

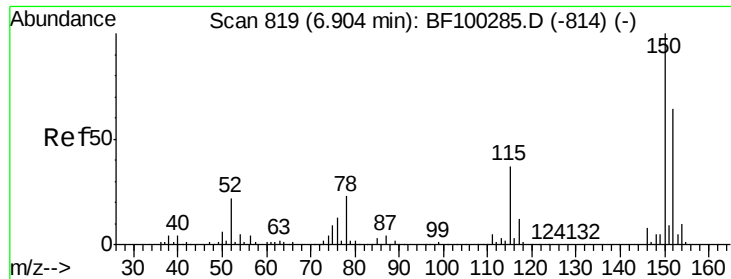
Data Path : Z:\HPCHEM1\BNA F\DATA\BF111517\
 Data File : BF100598.D
 Acq On : 15 Nov 2017 19:47
 Operator : SJ/JU
 Sample : I6422-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 03:36:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 15 13:27:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	122704	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	455638	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	173132	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	252245	20.00	ng	0.00
75) Chrysene-d12	14.04	240	248950	20.00	ng	-0.01
86) Perylene-d12	15.52	264	247938	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	599105	78.27	ng	0.00
7) Phenol-d6	6.50	99	721718	76.46	ng	-0.01
23) Nitrobenzene-d5	7.45	82	437948	63.55	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	117544	66.63	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	711376	62.57	ng	0.00
78) Terphenyl-d14	12.99	244	419421	38.71	ng	0.00
Target Compounds						
10) Phenol	6.52	94	37459	3.78	ng	Qvalue 96
19) n-Nitroso-di-n-propylamine	7.45	70	57083	8.72	ng	# 77
25) Isophorone	7.45	82	437937	30.24	ng	# 64
47) 2-Nitroaniline	9.63	65	890	3.05	ng	# 1
49) Dimethylphthalate	9.63	163	118569	8.97	ng	99
56) 2,4-Dinitrotoluene	9.92	165	22549	6.83	ng	# 21
62) Azobenzene	10.63	77	68240	5.48	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.70	198	134	8.66	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	7742	2.86	ng	# 1

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

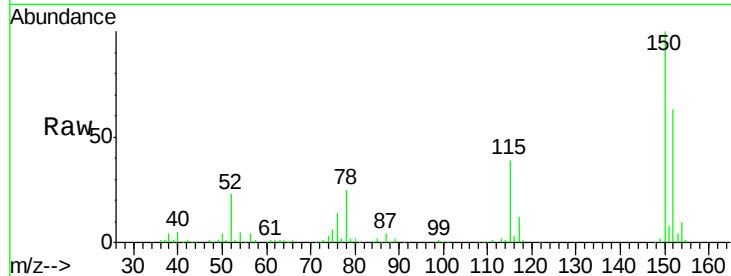


#1

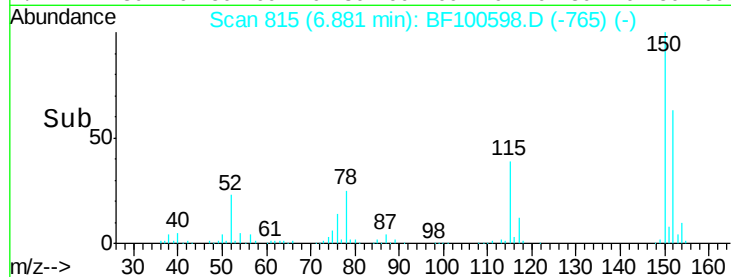
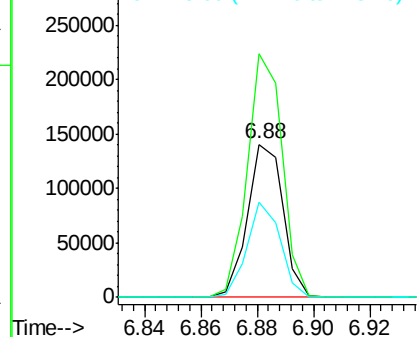
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 122704
Ion Ratio Lower Upper
152 100
150 158.8 124.6 186.8
115 61.7 50.1 75.1



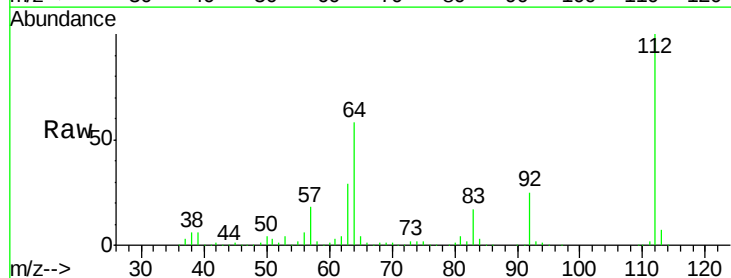
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



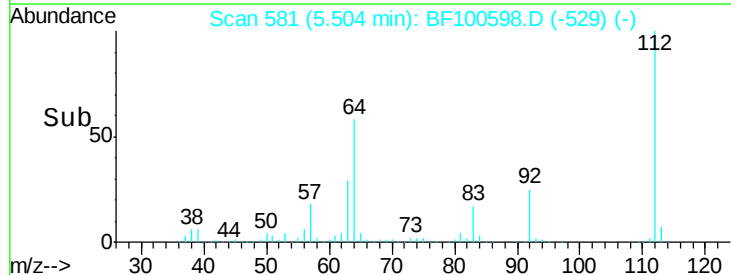
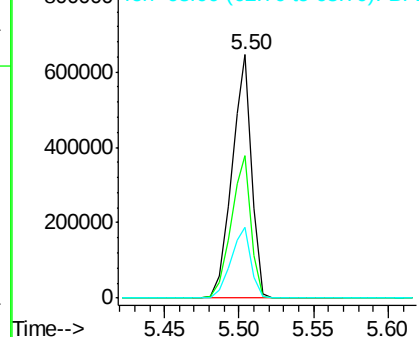
#5

2-Fluorophenol
Concen: 78.27 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion:112 Resp: 599105
Ion Ratio Lower Upper
112 100
64 58.4 47.9 71.9
63 29.2 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: 76.46 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Instrument :

BNA_F

ClientSampleId :

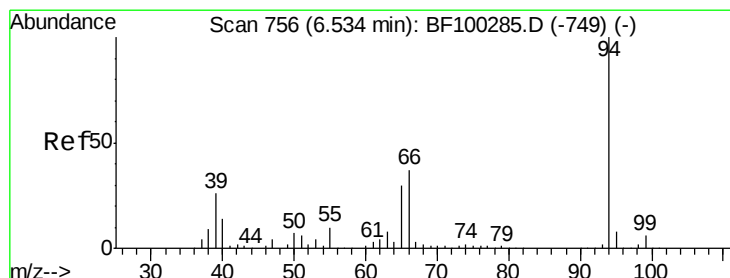
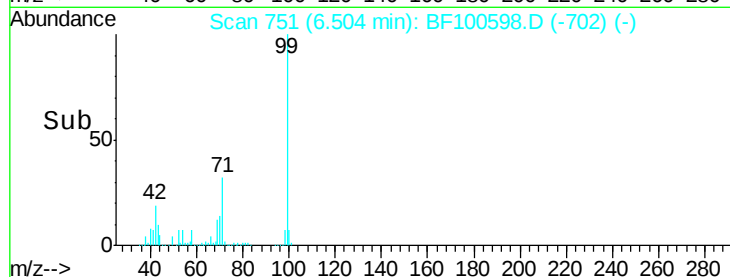
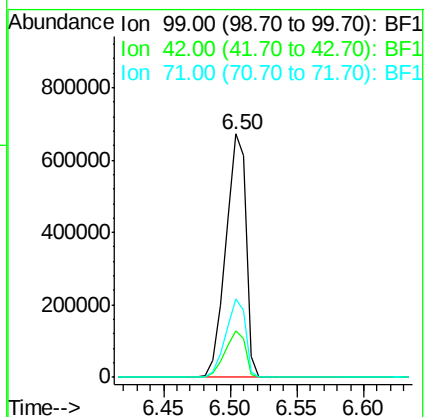
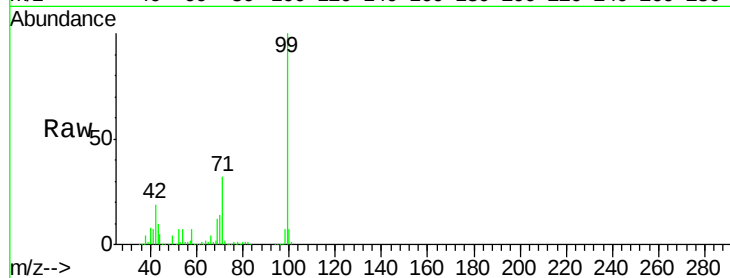
Tot Ion: 99 Resp: 721718

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

71 32.3 25.4 38.0



#10

Phenol

Concen: 3.78 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

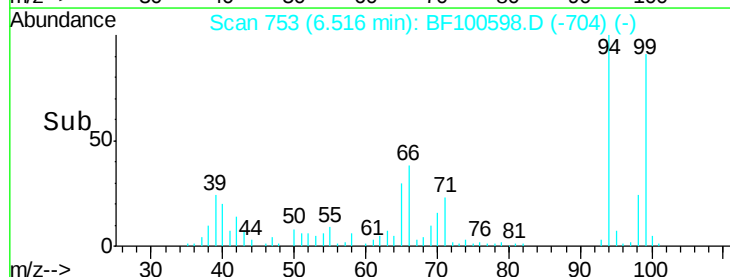
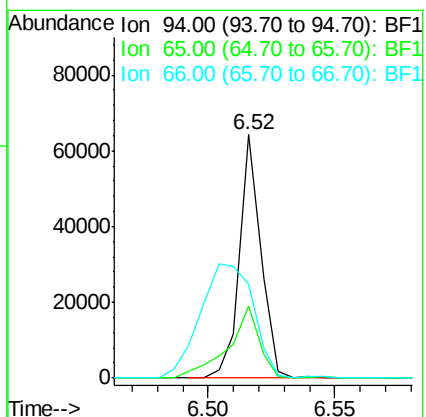
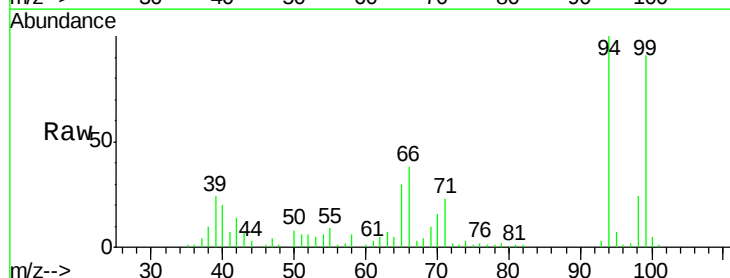
Tgt Ion: 94 Resp: 37459

Ion Ratio Lower Upper

94 100

65 29.6 7.9 47.9

66 38.5 16.2 56.2

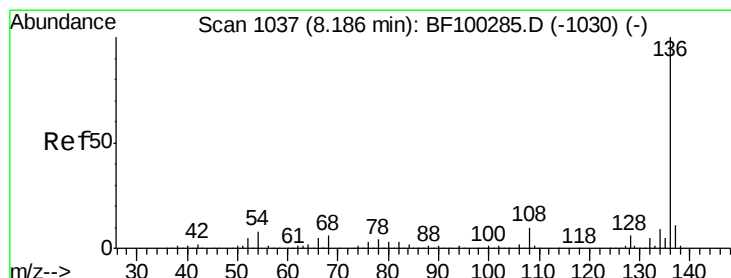
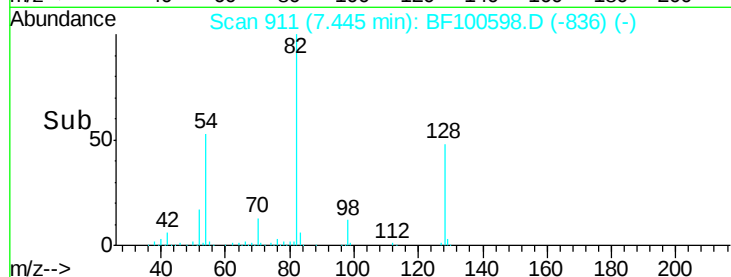
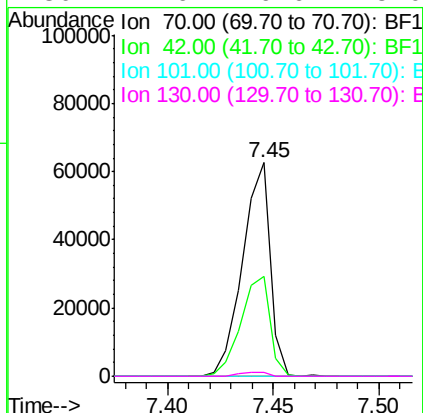
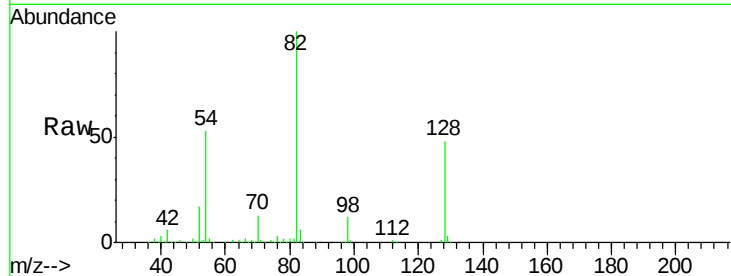




#19
n-Nitroso-di-n-propylamine
Concen: 8.72 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

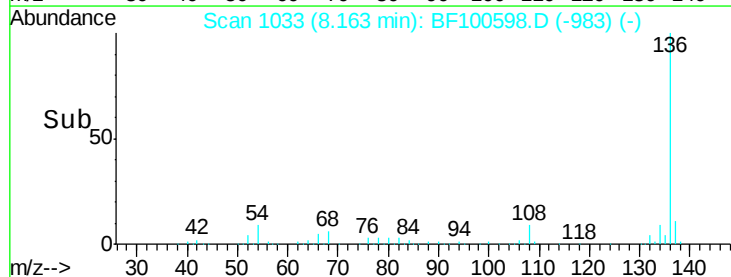
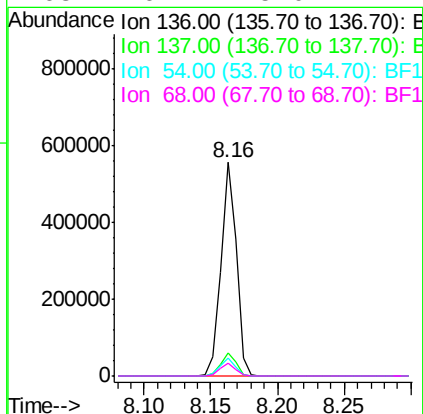
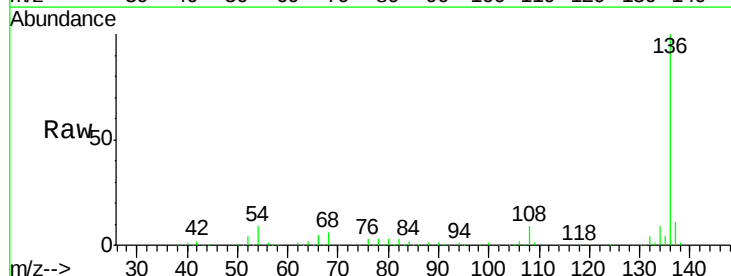
Instrument :
BNA_F
ClientSampled :

Tot Ion: 70 Resp: 57083
Ion Ratio Lower Upper
70 100
42 47.0 47.5 71.3#
101 0.0 7.4 11.2#
130 1.6 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion: 136 Resp: 455638
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.5 6.6 9.8
68 6.1 5.0 7.4

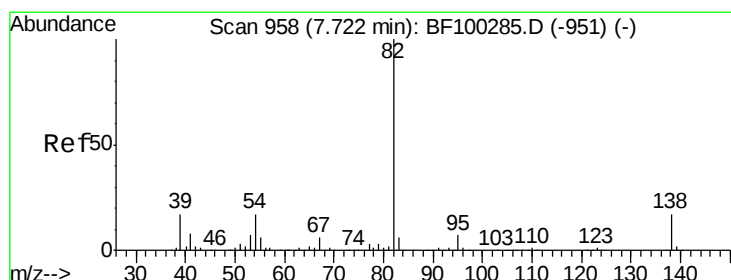
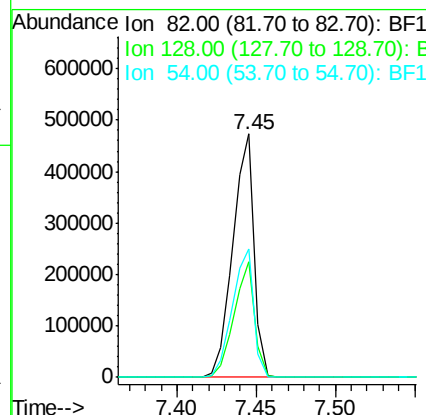
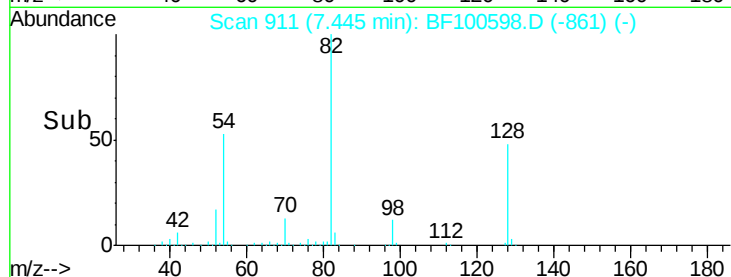
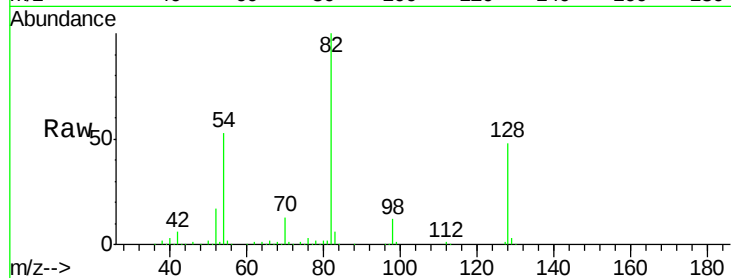




#23
Nitrobenzene-d5
Concen: 63.55 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

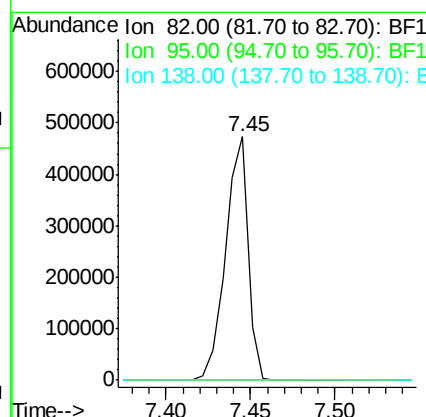
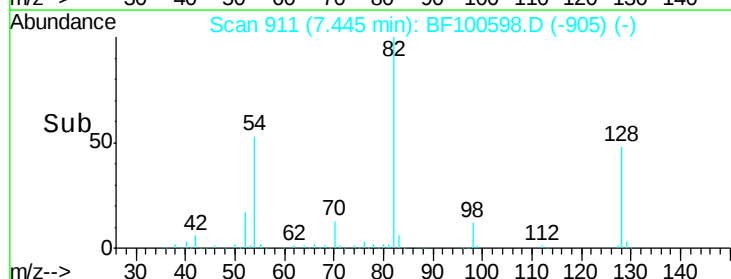
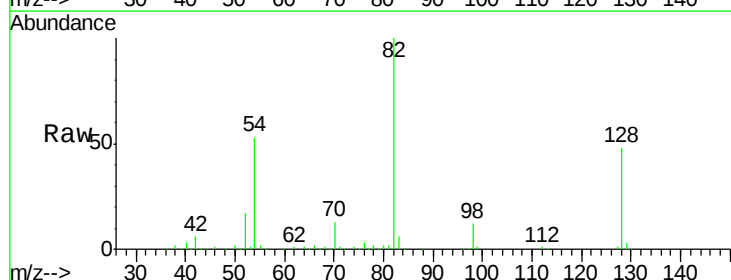
Instrument :
BNA_F
ClientSampleID :

Tot Ion: 82 Resp: 437948
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 52.7 41.4 62.2



#25
Isophorone
Concen: 30.24 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.26 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion: 82 Resp: 437937
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

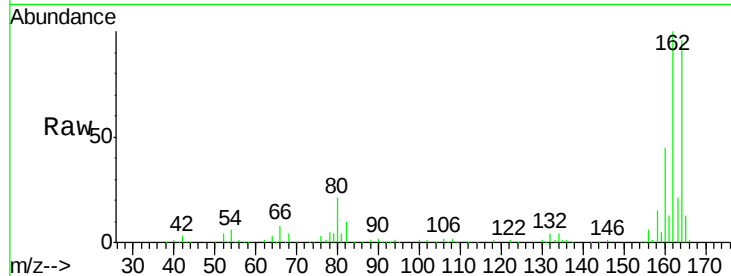




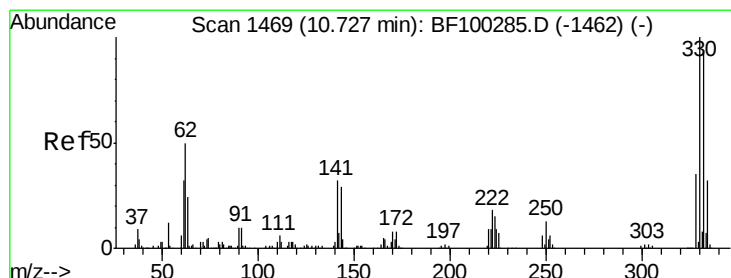
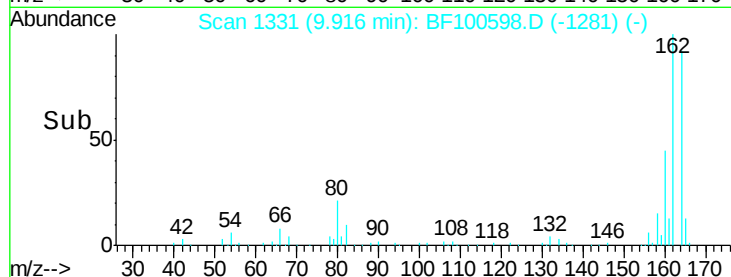
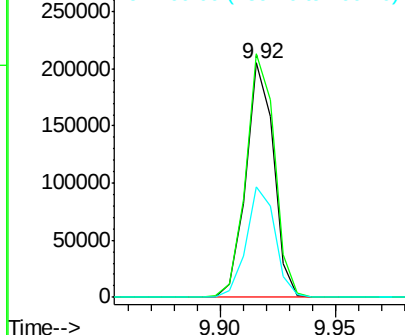
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 173132
 Ion Ratio Lower Upper
 164 100
 162 103.8 86.1 129.1
 160 47.1 38.3 57.5

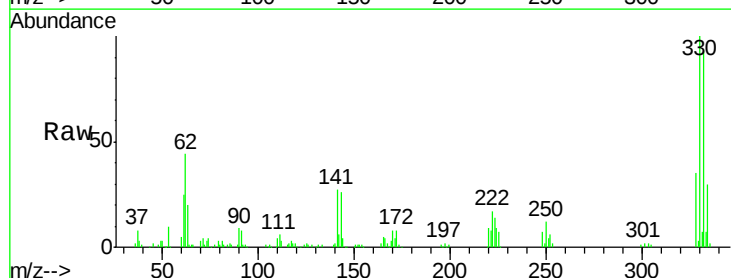


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

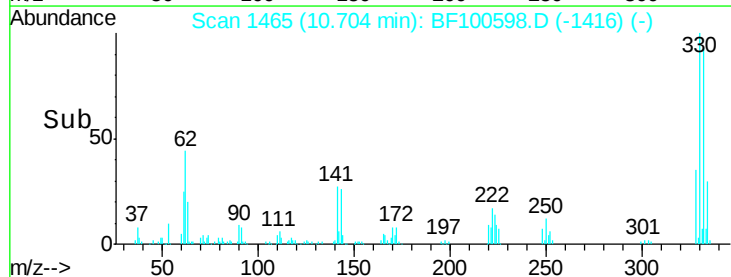
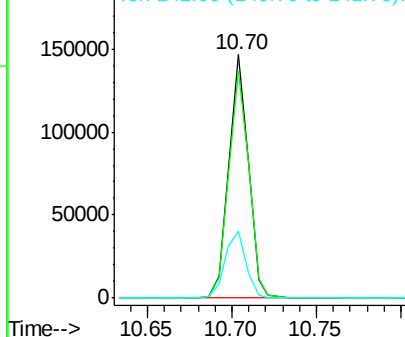


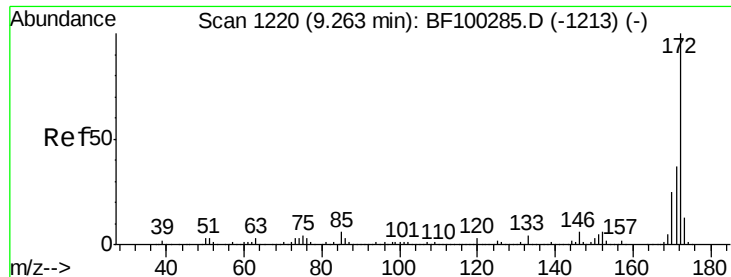
#41
 2,4,6-Tribromophenol
 Concen: 66.63 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Tgt Ion:330 Resp: 117544
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 29.6 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

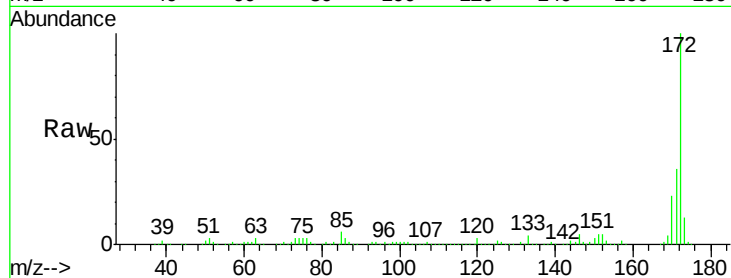




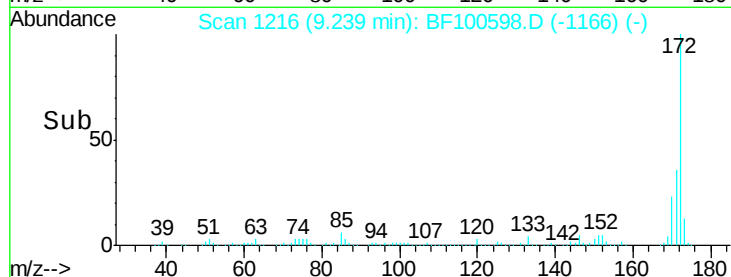
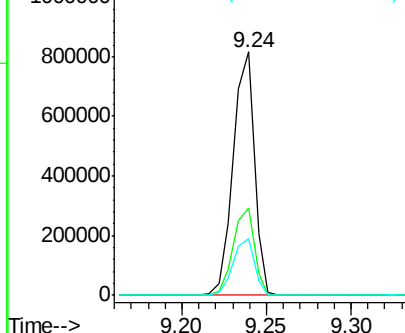
#44
 2-Fluorobiphenyl
 Concen: 62.57 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 711376
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 19.6 29.4

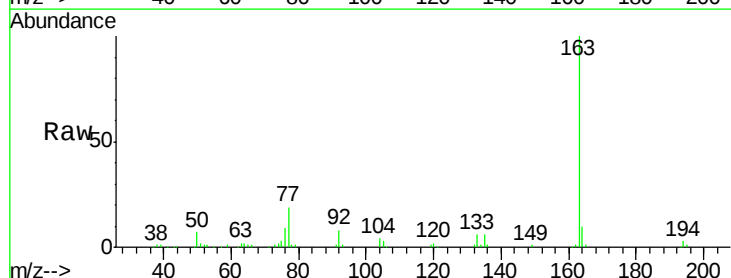


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

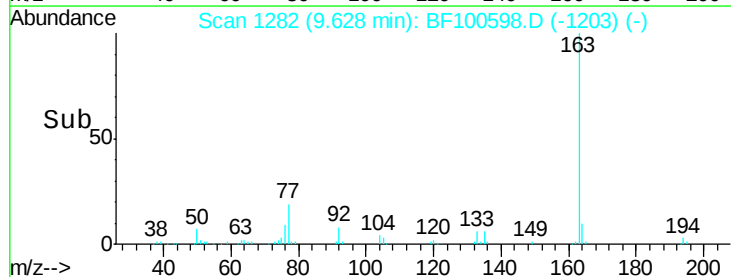
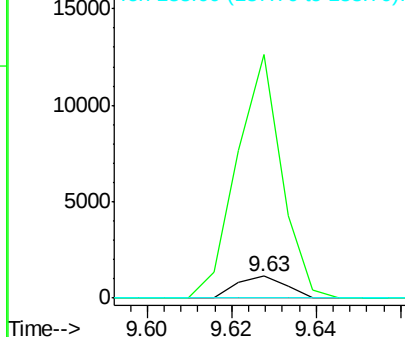


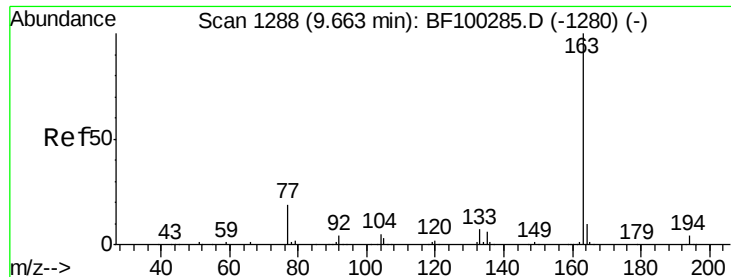
#47
 2-Nitroaniline
 Concen: 3.05 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.16 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Tgt Ion: 65 Resp: 890
 Ion Ratio Lower Upper
 65 100
 92 1115.2 55.8 83.6#
 138 0.0 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

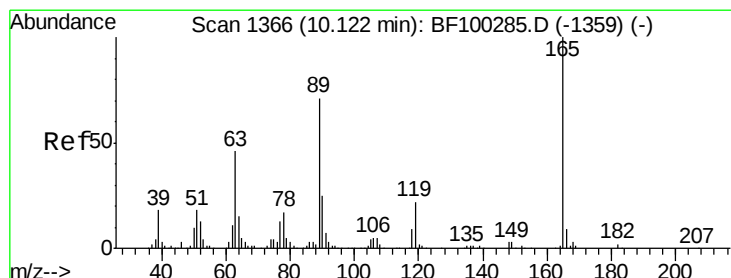
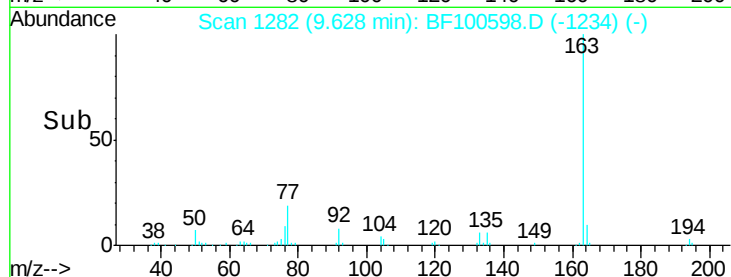
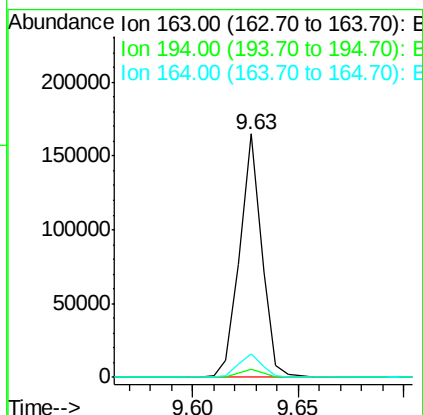
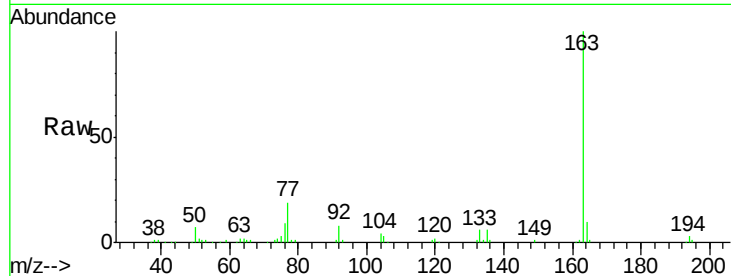




#49
Dimethylphthalate
Concen: 8.97 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

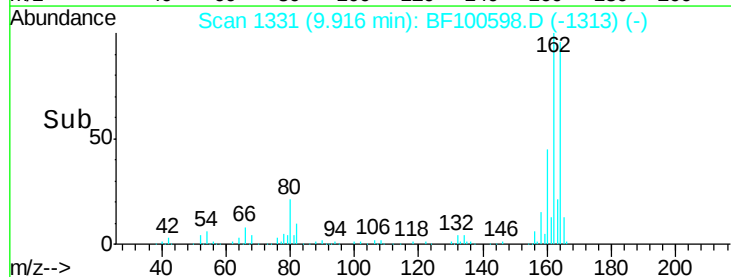
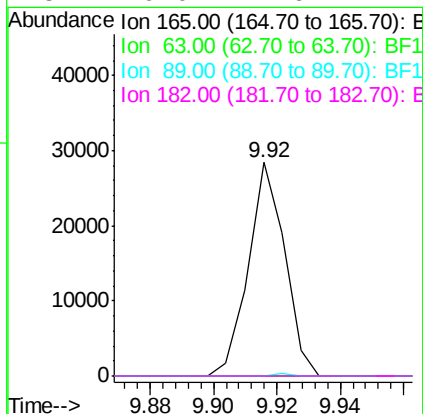
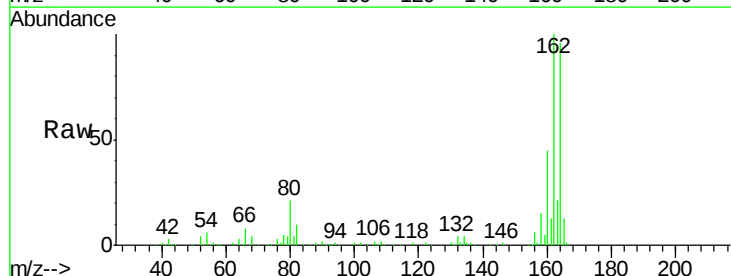
Instrument :
BNA_F
ClientSampleId :

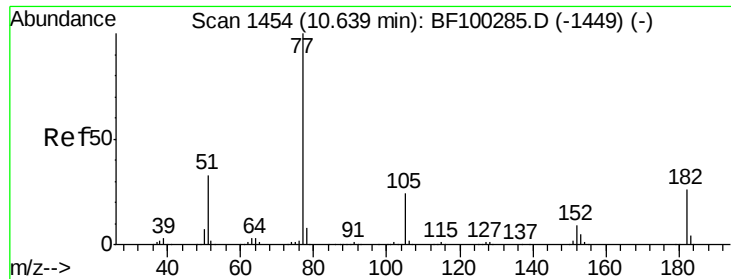
Tot Ion:163 Resp: 118569
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.8 8.2 12.2



#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.19 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Tgt Ion:165 Resp: 22549
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#





#62

Azobenzene

Concen: 5.48 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 68240

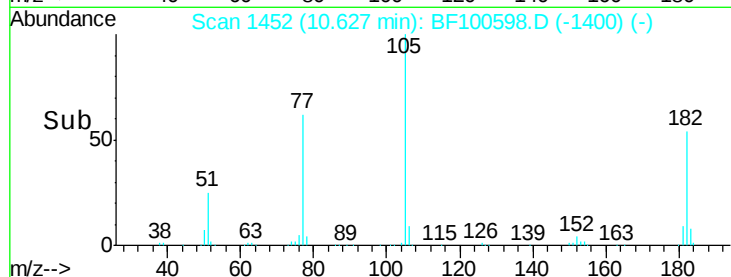
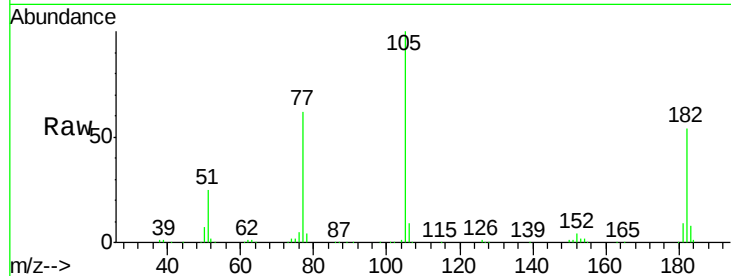
Ion Ratio Lower Upper

77 100

182 86.8 1.7 41.7#

105 161.8 3.0 43.0#

51 40.2 9.9 49.9

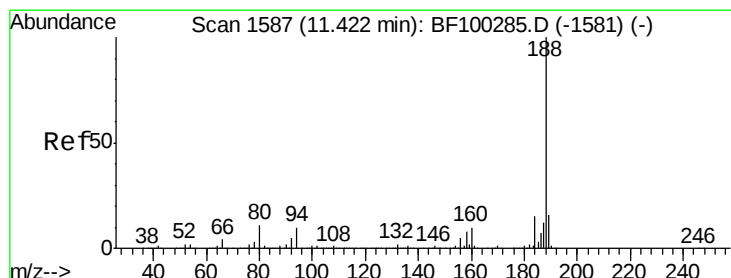
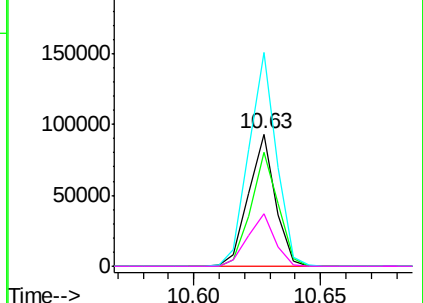


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

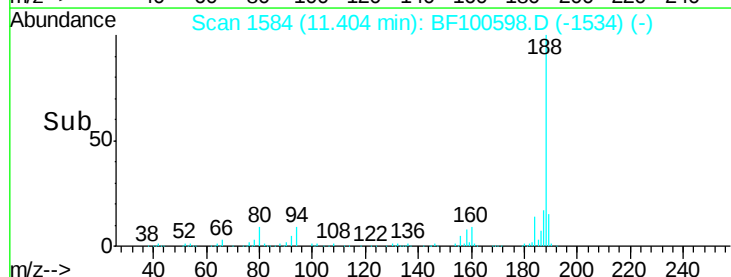
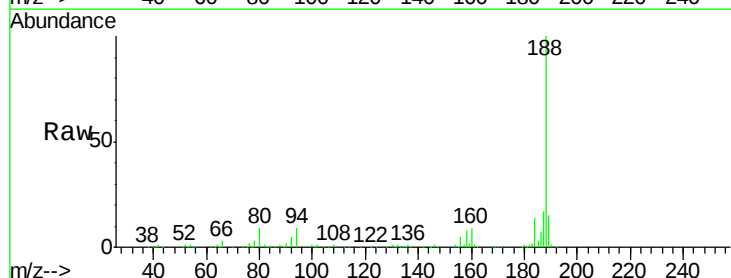
Tgt Ion: 188 Resp: 252245

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

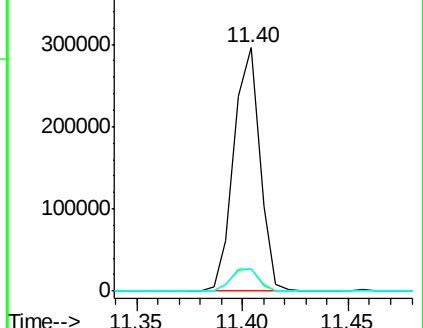
80 8.9 9.2 13.8#



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

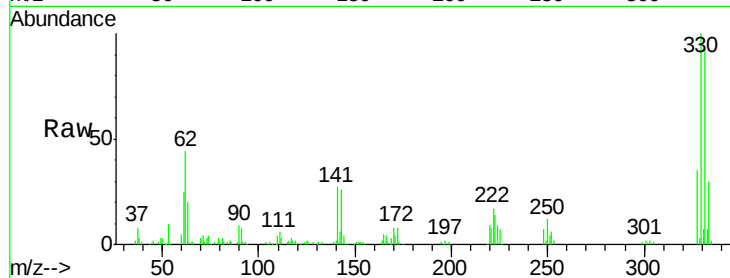




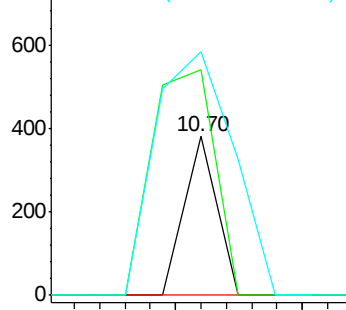
#64
4,6-Dinitro-2-methylphenol
Concen: 8.66 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.18 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

Instrument :
BNA_F
ClientSampleId :

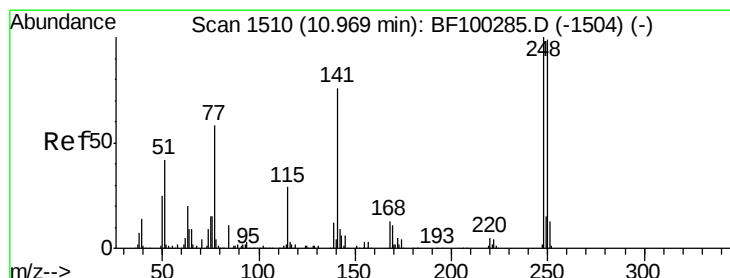
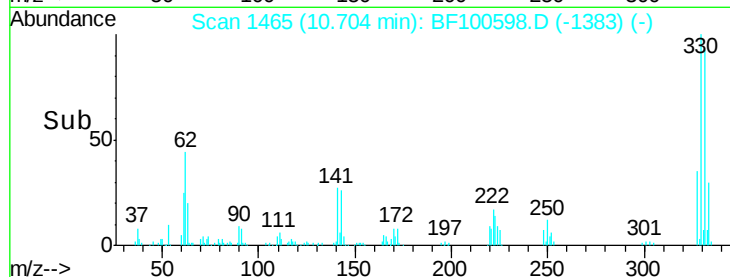
Tot Ion:198 Resp: 134
Ion Ratio Lower Upper
198 100
51 141.5 37.7 77.7#
105 153.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

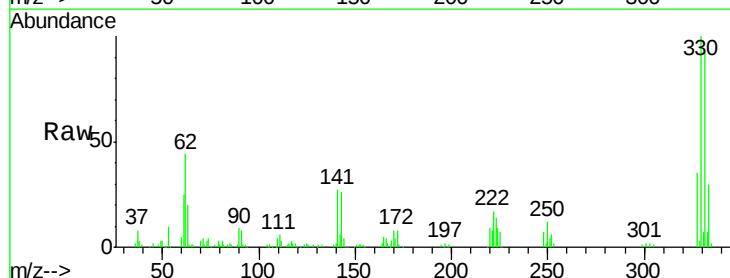


Time-->

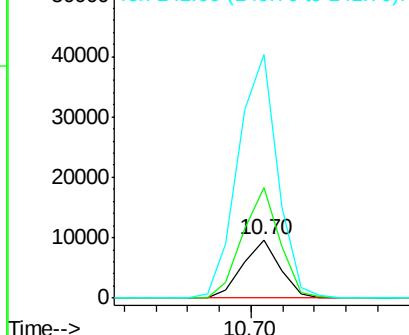


#66
4-Bromophenyl-phenylether
Concen: 2.86 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.25 min
Lab File: BF100598.D
Acq: 15 Nov 2017 19:47

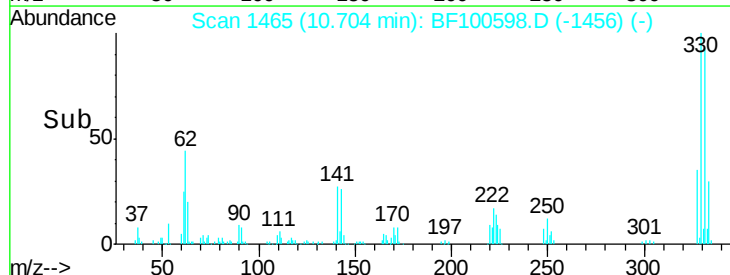
Tgt Ion:248 Resp: 7742
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 418.7 74.4 111.6#

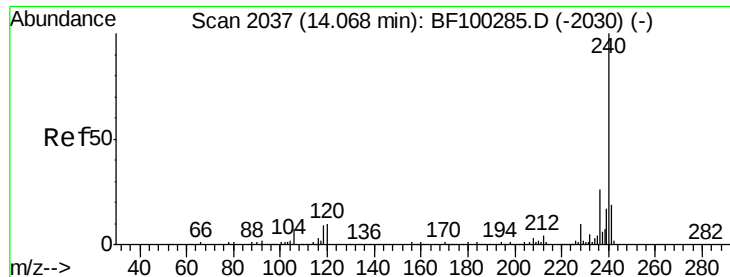


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

Instrument :

BNA_F

ClientSampleId :

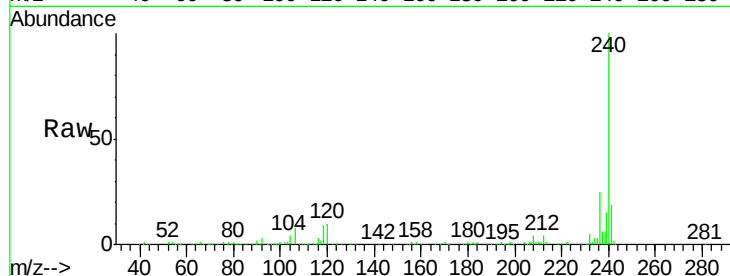
Tot Ion:240 Resp: 248950

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

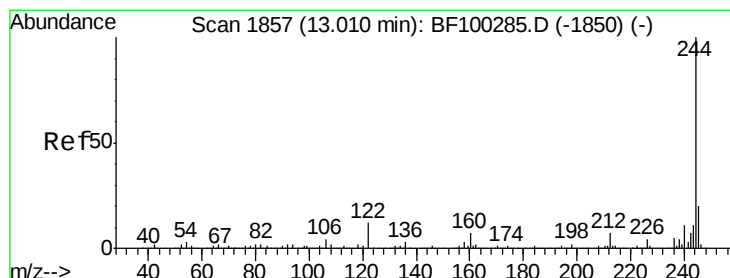
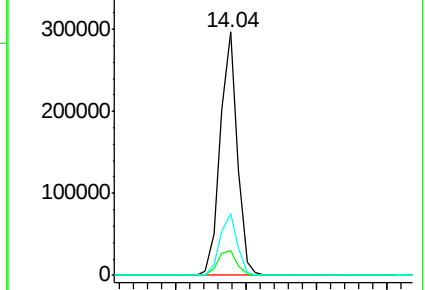
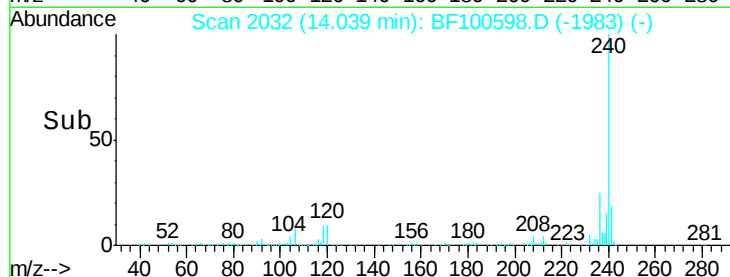
236 25.3 20.7 31.1



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: 38.71 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF100598.D

Acq: 15 Nov 2017 19:47

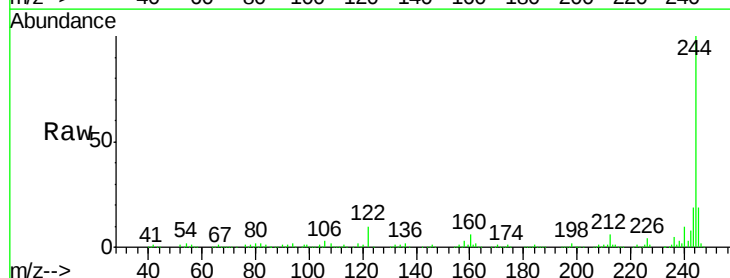
Tgt Ion:244 Resp: 419421

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

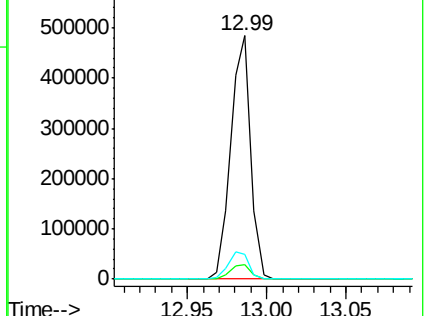
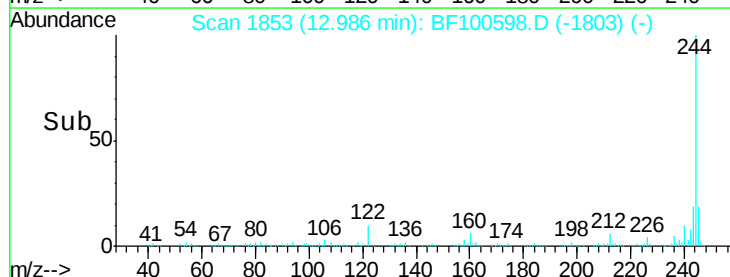
122 10.2 11.0 16.4#

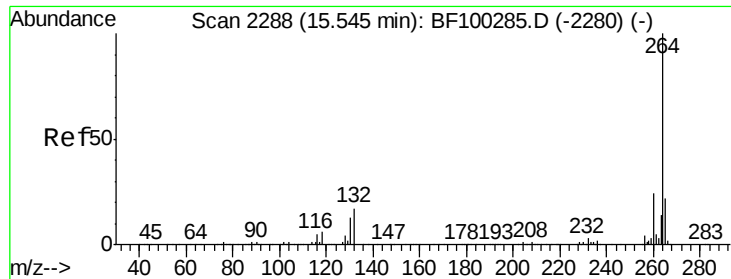


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

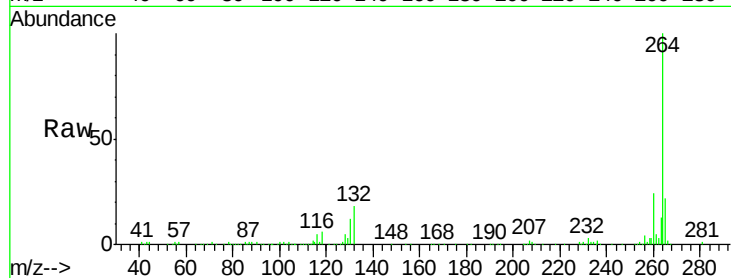




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.52 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF100598.D
 Acq: 15 Nov 2017 19:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	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

