

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
 Data File : BF109952.D
 Acq On : 18 Oct 2018 11:11
 Operator : JU/SJ
 Sample : J5542-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 19 02:21:03 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

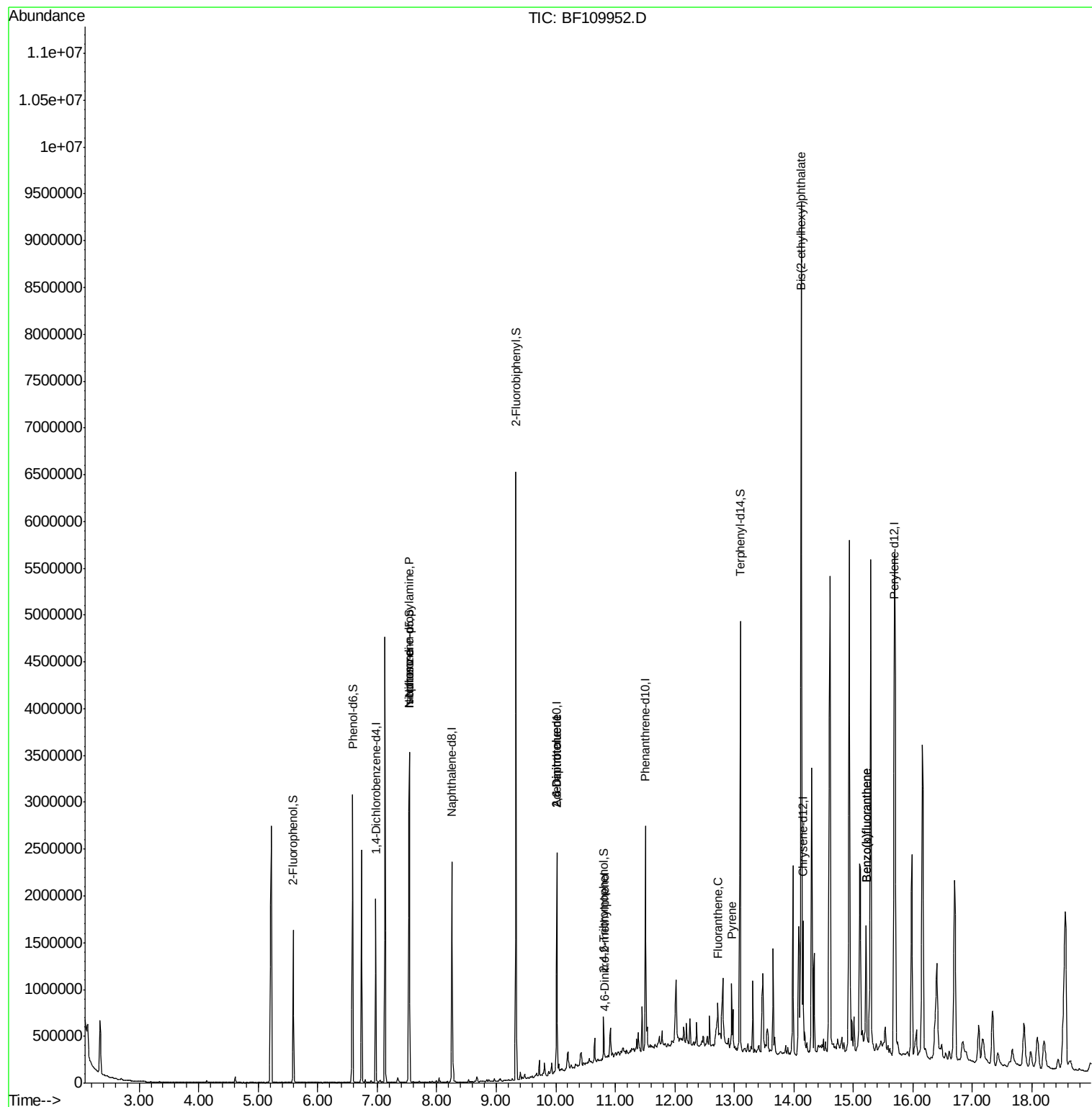
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	258875	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	1008322	20.00	ng	-0.01
39) Acenaphthene-d10	10.02	164	458419	20.00	ng	-0.01
64) Phenanthrene-d10	11.51	188	777072	20.00	ng	0.00
76) Chrysene-d12	14.16	240	469511	20.00	ng	0.00
87) Perylene-d12	15.68	264	432002	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	407170	24.93	ng	0.00
7) Phenol-d6	6.59	99	1034456	51.01	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1196722	79.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.80	330	43402	10.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2116121	73.66	ng	0.00
79) Terphenyl-d14	13.10	244	1612014	72.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	162351	12.469	ng	# 80
25) Isophorone	7.54	82	1194647	40.619	ng	# 67
51) 2,6-Dinitrotoluene	10.02	165	60484	9.810	ng	# 23
57) 2,4-Dinitrotoluene	10.02	165	60484	11.608	ng	# 19
65) 4,6-Dinitro-2-methylphenol	10.83	198	127	7.942	ng	# 1
75) Fluoranthene	12.72	202	100587	2.503	ng	98
78) Pyrene	12.96	202	94822	2.750	ng	98
84) Bis(2-ethylhexyl)phthalate	14.13	149	2753425	150.093	ng	# 92
88) Benzo(b)fluoranthene	15.22	252	65174	2.617	ng	# 85
89) Benzo(k)fluoranthene	15.22	252	65174	2.655	ng	# 85

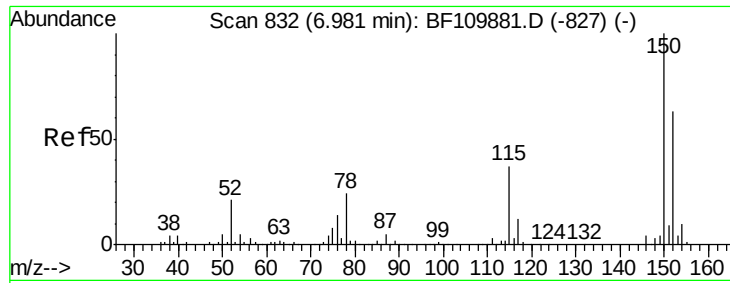
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
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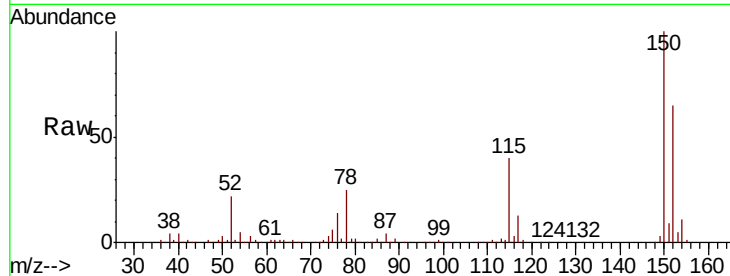


#1

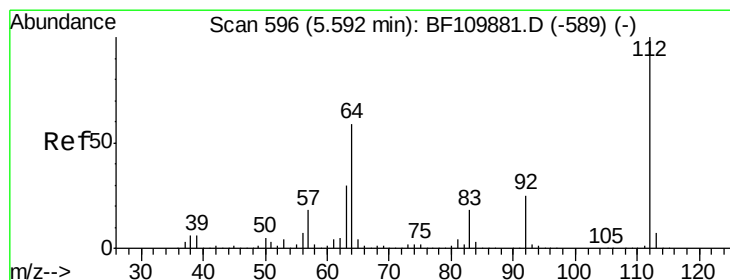
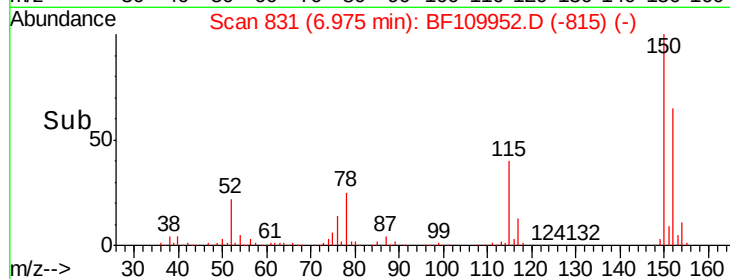
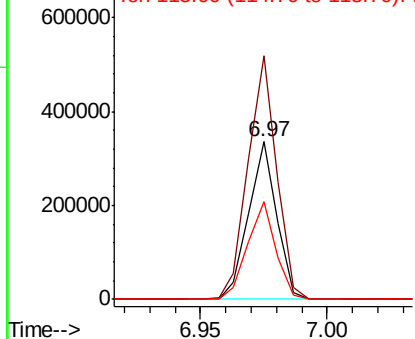
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 258875
Ion Ratio Lower Upper
152 100
150 154.8 122.7 184.1
115 62.4 49.1 73.7



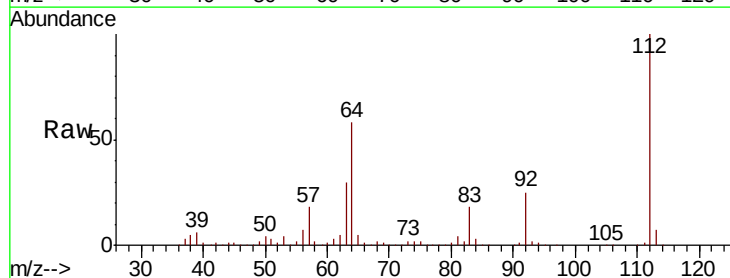
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



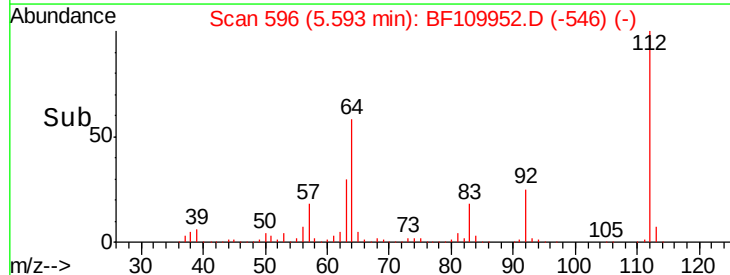
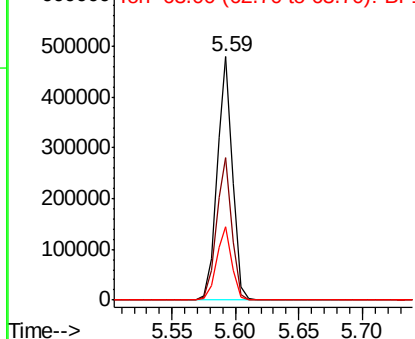
#5

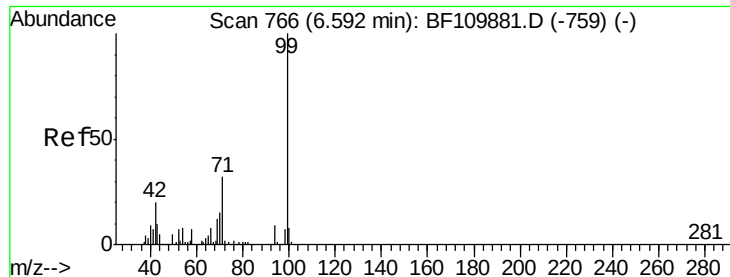
2-Fluorophenol
Concen: 24.932 ng
RT: 5.59 min Scan# 596
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion:112 Resp: 407170
Ion Ratio Lower Upper
112 100
64 58.4 44.1 66.1
63 30.4 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: 51.010 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

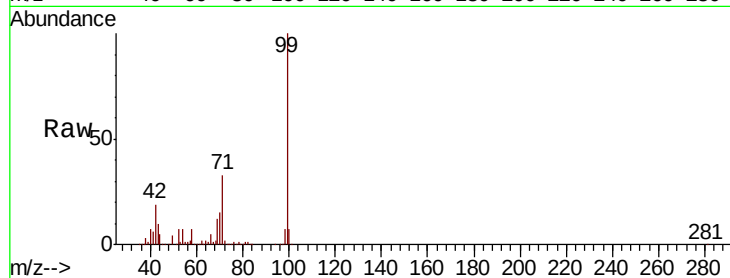
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1034456

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.8	23.6
71	33.2	28.0	42.0

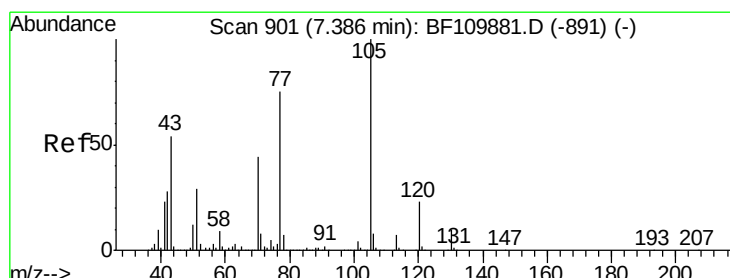
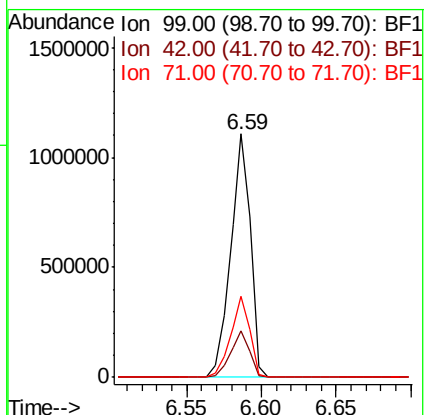
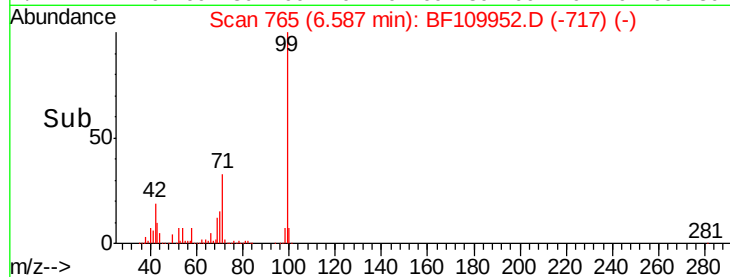


Abundance

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



#19

n-Nitroso-di-n-propylamine

Concen: 12.469 ng

RT: 7.54 min Scan# 927

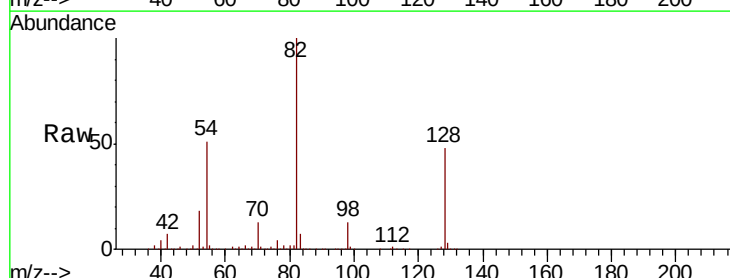
Delta R.T. 0.15 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion: 70 Resp: 162351

Ion	Ratio	Lower	Upper
70	100		
42	50.1	47.4	71.2
101	0.0	7.3	10.9#
130	2.1	16.2	24.2#



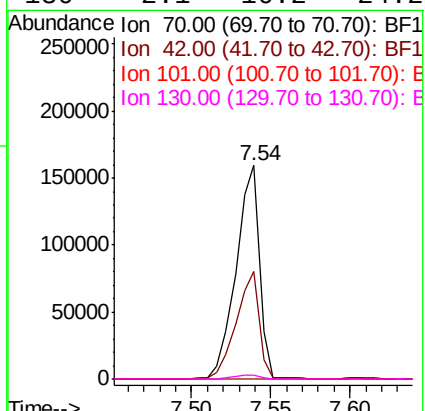
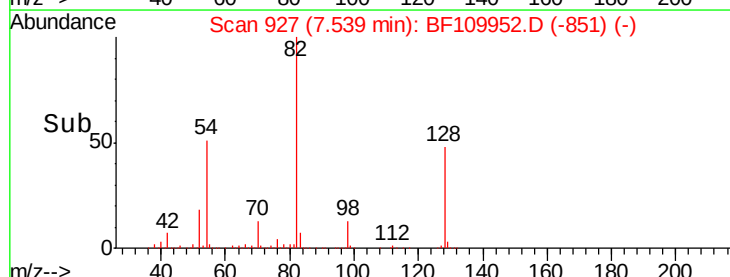
Abundance

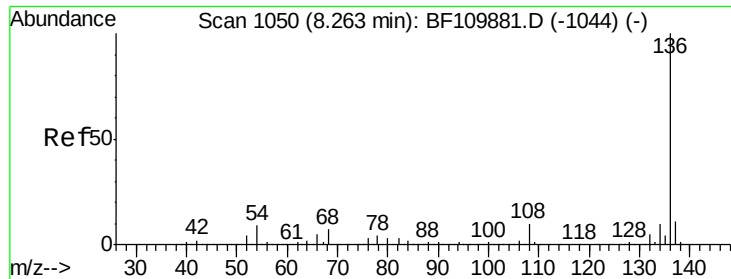
Ion 70.00 (69.70 to 70.70): BF1

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

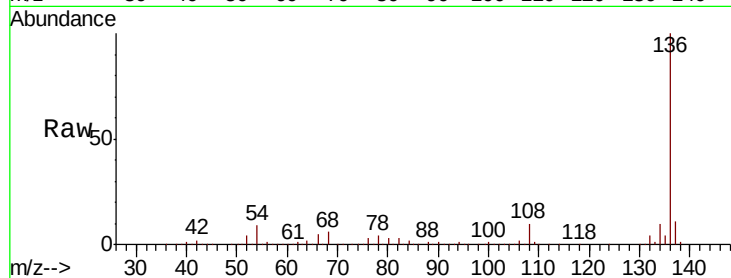




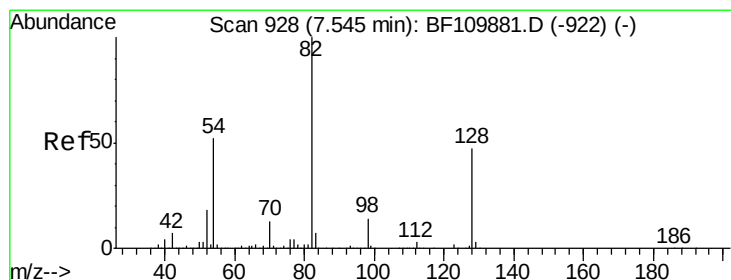
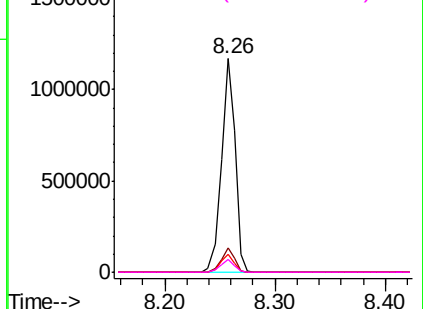
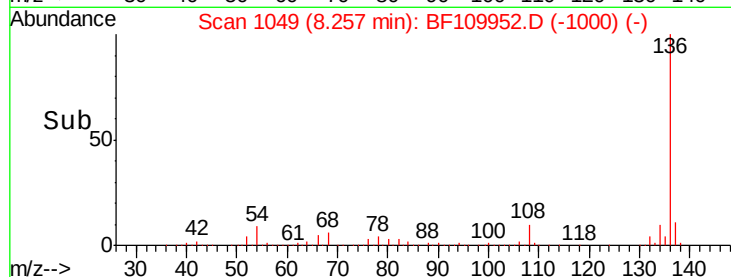
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 1008322
Ion Ratio Lower Upper
136 100
137 11.3 8.8 13.2
54 8.6 5.4 8.2#
68 6.0 4.2 6.2

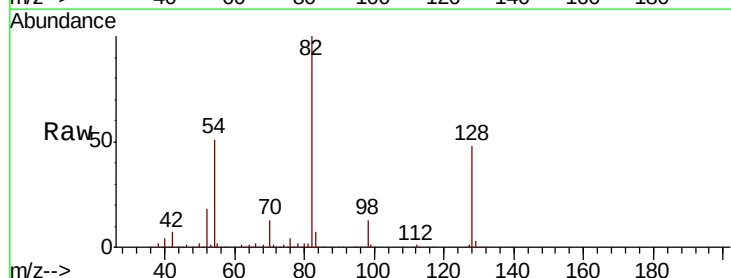


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

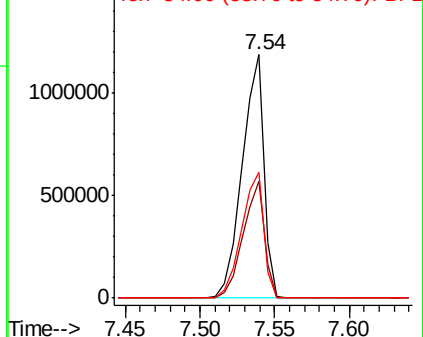
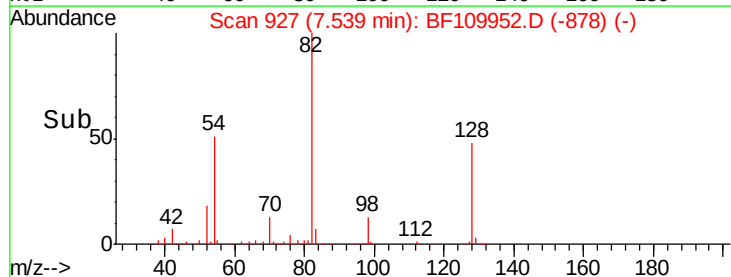


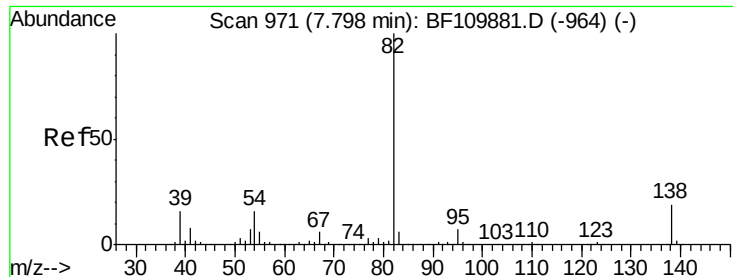
#23
Nitrobenzene-d5
Concen: 79.951 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion: 82 Resp: 1196722
Ion Ratio Lower Upper
82 100
128 48.3 34.2 51.2
54 51.5 38.6 58.0



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: 40.619 ng

RT: 7.54 min Scan# 927

Delta R.T. -0.26 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

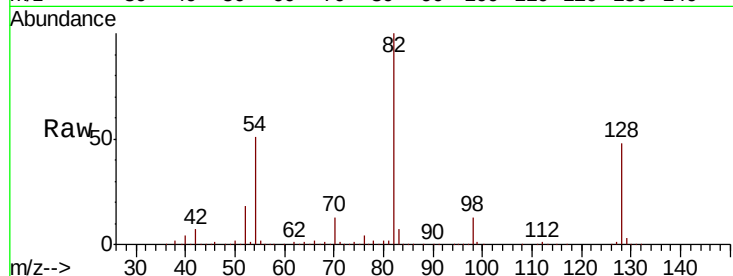
Tot Ion: 82 Resp: 1194647

Ion Ratio Lower Upper

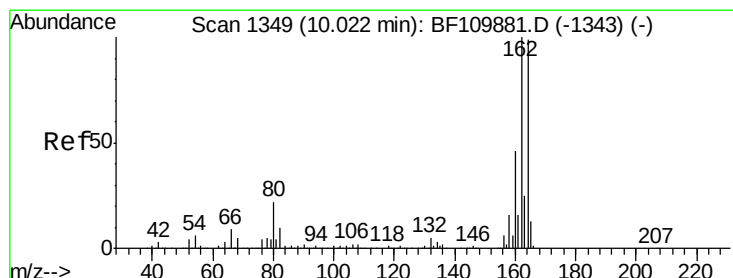
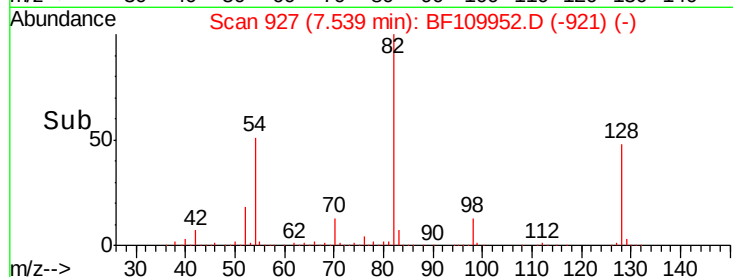
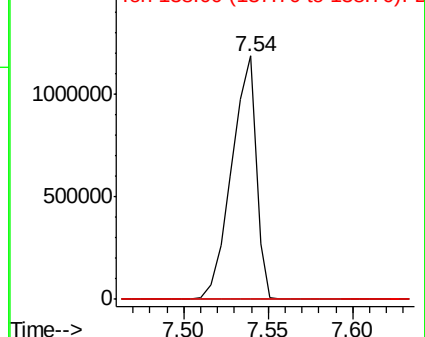
82 100

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: 10.02 min Scan# 1348

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

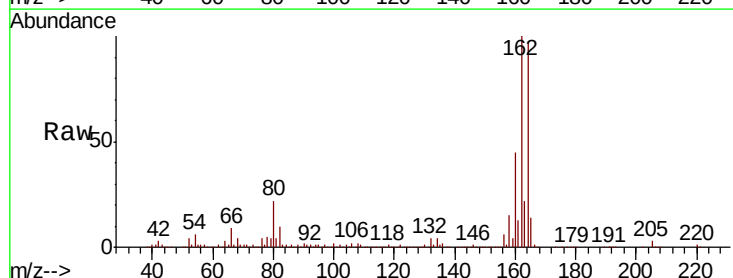
Tgt Ion:164 Resp: 458419

Ion Ratio Lower Upper

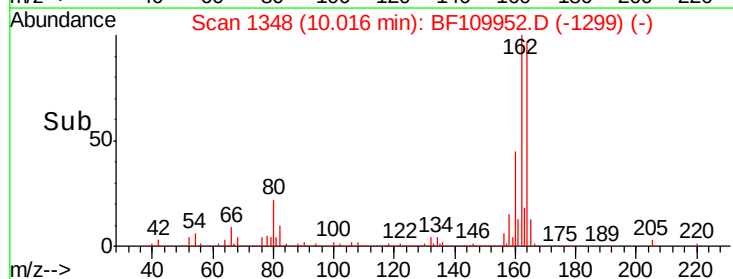
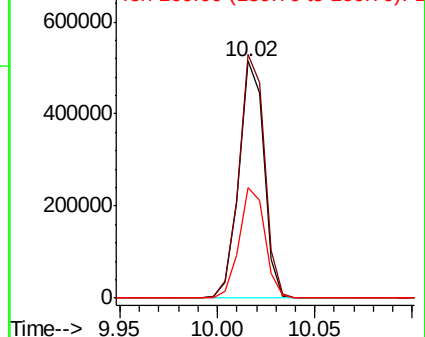
164 100

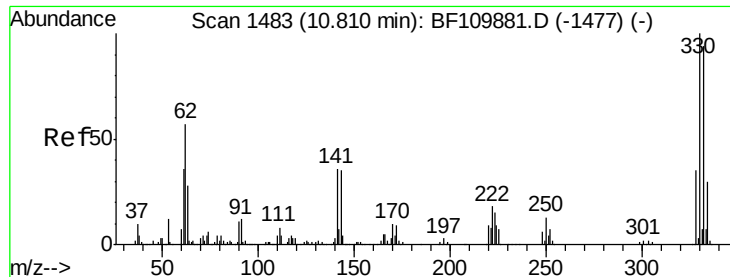
162 102.8 83.0 124.6

160 46.7 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: 10.936 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

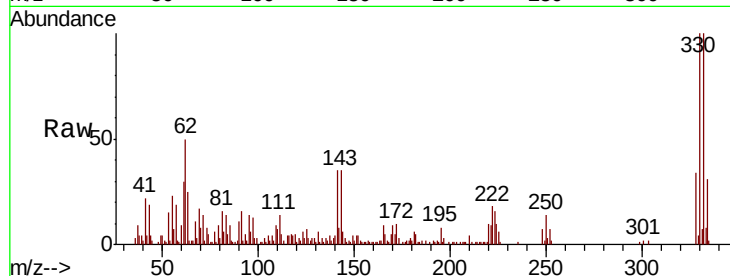
Tot Ion:330 Resp: 43402

Ion Ratio Lower Upper

330 100

332 99.7 77.1 115.7

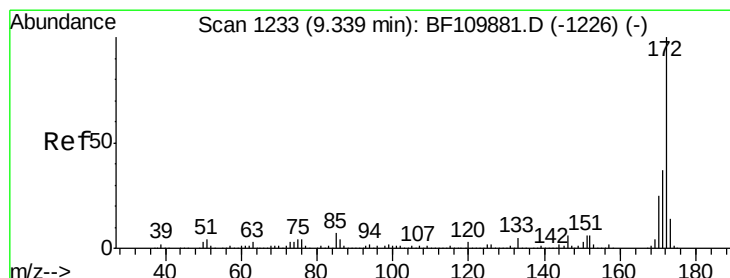
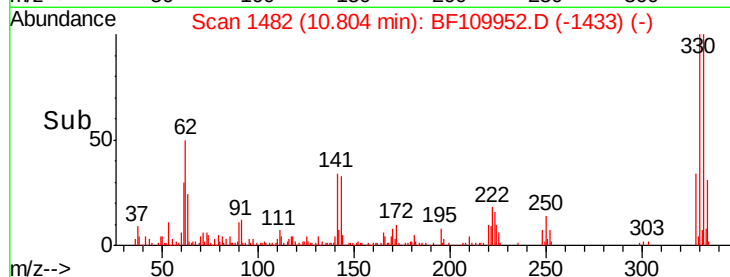
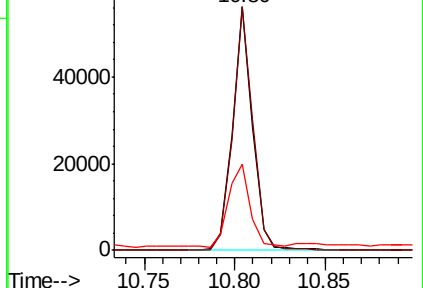
141 35.7 27.0 40.4



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: 73.657 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

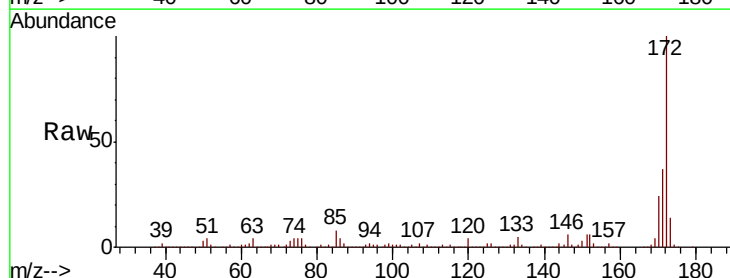
Tgt Ion:172 Resp: 2116121

Ion Ratio Lower Upper

172 100

171 37.4 28.6 43.0

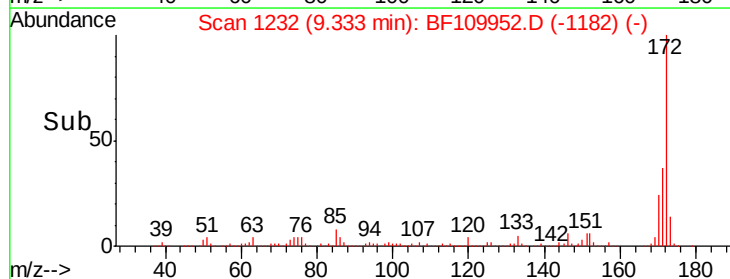
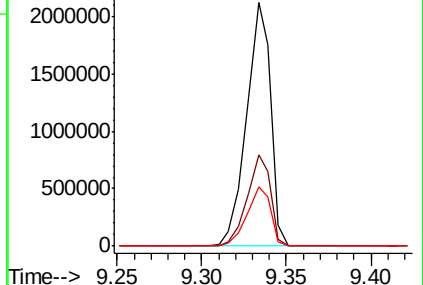
170 24.5 19.7 29.5

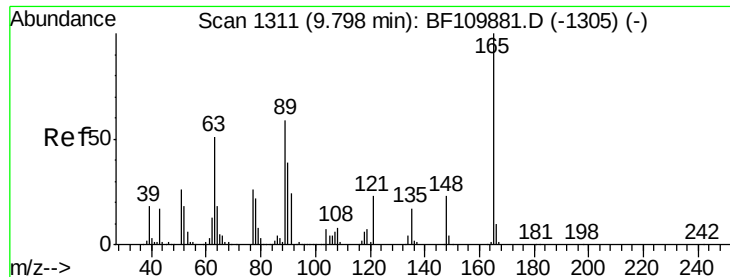


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 9.810 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.21 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampled :

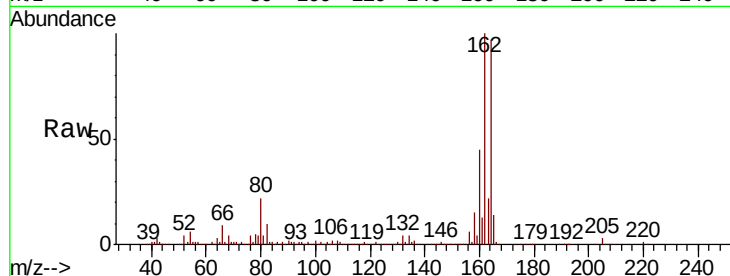
Tot Ion:165 Resp: 60484

Ion Ratio Lower Upper

165 100

63 1.4 48.9 73.3#

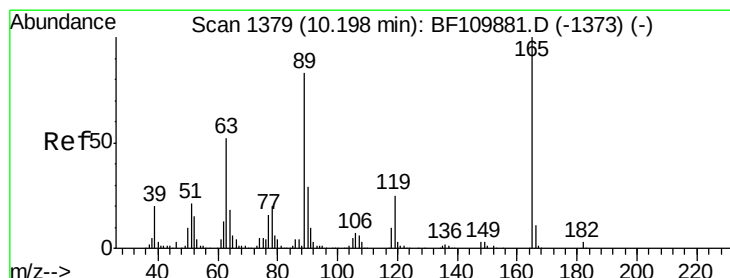
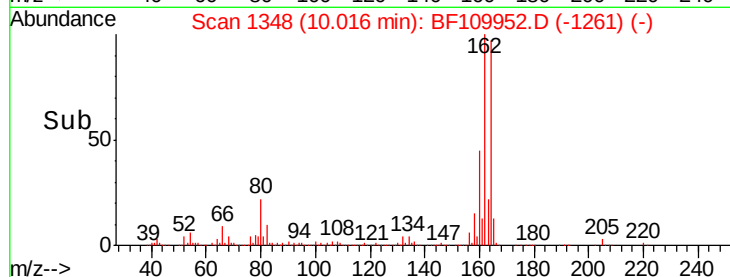
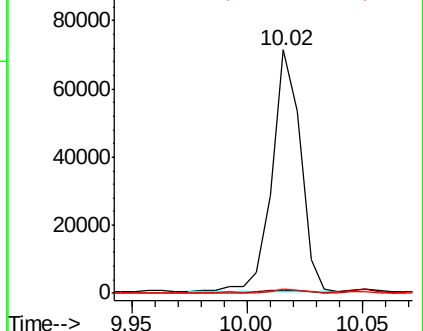
89 1.6 46.6 69.8#



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



#57

2,4-Dinitrotoluene

Concen: 11.608 ng

RT: 10.02 min Scan# 1348

Delta R.T. -0.19 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion:165 Resp: 60484

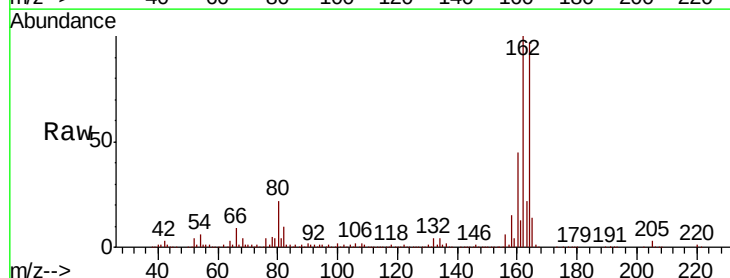
Ion Ratio Lower Upper

165 100

63 1.4 44.8 67.2#

89 1.6 62.2 93.4#

182 0.0 2.1 3.1#

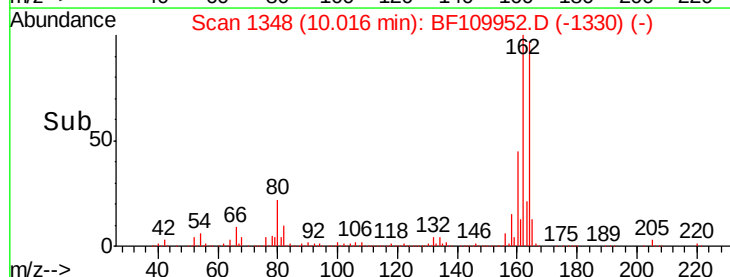
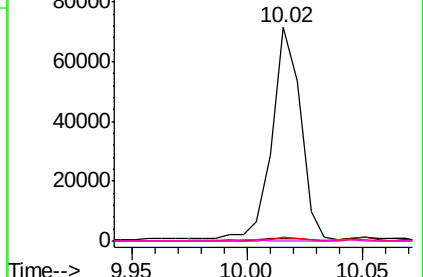


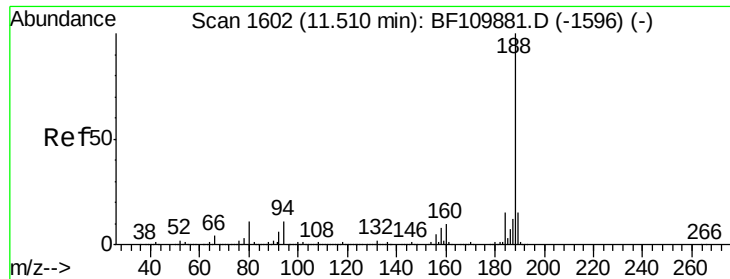
Abundance Ion 165.00 (164.70 to 165.70): E

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

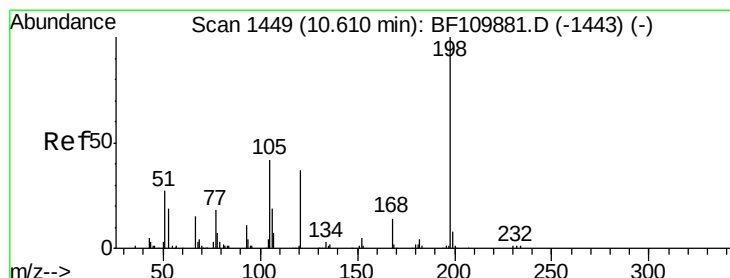
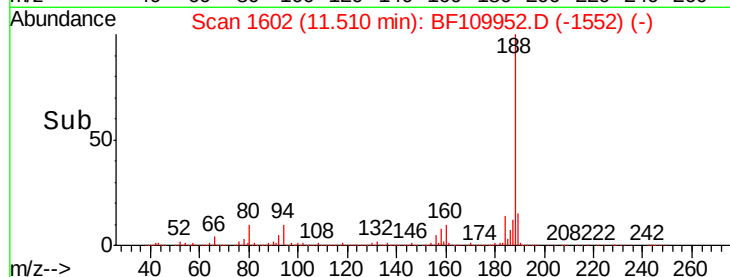
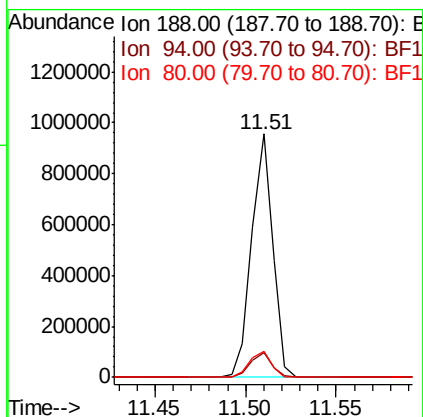
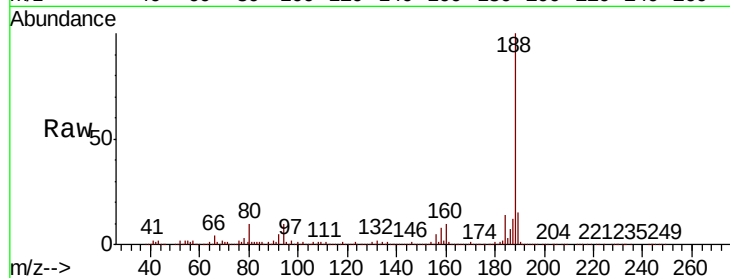




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

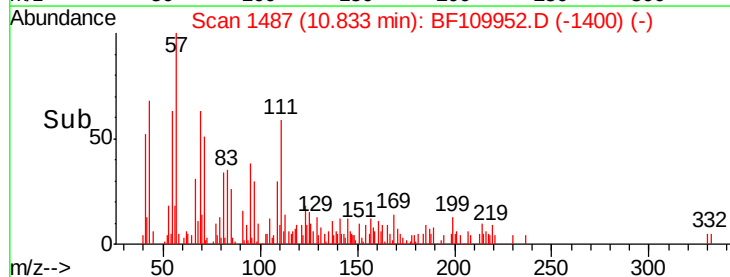
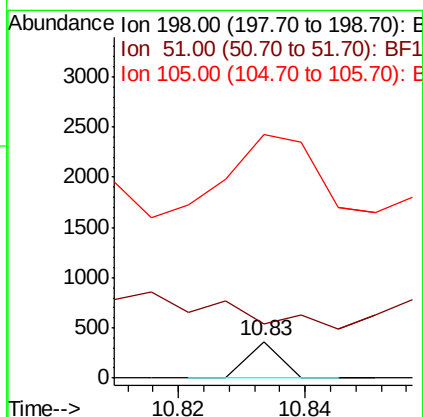
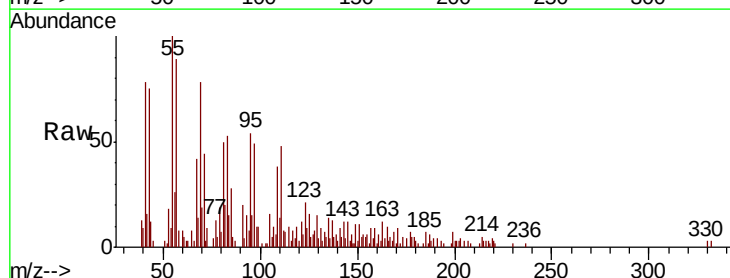
Instrument :
BNA_F
ClientSampleId :

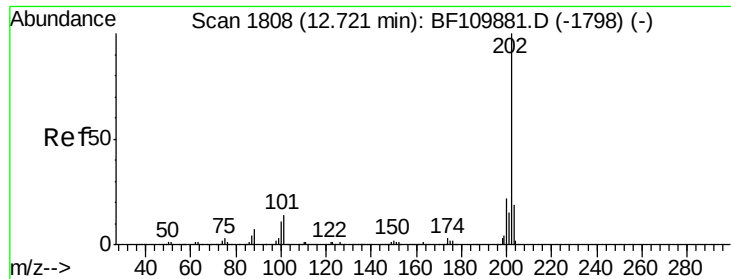
Tot Ion:188 Resp: 777072
Ion Ratio Lower Upper
188 100
94 9.9 7.2 10.8
80 10.5 7.9 11.9



#65
4,6-Dinitro-2-methylphenol
Concen: 7.942 ng
RT: 10.83 min Scan# 1487
Delta R.T. 0.21 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion:198 Resp: 127
Ion Ratio Lower Upper
198 100
51 149.0 22.8 62.8#
105 671.7 23.6 63.6#





#75

Fluoranthene

Concen: 2.503 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF109952.D

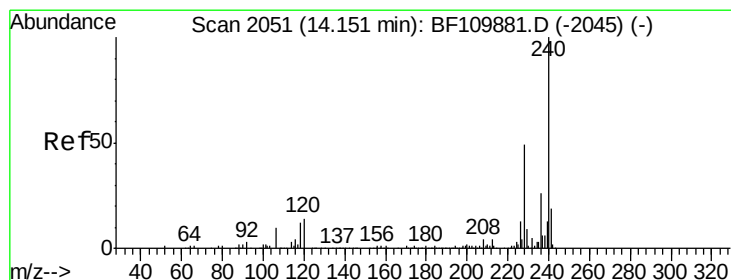
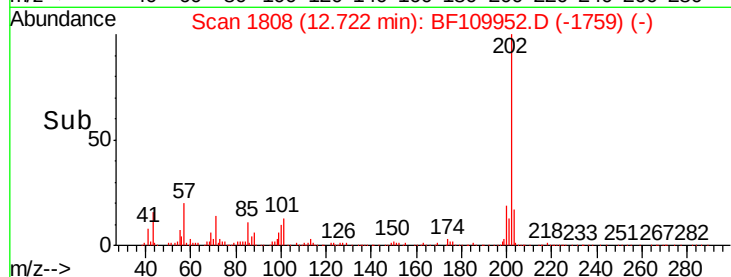
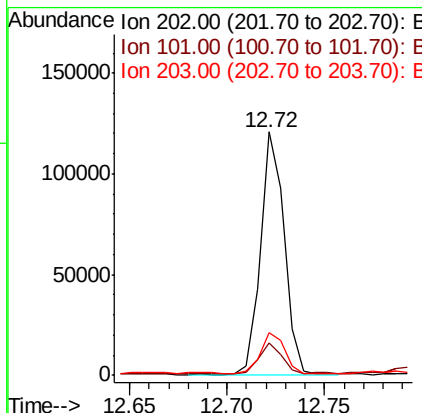
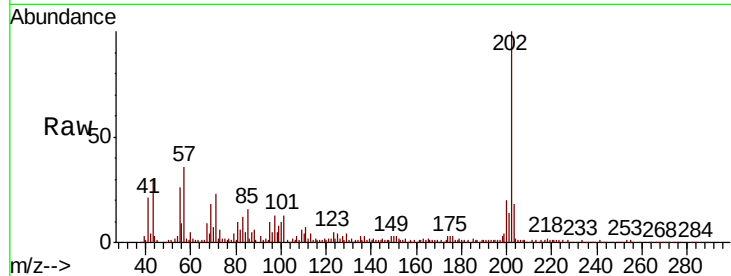
Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	100587
Ion	Ratio	Lower	Upper
202	100		
101	13.2	0.0	31.4
203	17.5	0.0	37.7



#76

Chrysene-d12

Concen: 20.000 ng

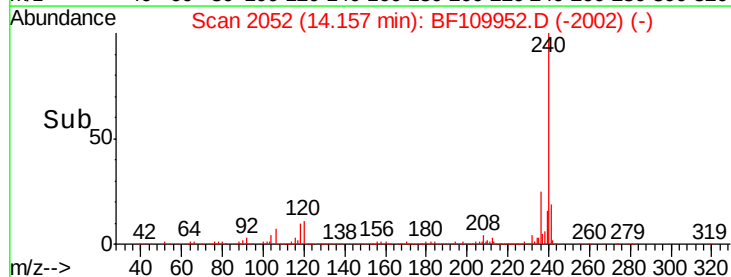
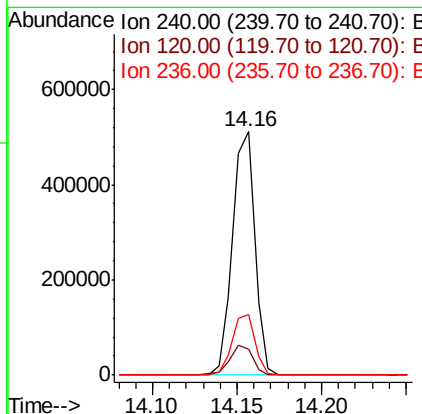
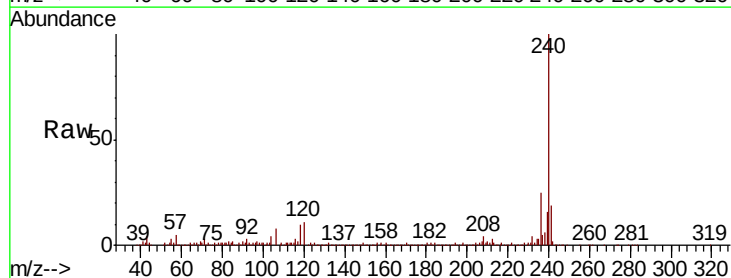
RT: 14.16 min Scan# 2052

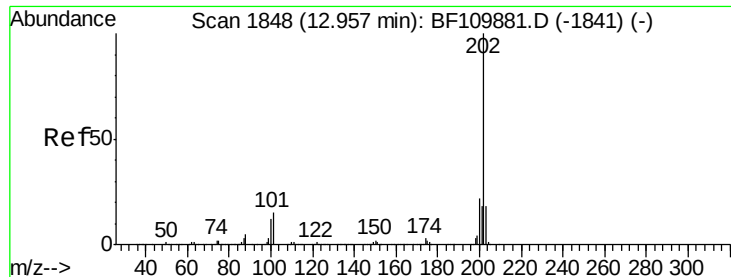
Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Tgt Ion:	240	Resp:	469511
Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.3	12.5
236	25.0	21.2	31.8

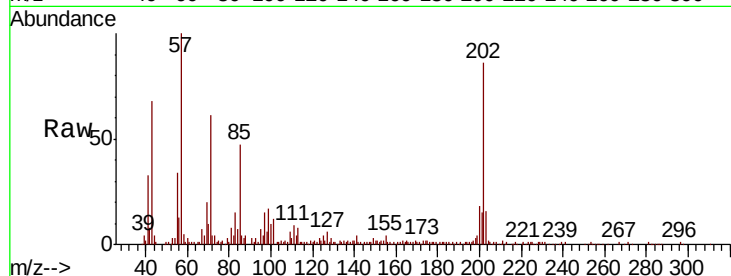




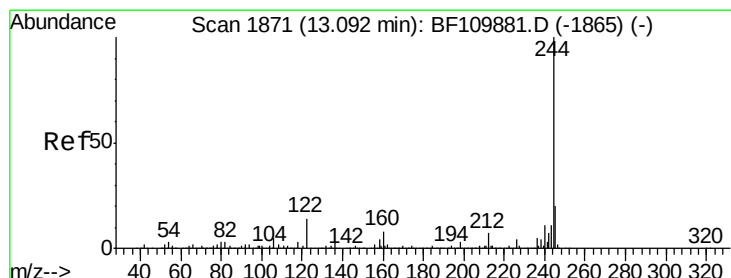
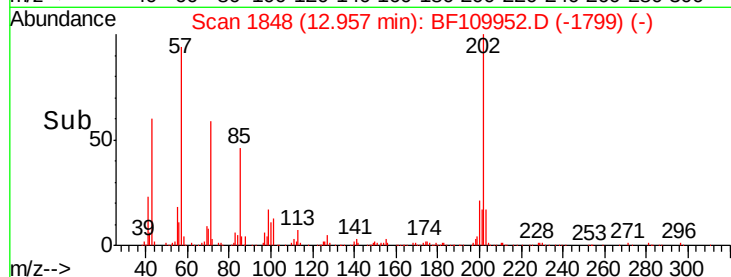
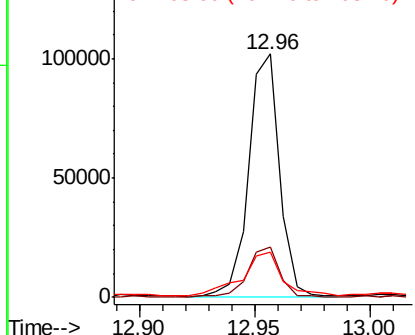
#78
Pvrene
Concen: 2.750 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 94822
Ion Ratio Lower Upper
202 100
200 20.9 17.8 26.6
203 18.5 14.2 21.4

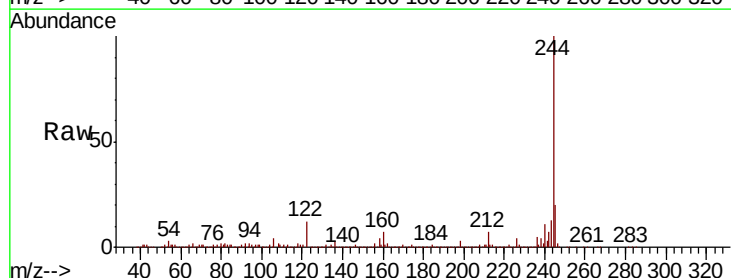


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

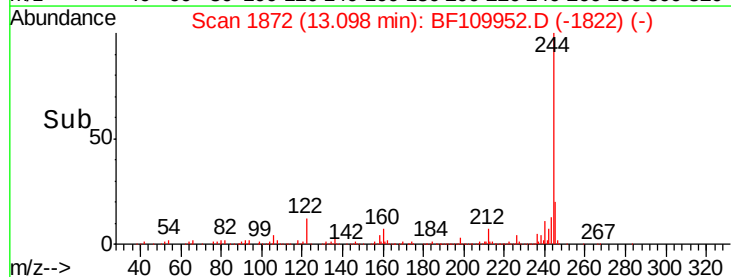
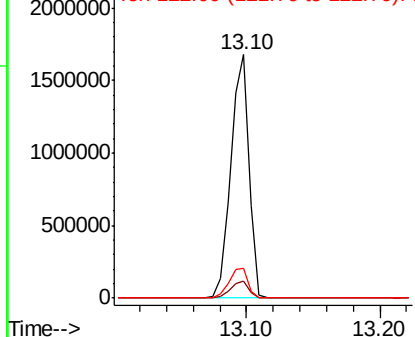


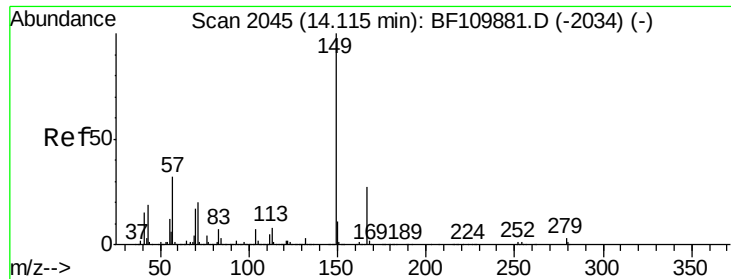
#79
Terphenyl-d14
Concen: 72.099 ng
RT: 13.10 min Scan# 1872
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion:244 Resp: 1612014
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 12.1 8.7 13.1



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 150.093 ng

RT: 14.13 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

Instrument :

BNA_F

ClientSampleId :

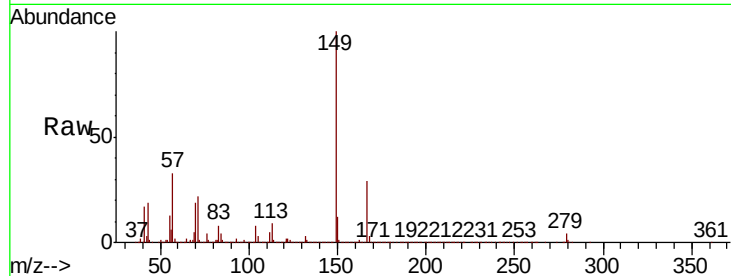
Tot Ion:149 Resp: 2753425

Ion	Ratio	Lower	Upper
149	100		
167	29.3	19.8	29.8
279	4.3	2.7	4.1

149 100

167 29.3 19.8 29.8

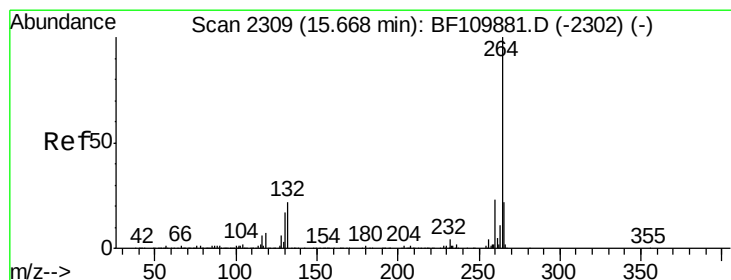
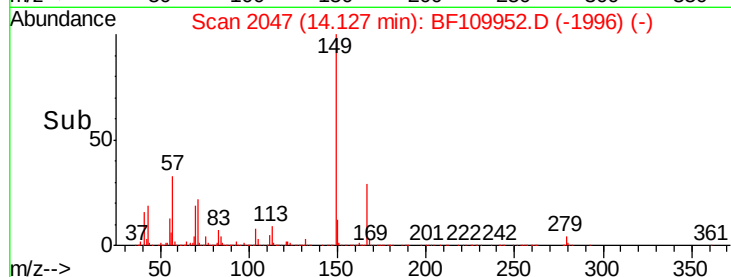
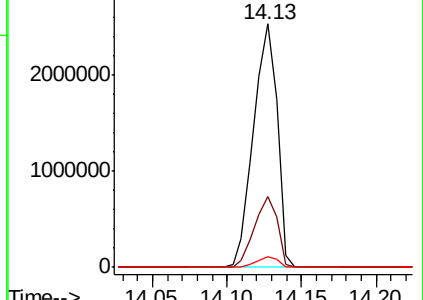
279 4.3 2.7 4.1



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: 15.68 min Scan# 2311

Delta R.T. -0.01 min

Lab File: BF109952.D

Acq: 18 Oct 2018 11:11

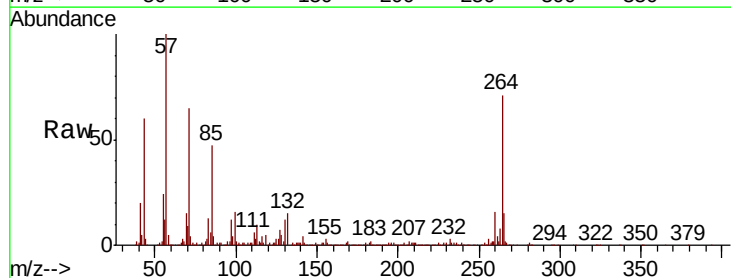
Tgt Ion:264 Resp: 432002

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.7	28.1
265	21.6	16.7	25.1

264 100

260 22.8 18.7 28.1

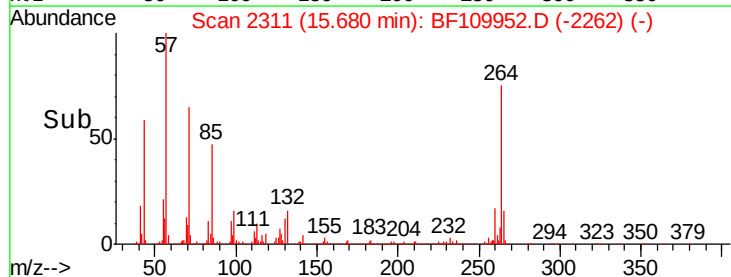
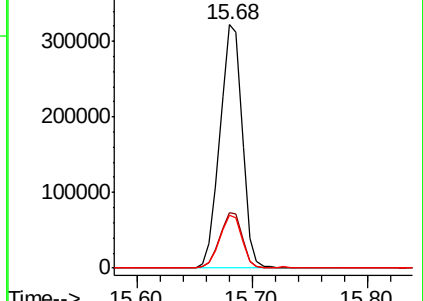
265 21.6 16.7 25.1

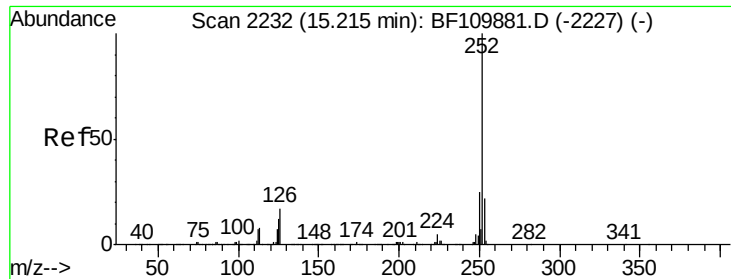


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

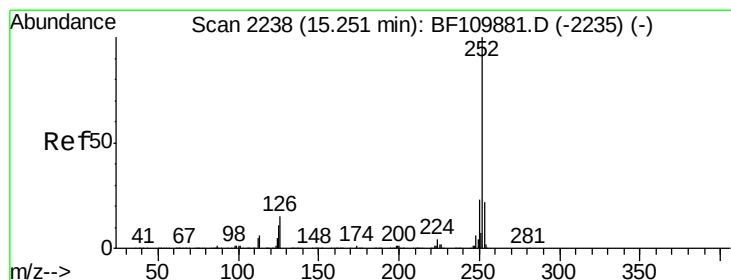
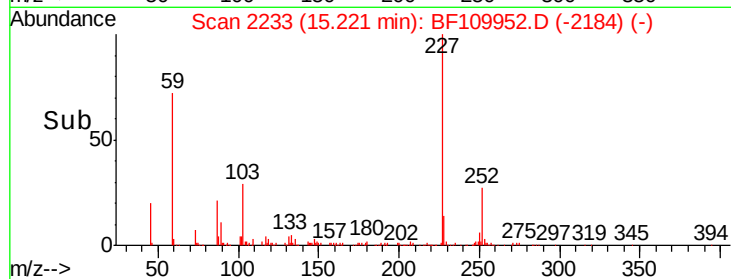
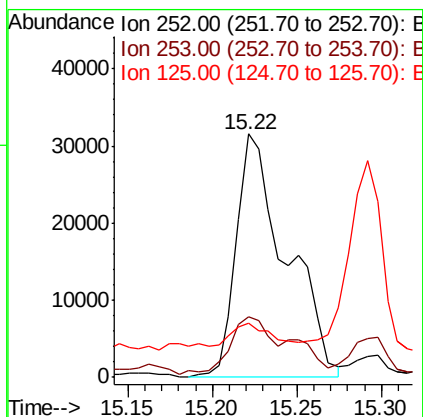
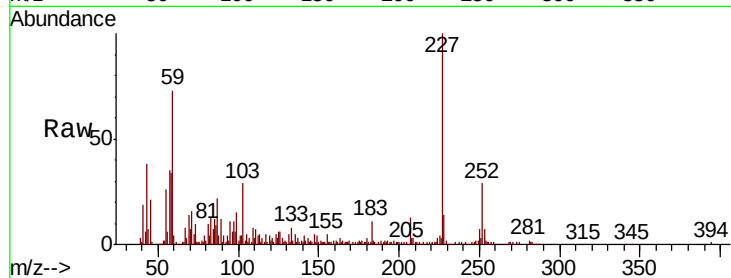




#88
Benzo(b)fluoranthene
Concen: 2.617 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.01 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 65174
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 22.0 8.2 12.4#



#89
Benzo(k)fluoranthene
Concen: 2.655 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.05 min
Lab File: BF109952.D
Acq: 18 Oct 2018 11:11

Tgt Ion:252 Resp: 65174
Ion Ratio Lower Upper
252 100
253 24.7 17.2 25.8
125 22.0 7.4 11.0#

