

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
 Data File : BF110007.D
 Acq On : 19 Oct 2018 17:21
 Operator : JU/SJ
 Sample : J5538-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 20 00:08:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

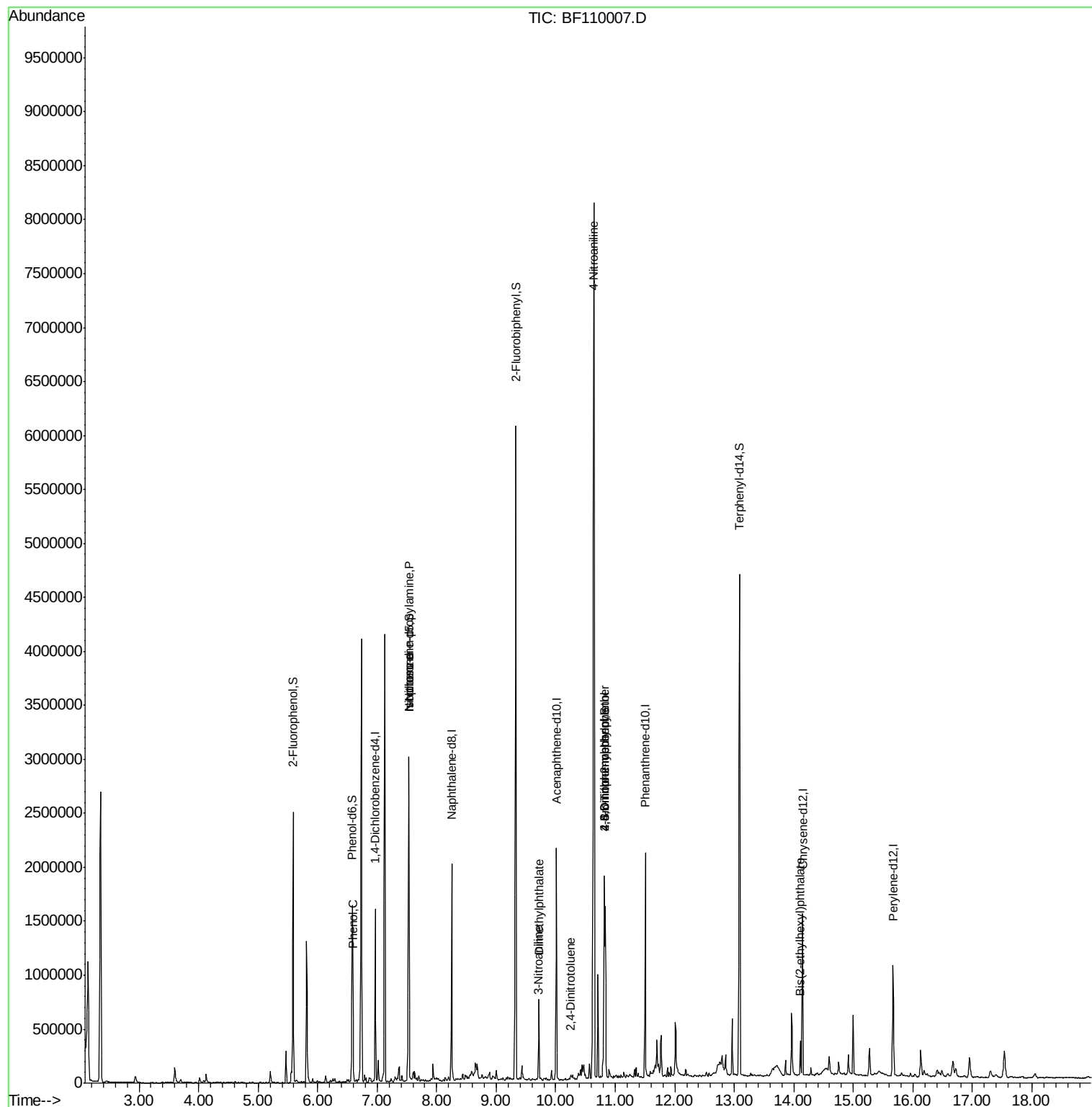
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	221094	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	867460	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	397701	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	710382	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	463635	20.00	ng	-0.02
87) Perylene-d12	15.67	264	351669	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	699351	50.14	ng	-0.01
7) Phenol-d6	6.58	99	562218	32.46	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1072737	83.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.82	330	430887	125.14	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	1859478	74.61	ng	-0.01
79) Terphenyl-d14	13.09	244	1639037	74.24	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	169212	9.049	ng	# 60
19) n-Nitroso-di-n-propylamine	7.53	70	144451	12.990	ng	# 80
25) Isophorone	7.53	82	1069253	42.259	ng	# 67
50) Dimethylphthalate	9.72	163	256809	9.119	ng	100
53) 3-Nitroaniline	9.70	138	22492	3.457	ng	# 20
57) 2,4-Dinitrotoluene	10.26	165	2212	4.879	ng	# 33
62) 4-Nitroaniline	10.64	138	24335	3.951	ng	# 35
65) 4,6-Dinitro-2-methylphenol	10.81	198	1032	8.239	ng	# 1
67) 4-Bromophenyl-phenylether	10.82	248	27942	3.629	ng	# 1
84) Bis(2-ethylhexyl)phthalate	14.11	149	85051	4.695	ng	95

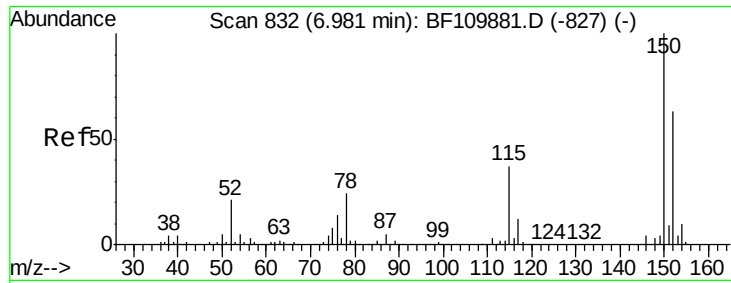
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101918\
Data File : BF110007.D
Acq On : 19 Oct 2018 17:21
Operator : JU/SJ
Sample : J5538-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 20 00:08:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration



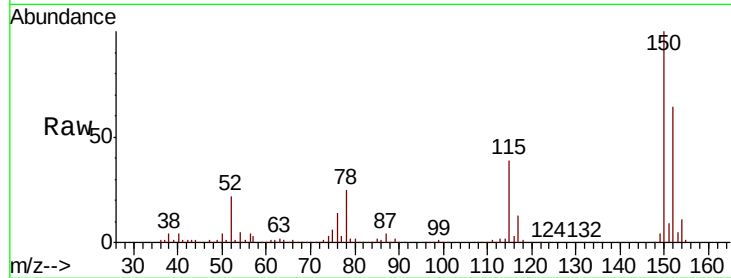


#1

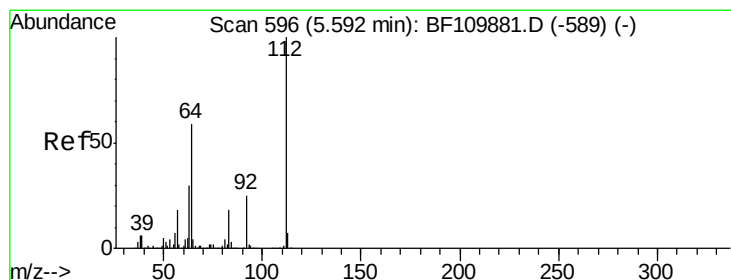
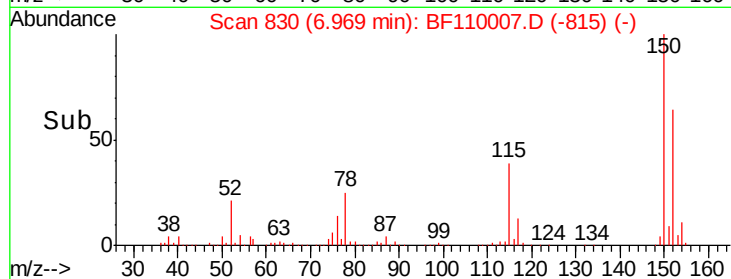
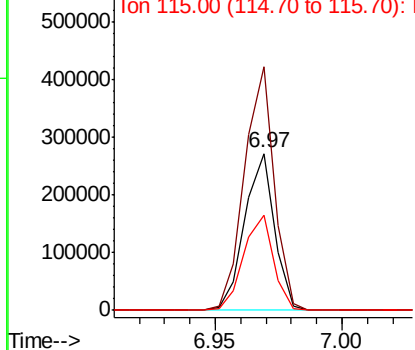
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.7	184.1
115	60.5	49.1	73.7



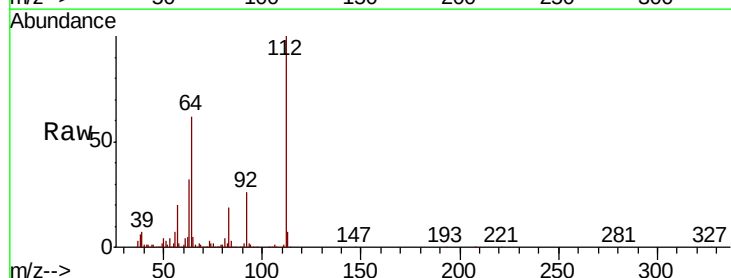
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



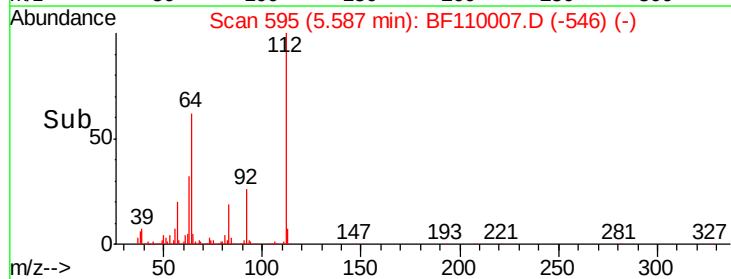
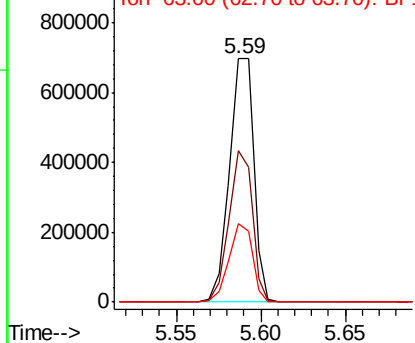
#5

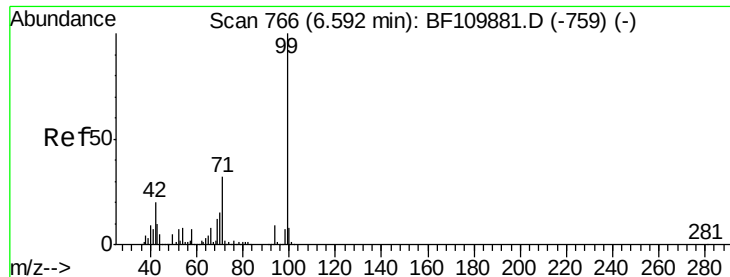
2-Fluorophenol
Concen: 50.140 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	44.1	66.1
63	32.1	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: 32.461 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

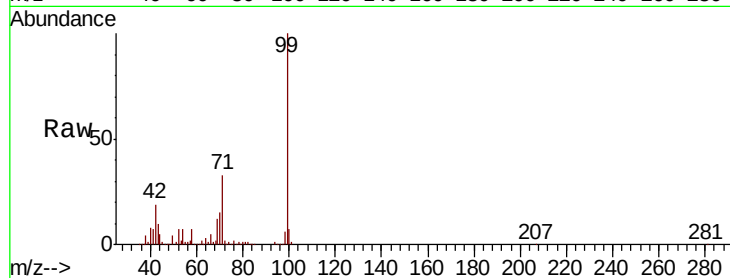
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 562218

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.8	23.6
71	33.2	28.0	42.0

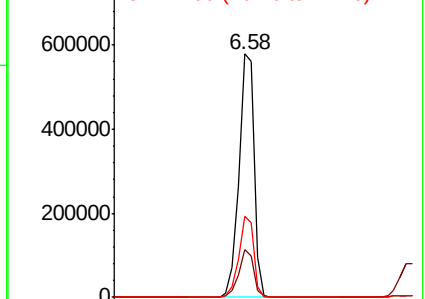
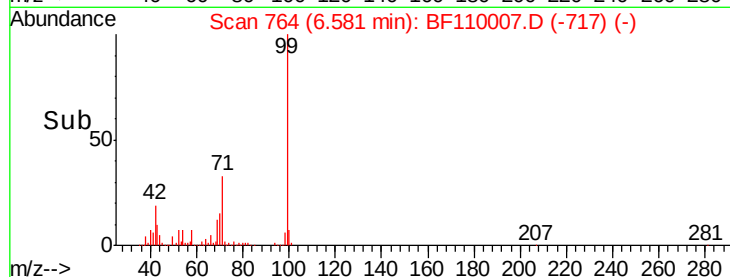


Abundance

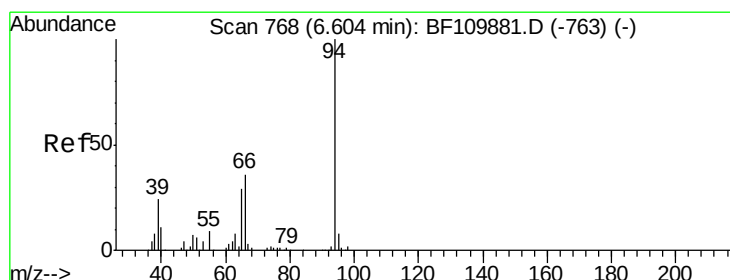
Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



Time-->



#10

Phenol

Concen: 9.049 ng

RT: 6.60 min Scan# 767

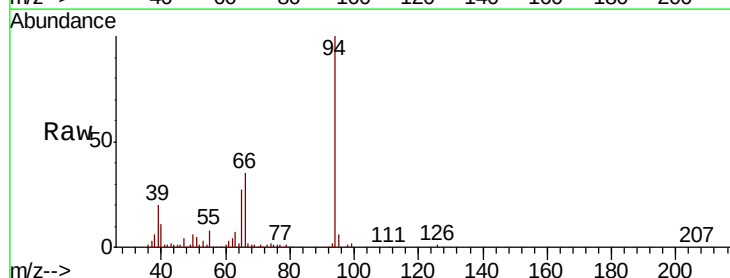
Delta R.T. -0.02 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

Tgt Ion: 94 Resp: 169212

Ion	Ratio	Lower	Upper
94	100		
65	27.0	25.3	65.3
66	34.9	54.5	94.5#

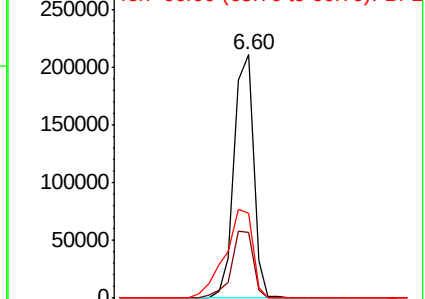
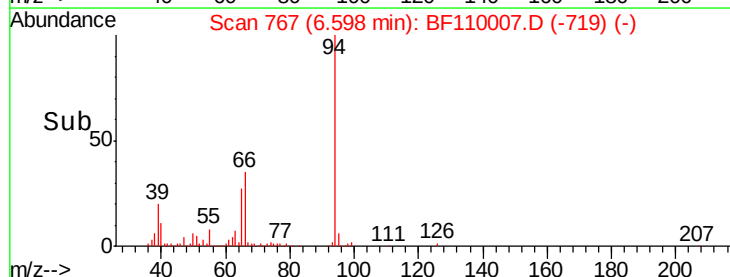


Abundance

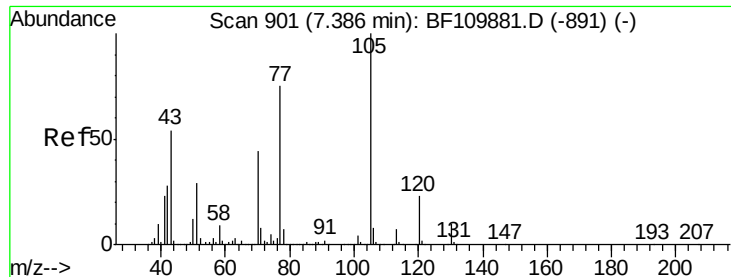
Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



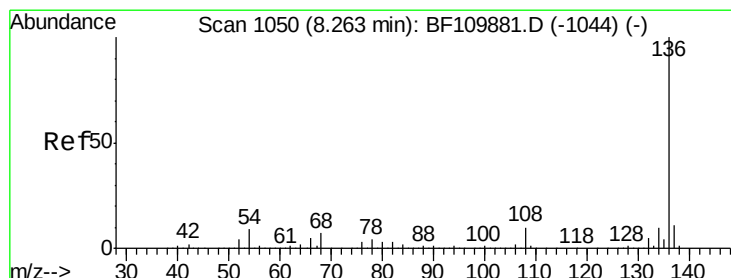
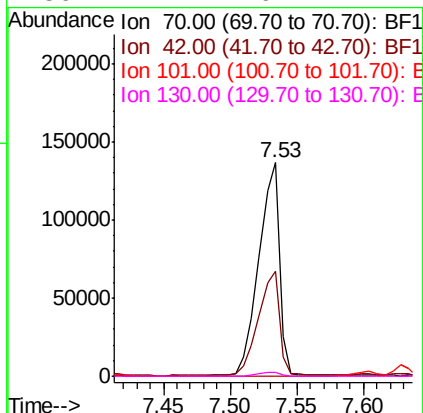
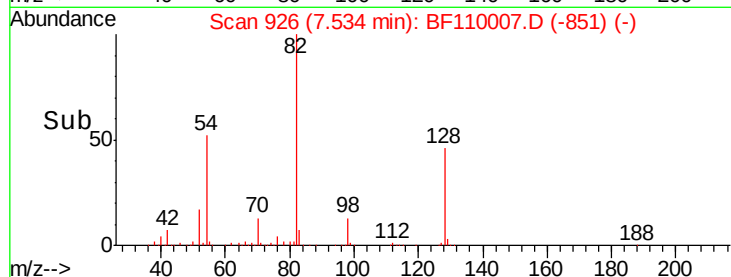
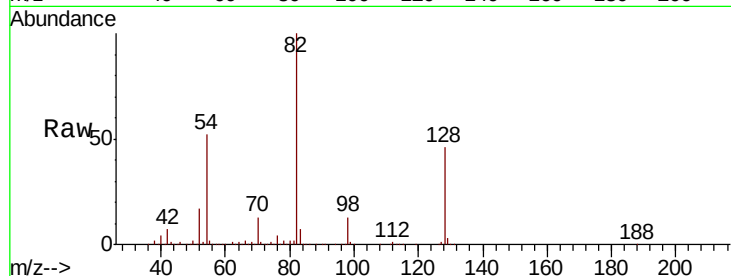
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 12.990 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.14 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

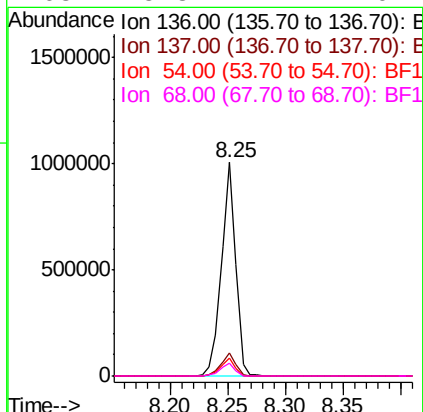
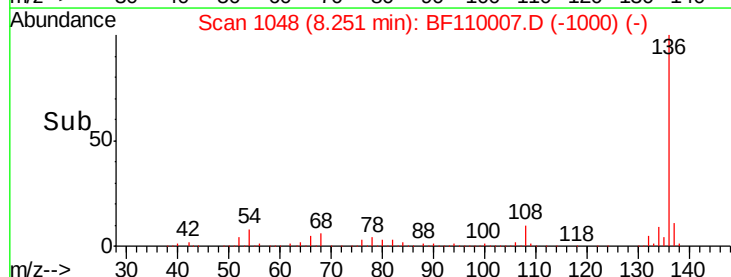
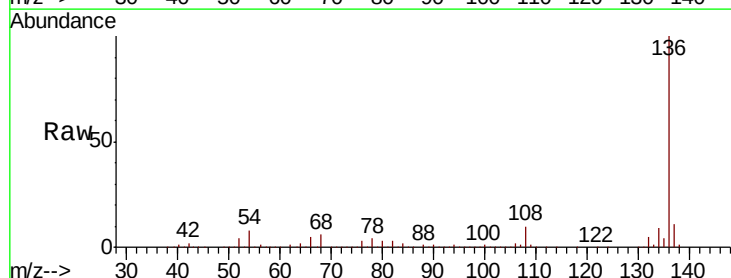
Instrument :
BNA_F
ClientSampleId :

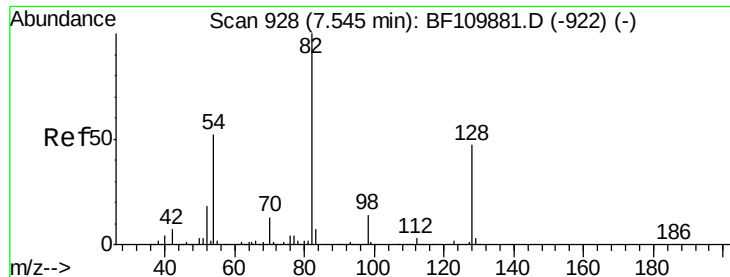
Tot Ion: 70 Resp: 144451
Ion Ratio Lower Upper
70 100
42 49.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.1 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Tgt Ion:136 Resp: 867460
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 5.4 8.2#
68 5.8 4.2 6.2



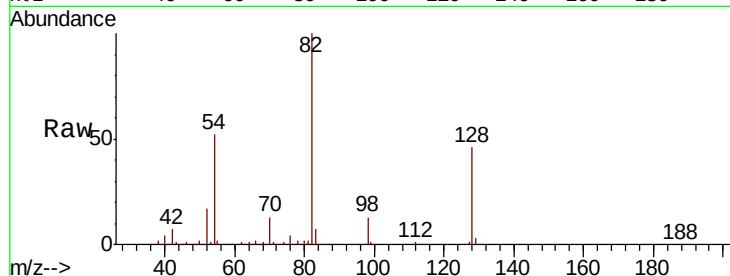


#23
 Nitrobenzene-d5
 Concen: 83.305 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

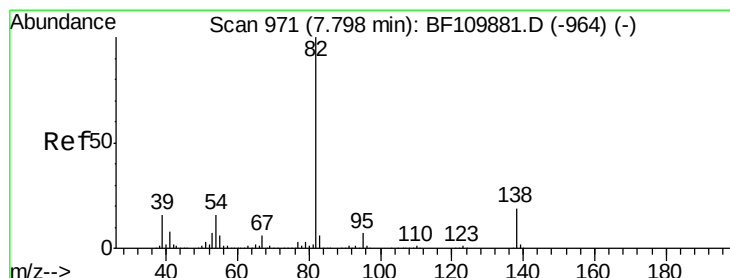
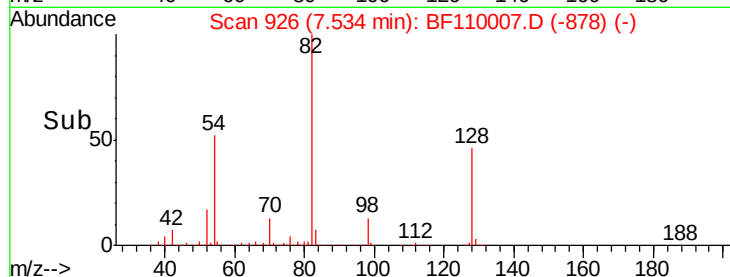
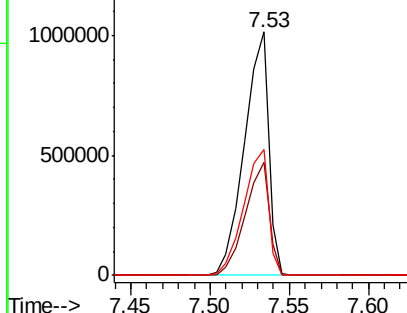
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 1072737

Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.2	51.2
54	51.9	38.6	58.0



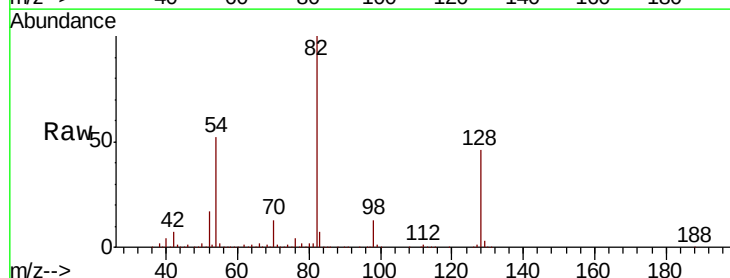
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



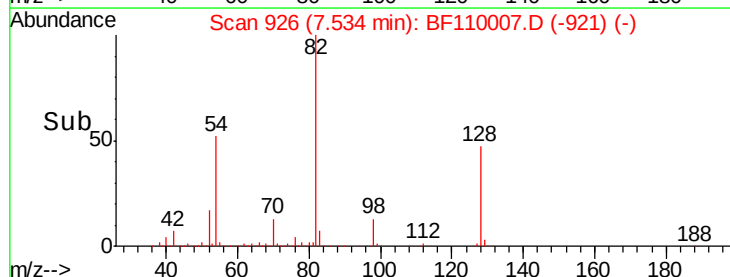
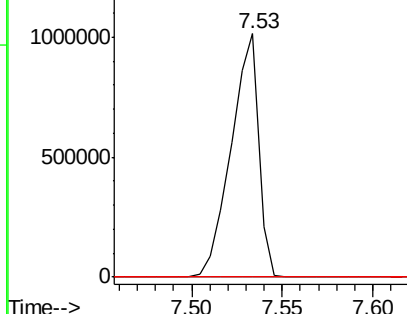
#25
 Isophorone
 Concen: 42.259 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.27 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

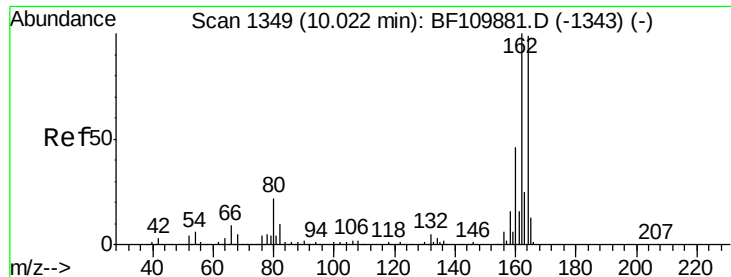
Tgt Ion: 82 Resp: 1069253

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#



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

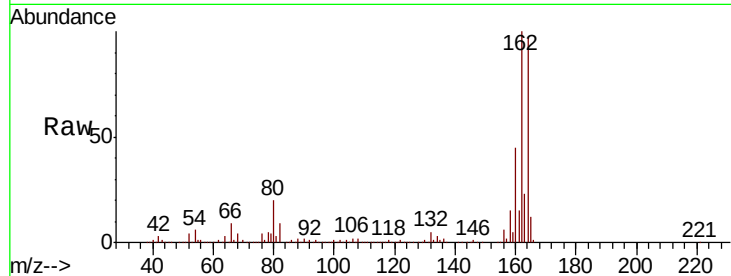




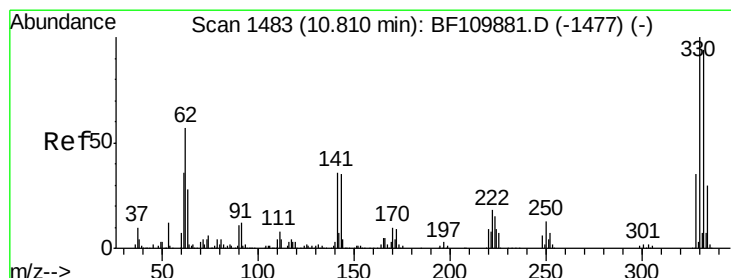
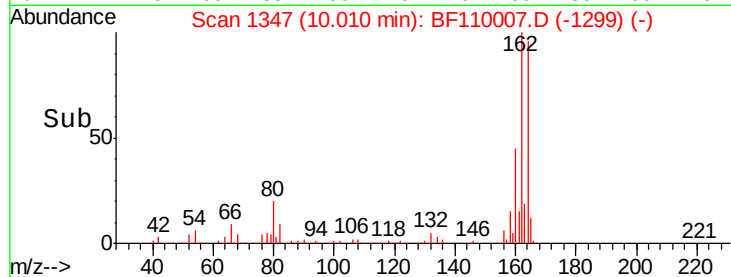
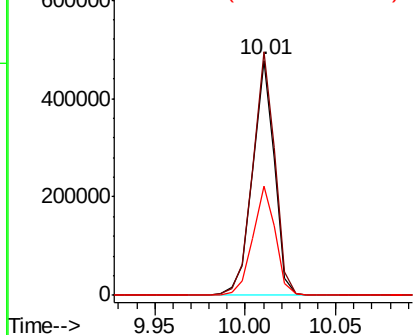
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 397701
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 46.3 37.0 55.6

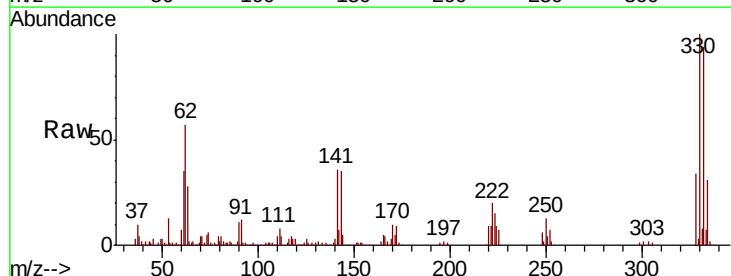


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

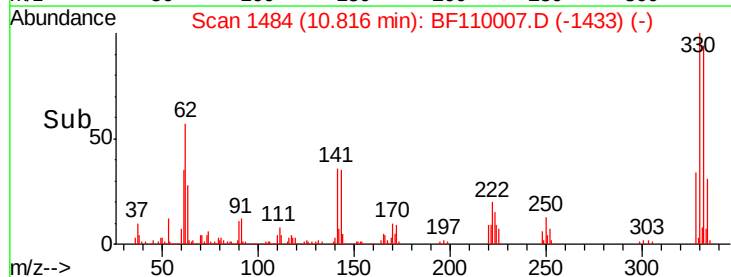
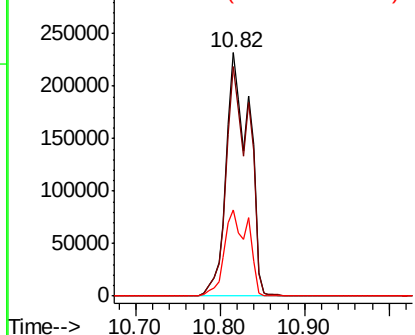


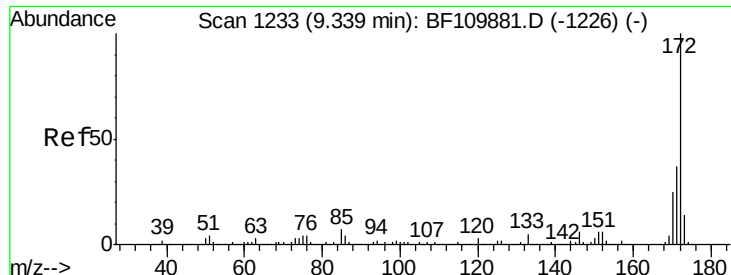
#42
2,4,6-Tribromophenol
Concen: 125.142 ng
RT: 10.82 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Tgt Ion:330 Resp: 430887
Ion Ratio Lower Upper
330 100
332 95.3 77.1 115.7
141 36.7 27.0 40.4



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



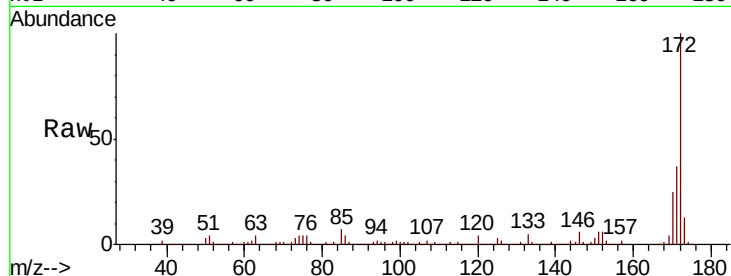


#45
 2-Fluorobiphenyl
 Concen: 74.606 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

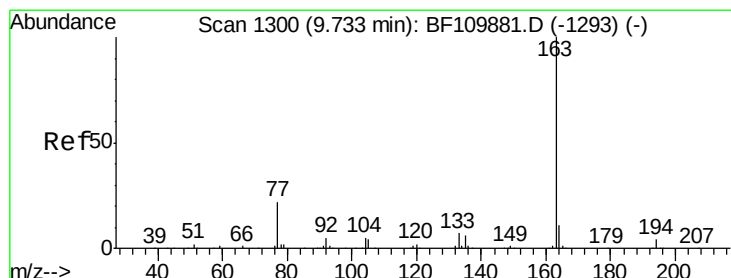
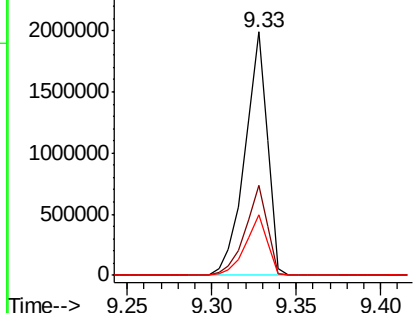
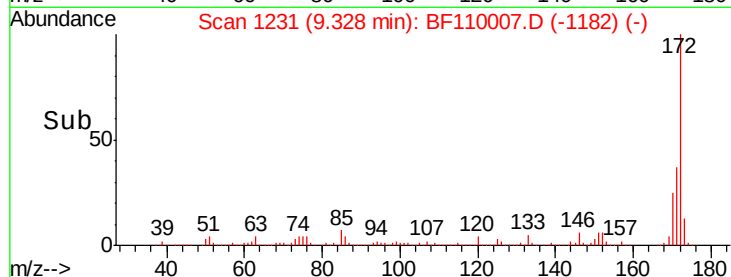
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1859478

Ion	Ratio	Lower	Upper
172	100		
171	37.0	28.6	43.0
170	24.8	19.7	29.5



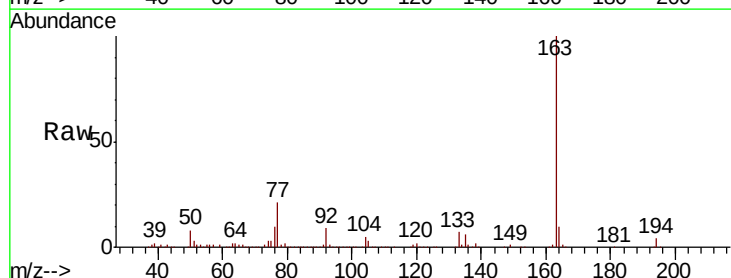
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



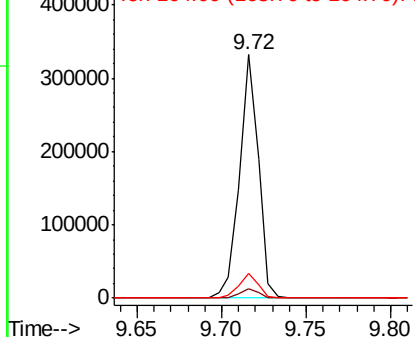
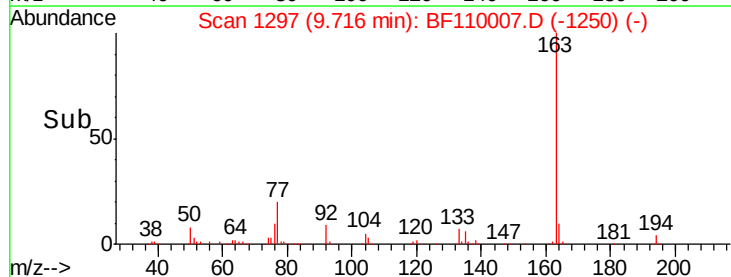
#50
 Dimethylphthalate
 Concen: 9.119 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

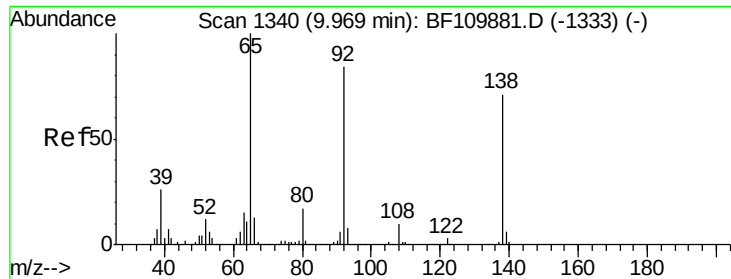
Tgt Ion:163 Resp: 256809

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.2	4.8
164	10.1	8.1	12.1



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

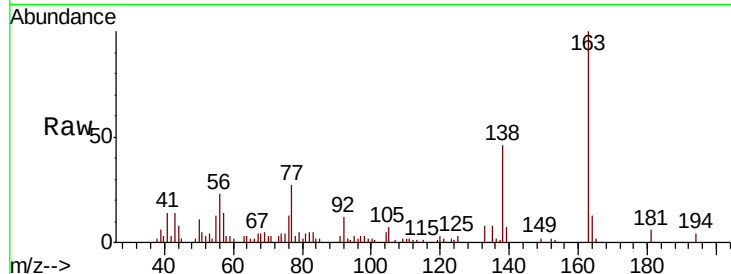




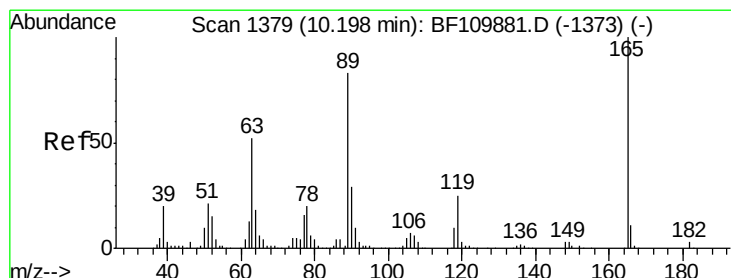
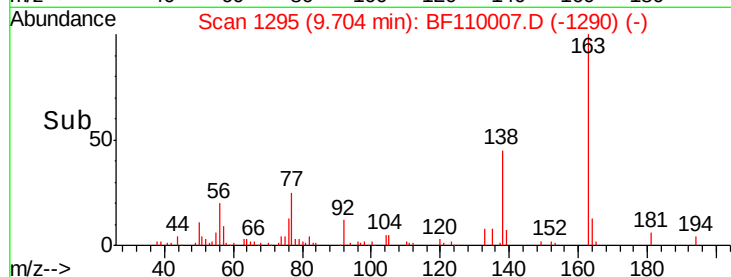
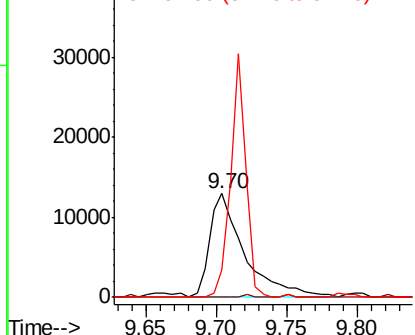
#53
3-Nitroaniline
Concen: 3.457 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.27 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 22492
Ion Ratio Lower Upper
138 100
108 0.0 8.7 13.1#
92 26.1 97.0 145.4#

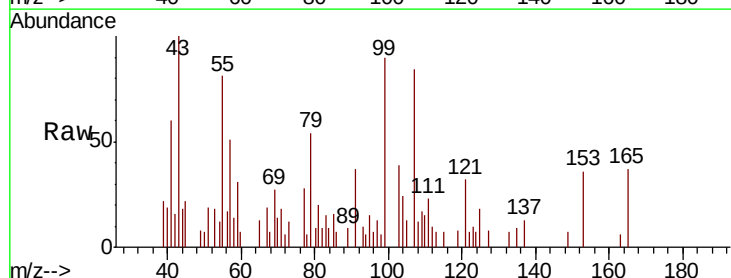


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

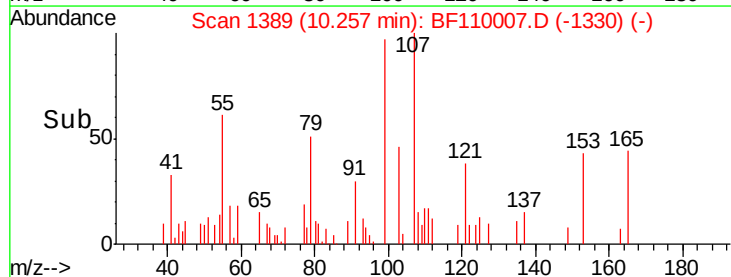
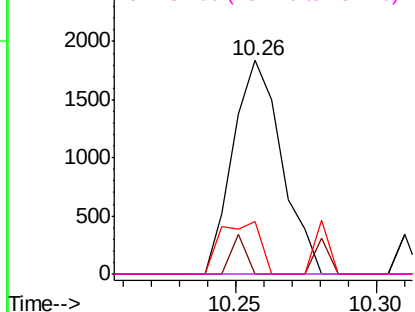


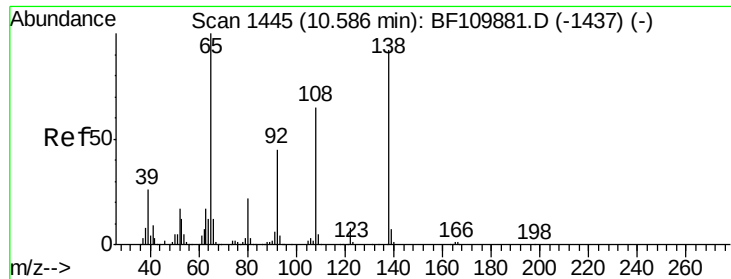
#57
2,4-Dinitrotoluene
Concen: 4.879 ng
RT: 10.26 min Scan# 1389
Delta R.T. 0.05 min
Lab File: BF110007.D
Acq: 19 Oct 2018 17:21

Tgt Ion:165 Resp: 2212
Ion Ratio Lower Upper
165 100
63 0.0 44.8 67.2#
89 24.6 62.2 93.4#
182 0.0 2.1 3.1#



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





#62

4-Nitroaniline

Concen: 3.951 ng

RT: 10.64 min Scan# 1454

Delta R.T. 0.05 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

Instrument :

BNA_F

ClientSampleId :

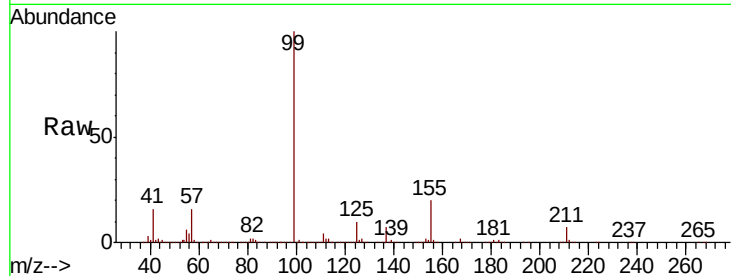
Tot Ion:138 Resp: 24335

Ion Ratio Lower Upper

138 100

92 8.9 31.7 71.7#

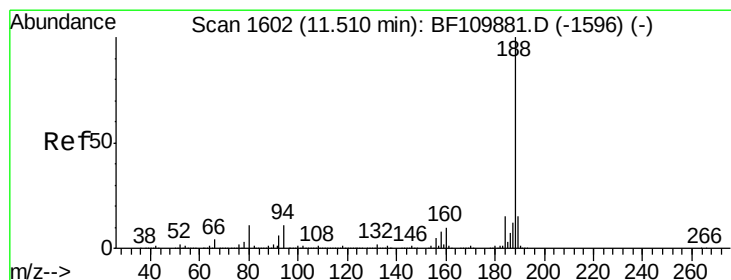
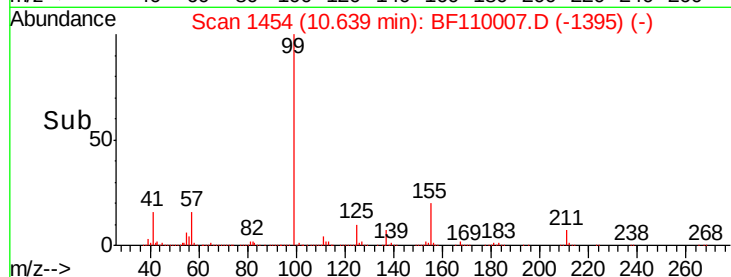
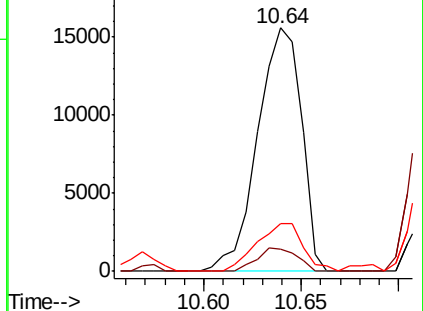
108 19.5 59.3 99.3#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

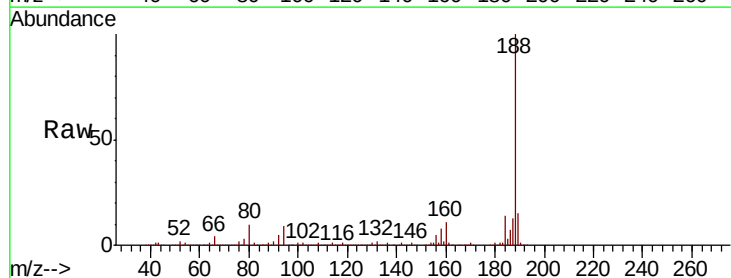
Tgt Ion:188 Resp: 710382

Ion Ratio Lower Upper

188 100

94 9.1 7.2 10.8

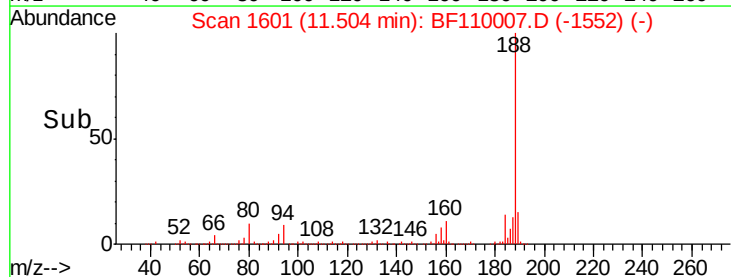
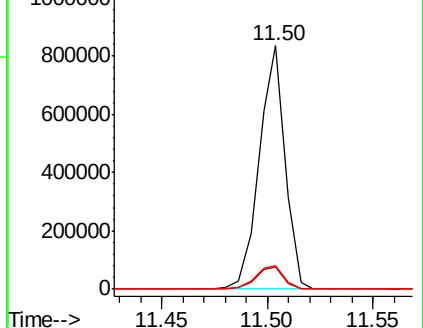
80 9.9 7.9 11.9

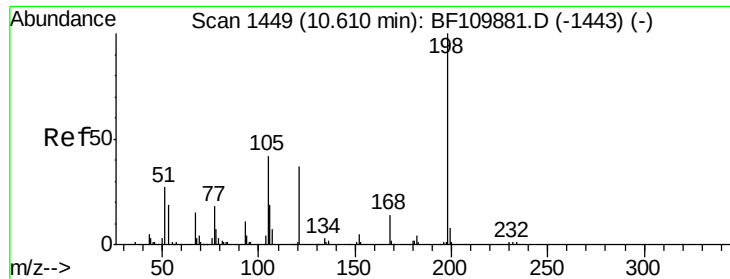


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 8.239 ng

RT: 10.81 min Scan# 1483

Delta R.T. 0.19 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

Instrument :

BNA_F

ClientSampleId :

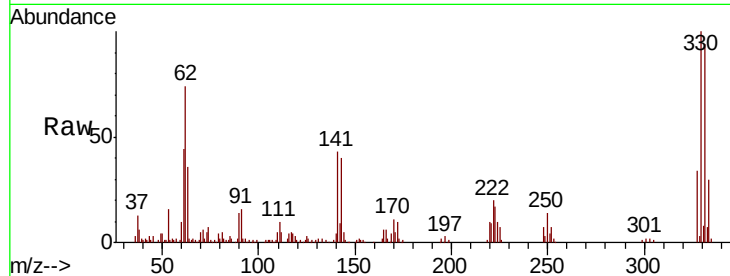
Tot Ion:198 Resp: 1032

Ion Ratio Lower Upper

198 100

51 216.1 22.8 62.8#

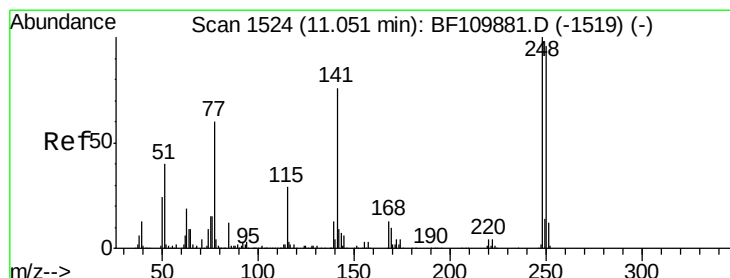
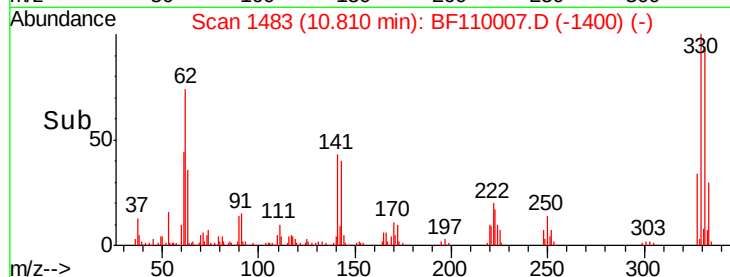
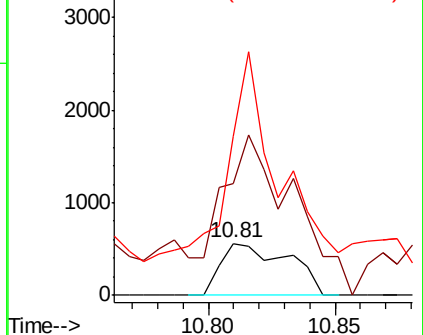
105 307.0 23.6 63.6#



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



#67

4-Bromophenyl-phenylether

Concen: 3.629 ng

RT: 10.82 min Scan# 1484

Delta R.T. -0.24 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

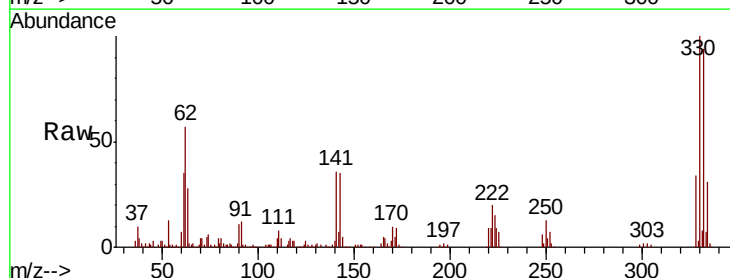
Tgt Ion:248 Resp: 27942

Ion Ratio Lower Upper

248 100

250 196.9 79.4 119.2#

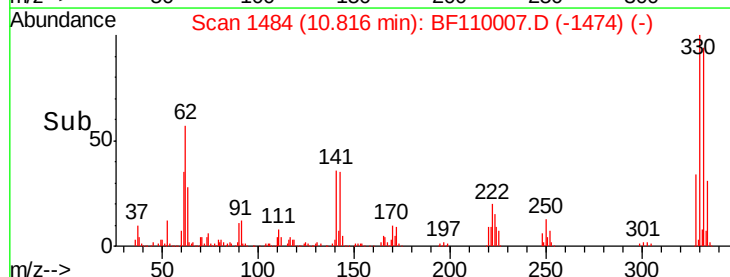
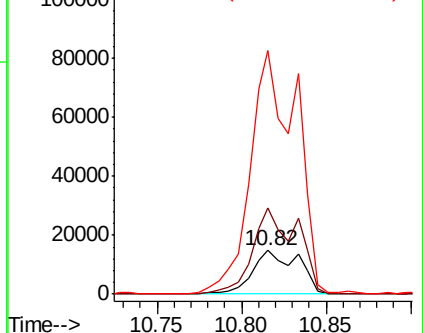
141 559.6 55.9 83.9#

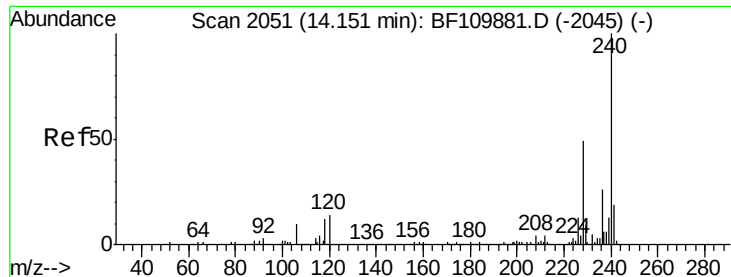


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

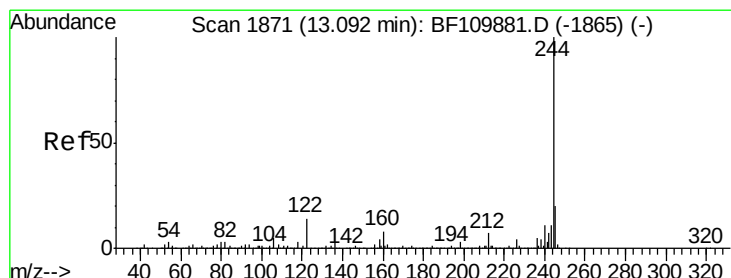
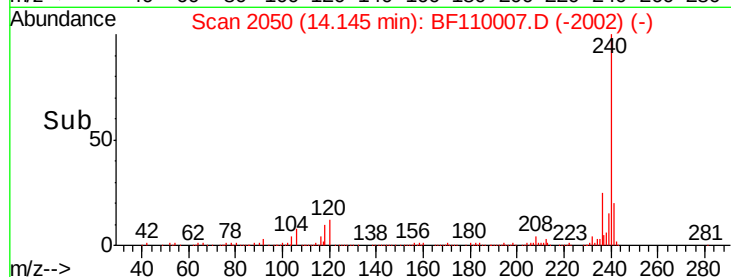
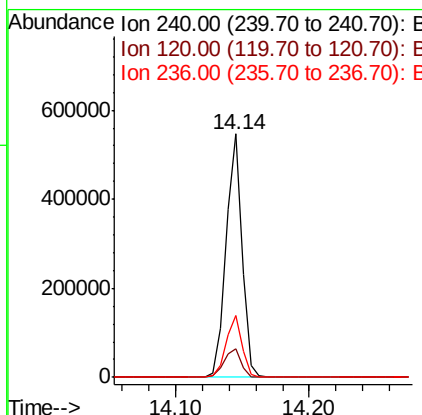
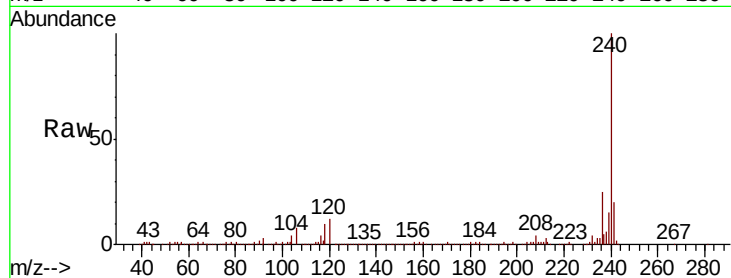




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 14.14 min Scan# 2050
 Delta R.T. -0.02 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

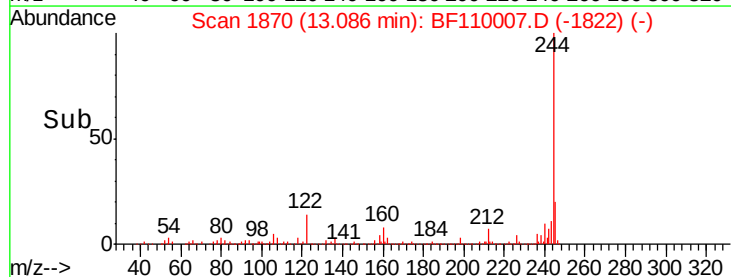
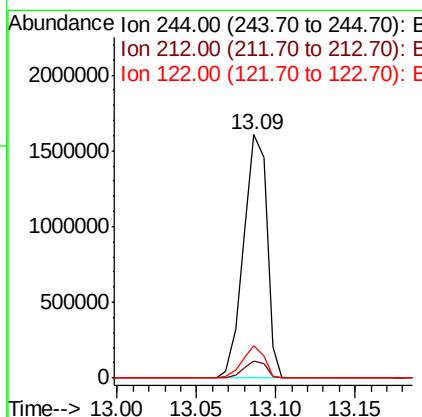
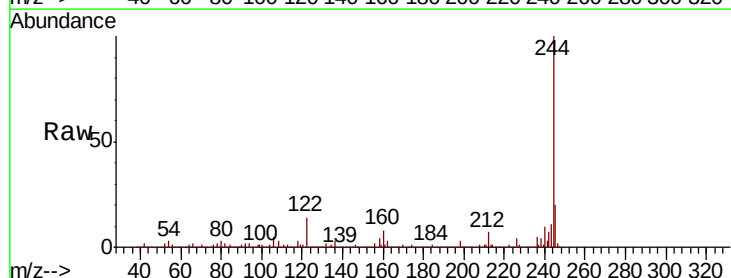
Instrument :
 BNA_F
 ClientSampleId :

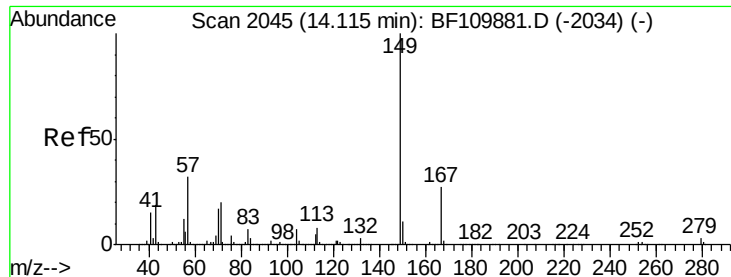
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.3	12.5
236	25.3	21.2	31.8



#79
 Terphenyl-d14
 Concen: 74.236 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110007.D
 Acq: 19 Oct 2018 17:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.6	8.7	13.1#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.695 ng

RT: 14.11 min Scan# 2044

Delta R.T. -0.02 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

Instrument :

BNA_F

ClientSampleId :

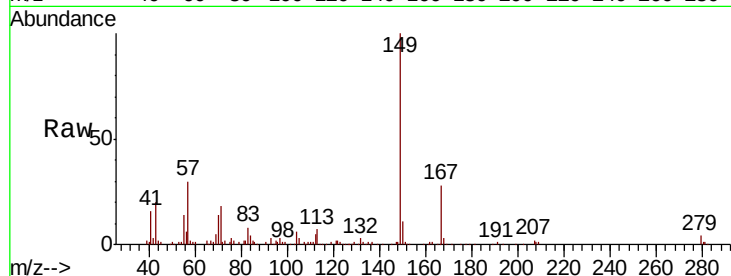
Tot Ion:149 Resp: 85051

Ion Ratio Lower Upper

149 100

167 27.7 19.8 29.8

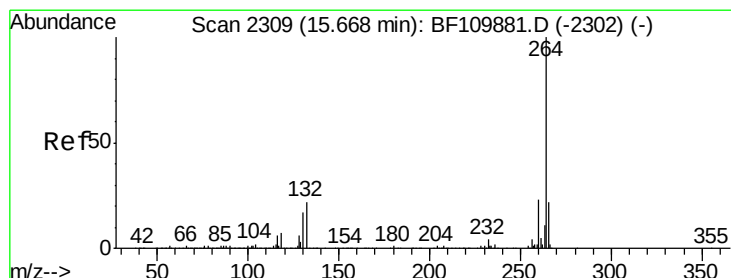
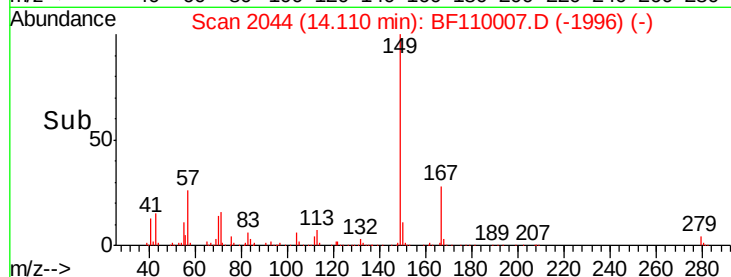
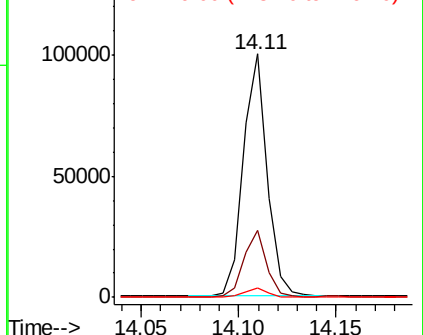
279 3.8 2.7 4.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110007.D

Acq: 19 Oct 2018 17:21

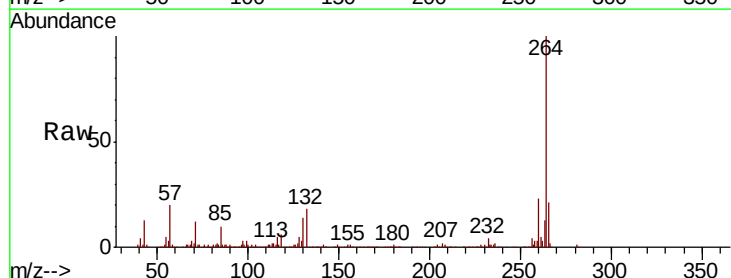
Tgt Ion:264 Resp: 351669

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 21.1 16.7 25.1



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

