

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101877.D
 Acq On : 3 Jan 2018 22:59
 Operator : SJ/JU
 Sample : J1004-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:15:46 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

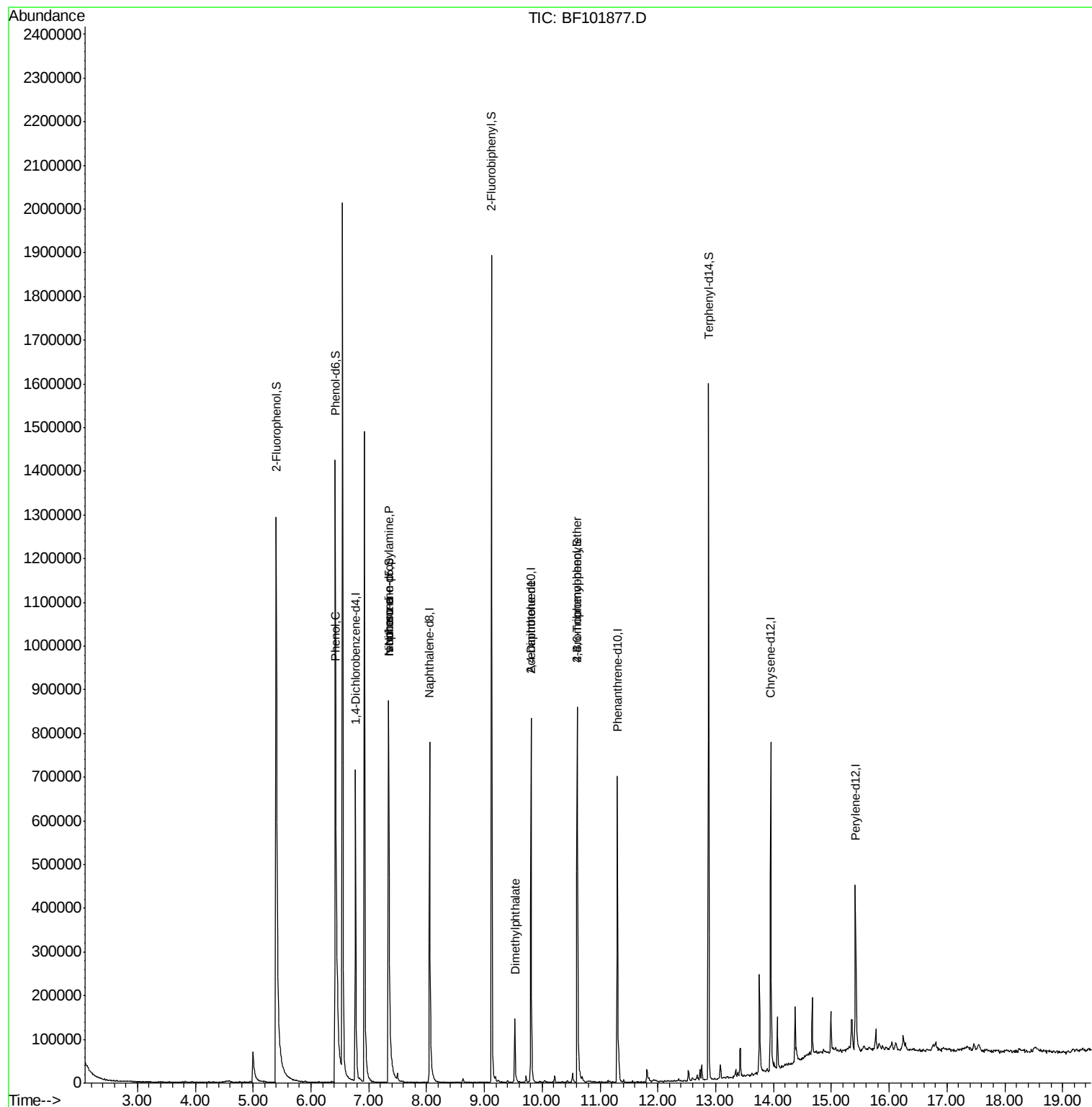
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	122912	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	449649	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	163761	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	289961	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	269451	20.00	ng	-0.02
86) Perylene-d12	15.42	264	201284	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	696649	84.43	ng	0.00
7) Phenol-d6	6.42	99	824011	80.24	ng	-0.01
23) Nitrobenzene-d5	7.35	82	454783	56.30	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	121095	76.74	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	619125	58.65	ng	-0.02
78) Terphenyl-d14	12.87	244	546147	48.86	ng	-0.02
Target Compounds						
10) Phenol	6.43	94	36381	3.108	ng	# 43
19) n-Nitroso-di-n-propylamine	7.34	70	56291	8.347	ng	# 84
25) Isophorone	7.35	82	454783	28.066	ng	# 64
49) Dimethylphthalate	9.53	163	76770	5.828	ng	# 98
56) 2,4-Dinitrotoluene	9.80	165	20987	6.958	ng	# 23
66) 4-Bromophenyl-phenylether	10.60	248	7581	2.327	ng	# 1

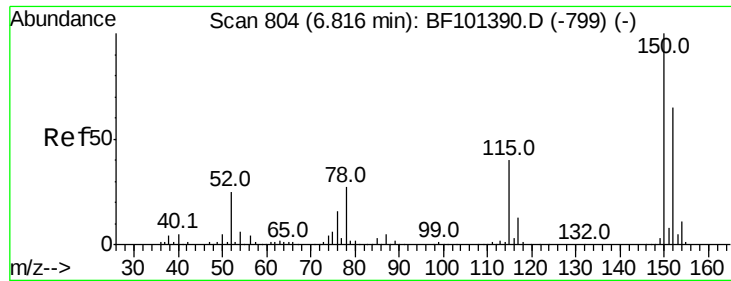
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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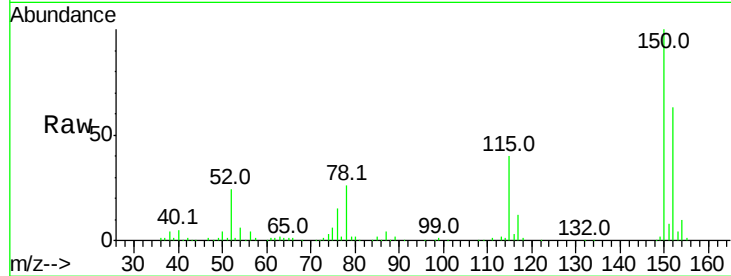


#1

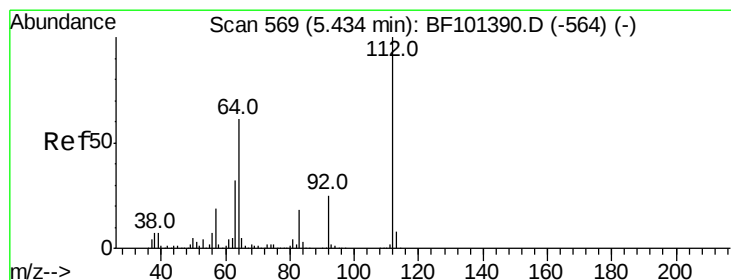
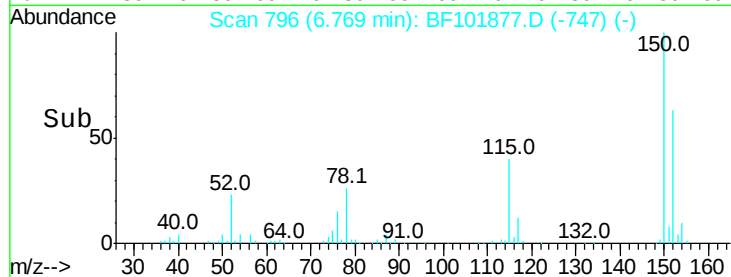
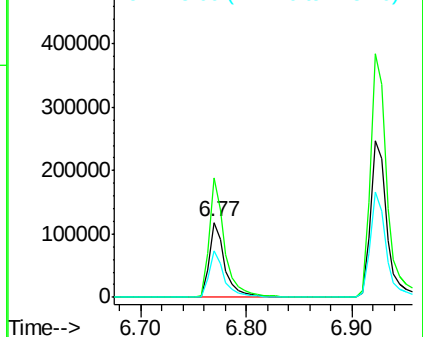
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 122912
Ion Ratio Lower Upper
152 100
150 158.9 124.6 186.8
115 62.8 50.1 75.1



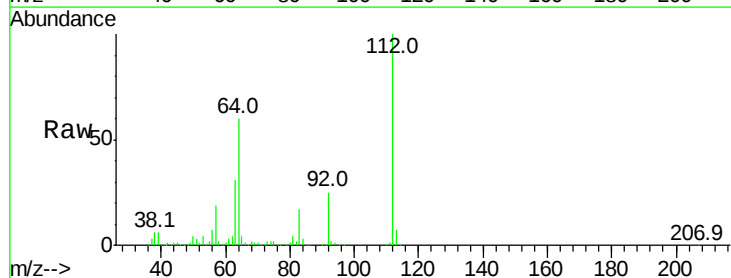
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



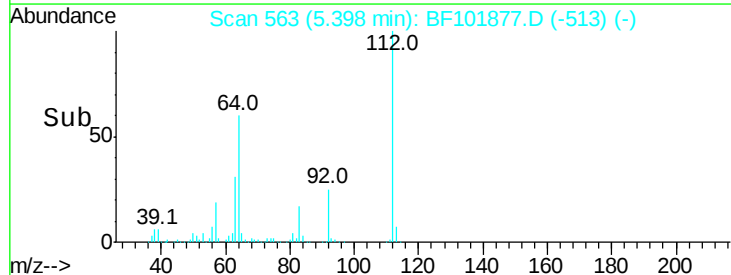
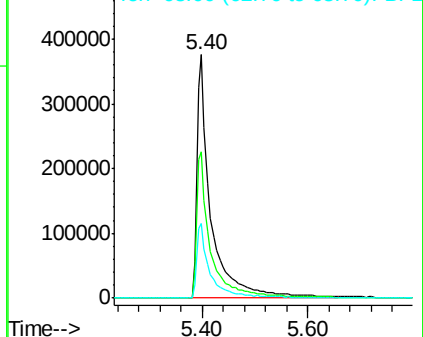
#5

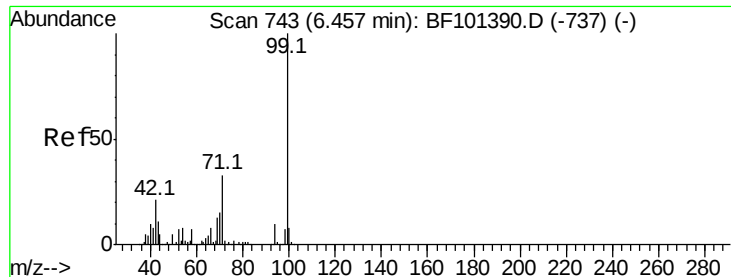
2-Fluorophenol
Concen: 84.427 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Tgt Ion:112 Resp: 696649
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 30.7 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: 80.241 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

Instrument :

BNA_F

ClientSampleId :

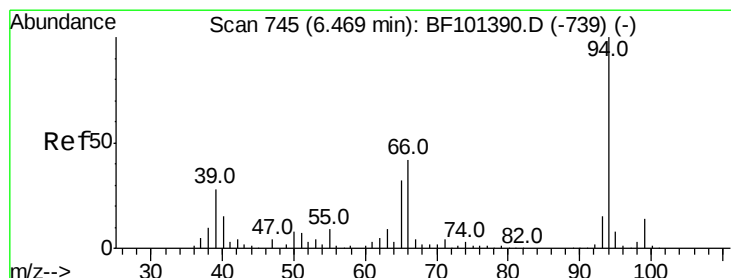
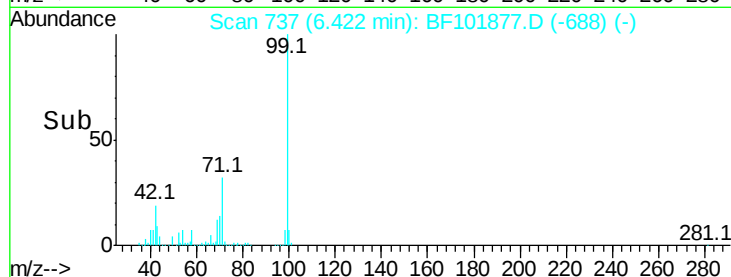
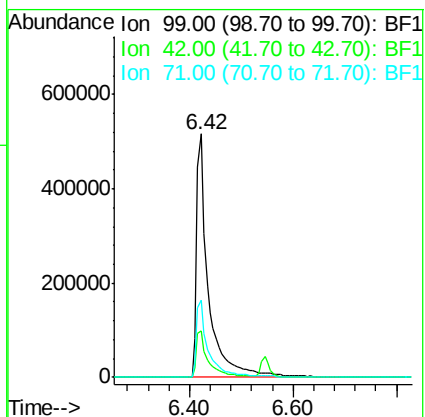
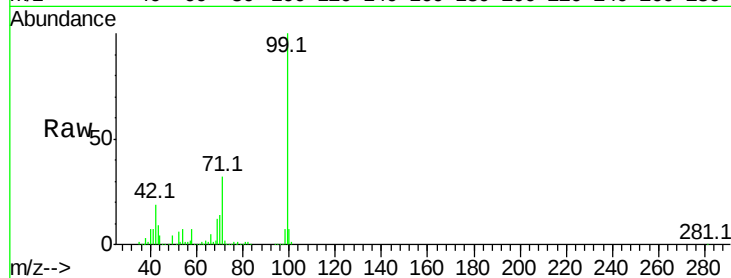
Tot Ion: 99 Resp: 824011

Ion Ratio Lower Upper

99 100

42 19.0 14.5 21.7

71 31.6 25.4 38.0



#10

Phenol

Concen: 3.108 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

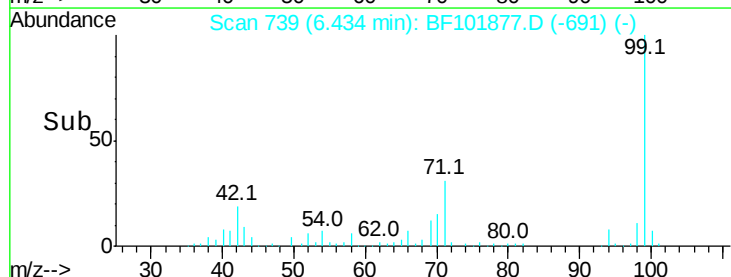
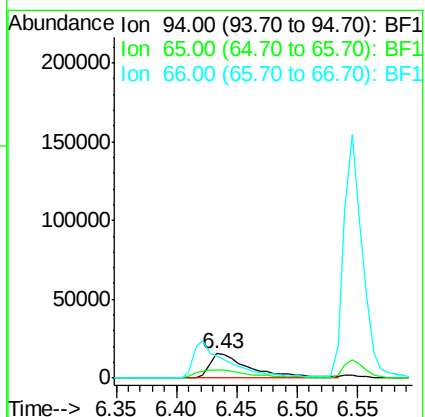
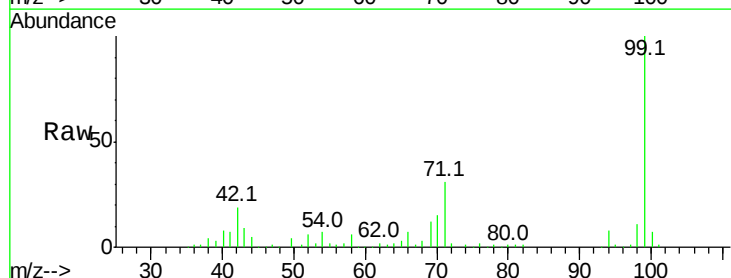
Tgt Ion: 94 Resp: 36381

Ion Ratio Lower Upper

94 100

65 34.8 7.9 47.9

66 89.8 16.2 56.2#





#19

n-Nitroso-di-n-propylamine

Concen: 8.347 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 56291

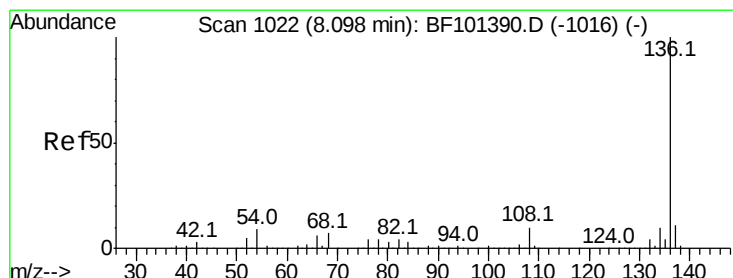
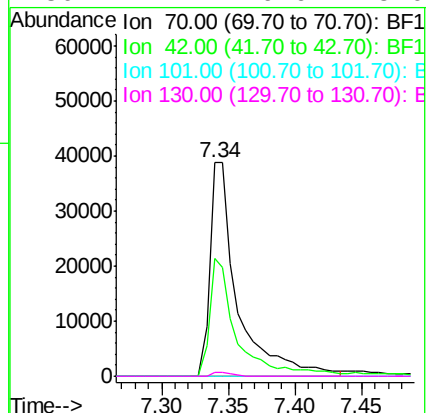
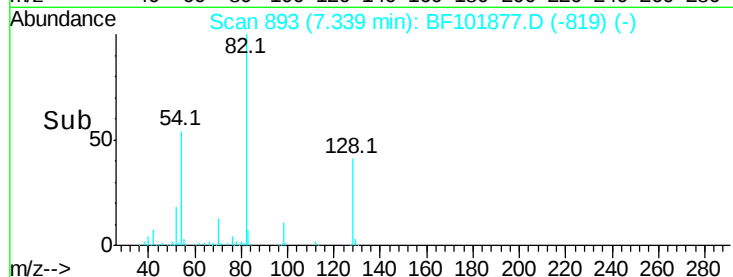
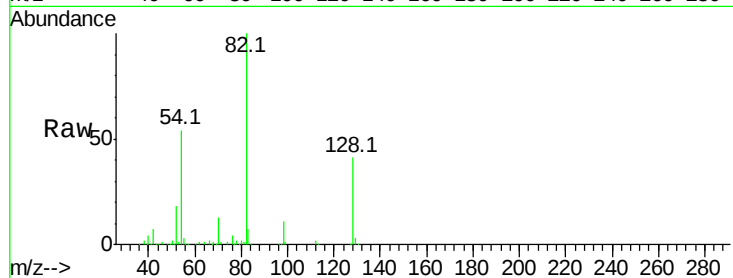
Ion Ratio Lower Upper

70 100

42 55.0 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: 8.05 min Scan# 1014

Delta R.T. -0.02 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

Tgt Ion: 136 Resp: 449649

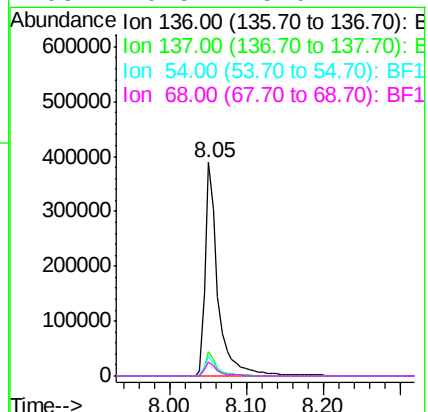
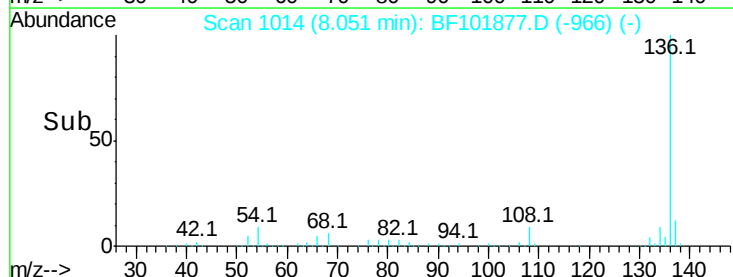
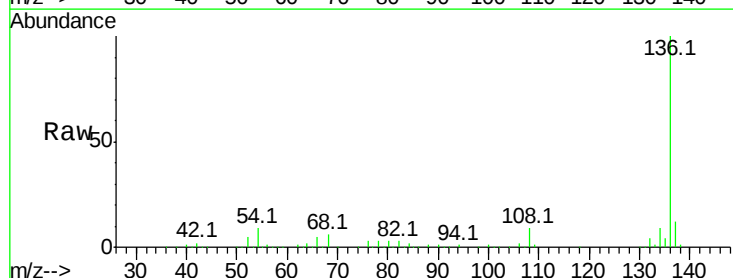
Ion Ratio Lower Upper

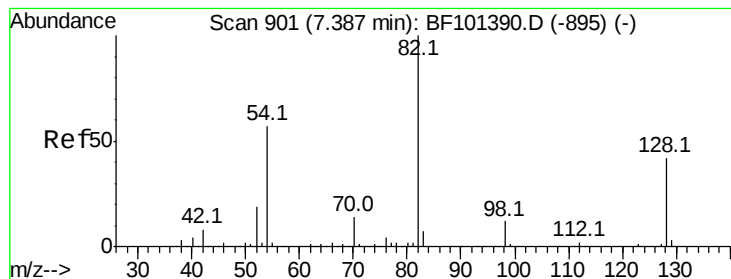
136 100

137 11.5 8.9 13.3

54 8.8 6.6 9.8

68 6.5 5.0 7.4





#23

Nitrobenzene-d5

Concen: 56.301 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

Instrument :

BNA_F

ClientSampleId :

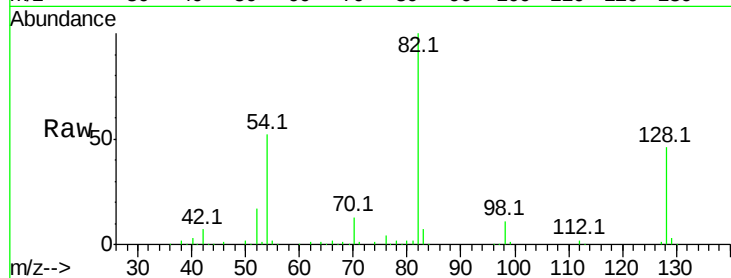
Tot Ion: 82 Resp: 454783

Ion Ratio Lower Upper

82 100

128 45.6 36.1 54.1

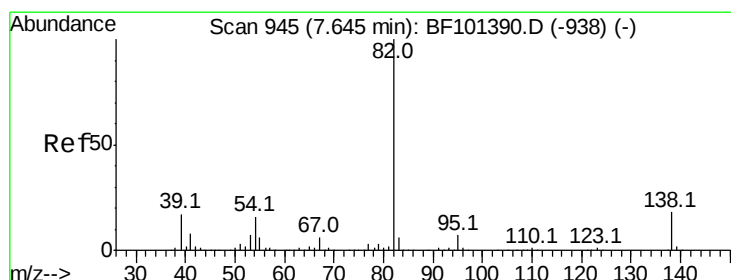
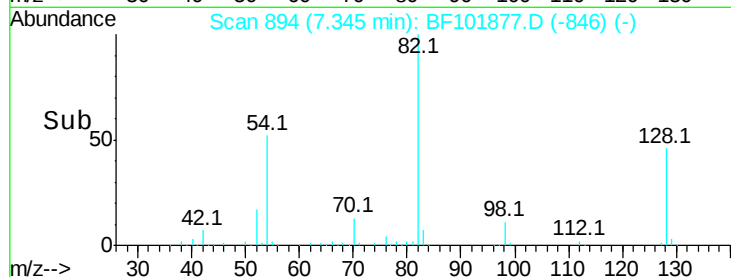
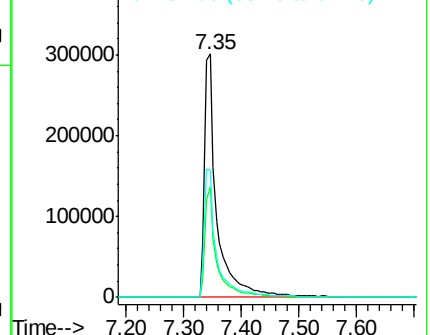
54 52.1 41.4 62.2



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: 28.066 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

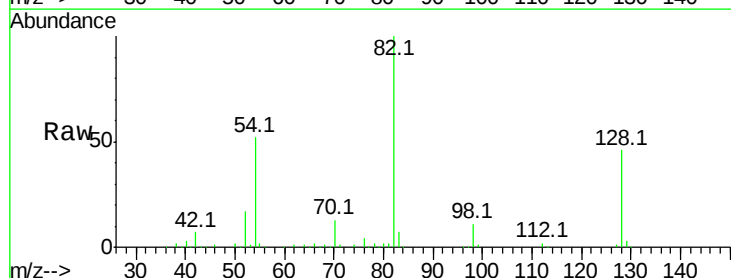
Tgt Ion: 82 Resp: 454783

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

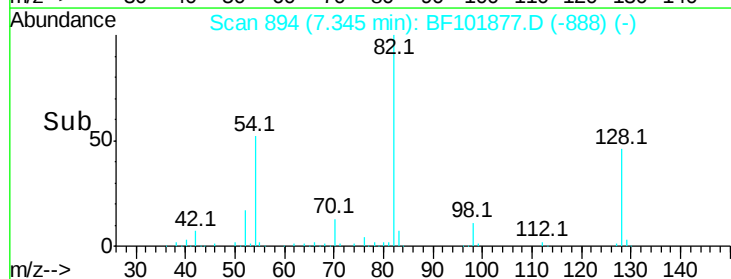
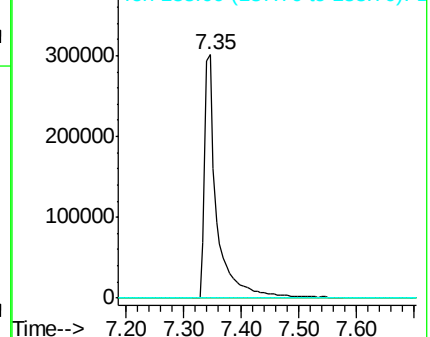
138 0.0 14.9 22.3#

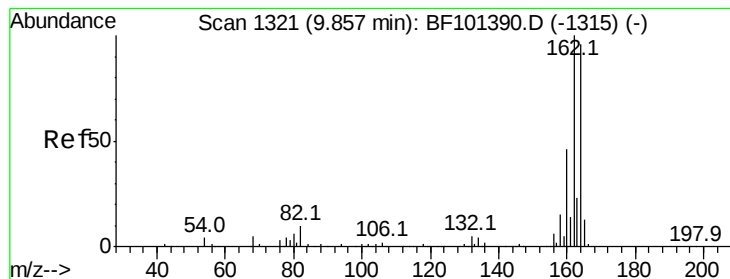


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF101877.D

Acq: 3 Jan 2018 22:59

Instrument :

BNA_F

ClientSampleId :

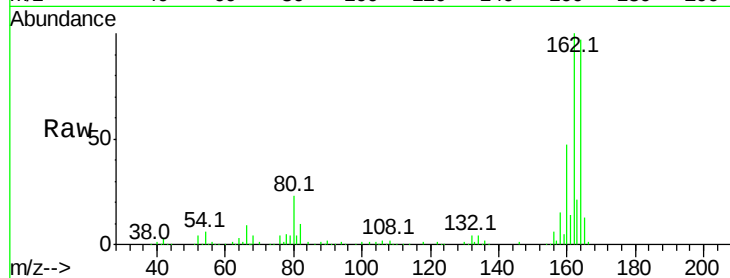
Tot Ion:164 Resp: 163761

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

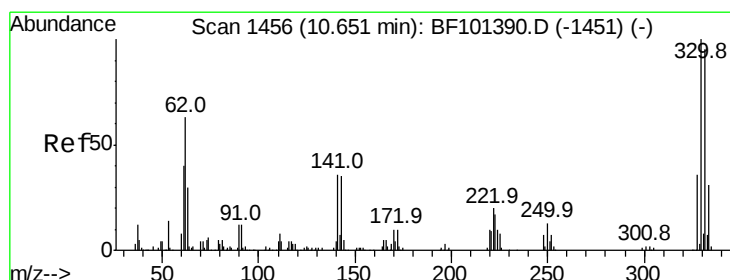
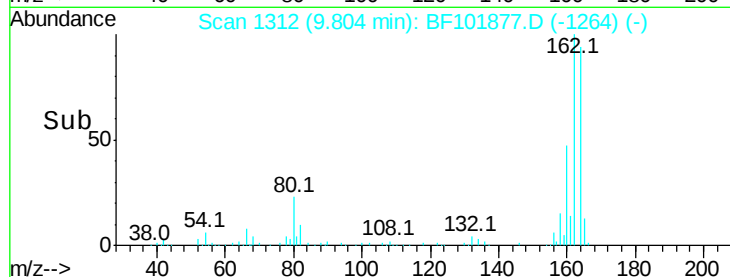
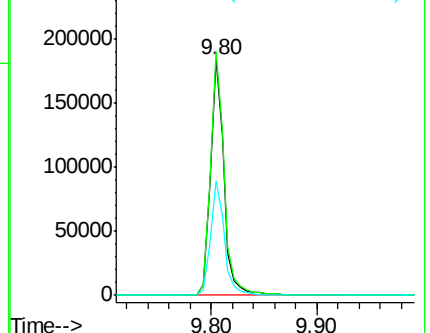
160 48.5 38.3 57.5



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: 76.741 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.02 min

Lab File: BF101877.D

Acq: 3 Jan 2018 22:59

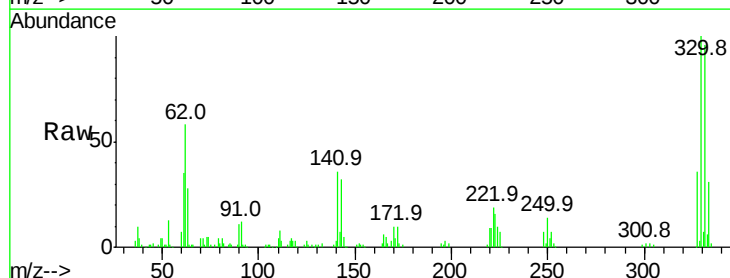
Tgt Ion:330 Resp: 121095

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

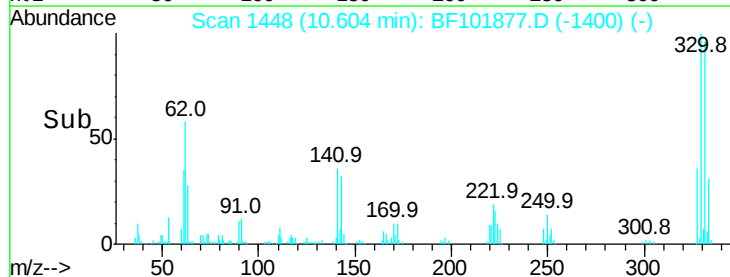
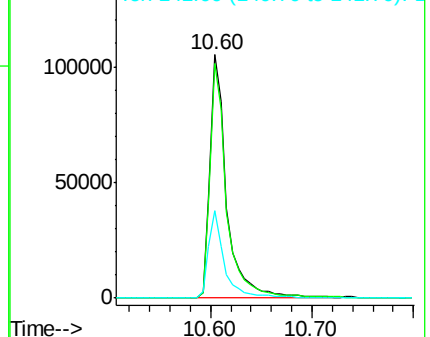
141 34.2 29.9 44.9



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

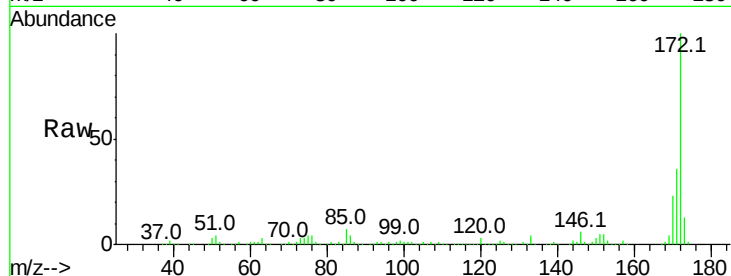




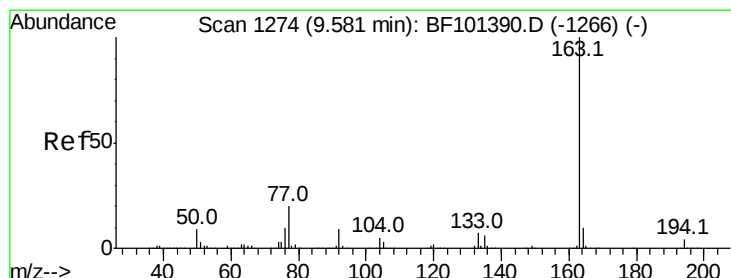
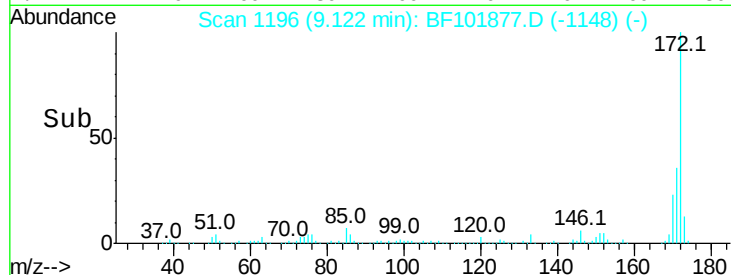
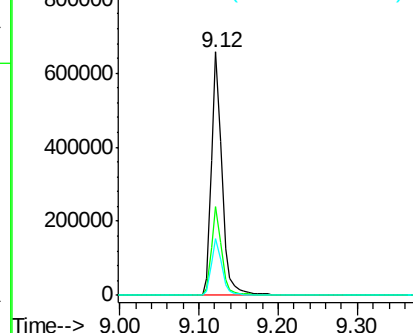
#44
2-Fluorobiphenyl
Concen: 58.647 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 619125
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.2 19.6 29.4

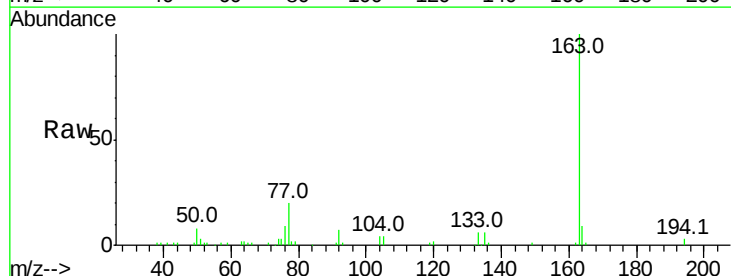


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

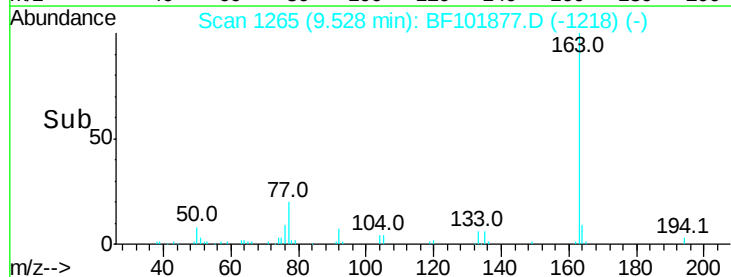
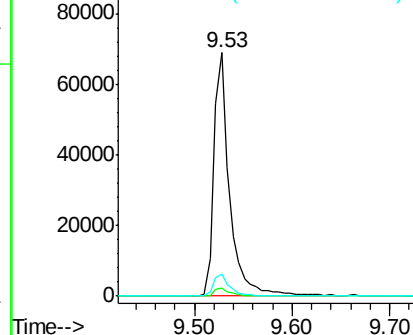


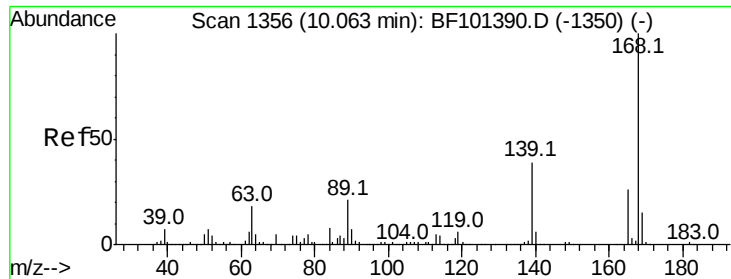
#49
Dimethylphthalate
Concen: 5.828 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Tgt Ion:163 Resp: 76770
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.2 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

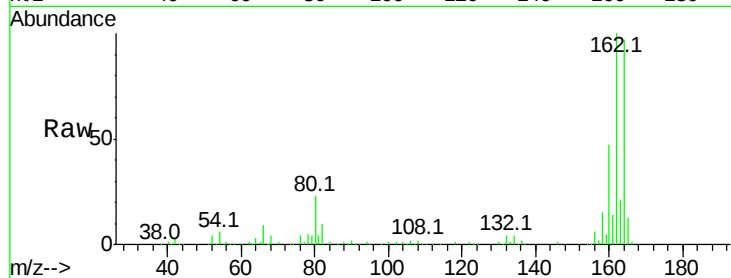




#56
2,4-Dinitrotoluene
Concen: 6.958 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

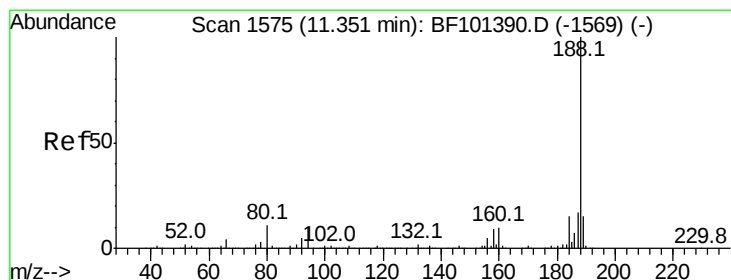
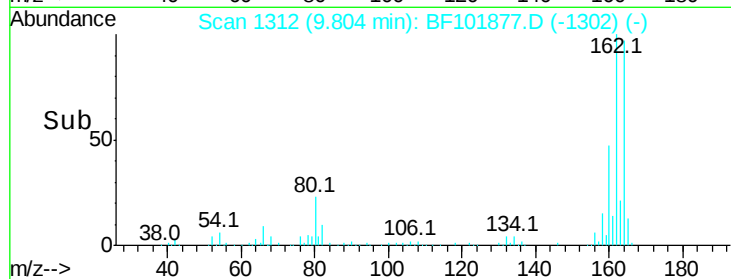
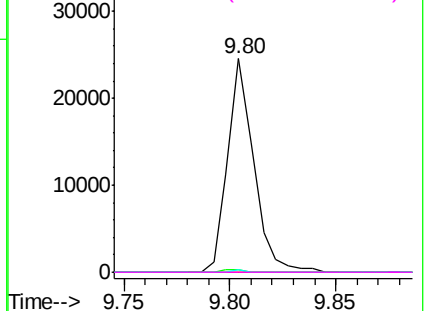


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

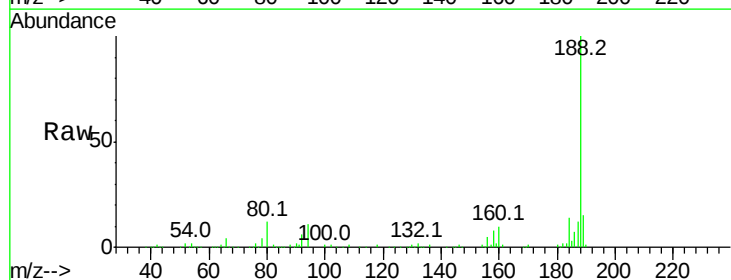
Ion 89.00 (88.70 to 89.70): BF1

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: BF101877.D
Acq: 3 Jan 2018 22:59

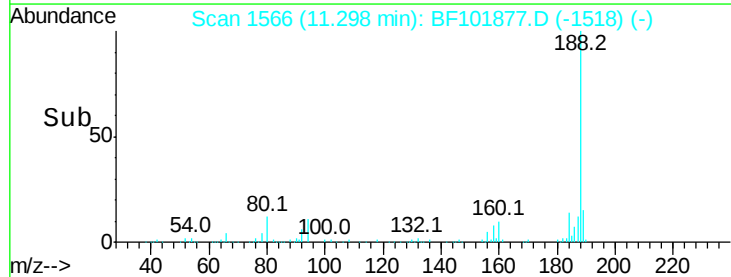
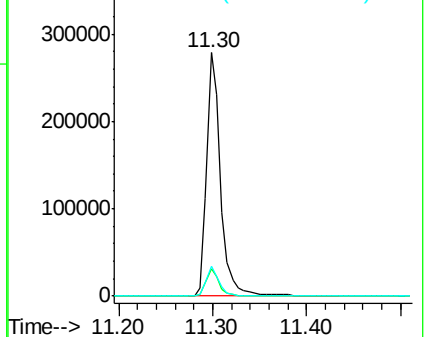
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	8.5	12.7
80	12.1	9.2	13.8

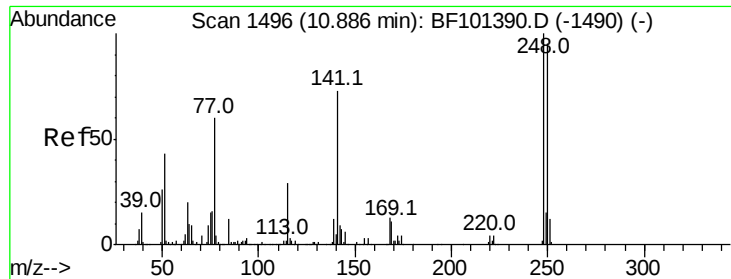


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

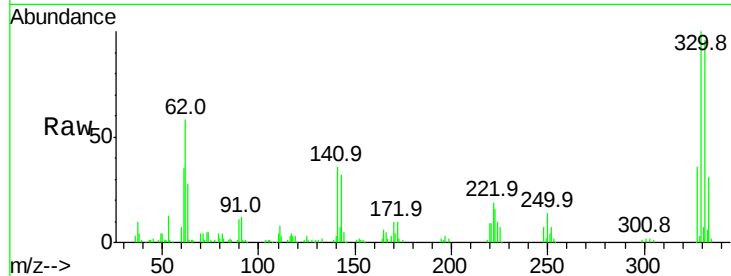




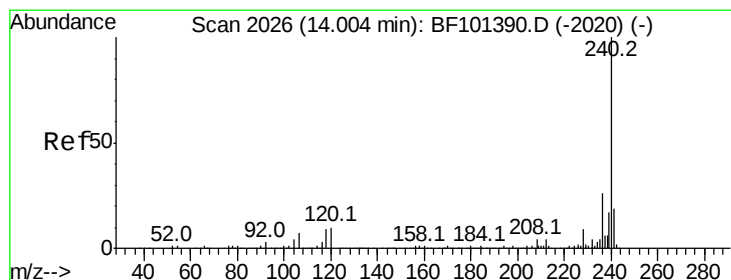
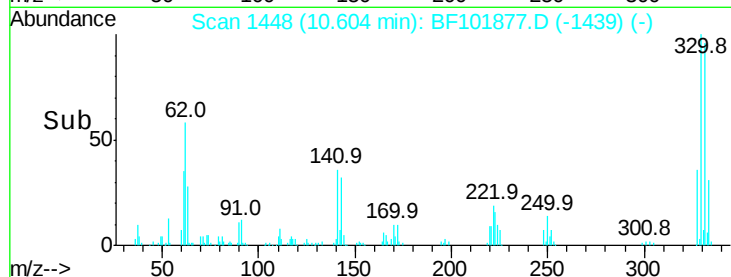
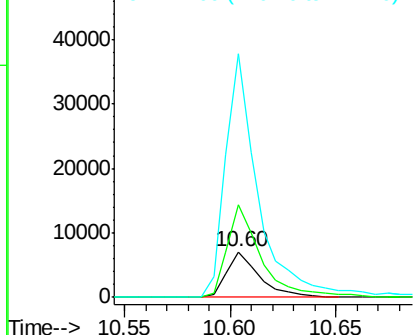
#66
4-Bromophenyl-phenylether
Concen: 2.327 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7581
Ion Ratio Lower Upper
248 100
250 205.0 76.9 115.3#
141 538.3 74.4 111.6#

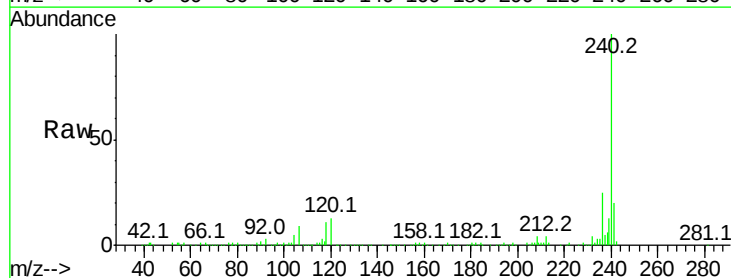


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

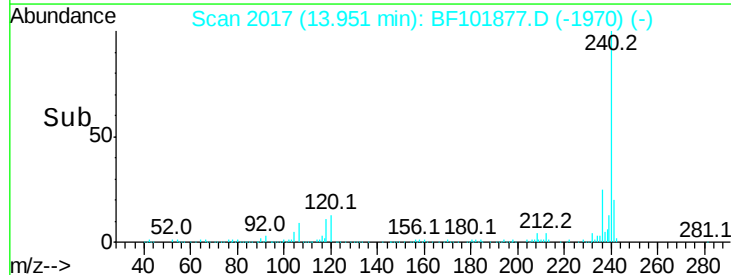
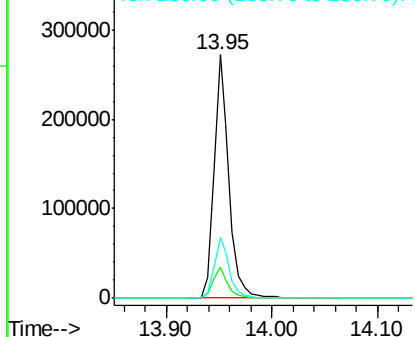


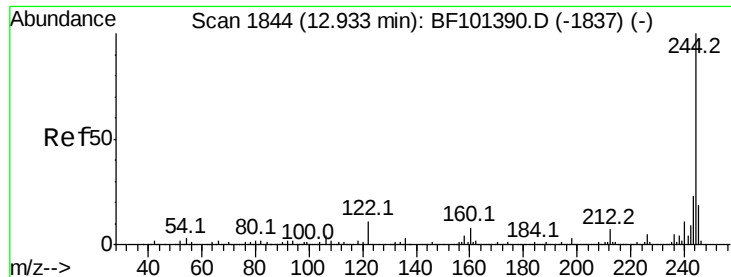
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF101877.D
Acq: 3 Jan 2018 22:59

Tgt Ion:240 Resp: 269451
Ion Ratio Lower Upper
240 100
120 13.0 9.5 14.3
236 25.0 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

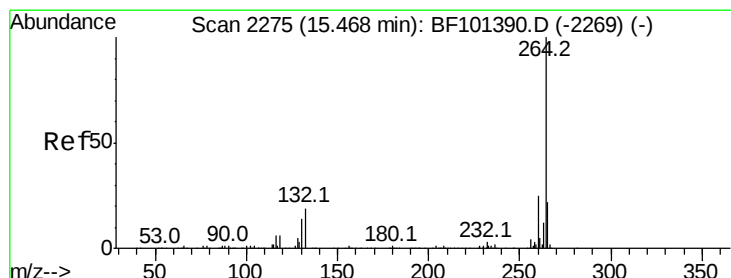
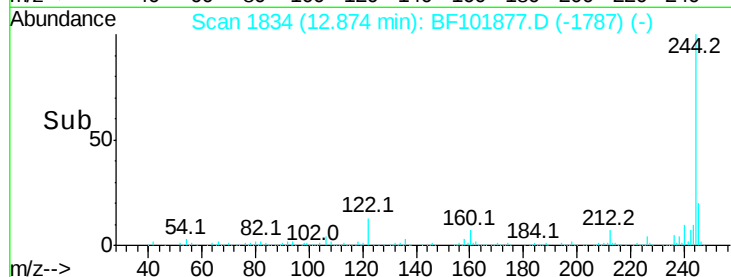
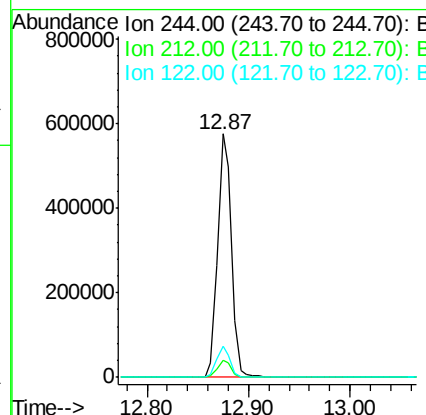
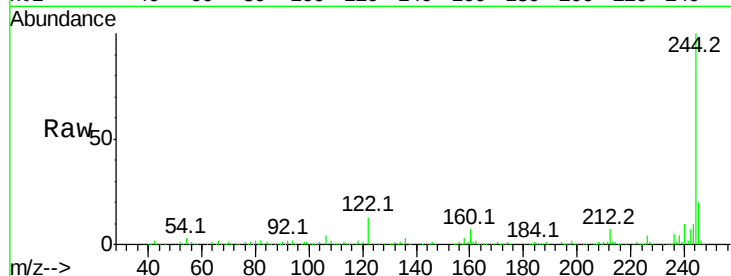




#78
 Terphenyl-d14
 Concen: 48.864 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.02 min
 Lab File: BF101877.D
 Acq: 3 Jan 2018 22:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 546147
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 12.7 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2266
 Delta R.T. -0.02 min
 Lab File: BF101877.D
 Acq: 3 Jan 2018 22:59

Tgt Ion:264 Resp: 201284
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.6 17.5 26.3

