

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101864.D
 Acq On : 3 Jan 2018 17:11
 Operator : SJ/JU
 Sample : I6682-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:08:30 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

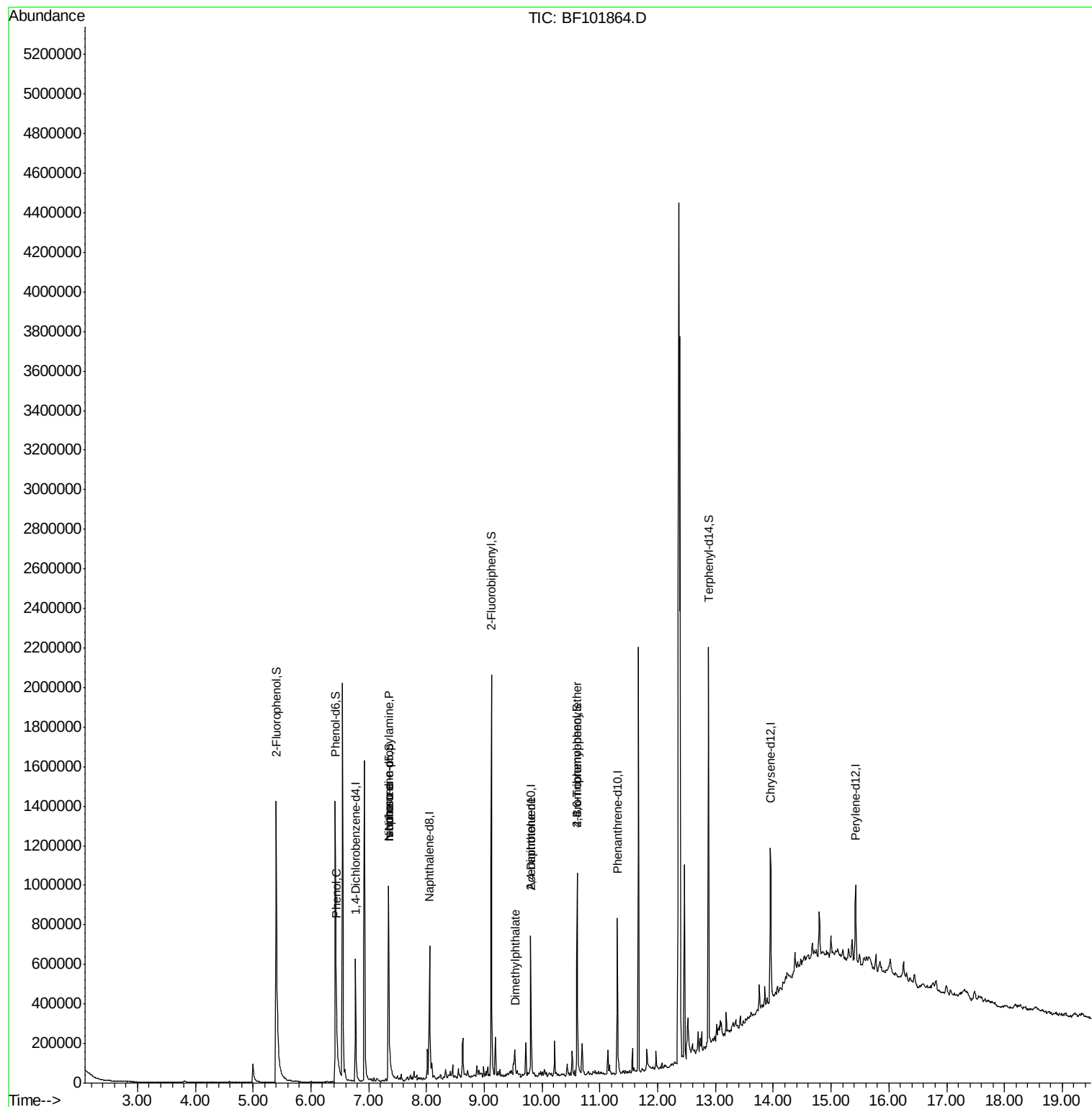
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	107178	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	366998	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	144277	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	289666	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	286083	20.00	ng	-0.02
86) Perylene-d12	15.42	264	204025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	692302	96.22	ng	0.00
7) Phenol-d6	6.42	99	785557	87.73	ng	-0.01
23) Nitrobenzene-d5	7.35	82	447866	67.93	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	138727	99.79	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	647815	69.65	ng	-0.02
78) Terphenyl-d14	12.88	244	680338	57.33	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	32553	3.190	ng	# 52
19) n-Nitroso-di-n-propylamine	7.35	70	59747	10.160	ng	# 83
25) Isophorone	7.35	82	447866	33.863	ng	# 64
49) Dimethylphthalate	9.52	163	52930	4.561	ng	# 99
56) 2,4-Dinitrotoluene	9.80	165	20173	7.591	ng	# 24
66) 4-Bromophenyl-phenylether	10.60	248	8878	2.728	ng	# 1

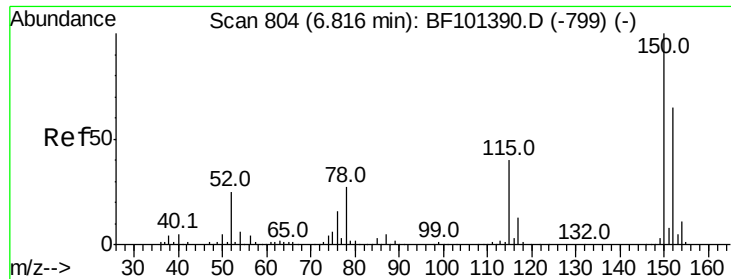
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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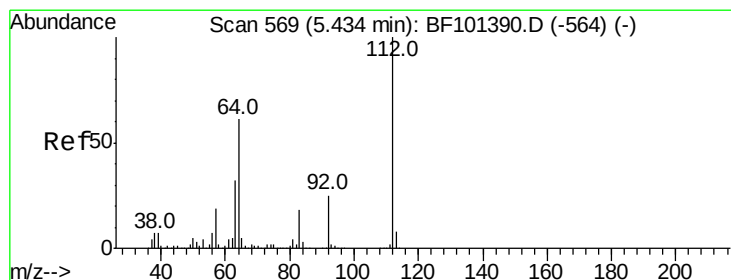
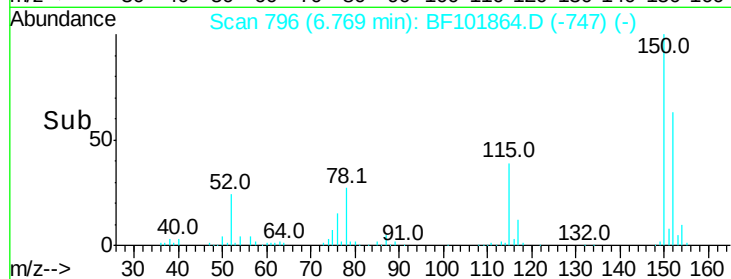
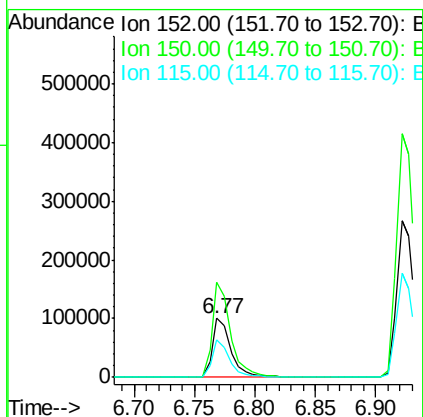
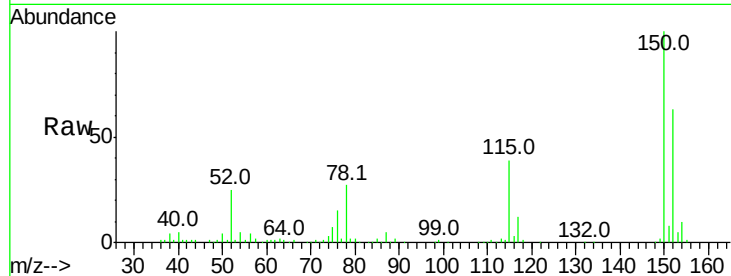


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

Instrument :
BNA_F
ClientSampled :

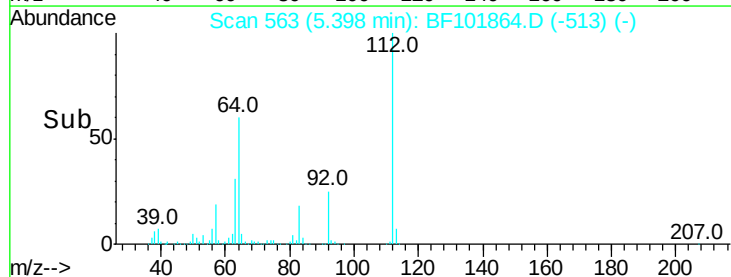
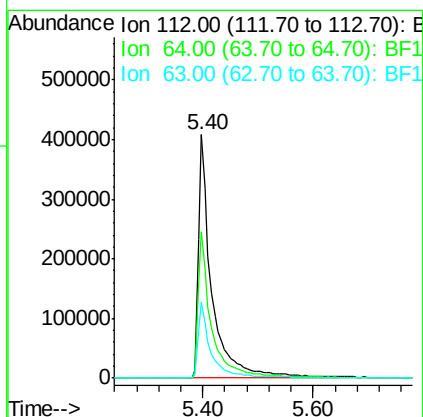
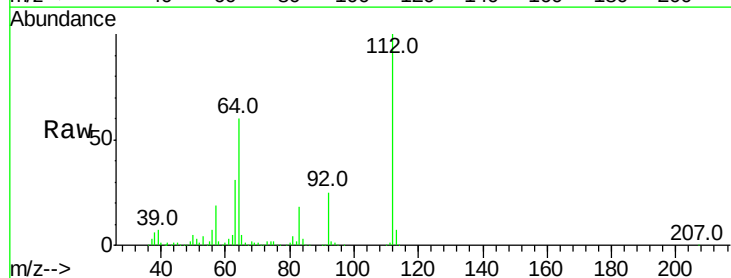
Tot Ion:152 Resp: 107178
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 62.7 50.1 75.1

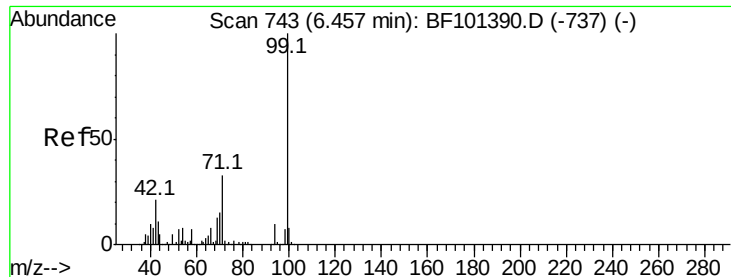


#5

2-Fluorophenol
Concen: 96.217 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

Tgt Ion:112 Resp: 692302
Ion Ratio Lower Upper
112 100
64 60.3 47.9 71.9
63 31.3 23.7 35.5





#7

Phenol-d6

Concen: 87.726 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

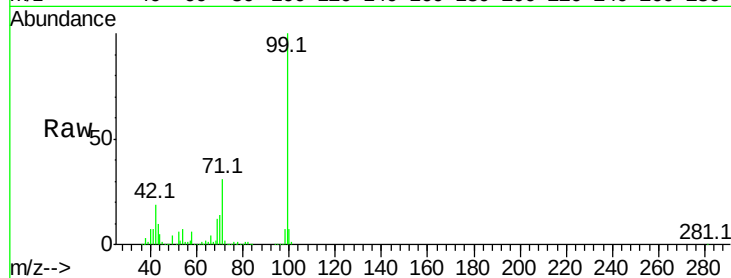
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 785557

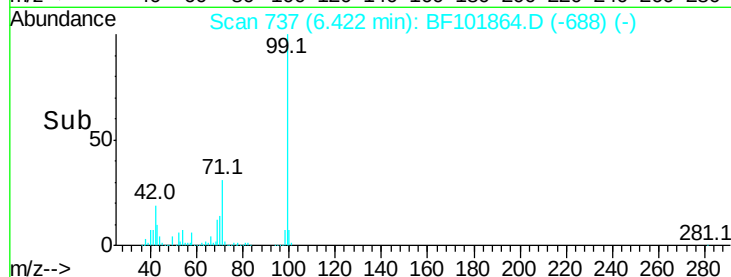
Ion	Ratio	Lower	Upper
99	100		
42	19.1	14.5	21.7
71	31.1	25.4	38.0



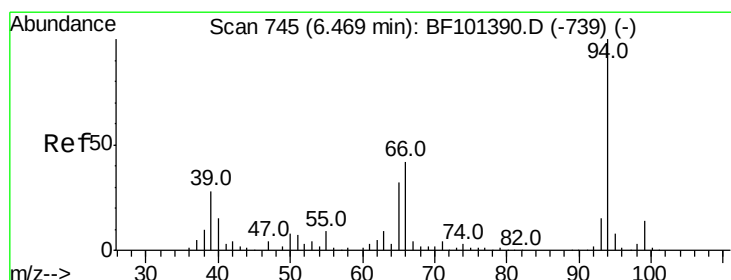
Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 3.190 ng

RT: 6.44 min Scan# 740

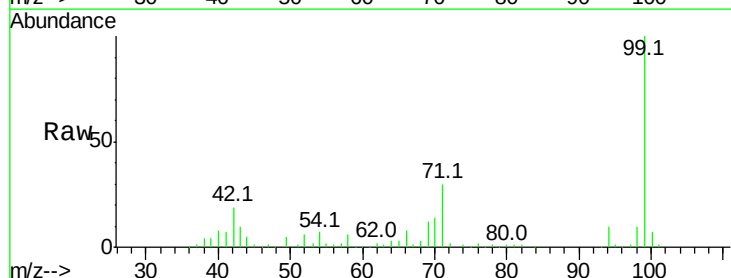
Delta R.T. -0.01 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

Tgt Ion: 94 Resp: 32553

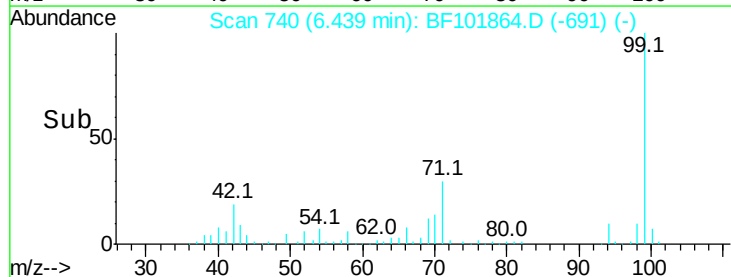
Ion	Ratio	Lower	Upper
94	100		
65	33.4	7.9	47.9
66	81.4	16.2	56.2



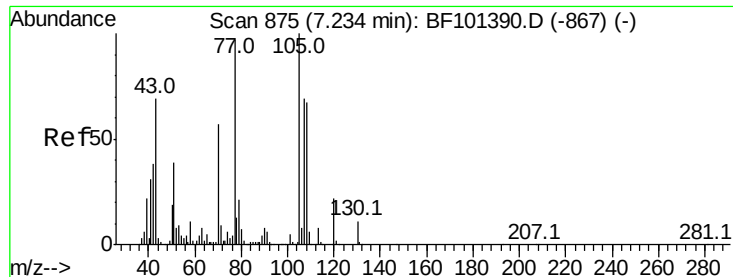
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



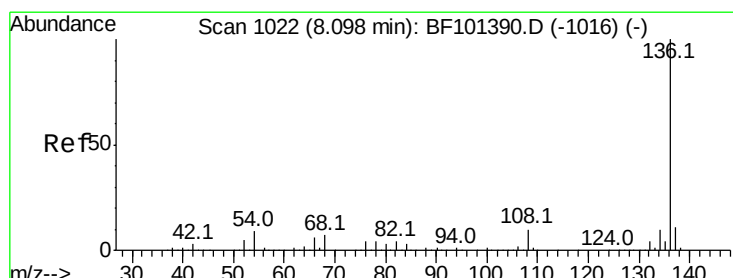
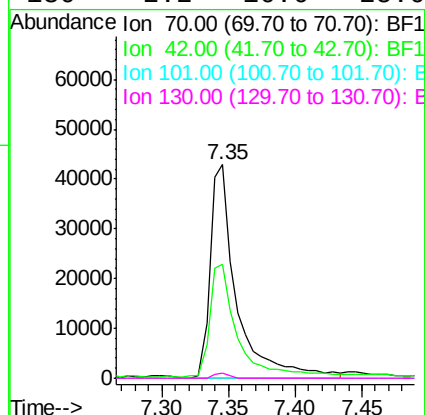
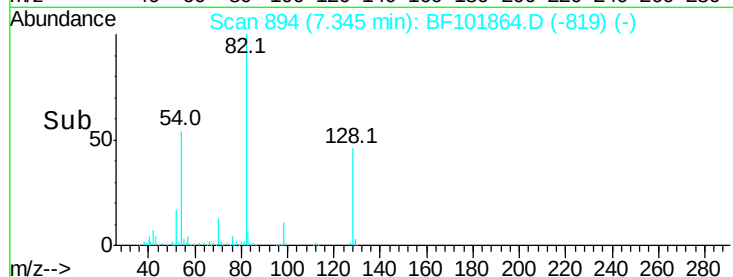
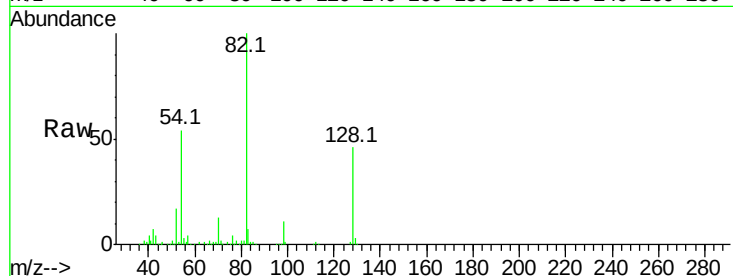
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 10.160 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

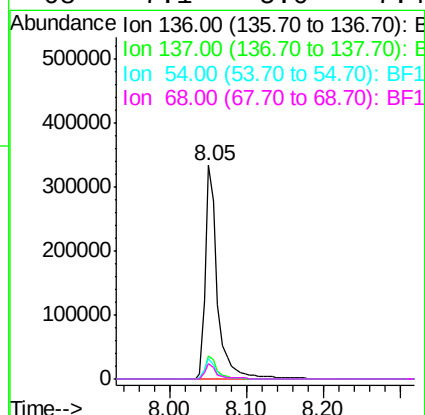
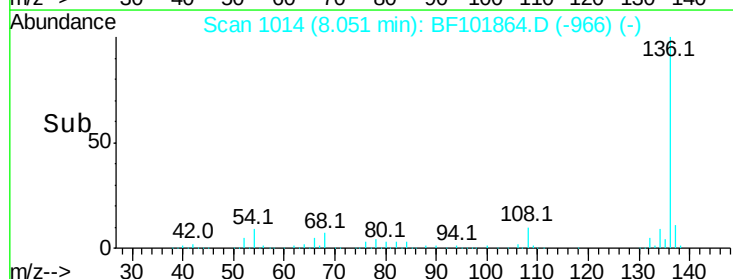
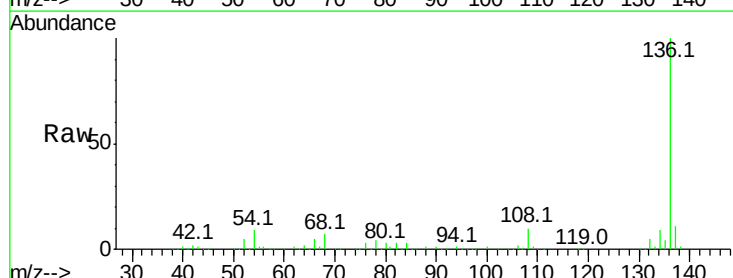
Instrument :
BNA_F
ClientSampleId :

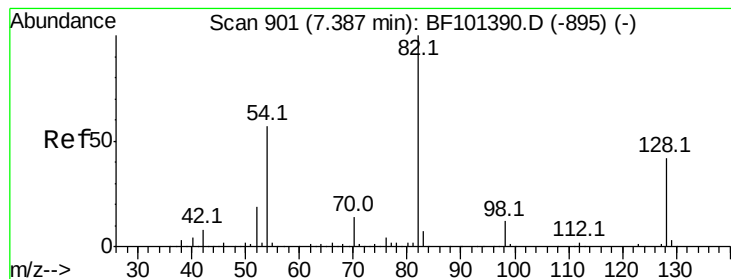
Tot Ion: 70 Resp: 59747
Ion Ratio Lower Upper
70 100
42 53.5 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

Tgt Ion: 136 Resp: 366998
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.3 6.6 9.8
68 7.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 67.932 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

Instrument :

BNA_F

ClientSampled :

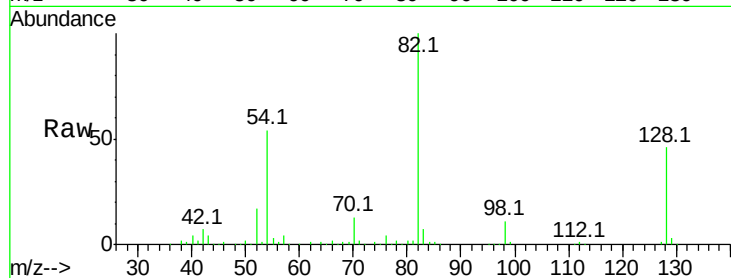
Tot Ion: 82 Resp: 447866

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

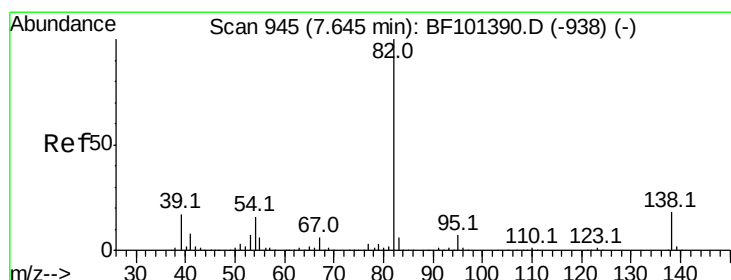
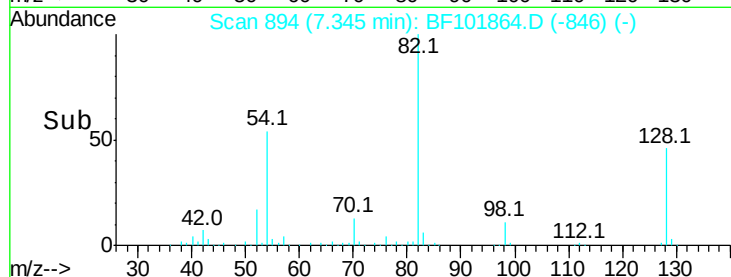
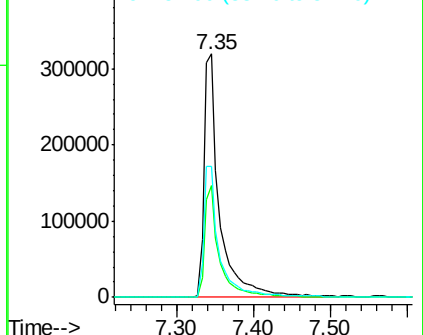
54 54.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 33.863 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

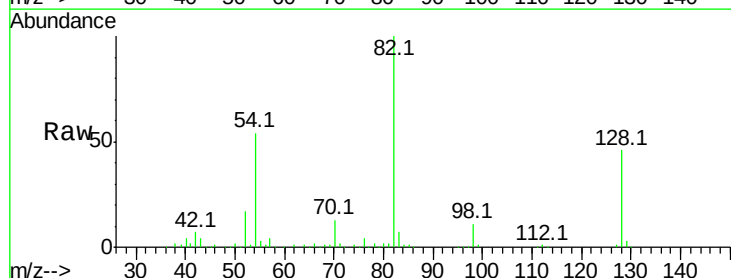
Tgt Ion: 82 Resp: 447866

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

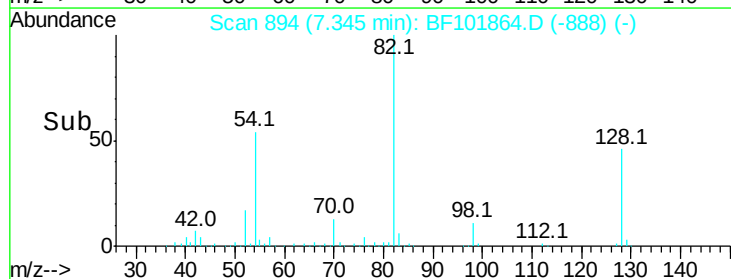
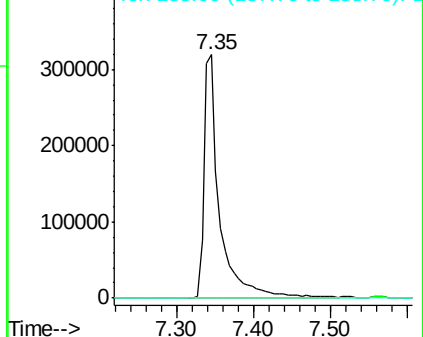
138 0.0 14.9 22.3#

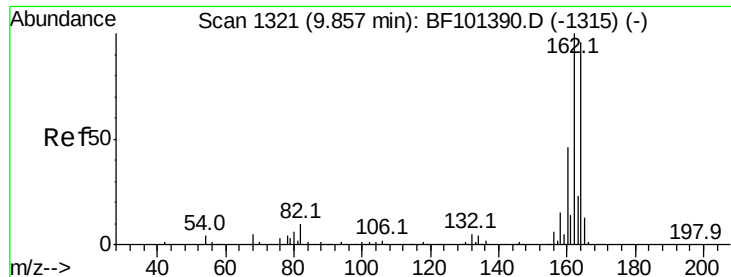


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF101864.D

Acq: 3 Jan 2018 17:11

Instrument :

BNA_F

ClientSampleId :

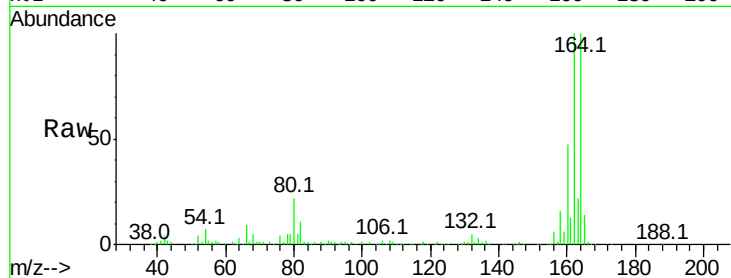
Tot Ion:164 Resp: 144277

Ion Ratio Lower Upper

164 100

162 99.8 86.1 129.1

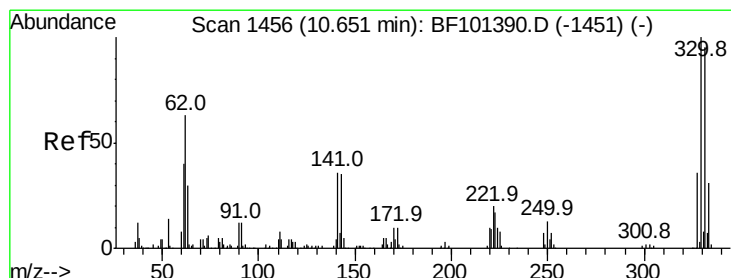
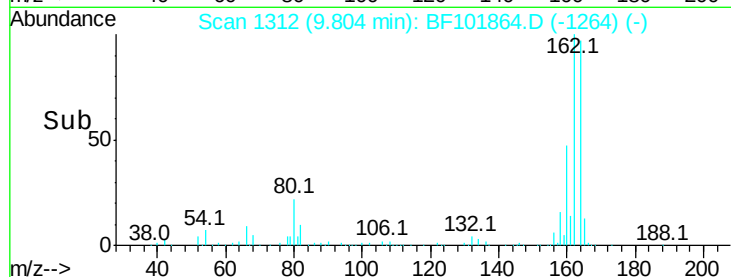
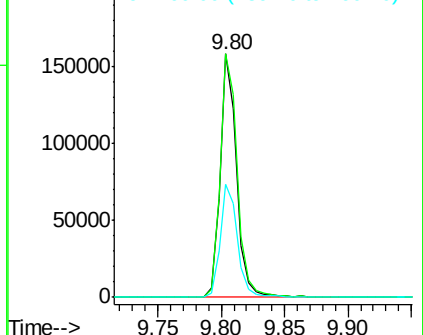
160 46.5 38.3 57.5



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: 99.788 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

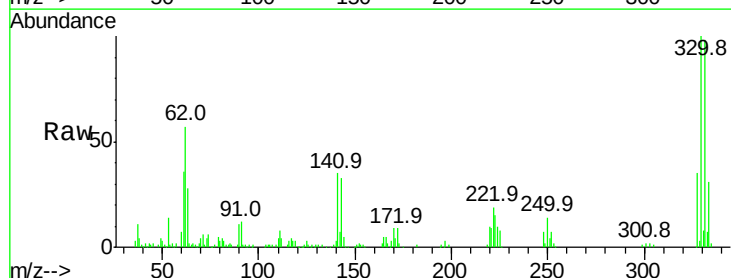
Tgt Ion:330 Resp: 138727

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

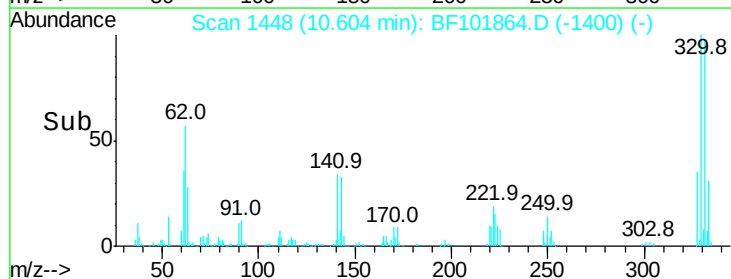
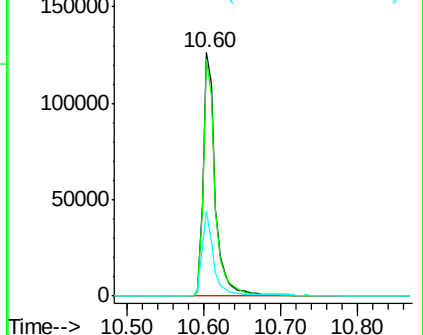
141 33.6 29.9 44.9

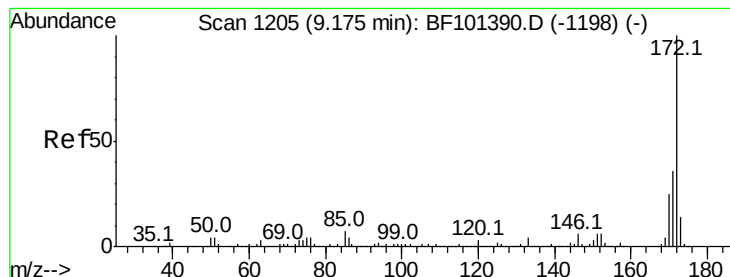


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 69.652 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

Instrument :

BNA_F

ClientSampleId :

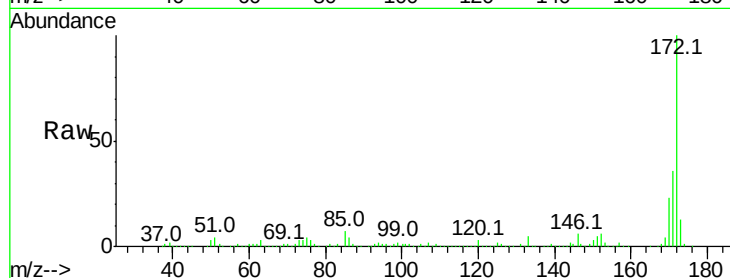
Tot Ion:172 Resp: 647815

Ion Ratio Lower Upper

172 100

171 35.8 29.7 44.5

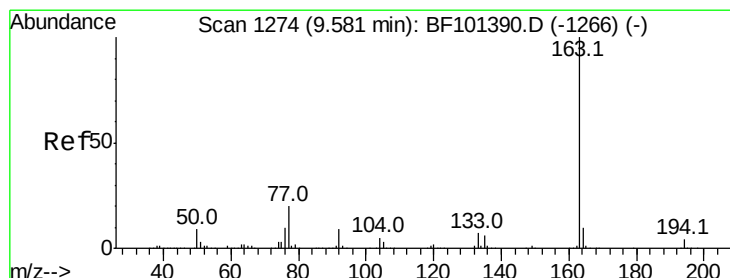
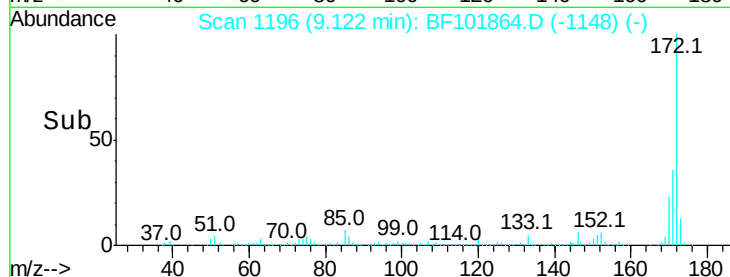
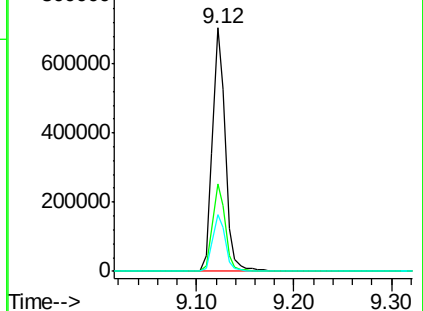
170 23.4 19.6 29.4



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: 4.561 ng

RT: 9.52 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF101864.D

Acq: 3 Jan 2018 17:11

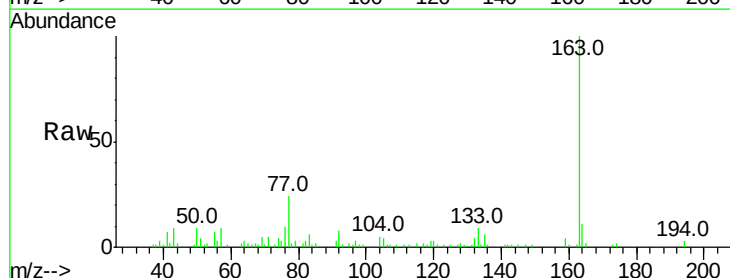
Tgt Ion:163 Resp: 52930

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

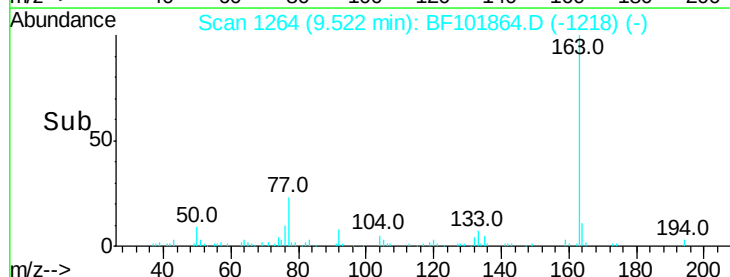
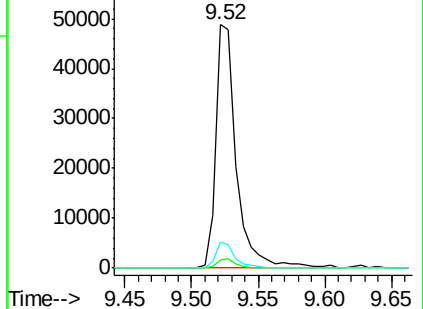
164 10.7 8.2 12.2

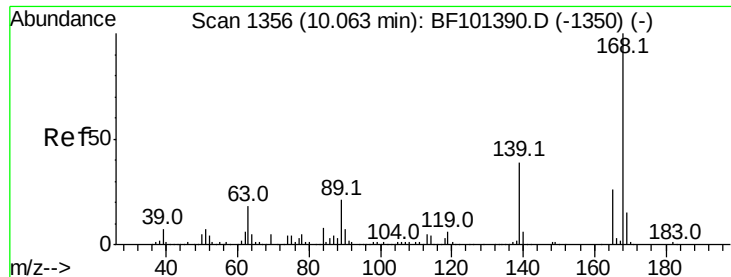


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

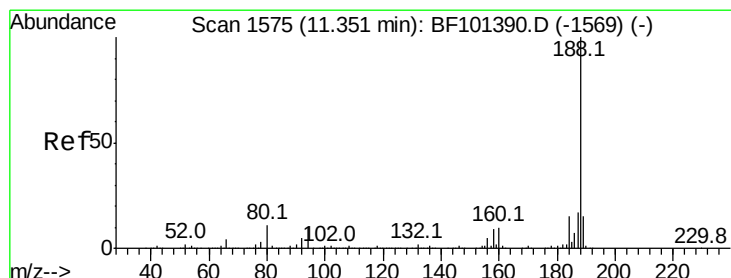
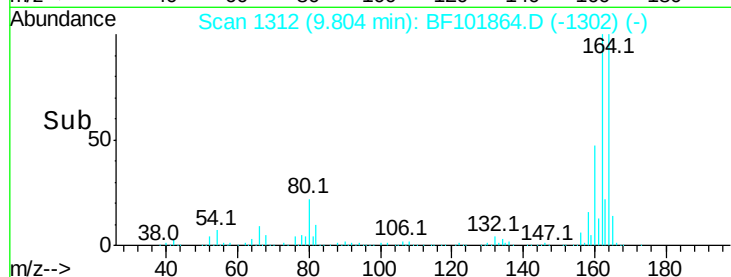
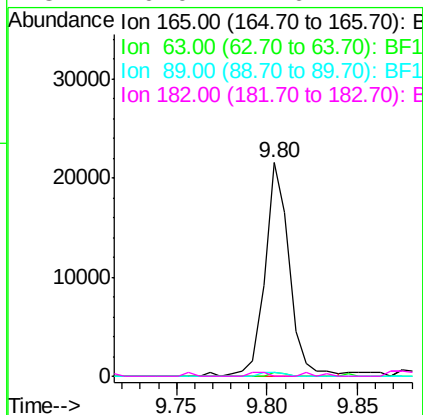
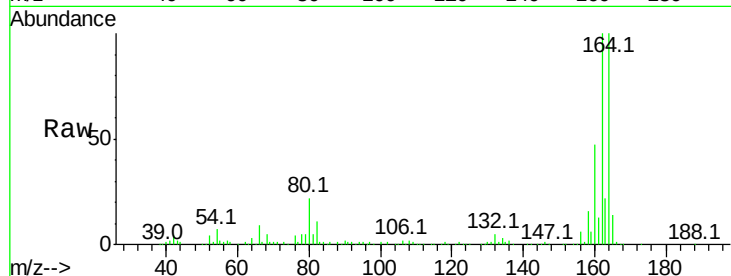




#56
 2,4-Dinitrotoluene
 Concen: 7.591 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.24 min
 Lab File: BF101864.D
 Acq: 3 Jan 2018 17:11

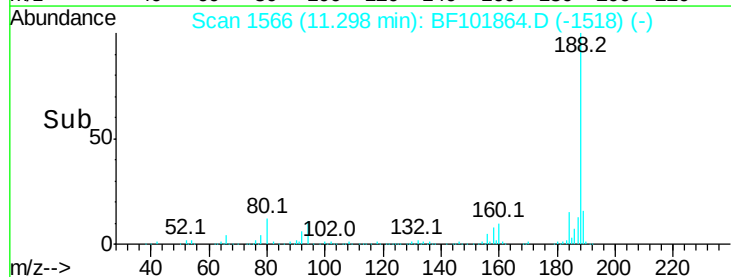
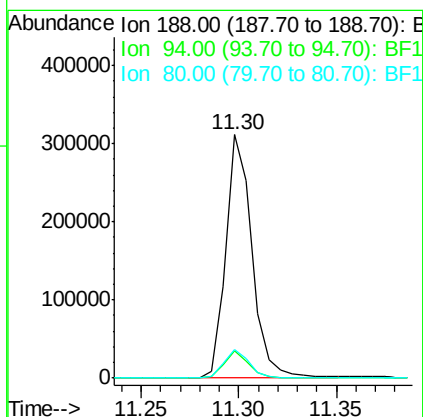
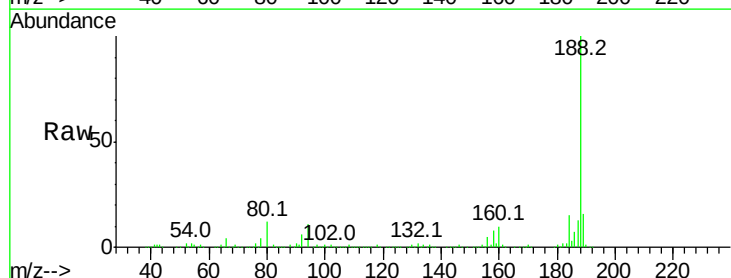
Instrument :
 BNA_F
 ClientSampleId :

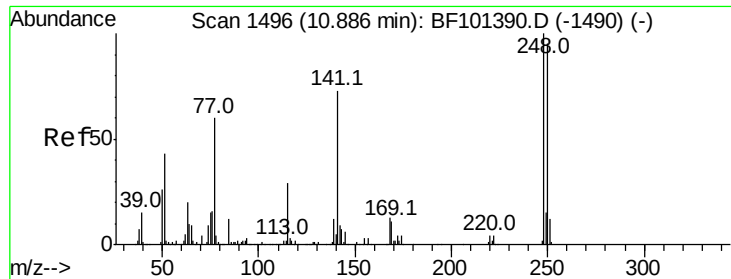
Tot Ion:165 Resp: 20173
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.9 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF101864.D
 Acq: 3 Jan 2018 17:11

Tgt Ion:188 Resp: 289666
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.5 12.7
 80 11.9 9.2 13.8

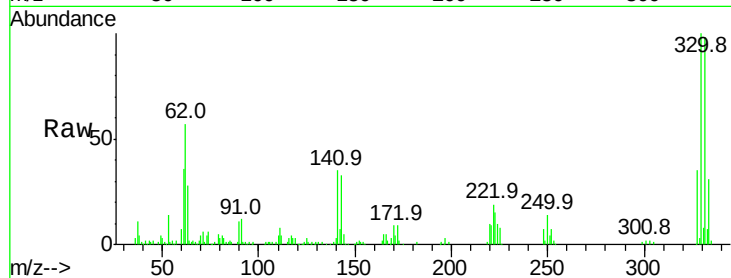




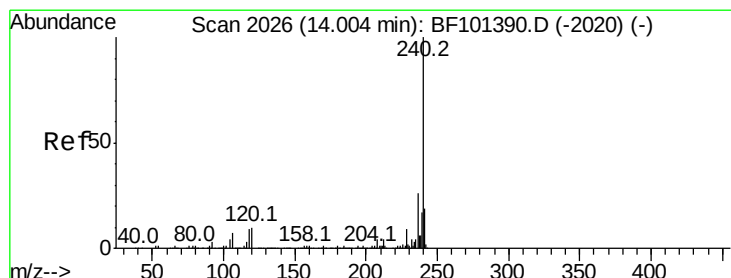
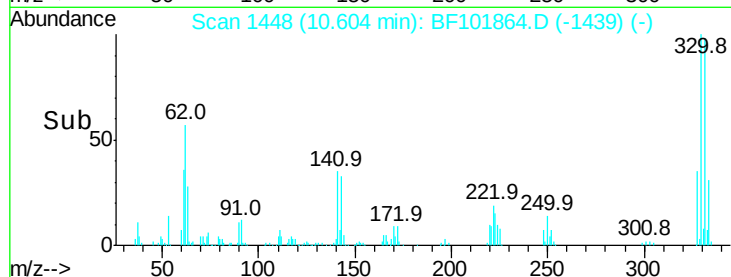
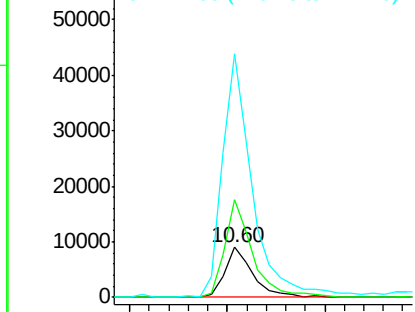
#66
4-Bromophenyl-phenylether
Concen: 2.728 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 8878
Ion Ratio Lower Upper
248 100
250 194.6 76.9 115.3#
141 486.0 74.4 111.6#

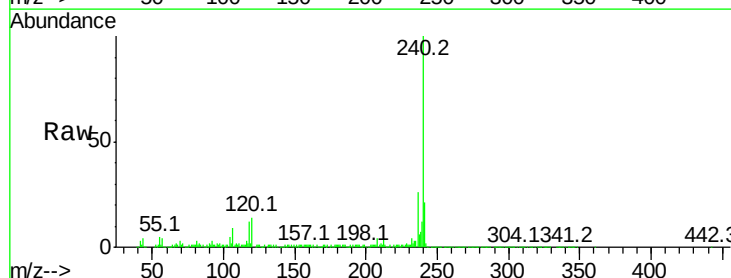


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

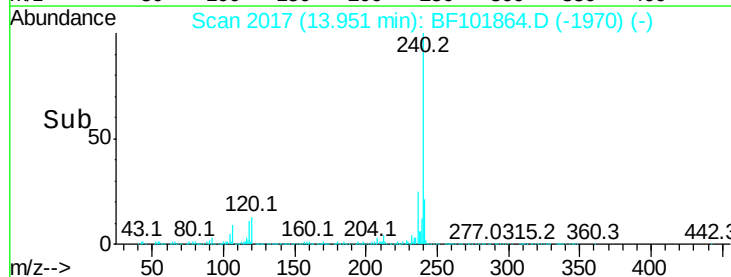
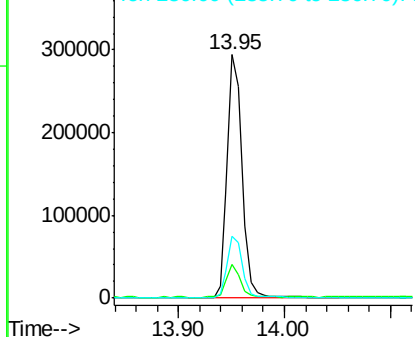


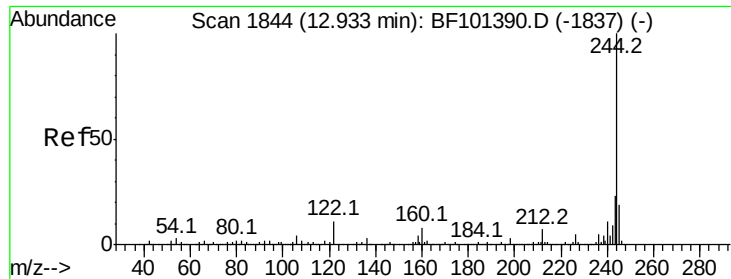
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101864.D
Acq: 3 Jan 2018 17:11

Tgt Ion:240 Resp: 286083
Ion Ratio Lower Upper
240 100
120 13.7 9.5 14.3
236 25.5 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

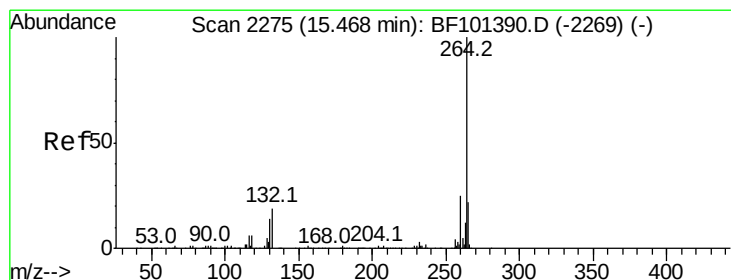
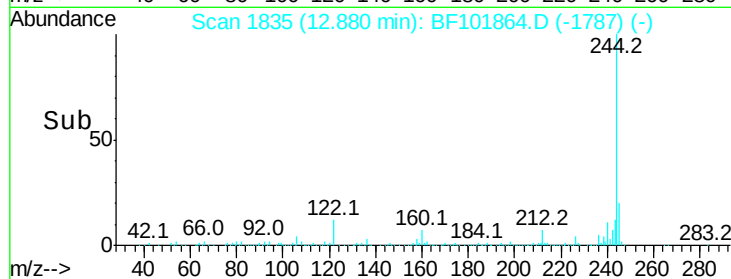
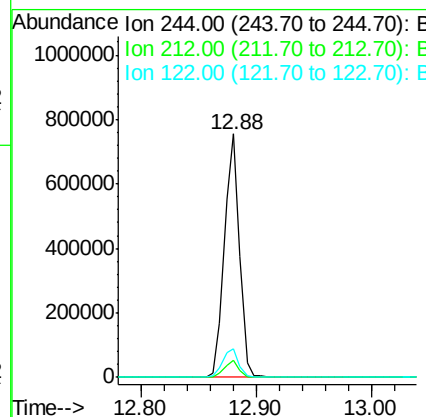
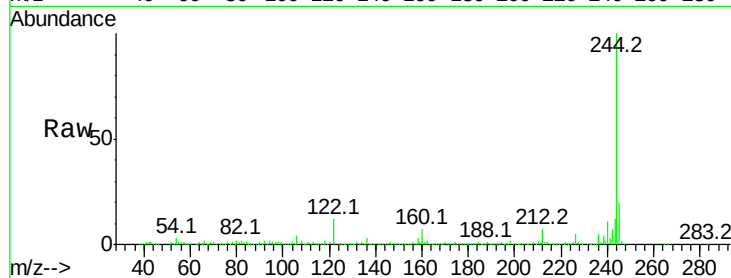




#78
 Terphenyl-d14
 Concen: 57.331 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF101864.D
 Acq: 3 Jan 2018 17:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 680338
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 11.6 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2267
 Delta R.T. -0.02 min
 Lab File: BF101864.D
 Acq: 3 Jan 2018 17:11

Tgt Ion:264 Resp: 204025
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.6 17.5 26.3

