

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
 Data File : BF101647.D
 Acq On : 22 Dec 2017 10:43
 Operator : SJ/JU
 Sample : I7008-13
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 11:13:00 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

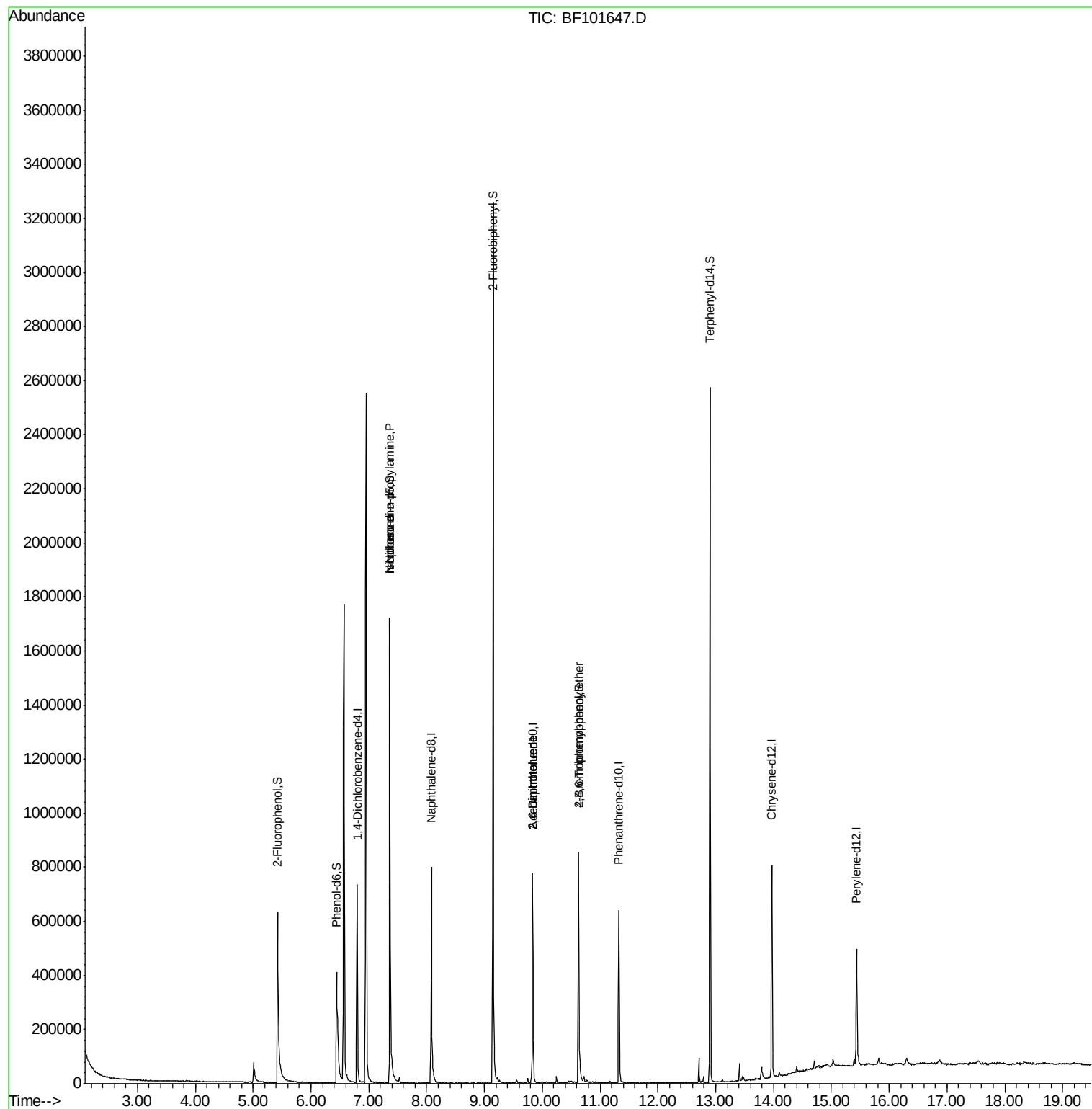
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	122662	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	435347	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	163078	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	267177	20.00	ng	0.00
75) Chrysene-d12	13.97	240	292082	20.00	ng	0.00
86) Perylene-d12	15.44	264	227443	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	318378	38.66	ng	0.01
7) Phenol-d6	6.44	99	245222	23.93	ng	0.00
23) Nitrobenzene-d5	7.36	82	684996	87.59	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	110730	70.47	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1042907	99.20	ng	0.00
78) Terphenyl-d14	12.90	244	848182	70.01	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	92078	13.681	ng	# 82
25) Isophorone	7.36	82	684996	43.661	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	20508	7.692	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	20508	6.828	ng	# 21
66) 4-Bromophenyl-phenylether	10.63	248	7409	2.468	ng	# 1

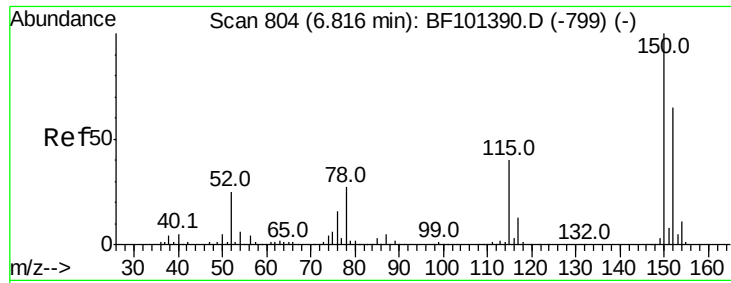
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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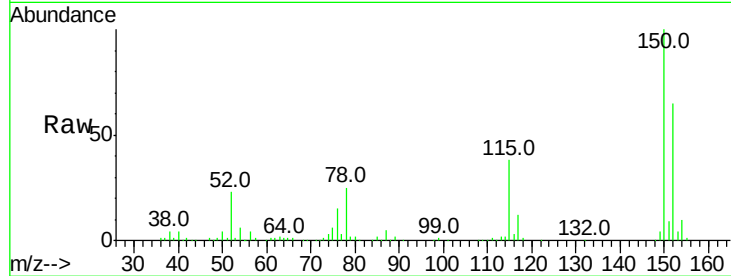


#1

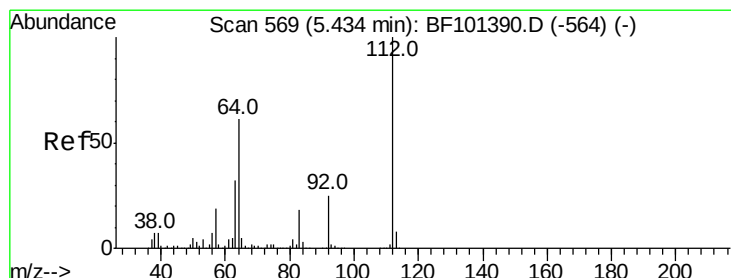
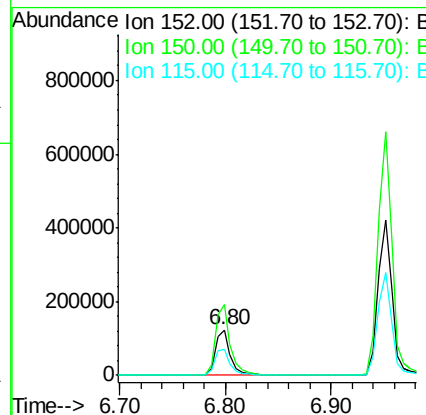
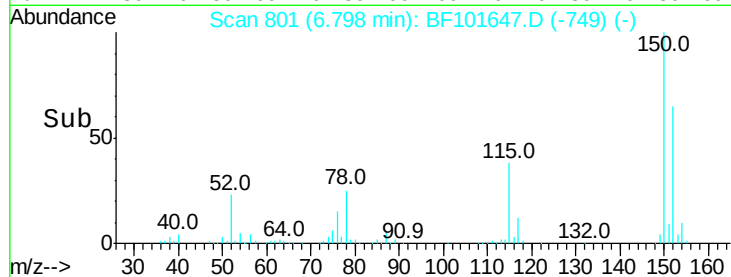
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BF101647.D
Acq: 22 Dec 2017 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122662
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 58.2 50.1 75.1



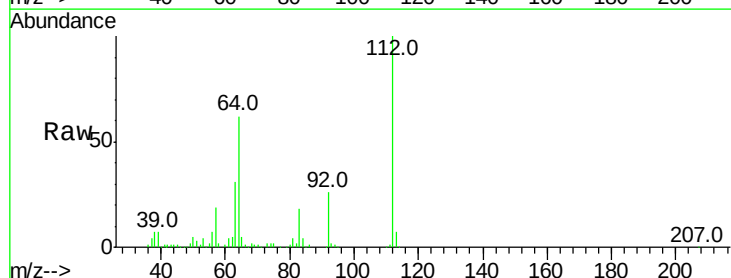
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



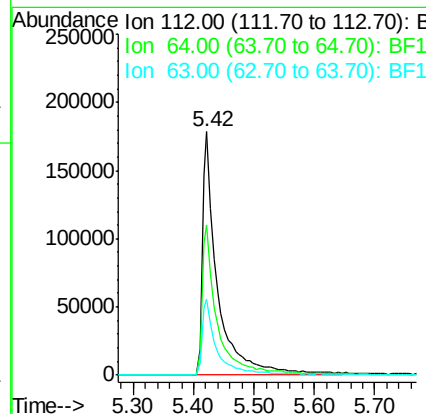
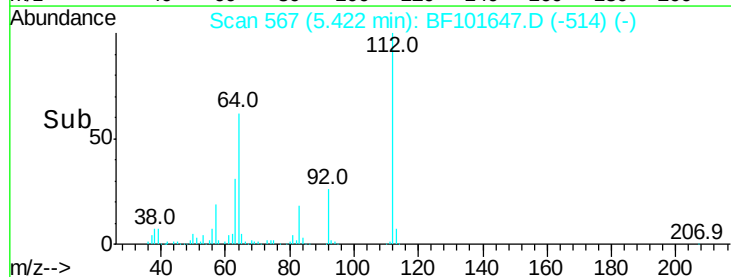
#5

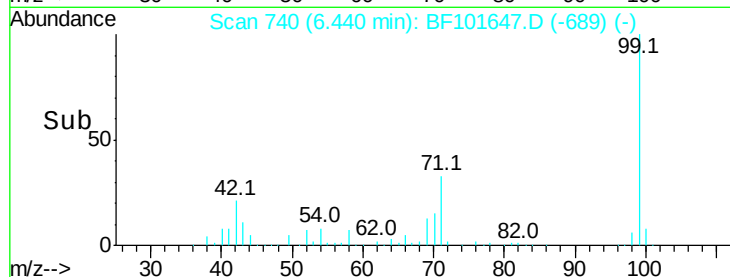
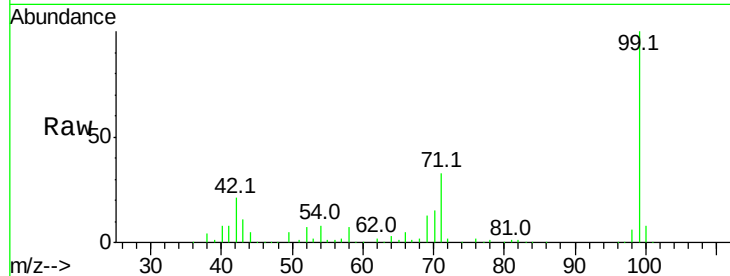
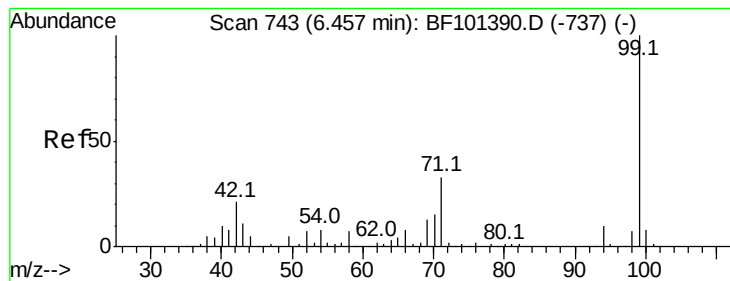
2-Fluorophenol
Concen: 38.663 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF101647.D
Acq: 22 Dec 2017 10:43

Tgt Ion:112 Resp: 318378
Ion Ratio Lower Upper
112 100
64 61.8 47.9 71.9
63 31.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 23.928 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampleId :

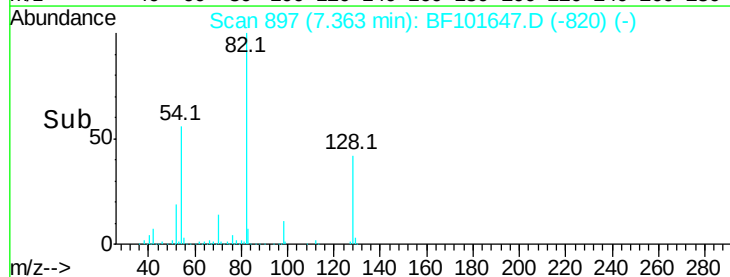
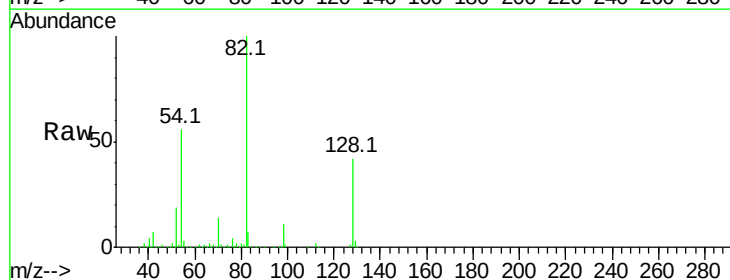
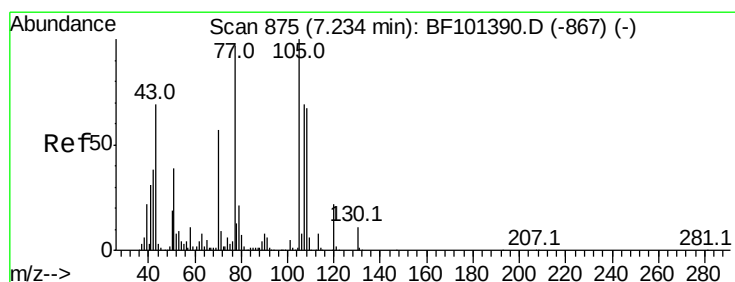
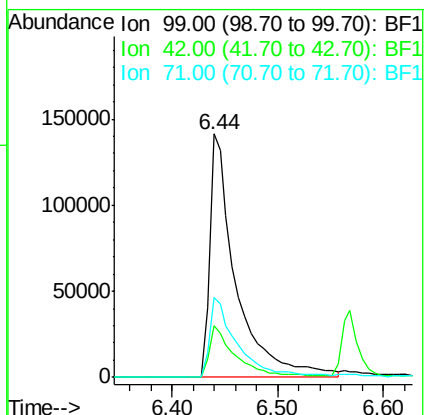
Tot Ion: 99 Resp: 245222

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

71 32.6 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.681 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Tgt Ion: 70 Resp: 92078

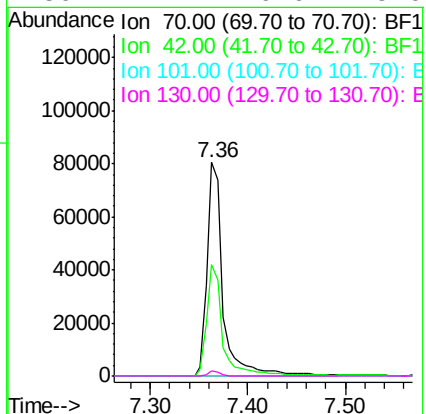
Ion Ratio Lower Upper

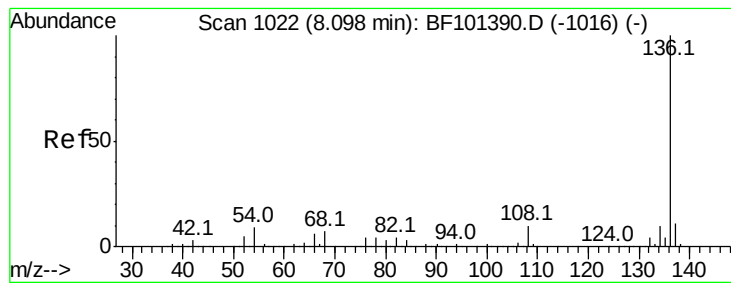
70 100

42 52.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 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: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 435347

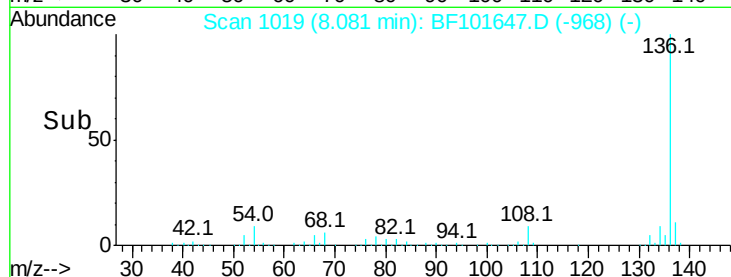
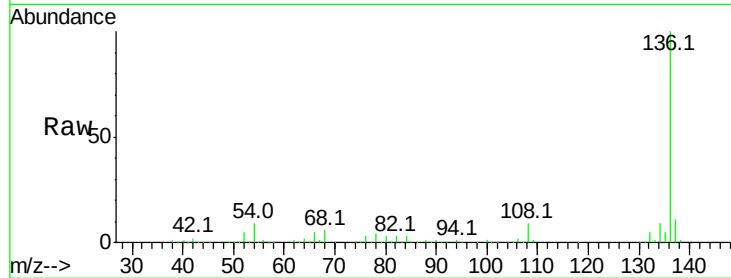
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 8.5 6.6 9.8

68 6.1 5.0 7.4

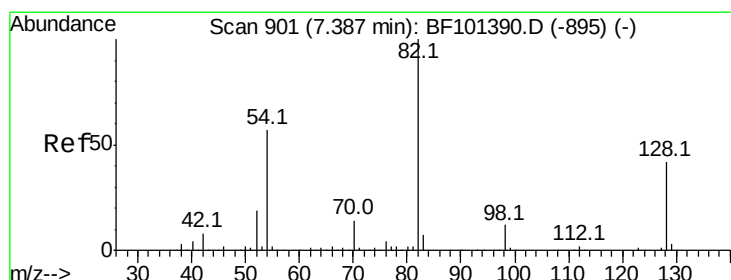
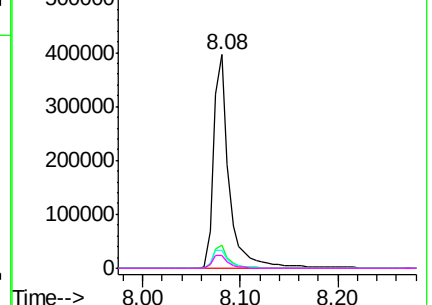


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 87.587 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

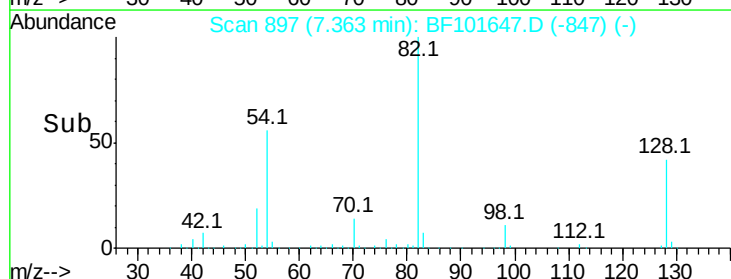
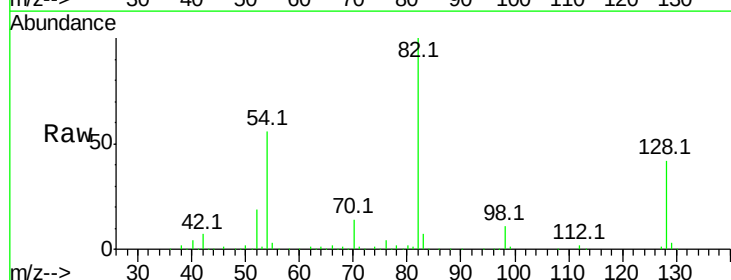
Tgt Ion: 82 Resp: 684996

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

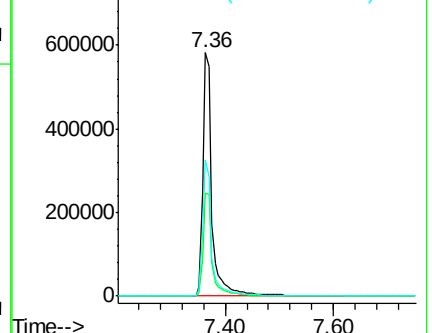
54 56.0 41.4 62.2

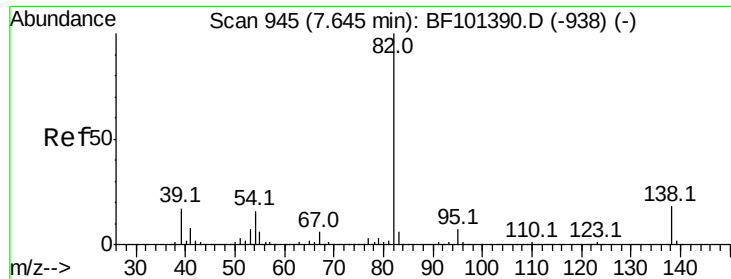


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 43.661 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampled :

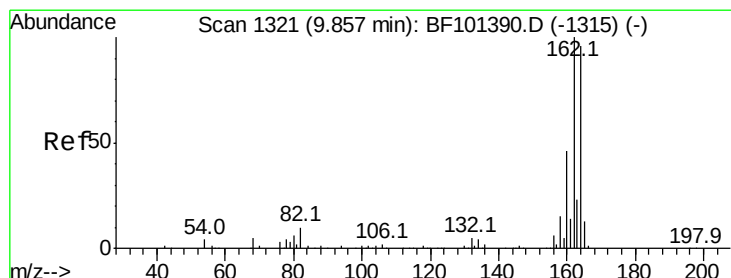
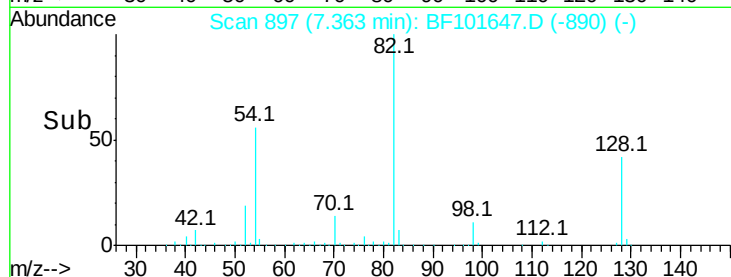
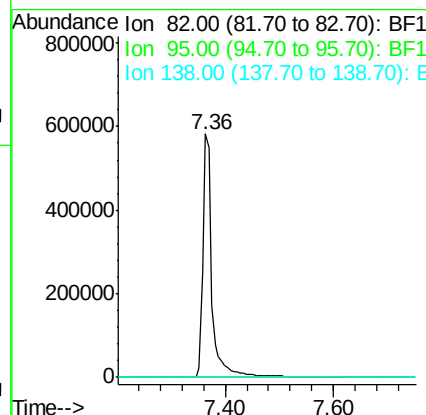
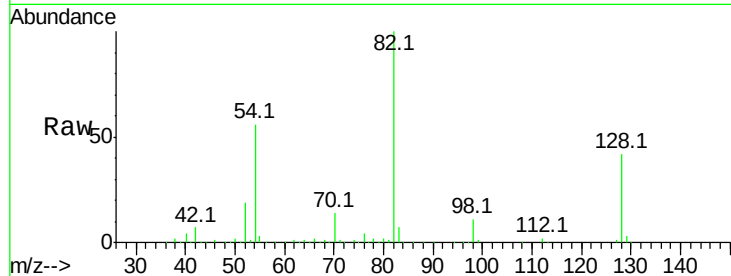
Tot Ion: 82 Resp: 684996

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: BF101647.D

Acq: 22 Dec 2017 10:43

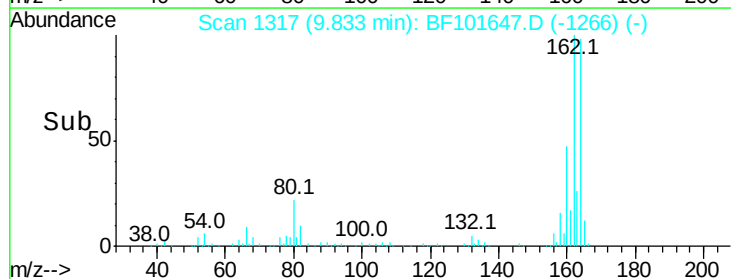
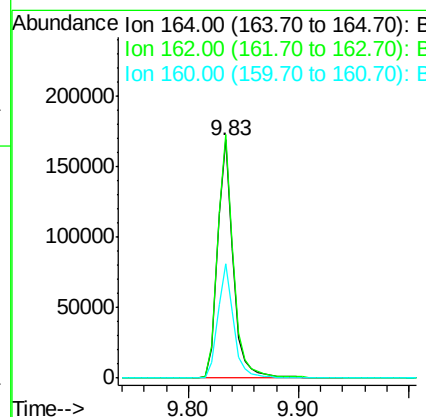
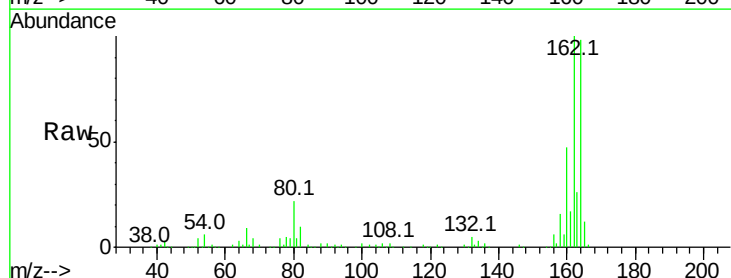
Tgt Ion:164 Resp: 163078

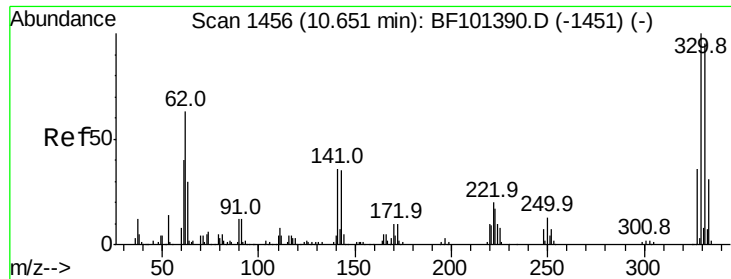
Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

160 47.9 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 70.467 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampleId :

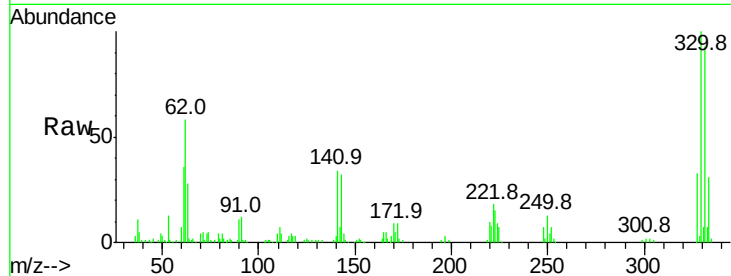
Tot Ion:330 Resp: 110730

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

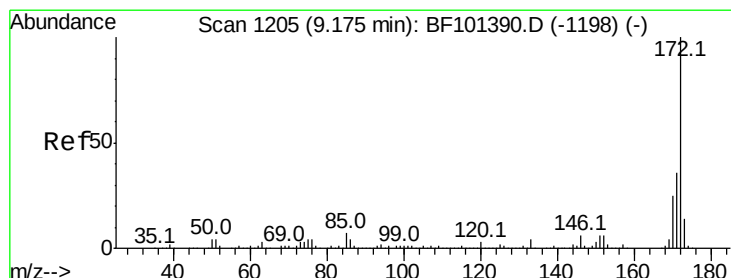
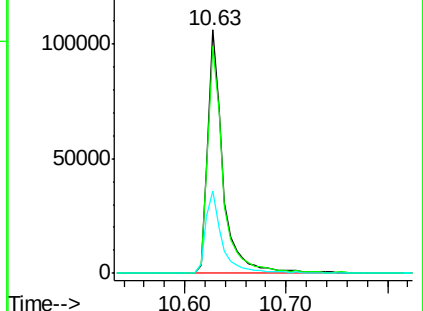
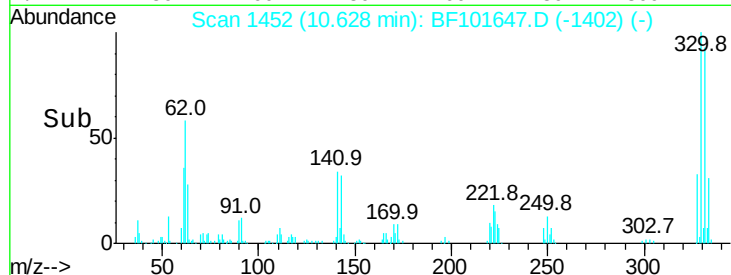
141 36.0 29.9 44.9



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: 99.204 ng

RT: 9.15 min Scan# 1201

Delta R.T. 0.00 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

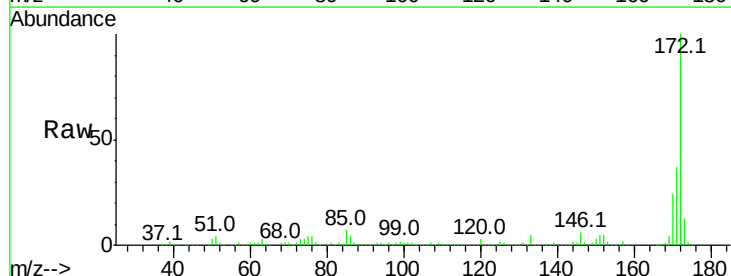
Tgt Ion:172 Resp: 1042907

Ion Ratio Lower Upper

172 100

171 36.6 29.7 44.5

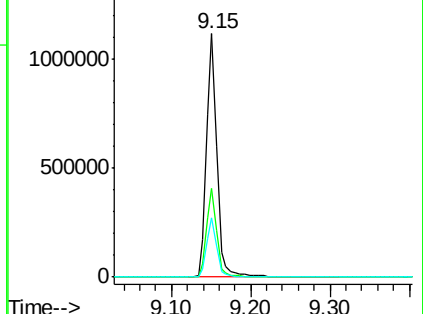
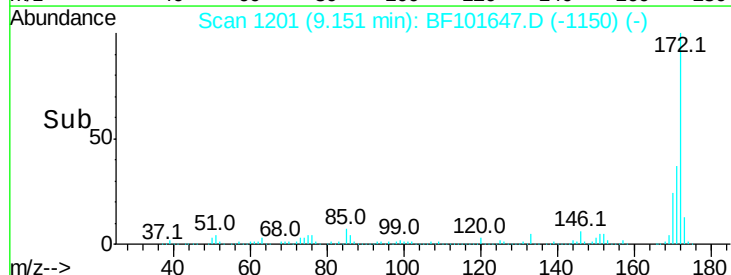
170 24.2 19.6 29.4

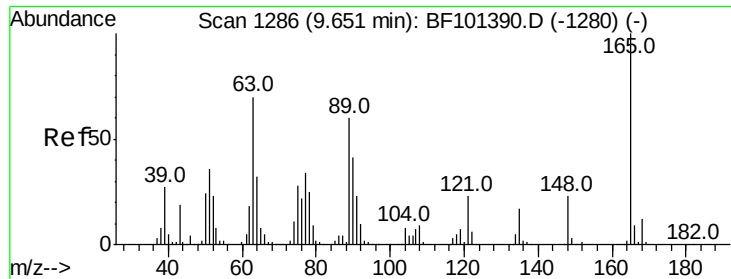


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.692 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.20 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampled :

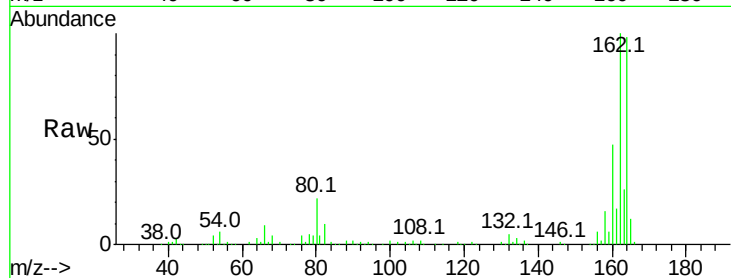
Tot Ion:165 Resp: 20508

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

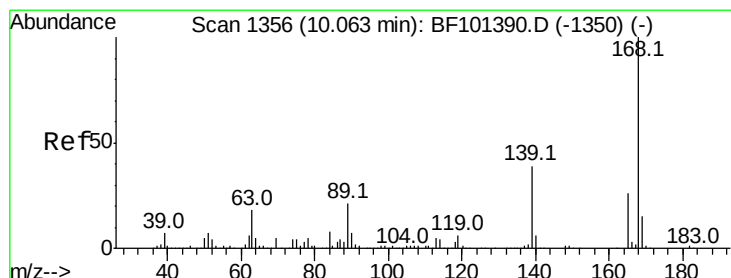
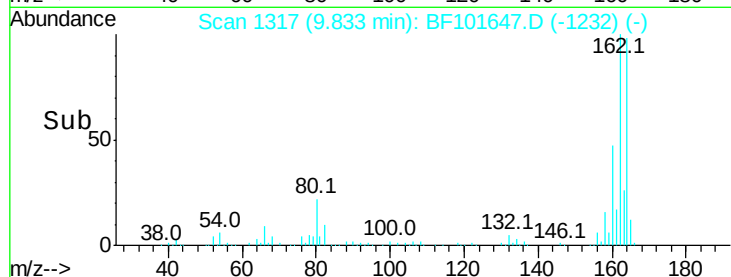
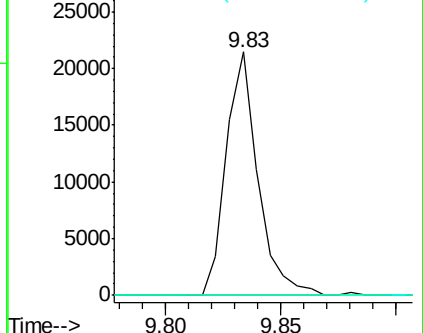
89 0.0 44.0 66.0#



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: 6.828 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.21 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

Tgt Ion:165 Resp: 20508

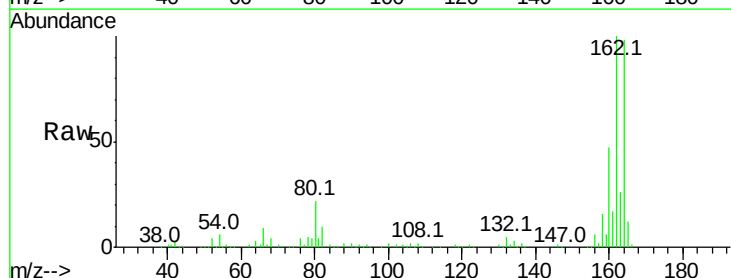
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

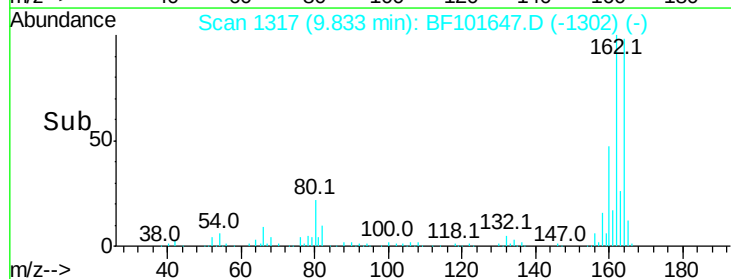
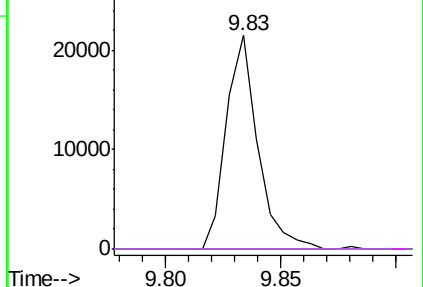


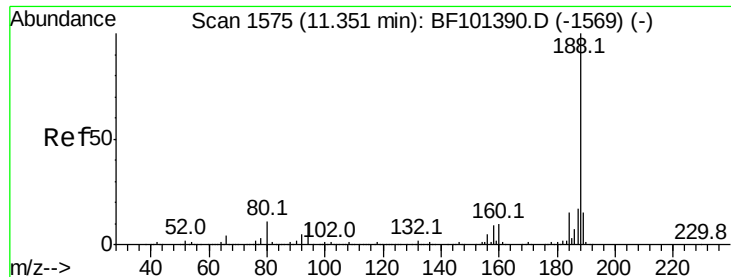
Abundance Ion 165.00 (164.70 to 165.70): E

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

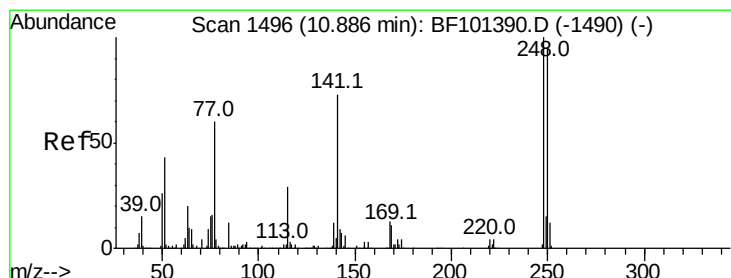
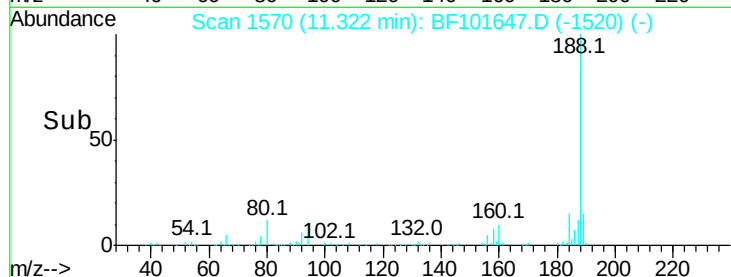
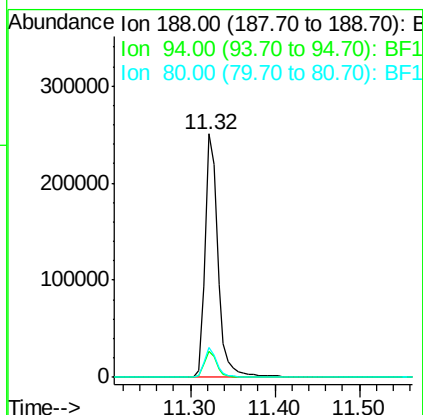
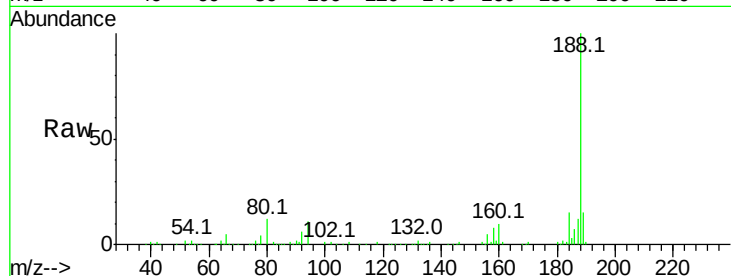




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF101647.D
Acq: 22 Dec 2017 10:43

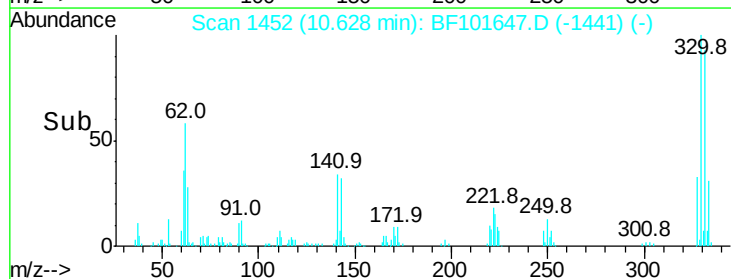
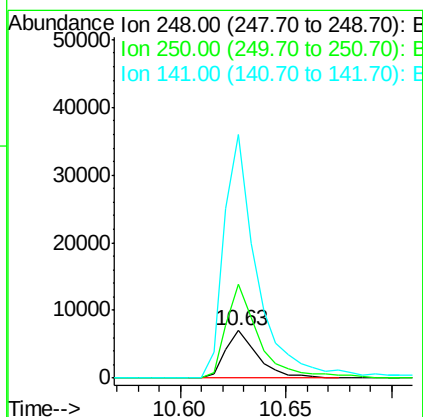
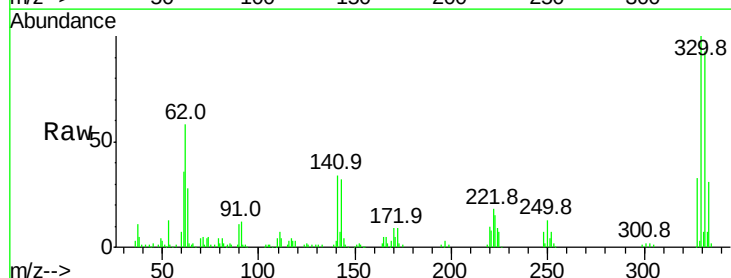
Instrument :
BNA_F
ClientSampleId :

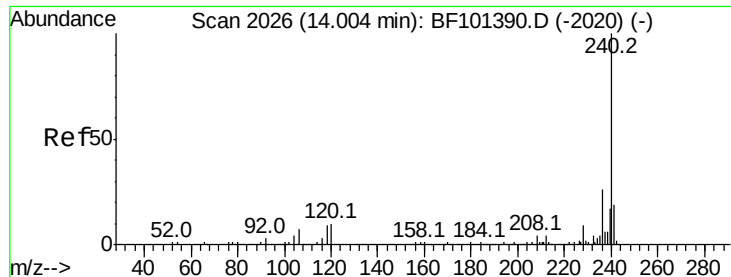
Tot Ion:188 Resp: 267177
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 12.1 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.468 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BF101647.D
Acq: 22 Dec 2017 10:43

Tgt Ion:248 Resp: 7409
Ion Ratio Lower Upper
248 100
250 197.3 76.9 115.3#
141 515.2 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: BF101647.D

Acq: 22 Dec 2017 10:43

Instrument :

BNA_F

ClientSampleId :

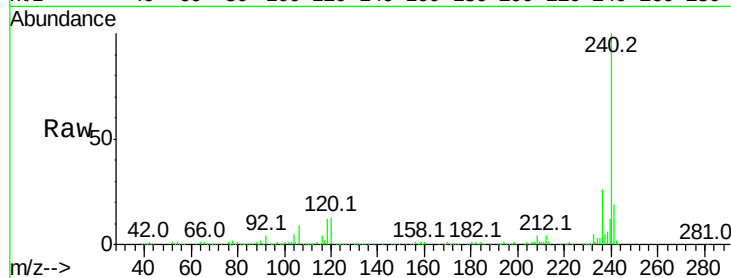
Tot Ion:240 Resp: 292082

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

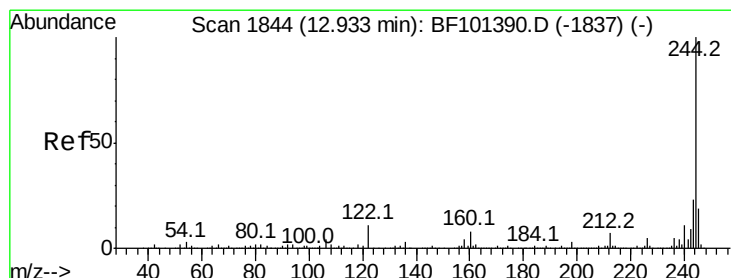
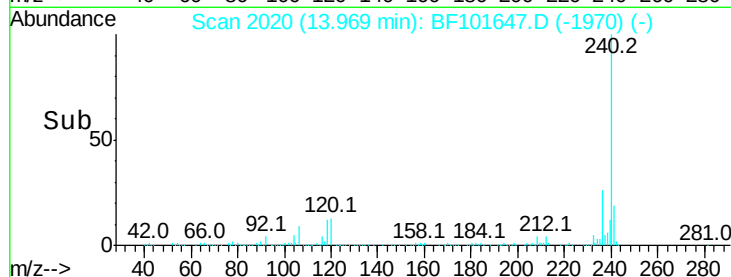
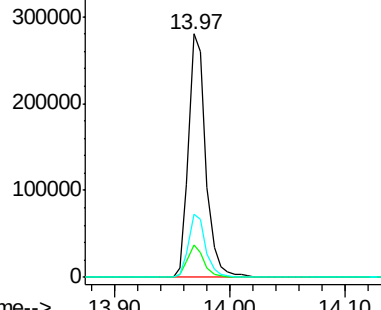
236 26.0 20.7 31.1



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: 70.007 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF101647.D

Acq: 22 Dec 2017 10:43

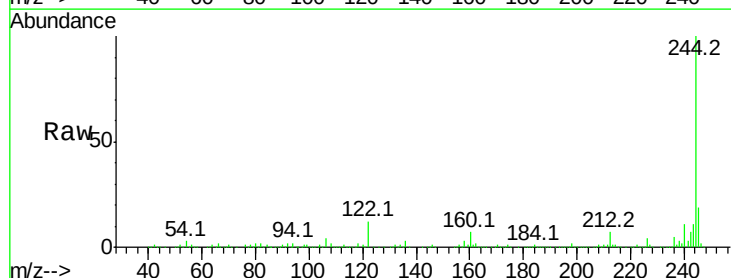
Tgt Ion:244 Resp: 848182

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

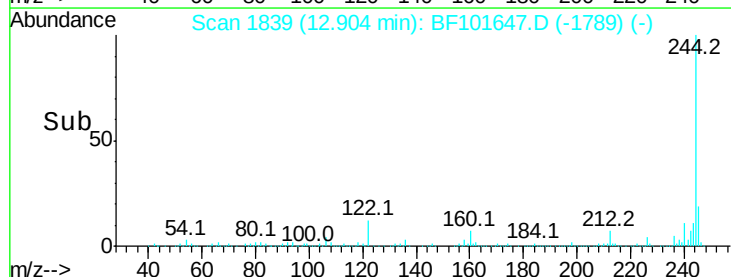
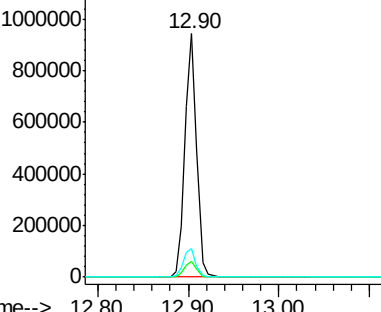
122 11.7 11.0 16.4

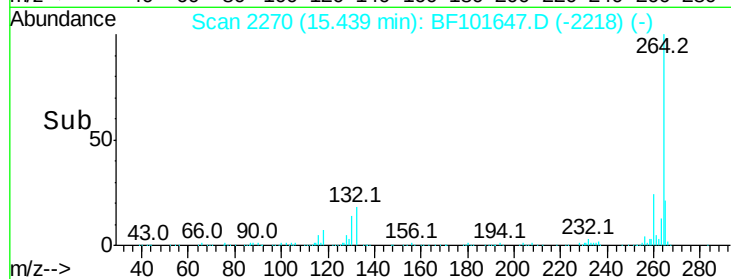
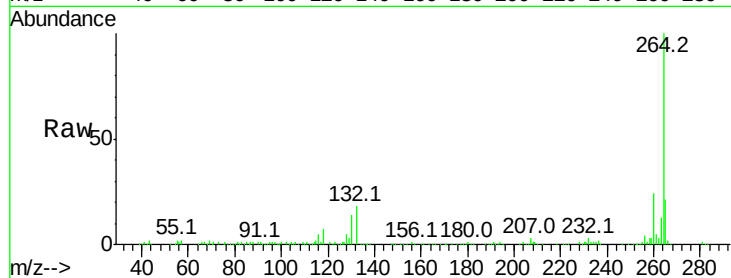
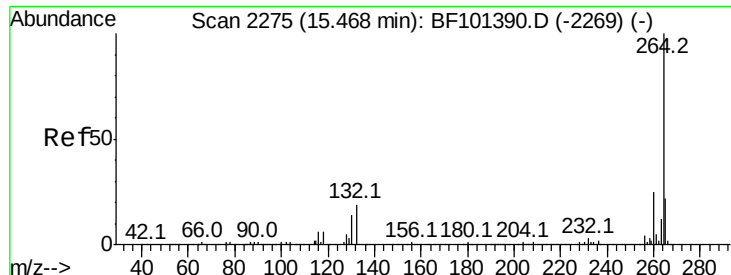


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF101647.D
 Acq: 22 Dec 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	227443
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.0	17.5	26.3

