

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
 Data File : BF102077.D
 Acq On : 15 Jan 2018 21:47
 Operator : SJ/JU
 Sample : PB105648BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 15 23:47:02 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

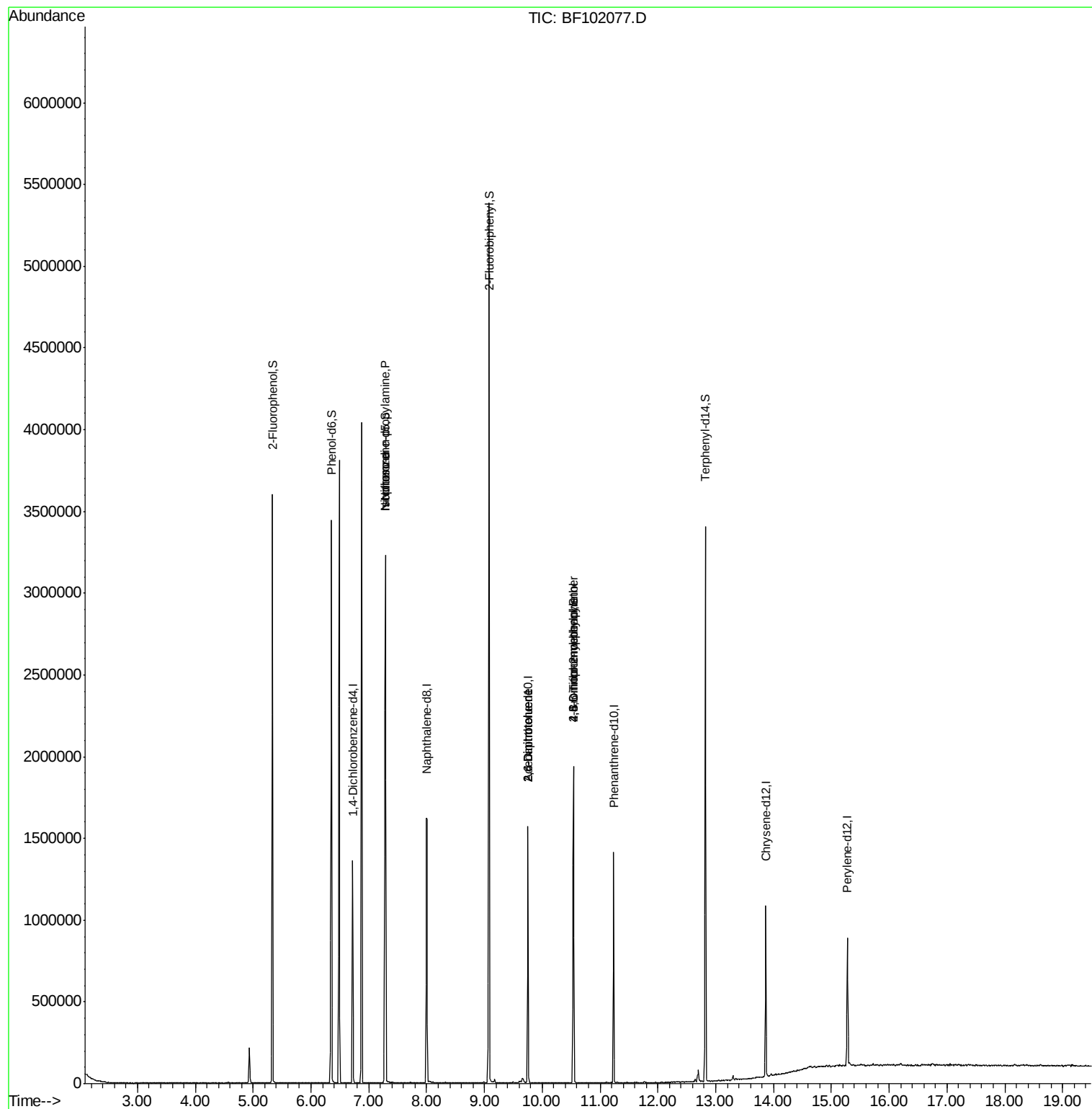
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	198455	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	781074	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	313829	20.00	ng	-0.01
63) Phenanthrene-d10	11.23	188	438175	20.00	ng	-0.01
75) Chrysene-d12	13.86	240	345291	20.00	ng	-0.02
86) Perylene-d12	15.28	264	320646	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1084971	77.20	ng	0.00
7) Phenol-d6	6.36	99	1257709	75.01	ng	0.00
23) Nitrobenzene-d5	7.29	82	1150665	86.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	204533	74.68	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	1801250	89.67	ng	-0.01
78) Terphenyl-d14	12.82	244	1110754	66.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	151746	13.809	ng	# 82
25) Isophorone	7.29	82	1146079	43.638	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	39158	7.787	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	39158	6.213	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.54	198	478	5.839	ng	# 1
66) 4-Bromophenyl-phenylether	10.54	248	13915	3.007	ng	# 1

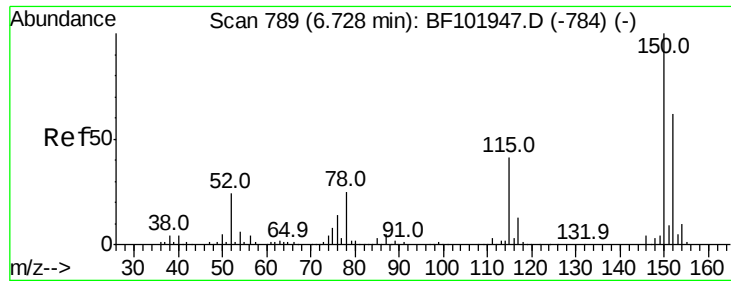
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011518\
Data File : BF102077.D
Acq On : 15 Jan 2018 21:47
Operator : SJ/JU
Sample : PB105648BL
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 15 23:47:02 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



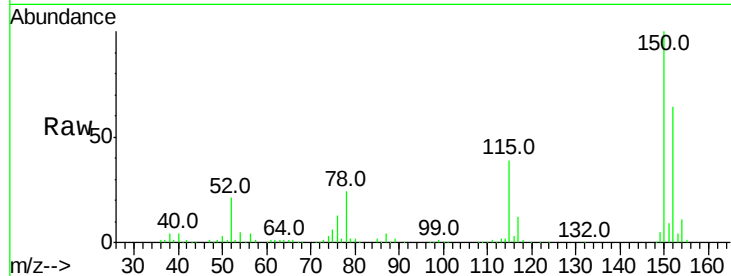


#1

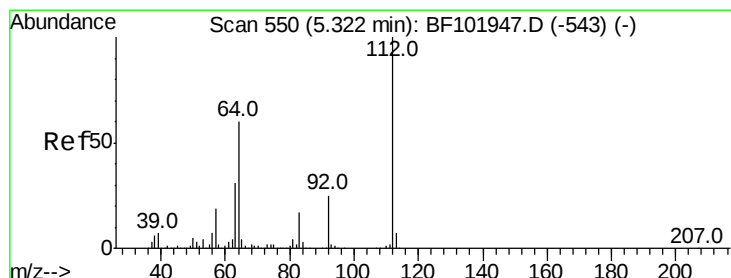
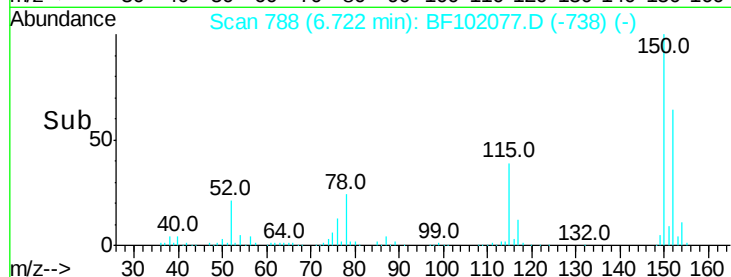
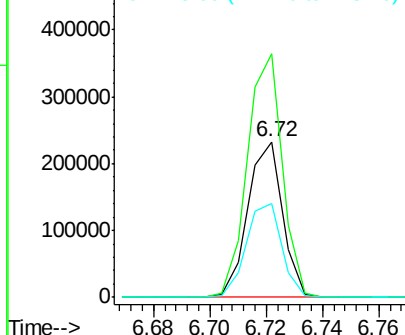
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF102077.D
 Acq: 15 Jan 2018 21:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 198455
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.6 186.8
 115 60.4 50.1 75.1



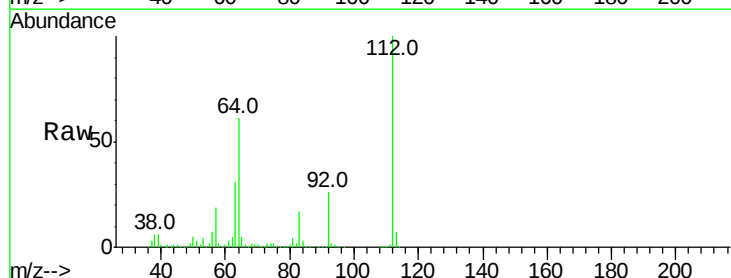
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



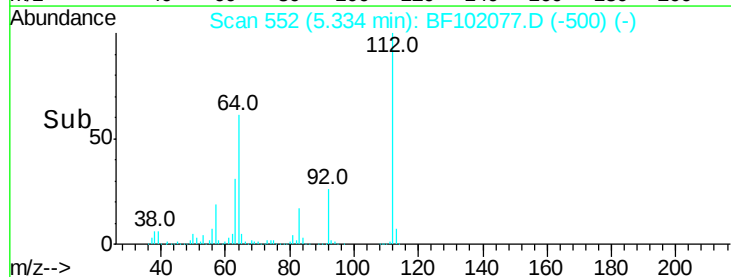
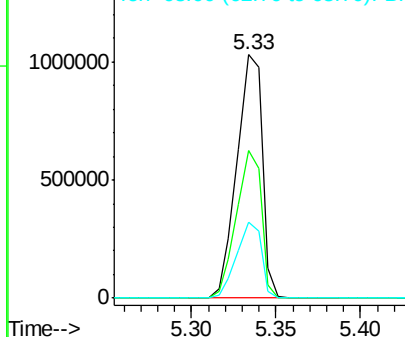
#5

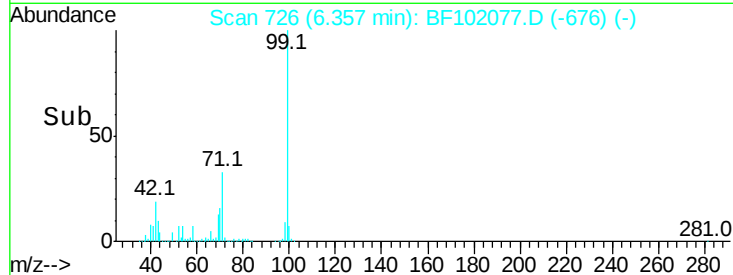
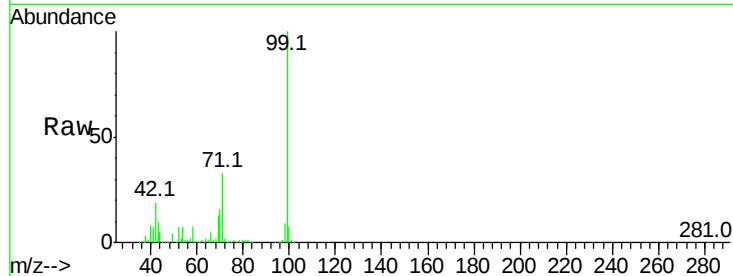
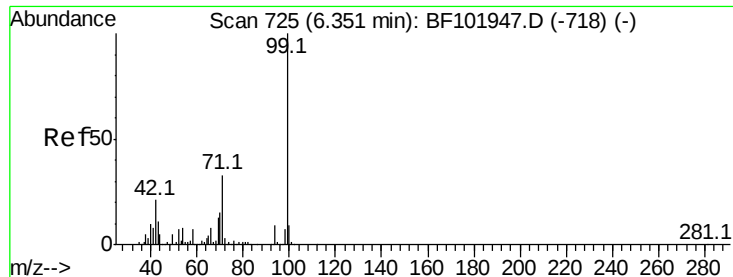
2-Fluorophenol
 Concen: 77.200 ng
 RT: 5.33 min Scan# 552
 Delta R.T. 0.01 min
 Lab File: BF102077.D
 Acq: 15 Jan 2018 21:47

Tgt Ion:112 Resp: 1084971
 Ion Ratio Lower Upper
 112 100
 64 60.5 47.9 71.9
 63 31.3 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: 75.007 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Instrument :

BNA_F

ClientSampleId :

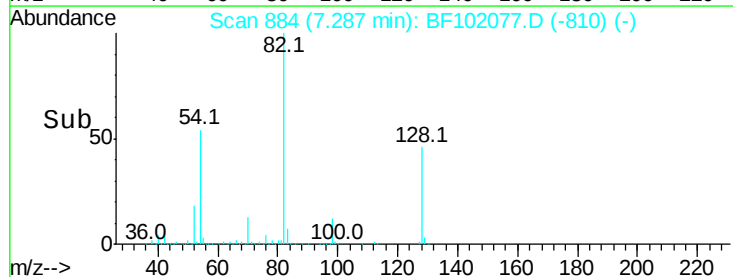
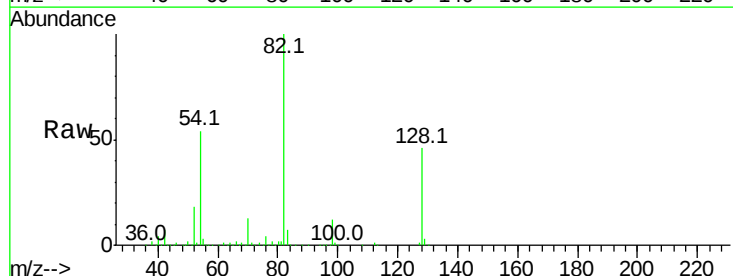
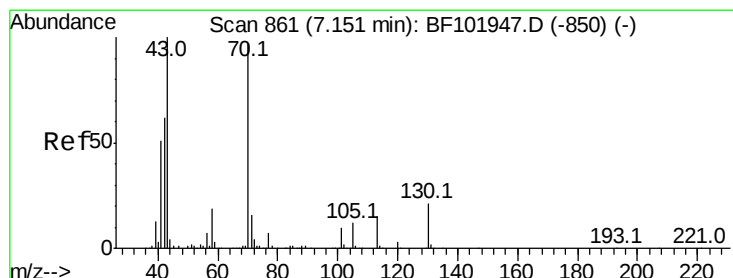
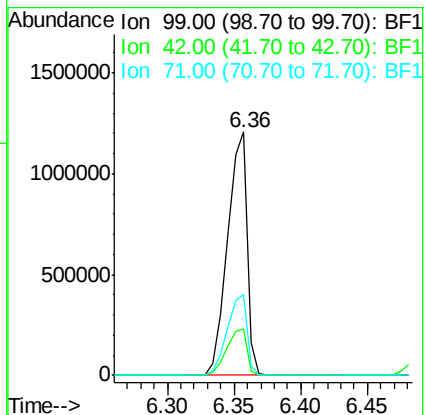
Tot Ion: 99 Resp: 1257709

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 33.4 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.809 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.14 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Tgt Ion: 70 Resp: 151746

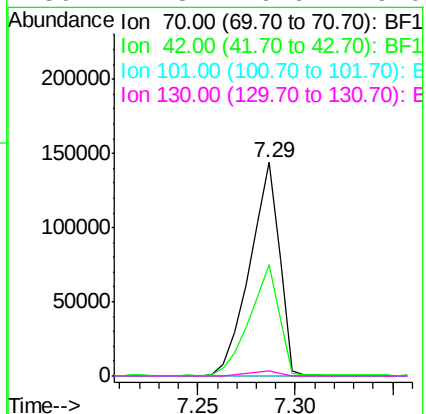
Ion Ratio Lower Upper

70 100

42 52.4 47.5 71.3

101 0.0 7.4 11.2#

130 2.3 16.6 25.0#

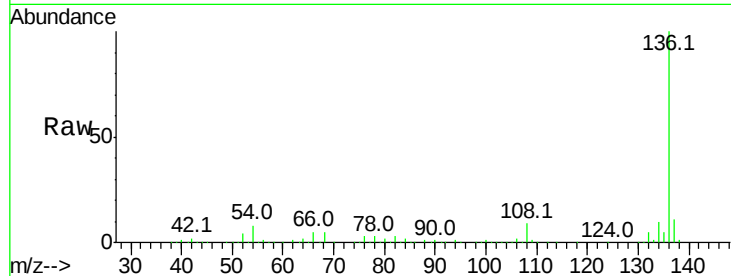




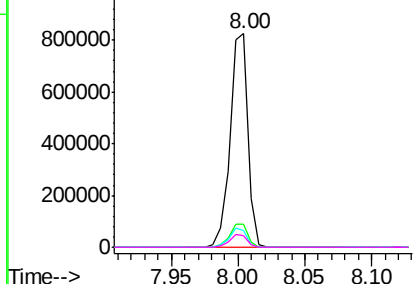
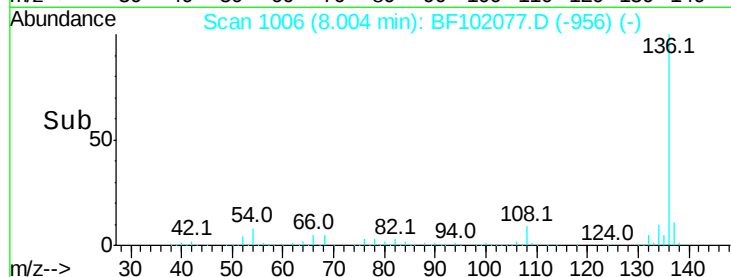
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	781074
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.6	9.8
68	5.4	5.0	7.4

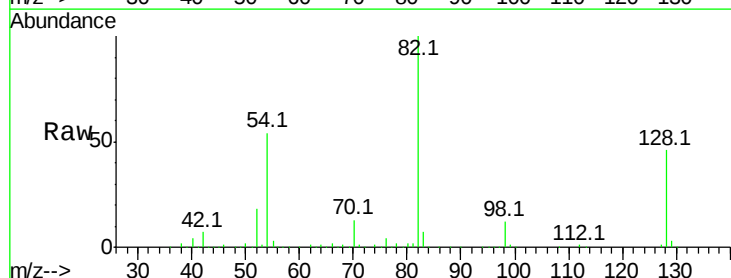


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

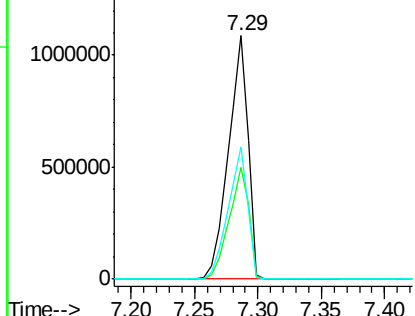
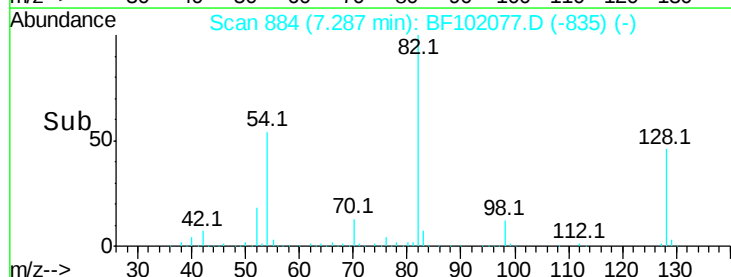


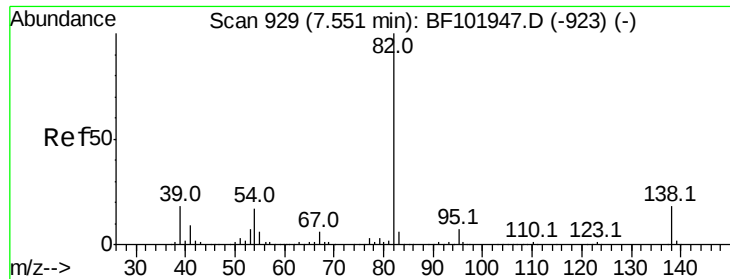
#23
Nitrobenzene-d5
Concen: 86.570 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

Tgt Ion:	82	Resp:	1150665
Ion	Ratio	Lower	Upper
82	100		
128	45.8	36.1	54.1
54	54.4	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

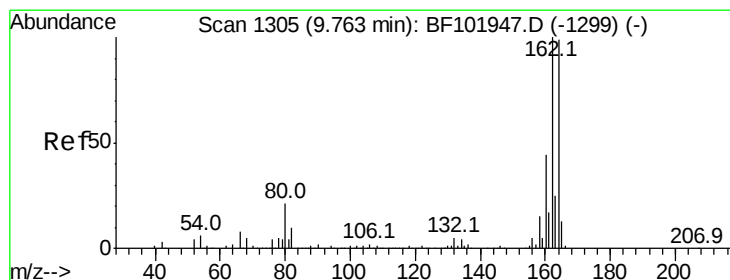
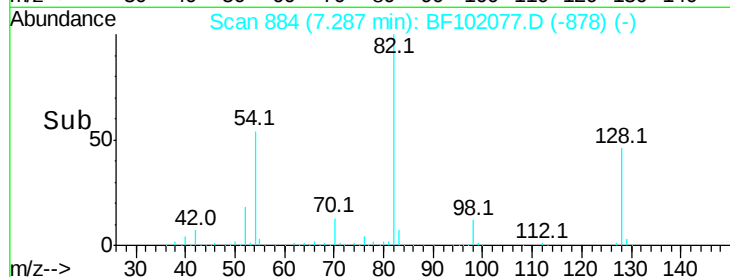
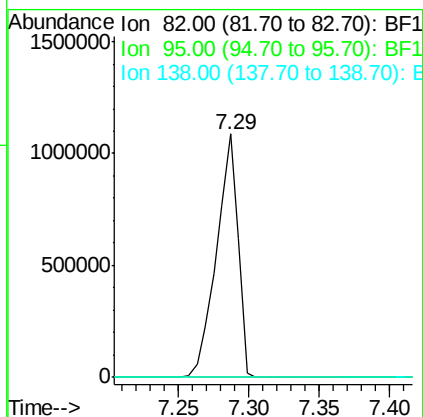
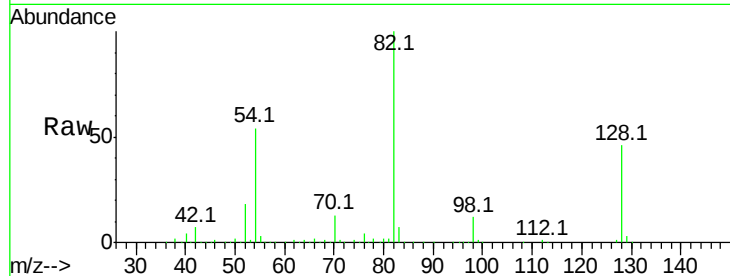




#25
Isophorone
Concen: 43.638 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

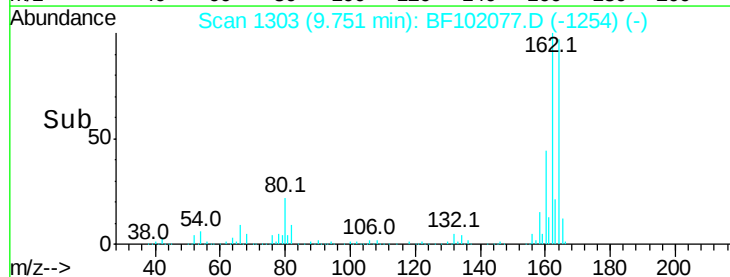
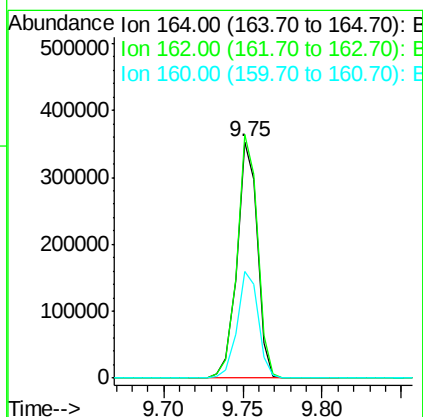
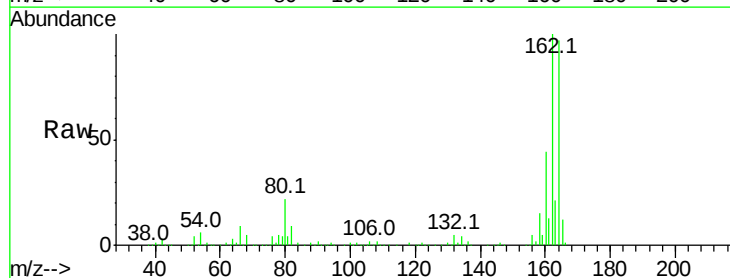
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1146079
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: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

Tgt Ion:164 Resp: 313829
Ion Ratio Lower Upper
164 100
162 103.0 86.1 129.1
160 44.8 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 74.681 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Instrument :

BNA_F

ClientSampleId :

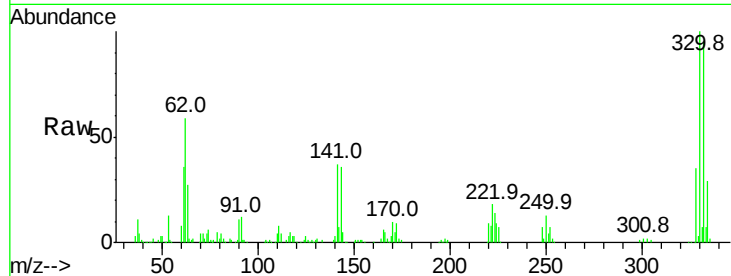
Tot Ion:330 Resp: 204533

Ion Ratio Lower Upper

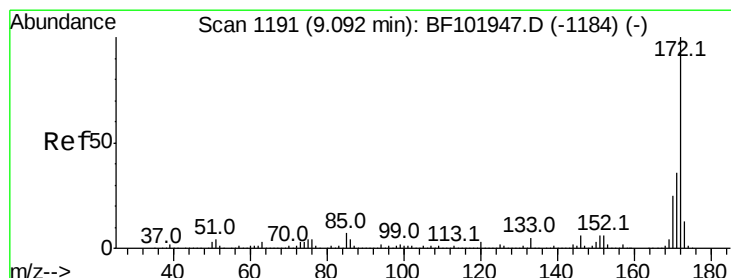
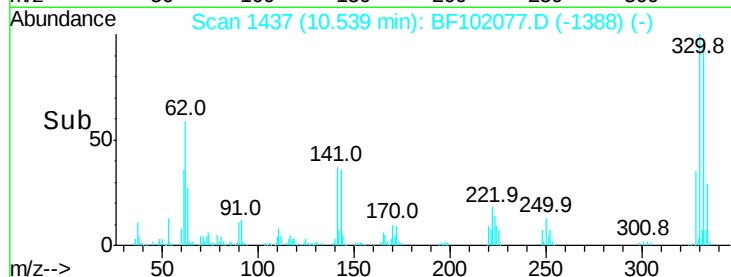
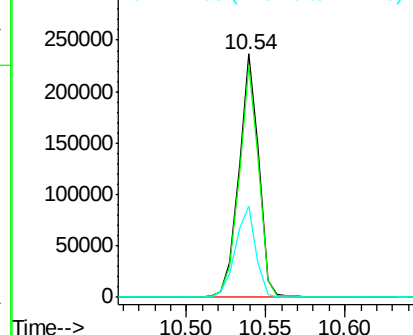
330 100

332 94.5 77.0 115.6

141 38.6 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: 89.668 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

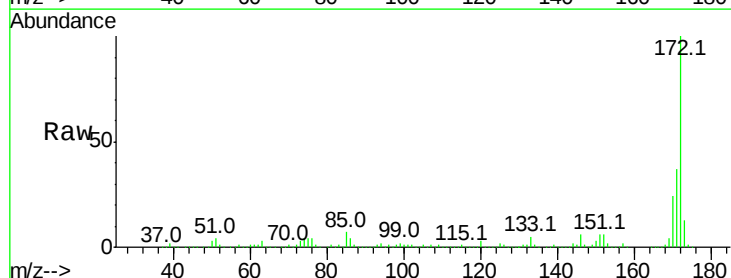
Tgt Ion:172 Resp: 1801250

Ion Ratio Lower Upper

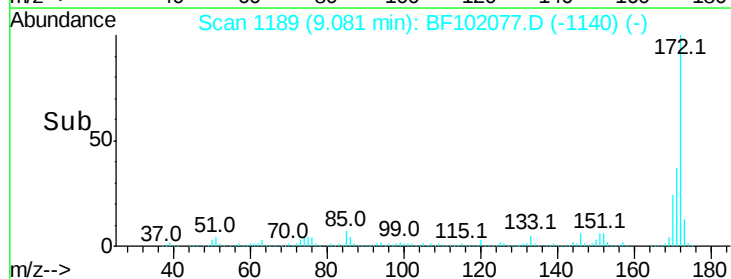
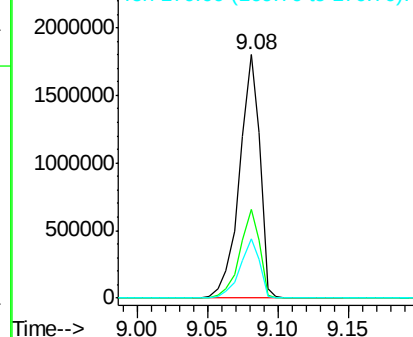
172 100

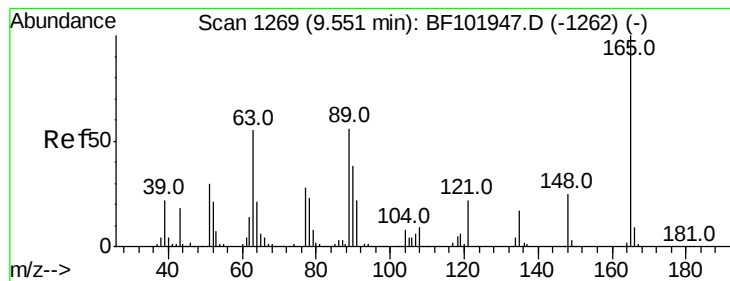
171 36.5 29.7 44.5

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: 7.787 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.20 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Instrument :

BNA_F

ClientSampleId :

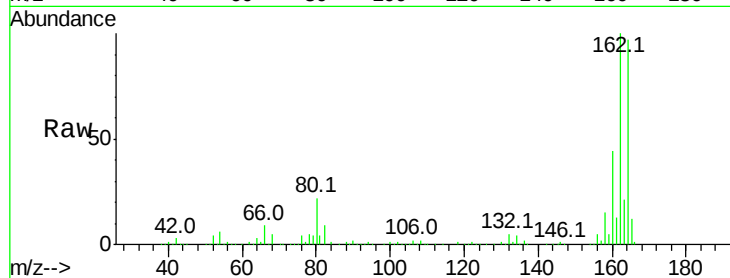
Tot Ion:165 Resp: 39158

Ion Ratio Lower Upper

165 100

63 1.7 44.7 67.1#

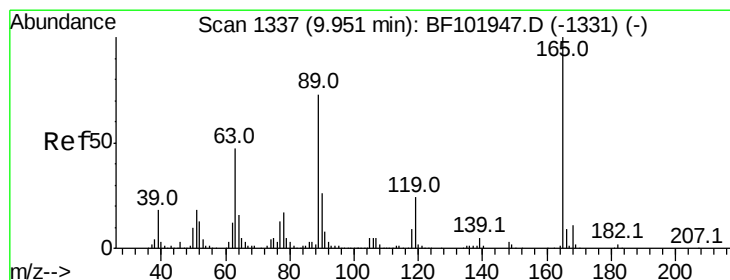
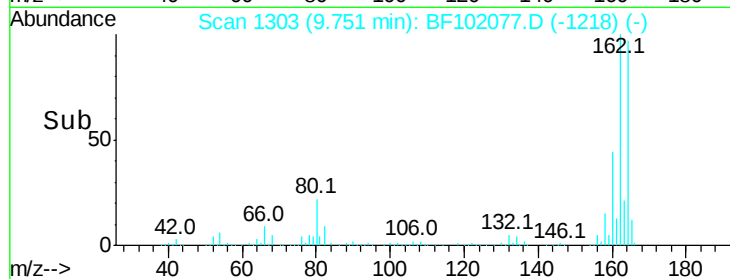
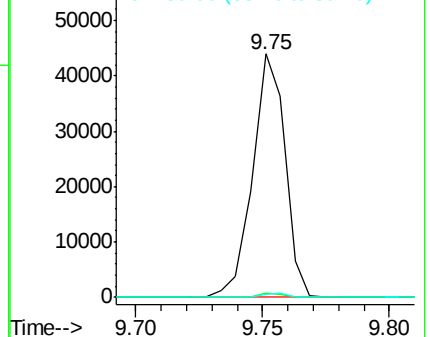
89 1.2 44.0 66.0#



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: 6.213 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.20 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Tgt Ion:165 Resp: 39158

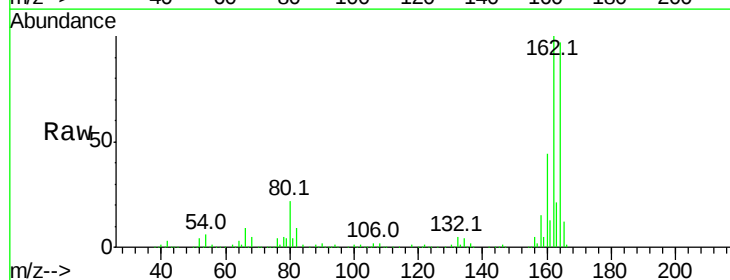
Ion Ratio Lower Upper

165 100

63 1.7 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

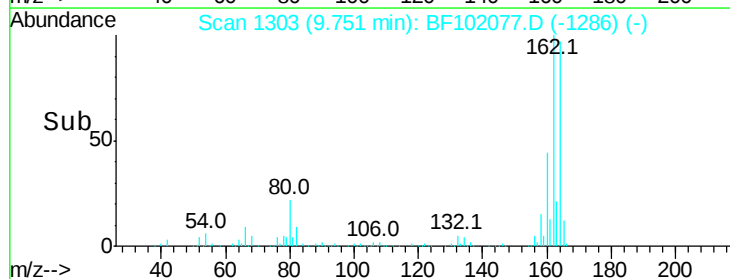
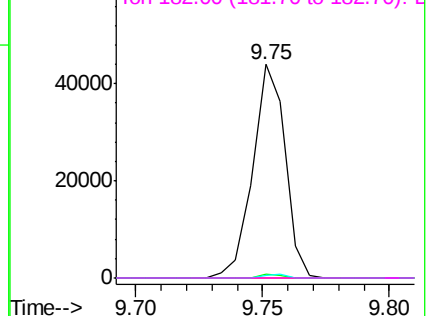


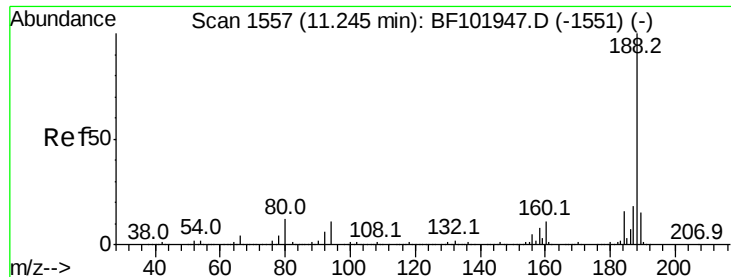
Abundance Ion 165.00 (164.70 to 165.70): E

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

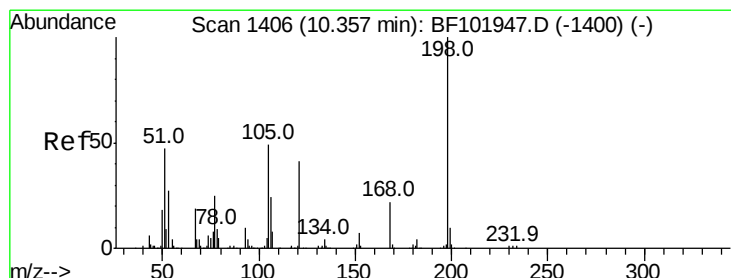
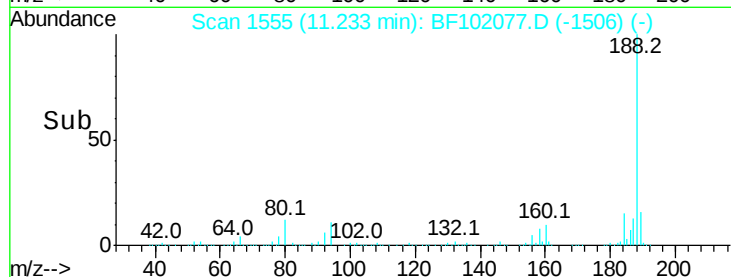
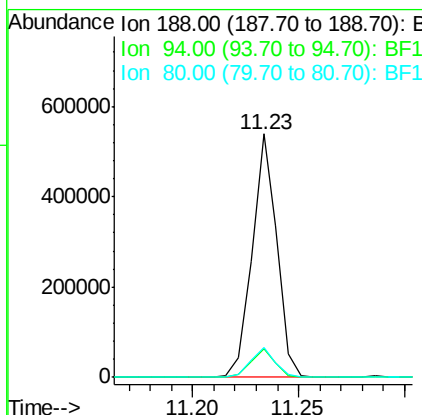
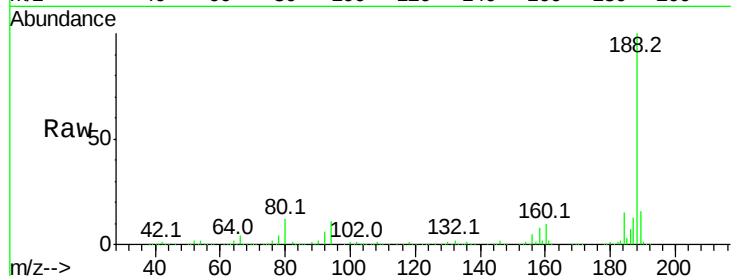




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102077.D
 Acq: 15 Jan 2018 21:47

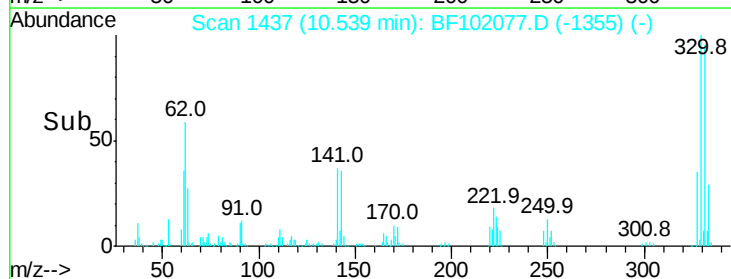
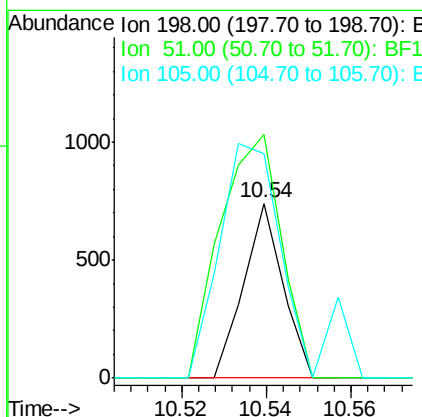
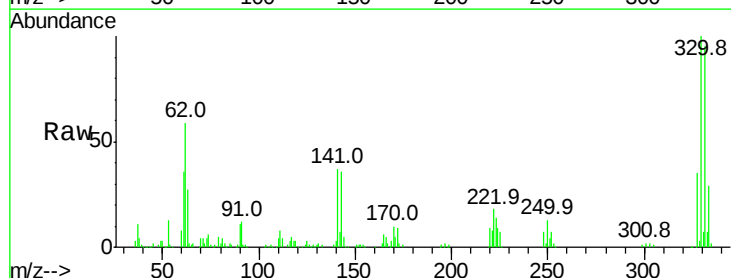
Instrument :
 BNA_F
 ClientSampleId :

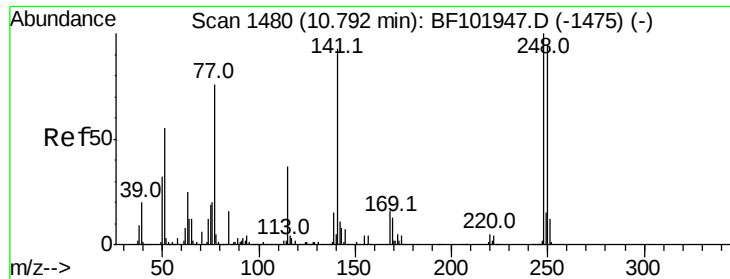
Tot Ion:188 Resp: 438175
 Ion Ratio Lower Upper
 188 100
 94 11.5 8.5 12.7
 80 12.5 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.839 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF102077.D
 Acq: 15 Jan 2018 21:47

Tgt Ion:198 Resp: 478
 Ion Ratio Lower Upper
 198 100
 51 139.1 37.7 77.7#
 105 128.4 36.3 76.3#

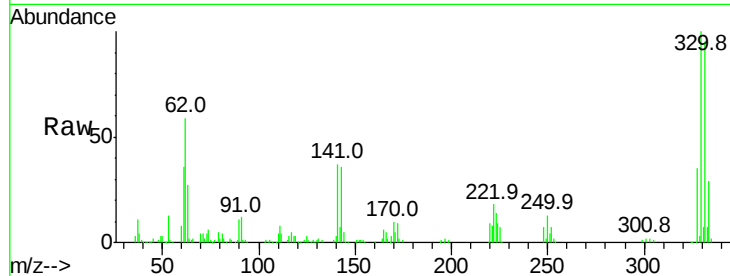




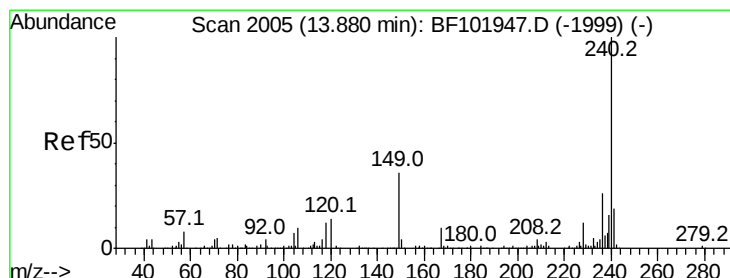
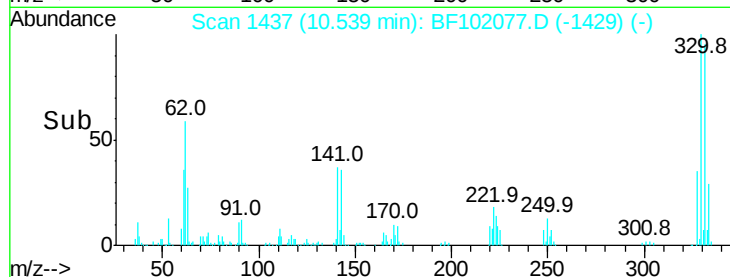
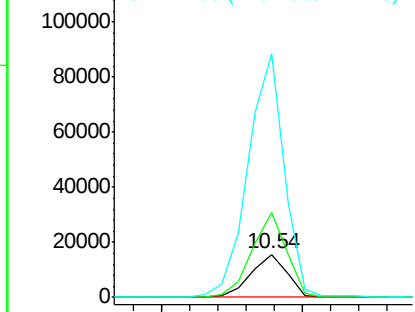
#66
4-Bromophenyl-phenylether
Concen: 3.007 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.25 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 13915
Ion Ratio Lower Upper
248 100
250 194.9 76.9 115.3#
141 562.7 74.4 111.6#

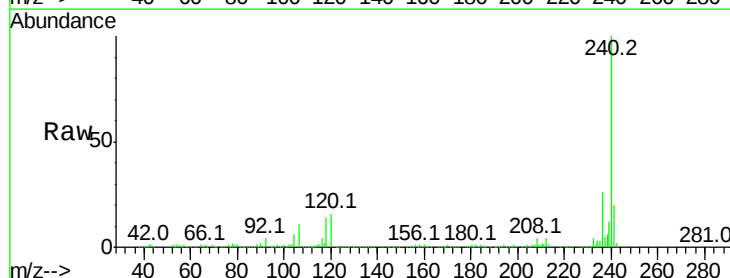


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

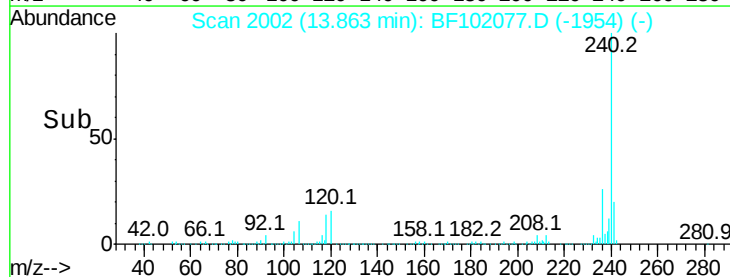
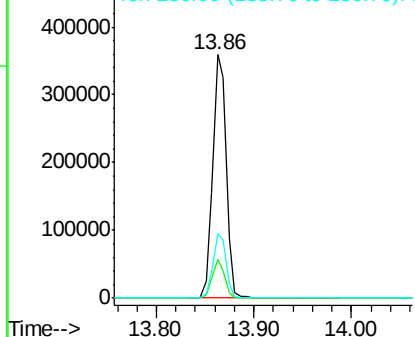


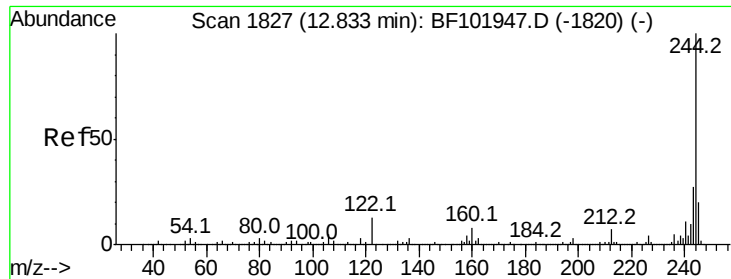
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.02 min
Lab File: BF102077.D
Acq: 15 Jan 2018 21:47

Tgt Ion:240 Resp: 345291
Ion Ratio Lower Upper
240 100
120 15.8 9.5 14.3#
236 26.5 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: 66.791 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

Instrument :

BNA_F

ClientSampleId :

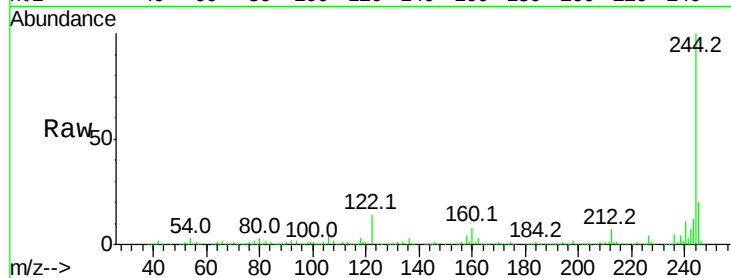
Tot Ion:244 Resp: 1110754

Ion Ratio Lower Upper

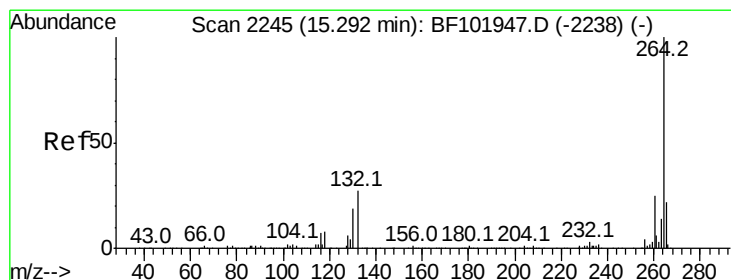
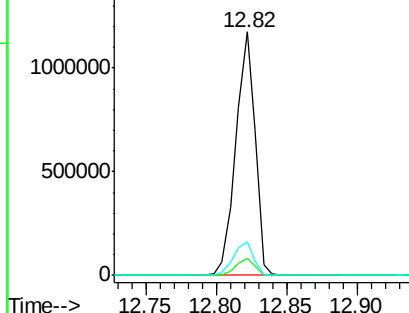
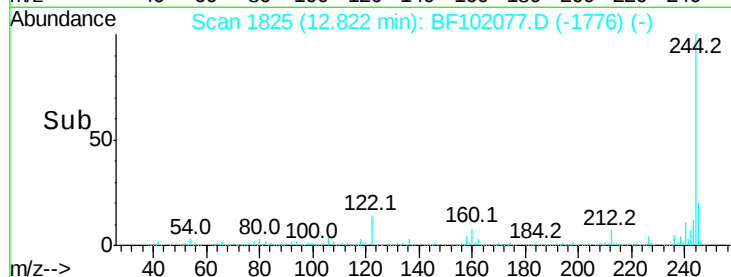
244 100

212 7.0 5.4 8.0

122 13.9 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: 15.28 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BF102077.D

Acq: 15 Jan 2018 21:47

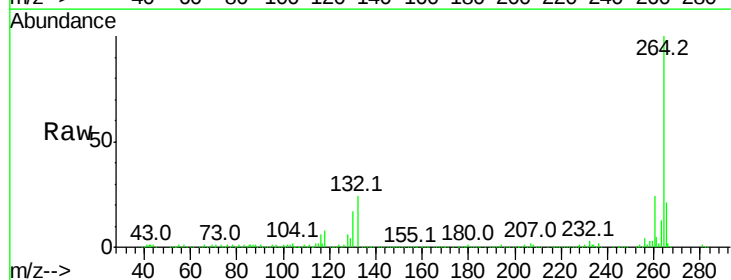
Tgt Ion:264 Resp: 320646

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 21.4 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

