

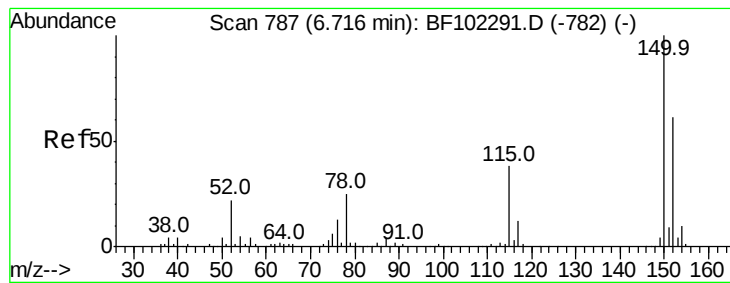
Data Path : U:\HPCHEM1\BNA F\DATA\BF013118\
 Data File : BF102676.D
 Acq On : 1 Feb 2018 1:02
 Operator : SJ/JU
 Sample : J1010-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 01 03:01:55 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 18:38:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	125350	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	461722	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	174070	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	297185	20.00	ng	0.00
75) Chrysene-d12	13.87	240	275923	20.00	ng	0.00
86) Perylene-d12	15.30	264	186009	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	903936	109.34	ng	0.04
7) Phenol-d6	6.38	99	936914	94.00	ng	0.02
23) Nitrobenzene-d5	7.28	82	684934	85.25	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	186337	108.04	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	1102518	93.13	ng	0.00
78) Terphenyl-d14	12.82	244	1036009	84.64	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	90617	14.857	ng	# 79
25) Isophorone	7.28	82	684925	47.818	ng	# 64
49) Dimethylphthalate	9.75	163	43352	3.013	ng	# 1
50) 2,6-Dinitrotoluene	9.75	165	22077	7.117	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22077	5.787	ng	# 24
66) 4-Bromophenyl-phenylether	10.55	248	12486	3.903	ng	# 1

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

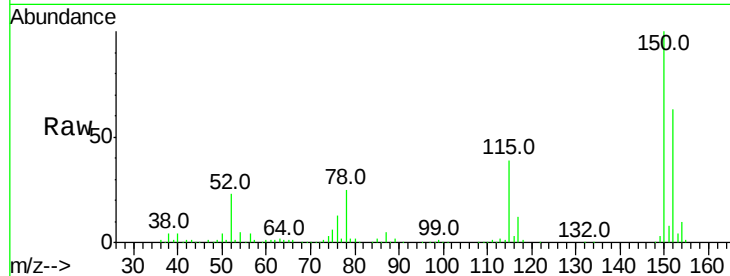


#1

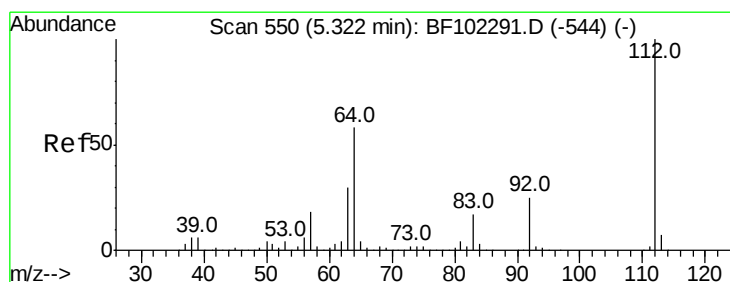
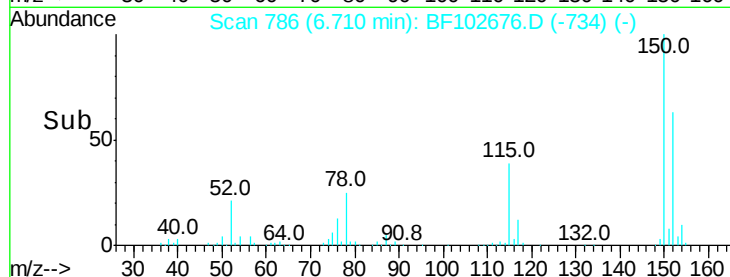
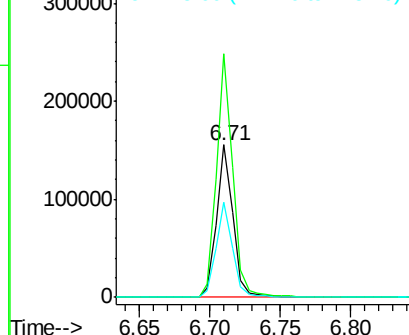
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 125350
 Ion Ratio Lower Upper
 152 100
 150 159.7 124.6 186.8
 115 62.2 50.1 75.1



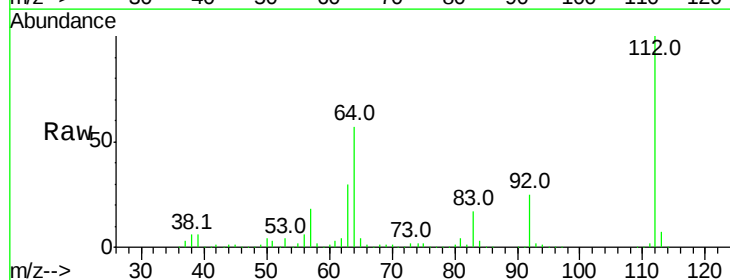
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



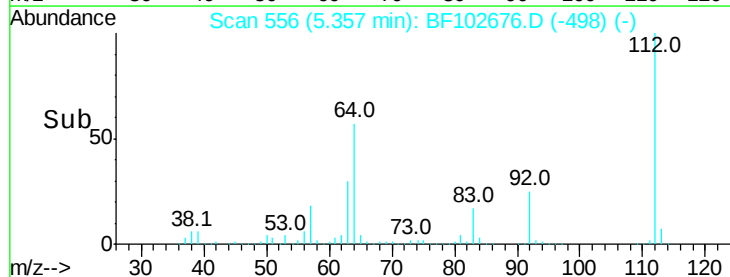
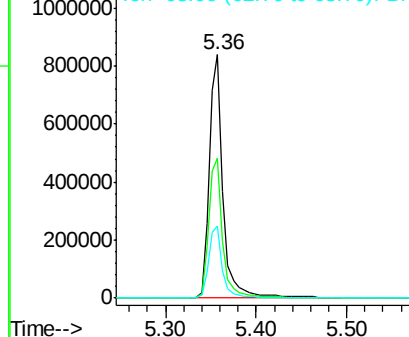
#5

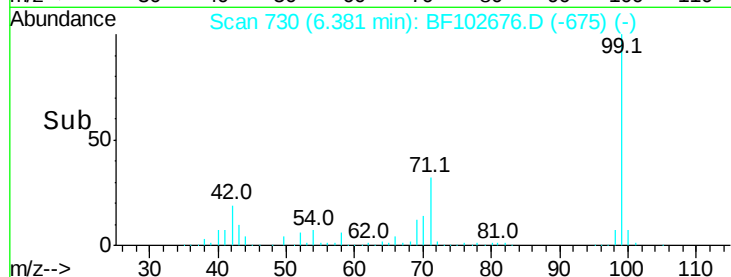
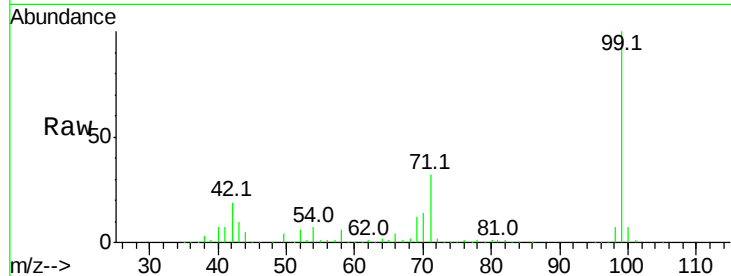
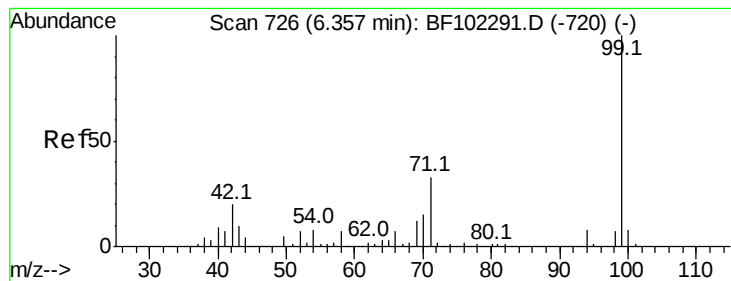
2-Fluorophenol
 Concen: 109.342 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.04 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion:112 Resp: 903936
 Ion Ratio Lower Upper
 112 100
 64 57.3 47.9 71.9
 63 29.8 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: 94.005 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.02 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

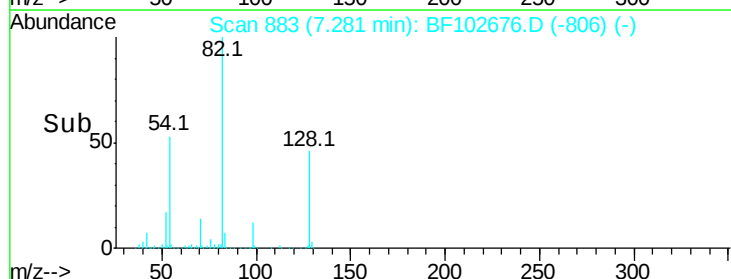
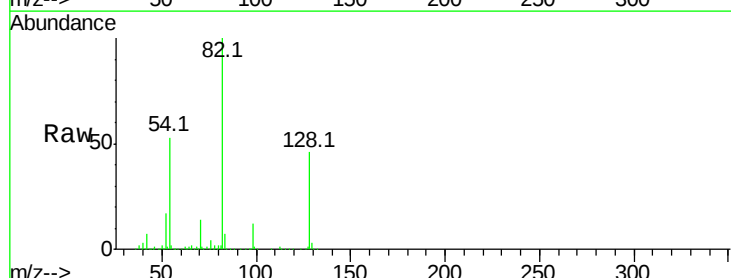
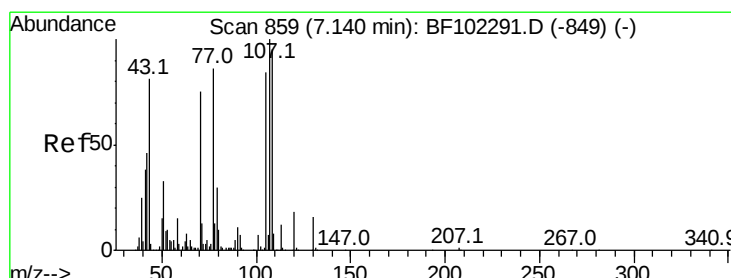
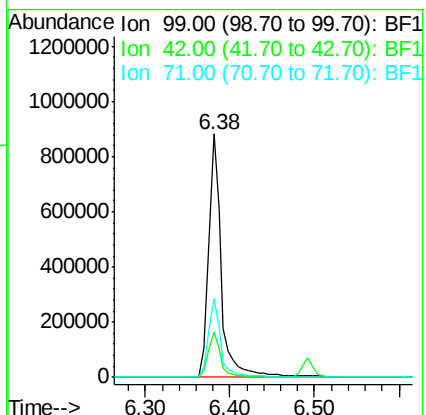
Tot Ion: 99 Resp: 936914

Ion Ratio Lower Upper

99 100

42 18.6 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.857 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Tgt Ion: 70 Resp: 90617

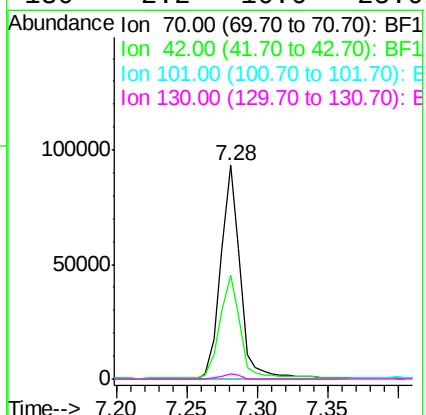
Ion Ratio Lower Upper

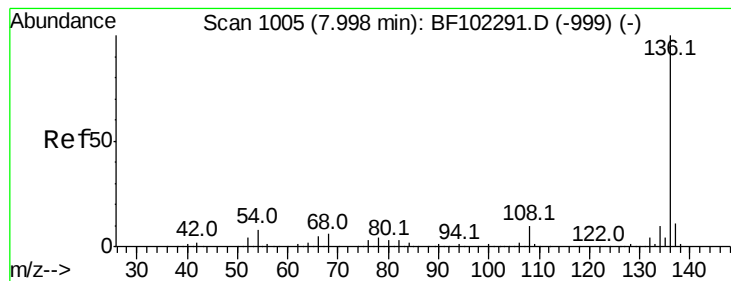
70 100

42 48.8 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: 7.99 min Scan# 1004

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 461722

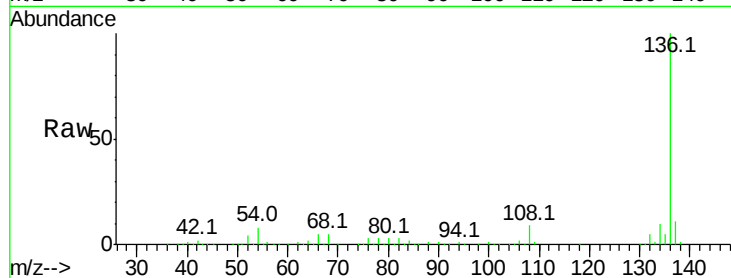
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 8.2 6.6 9.8

68 5.5 5.0 7.4

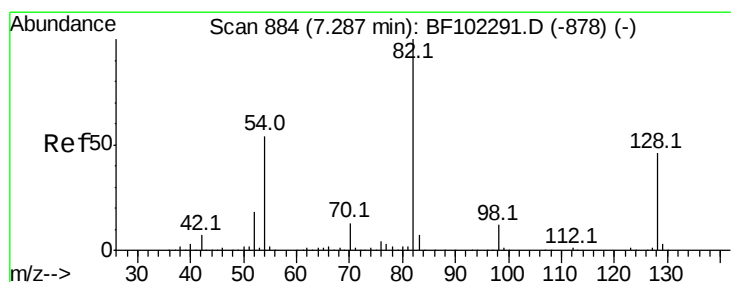
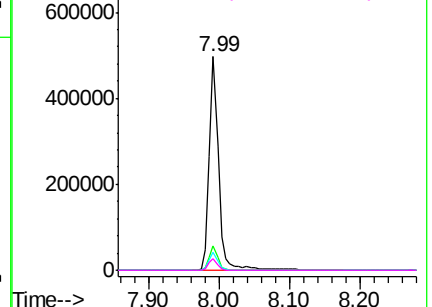
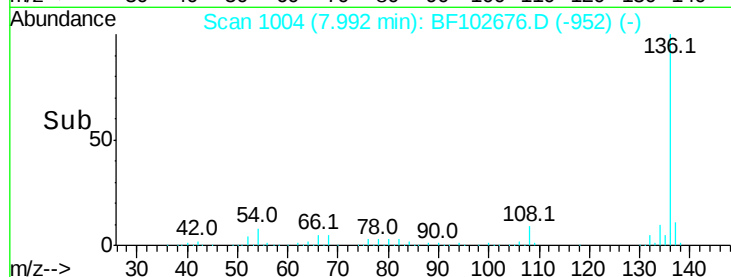


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.248 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.00 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

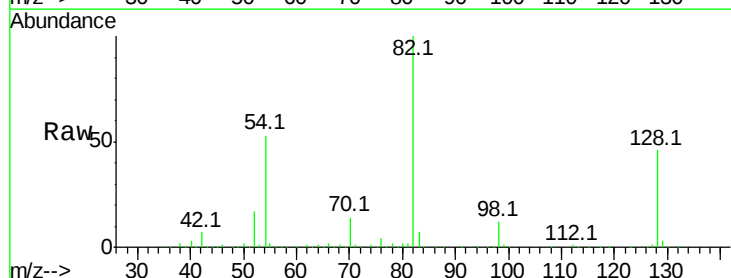
Tgt Ion: 82 Resp: 684934

Ion Ratio Lower Upper

82 100

128 45.8 36.1 54.1

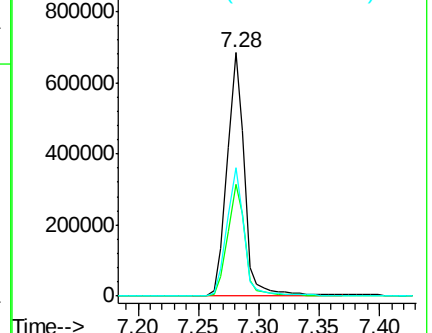
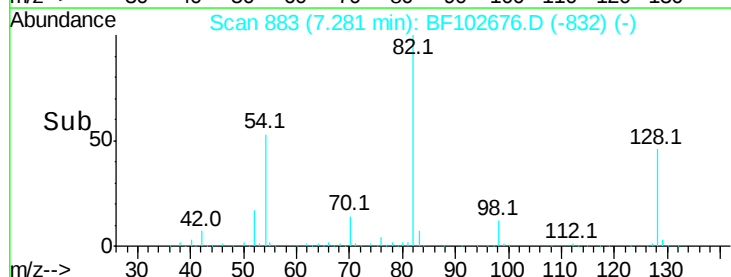
54 52.5 41.4 62.2

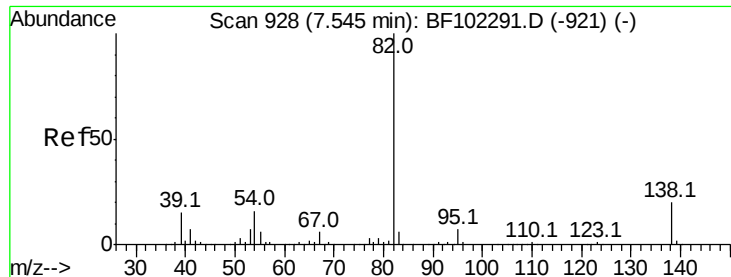


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 47.818 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.25 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampleId :

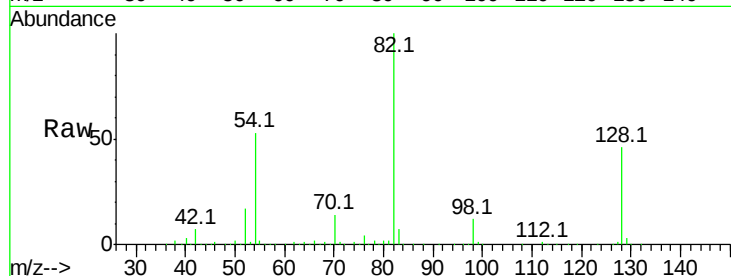
Tot Ion: 82 Resp: 684925

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

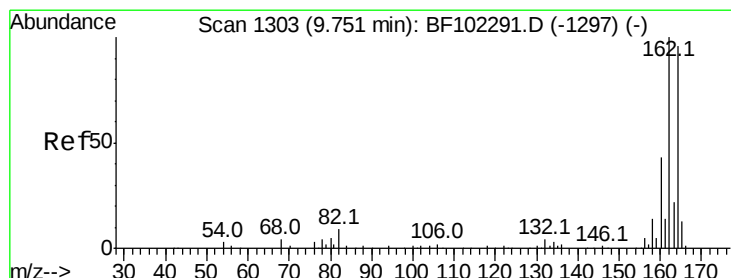
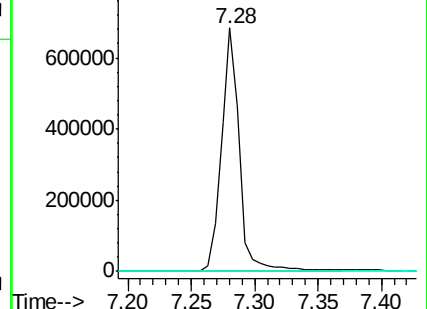
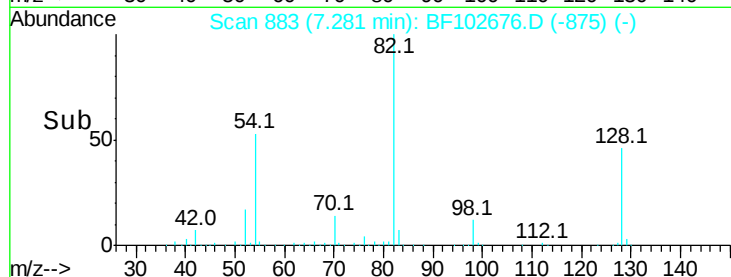
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

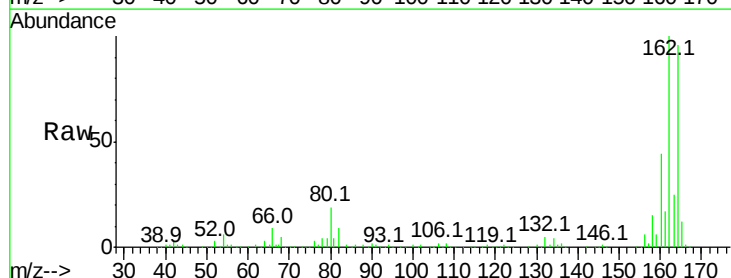
Tgt Ion:164 Resp: 174070

Ion Ratio Lower Upper

164 100

162 103.8 86.1 129.1

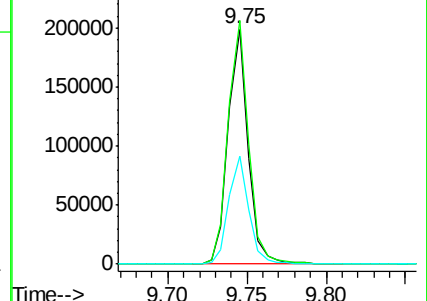
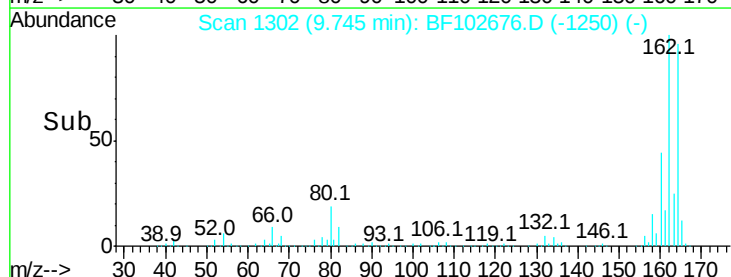
160 46.0 38.3 57.5

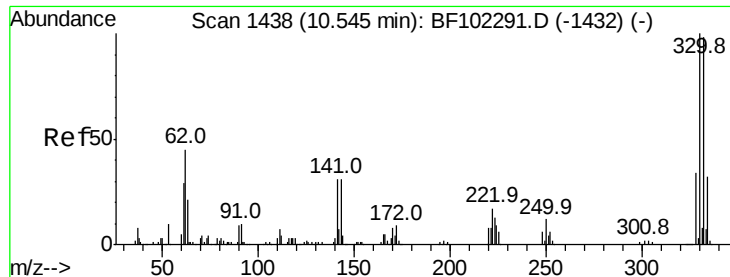


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

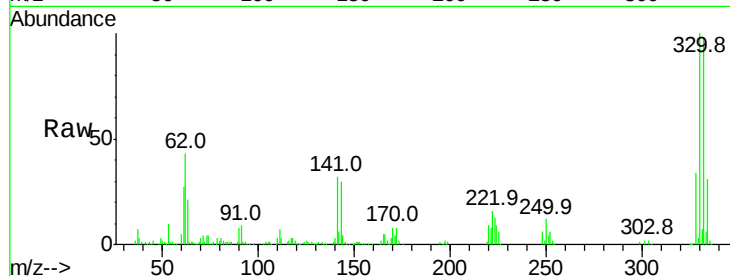




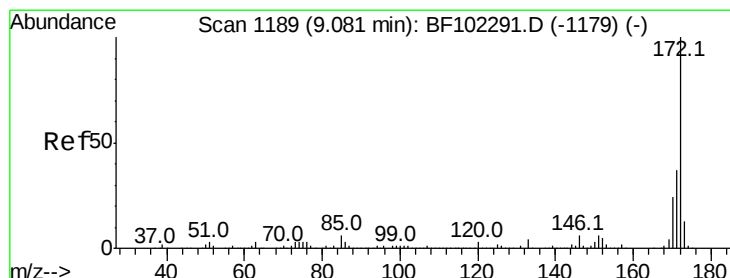
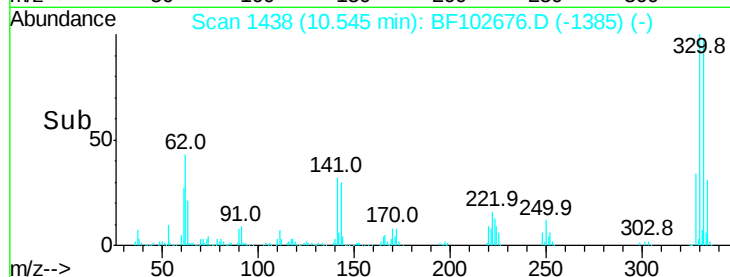
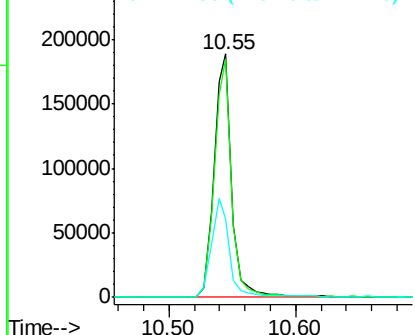
#41
 2,4,6-Tribromophenol
 Concen: 108.035 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	41.0	29.9	44.9

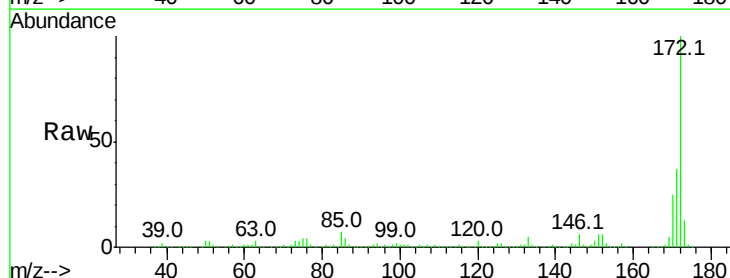


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

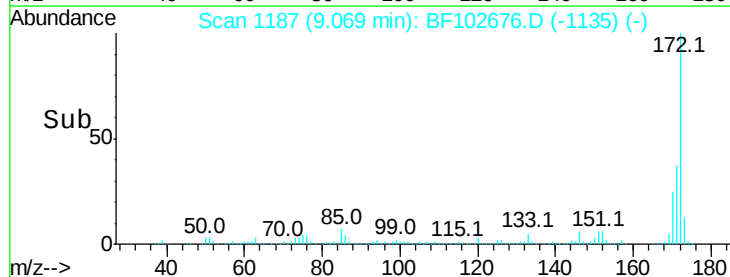
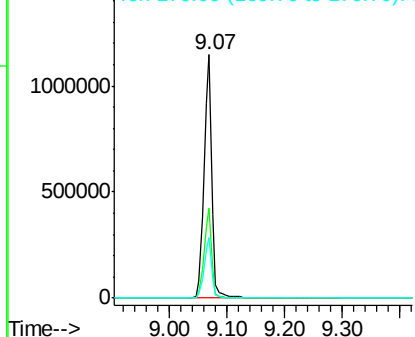


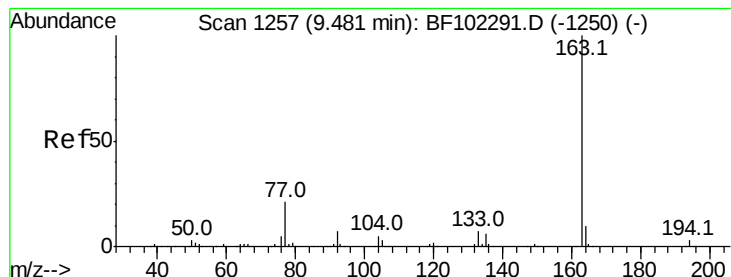
#44
 2-Fluorobiphenyl
 Concen: 93.129 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.7	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: 3.013 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.28 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

Instrument :

BNA_F

ClientSampled :

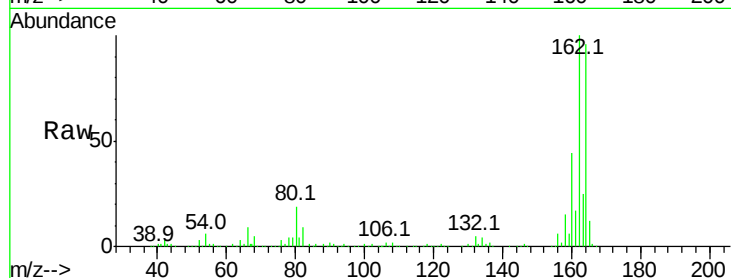
Tot Ion:163 Resp: 43352

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

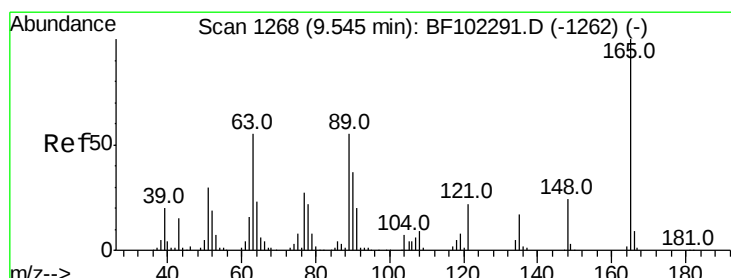
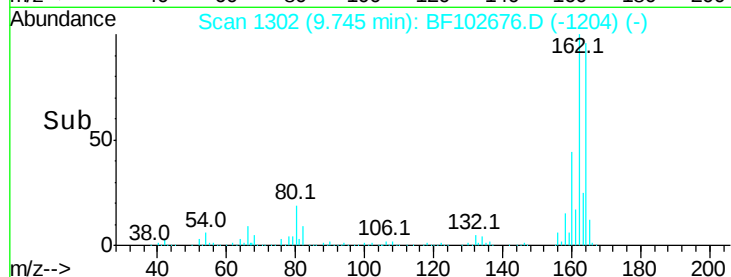
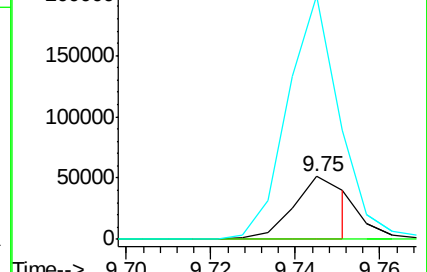
164 389.5 8.2 12.2#



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: 7.117 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.21 min

Lab File: BF102676.D

Acq: 1 Feb 2018 1:02

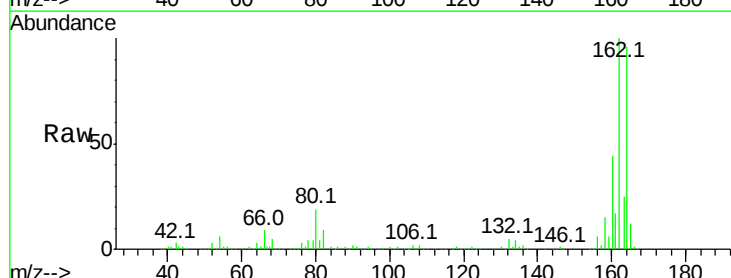
Tgt Ion:165 Resp: 22077

Ion Ratio Lower Upper

165 100

63 1.8 44.7 67.1#

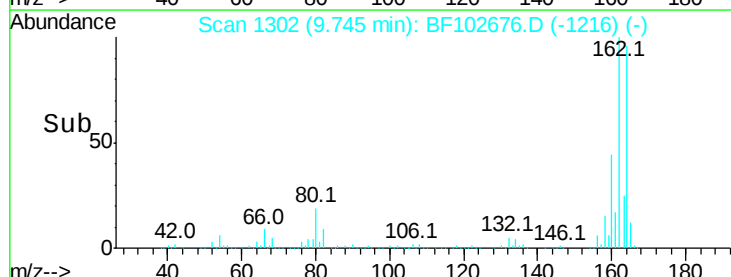
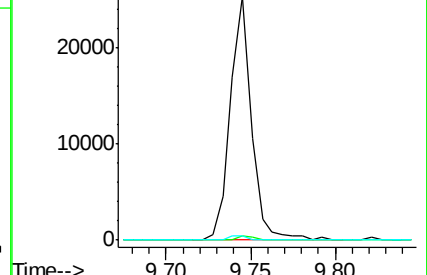
89 1.5 44.0 66.0#

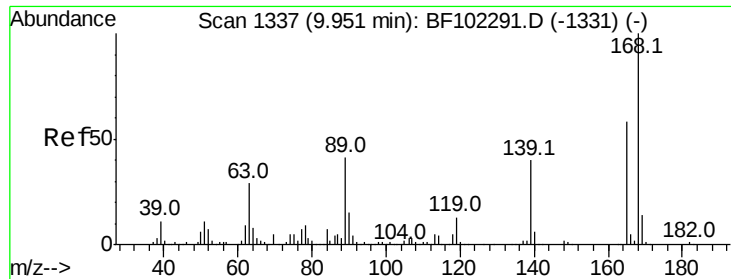


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

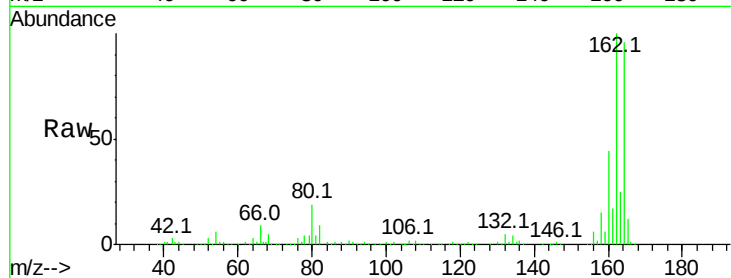




#56
 2,4-Dinitrotoluene
 Concen: 5.787 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

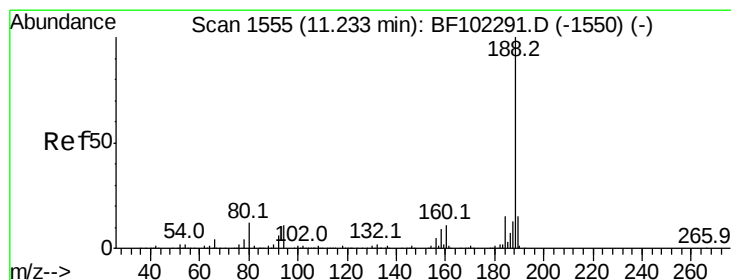
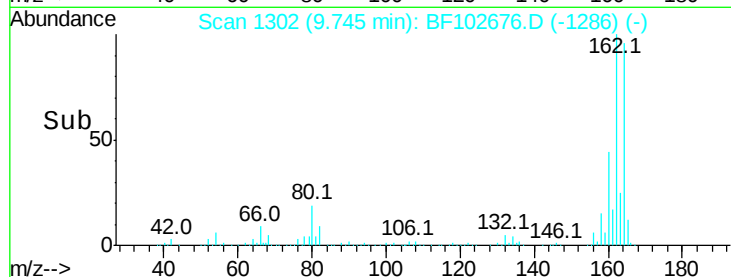
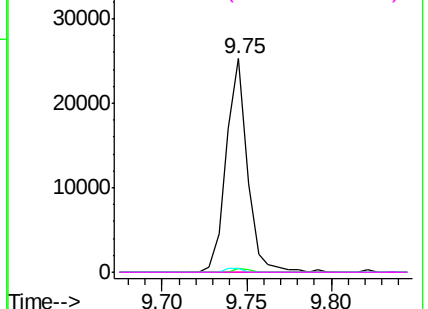


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

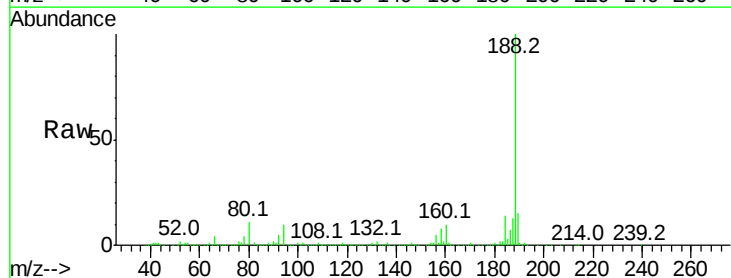
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

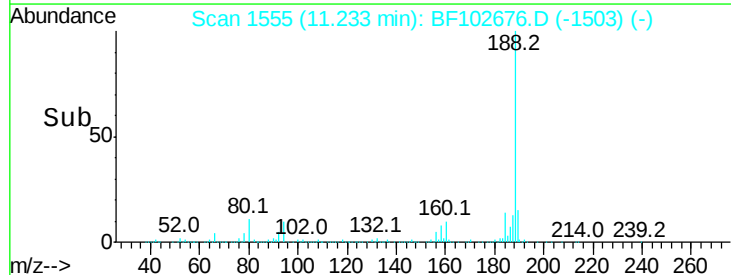
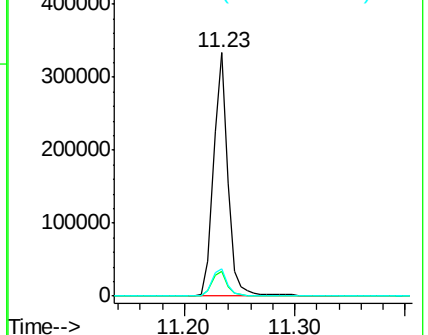
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	8.5	12.7
80	11.4	9.2	13.8

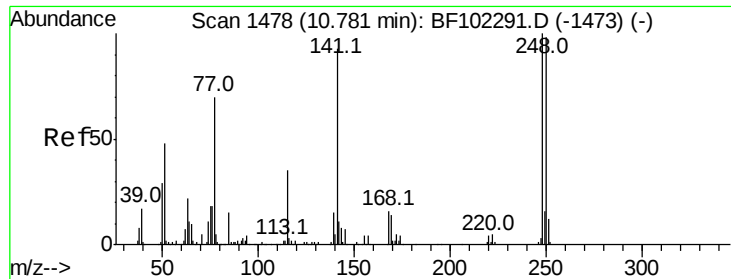


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

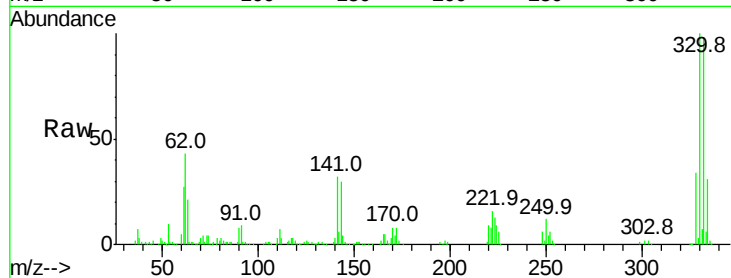




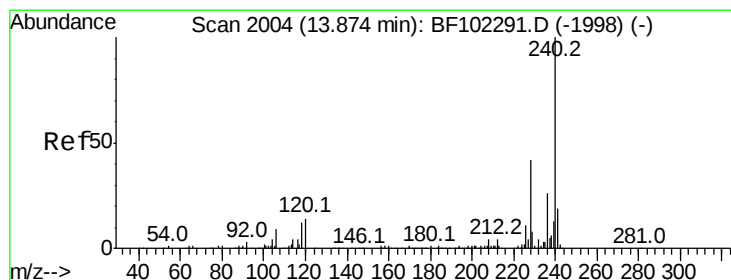
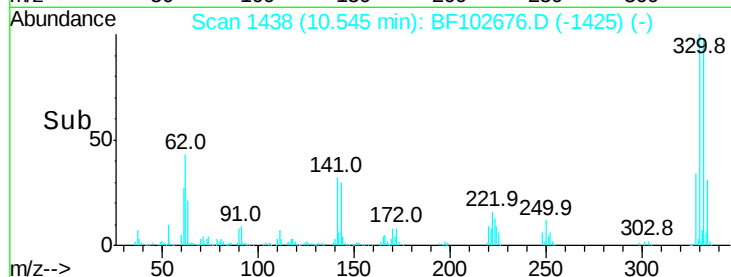
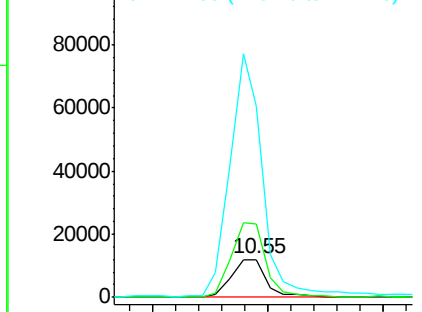
#66
4-Bromophenyl-phenylether
Concen: 3.903 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.22 min
Lab File: BF102676.D
Acq: 1 Feb 2018 1:02

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12486
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 504.3 74.4 111.6#

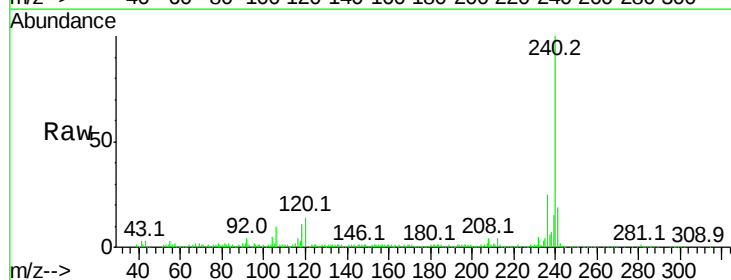


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

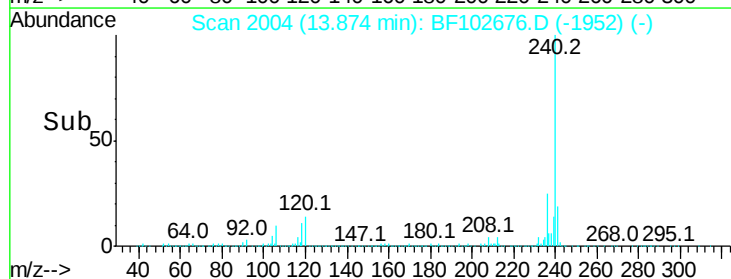
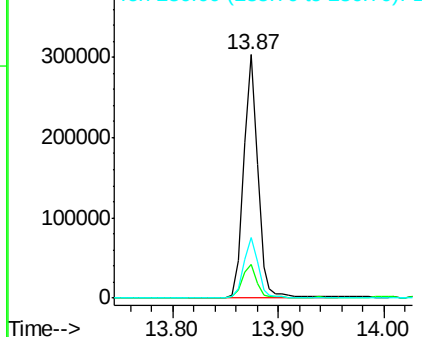


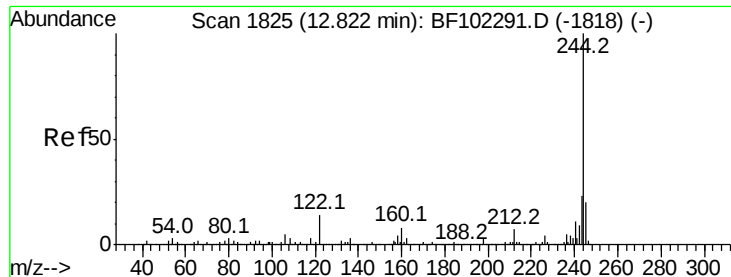
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.01 min
Lab File: BF102676.D
Acq: 1 Feb 2018 1:02

Tgt Ion:240 Resp: 275923
Ion Ratio Lower Upper
240 100
120 13.9 9.5 14.3
236 24.8 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

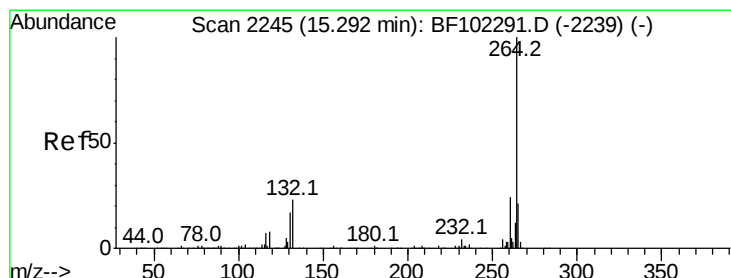
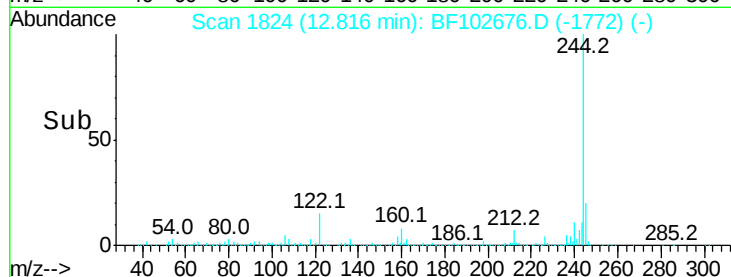
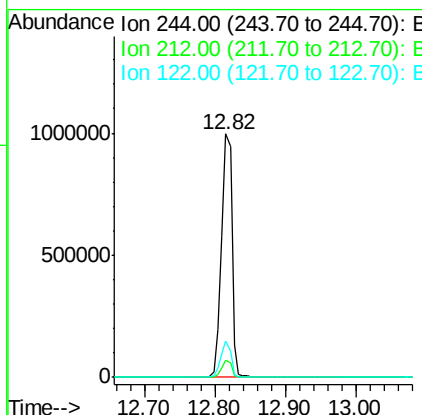
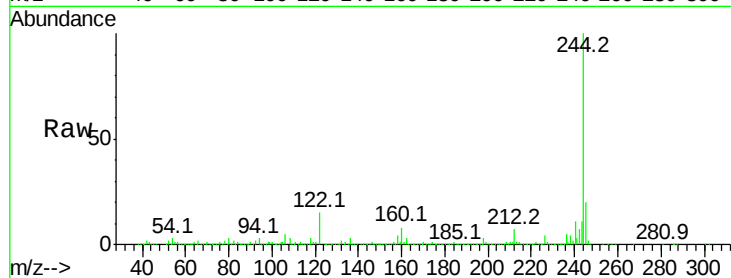




#78
 Terphenyl-d14
 Concen: 84.645 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. 0.01 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1036009
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.8 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2247
 Delta R.T. 0.02 min
 Lab File: BF102676.D
 Acq: 1 Feb 2018 1:02

Tgt Ion:264 Resp: 186009
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.9 17.5 26.3

