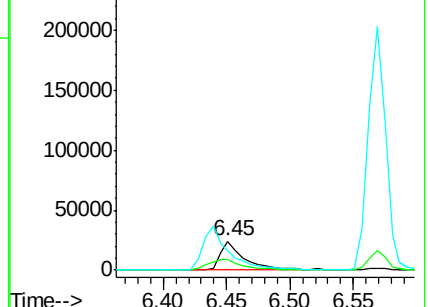
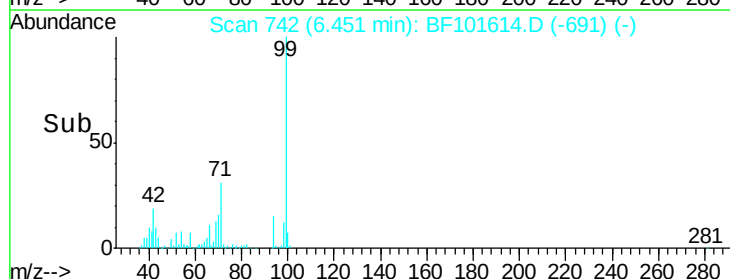
66 68.5 16.2 56.2#

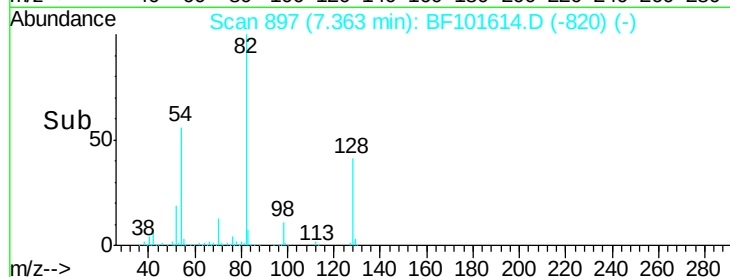
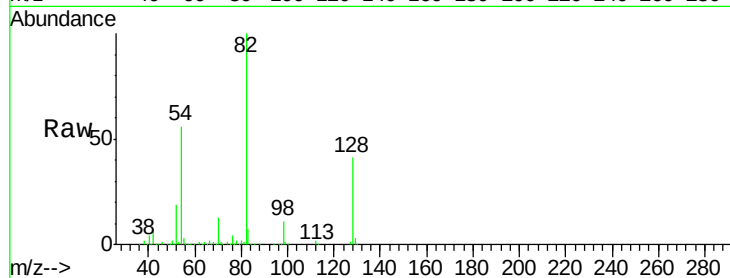
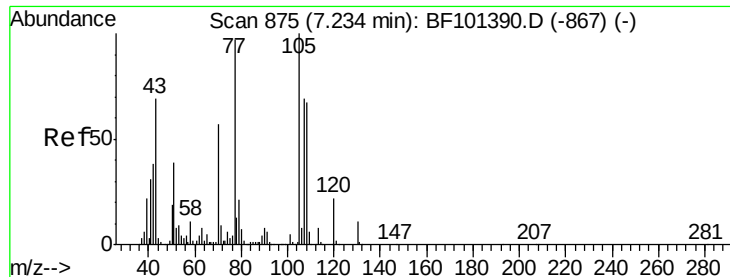


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

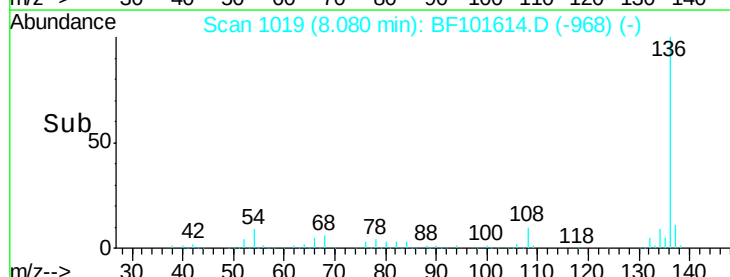
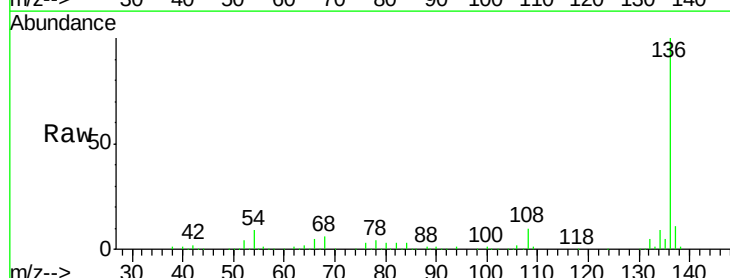
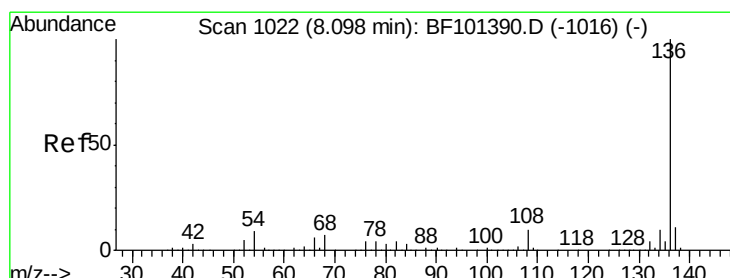
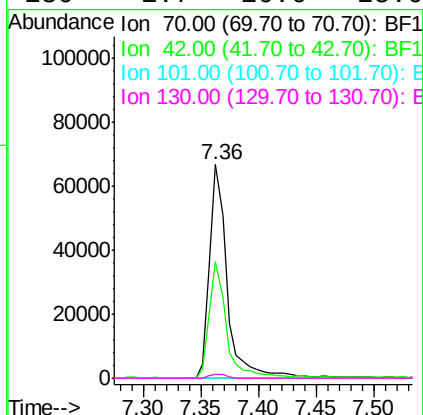




#19
n-Nitroso-di-n-propylamine
Concen: 10.788 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.15 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

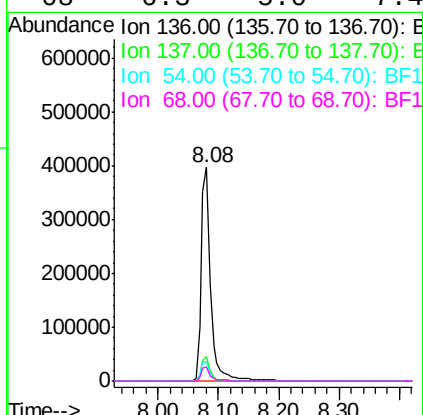
Instrument :
BNA_F
ClientSampled :

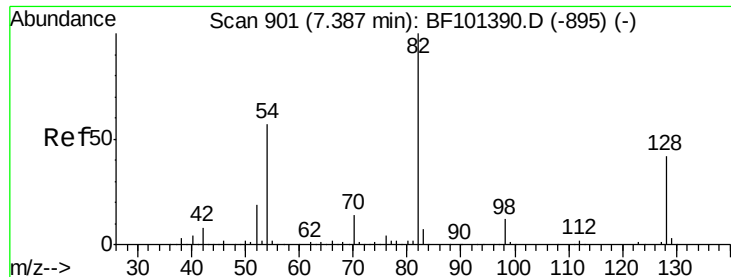
Tot Ion: 70 Resp: 72098
Ion Ratio Lower Upper
70 100
42 54.5 47.5 71.3
101 0.0 7.4 11.2#
130 1.7 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion: 136 Resp: 436063
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 8.8 6.6 9.8
68 6.3 5.0 7.4

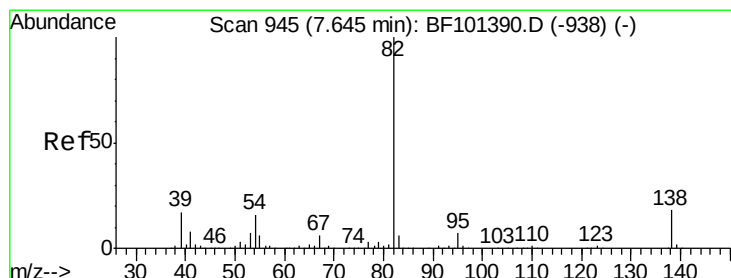
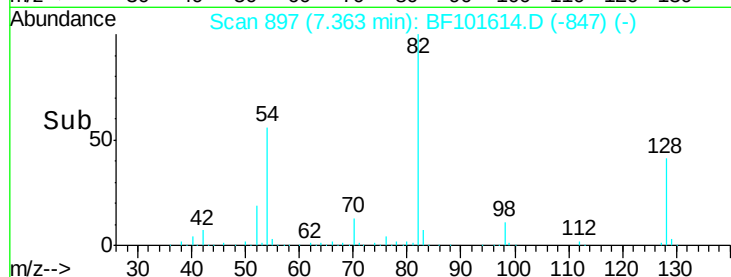
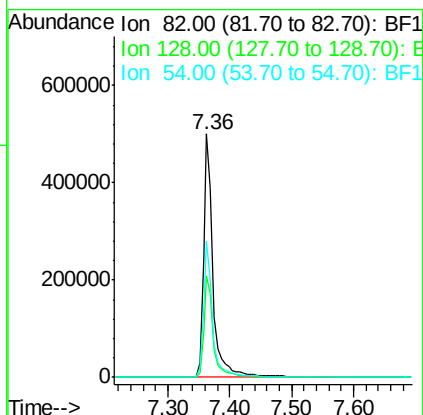
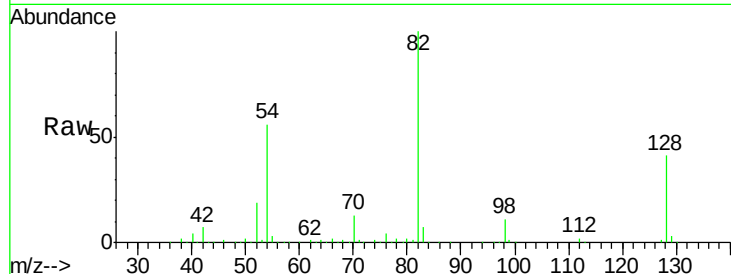




#23
Nitrobenzene-d5
Concen: 69.397 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

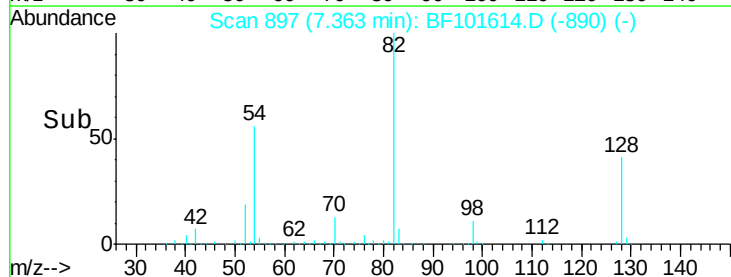
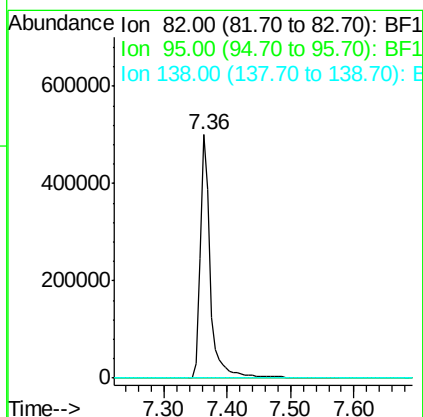
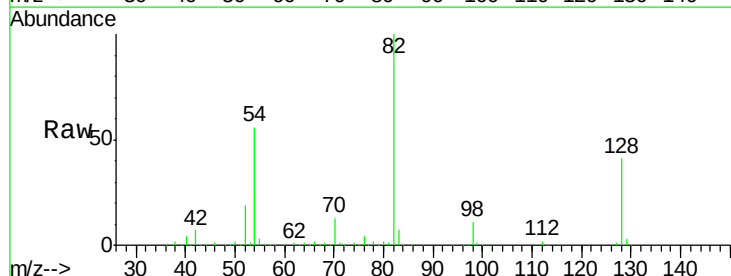
Instrument :
BNA_F
ClientSampleId :

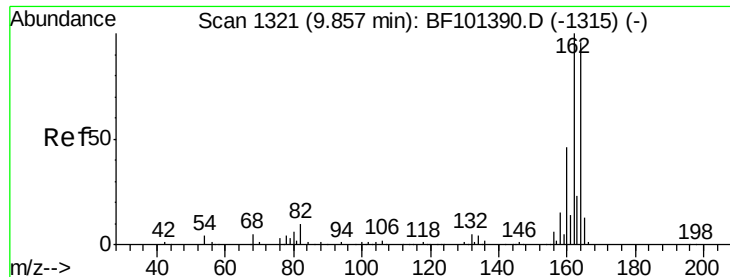
Tot Ion: 82 Resp: 543626
Ion Ratio Lower Upper
82 100
128 41.5 36.1 54.1
54 56.1 41.4 62.2



#25
Isophorone
Concen: 34.596 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.26 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion: 82 Resp: 543660
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

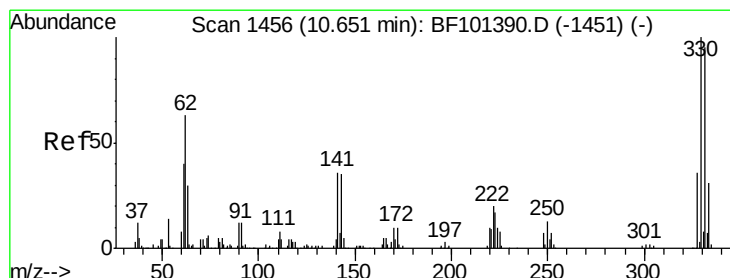
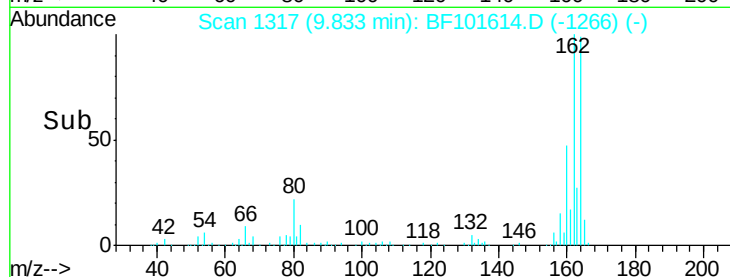
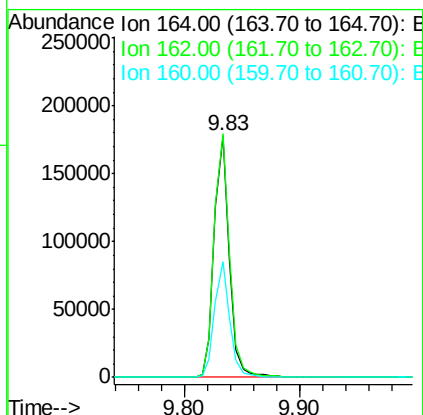
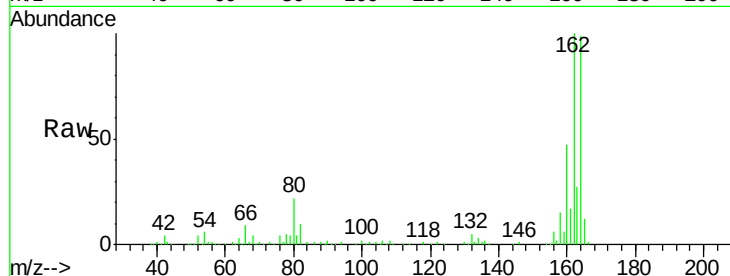




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BF101614.D
 Acq: 21 Dec 2017 18:33

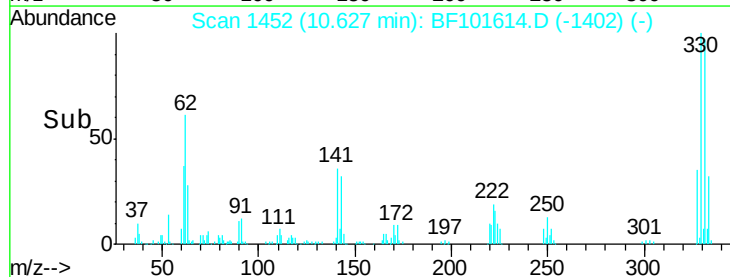
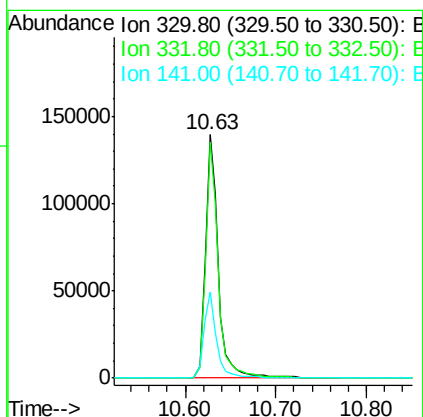
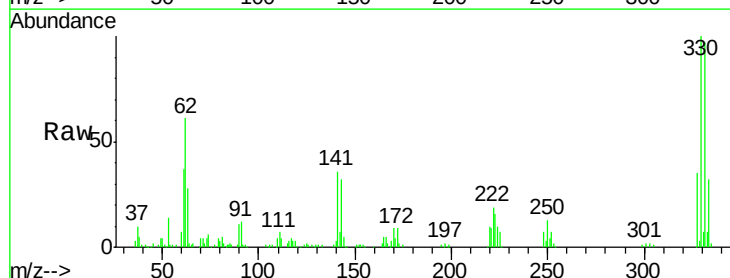
Instrument :
 BNA_F
 ClientSampleId :

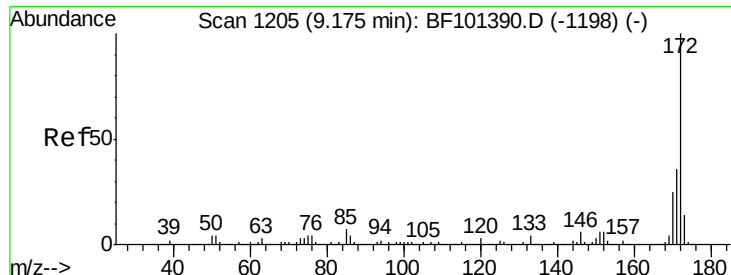
Tot Ion:164 Resp: 161917
 Ion Ratio Lower Upper
 164 100
 162 101.0 86.1 129.1
 160 47.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 89.684 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101614.D
 Acq: 21 Dec 2017 18:33

Tgt Ion:330 Resp: 139925
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 35.2 29.9 44.9

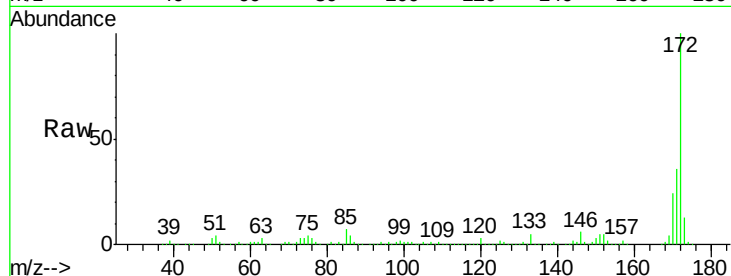




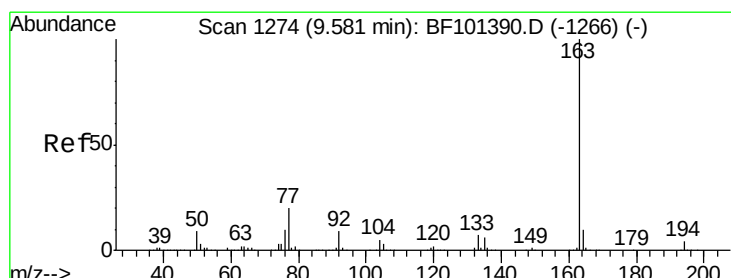
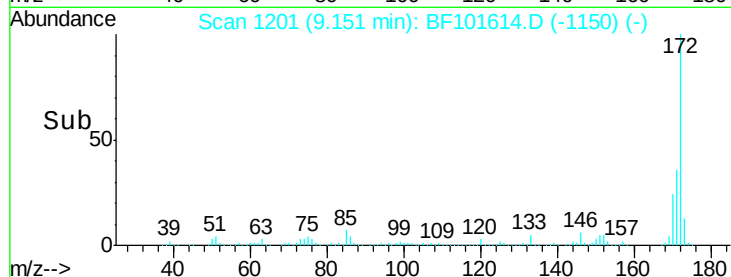
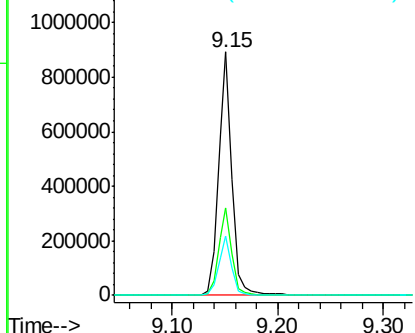
#44
2-Fluorobiphenyl
Concen: 76.461 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 798094
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.4 19.6 29.4

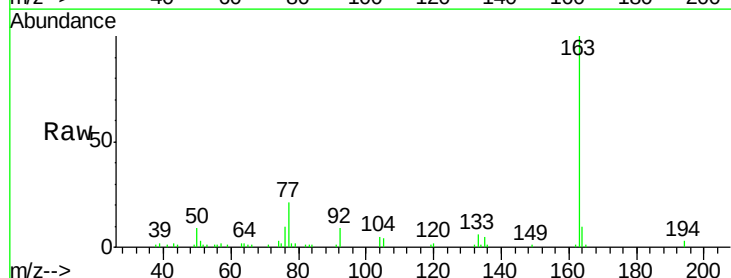


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

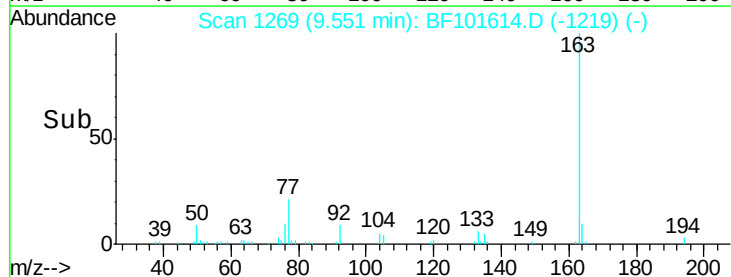
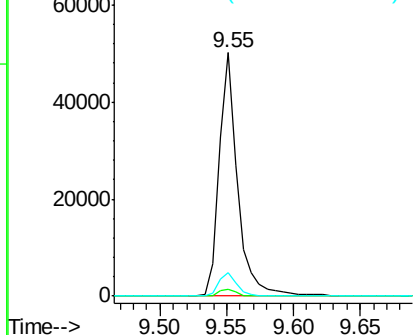


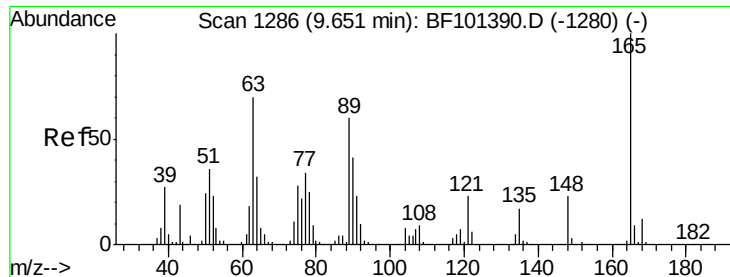
#49
Dimethylphthalate
Concen: 3.783 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:163 Resp: 49267
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 9.9 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#50

2,6-Dinitrotoluene

Concen: 7.623 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

Instrument :

BNA_F

ClientSampleId :

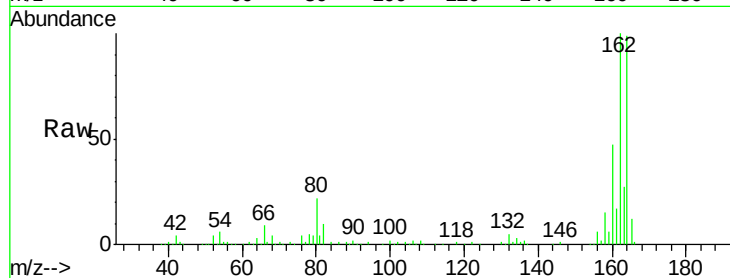
Tot Ion:165 Resp: 20179

Ion Ratio Lower Upper

165 100

63 1.6 44.7 67.1#

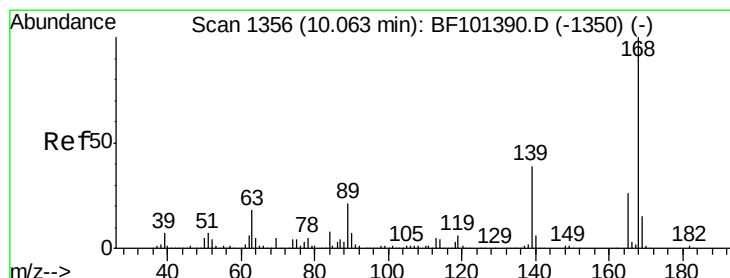
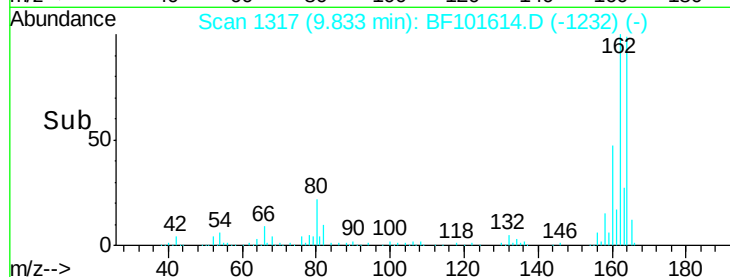
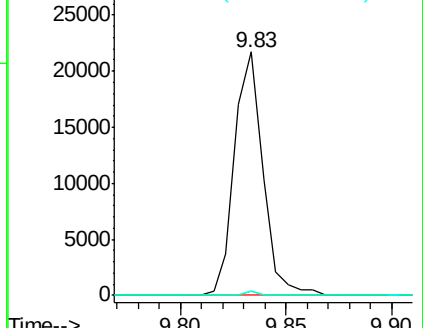
89 1.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.766 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

Tgt Ion:165 Resp: 20179

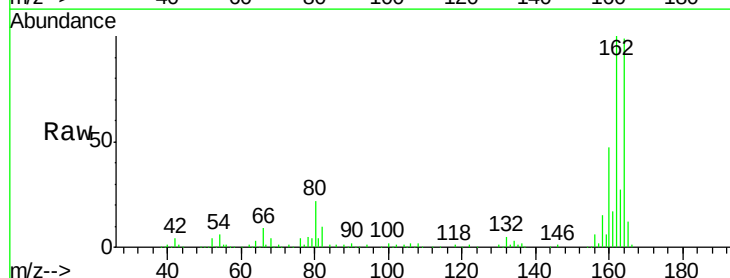
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

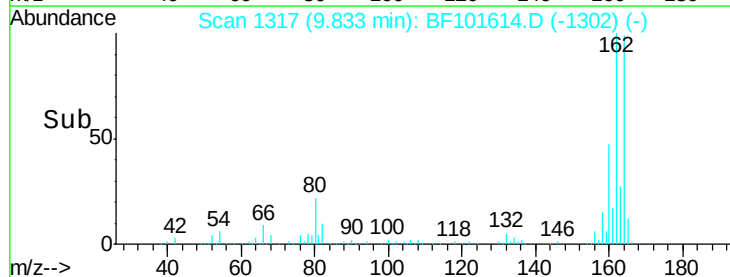
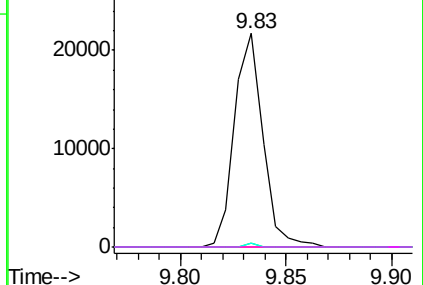


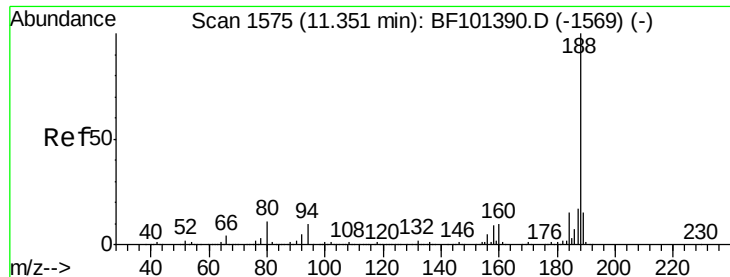
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

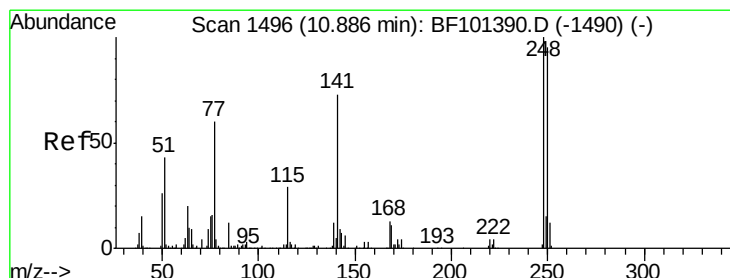
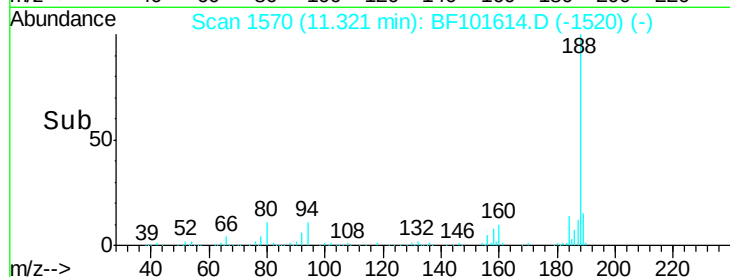
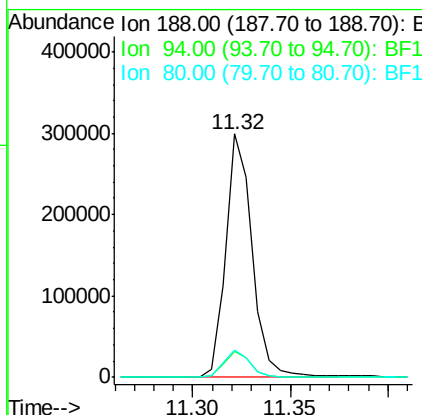
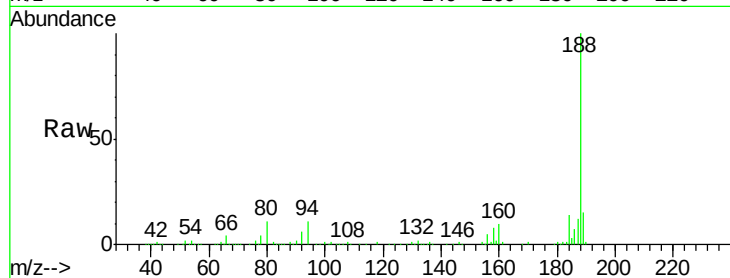




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

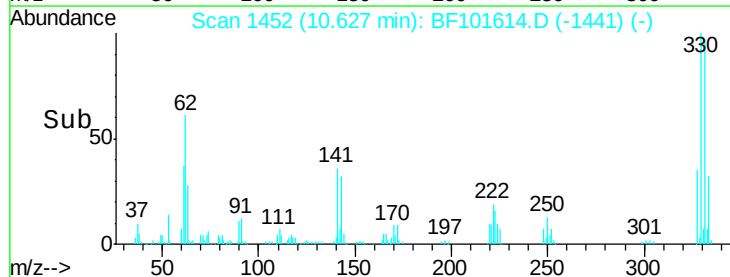
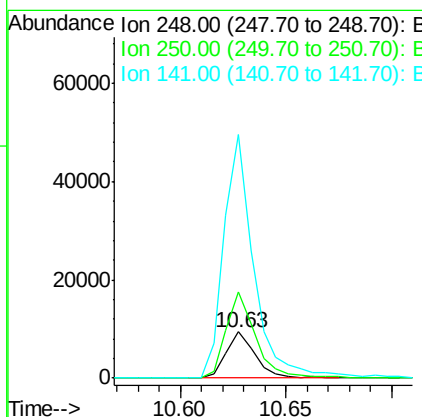
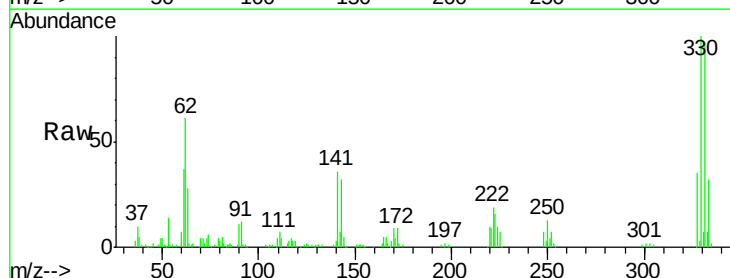
Instrument :
BNA_F
ClientSampleId :

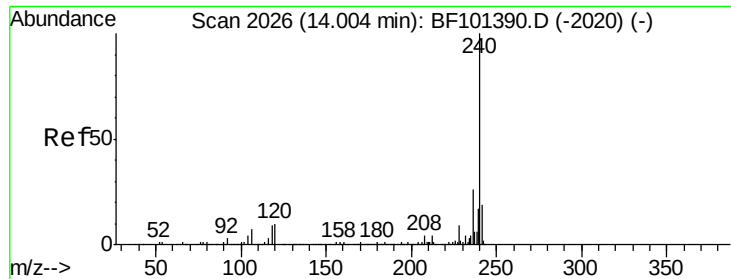
Tot Ion:188 Resp: 280594
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 11.2 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.809 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Tgt Ion:248 Resp: 8855
Ion Ratio Lower Upper
248 100
250 188.6 76.9 115.3#
141 530.1 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

Instrument :

BNA_F

ClientSampleId :

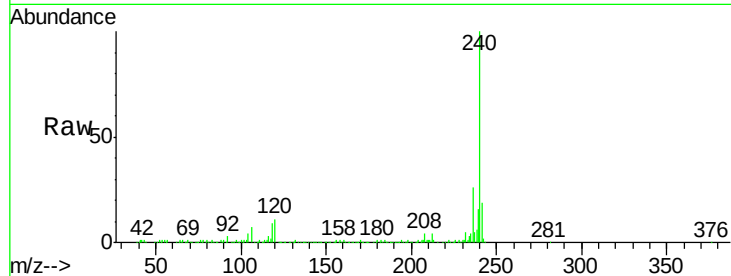
Tot Ion:240 Resp: 305806

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

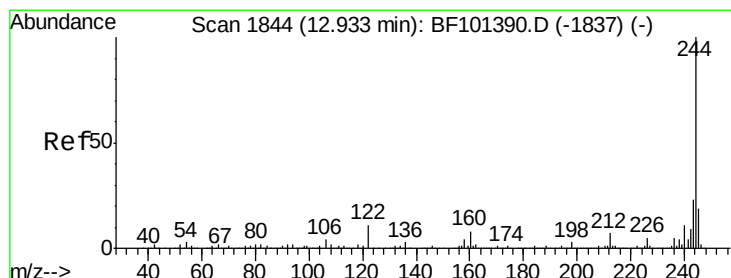
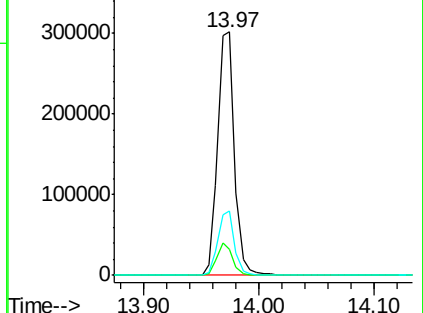
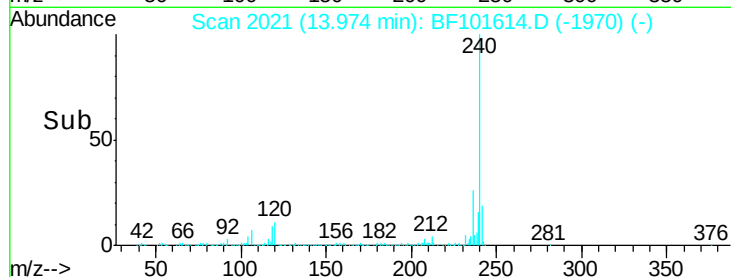
236 26.3 20.7 31.1



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: 55.995 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101614.D

Acq: 21 Dec 2017 18:33

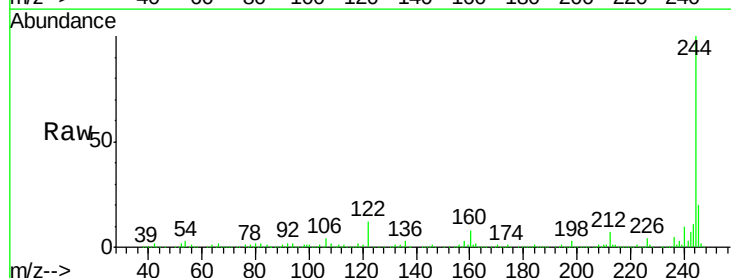
Tgt Ion:244 Resp: 710300

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

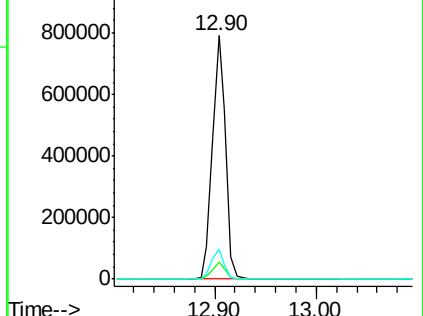
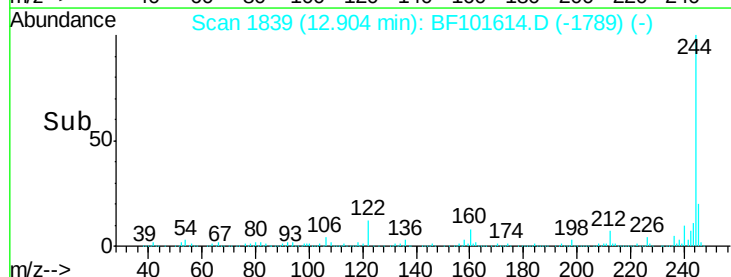
122 12.3 11.0 16.4

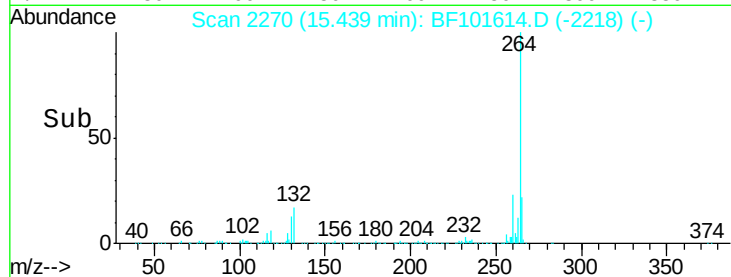
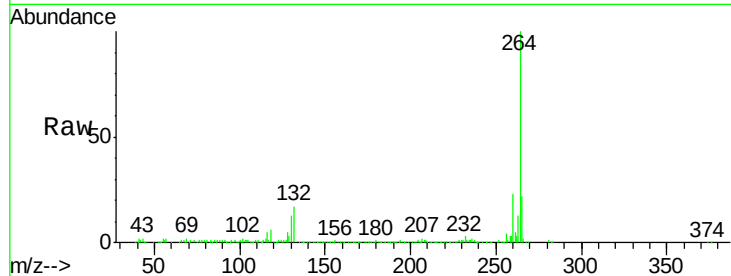
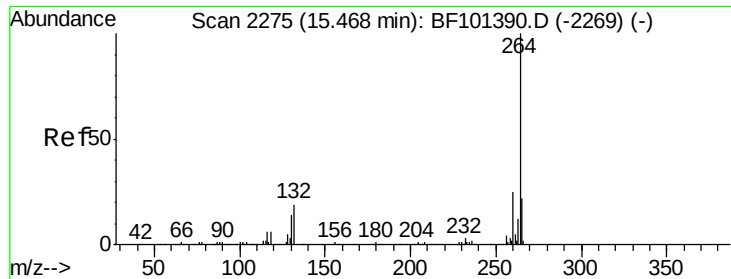


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101614.D
Acq: 21 Dec 2017 18:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	22.5	17.5	26.3

