

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101634.D
 Acq On : 22 Dec 2017 4:54
 Operator : SJ/JU
 Sample : I7008-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 05:58:48 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

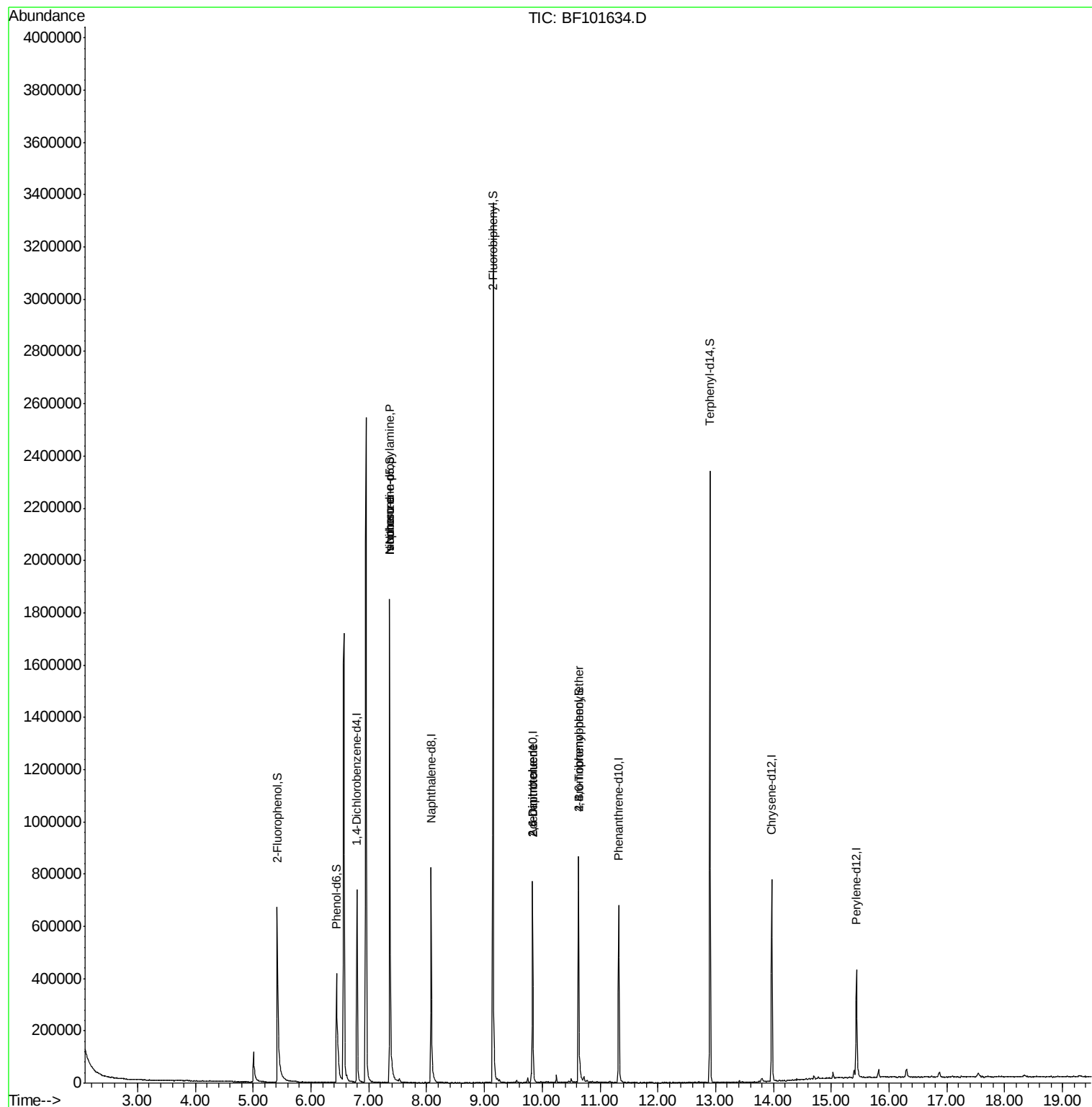
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	124209	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	456941	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	170859	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267921	20.00	ng	0.00
75) Chrysene-d12	13.97	240	280890	20.00	ng	0.00
86) Perylene-d12	15.43	264	230542	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	323026	38.74	ng	0.00
7) Phenol-d6	6.44	99	229185	22.08	ng	0.00
23) Nitrobenzene-d5	7.36	82	734843	89.52	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	121700	73.92	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1127370	102.35	ng	0.00
78) Terphenyl-d14	12.90	244	803634	68.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	97021	14.236	ng	# 82
25) Isophorone	7.36	82	735619	44.672	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	22061	7.898	ng	# 26
56) 2,4-Dinitrotoluene	9.83	165	22061	7.010	ng	# 24
66) 4-Bromophenyl-phenylether	10.63	248	7537	2.504	ng	# 1

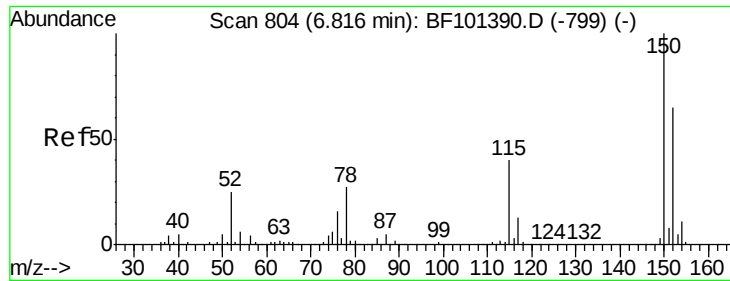
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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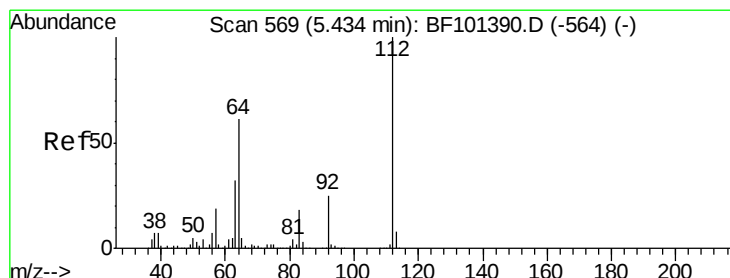
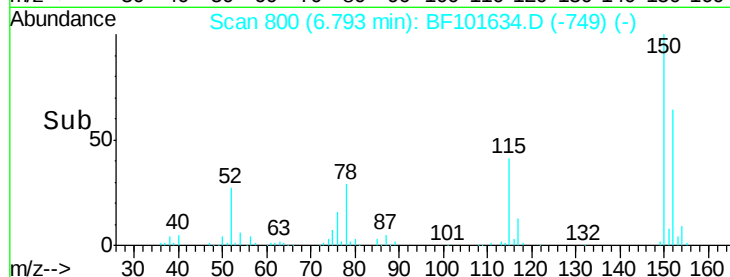
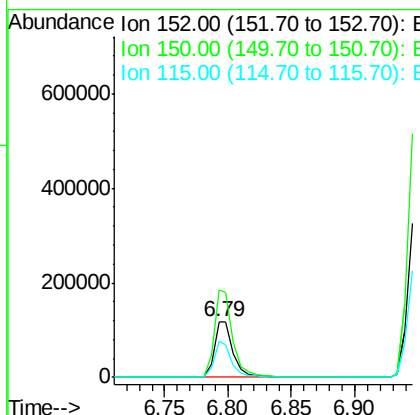
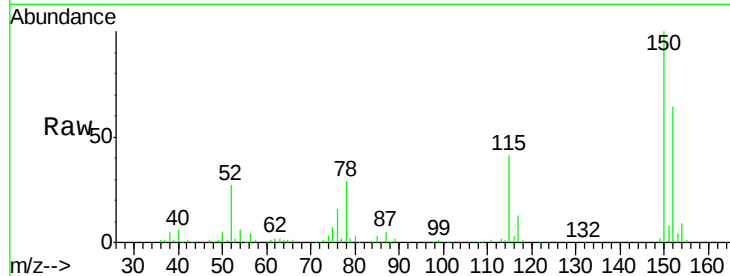


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Instrument :
BNA_F
ClientSampleId :

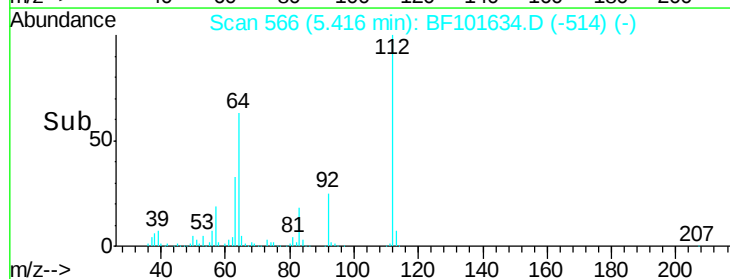
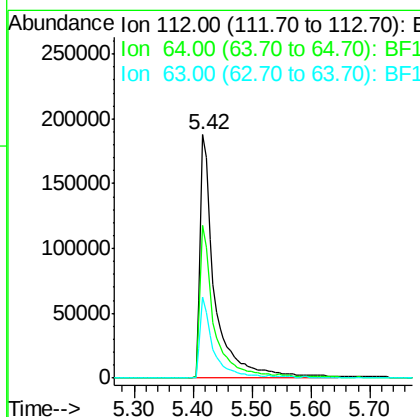
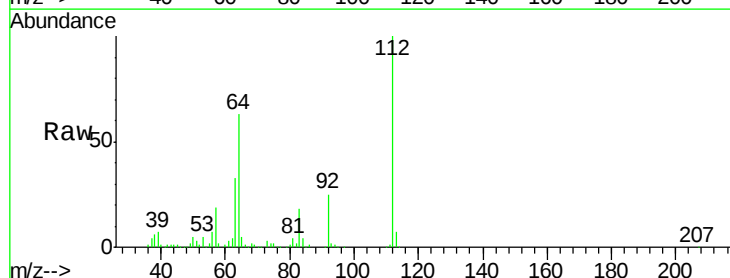
Tot Ion:152 Resp: 124209
Ion Ratio Lower Upper
152 100
150 155.8 124.6 186.8
115 63.8 50.1 75.1

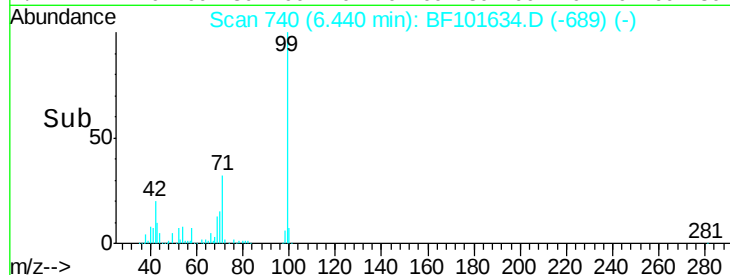
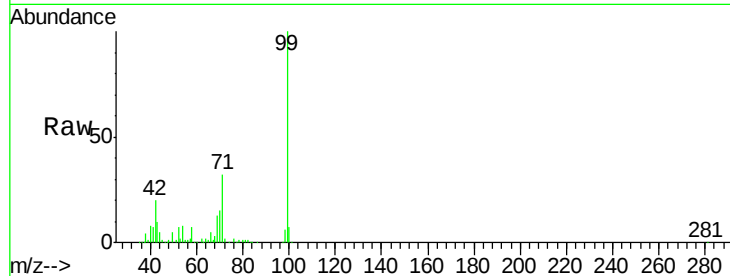
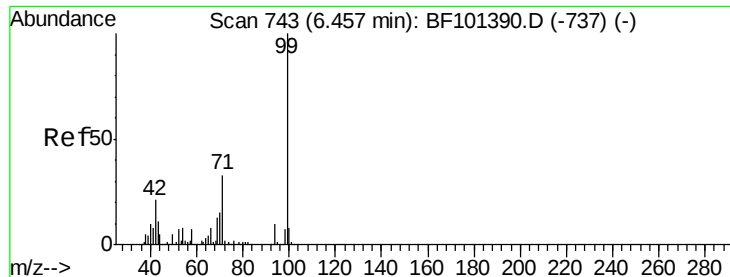


#5

2-Fluorophenol
Concen: 38.739 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Tgt Ion:112 Resp: 323026
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 33.1 23.7 35.5





#7

Phenol-d6

Concen: 22.085 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

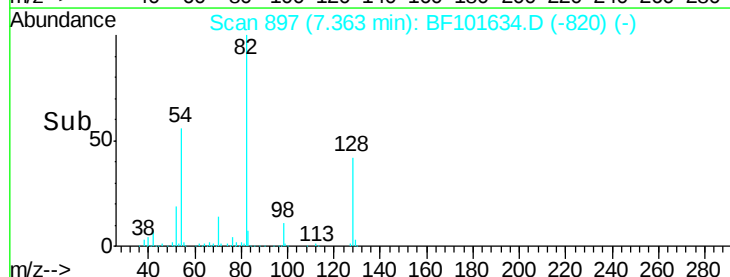
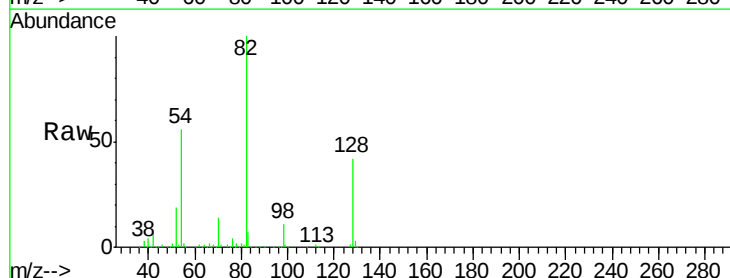
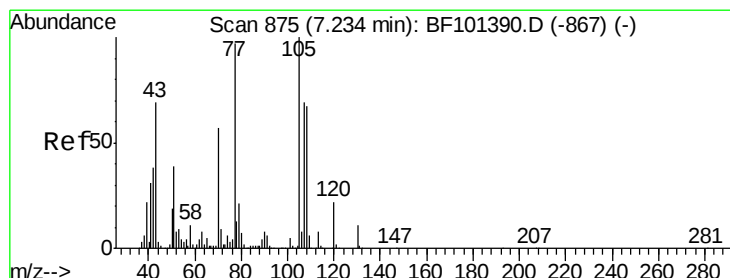
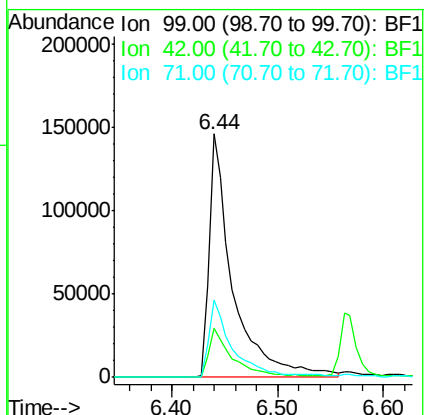
Tot Ion: 99 Resp: 229185

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

71 31.8 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.236 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Tgt Ion: 70 Resp: 97021

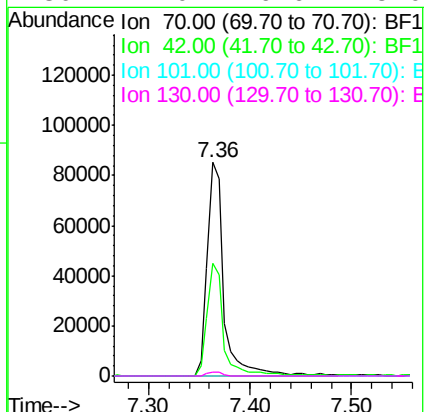
Ion Ratio Lower Upper

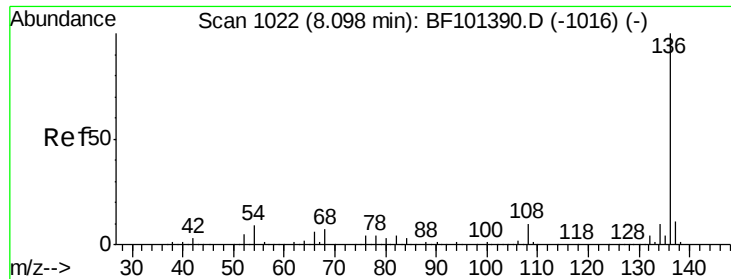
70 100

42 52.7 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

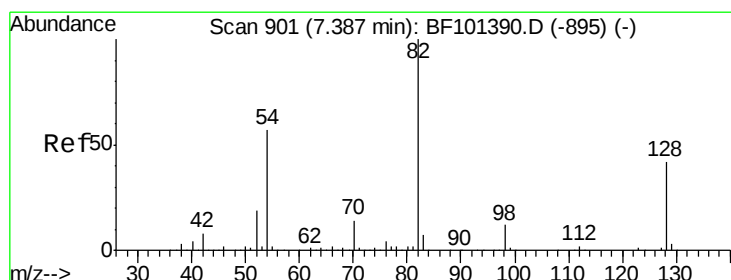
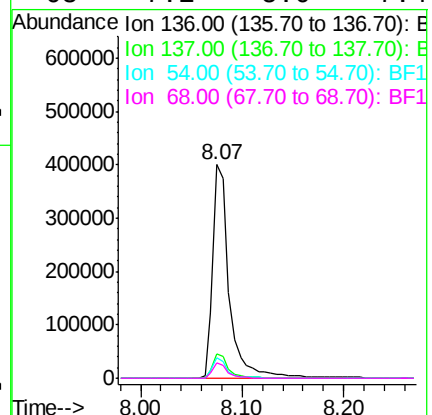
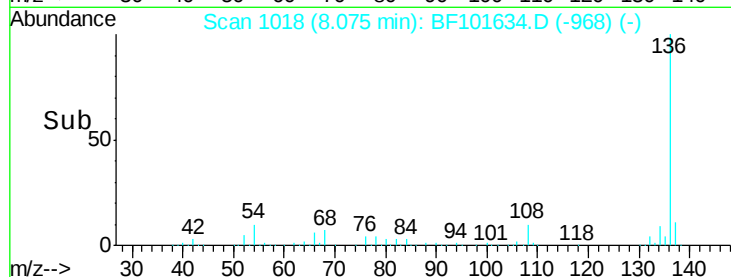
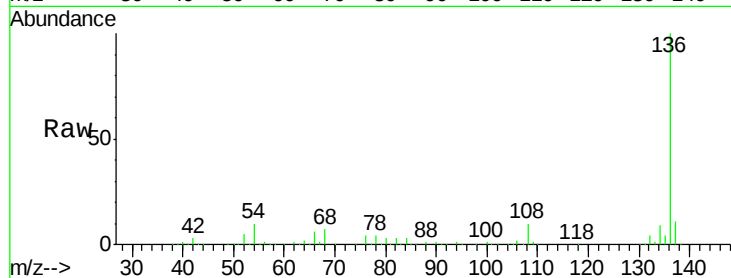




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

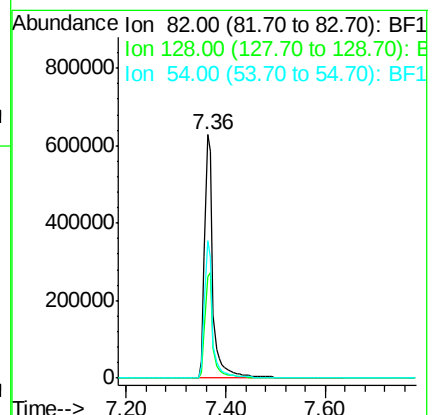
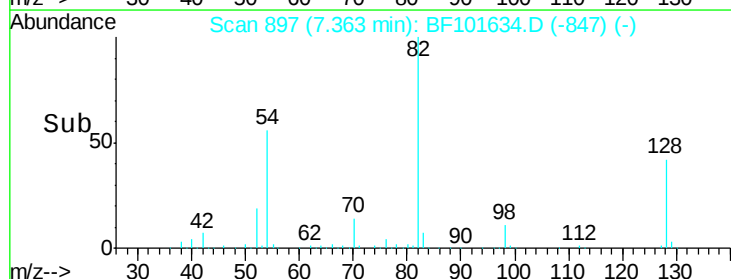
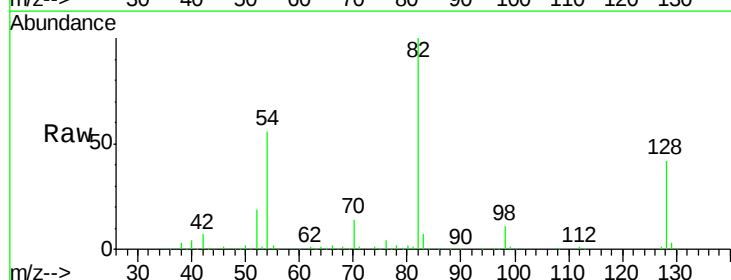
Instrument :
BNA_F
ClientSampleId :

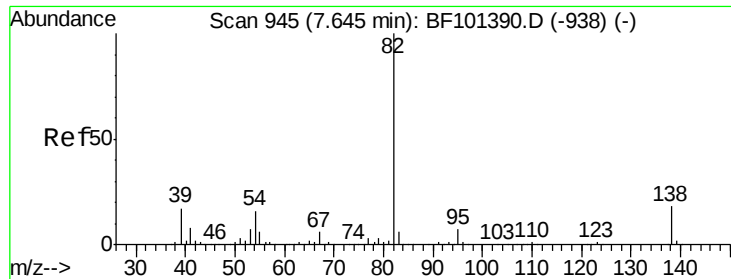
Tot Ion:136	Resp:	456941
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.9 13.3
54	9.6	6.6 9.8
68	7.1	5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.521 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Tgt Ion: 82	Resp:	734843
Ion Ratio	Lower	Upper
82	100	
128	41.5	36.1 54.1
54	56.2	41.4 62.2





#25

Isophorone

Concen: 44.672 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

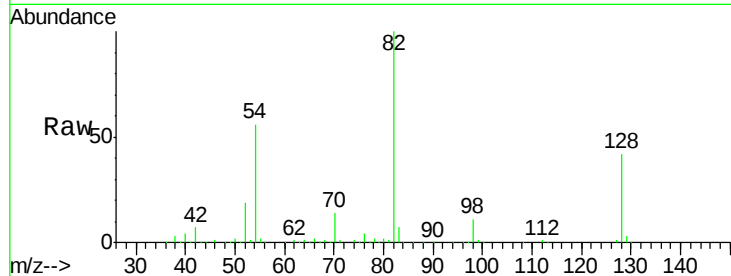
Tot Ion: 82 Resp: 735619

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

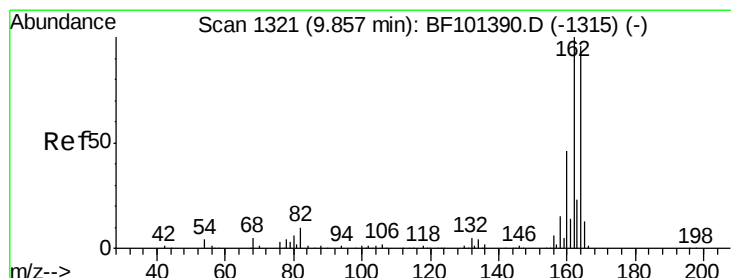
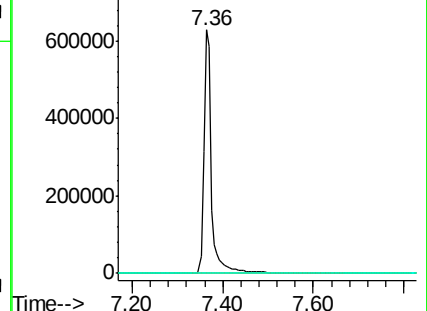
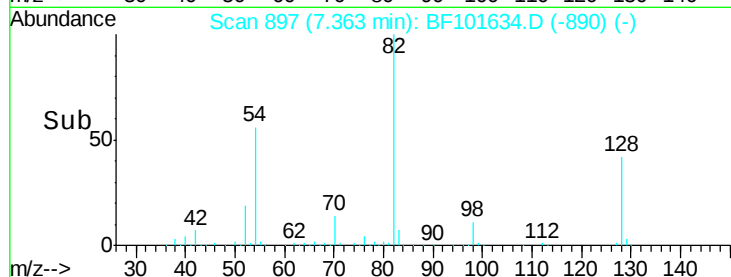
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

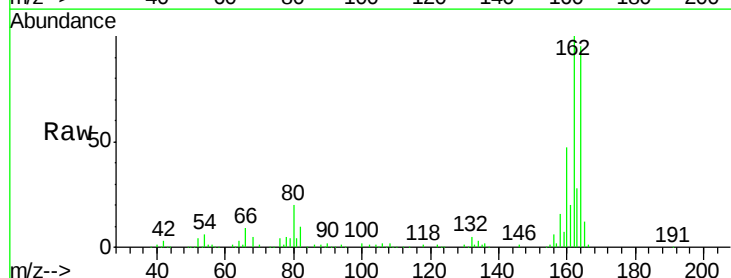
Tgt Ion: 164 Resp: 170859

Ion Ratio Lower Upper

164 100

162 105.5 86.1 129.1

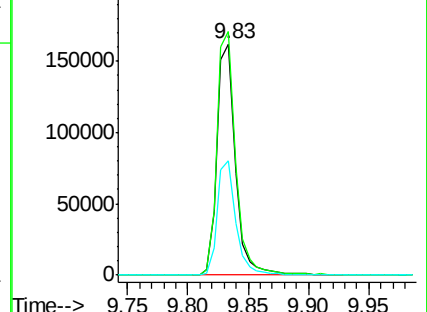
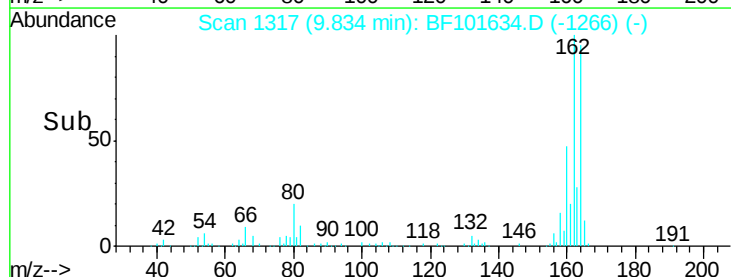
160 49.5 38.3 57.5

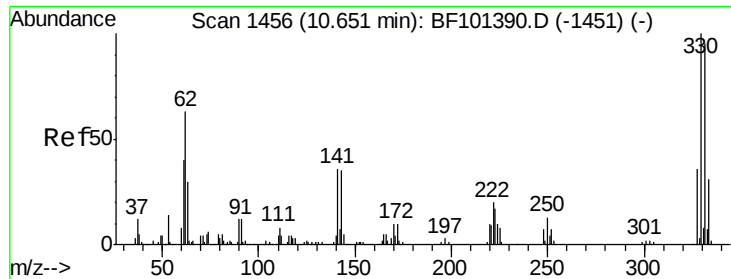


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

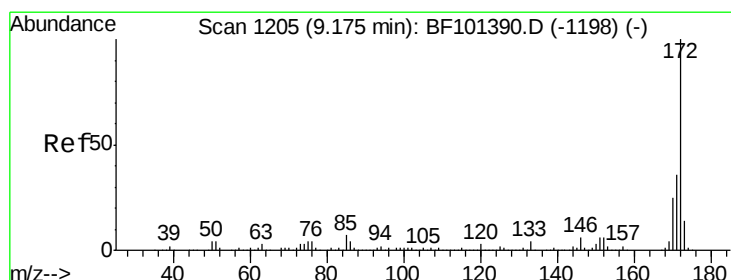
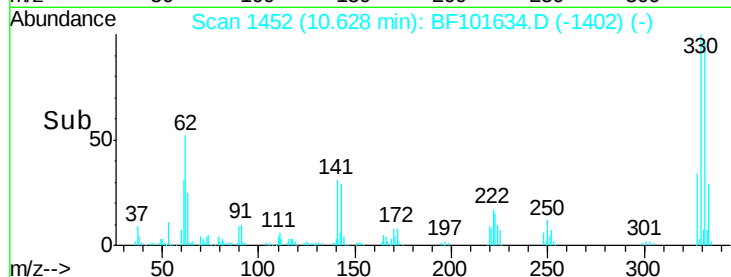
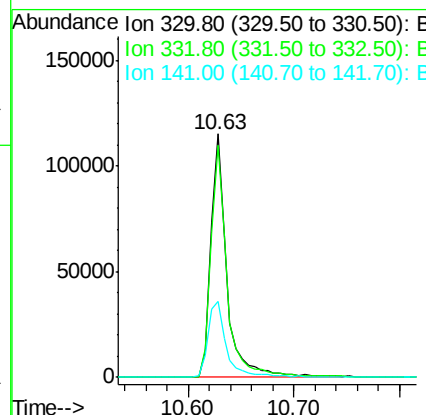
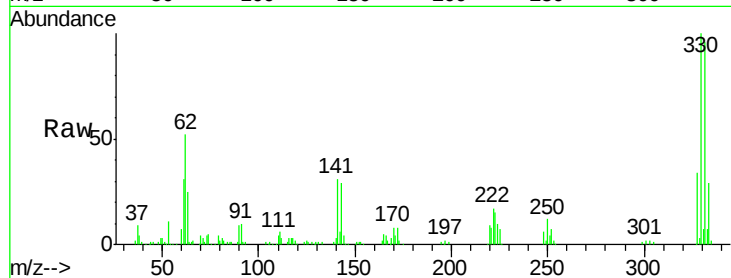




#41
 2,4,6-Tribromophenol
 Concen: 73.921 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

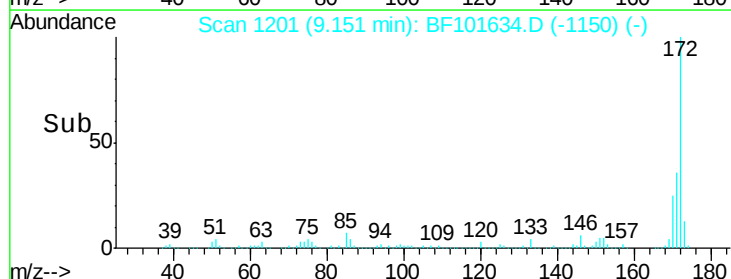
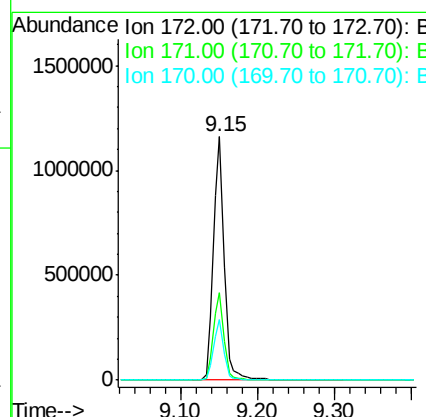
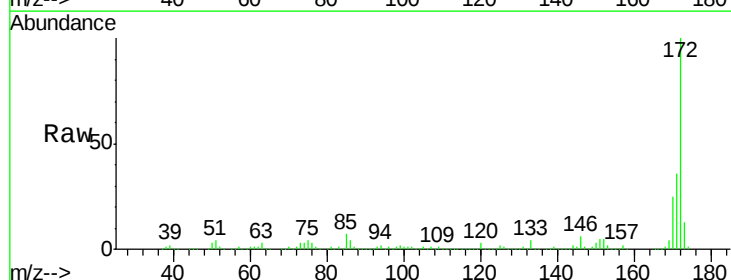
Instrument :
 BNA_F
 ClientSampleId :

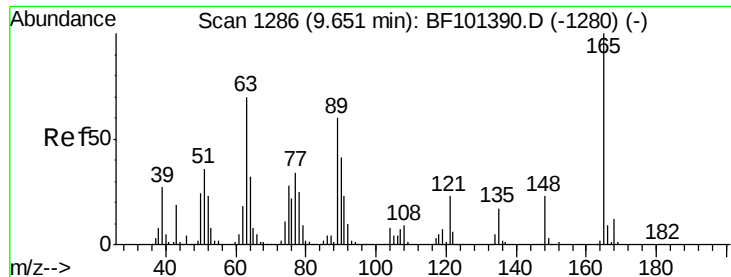
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	36.2	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 102.355 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	25.1	19.6	29.4

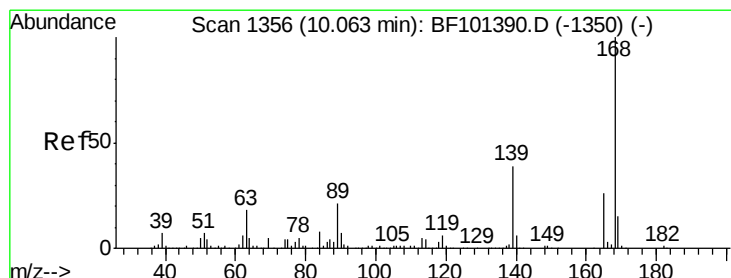
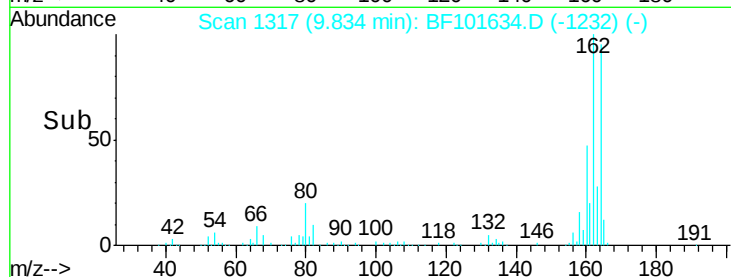
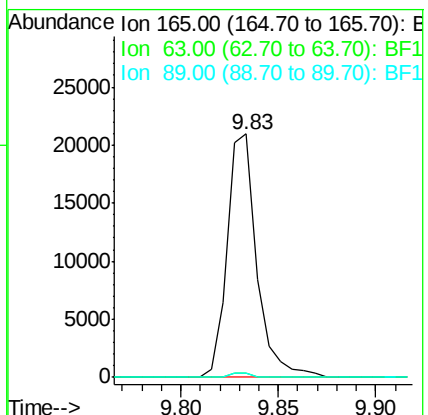
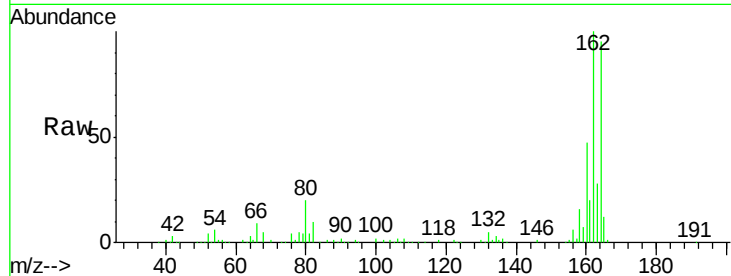




#50
 2,6-Dinitrotoluene
 Concen: 7.898 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

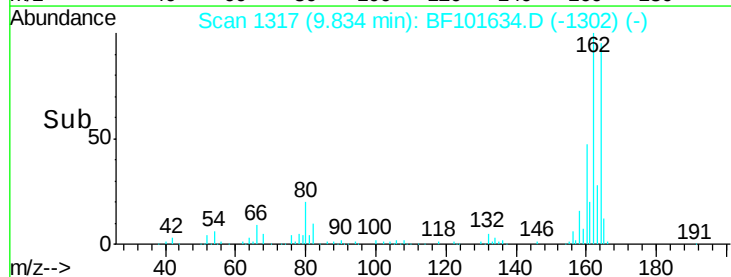
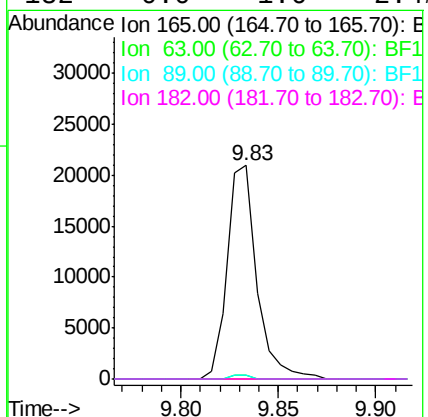
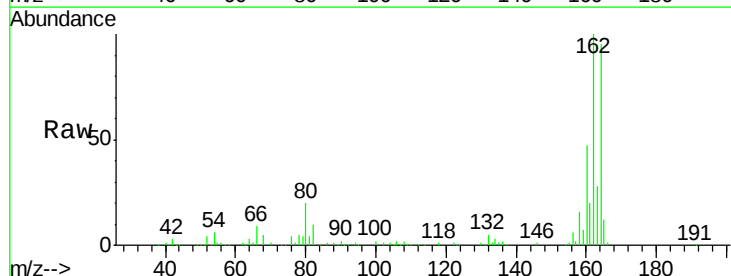
Instrument :
 BNA_F
 ClientSampleId :

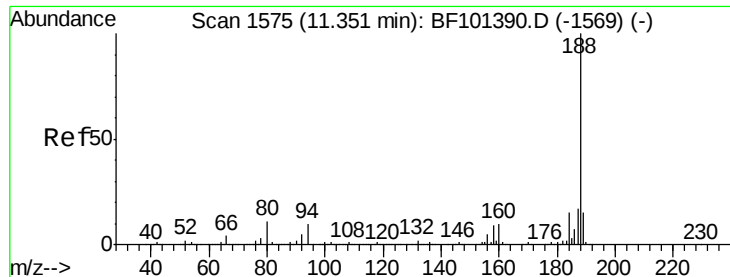
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	1.5	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 7.010 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

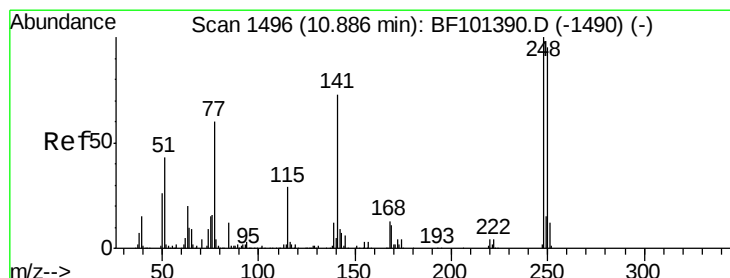
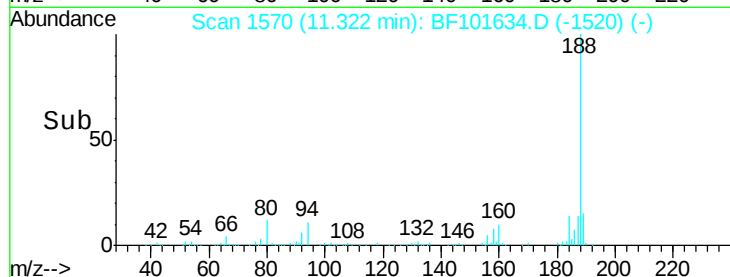
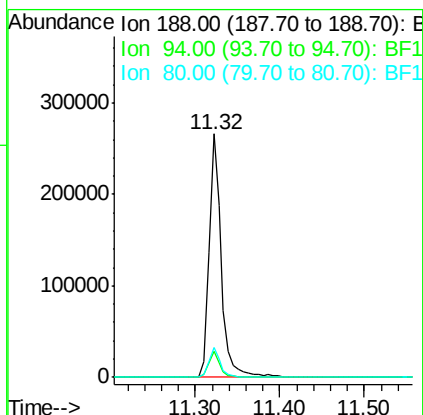
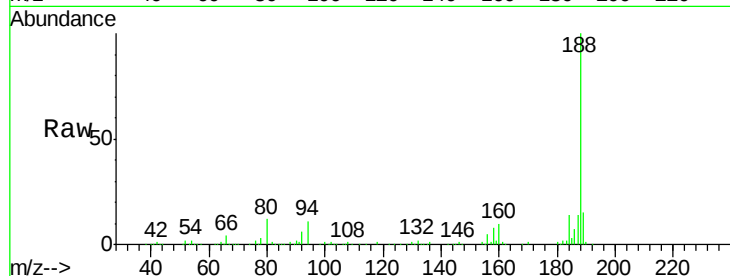




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

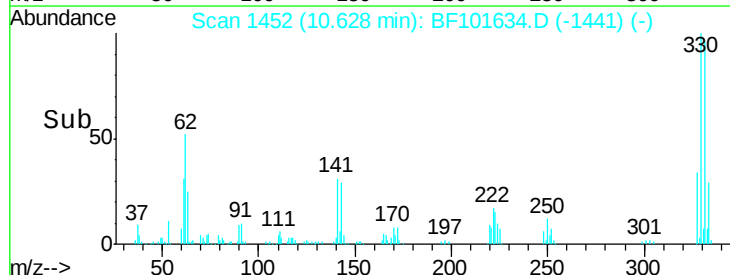
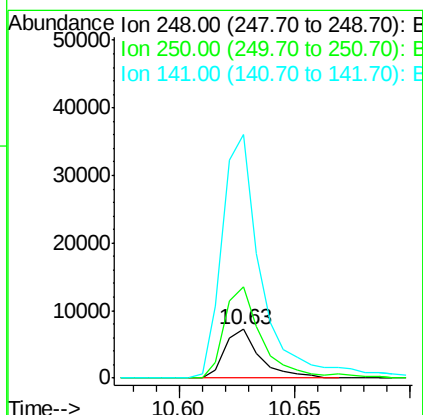
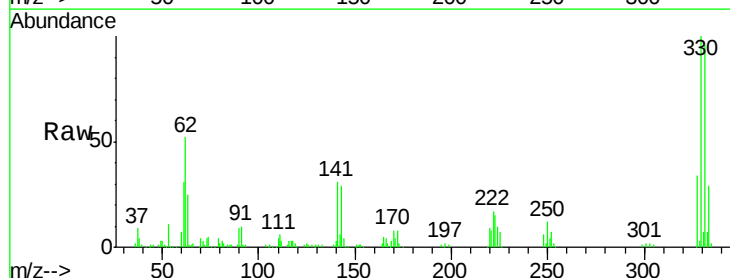
Instrument :
BNA_F
ClientSampleId :

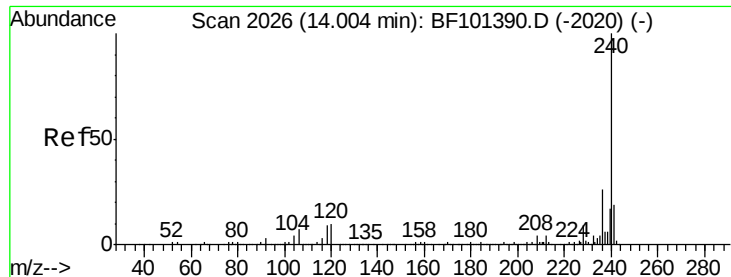
Tot Ion:188 Resp: 267921
Ion Ratio Lower Upper
188 100
94 10.6 8.5 12.7
80 12.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.504 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101634.D
Acq: 22 Dec 2017 4:54

Tgt Ion:248 Resp: 7537
Ion Ratio Lower Upper
248 100
250 187.6 76.9 115.3#
141 502.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

Instrument :

BNA_F

ClientSampleId :

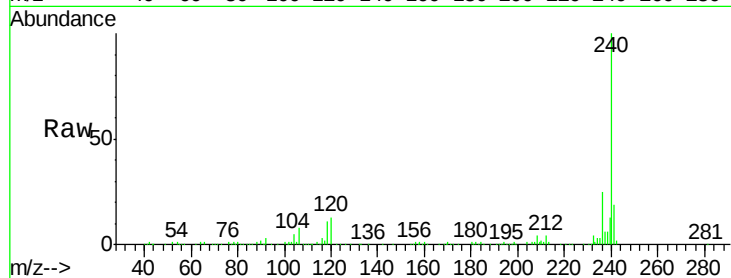
Tot Ion:240 Resp: 280890

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

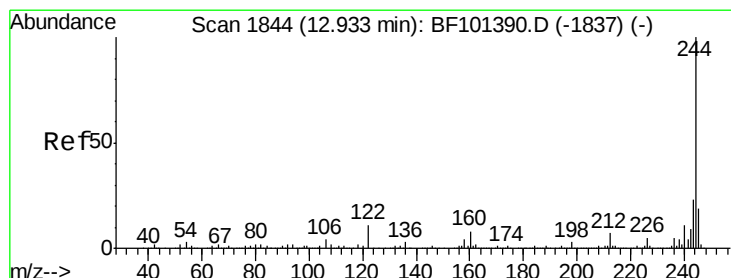
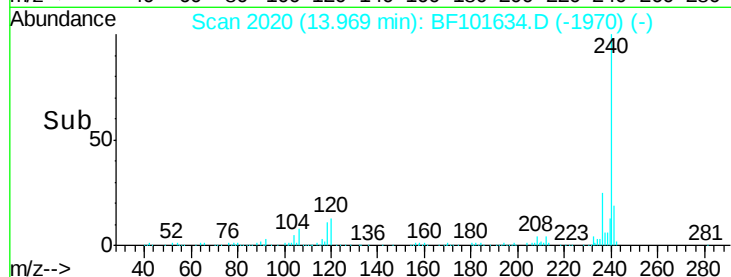
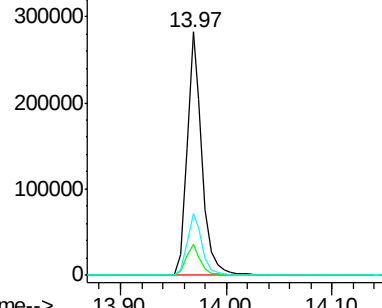
236 25.3 20.7 31.1



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: 68.973 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101634.D

Acq: 22 Dec 2017 4:54

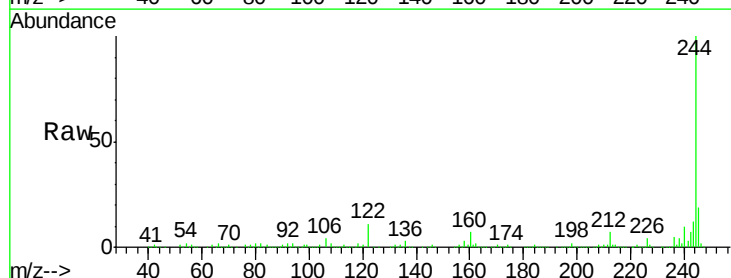
Tgt Ion:244 Resp: 803634

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

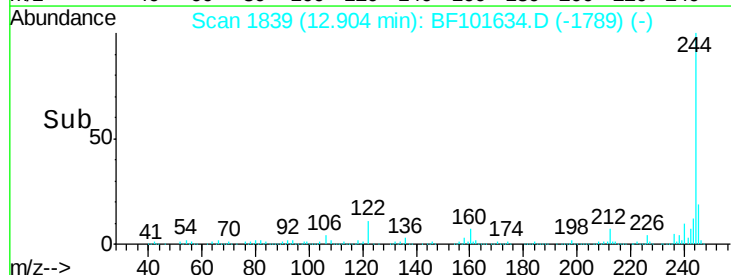
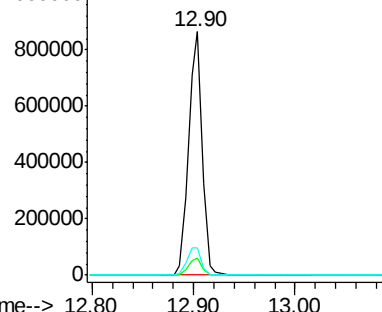
122 11.2 11.0 16.4

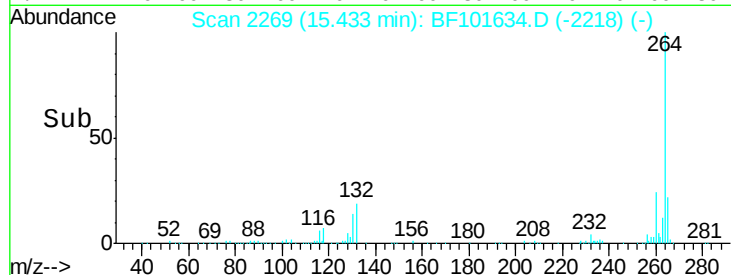
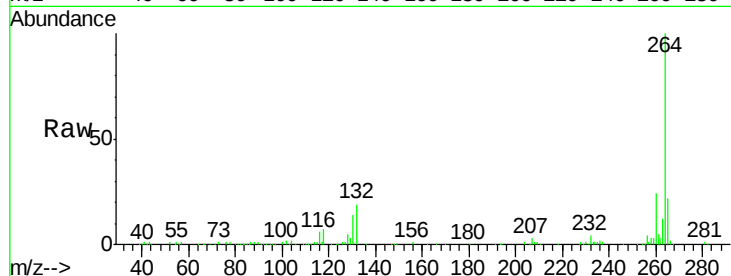
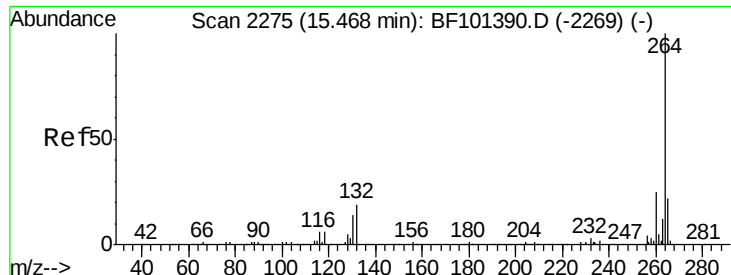


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF101634.D
 Acq: 22 Dec 2017 4:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264	Resp:	230542
Ion Ratio	Lower	Upper
264	100	
260	24.4	19.2 28.8
265	22.3	17.5 26.3

