

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010318\
 Data File : BF101869.D
 Acq On : 3 Jan 2018 19:25
 Operator : SJ/JU
 Sample : J1019-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 04 00:10:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

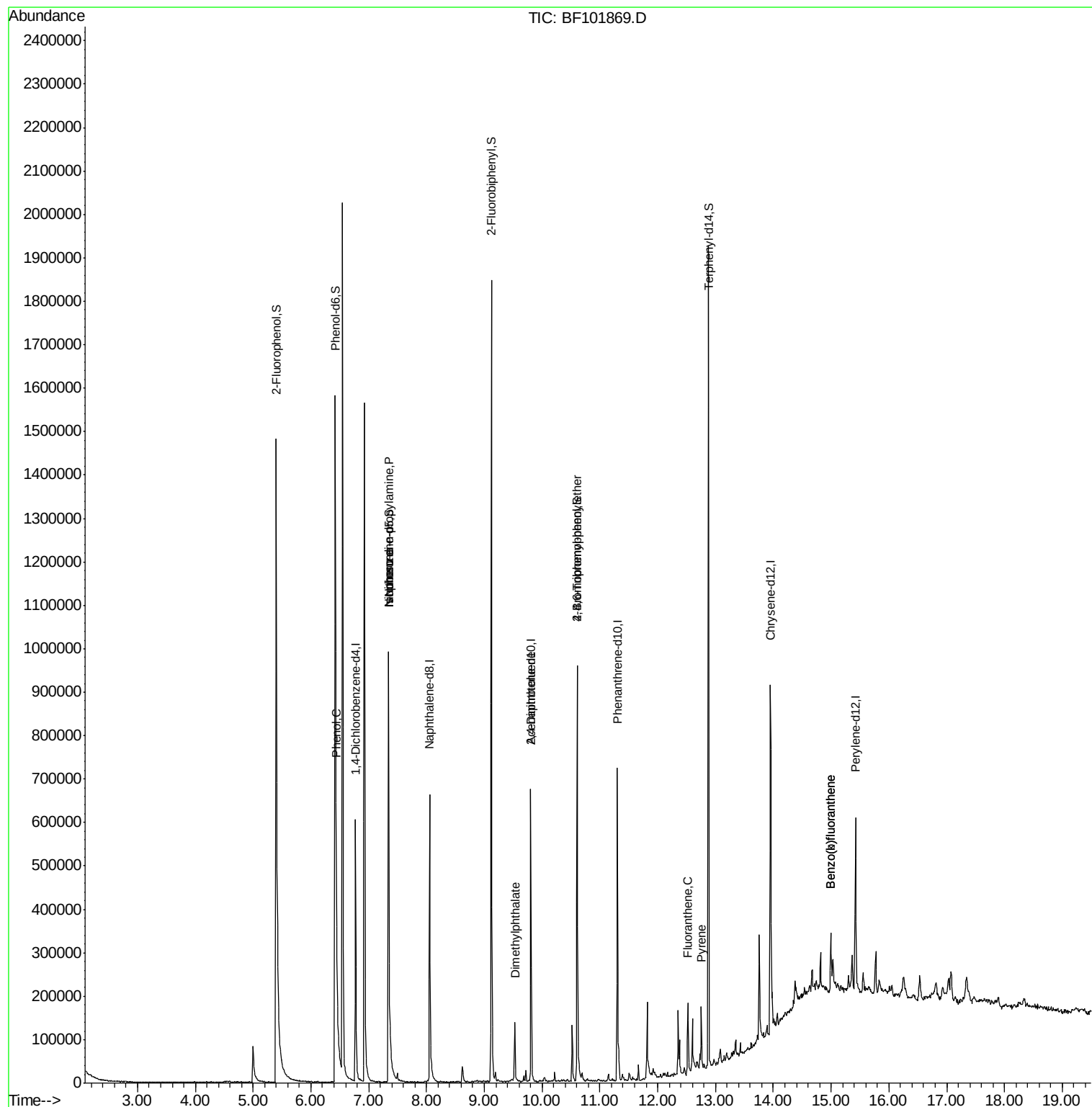
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	112085	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	391850	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	146584	20.00	ng	-0.02
63) Phenanthrene-d10	11.30	188	283473	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	274188	20.00	ng	-0.02
86) Perylene-d12	15.42	264	211981	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	726477	96.55	ng	0.00
7) Phenol-d6	6.42	99	816122	87.15	ng	-0.01
23) Nitrobenzene-d5	7.35	82	461866	65.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	133783	94.72	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	618622	65.47	ng	-0.02
78) Terphenyl-d14	12.88	244	621672	54.66	ng	-0.02
Target Compounds						
10) Phenol	6.44	94	36315	3.402	ng	# 59
19) n-Nitroso-di-n-propylamine	7.35	70	59754	9.716	ng	# 77
25) Isophorone	7.35	82	461866	32.707	ng	# 64
49) Dimethylphthalate	9.53	163	64124	5.439	ng	# 98
56) 2,4-Dinitrotoluene	9.80	165	18901	7.001	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	8607	2.702	ng	# 1
74) Fluoranthene	12.52	202	59703	3.608	ng	100
77) Pyrene	12.75	202	59958	2.914	ng	# 98
87) Benzo(b)fluoranthene	15.00	252	40539	3.138	ng	# 91
88) Benzo(k)fluoranthene	15.00	252	40539	3.227	ng	# 94

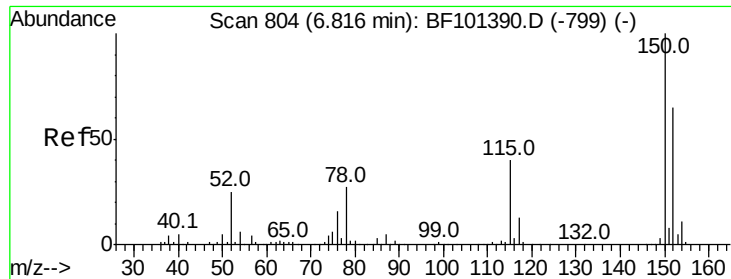
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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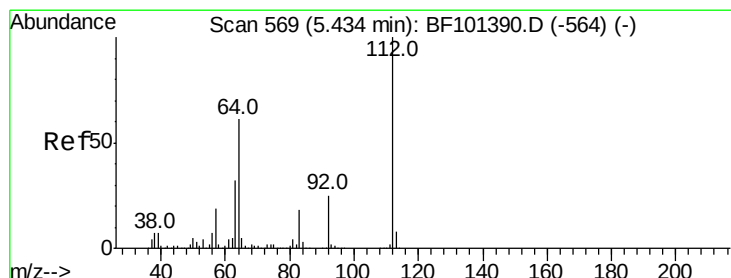
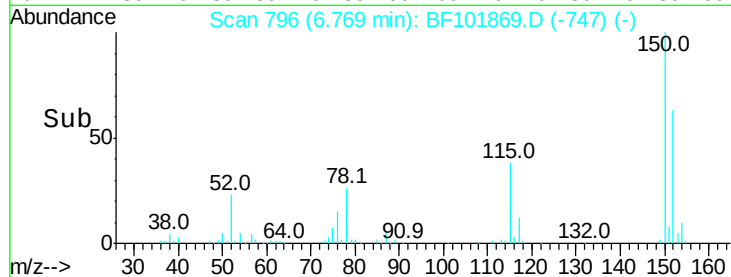
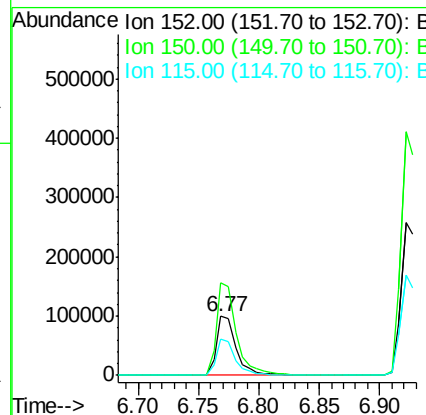
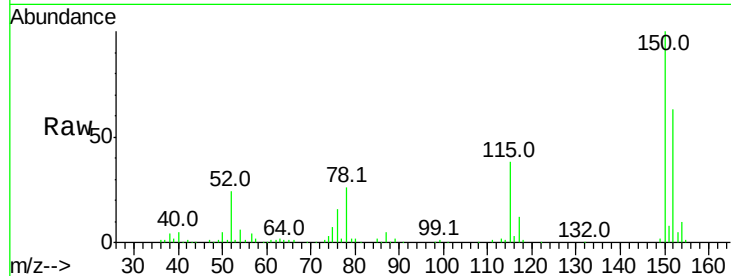


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Instrument :
BNA_F
ClientSampleId :

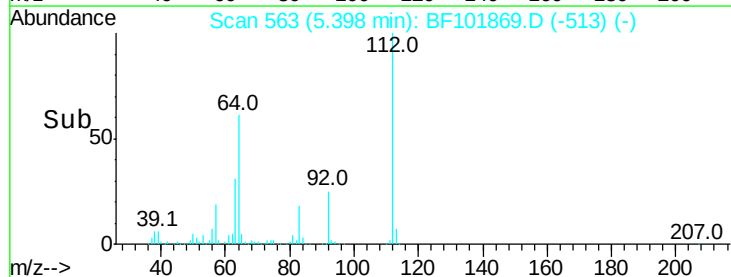
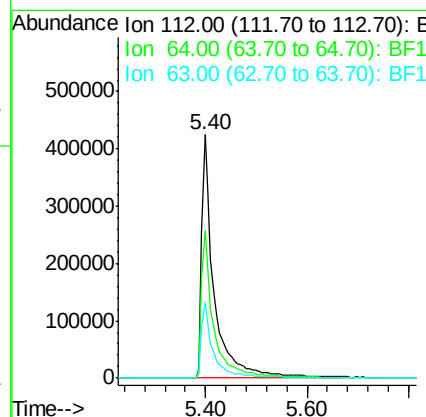
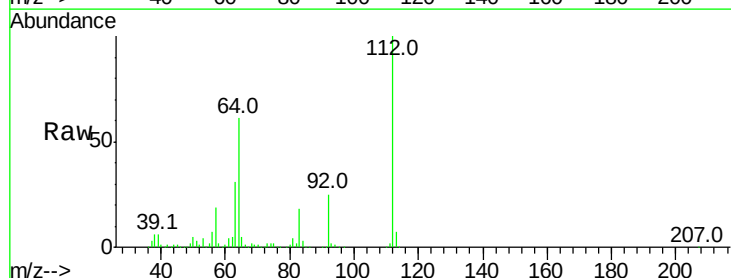
Tot Ion:152 Resp: 112085
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 60.8 50.1 75.1

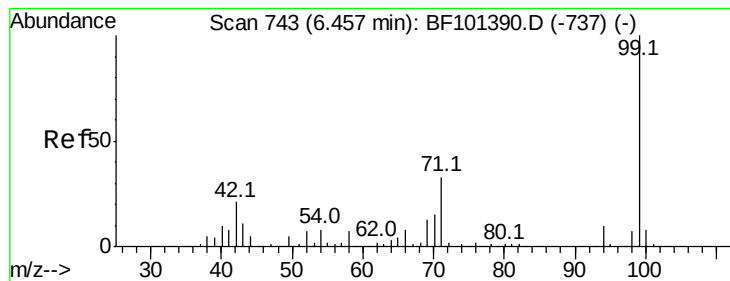


#5

2-Fluorophenol
Concen: 96.547 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Tgt Ion:112 Resp: 726477
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 87.149 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

Instrument :

BNA_F

ClientSampleId :

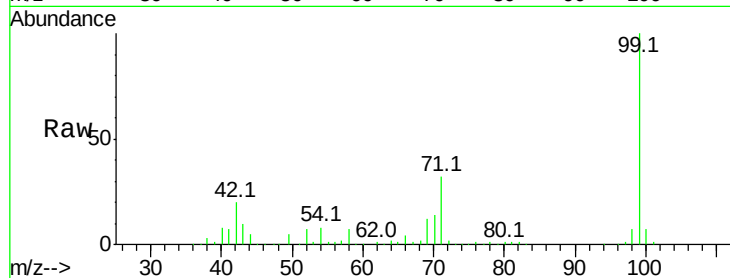
Tot Ion: 99 Resp: 816122

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	31.9	25.4	38.0

99 100

42 19.5 14.5 21.7

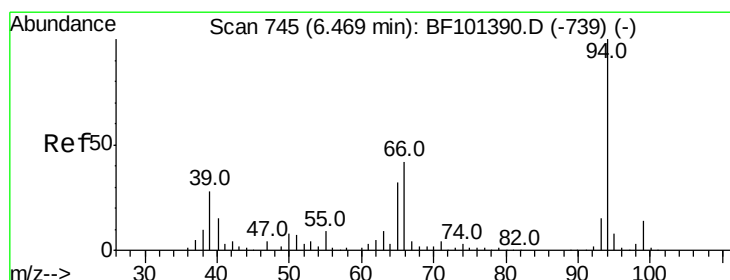
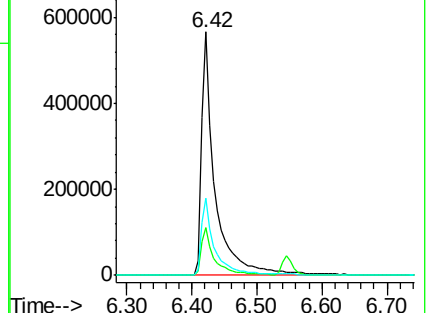
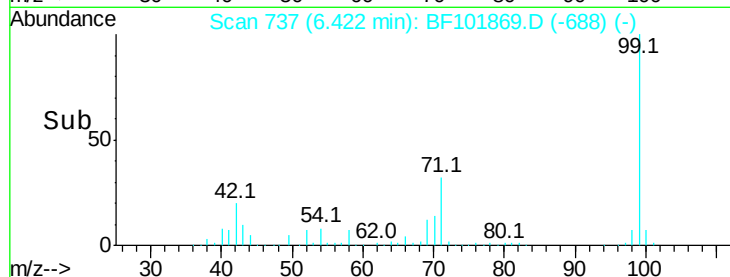
71 31.9 25.4 38.0



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



#10

Phenol

Concen: 3.402 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

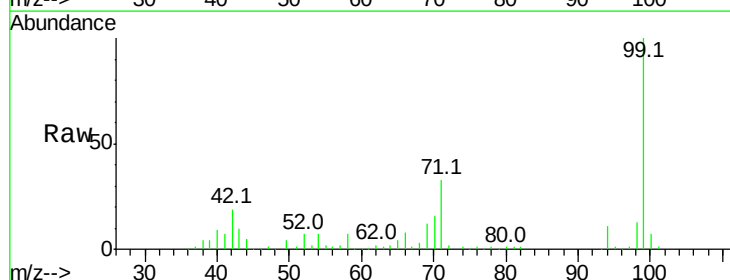
Tgt Ion: 94 Resp: 36315

Ion	Ratio	Lower	Upper
94	100		
65	36.6	7.9	47.9
66	71.8	16.2	56.2

94 100

65 36.6 7.9 47.9

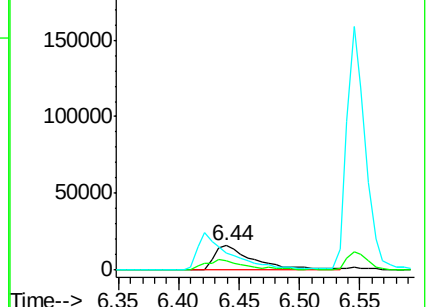
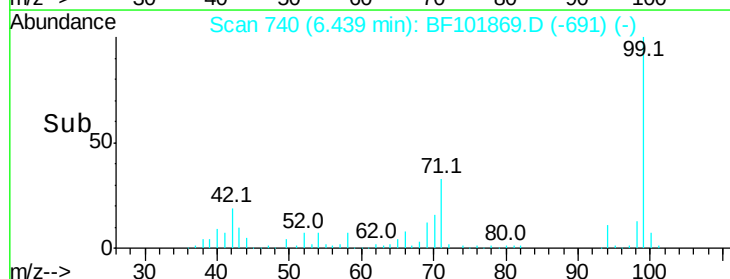
66 71.8 16.2 56.2

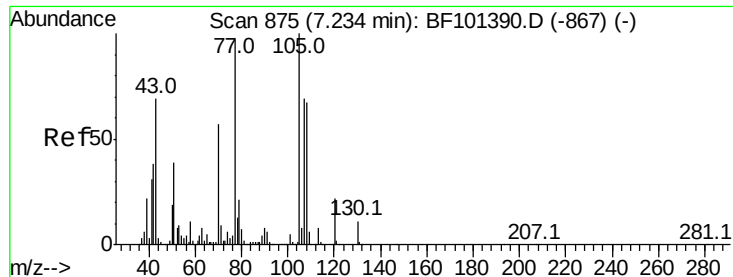


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 9.716 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.14 min

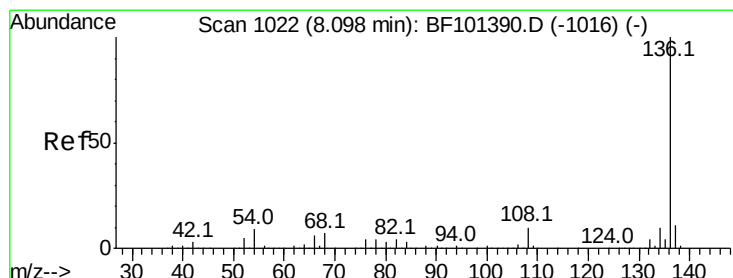
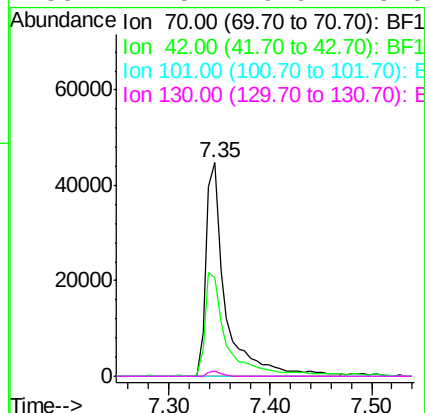
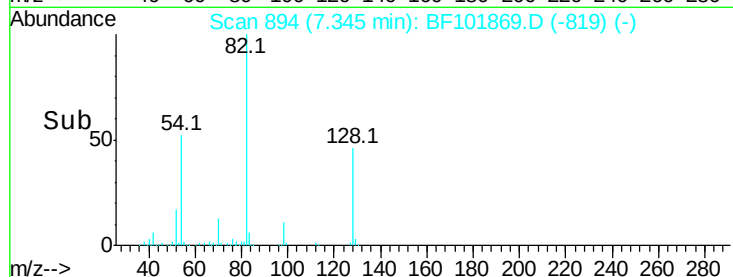
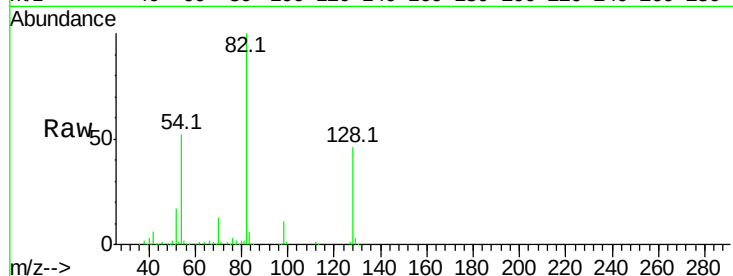
Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 59754

Ion	Ratio	Lower	Upper
70	100		
42	46.2	47.5	71.3#
101	0.0	7.4	11.2#
130	2.5	16.6	25.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

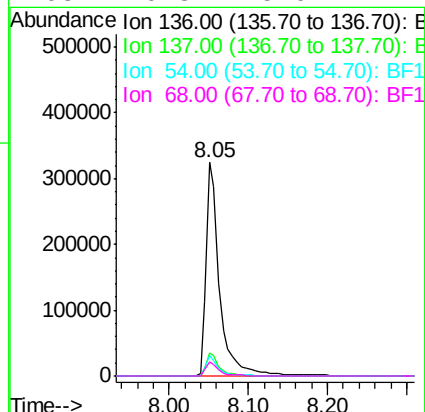
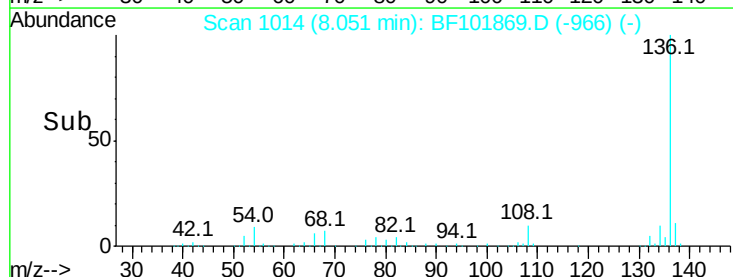
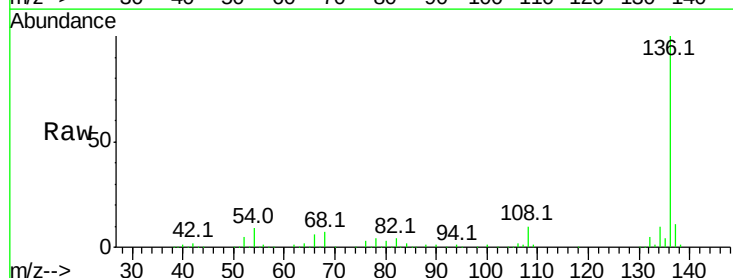
Delta R.T. -0.02 min

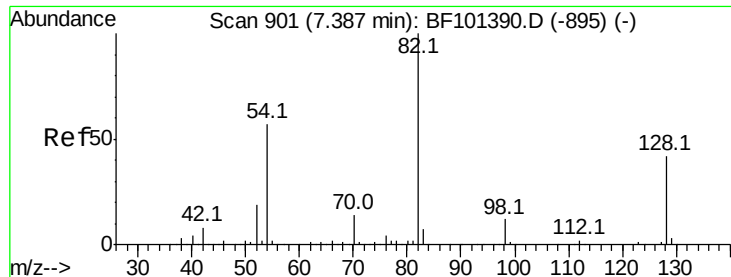
Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

Tgt Ion: 136 Resp: 391850

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	6.8	5.0	7.4

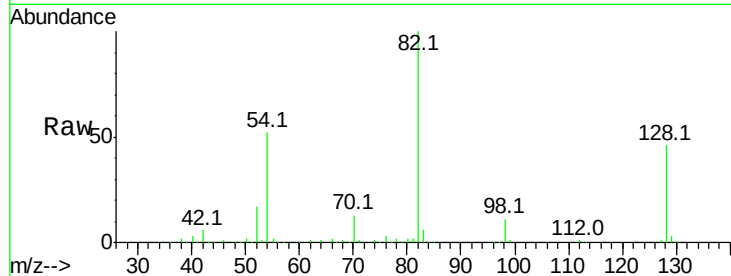




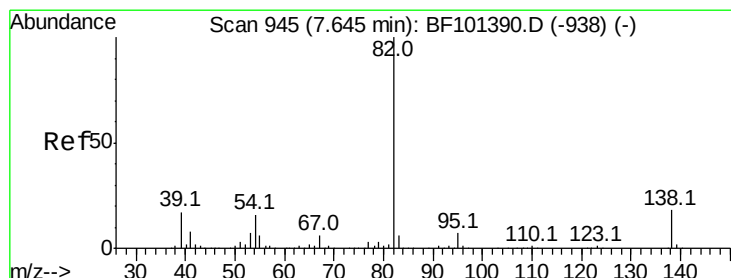
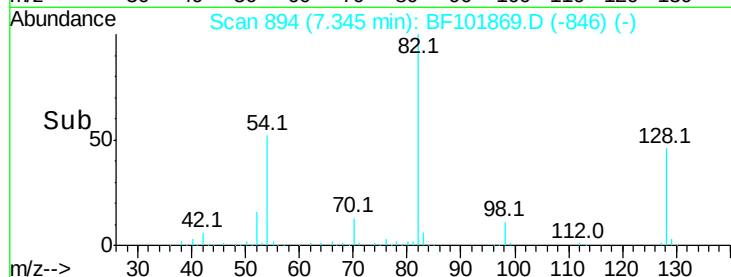
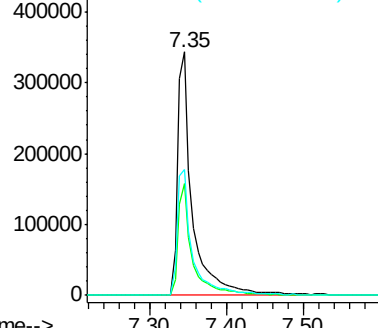
#23
Nitrobenzene-d5
Concen: 65.612 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	461866
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	51.6	41.4	62.2

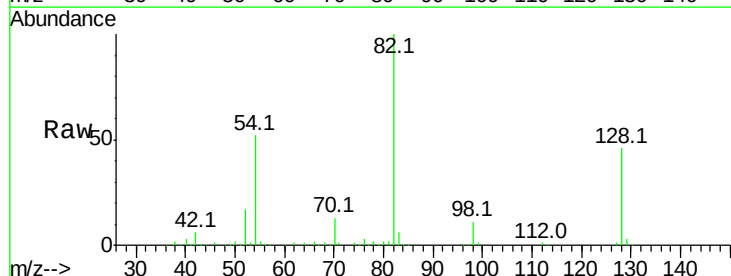


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

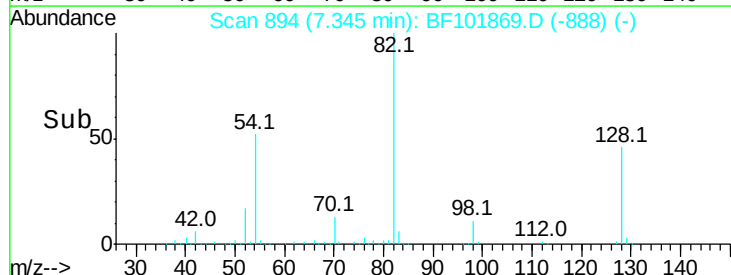
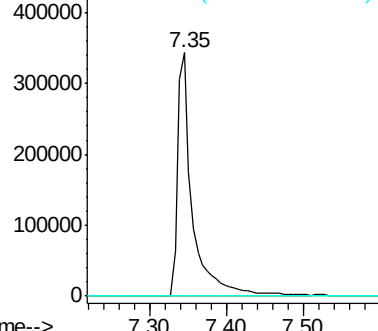


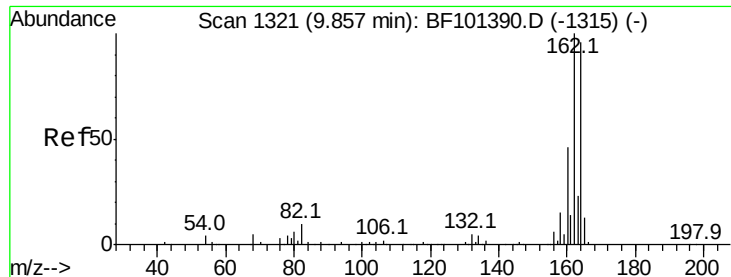
#25
Isophorone
Concen: 32.707 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.26 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Tgt Ion	82	Resp	461866
Ion Ratio	100		
Lower	5.2		
Upper	7.8#		
95	0.0	14.9	22.3#
138	0.0		



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

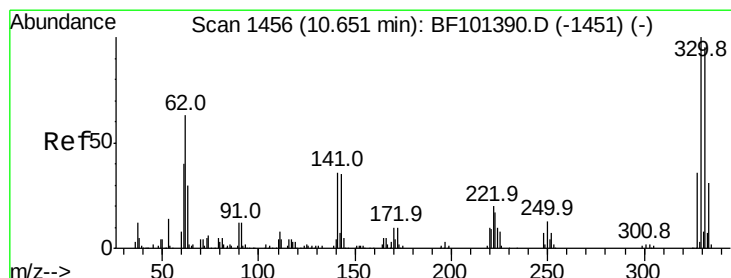
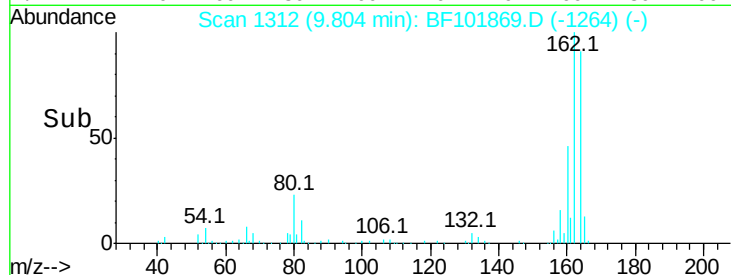
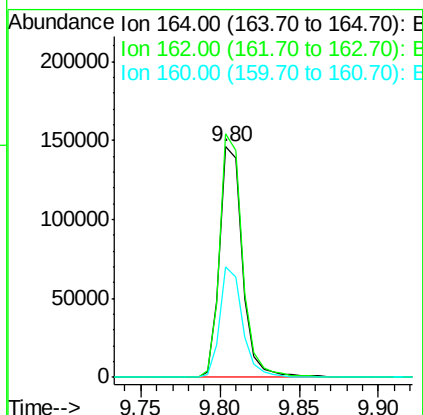
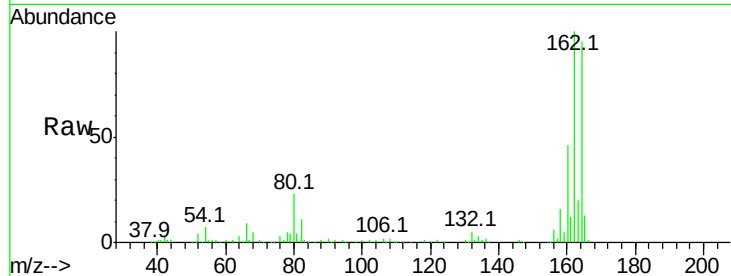




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.02 min
 Lab File: BF101869.D
 Acq: 3 Jan 2018 19:25

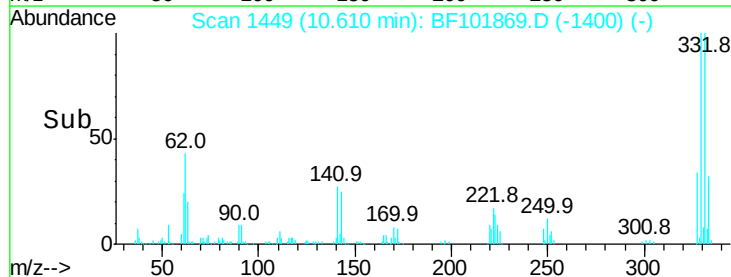
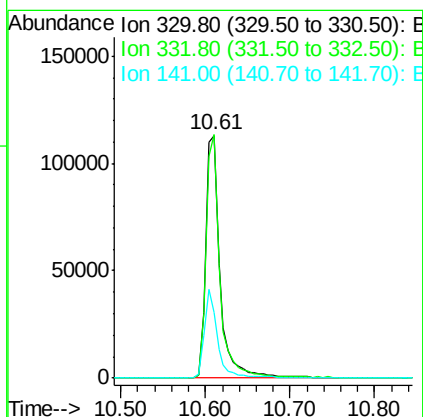
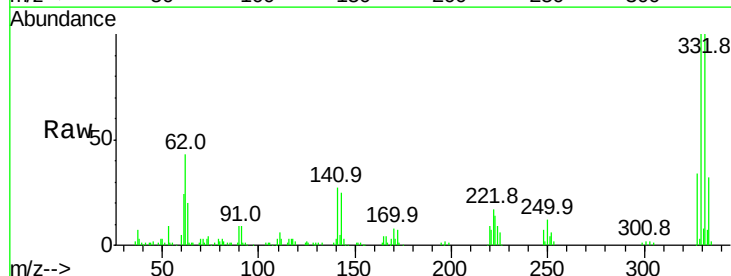
Instrument :
 BNA_F
 ClientSampleId :

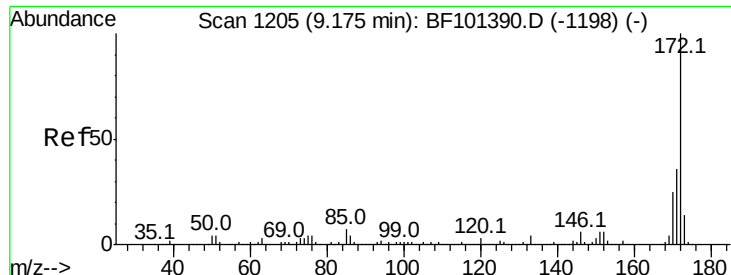
Tot Ion:164 Resp: 146584
 Ion Ratio Lower Upper
 164 100
 162 105.7 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 94.717 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101869.D
 Acq: 3 Jan 2018 19:25

Tgt Ion:330 Resp: 133783
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 33.6 29.9 44.9

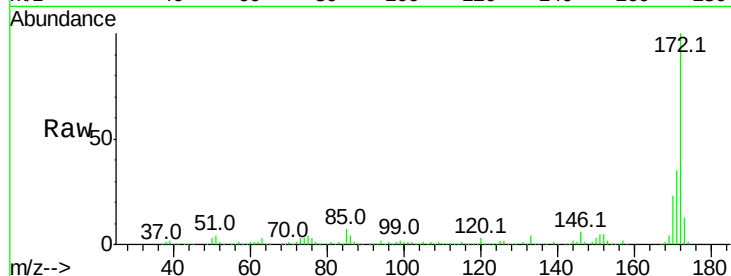




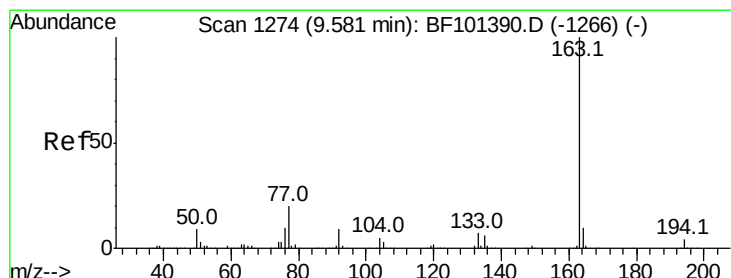
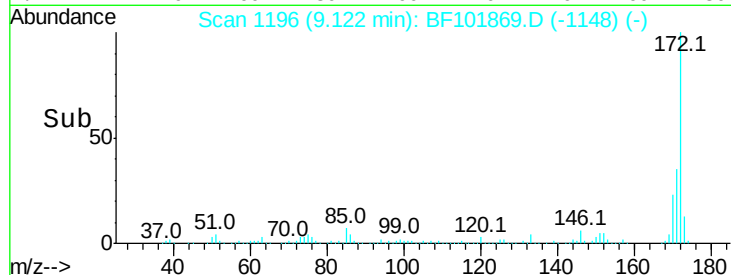
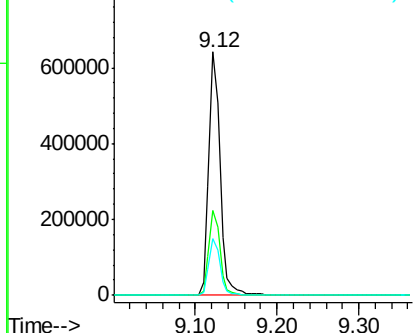
#44
2-Fluorobiphenyl
Concen: 65.466 ng
RT: 9.12 min Scan# 1196
Delta R.T. -0.02 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 618622
Ion Ratio Lower Upper
172 100
171 34.9 29.7 44.5
170 23.4 19.6 29.4

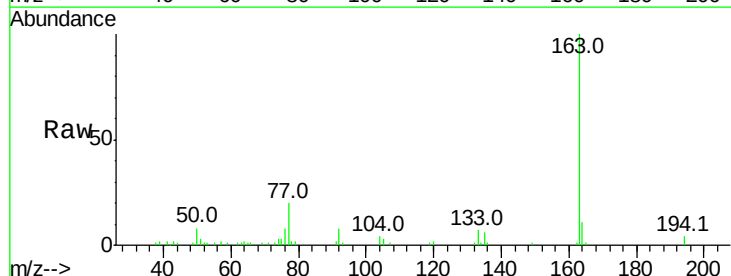


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

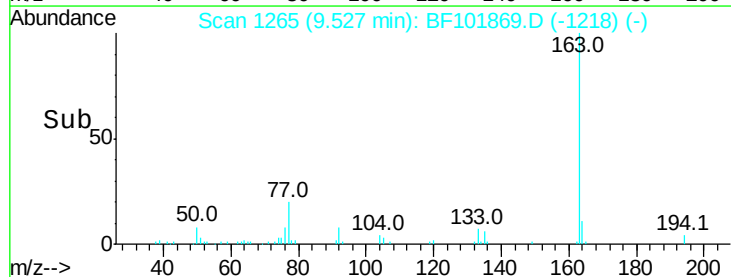
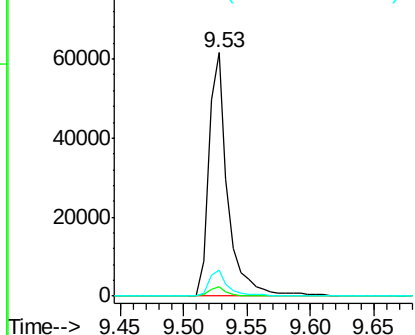


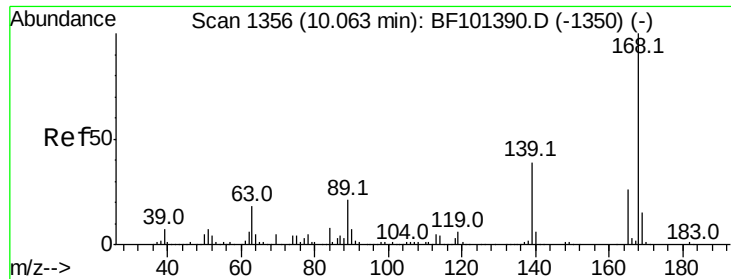
#49
Dimethylphthalate
Concen: 5.439 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Tgt Ion:163 Resp: 64124
Ion Ratio Lower Upper
163 100
194 4.0 2.7 4.1
164 10.7 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

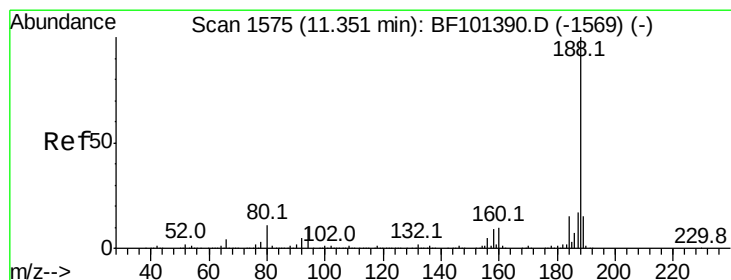
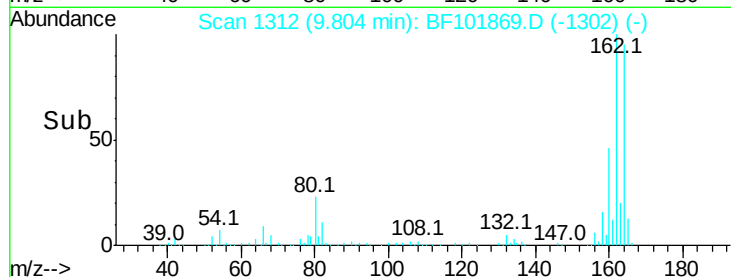
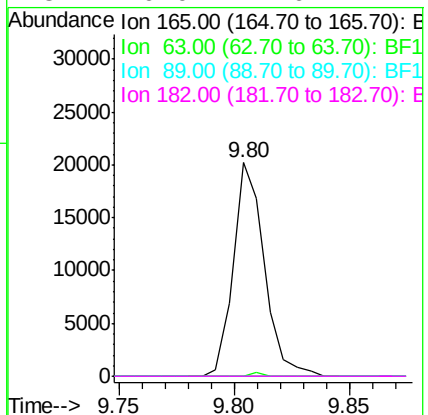
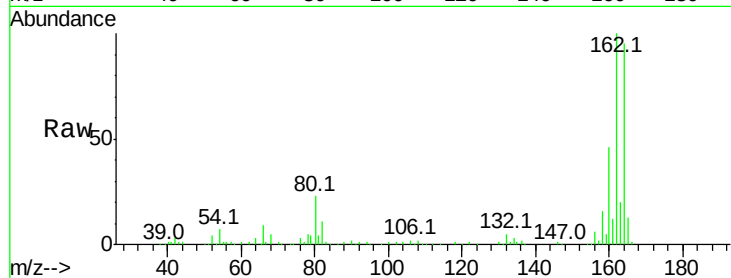




#56
2,4-Dinitrotoluene
Concen: 7.001 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.24 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

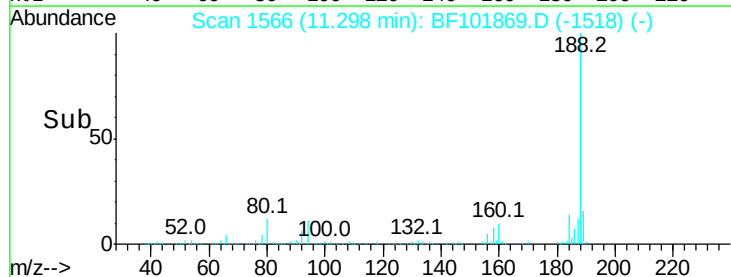
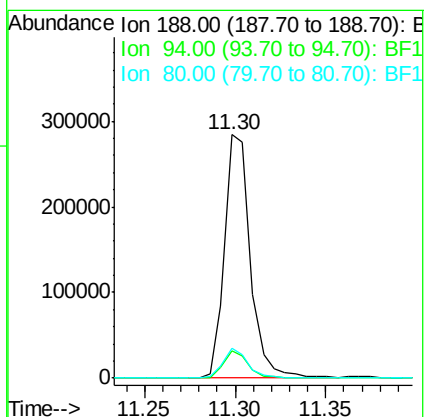
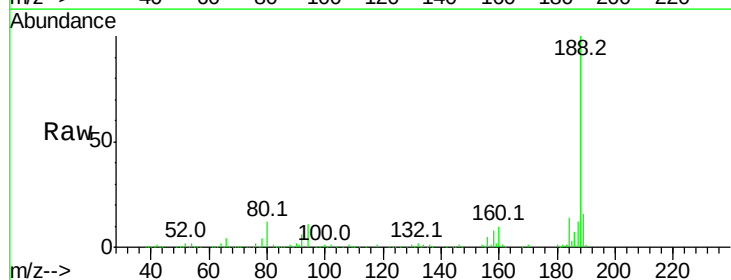
Instrument :
BNA_F
ClientSampleId :

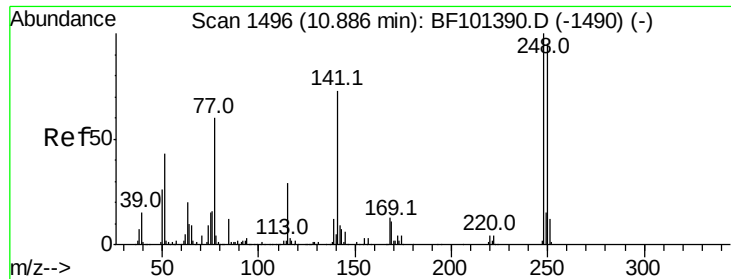
Tot Ion:165 Resp: 18901
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.02 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Tgt Ion:188 Resp: 283473
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 12.4 9.2 13.8

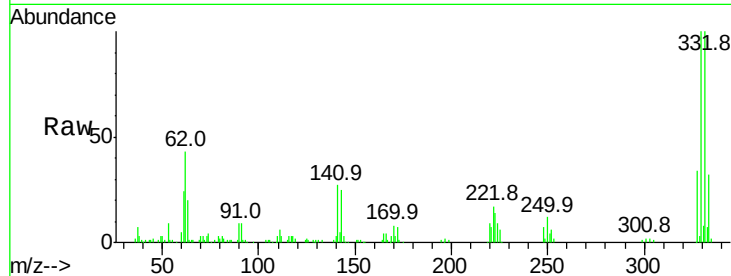




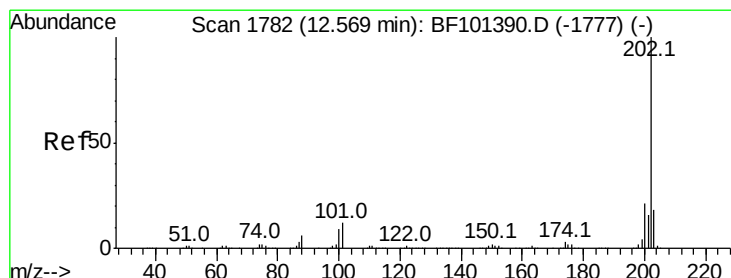
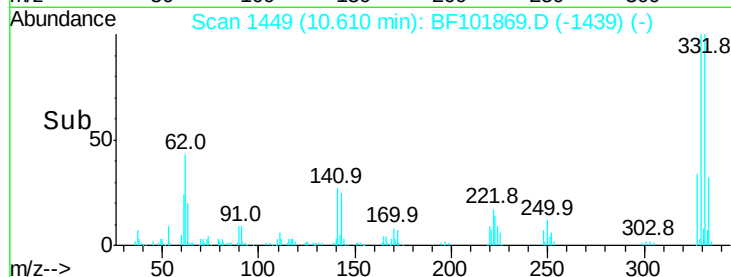
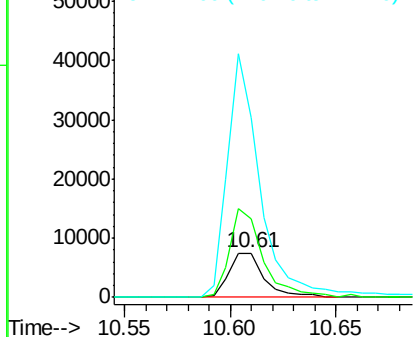
#66
 4-Bromophenyl-phenylether
 Concen: 2.702 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF101869.D
 Acq: 3 Jan 2018 19:25

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 8607
 Ion Ratio Lower Upper
 248 100
 250 177.2 76.9 115.3#
 141 409.7 74.4 111.6#

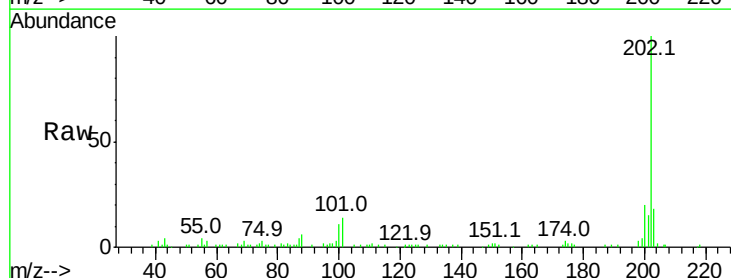


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

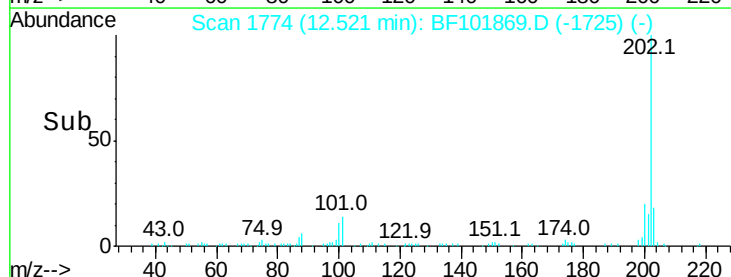
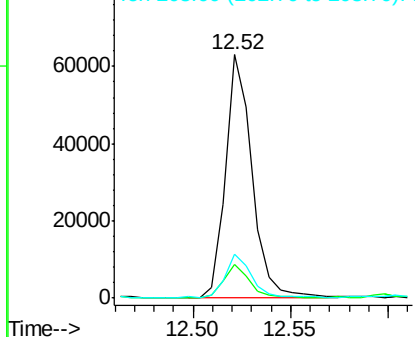


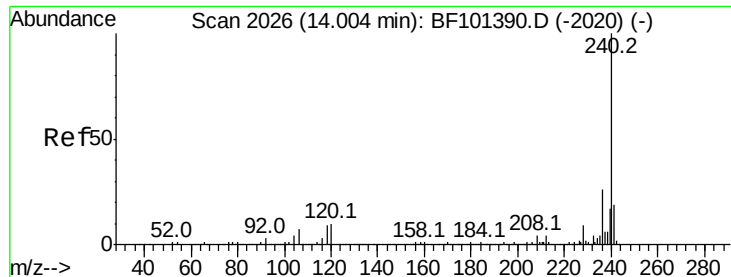
#74
 Fluoranthene
 Concen: 3.608 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF101869.D
 Acq: 3 Jan 2018 19:25

Tgt Ion:202 Resp: 59703
 Ion Ratio Lower Upper
 202 100
 101 13.8 0.0 34.1
 203 18.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.02 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

Instrument :

BNA_F

ClientSampleId :

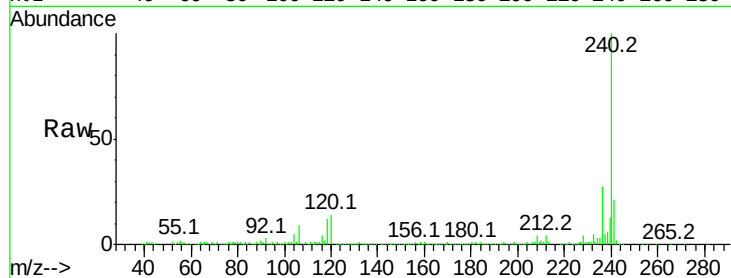
Tot Ion:240 Resp: 274188

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

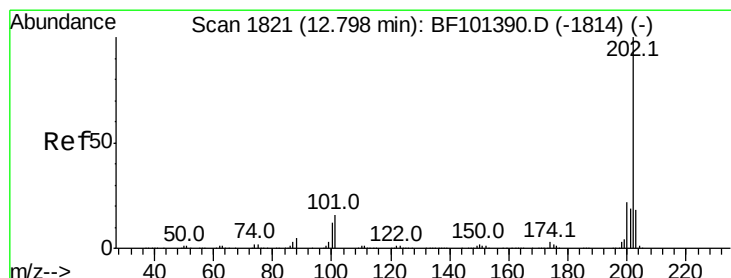
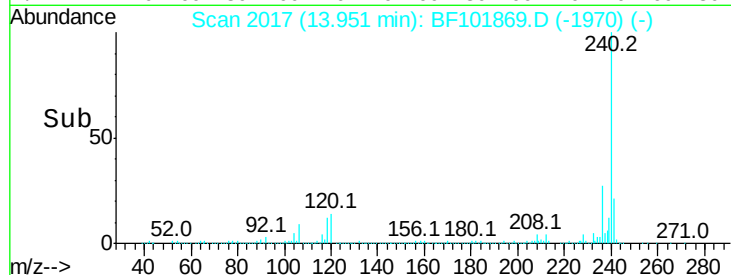
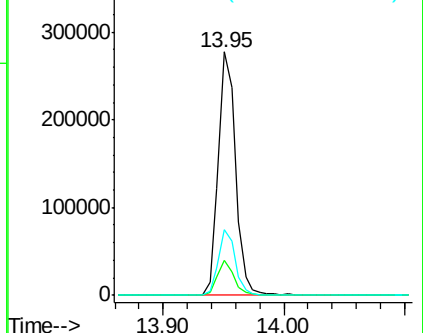
236 26.9 20.7 31.1



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



#77

Pyrene

Concen: 2.914 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

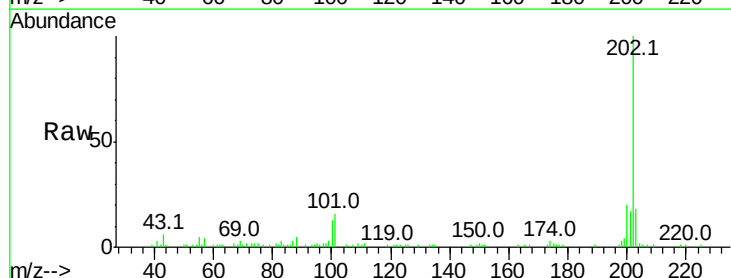
Tgt Ion:202 Resp: 59958

Ion Ratio Lower Upper

202 100

200 20.1 17.4 26.2

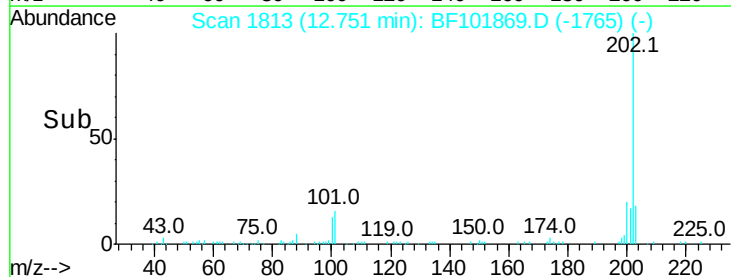
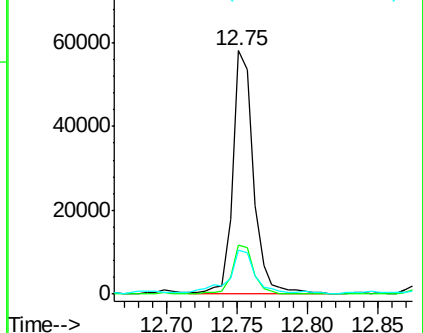
203 18.2 14.3 21.5

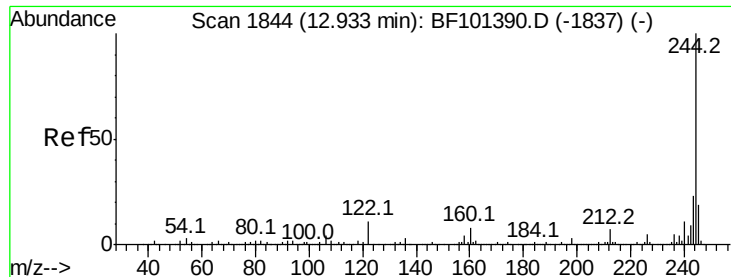


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 54.660 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

Instrument :

BNA_F

ClientSampleId :

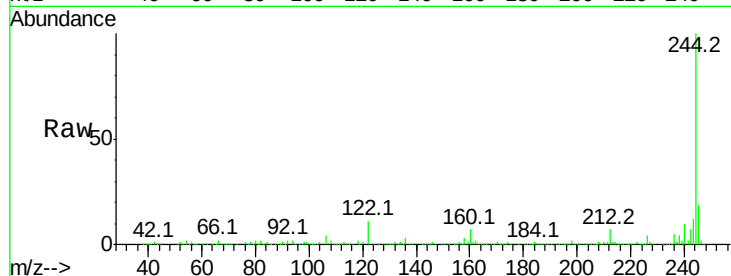
Tot Ion:244 Resp: 621672

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

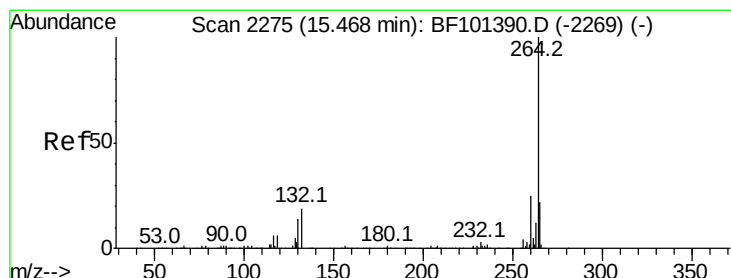
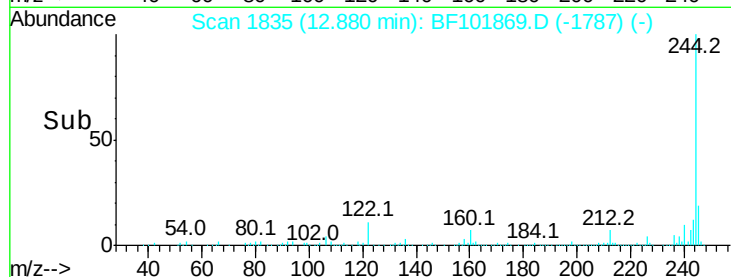
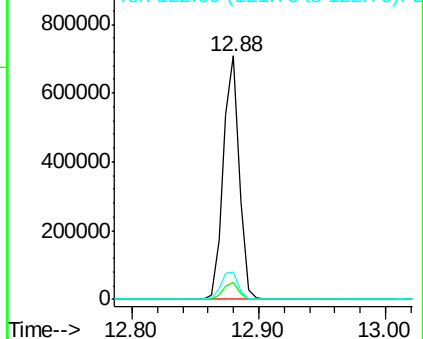
122 11.4 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2267

Delta R.T. -0.02 min

Lab File: BF101869.D

Acq: 3 Jan 2018 19:25

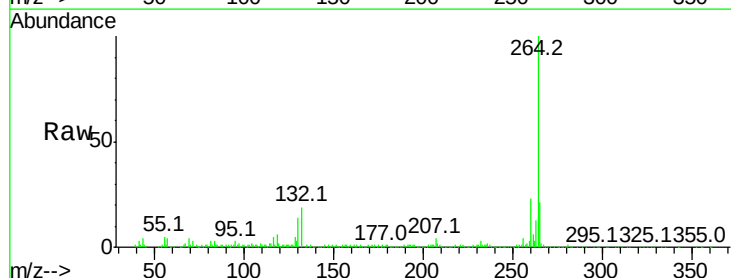
Tgt Ion:264 Resp: 211981

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

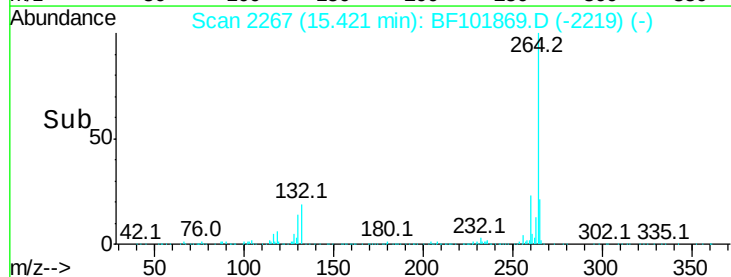
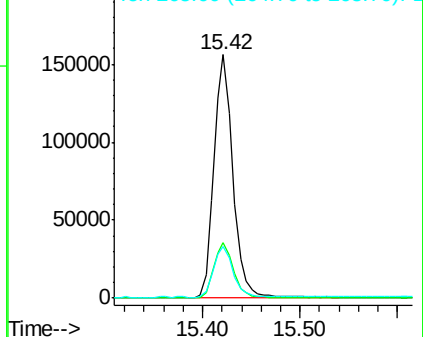
265 21.3 17.5 26.3

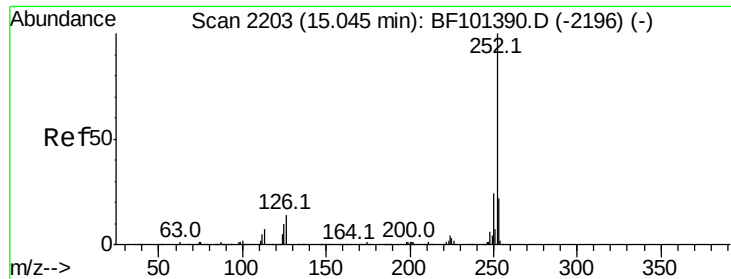


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

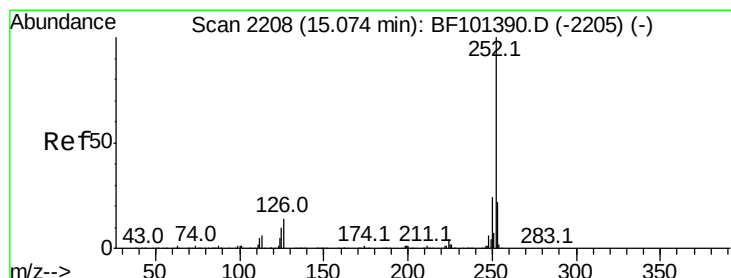
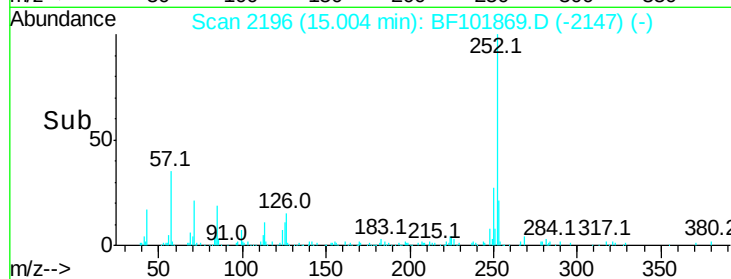
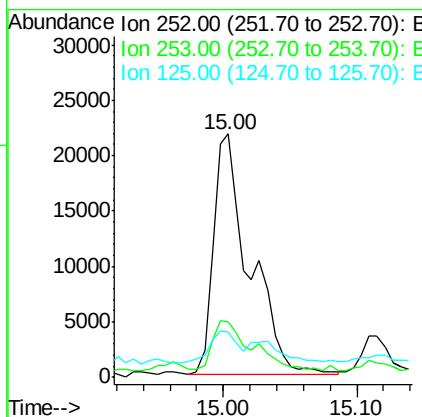
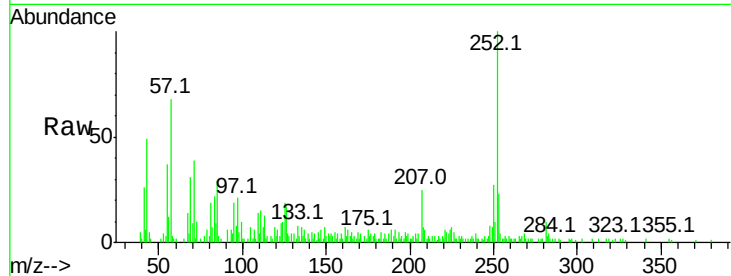




#87
Benzo(b)fluoranthene
Concen: 3.138 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 40539
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 18.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 3.227 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101869.D
Acq: 3 Jan 2018 19:25

Tgt Ion:252 Resp: 40539
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 18.5 10.2 15.2#

