

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104180.D
 Acq On : 3 Apr 2018 14:23
 Operator : JU/SJ
 Sample : J2114-11
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 03 15:24:19 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

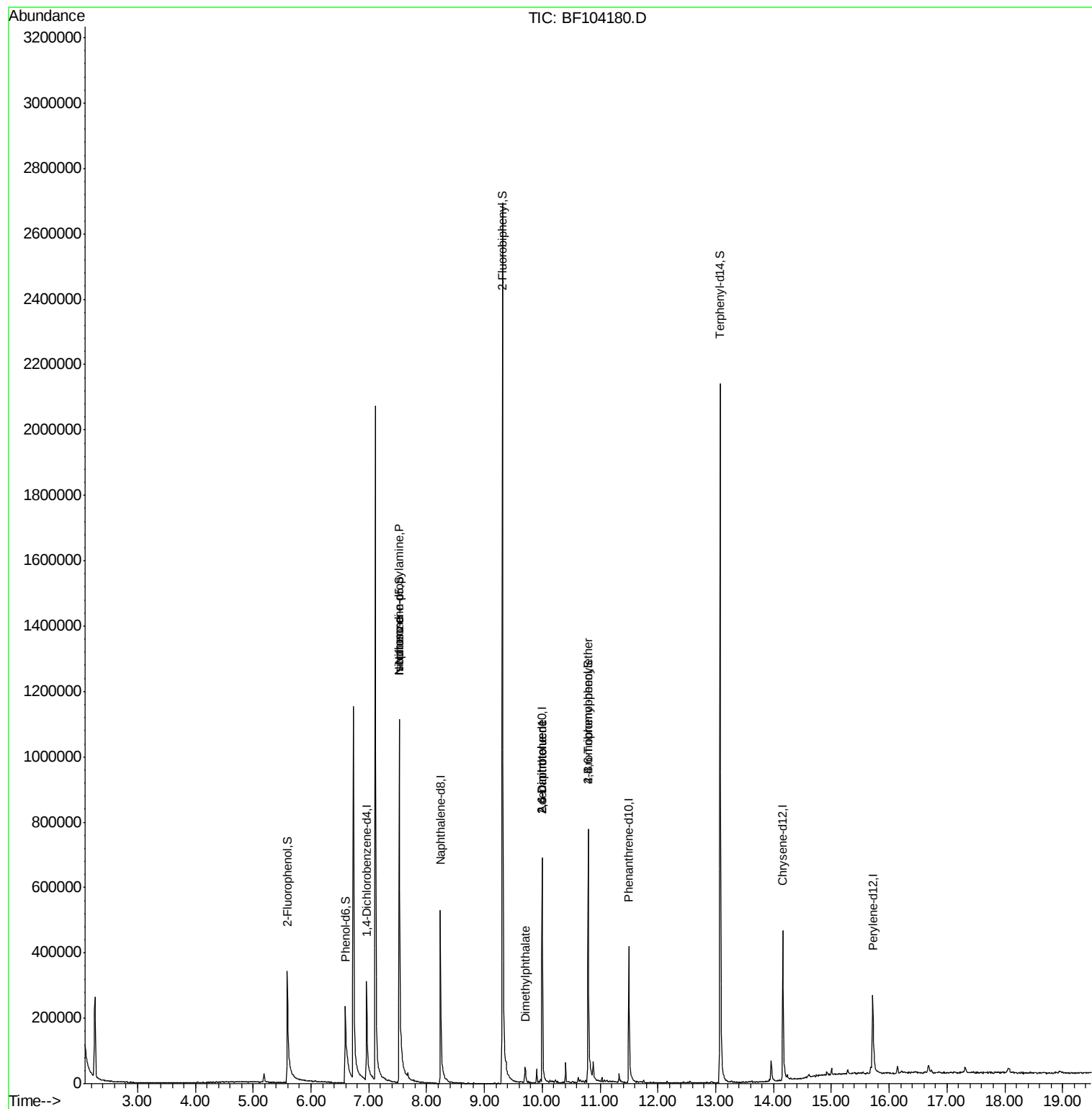
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	92317	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	381009	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	158896	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	236046	20.00	ng	0.00
75) Chrysene-d12	14.16	240	220751	20.00	ng	0.00
86) Perylene-d12	15.72	264	160979	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	227581	39.31	ng	0.00
7) Phenol-d6	6.59	99	232125	32.59	ng	0.00
23) Nitrobenzene-d5	7.53	82	614669	98.66	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	135765	76.73	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1124380	111.59	ng	0.00
78) Terphenyl-d14	13.08	244	861125	90.07	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	73030	17.279	ng	# 71
25) Isophorone	7.53	82	614669	53.535	ng	# 64
49) Dimethylphthalate	9.70	163	27450	2.188	ng	# 98
50) 2,6-Dinitrotoluene	10.00	165	19167	7.101	ng	# 25
56) 2,4-Dinitrotoluene	10.00	165	19282	5.599	ng	# 22
66) 4-Bromophenyl-phenylether	10.79	248	7677	3.040	ng	# 1

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

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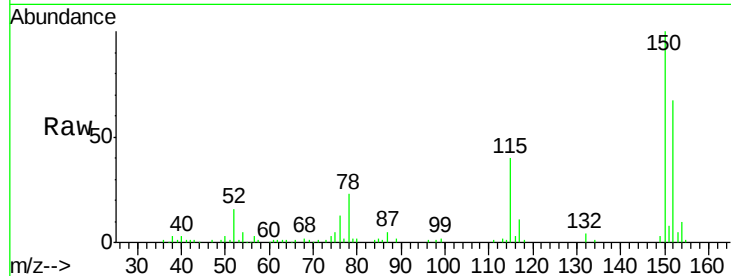


#1

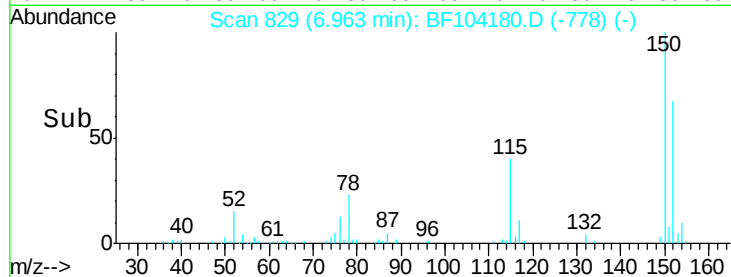
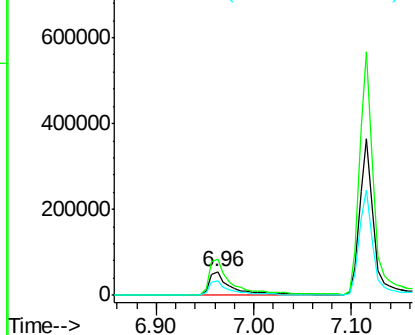
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.96 min Scan# 829
 Delta R.T. -0.00 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 92317
 Ion Ratio Lower Upper
 152 100
 150 149.3 124.6 186.8
 115 60.4 50.1 75.1



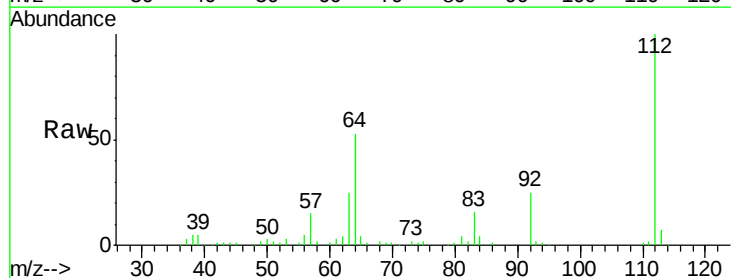
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



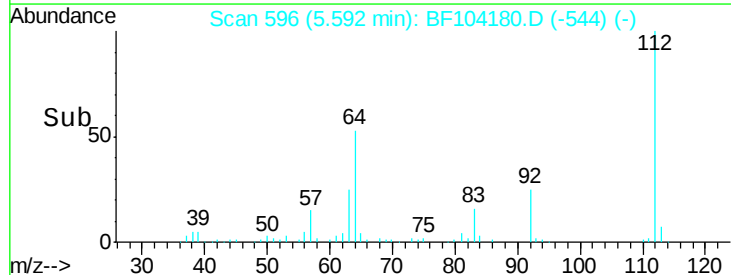
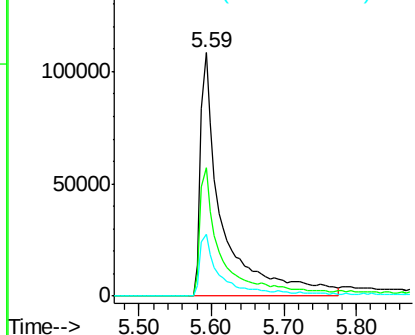
#5

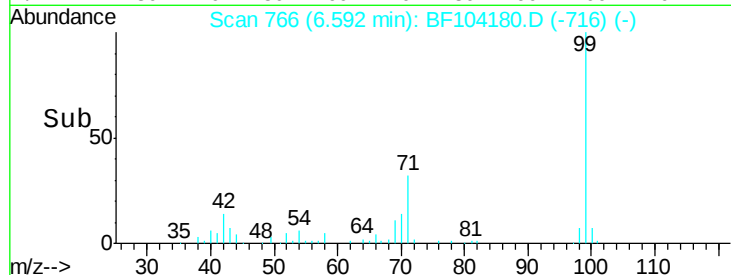
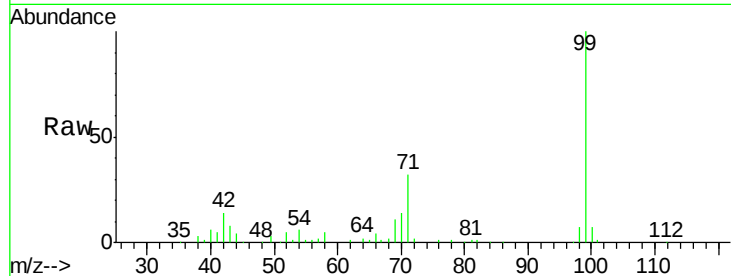
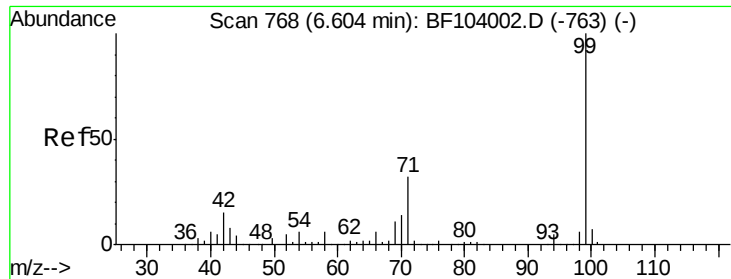
2-Fluorophenol
 Concen: 39.314 ng
 RT: 5.59 min Scan# 596
 Delta R.T. 0.01 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Tgt Ion:112 Resp: 227581
 Ion Ratio Lower Upper
 112 100
 64 52.6 47.9 71.9
 63 25.4 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: 32.593 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.01 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

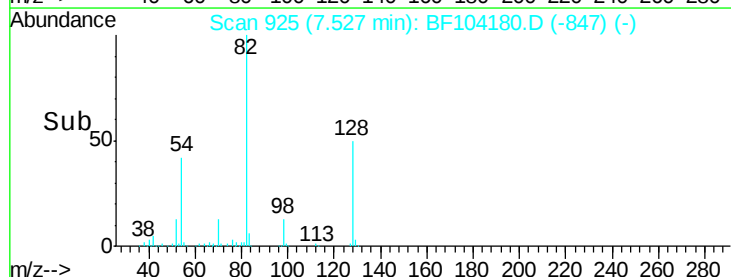
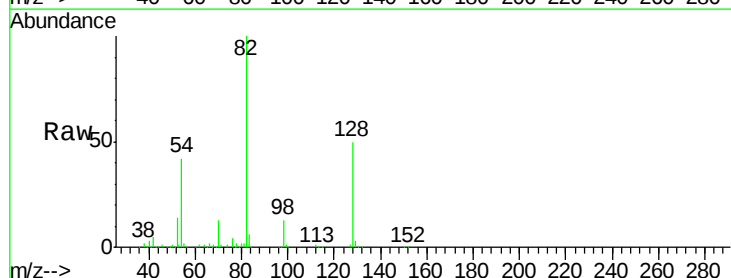
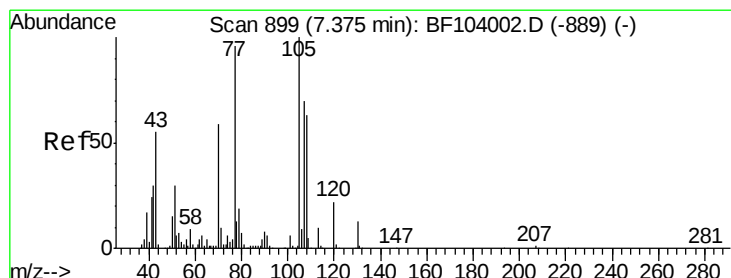
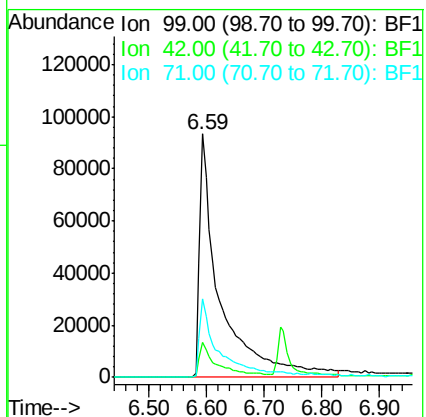
Tot Ion: 99 Resp: 232125

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7#

71 32.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 17.279 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.16 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Tgt Ion: 70 Resp: 73030

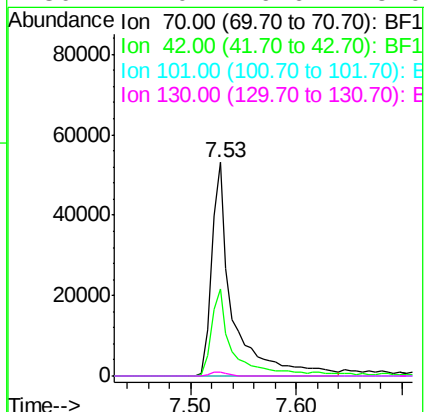
Ion Ratio Lower Upper

70 100

42 40.6 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

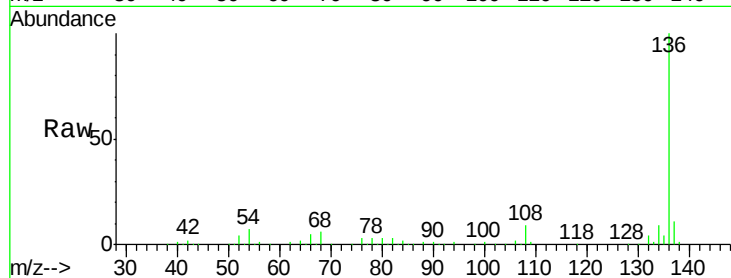




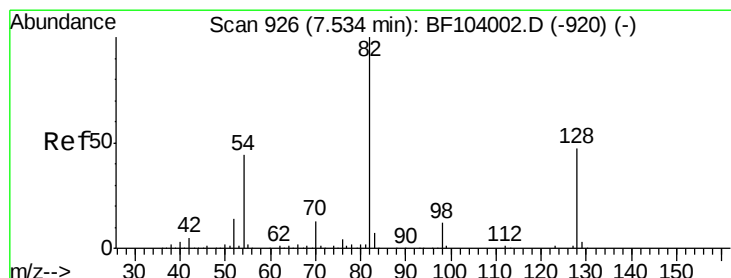
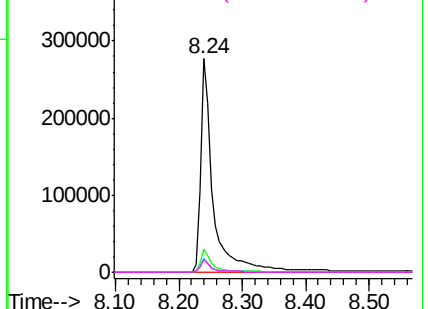
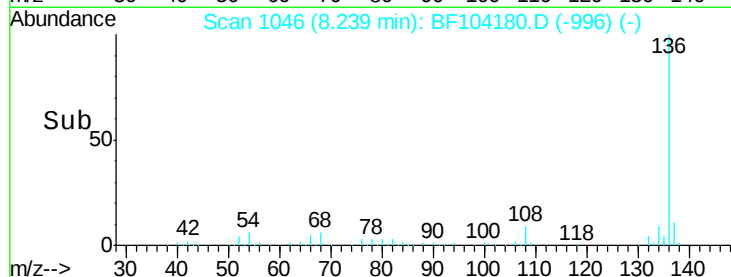
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	381009
Ion Ratio	Lower	Upper
136	100	
137	10.7	8.9 13.3
54	6.5	6.6 9.8#
68	5.9	5.0 7.4

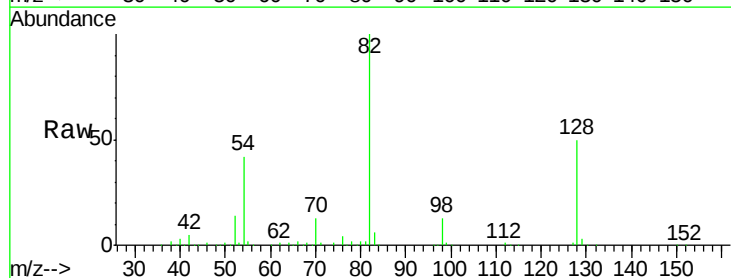


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

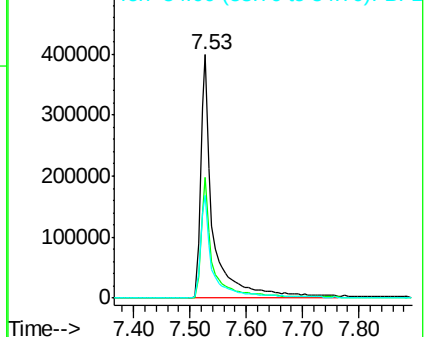
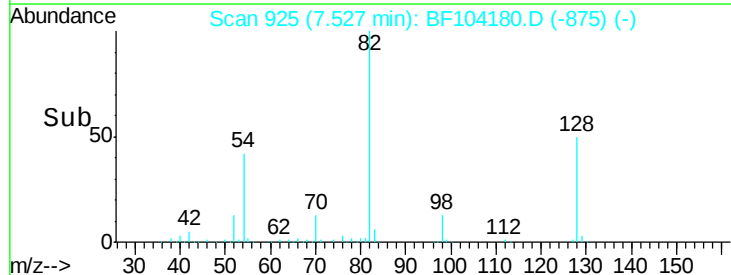


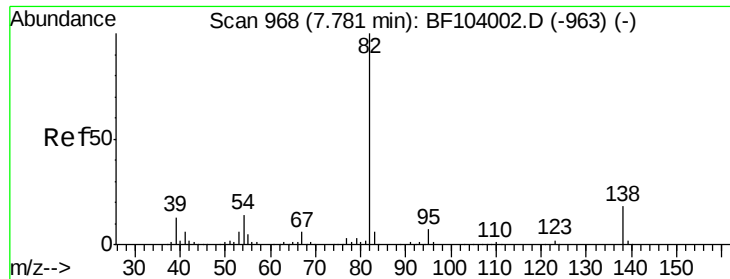
#23
Nitrobenzene-d5
Concen: 98.660 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Tgt Ion: 82	Resp:	614669
Ion Ratio	Lower	Upper
82	100	
128	49.6	36.1 54.1
54	42.5	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

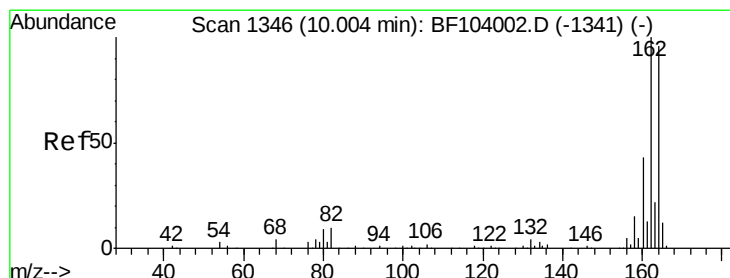
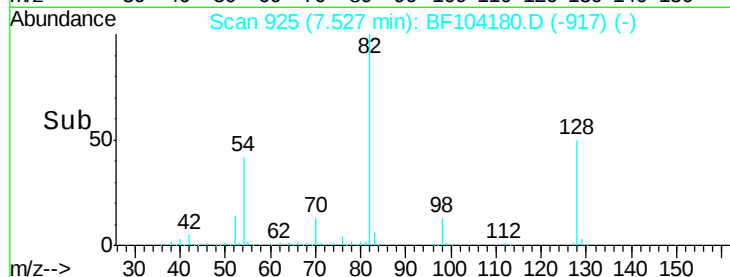
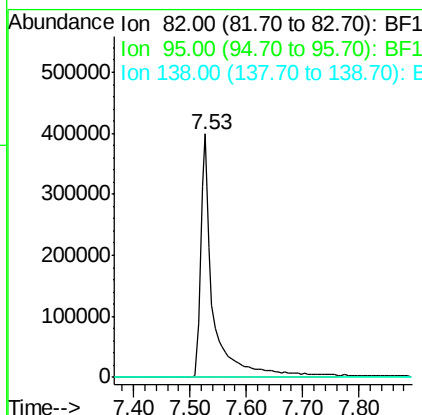
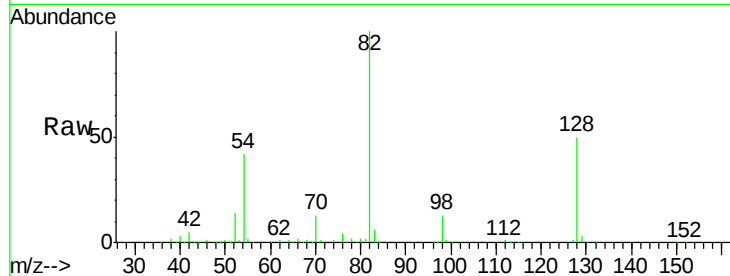




#25
Isophorone
Concen: 53.535 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.25 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

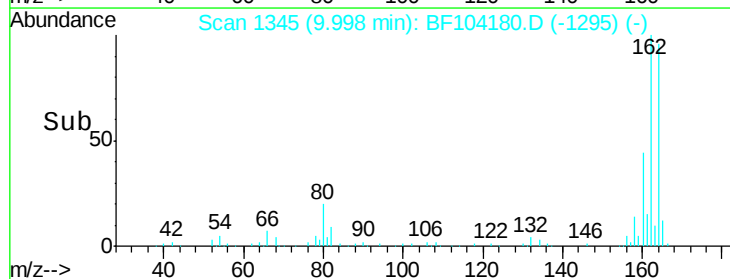
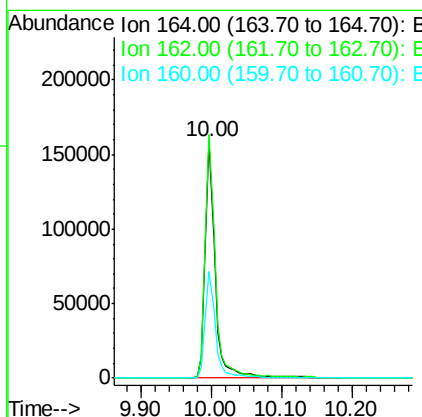
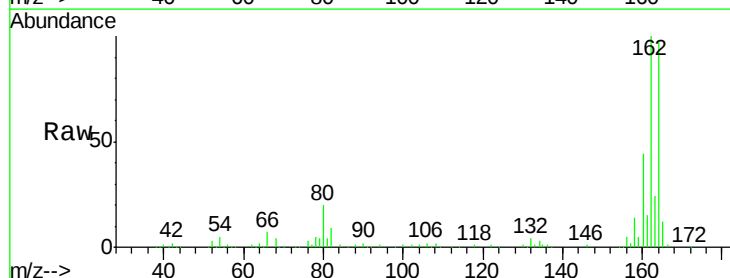
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 614669
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: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Tgt Ion:164 Resp: 158896
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.9 38.3 57.5

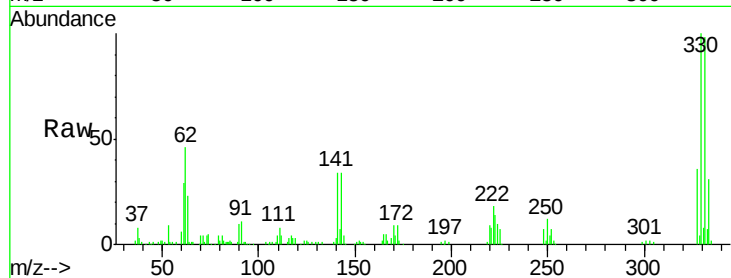




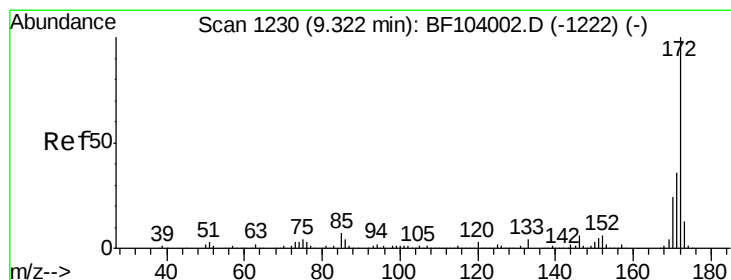
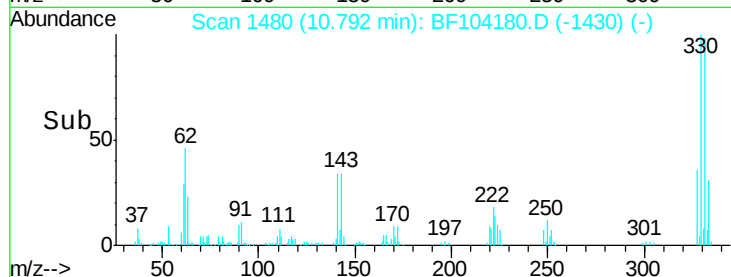
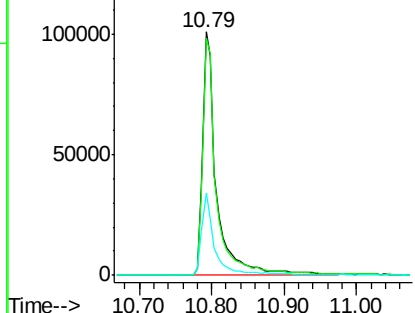
#41
 2,4,6-Tribromophenol
 Concen: 76.733 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.01 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 135765
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 31.8 29.9 44.9

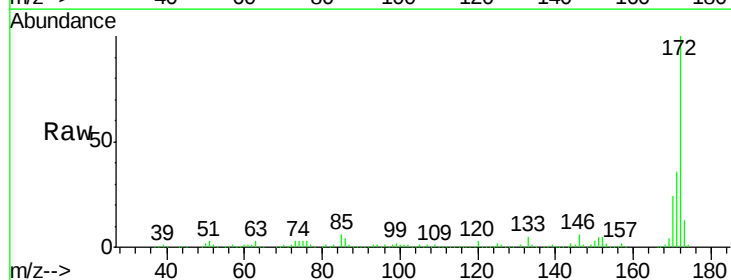


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

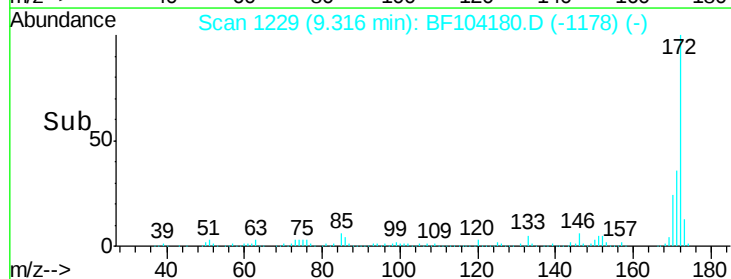
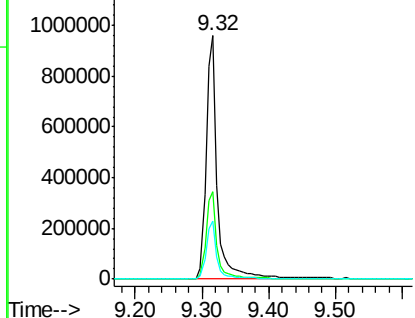


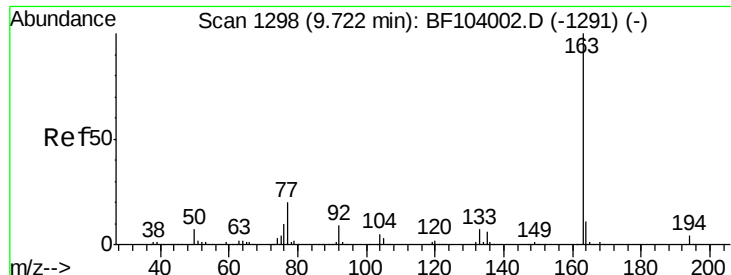
#44
 2-Fluorobiphenyl
 Concen: 111.586 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104180.D
 Acq: 3 Apr 2018 14:23

Tgt Ion:172 Resp: 1124380
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.8 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

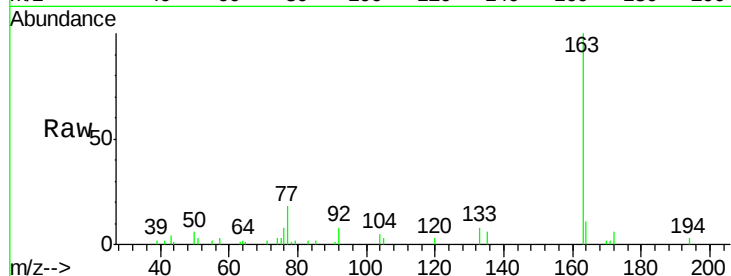




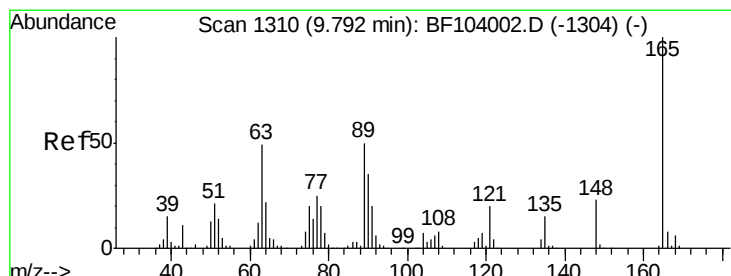
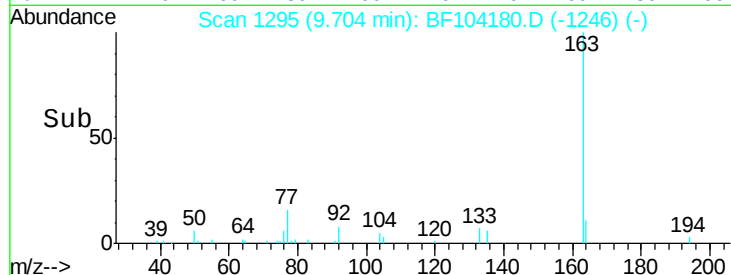
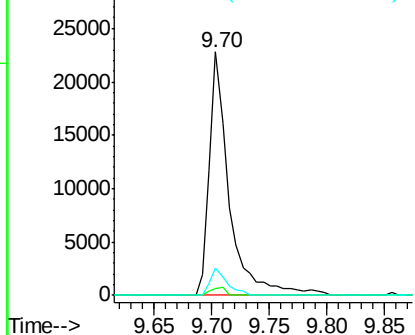
#49
Dimethylphthalate
Concen: 2.188 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 27450
Ion Ratio Lower Upper
163 100
194 3.0 2.7 4.1
164 11.2 8.2 12.2

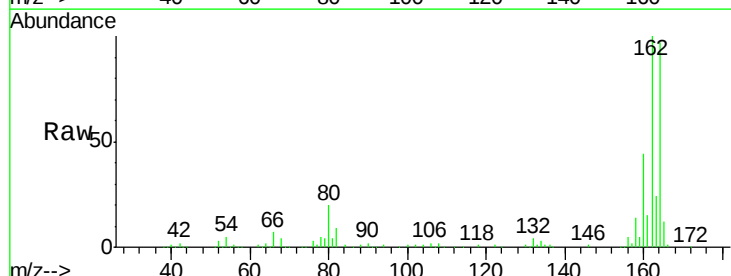


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

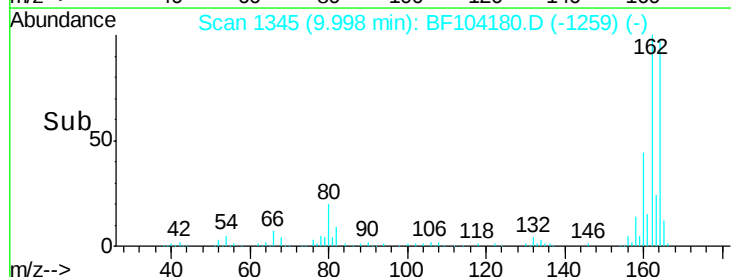
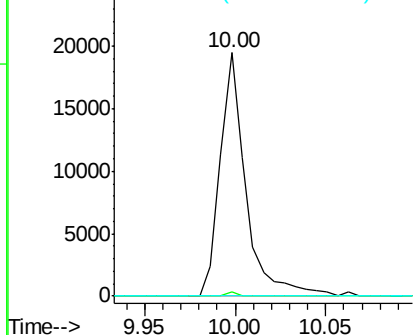


#50
2,6-Dinitrotoluene
Concen: 7.101 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.21 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Tgt Ion:165 Resp: 19167
Ion Ratio Lower Upper
165 100
63 1.6 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: 5.599 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.20 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 19282

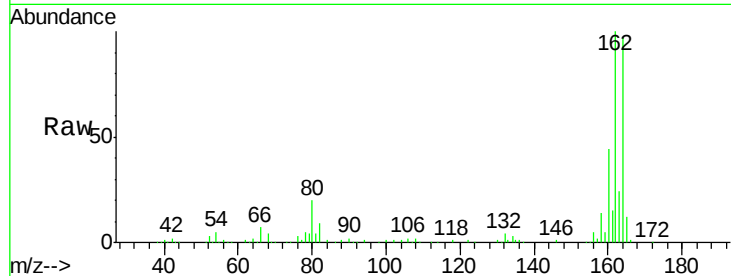
Ion Ratio Lower Upper

165 100

63 1.6 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

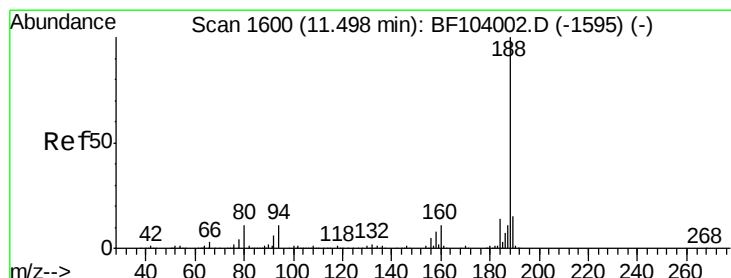
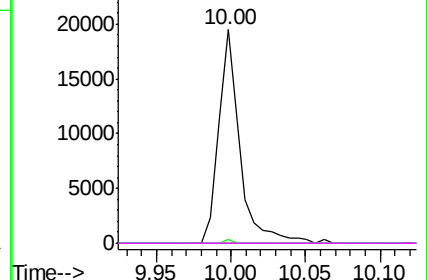
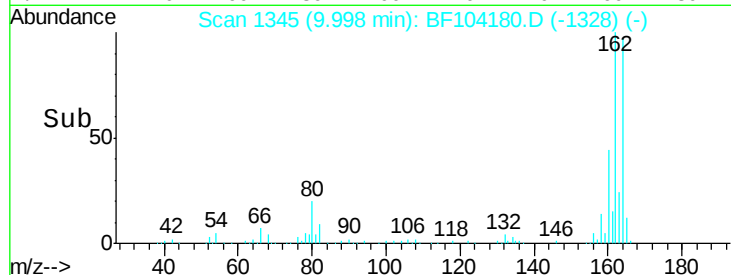


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

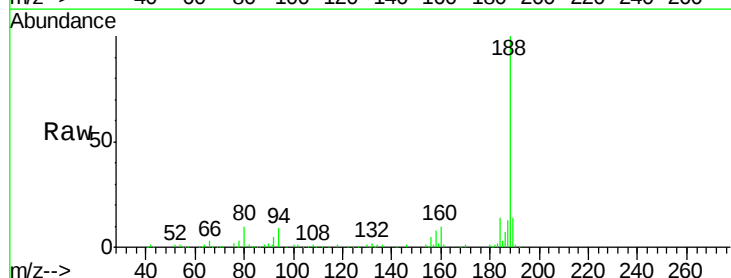
Tgt Ion:188 Resp: 236046

Ion Ratio Lower Upper

188 100

94 9.5 8.5 12.7

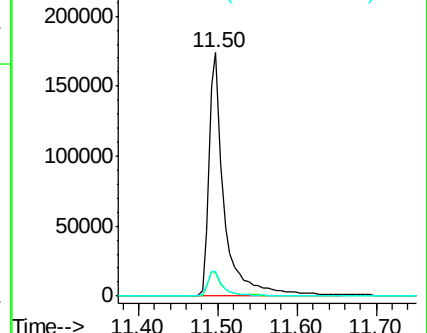
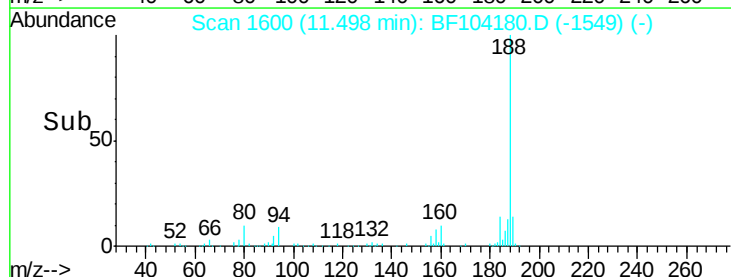
80 10.1 9.2 13.8

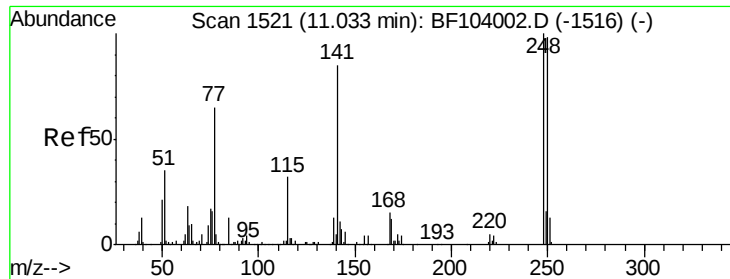


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

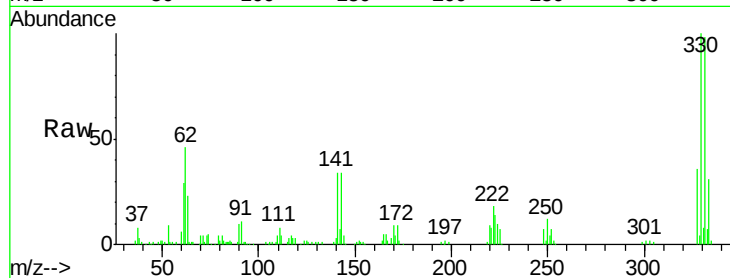




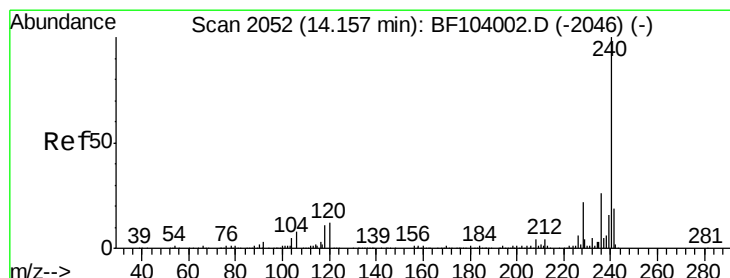
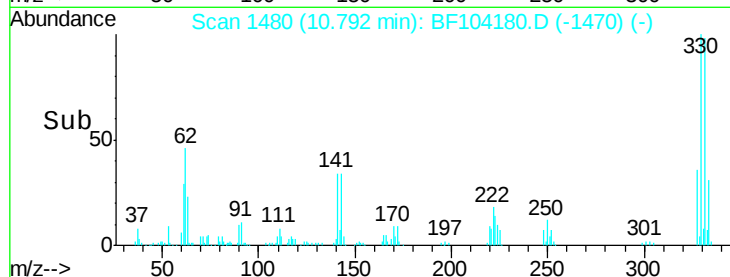
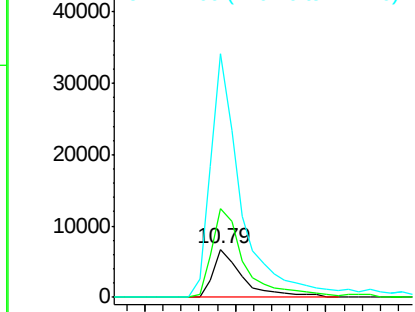
#66
4-Bromophenyl-phenylether
Concen: 3.040 ng
RT: 10.79 min Scan# 1480
Delta R.T. -0.24 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 7677
Ion Ratio Lower Upper
248 100
250 184.1 76.9 115.3#
141 505.6 74.4 111.6#

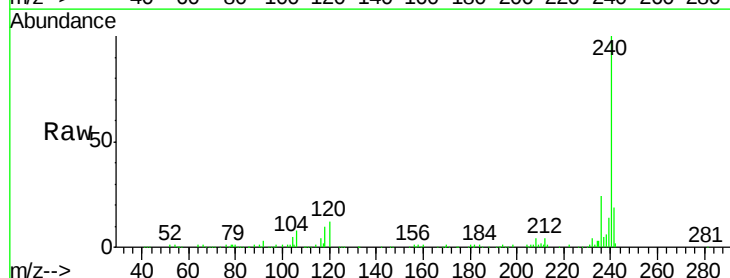


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

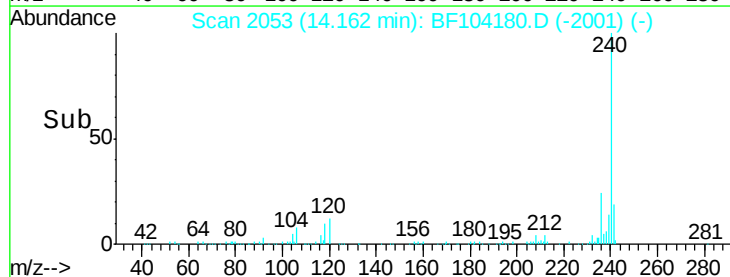
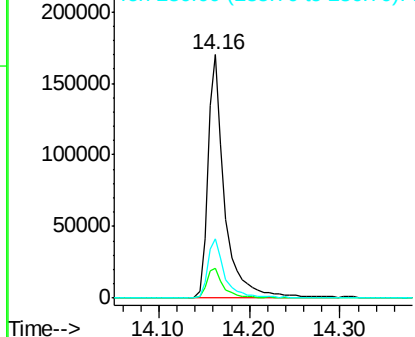


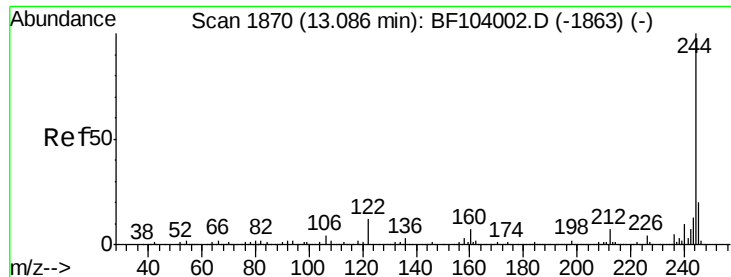
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF104180.D
Acq: 3 Apr 2018 14:23

Tgt Ion:240 Resp: 220751
Ion Ratio Lower Upper
240 100
120 12.2 9.5 14.3
236 24.3 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: 90.070 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.00 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

Instrument :

BNA_F

ClientSampleId :

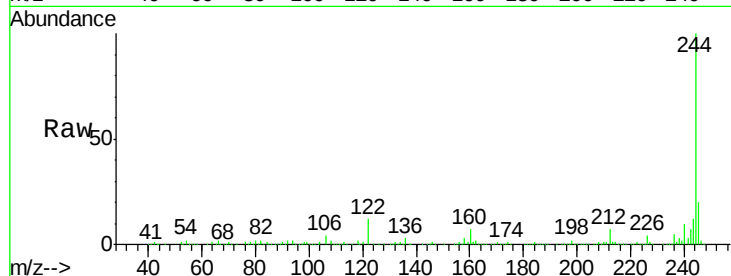
Tot Ion:244 Resp: 861125

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

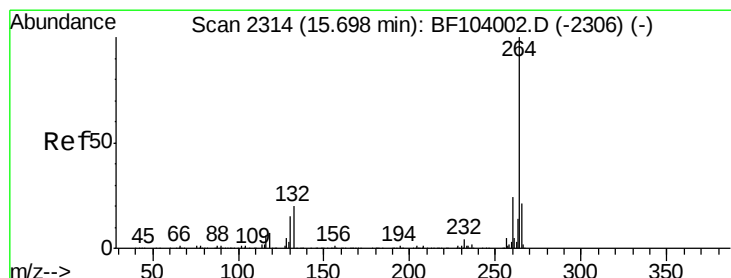
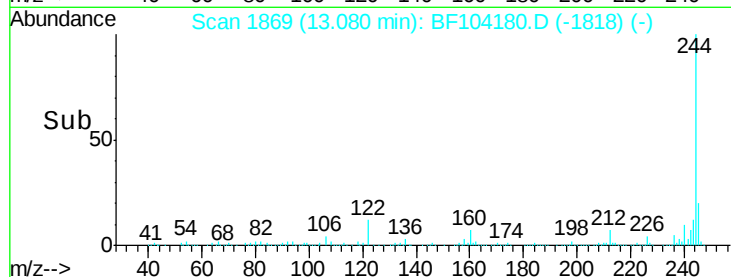
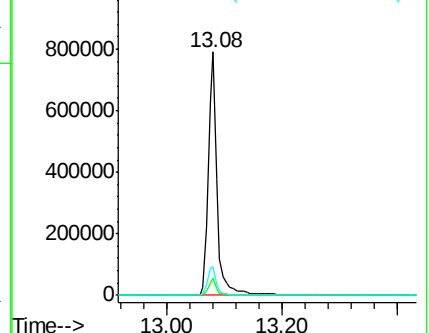
122 11.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2317

Delta R.T. 0.02 min

Lab File: BF104180.D

Acq: 3 Apr 2018 14:23

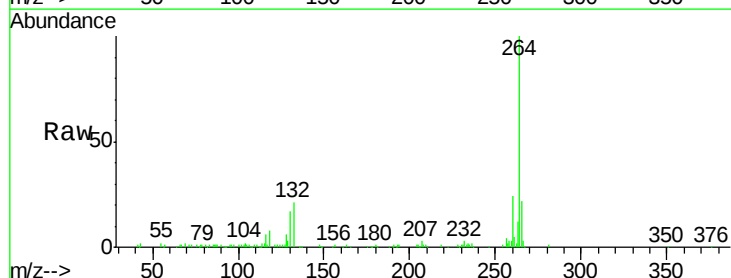
Tgt Ion:264 Resp: 160979

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.9 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

