

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107320.D
 Acq On : 12 Jul 2018 00:54
 Operator : JU/SJ
 Sample : J3931-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 12 07:15:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

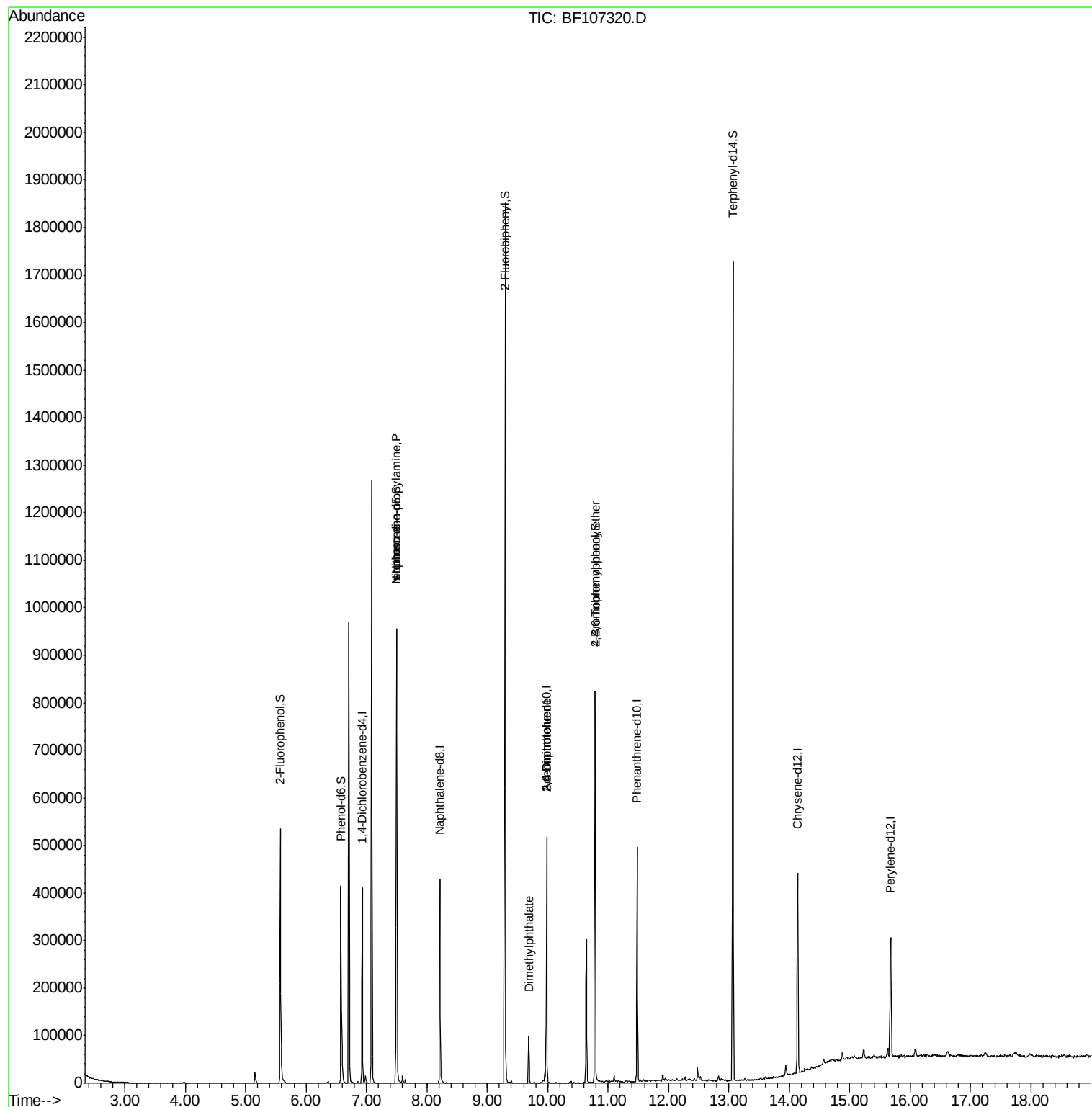
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	57474	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	218595	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	109302	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	203666	20.00	ng	0.00
75) Chrysene-d12	14.14	240	157909	20.00	ng	0.00
86) Perylene-d12	15.68	264	129795	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	171561	50.55	ng	0.00
7) Phenol-d6	6.58	99	150667	35.55	ng	0.00
23) Nitrobenzene-d5	7.50	82	369602	93.96	ng	0.00
41) 2,4,6-Tribromophenol	10.78	330	121603	95.99	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	645969	103.19	ng	0.00
78) Terphenyl-d14	13.07	244	735651	112.85	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	47257	16.914	ng	# 73
25) Isophorone	7.50	82	369636	53.329	ng	# 64
49) Dimethylphthalate	9.69	163	44961	5.485	ng	# 98
50) 2,6-Dinitrotoluene	9.98	165	13725	7.907	ng	# 24
56) 2,4-Dinitrotoluene	9.98	165	13725	6.057	ng	# 21
66) 4-Bromophenyl-phenylether	10.78	248	7415	3.051	ng	# 1

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

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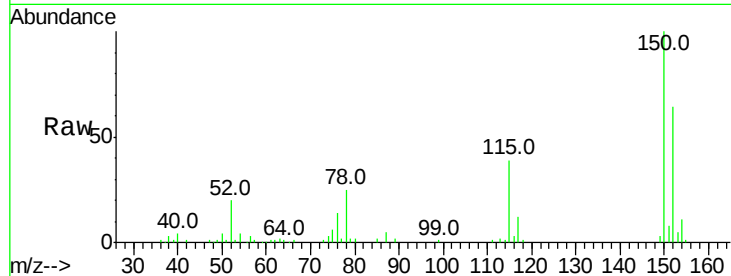


#1

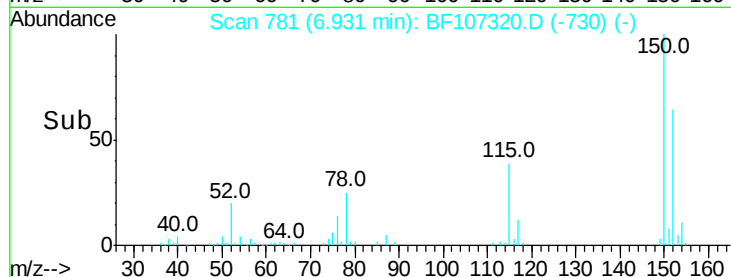
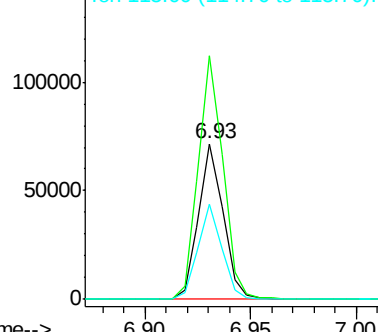
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Instrument :
BNA_M
ClientSampled :

Tot Ion:152 Resp: 57474
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 61.5 50.1 75.1



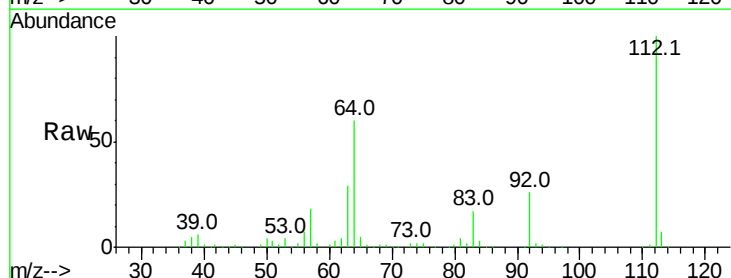
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



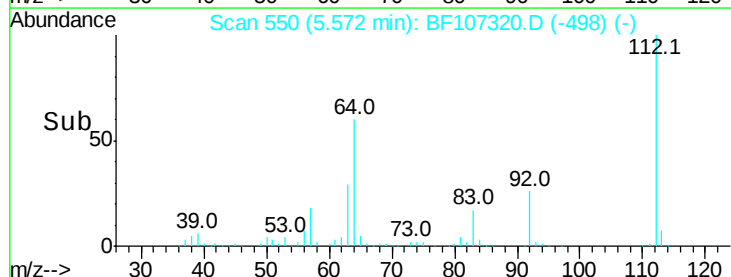
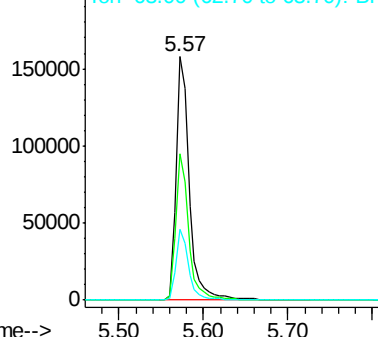
#5

2-Fluorophenol
Concen: 50.546 ng
RT: 5.57 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Tgt Ion:112 Resp: 171561
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 29.1 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: 35.546 ng

RT: 6.58 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

Instrument :

BNA_M

ClientSampleId :

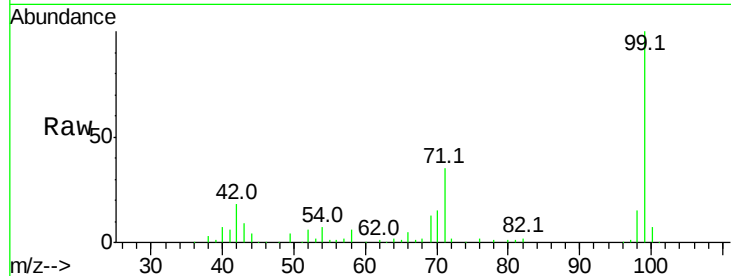
Tot Ion: 99 Resp: 150667

Ion Ratio Lower Upper

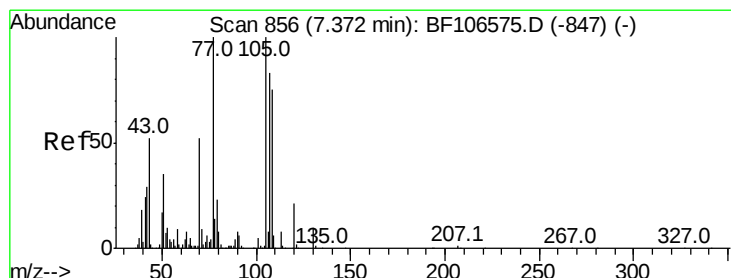
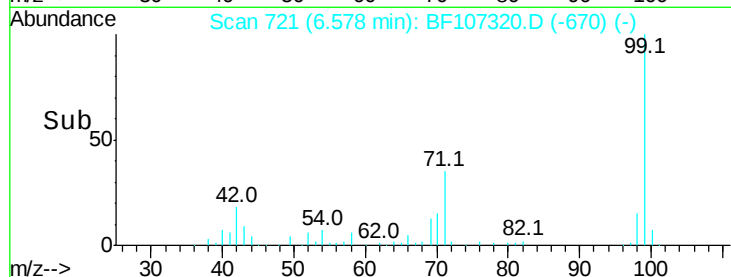
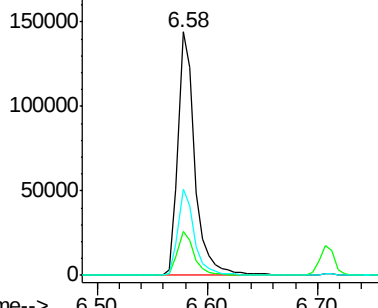
99 100

42 18.2 14.5 21.7

71 35.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 16.914 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.16 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

Tgt Ion: 70 Resp: 47257

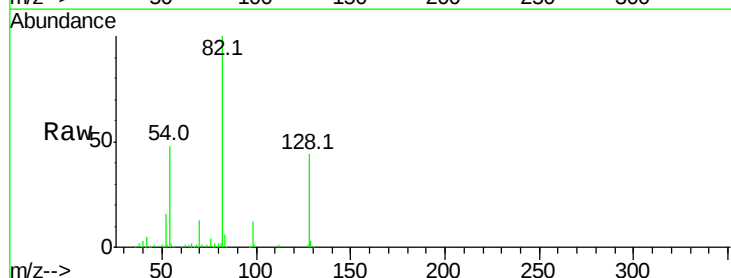
Ion Ratio Lower Upper

70 100

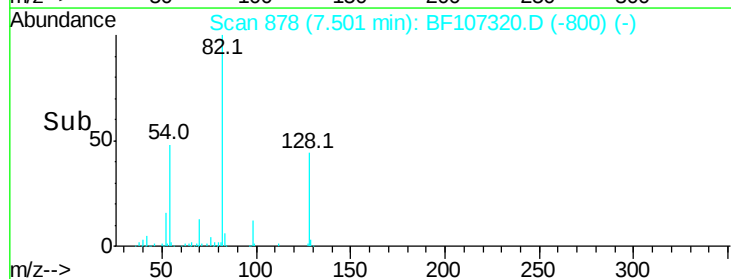
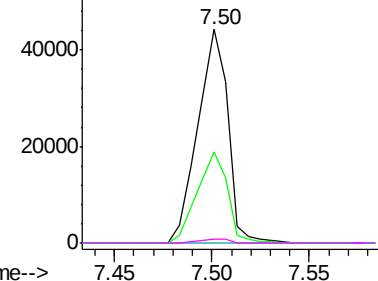
42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

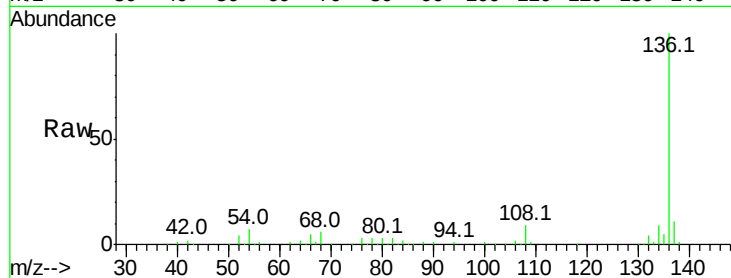




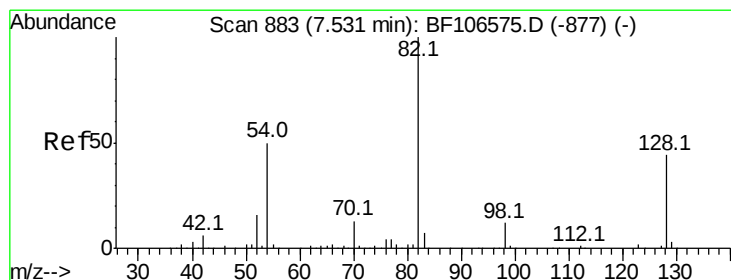
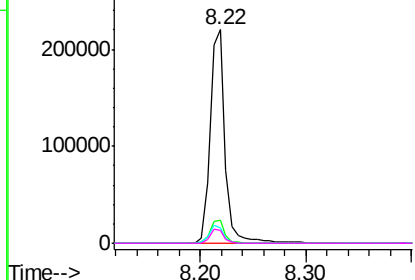
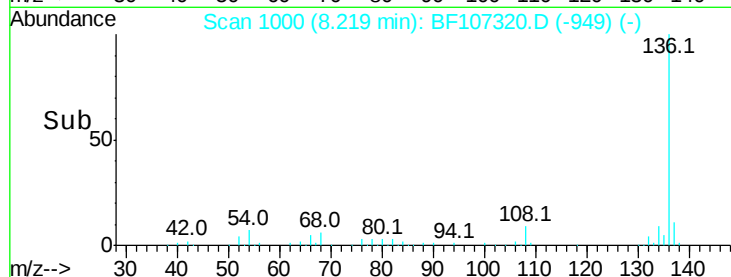
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	218595
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.2	6.6	9.8
68	6.1	5.0	7.4

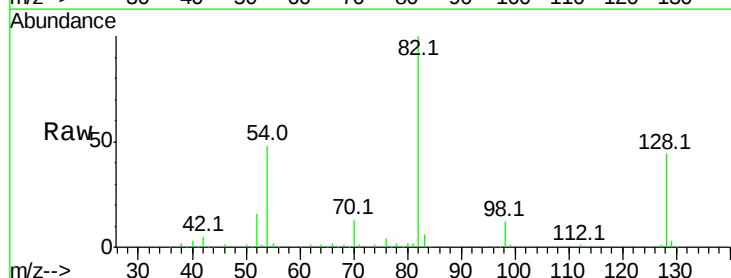


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

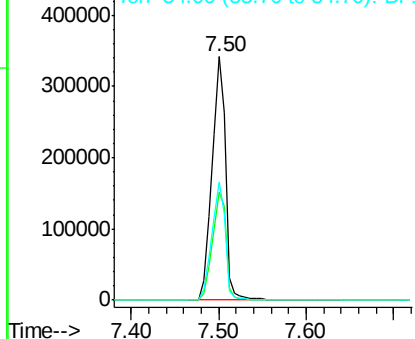
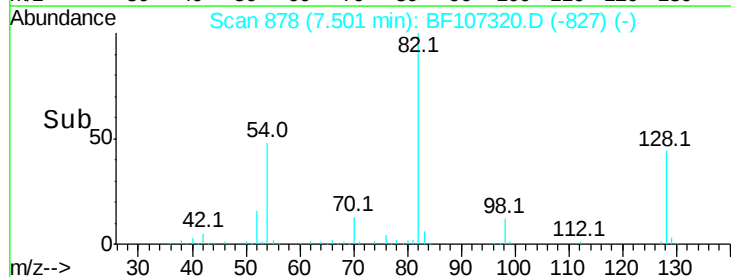


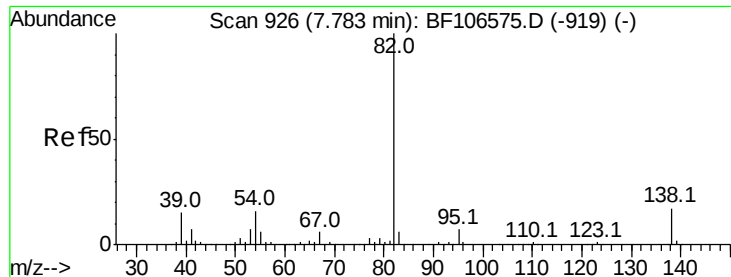
#23
Nitrobenzene-d5
Concen: 93.964 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Tgt Ion:	82	Resp:	369602
Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	48.3	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

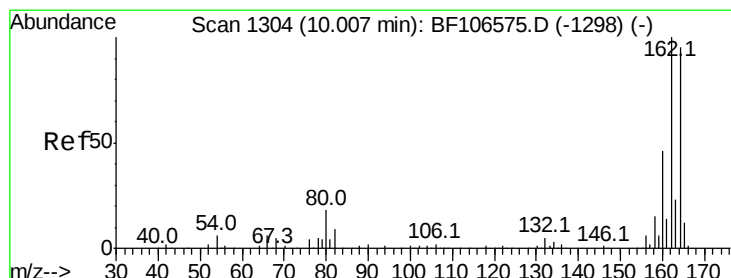
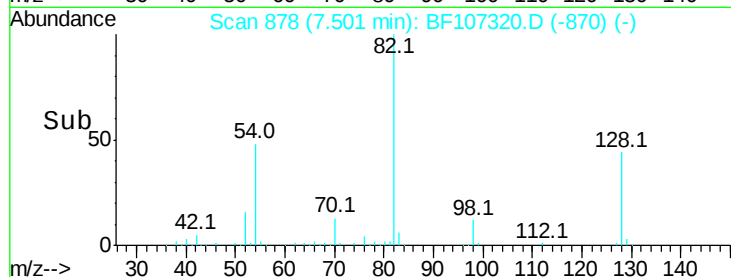
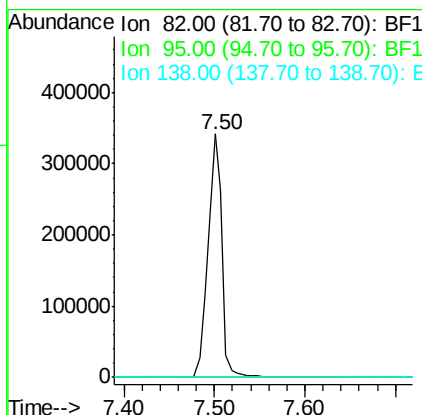
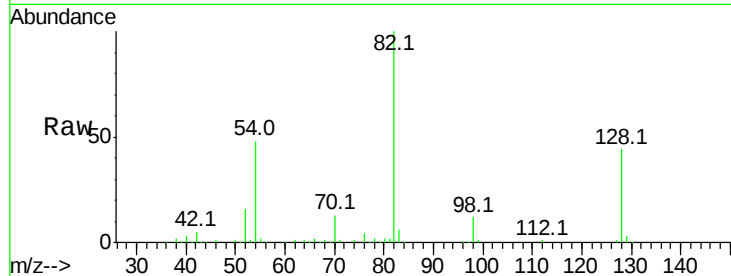




#25
Isophorone
Concen: 53.329 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.25 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

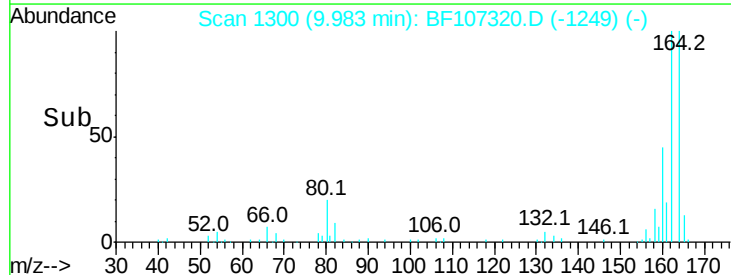
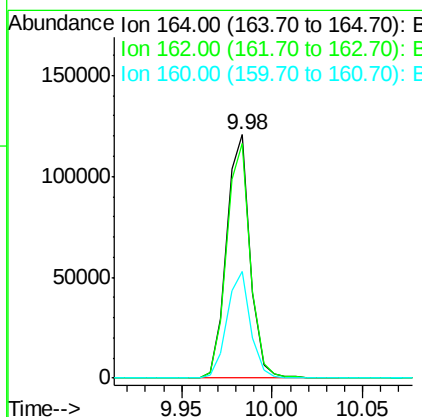
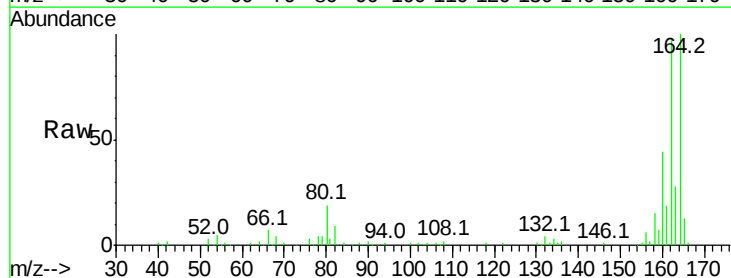
Instrument :
BNA_M
ClientSampled :

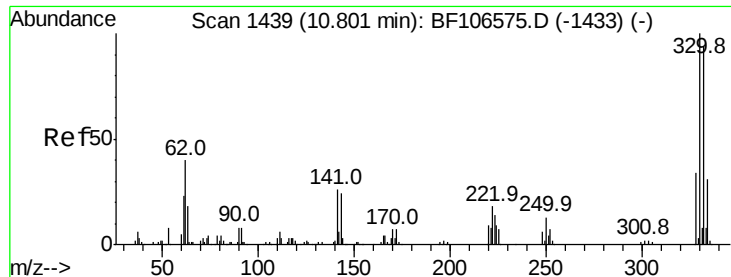
Tot Ion: 82 Resp: 369636
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Tgt Ion:164 Resp: 109302
Ion Ratio Lower Upper
164 100
162 96.6 86.1 129.1
160 43.7 38.3 57.5

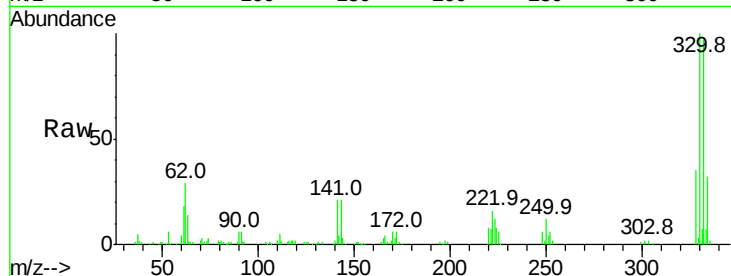




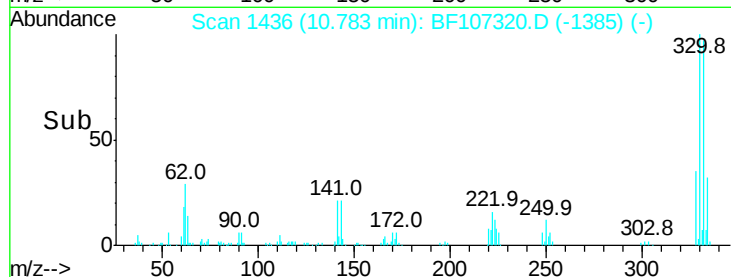
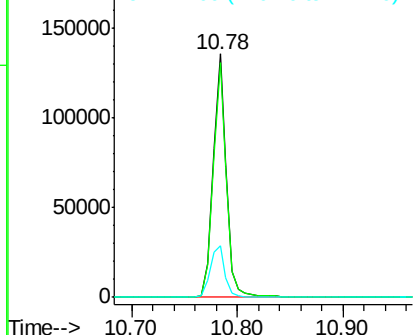
#41
 2,4,6-Tribromophenol
 Concen: 95.989 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.00 min
 Lab File: BF107320.D
 Acq: 12 Jul 2018 00:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	23.2	29.9	44.9

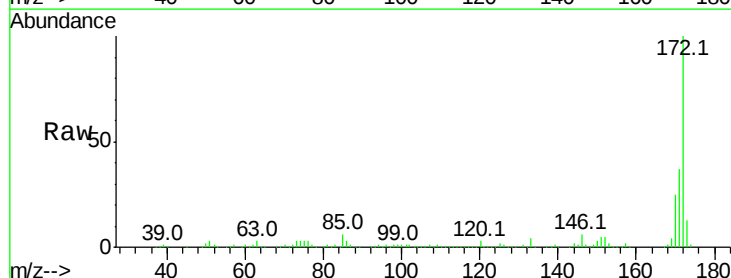


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

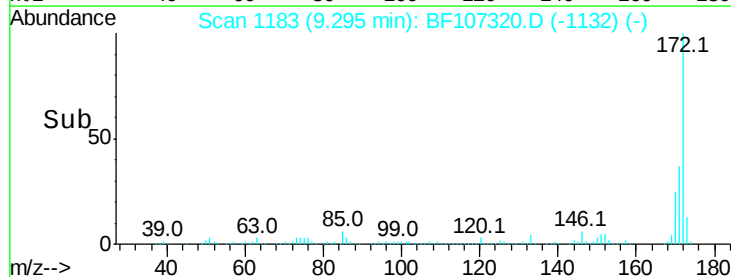
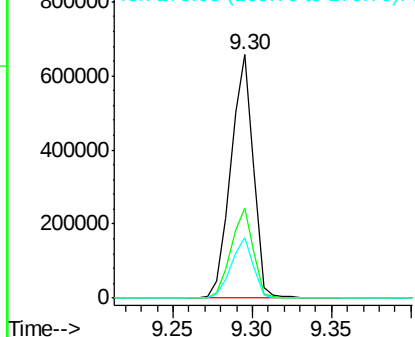


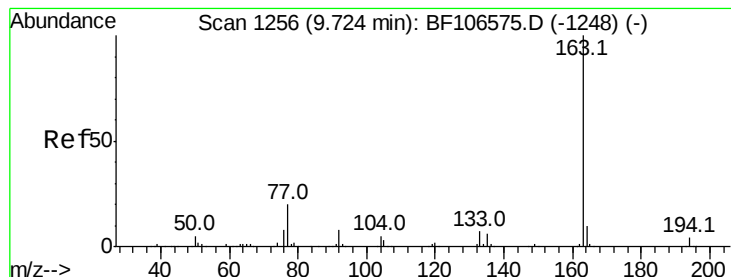
#44
 2-Fluorobiphenyl
 Concen: 103.190 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107320.D
 Acq: 12 Jul 2018 00:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	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: 5.485 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

Instrument :

BNA_M

ClientSampleId :

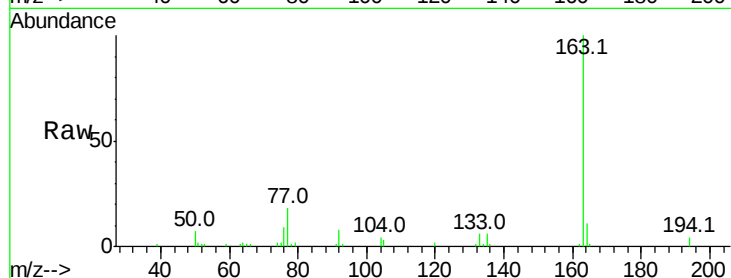
Tot Ion:163 Resp: 44961

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1#

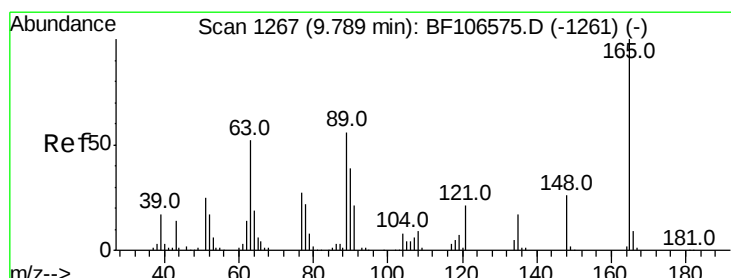
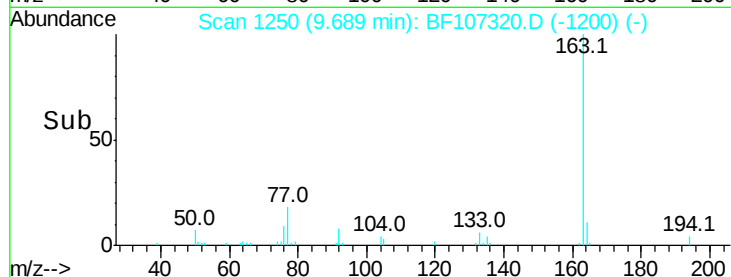
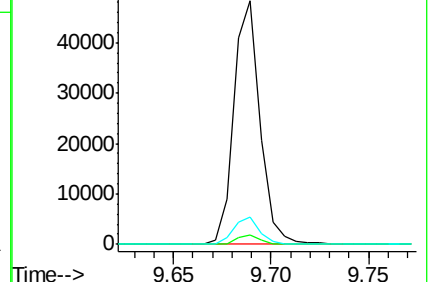
164 11.1 8.2 12.2



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: 7.907 ng

RT: 9.98 min Scan# 1300

Delta R.T. 0.21 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

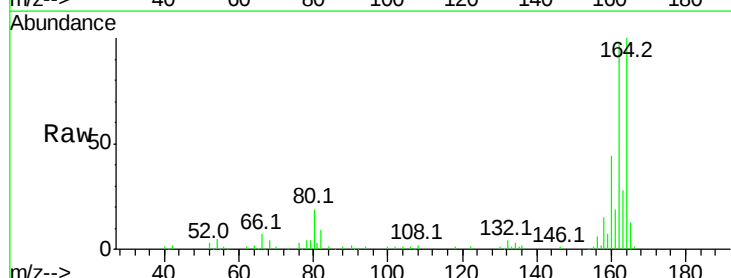
Tgt Ion:165 Resp: 13725

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

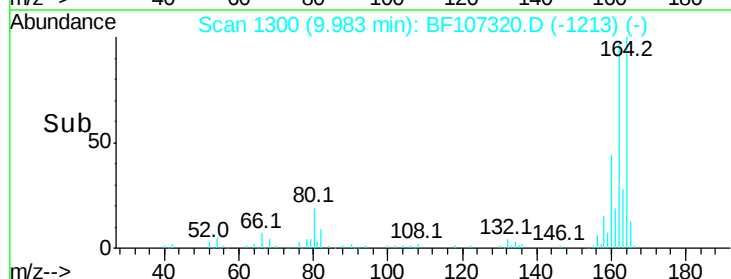
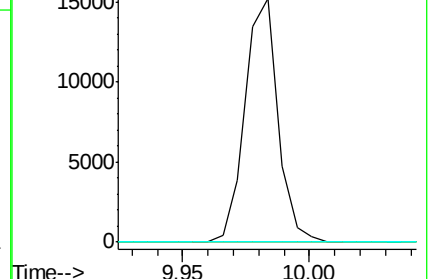
89 0.0 44.0 66.0#



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: 6.057 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.20 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

Instrument :

BNA_M

ClientSampleId :

Tot Ion:165 Resp: 13725

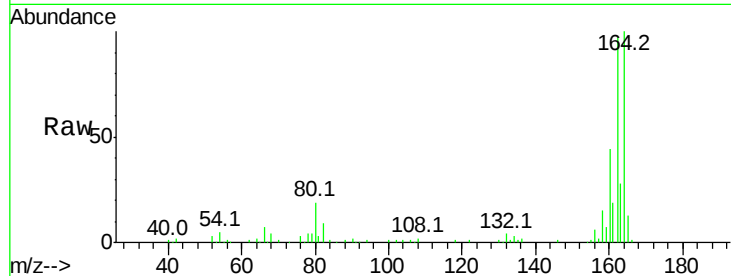
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

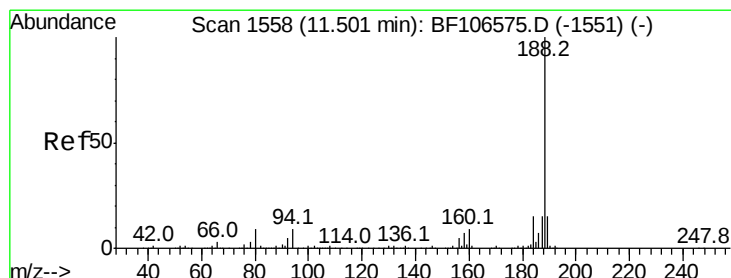
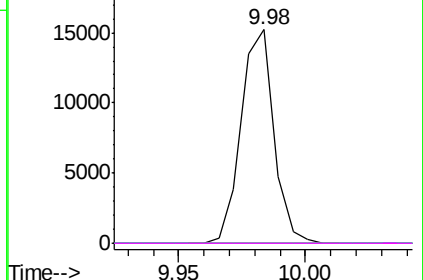
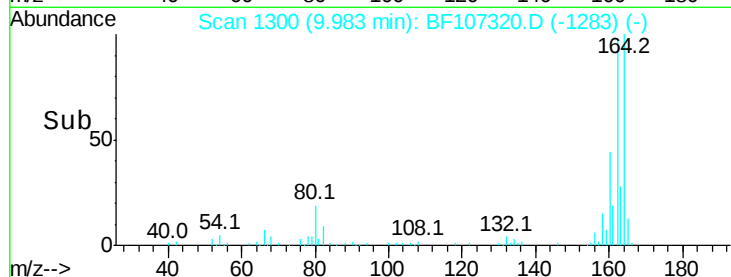


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF107320.D

Acq: 12 Jul 2018 00:54

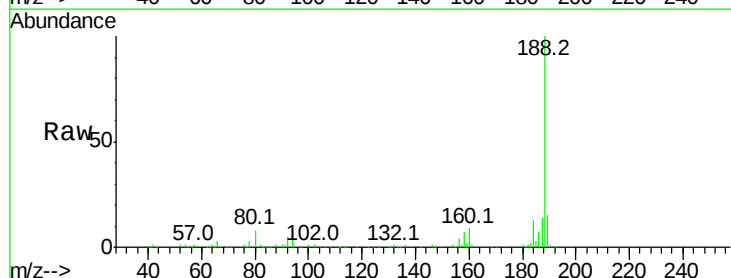
Tgt Ion:188 Resp: 203666

Ion Ratio Lower Upper

188 100

94 8.0 8.5 12.7#

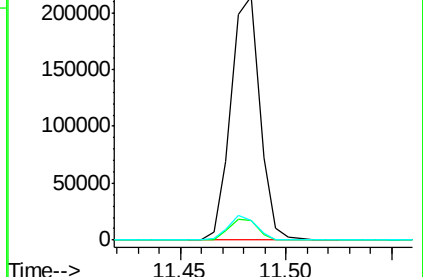
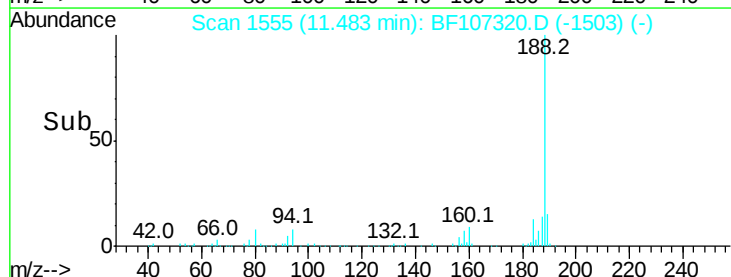
80 8.2 9.2 13.8#



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

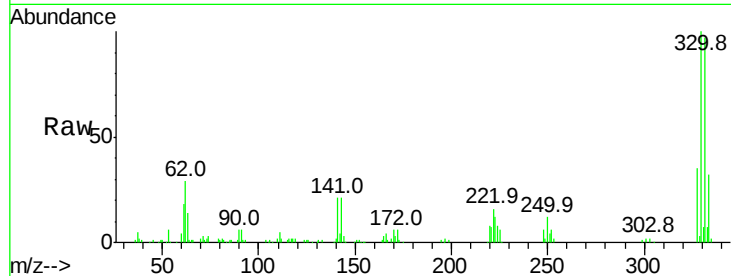




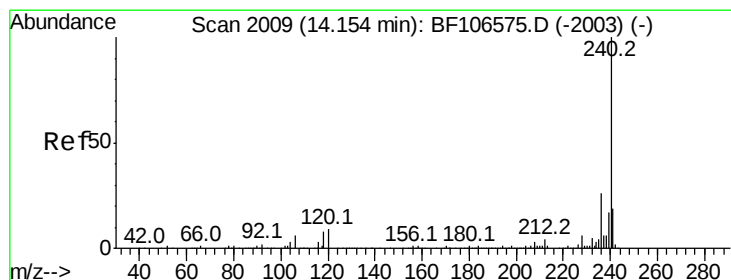
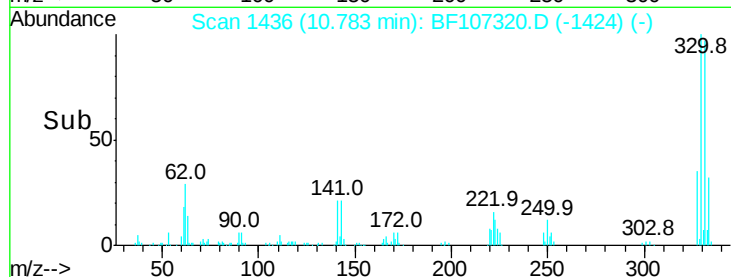
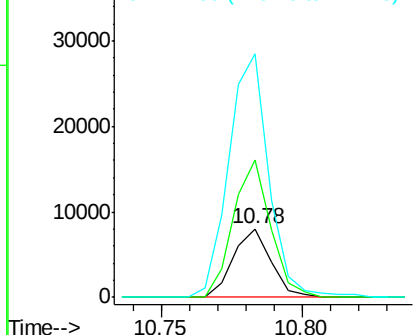
#66
4-Bromophenyl-phenylether
Concen: 3.051 ng
RT: 10.78 min Scan# 1436
Delta R.T. -0.23 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Instrument :
BNA_M
ClientSampleId :

Tot Ion:248 Resp: 7415
Ion Ratio Lower Upper
248 100
250 200.5 76.9 115.3#
141 355.9 74.4 111.6#

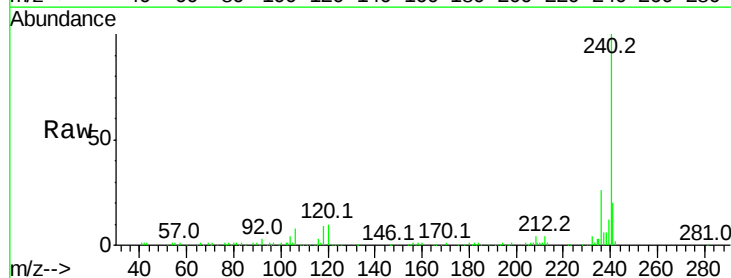


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

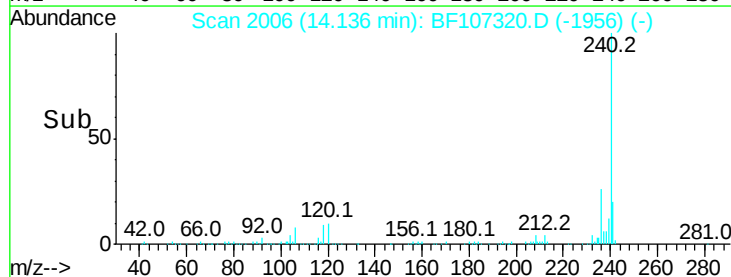
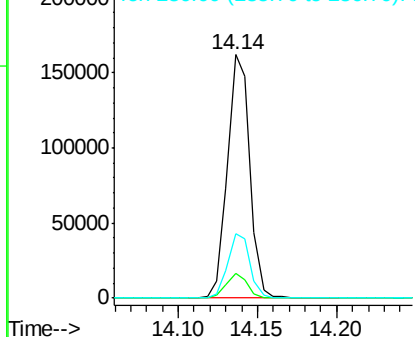


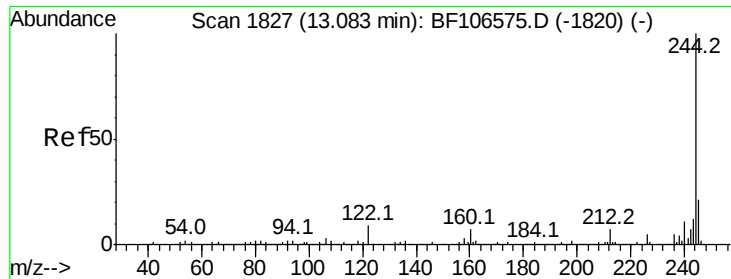
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF107320.D
Acq: 12 Jul 2018 00:54

Tgt Ion:240 Resp: 157909
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.3 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

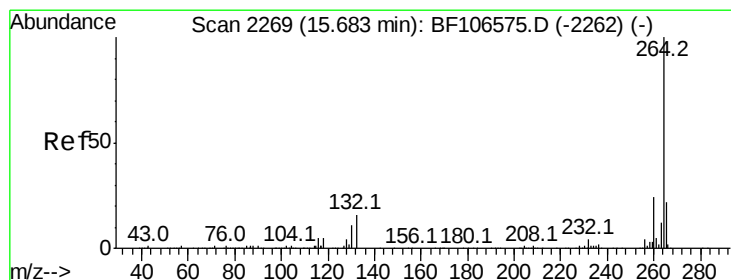
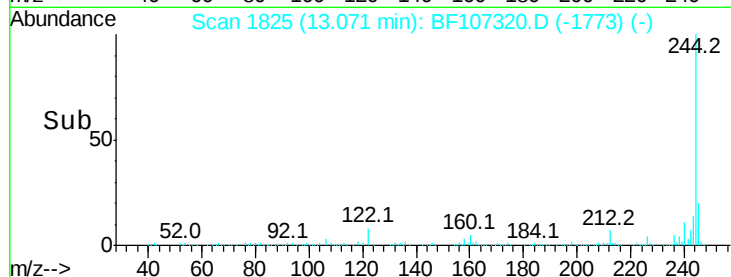
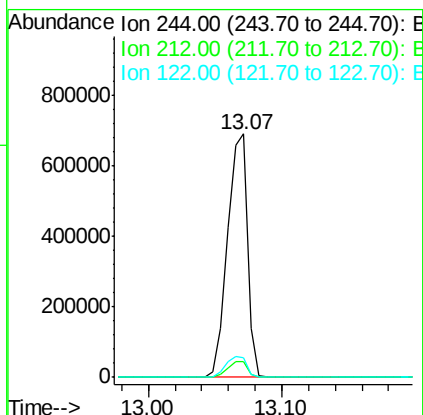
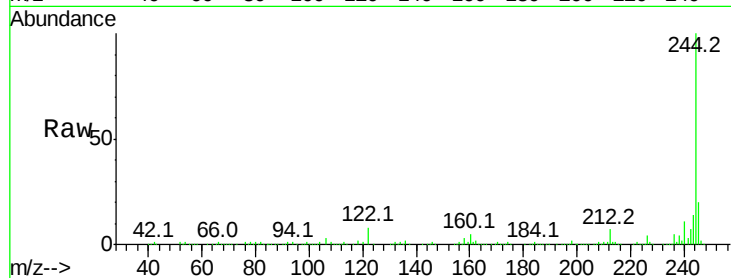




#78
 Terphenyl-d14
 Concen: 112.848 ng
 RT: 13.07 min Scan# 1825
 Delta R.T. 0.01 min
 Lab File: BF107320.D
 Acq: 12 Jul 2018 00:54

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:244 Resp: 735651
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.0
 122 7.9 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.00 min
 Lab File: BF107320.D
 Acq: 12 Jul 2018 00:54

Tgt Ion:264 Resp: 129795
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.4 17.5 26.3

