

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101858.D
 Acq On : 3 Jan 2018 14:29
 Operator : SJ/JU
 Sample : PB105431BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:05:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

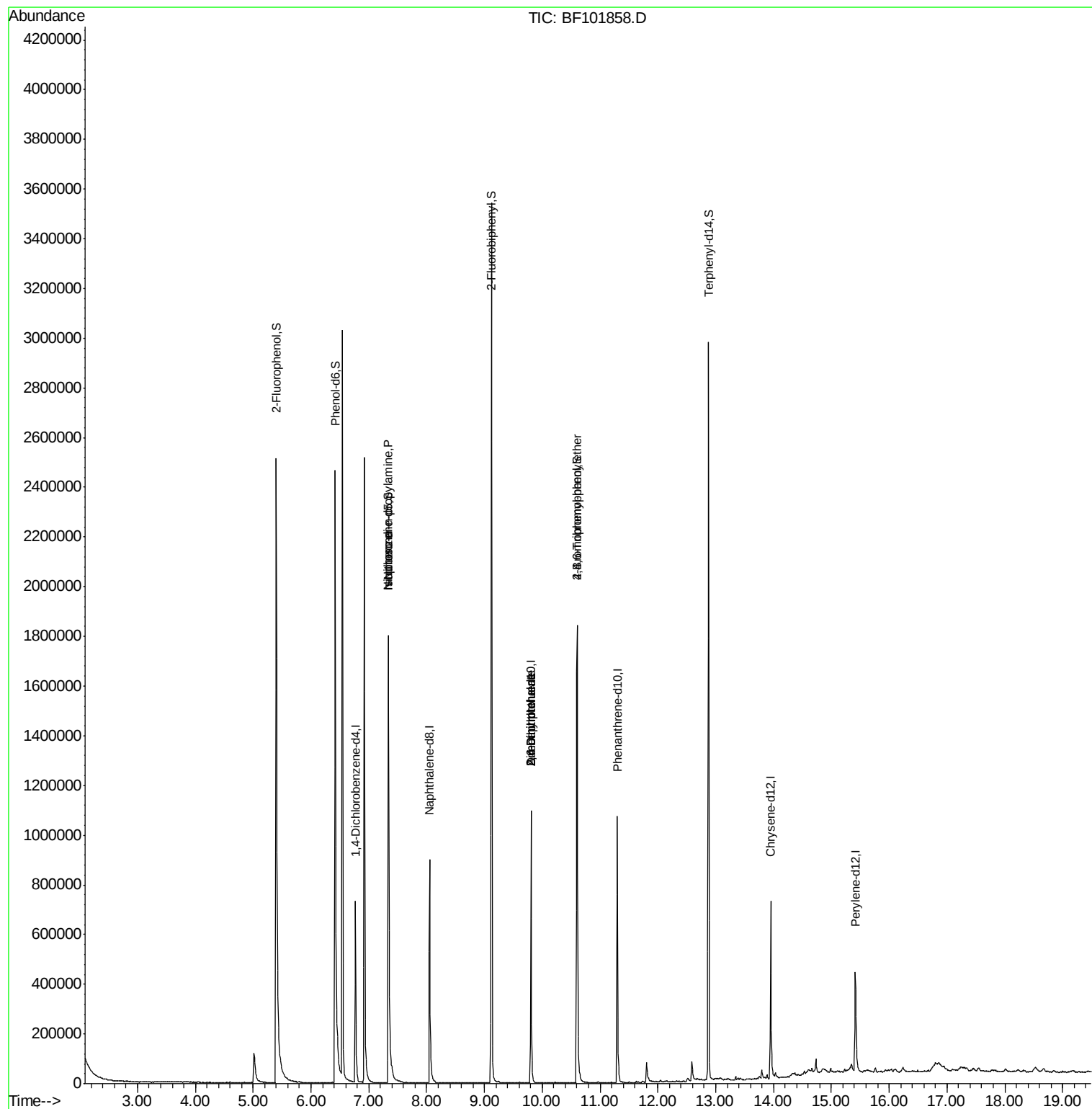
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	127740	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	511983	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	229484	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	438276	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	295010	20.00	ng	-0.02
86) Perylene-d12	15.42	264	249144	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1053312	122.83	ng	0.00
7) Phenol-d6	6.42	99	1245534	116.70	ng	-0.02
23) Nitrobenzene-d5	7.34	82	782442	85.07	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	279474	126.39	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	1305741	88.26	ng	-0.02
78) Terphenyl-d14	12.87	244	1155016	94.39	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	103769	14.805	ng	# 81
25) Isophorone	7.34	82	782442	42.407	ng	# 64
49) Dimethylphthalate	9.80	163	53293	2.887	ng	# 1
50) 2,6-Dinitrotoluene	9.80	165	28317	7.548	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	28317	6.699	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	17808	3.616	ng	# 1

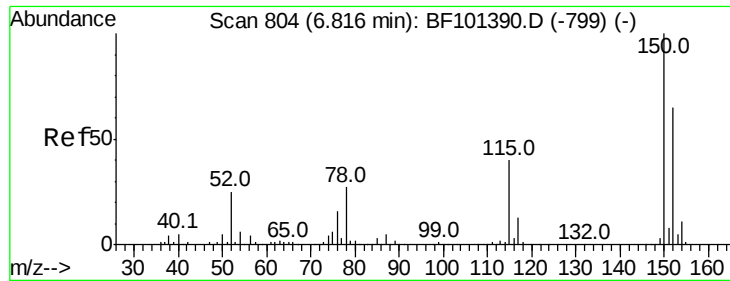
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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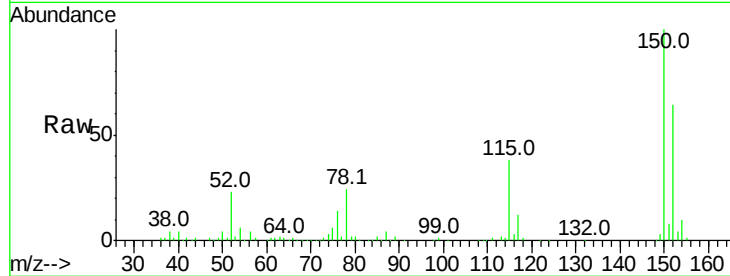


#1

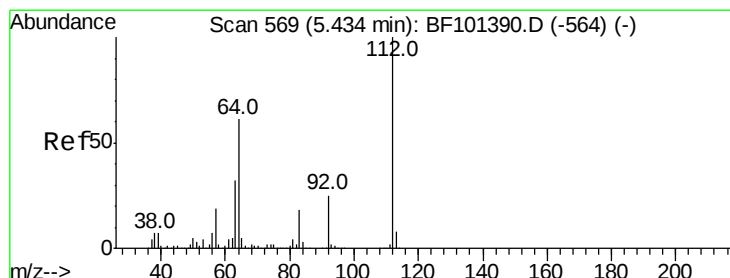
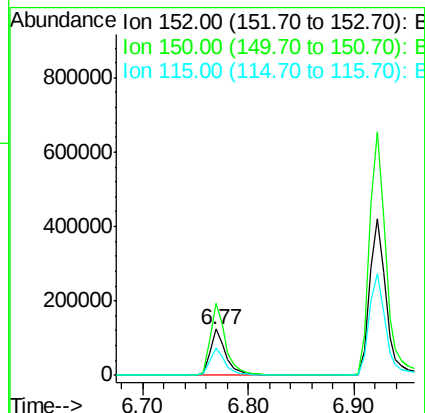
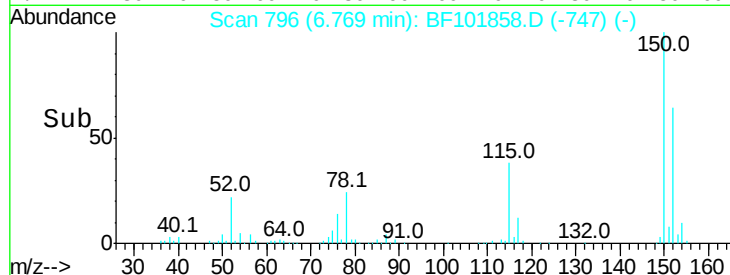
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101858.D
Acq: 3 Jan 2018 14:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 127740
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 59.4 50.1 75.1



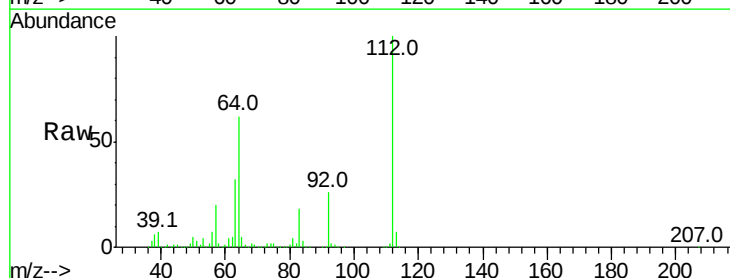
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



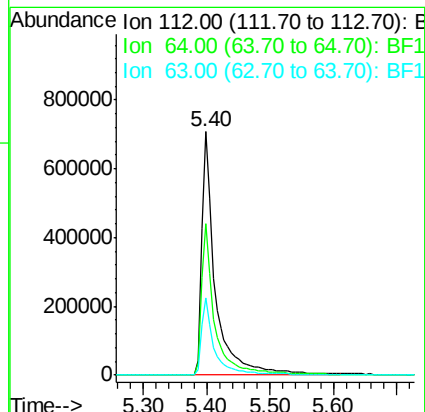
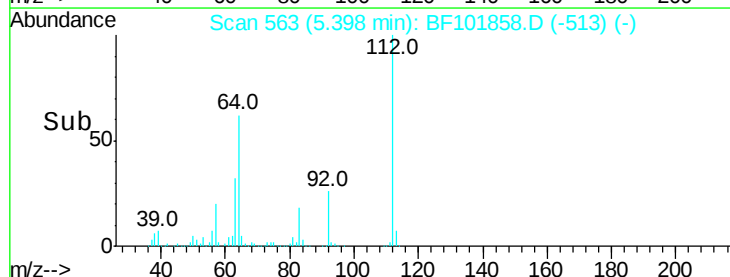
#5

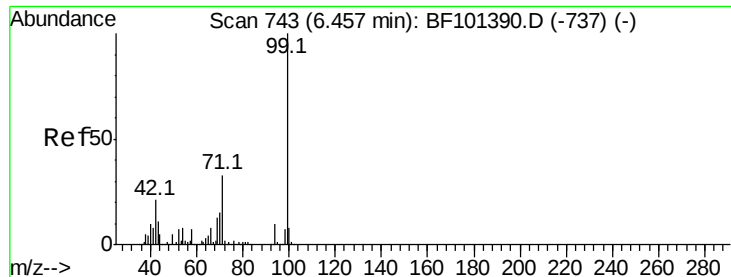
2-Fluorophenol
Concen: 122.827 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101858.D
Acq: 3 Jan 2018 14:29

Tgt Ion:112 Resp: 1053312
Ion Ratio Lower Upper
112 100
64 62.1 47.9 71.9
63 31.8 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: 116.703 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.02 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

Instrument :

BNA_F

ClientSampled :

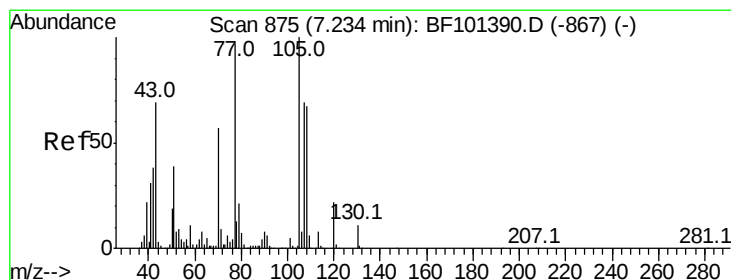
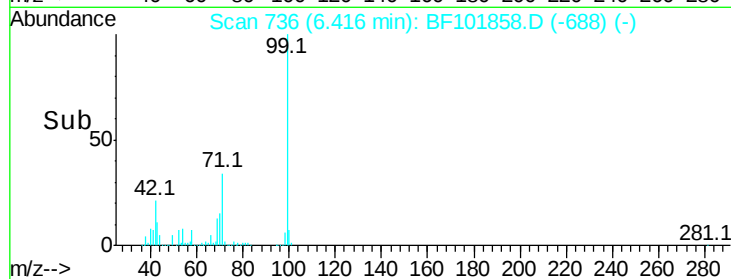
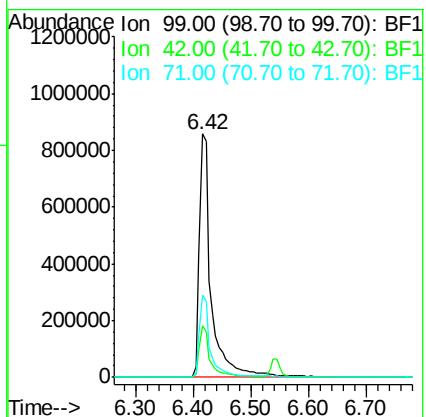
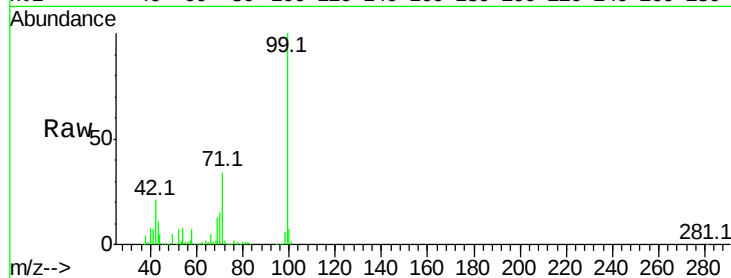
Tot Ion: 99 Resp: 1245534

Ion Ratio Lower Upper

99 100

42 21.2 14.5 21.7

71 33.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.805 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

Tgt Ion: 70 Resp: 103769

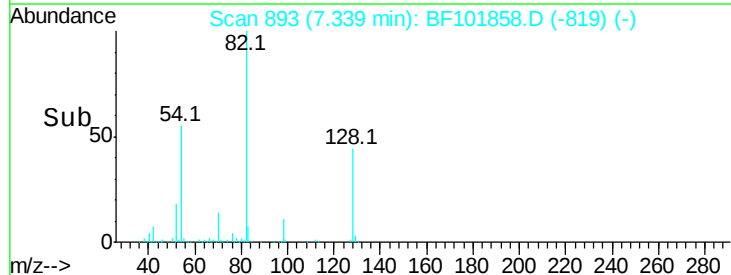
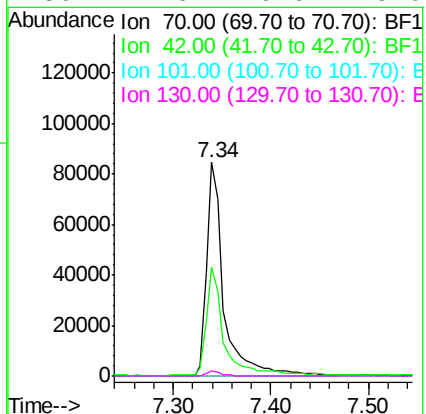
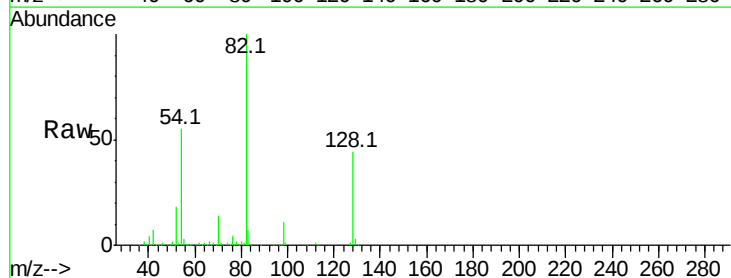
Ion Ratio Lower Upper

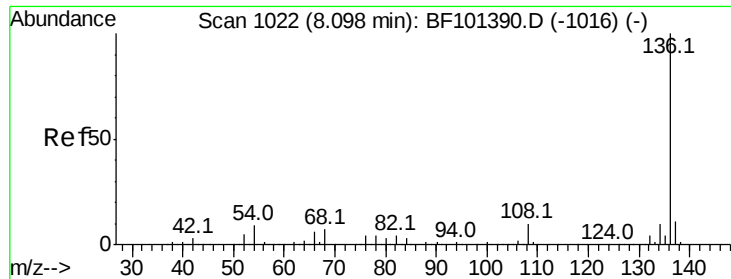
70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.6 16.6 25.0#

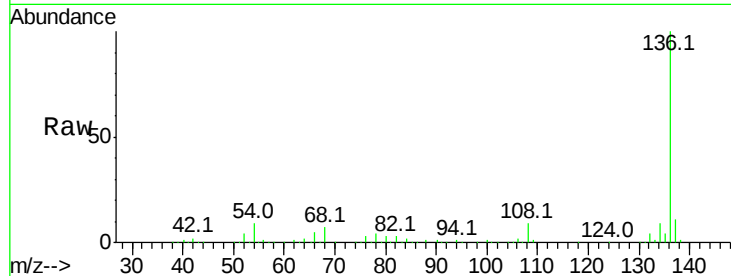




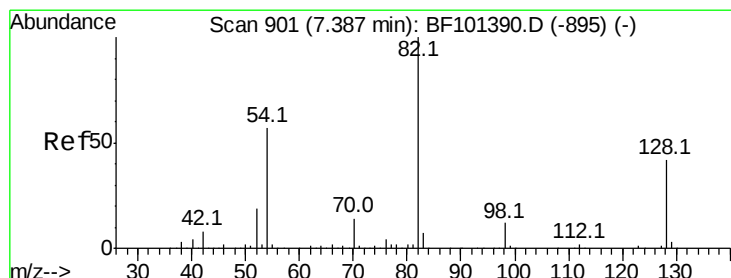
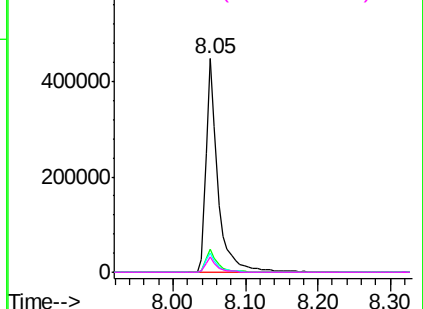
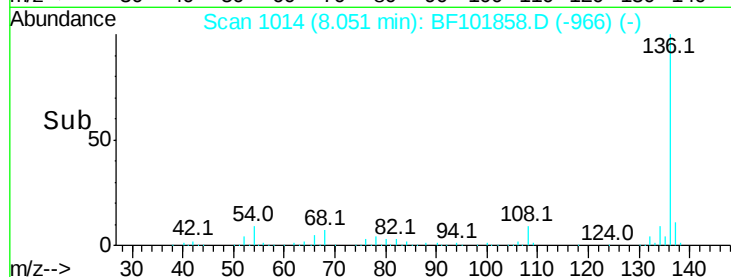
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101858.D
Acq: 3 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	511983
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.8	6.6	9.8
68	7.3	5.0	7.4

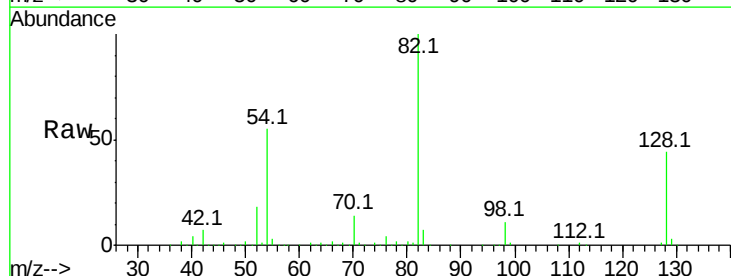


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

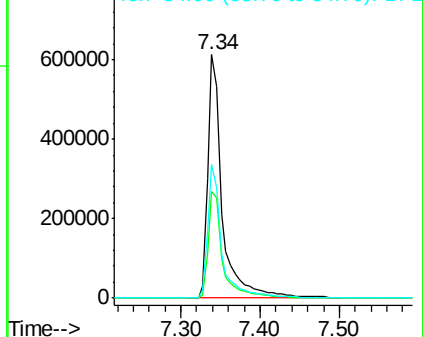
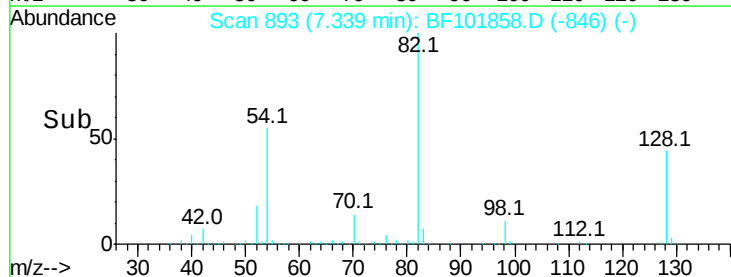


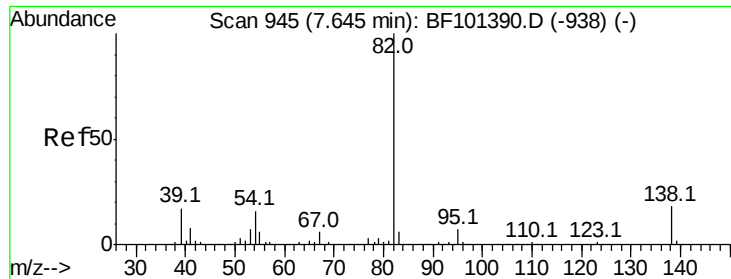
#23
Nitrobenzene-d5
Concen: 85.072 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF101858.D
Acq: 3 Jan 2018 14:29

Tgt Ion:	82	Resp:	782442
Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.1	54.1
54	55.0	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: 42.407 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

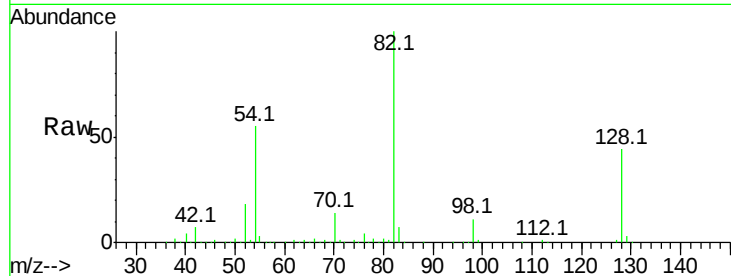
Tot Ion: 82 Resp: 782442

Ion Ratio Lower Upper

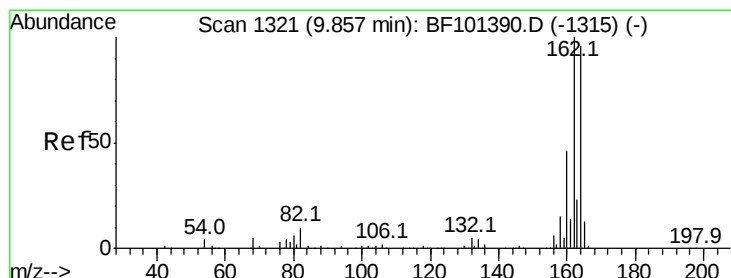
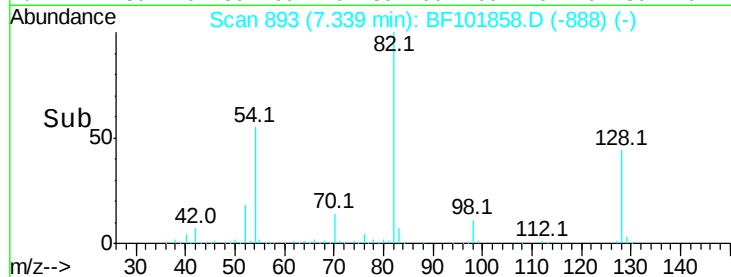
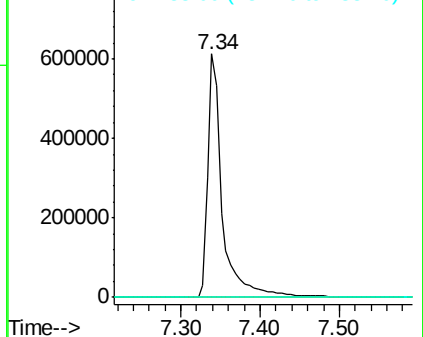
82 100

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: 9.80 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

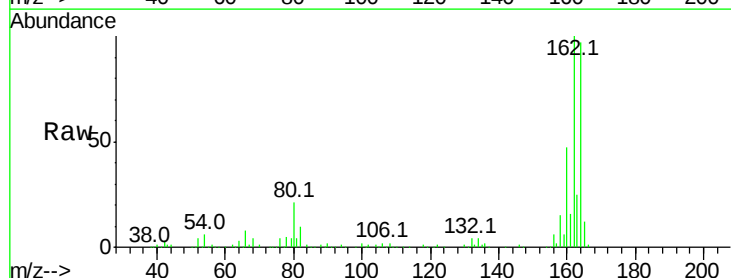
Tgt Ion:164 Resp: 229484

Ion Ratio Lower Upper

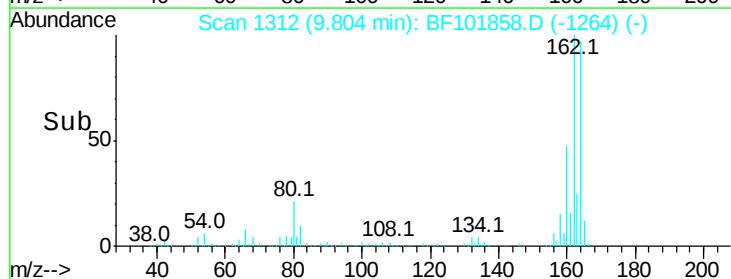
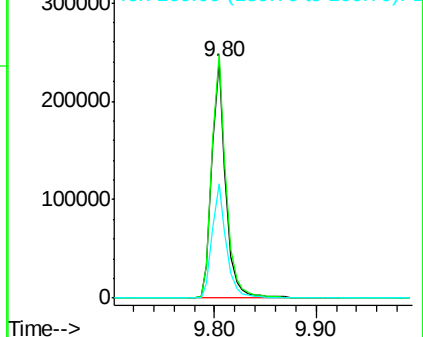
164 100

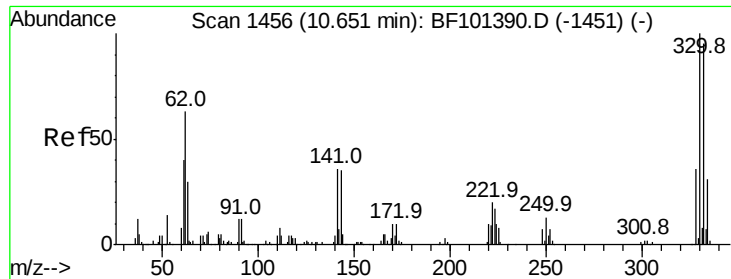
162 102.9 86.1 129.1

160 48.4 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

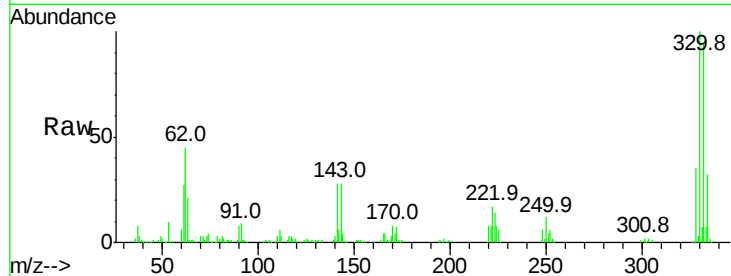




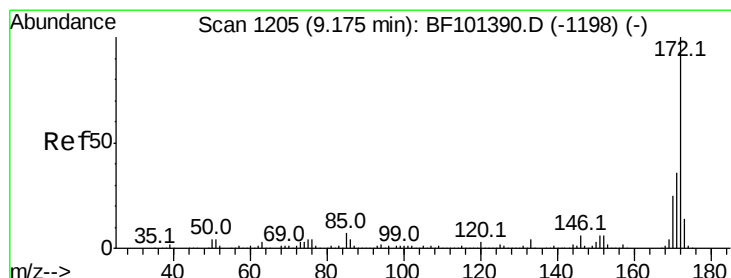
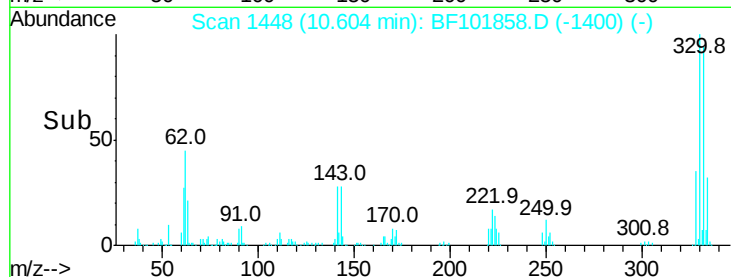
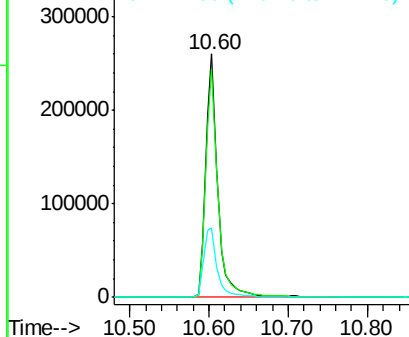
#41
 2,4,6-Tribromophenol
 Concen: 126.387 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.02 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 279474
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.9 29.9 44.9

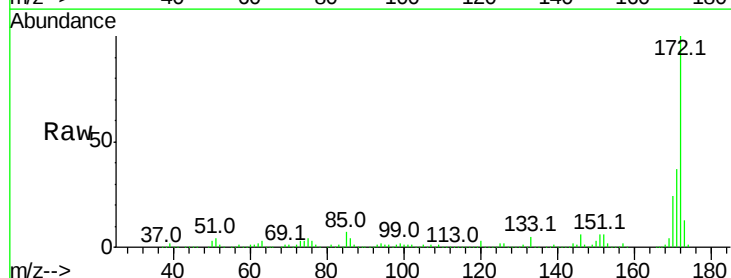


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

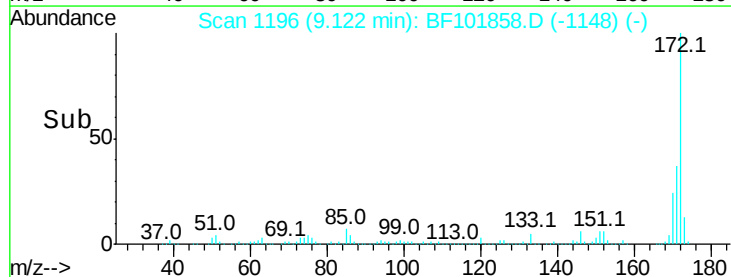
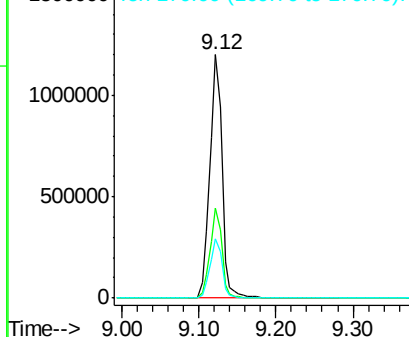


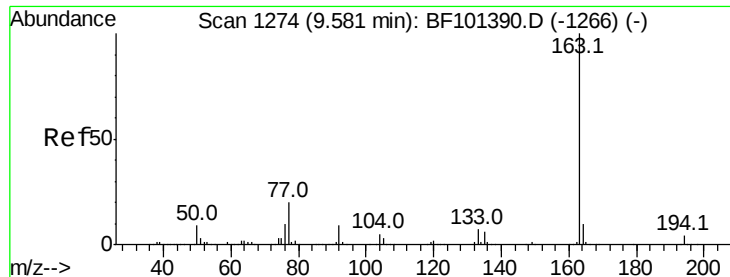
#44
 2-Fluorobiphenyl
 Concen: 88.264 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.02 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

Tgt Ion:172 Resp: 1305741
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.7 44.5
 170 24.5 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: 2.887 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.25 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

Instrument :
BNA_F
ClientSampleId :

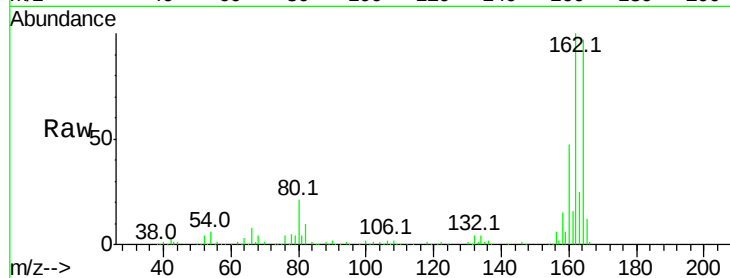
Tot Ion:163 Resp: 53293

Ion Ratio Lower Upper

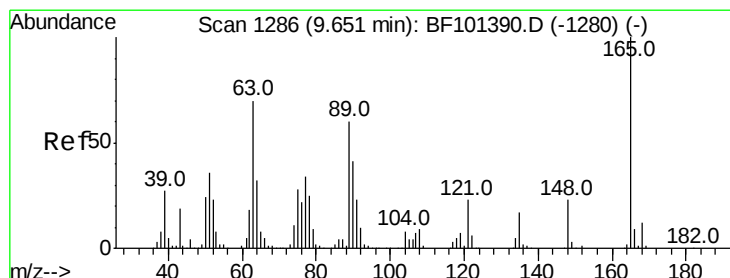
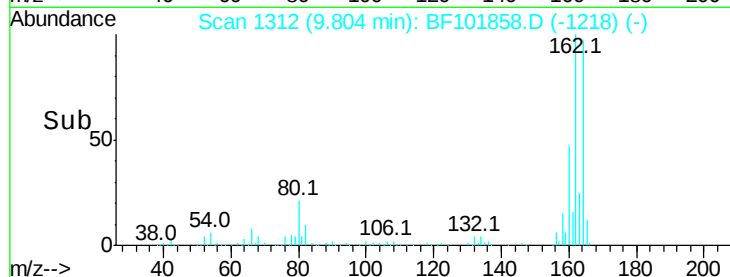
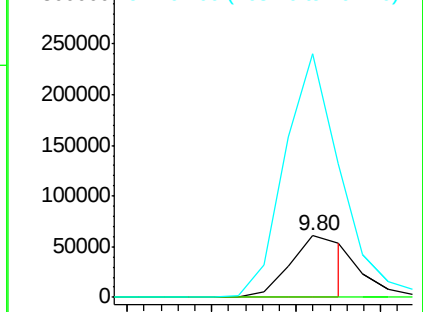
163 100

194 0.0 2.7 4.1#

164 396.3 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: 7.548 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.18 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

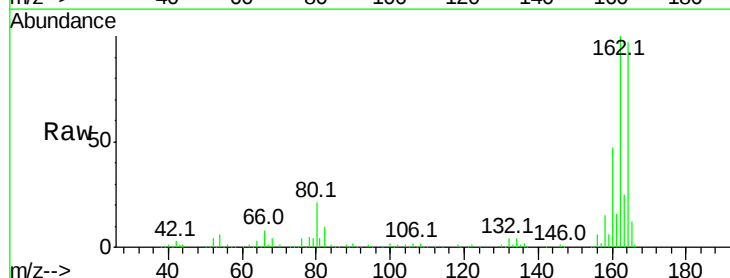
Tgt Ion:165 Resp: 28317

Ion Ratio Lower Upper

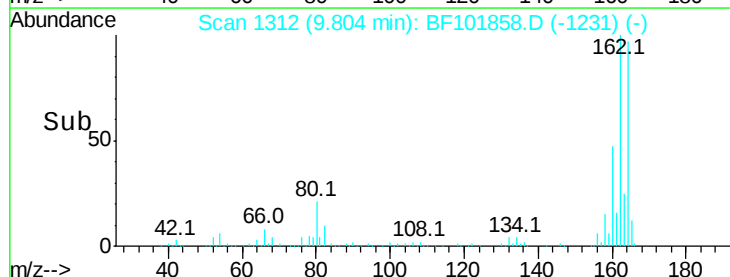
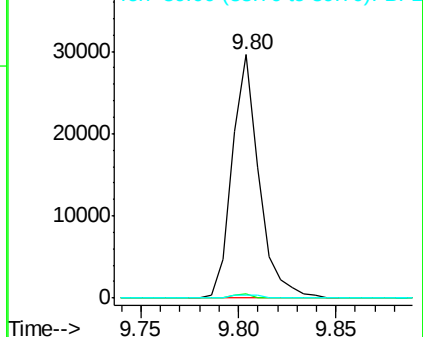
165 100

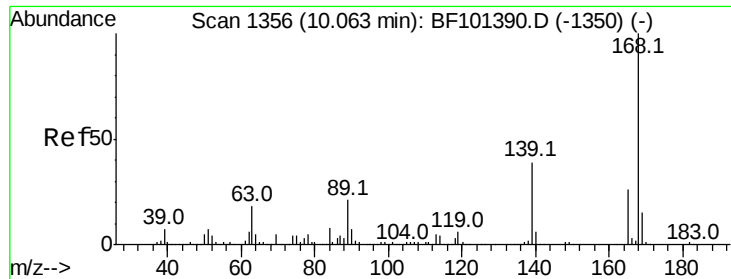
63 1.7 44.7 67.1#

89 1.0 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

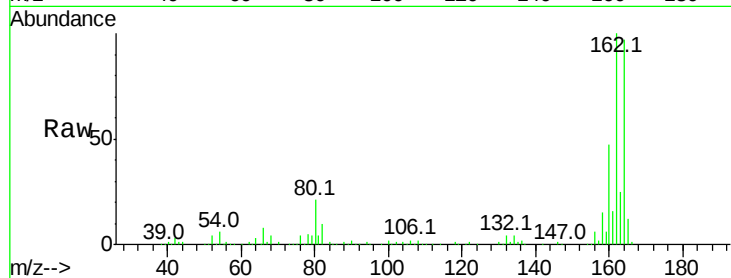




#56
 2,4-Dinitrotoluene
 Concen: 6.699 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.24 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#

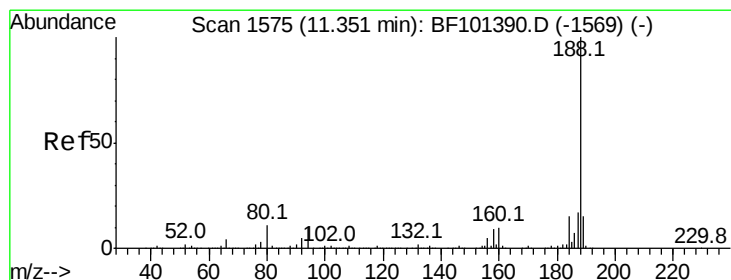
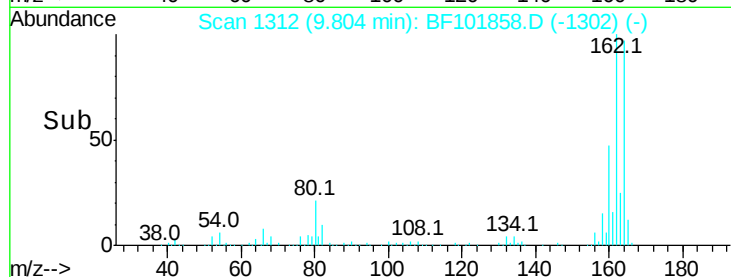
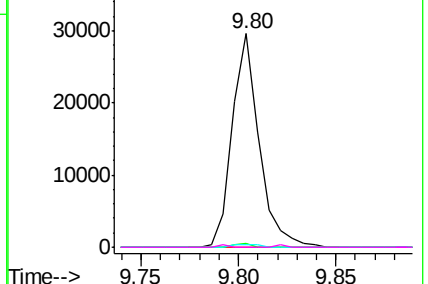


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

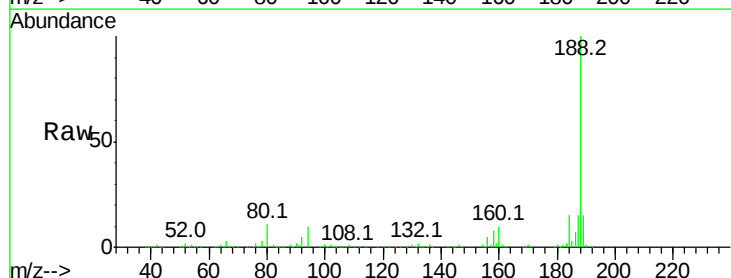
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

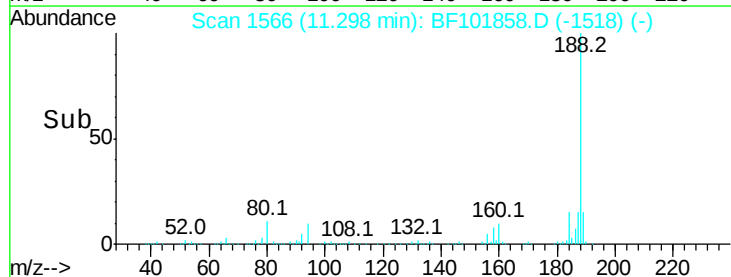
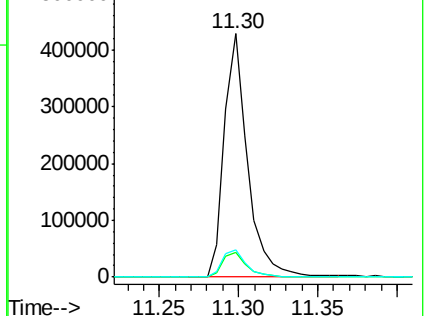
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.5	12.7
80	11.1	9.2	13.8

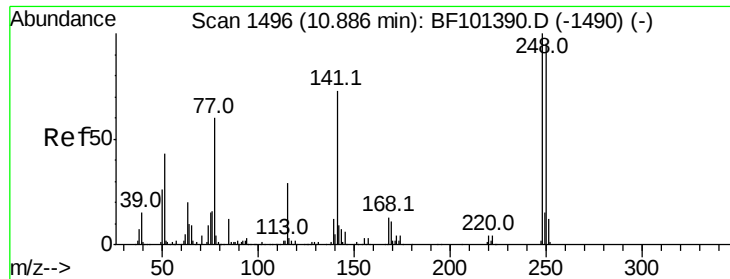


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

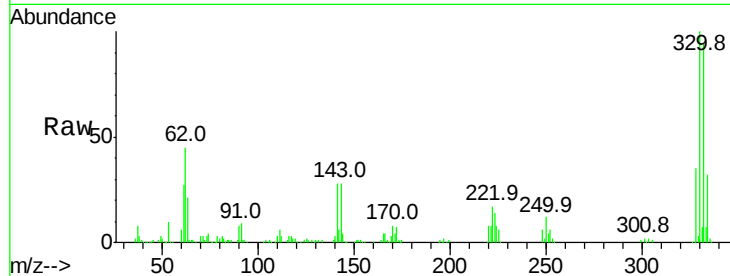




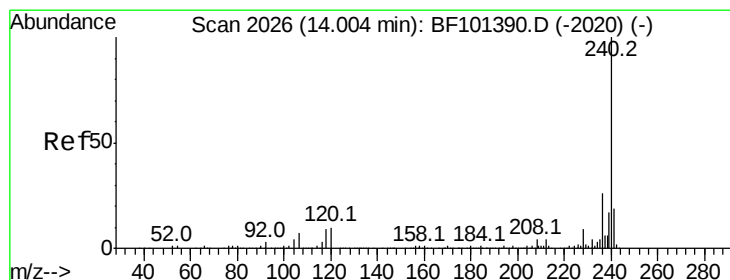
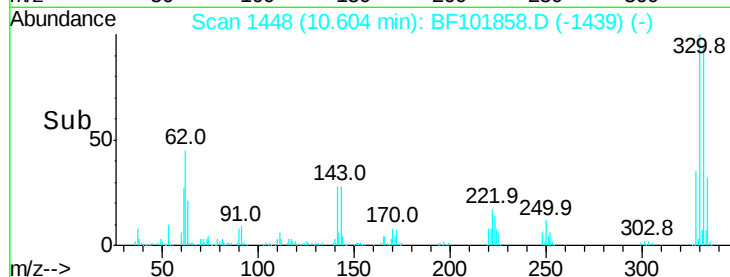
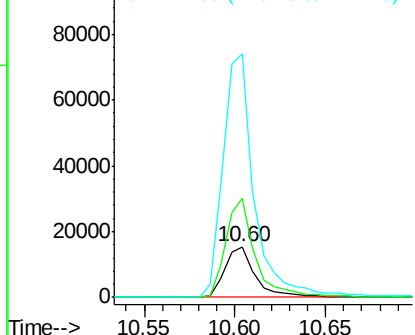
#66
 4-Bromophenyl-phenylether
 Concen: 3.616 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 17808
 Ion Ratio Lower Upper
 248 100
 250 196.0 76.9 115.3#
 141 480.4 74.4 111.6#

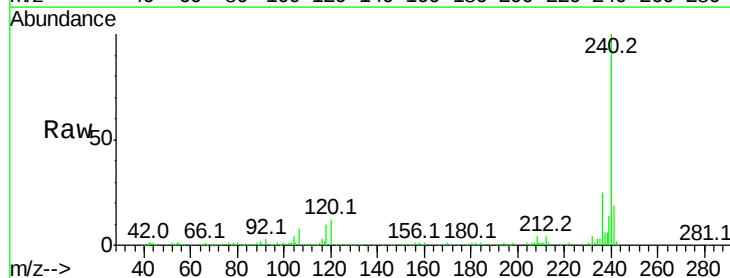


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

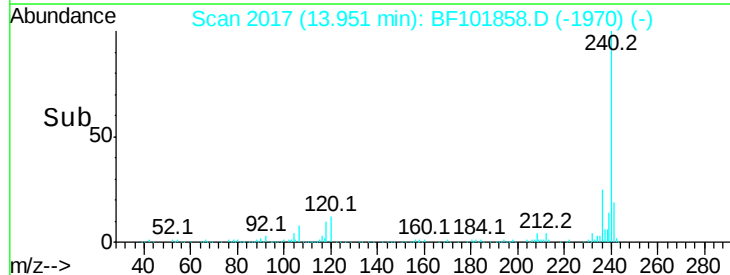
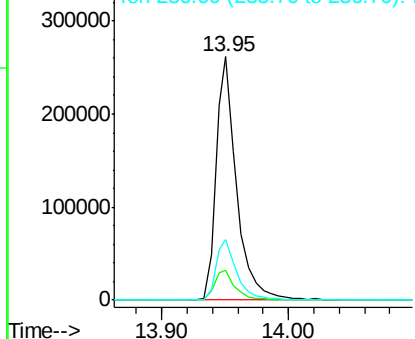


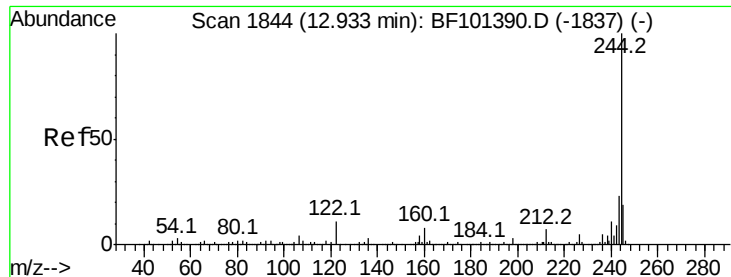
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF101858.D
 Acq: 3 Jan 2018 14:29

Tgt Ion:240 Resp: 295010
 Ion Ratio Lower Upper
 240 100
 120 12.1 9.5 14.3
 236 24.9 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: 94.386 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.02 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

Instrument :

BNA_F

ClientSampleId :

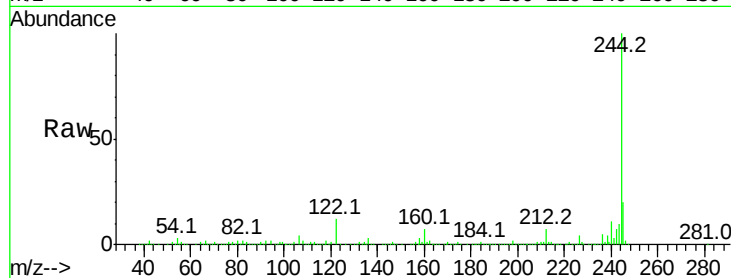
Tot Ion:244 Resp: 1155016

Ion Ratio Lower Upper

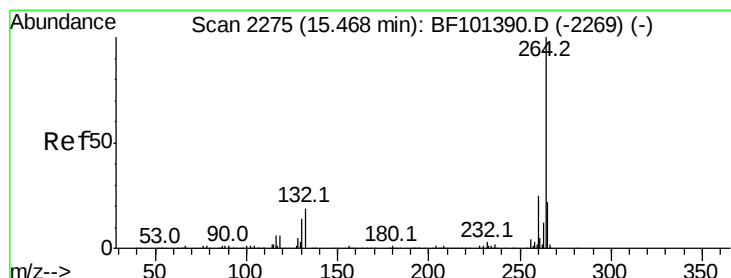
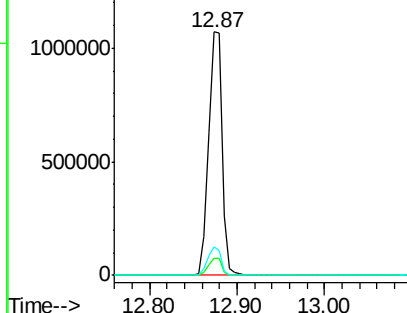
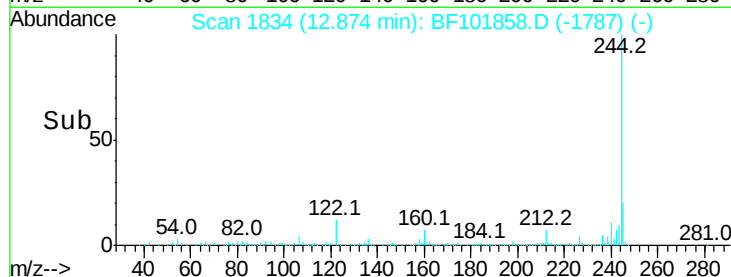
244 100

212 7.1 5.4 8.0

122 11.8 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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. -0.02 min

Lab File: BF101858.D

Acq: 3 Jan 2018 14:29

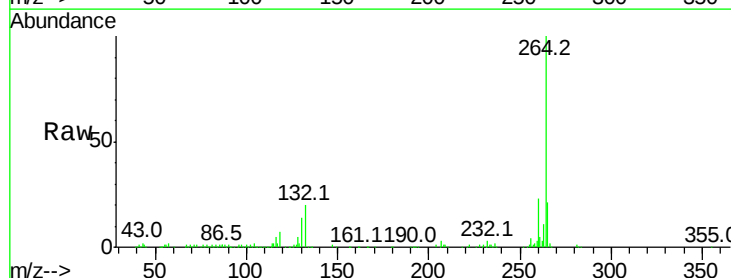
Tgt Ion:264 Resp: 249144

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 20.9 17.5 26.3



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

