

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF010518\
 Data File : BF101921.D
 Acq On : 5 Jan 2018 11:26
 Operator : SJ/JU
 Sample : J1027-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

Quant Time: Jan 05 12:15:48 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	146204	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	541007	20.00	ng	-0.02
38) Acenaphthene-d10	9.81	164	199034	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	290803	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	262595	20.00	ng	-0.02
86) Perylene-d12	15.43	264	277392	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1049545	106.93	ng	0.00
7) Phenol-d6	6.43	99	1240963	101.59	ng	0.00
23) Nitrobenzene-d5	7.35	82	765623	78.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	139923	72.96	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	926167	72.18	ng	-0.01
78) Terphenyl-d14	12.88	244	673958	61.87	ng	-0.02

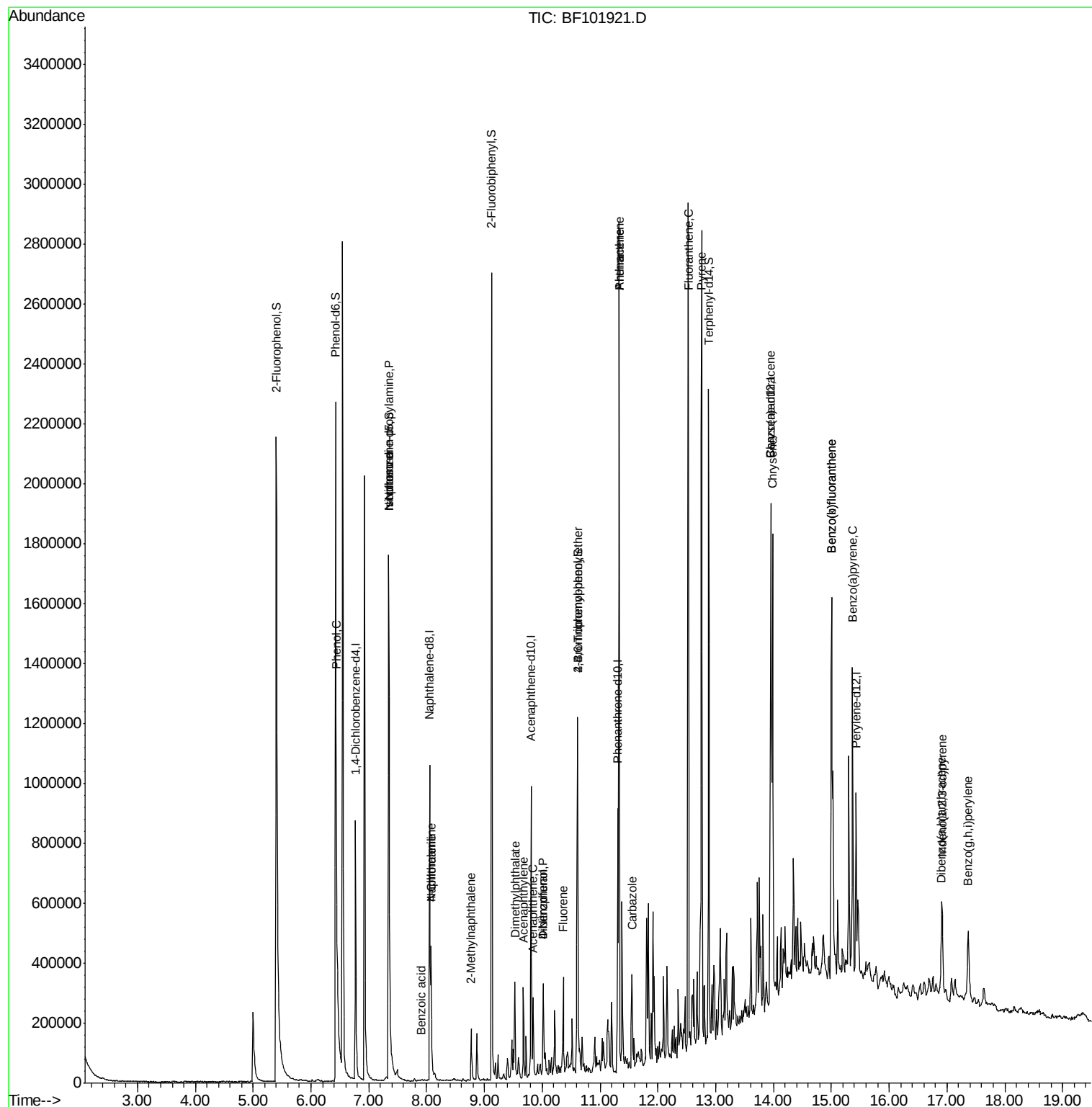
Target Compounds					Qvalue	
10) Phenol	6.44	94	52899	3.800	ng	# 50
19) n-Nitroso-di-n-propylamine	7.35	70	101737	12.682	ng	# 84
25) Isophorone	7.35	82	765623	39.269	ng	# 64
31) Naphthalene	8.07	128	217300	7.978	ng	100
32) Benzoic acid	7.92	122	2770	8.398	ng	# 27
33) 4-Chloroaniline	8.07	127	27829	2.351	ng	# 36
37) 2-Methylnaphthalene	8.77	142	60201	3.393	ng	98
48) Acenaphthylene	9.67	152	123506	5.790	ng	99
49) Dimethylphthalate	9.53	163	142654	8.911	ng	99
51) Acenaphthene	9.84	154	54354	4.241	ng	100
54) Dibenzofuran	10.02	168	117951	7.242	ng	96
55) 4-Nitrophenol	10.02	139	48549	27.446	ng	# 11
57) Fluorene	10.36	166	104152	7.559	ng	96
66) 4-Bromophenyl-phenylether	10.61	248	9728	2.977	ng	# 1
70) Phenanthrene	11.33	178	1063355	65.753	ng	99
71) Anthracene	11.33	178	1063355	64.371	ng	99
72) Carbazole	11.55	167	109577	7.085	ng	99
74) Fluoranthene	12.53	202	1210886	71.334	ng	98
77) Pyrene	12.76	202	1118287	56.744	ng	99
80) Benzo(a)anthracene	13.94	228	614107	35.417	ng	97
82) Chrysene	13.99	228	595041	36.346	ng	97
85) Indeno(1,2,3-cd)pyrene	16.92	276	252730	17.335	ng	# 90
87) Benzo(b)fluoranthene	15.00	252	945632	55.929	ng	95
88) Benzo(k)fluoranthene	15.00	252	945632	57.524	ng	98
89) Benzo(a)pyrene	15.37	252	519112	33.305	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	75076	5.610	ng	97
91) Benzo(g,h,i)perylene	17.37	276	211034	15.926	ng	96

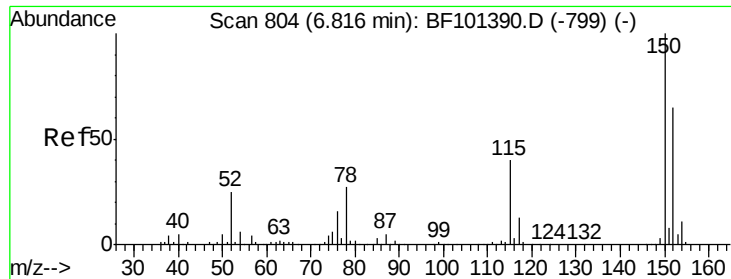
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF010518\
Data File : BF101921.D
Acq On : 5 Jan 2018 11:26
Operator : SJ/JU
Sample : J1027-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR251678

Quant Time: Jan 05 12:15:48 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



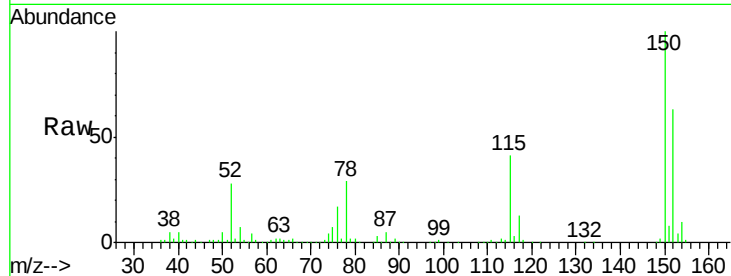


#1

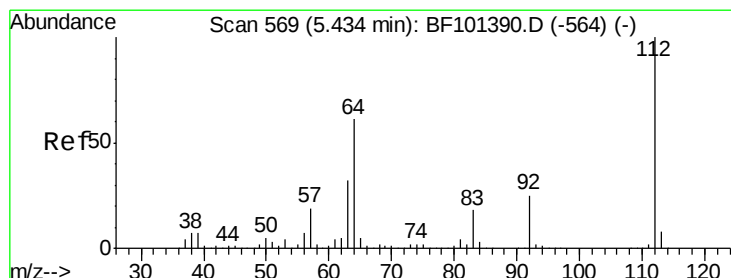
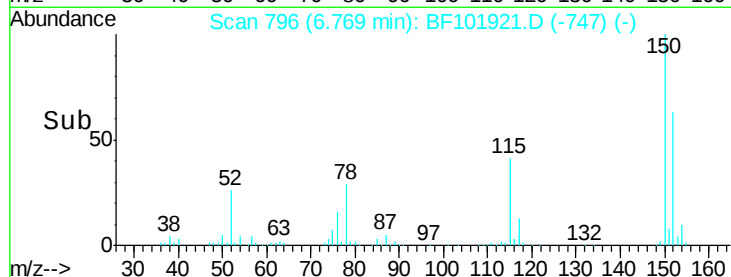
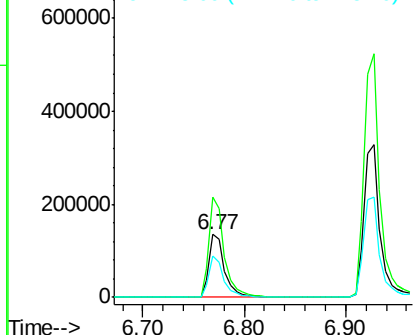
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Instrument :
BNA_F
ClientSampleId :
RBR251678

Tgt Ion:152 Resp: 146204
Ion Ratio Lower Upper
152 100
150 159.4 124.6 186.8
115 65.3 50.1 75.1



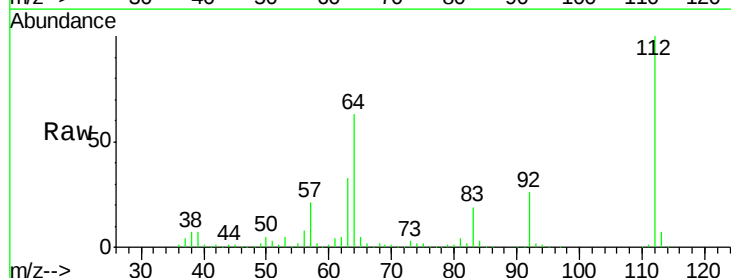
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



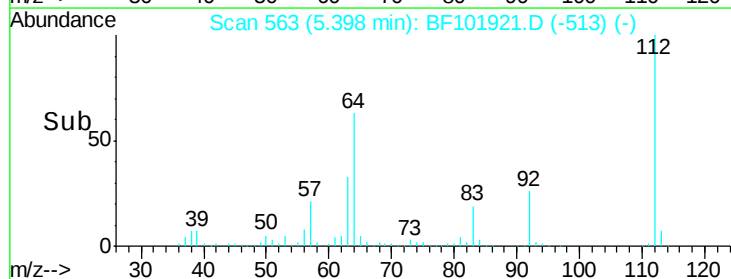
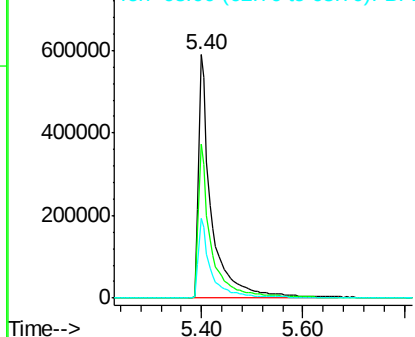
#5

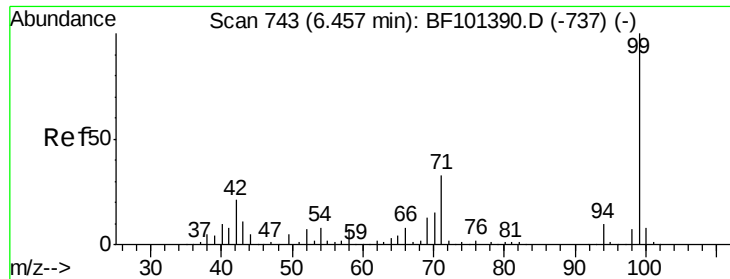
2-Fluorophenol
Concen: 106.931 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion:112 Resp: 1049545
Ion Ratio Lower Upper
112 100
64 63.4 47.9 71.9
63 33.0 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: 101.591 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

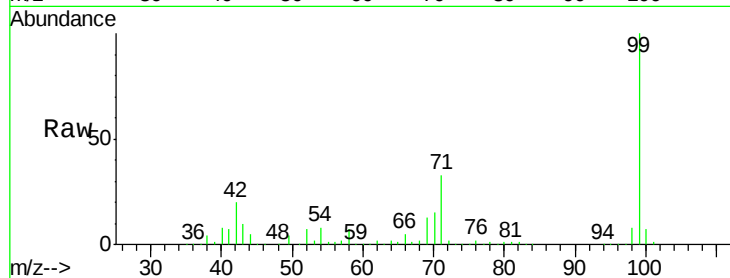
Tgt Ion: 99 Resp: 1240963

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

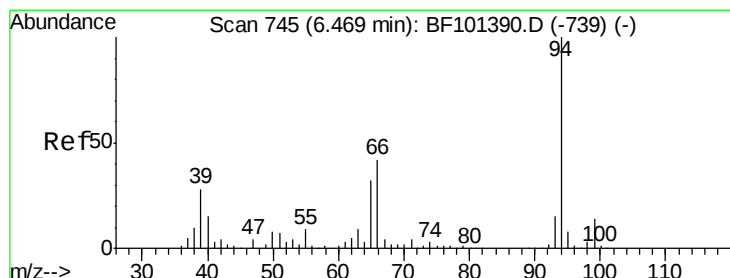
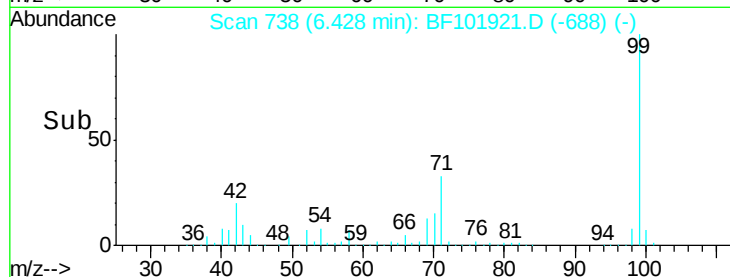
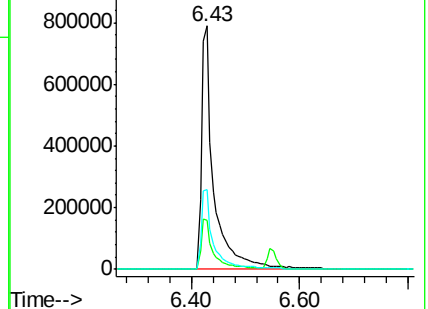
71 32.9 25.4 38.0



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: 3.800 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

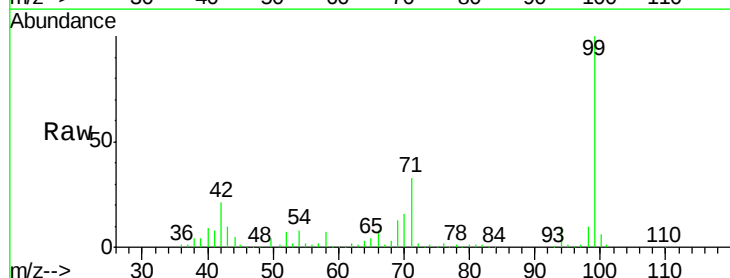
Tgt Ion: 94 Resp: 52899

Ion Ratio Lower Upper

94 100

65 40.6 7.9 47.9

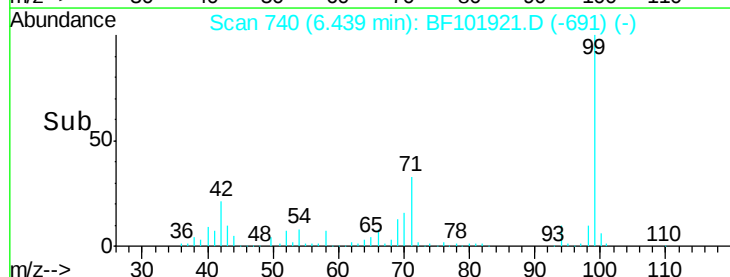
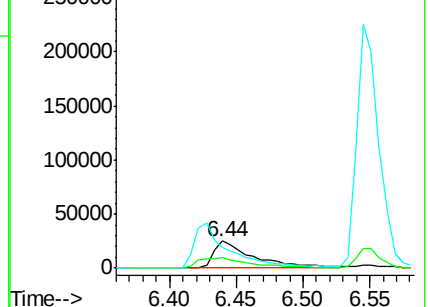
66 77.5 16.2 56.2#

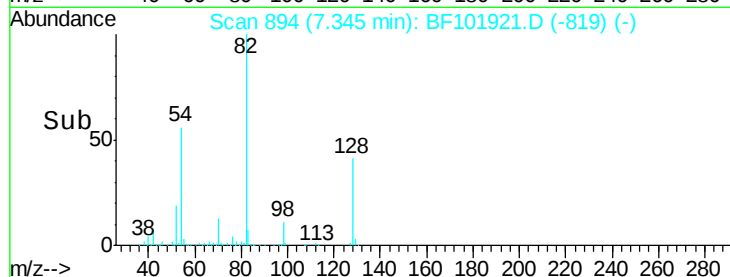
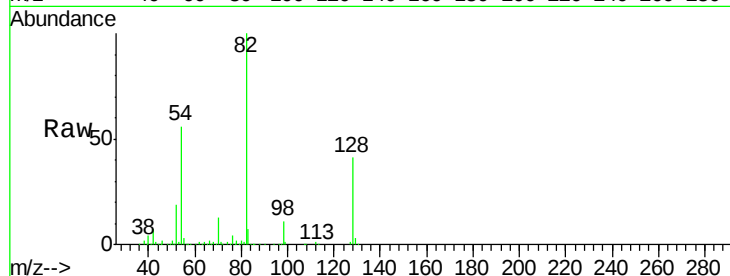
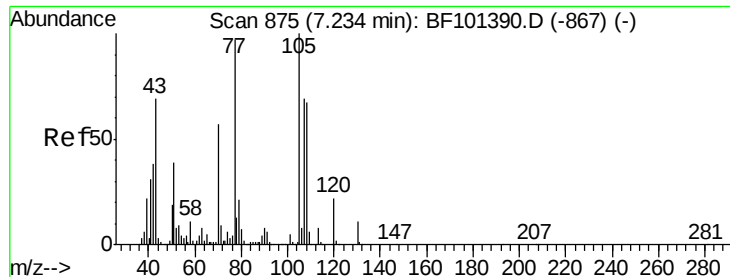


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

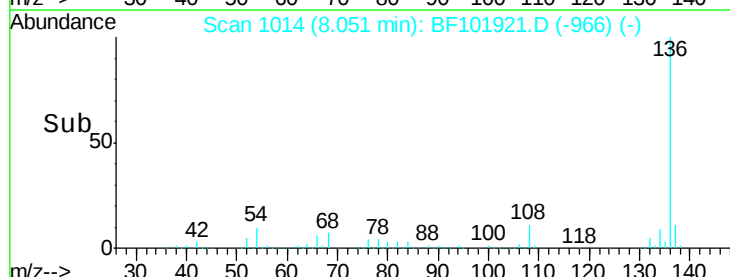
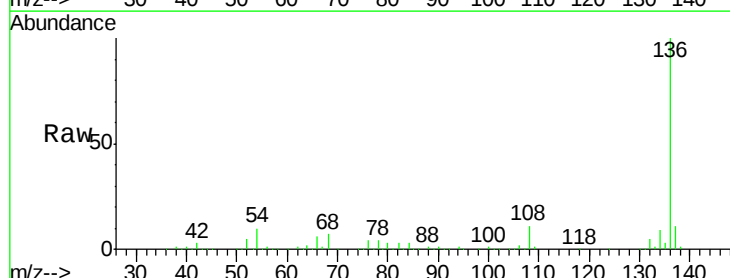
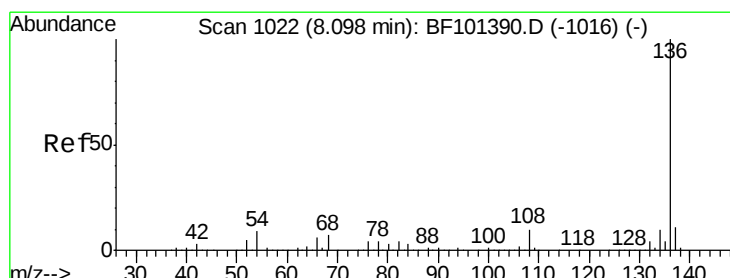
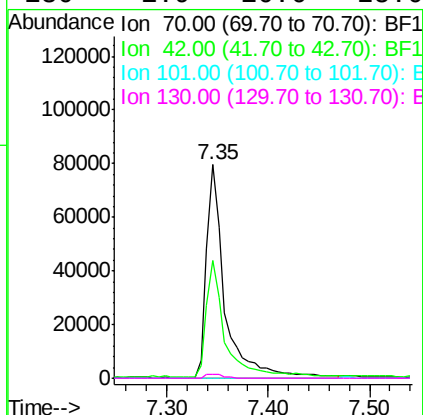




#19
n-Nitroso-di-n-propylamine
Concen: 12.682 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.14 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

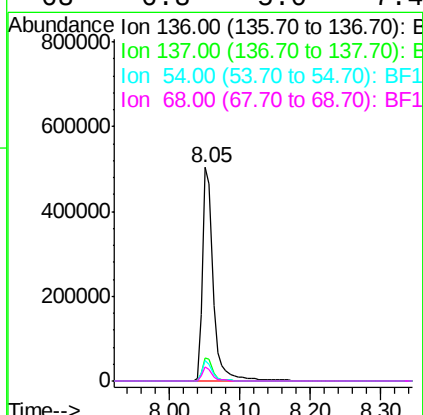
Instrument :
BNA_F
ClientSampleId :
RBR251678

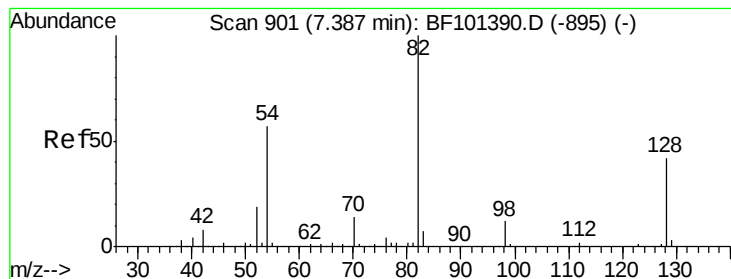
Tgt Ion: 70 Resp: 101737
Ion Ratio Lower Upper
70 100
42 55.3 47.5 71.3
101 0.0 7.4 11.2#
130 1.9 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion: 136 Resp: 541007
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 9.8 6.6 9.8
68 6.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 78.777 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.02 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

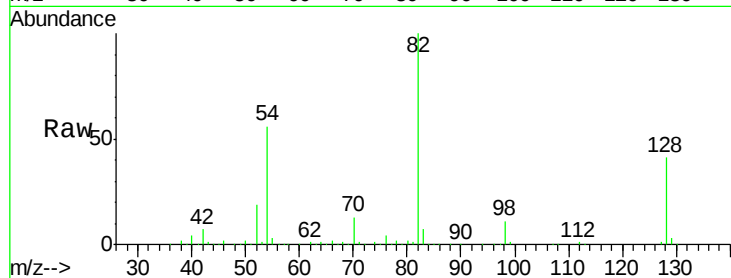
Tgt Ion: 82 Resp: 765623

Ion Ratio Lower Upper

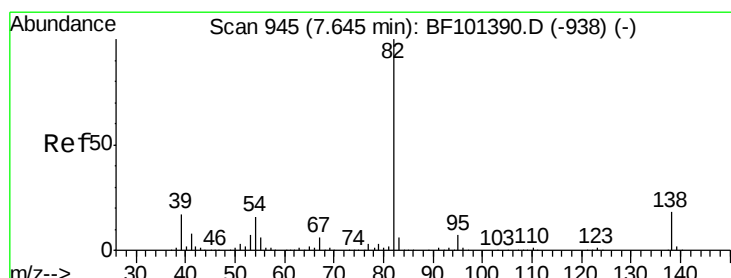
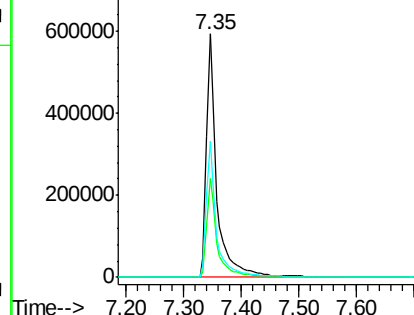
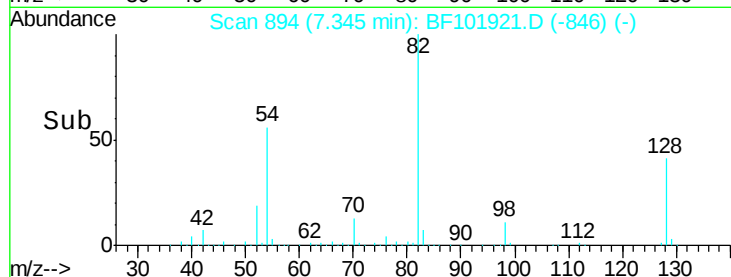
82 100

128 40.8 36.1 54.1

54 55.8 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: 39.269 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.26 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

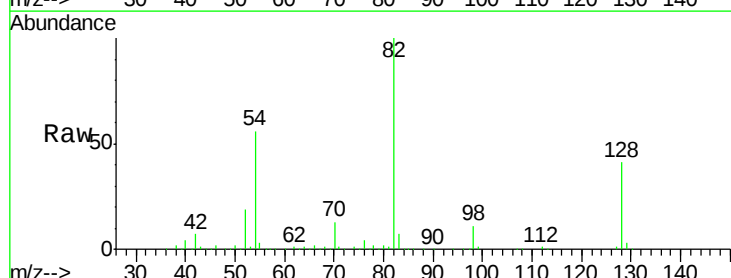
Tgt Ion: 82 Resp: 765623

Ion Ratio Lower Upper

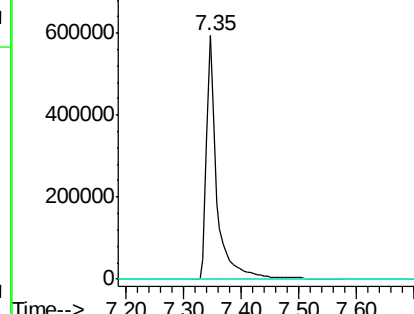
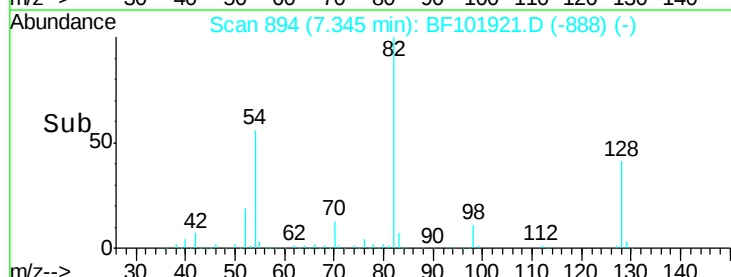
82 100

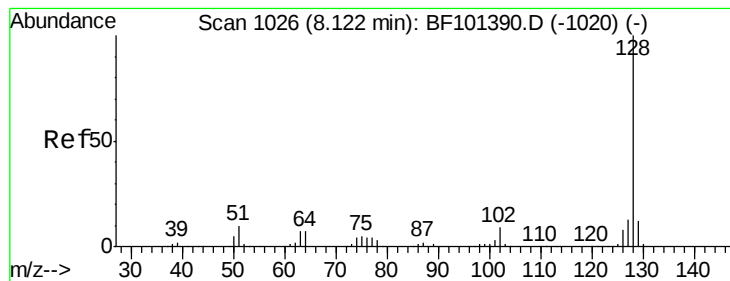
95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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





#31

Naphthalene

Concen: 7.978 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

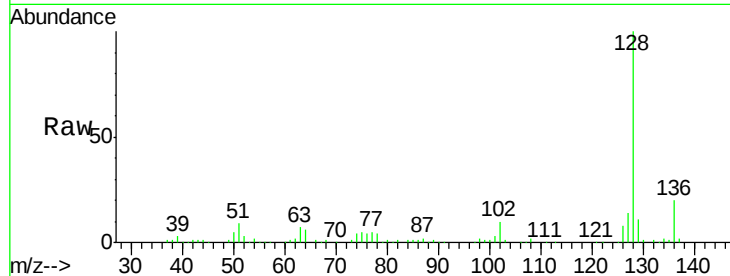
Tgt Ion:128 Resp: 217300

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

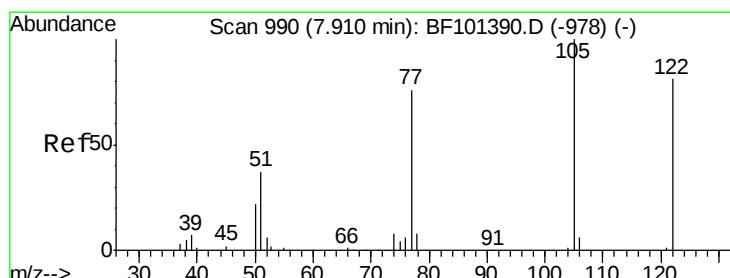
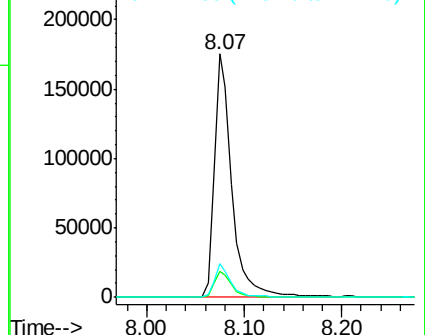
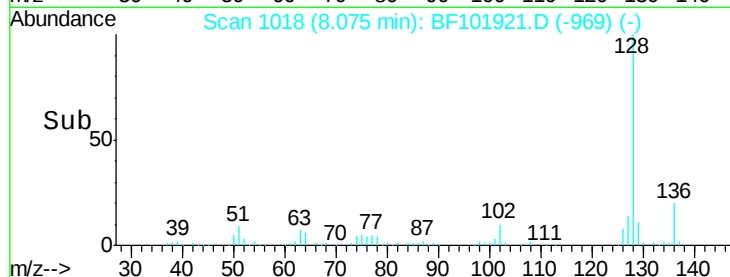
127 13.7 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 8.398 ng

RT: 7.92 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

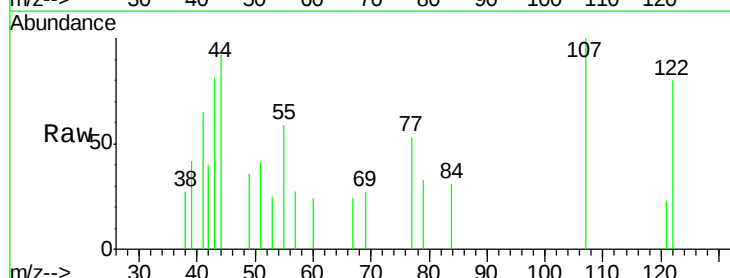
Tgt Ion:122 Resp: 2770

Ion Ratio Lower Upper

122 100

105 0.0 101.1 141.1#

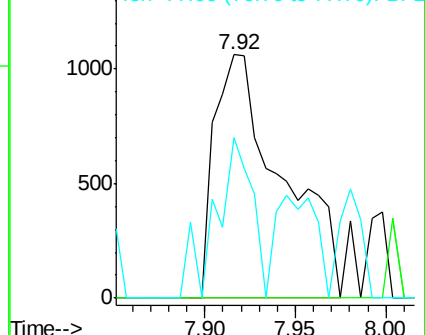
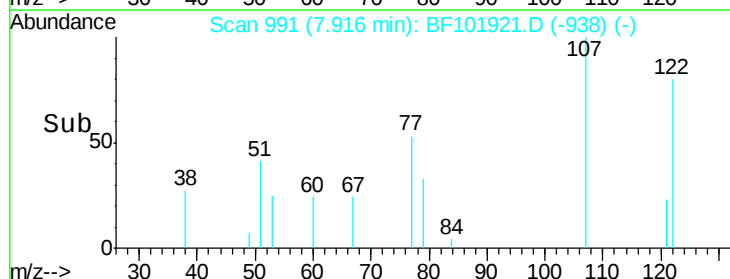
77 66.1 70.7 110.7#

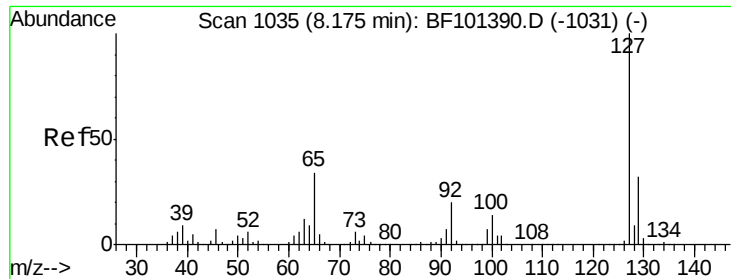


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

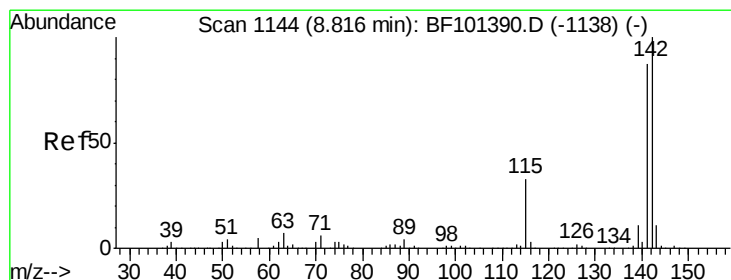
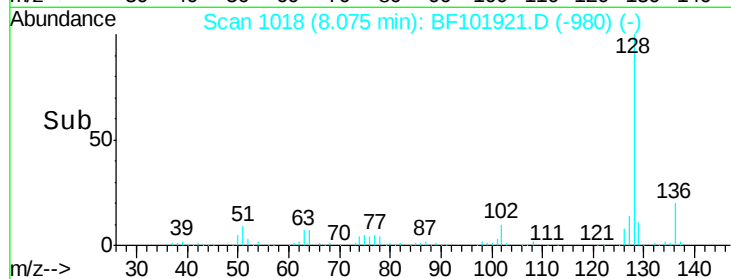
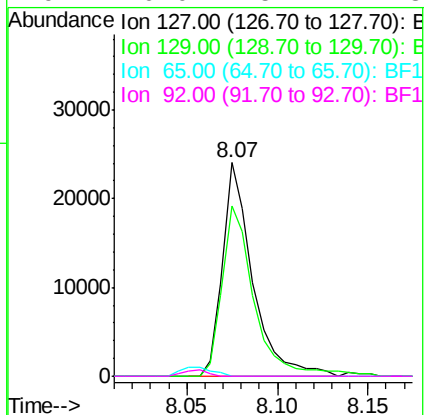
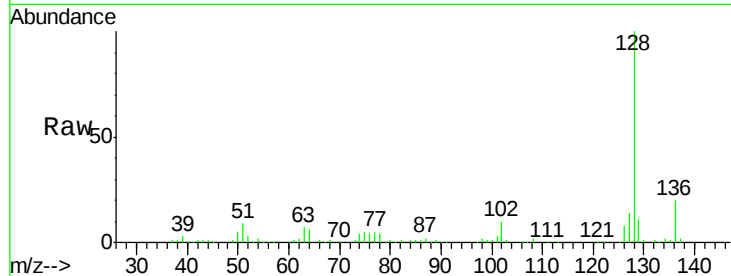




#33
 4-Chloroaniline
 Concen: 2.351 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.08 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

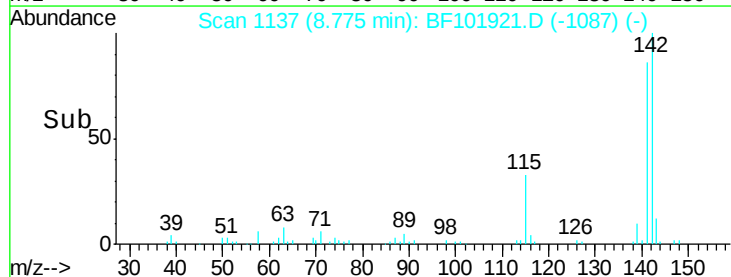
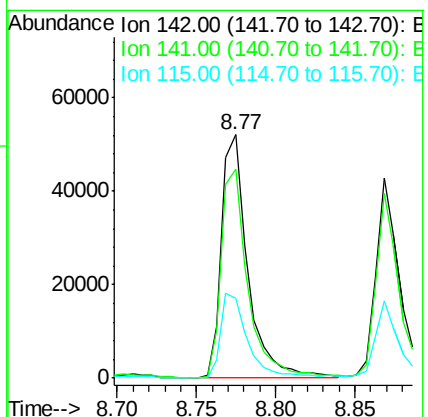
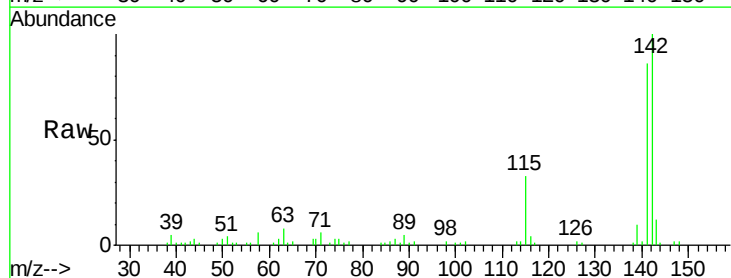
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

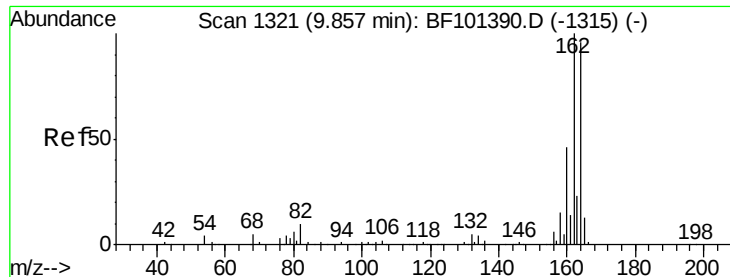
Tgt Ion:	127	Resp:	27829
Ion	Ratio	Lower	Upper
127	100		
129	79.7	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



#37
 2-Methylnaphthalene
 Concen: 3.393 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion:	142	Resp:	60201
Ion	Ratio	Lower	Upper
142	100		
141	85.8	70.8	106.2
115	32.5	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

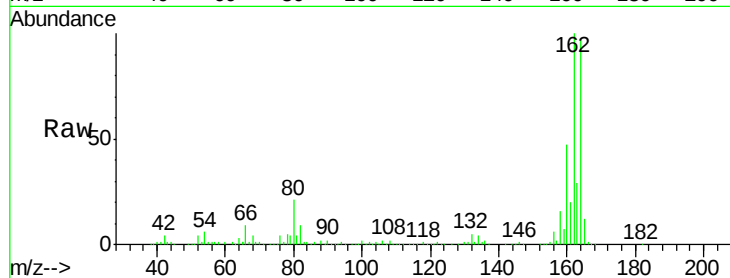
Tgt Ion:164 Resp: 199034

Ion Ratio Lower Upper

164 100

162 103.4 86.1 129.1

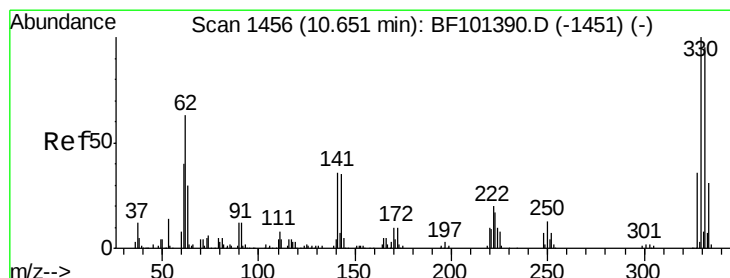
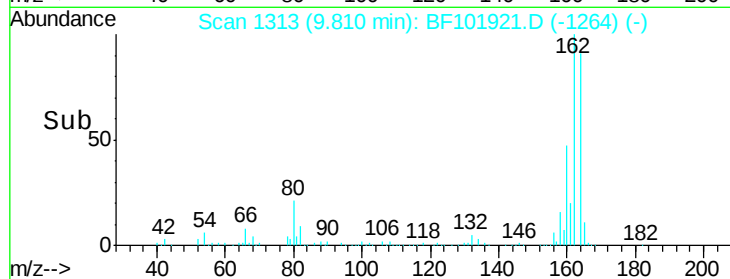
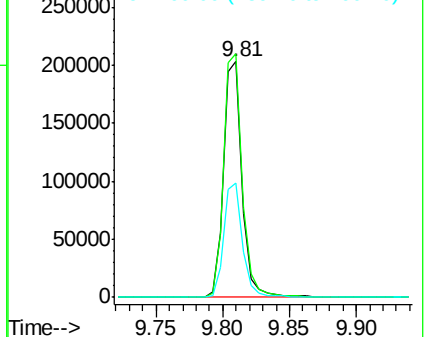
160 48.3 38.3 57.5



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: 72.958 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

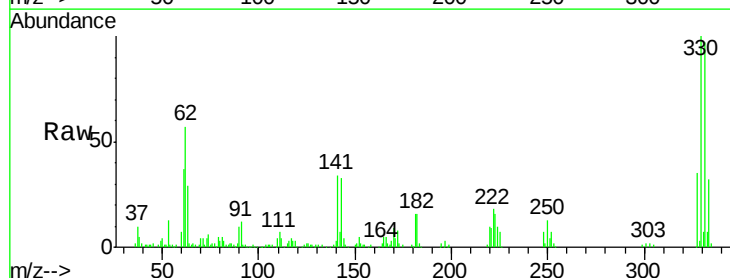
Tgt Ion:330 Resp: 139923

Ion Ratio Lower Upper

330 100

332 96.1 77.0 115.6

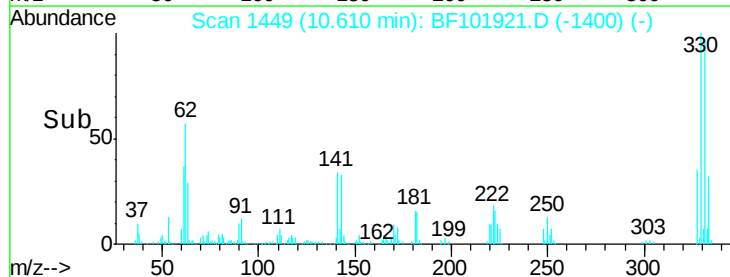
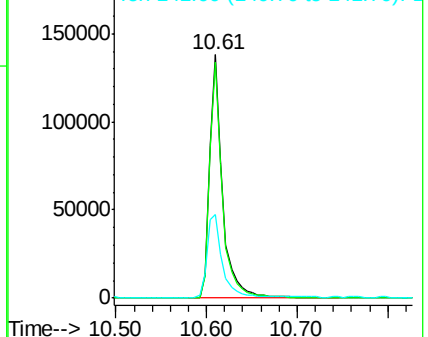
141 41.7 29.9 44.9

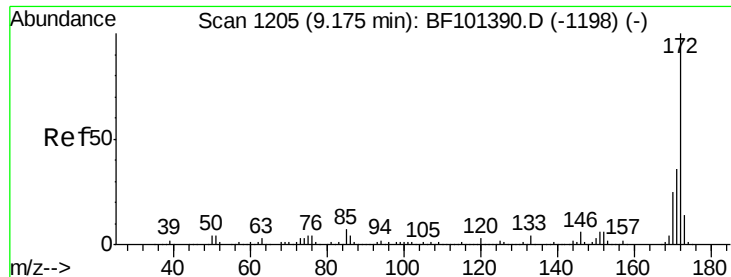


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

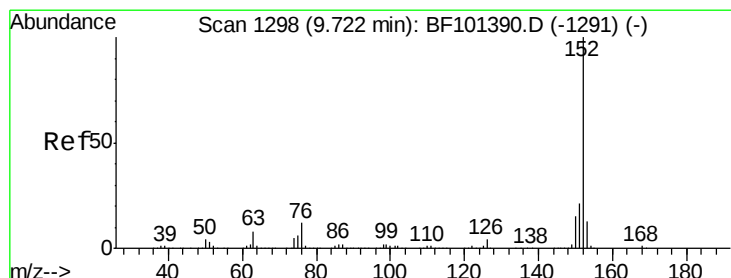
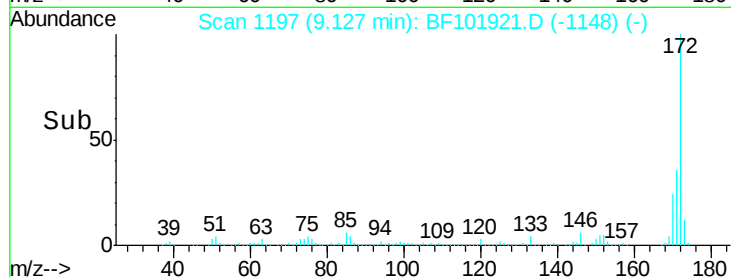
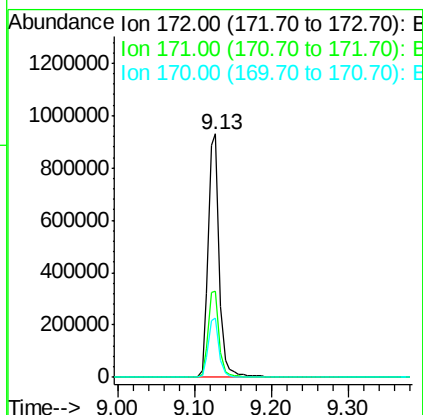
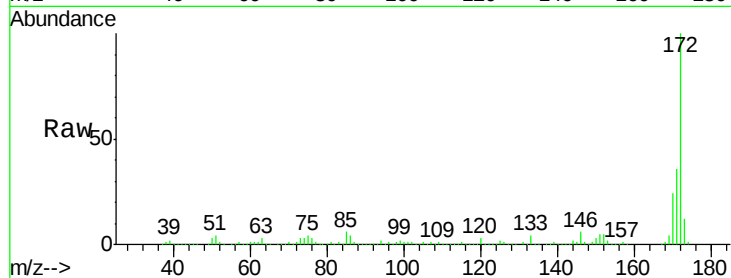




#44
 2-Fluorobiphenyl
 Concen: 72.184 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

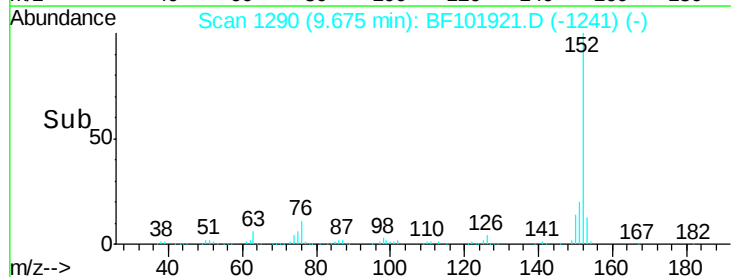
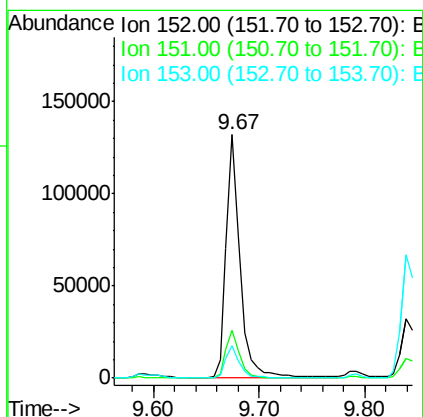
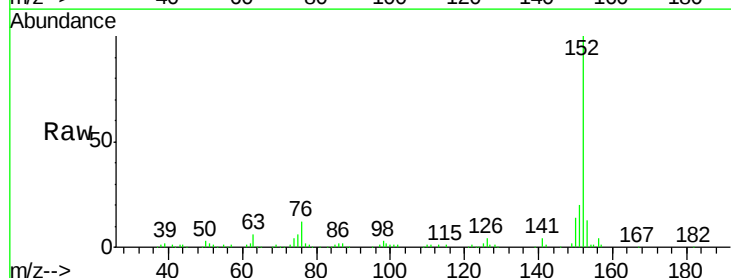
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

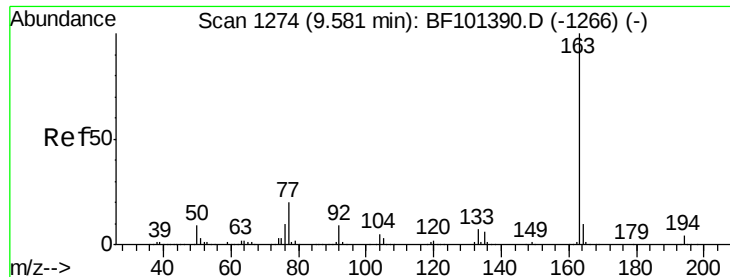
Tgt Ion:172 Resp: 926167
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.3 19.6 29.4



#48
 Acenaphthylene
 Concen: 5.790 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion:152 Resp: 123506
 Ion Ratio Lower Upper
 152 100
 151 19.8 16.3 24.5
 153 13.3 10.7 16.1

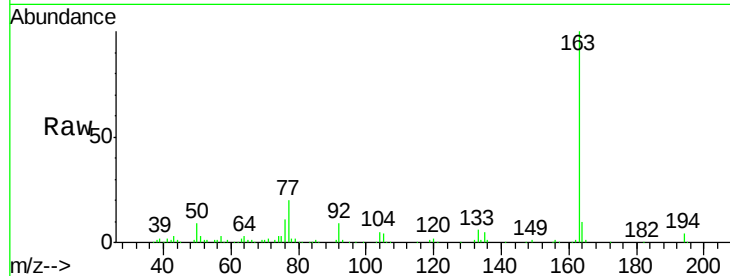




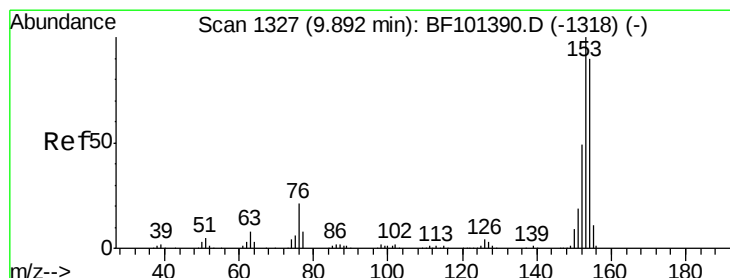
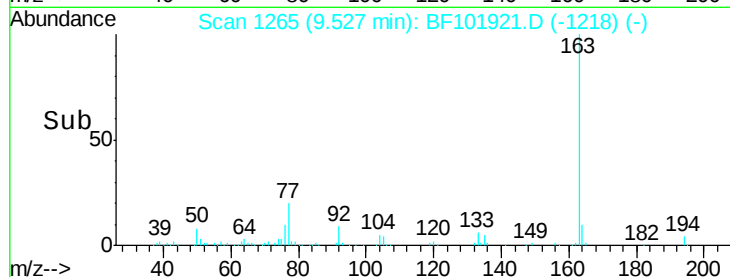
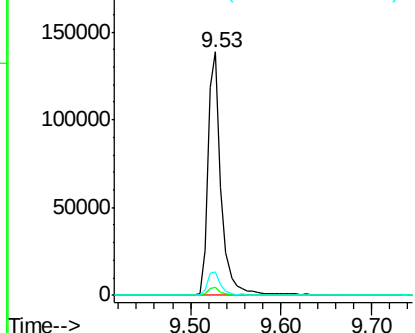
#49
Dimethylphthalate
Concen: 8.911 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Instrument :
BNA_F
ClientSampleId :
RBR251678

Tgt Ion:163 Resp: 142654
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 9.6 8.2 12.2

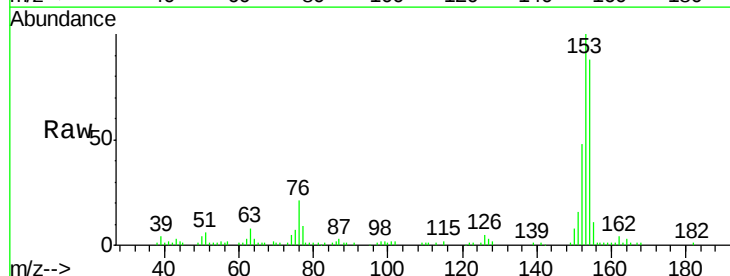


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

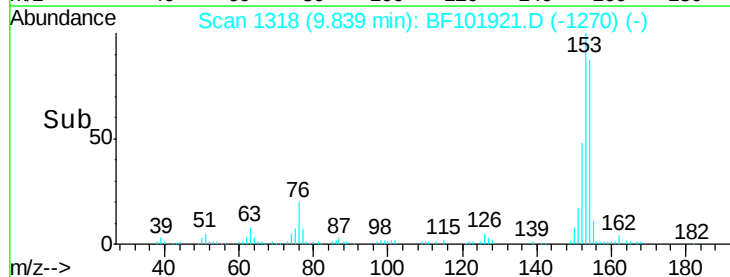
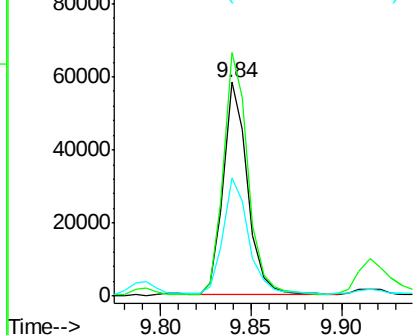


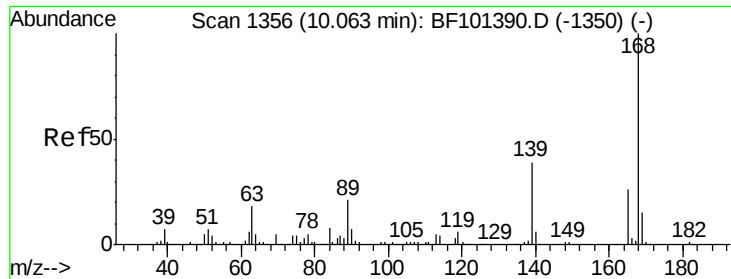
#51
Acenaphthene
Concen: 4.241 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion:154 Resp: 54354
Ion Ratio Lower Upper
154 100
153 113.8 91.2 136.8
152 55.0 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

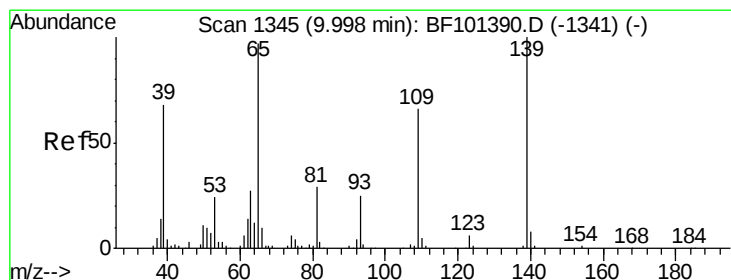
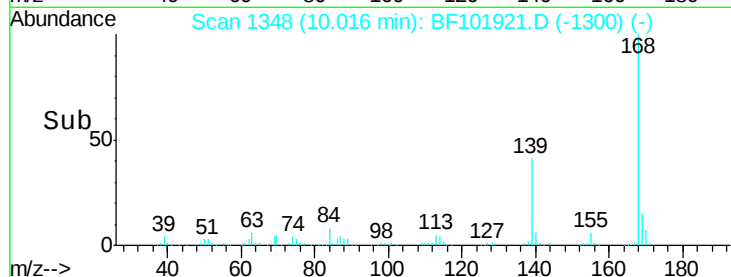
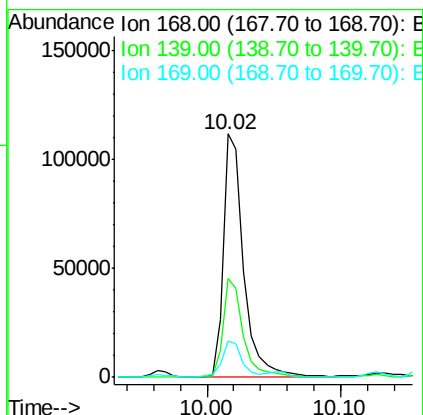
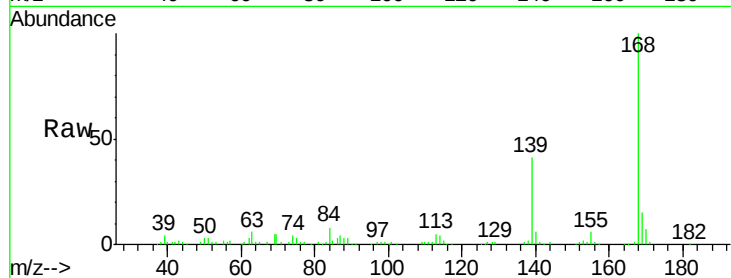




#54
Dibenzofuran
Concen: 7.242 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

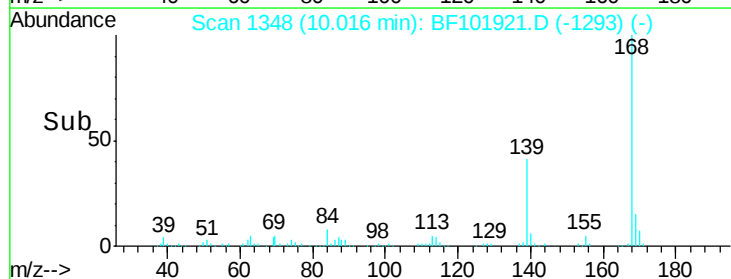
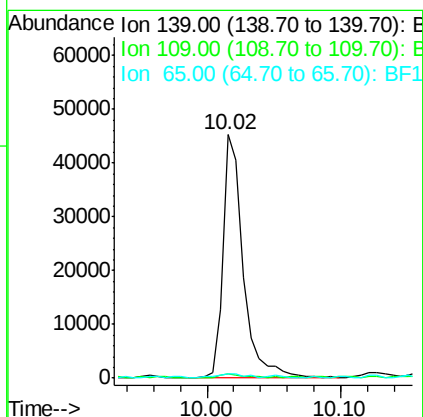
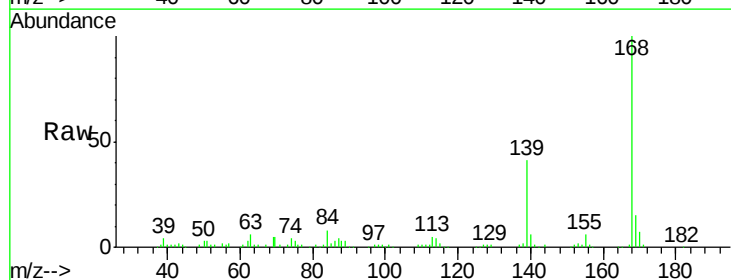
Instrument :
BNA_F
ClientSampleId :
RBR251678

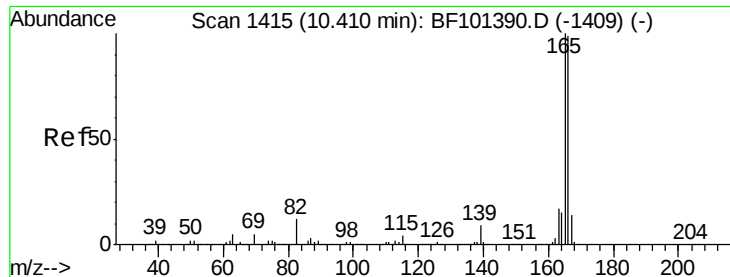
Tgt Ion:168 Resp: 117951
Ion Ratio Lower Upper
168 100
139 40.5 30.1 45.1
169 14.6 10.9 16.3



#55
4-Nitrophenol
Concen: 27.446 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion:139 Resp: 48549
Ion Ratio Lower Upper
139 100
109 1.6 48.4 88.4#
65 1.9 72.6 112.6#

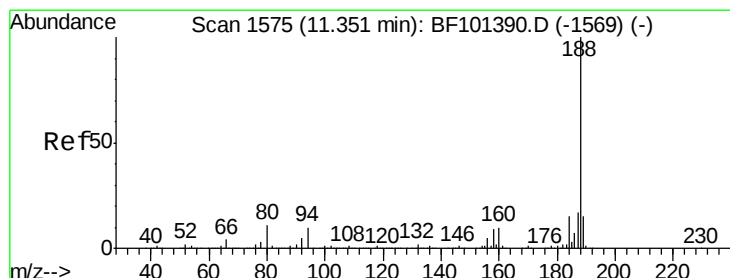
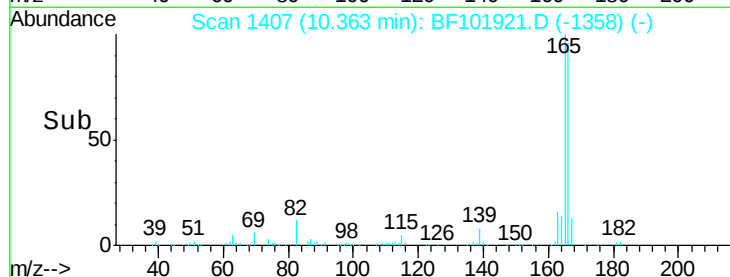
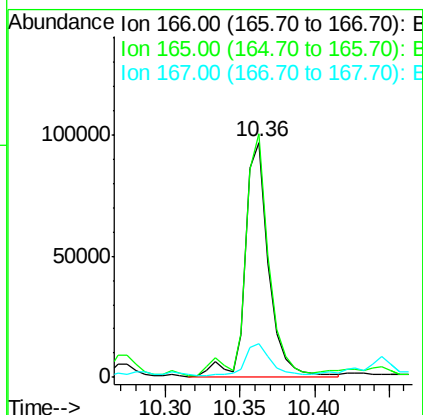
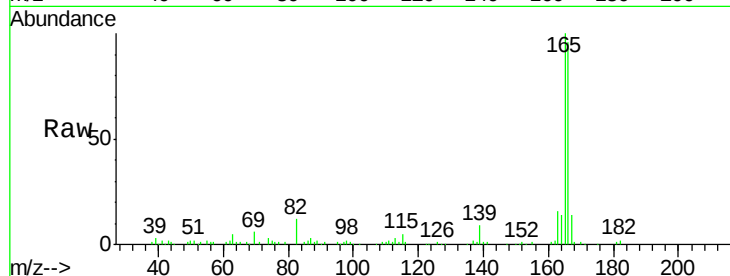




#57
 Fluorene
 Concen: 7.559 ng
 RT: 10.36 min Scan# 1407
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

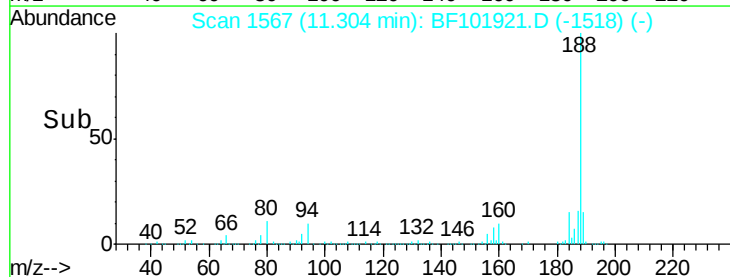
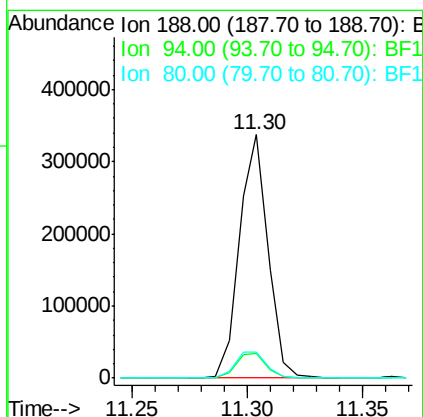
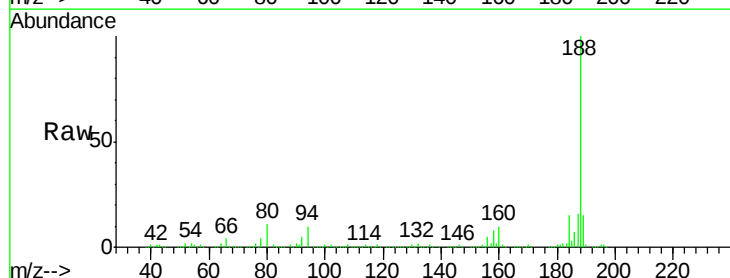
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

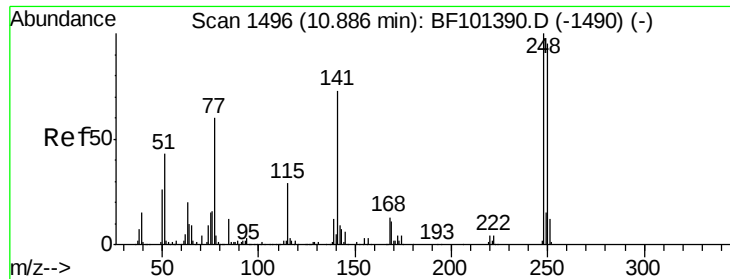
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.7	79.8	119.8
167	14.1	10.6	16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	10.7	9.2	13.8

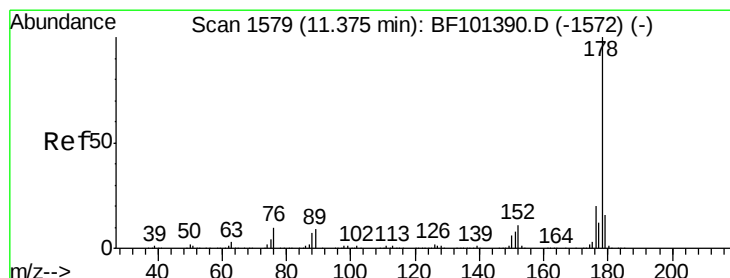
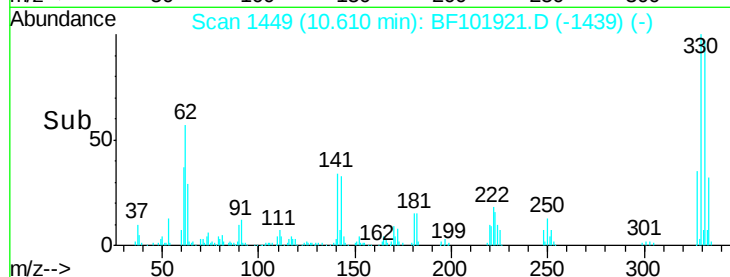
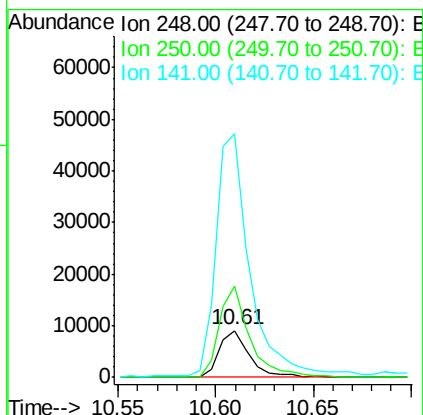
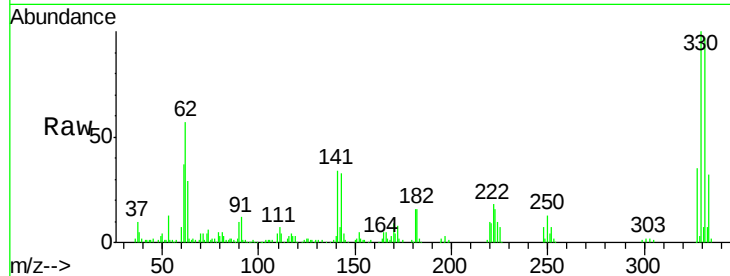




#66
 4-Bromophenyl-phenylether
 Concen: 2.977 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.24 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

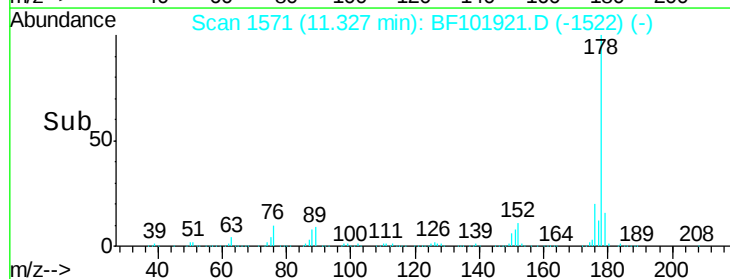
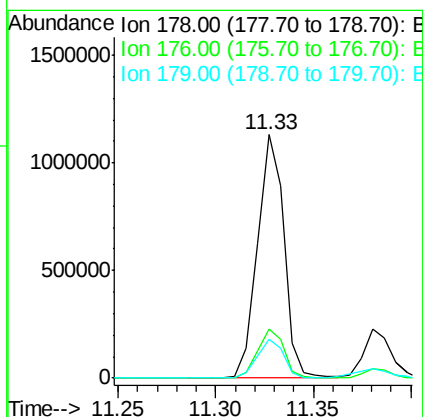
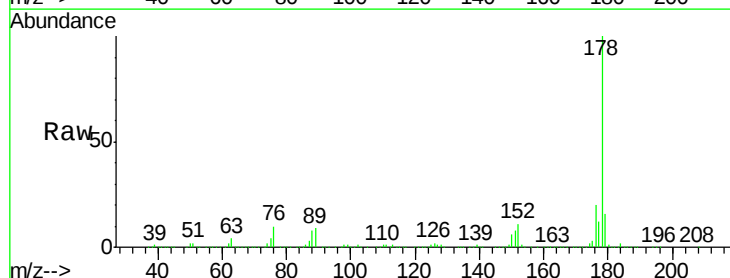
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

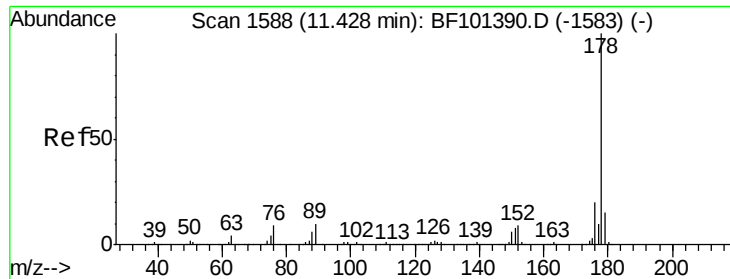
Tgt Ion: 248 Resp: 9728
 Ion Ratio Lower Upper
 248 100
 250 195.0 76.9 115.3#
 141 518.4 74.4 111.6#



#70
 Phenanthrene
 Concen: 65.753 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion: 178 Resp: 1063355
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 16.2 13.0 19.6

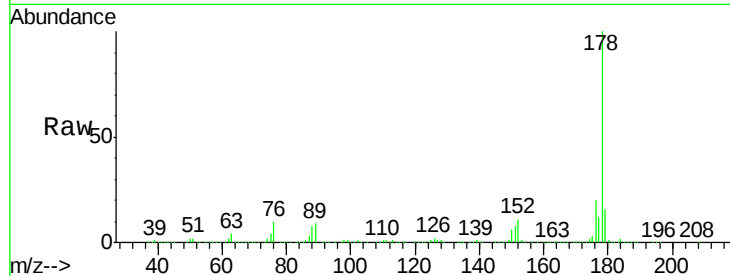




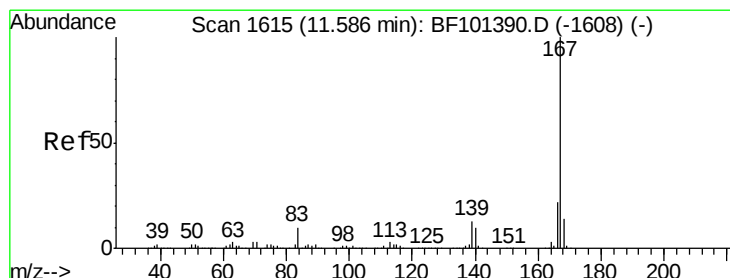
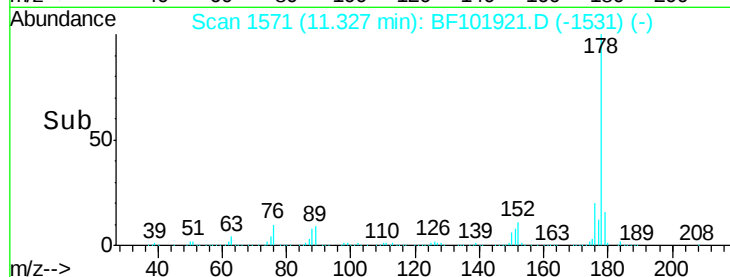
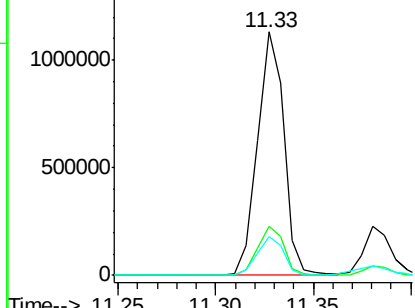
#71
 Anthracene
 Concen: 64.371 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.06 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

Tgt Ion:178 Resp: 1063355
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.4 23.2
 179 16.2 12.6 19.0

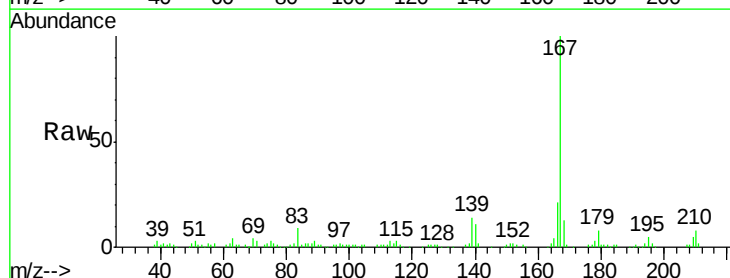


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

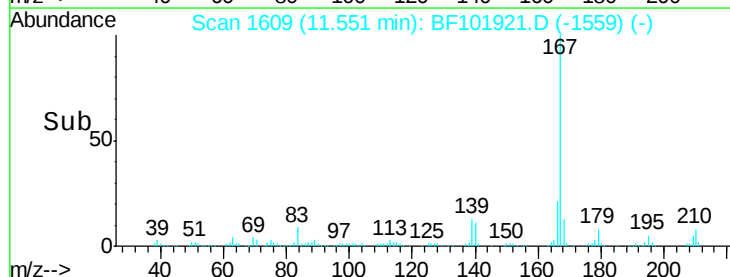
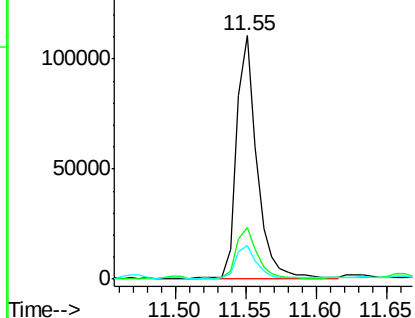


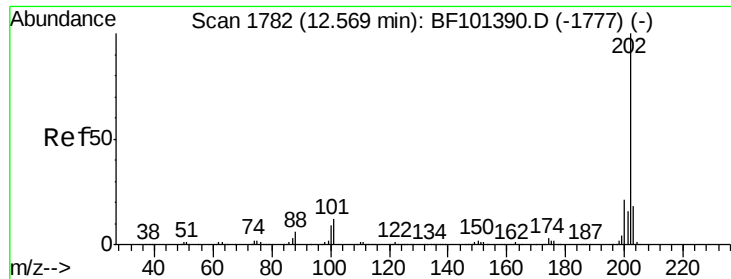
#72
 Carbazole
 Concen: 7.085 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion:167 Resp: 109577
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.6 26.4
 139 13.8 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 71.334 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

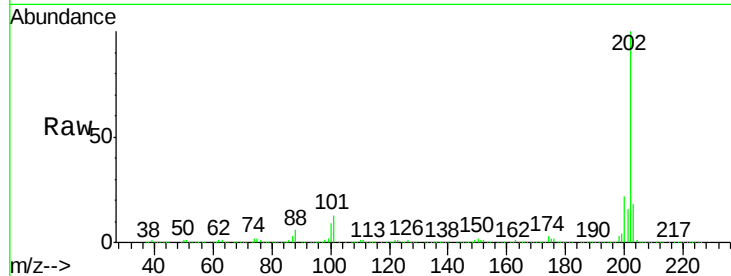
Tgt Ion:202 Resp: 1210886

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

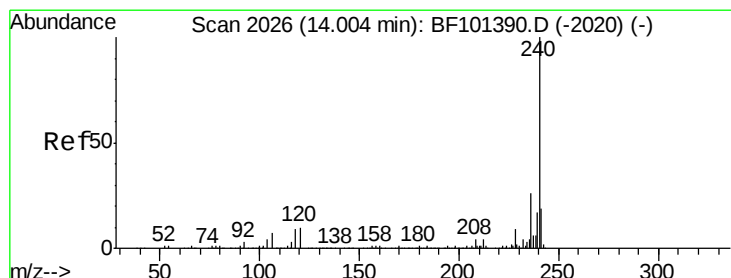
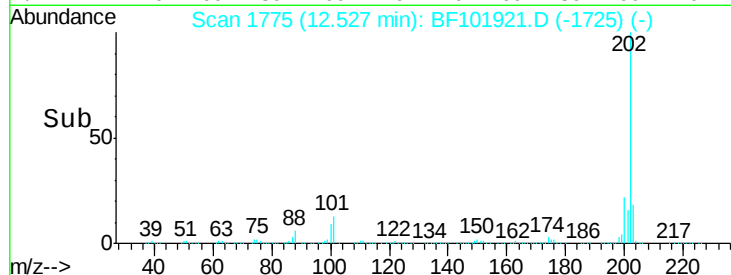
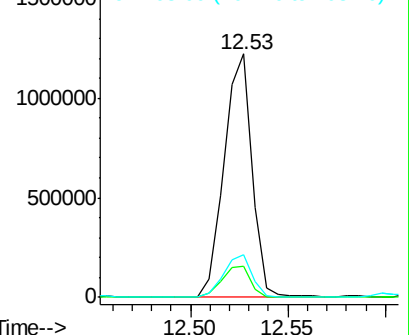
203 17.7 0.0 38.1



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: 13.96 min Scan# 2018

Delta R.T. -0.02 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

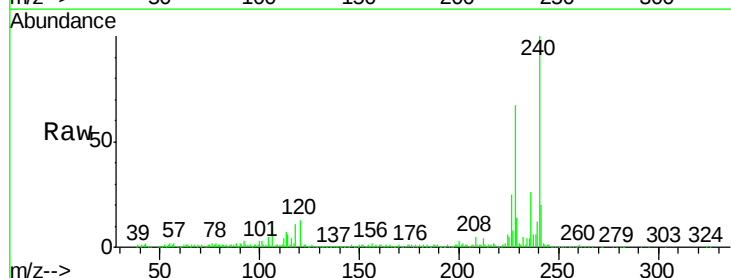
Tgt Ion:240 Resp: 262595

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

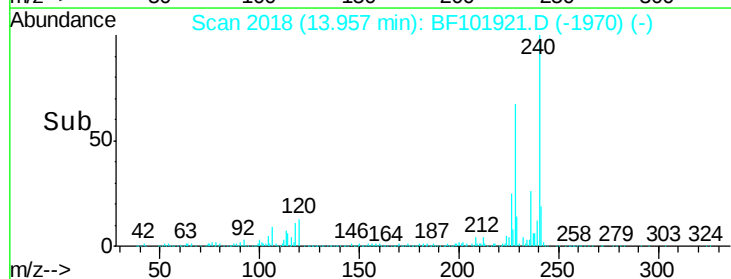
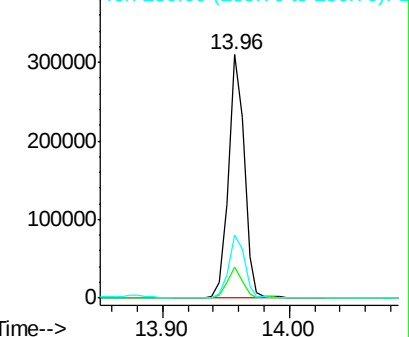
236 26.2 20.7 31.1

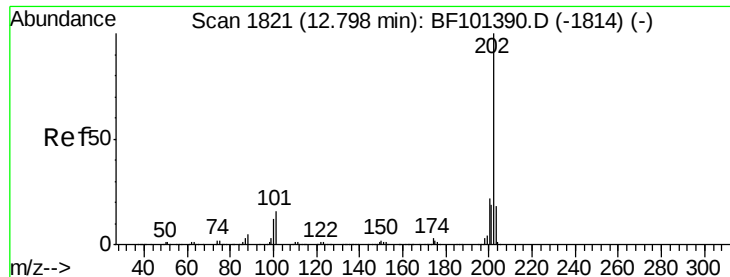


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

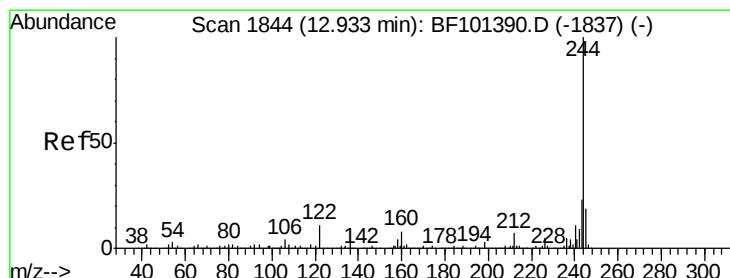
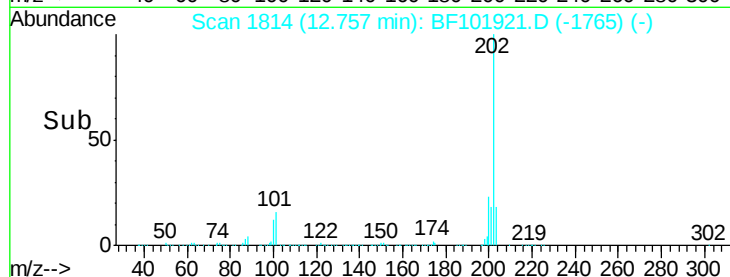
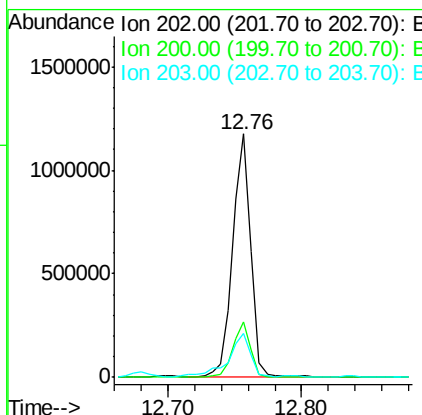
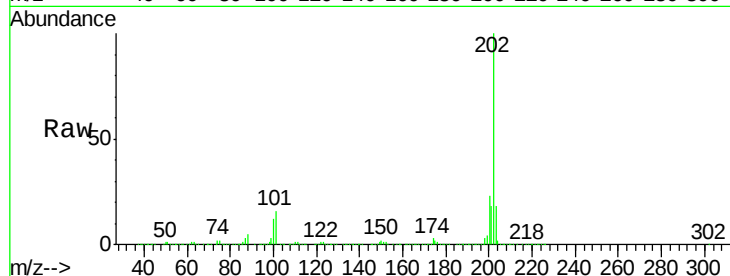




#77
 Pyrene
 Concen: 56.744 ng
 RT: 12.76 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

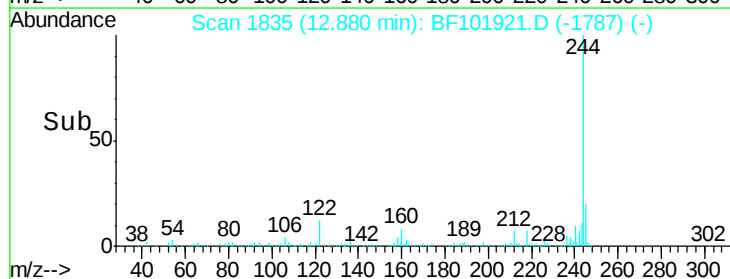
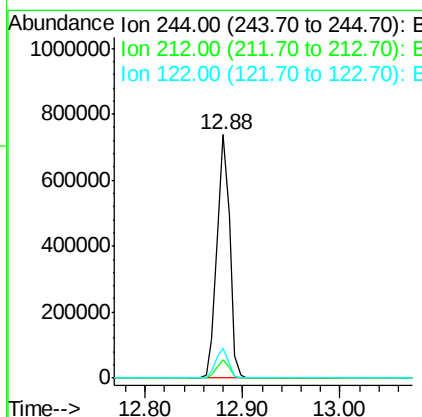
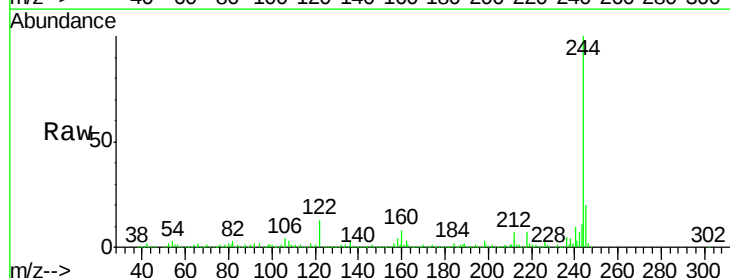
Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

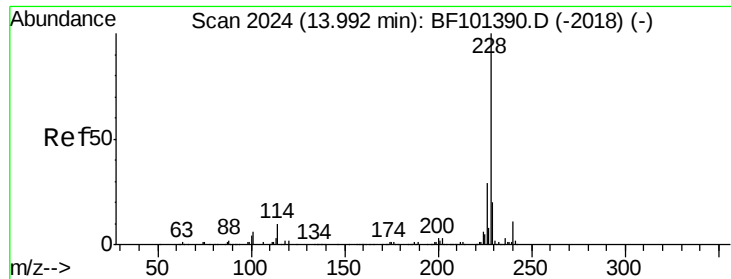
Tgt Ion:202 Resp: 1118287
 Ion Ratio Lower Upper
 202 100
 200 22.6 17.4 26.2
 203 17.9 14.3 21.5



#78
 Terphenyl-d14
 Concen: 61.873 ng
 RT: 12.88 min Scan# 1835
 Delta R.T. -0.02 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion:244 Resp: 673958
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.0
 122 12.5 11.0 16.4

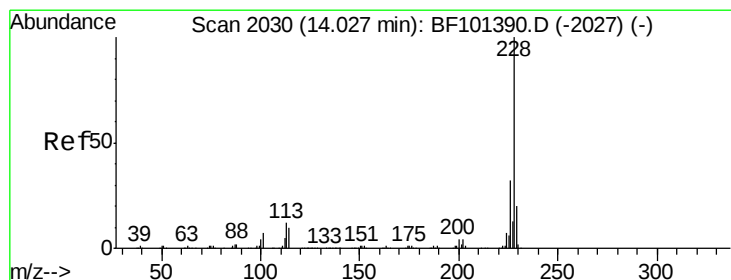
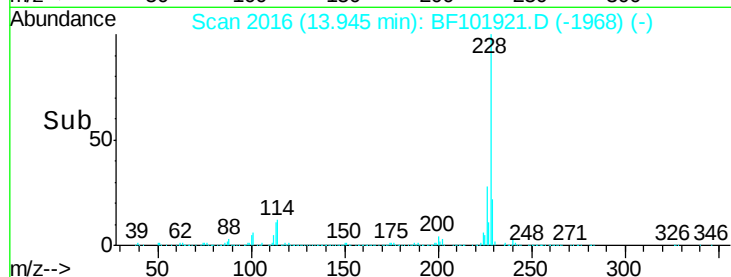
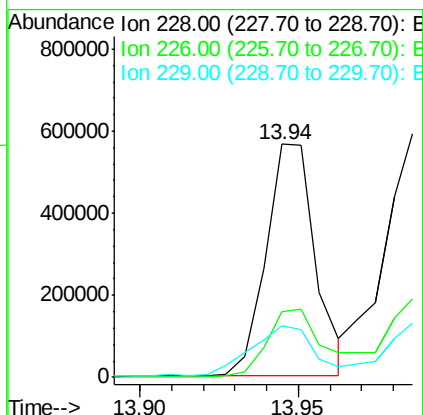
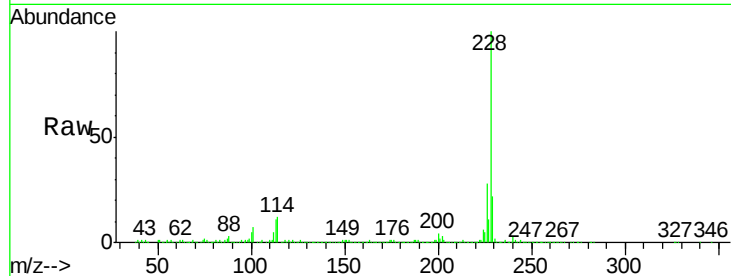




#80
Benzo(a)anthracene
Concen: 35.417 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

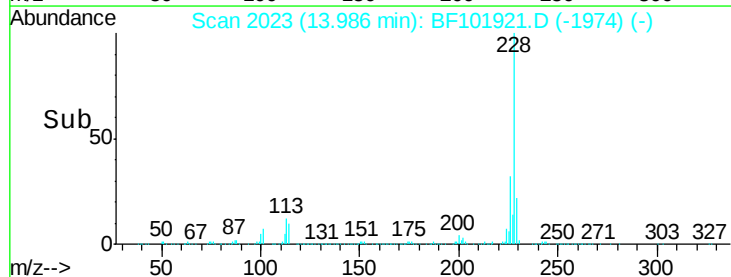
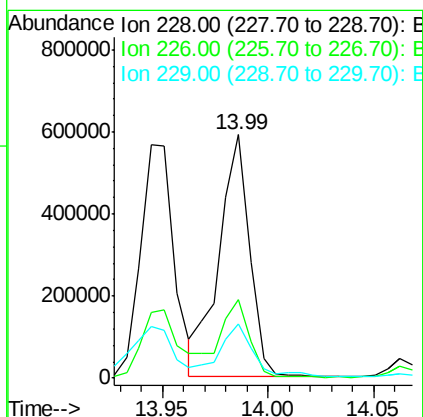
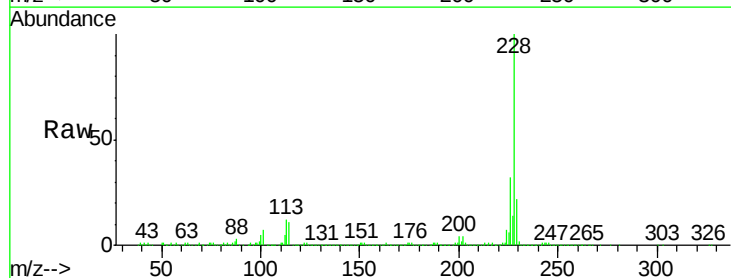
Instrument :
BNA_F
ClientSampleId :
RBR251678

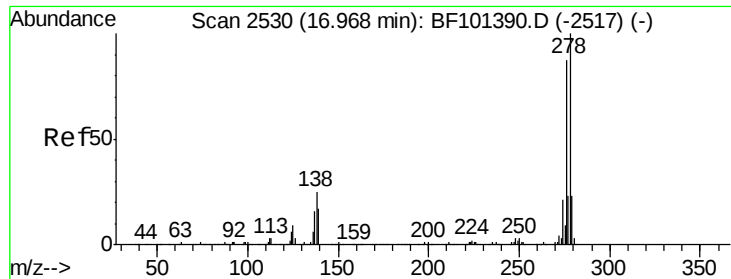
Tgt Ion:228 Resp: 614107
Ion Ratio Lower Upper
228 100
226 28.4 22.6 33.8
229 22.3 15.8 23.6



#82
Chrysene
Concen: 36.346 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion:228 Resp: 595041
Ion Ratio Lower Upper
228 100
226 32.4 25.0 37.6
229 22.1 16.2 24.4

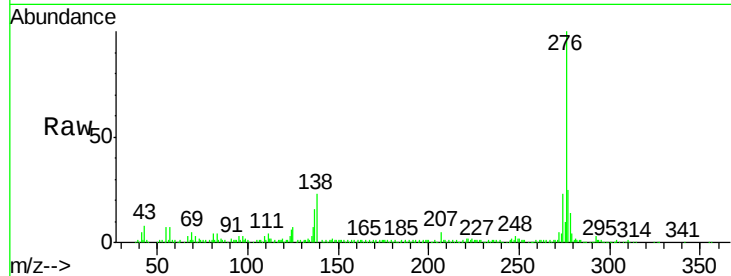




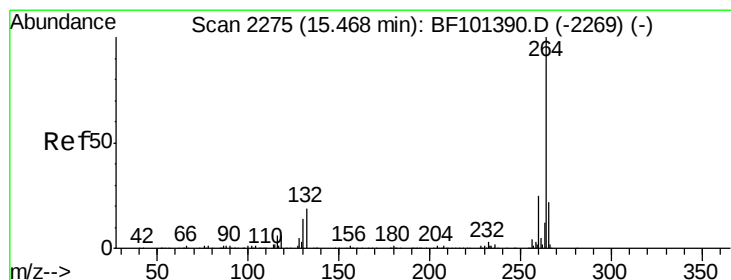
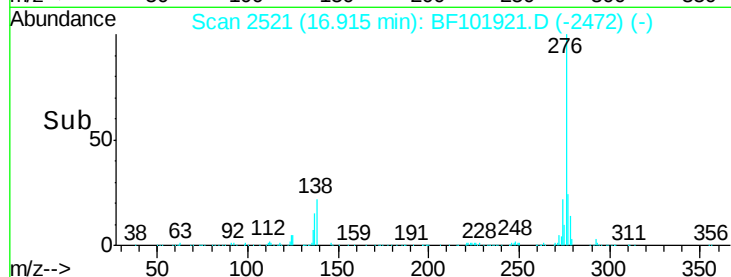
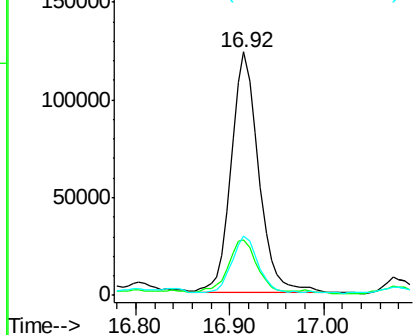
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 17.335 ng
 RT: 16.92 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Instrument :
 BNA_F
 ClientSampleId :
 RBR251678

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.5	25.0	37.6#
277	23.4	20.1	30.1

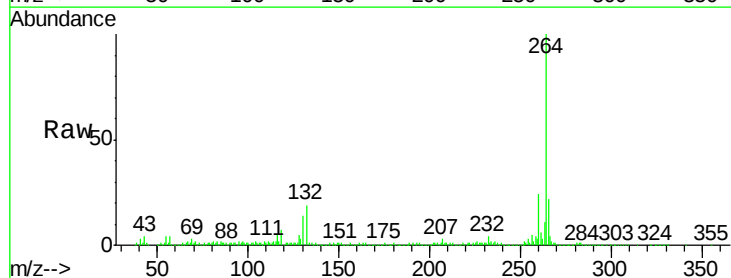


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

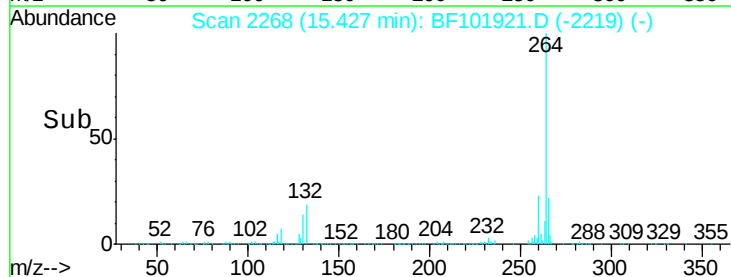
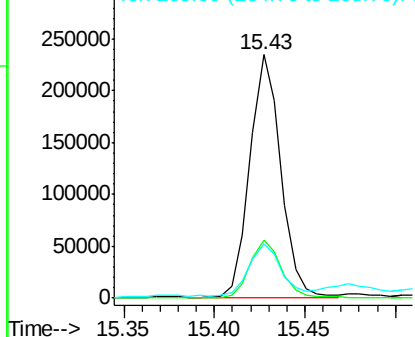


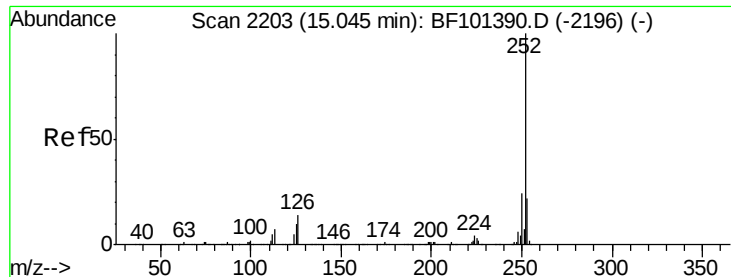
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2268
 Delta R.T. -0.01 min
 Lab File: BF101921.D
 Acq: 5 Jan 2018 11:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.4	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

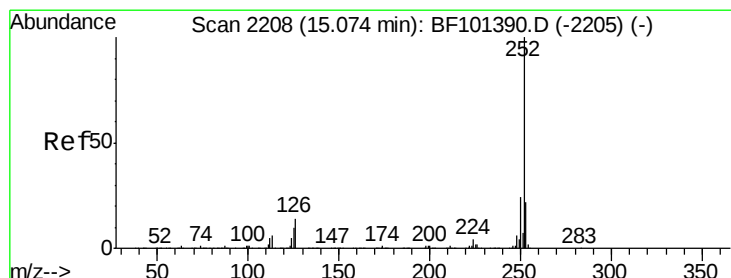
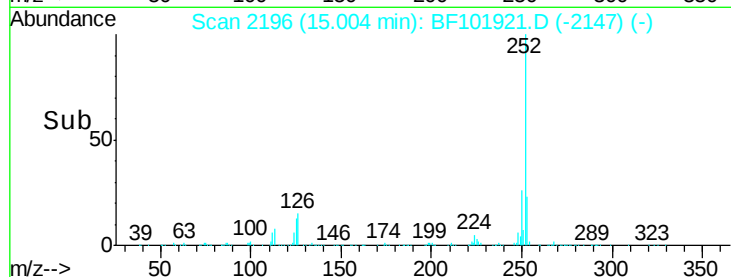
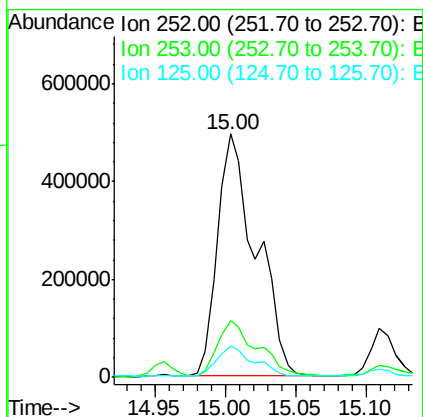
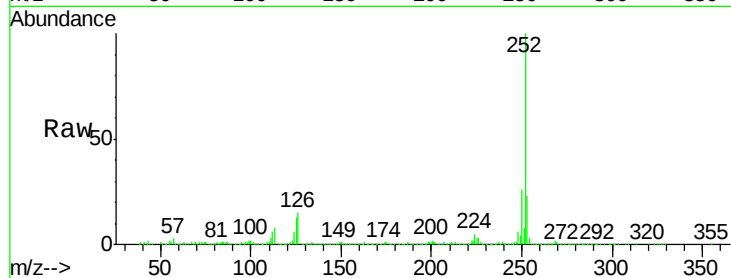




#87
Benzo(b)fluoranthene
Concen: 55.929 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

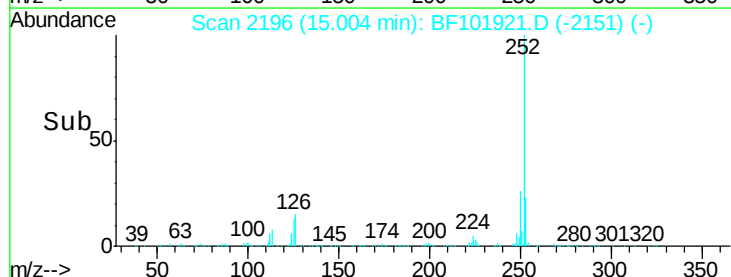
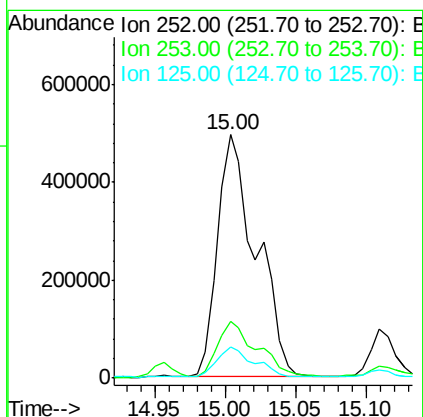
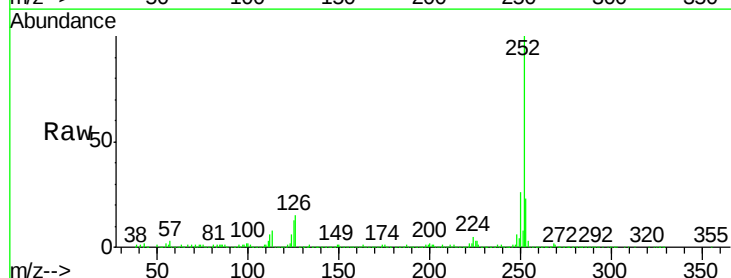
Instrument :
BNA_F
ClientSampleId :
RBR251678

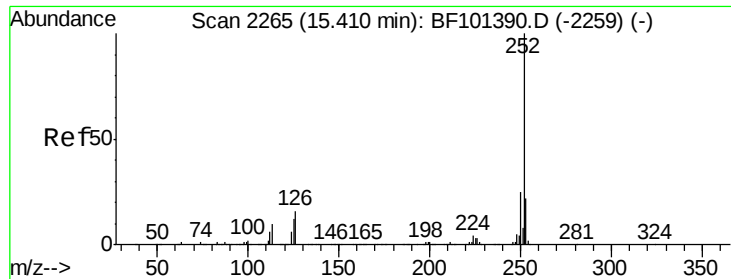
Tgt Ion:252 Resp: 945632
Ion Ratio Lower Upper
252 100
253 23.4 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 57.524 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF101921.D
Acq: 5 Jan 2018 11:26

Tgt Ion:252 Resp: 945632
Ion Ratio Lower Upper
252 100
253 23.4 17.9 26.9
125 13.0 10.2 15.2





#89

Benzo(a)pyrene

Concen: 33.305 ng

RT: 15.37 min Scan# 2258

Delta R.T. -0.01 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

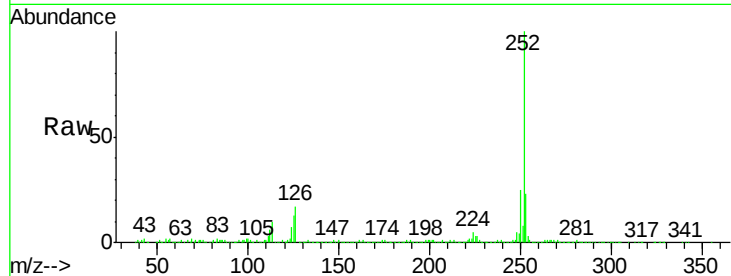
Tgt Ion:252 Resp: 519112

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

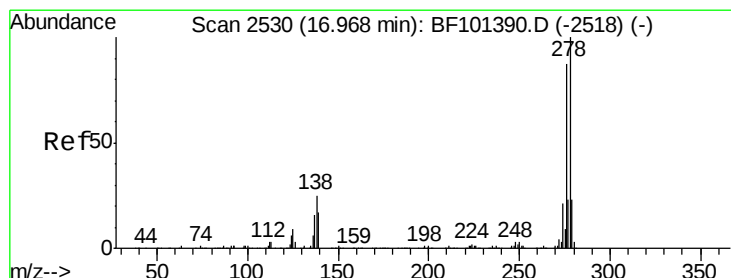
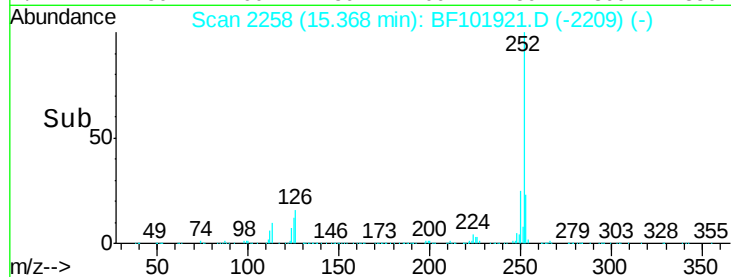
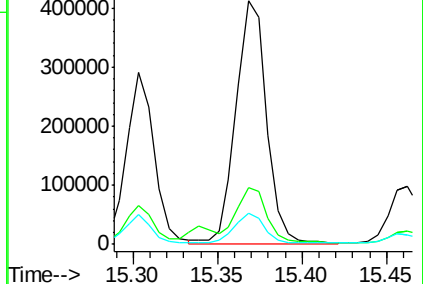
125 12.6 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 5.610 ng

RT: 16.90 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

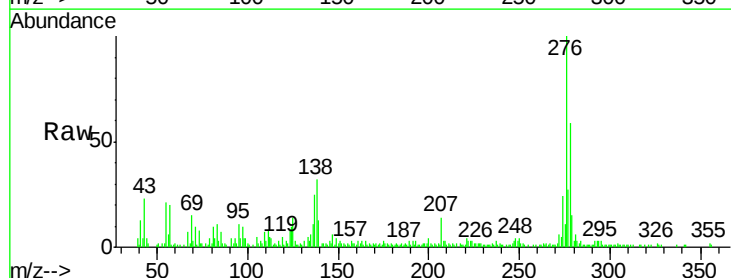
Tgt Ion:278 Resp: 75076

Ion Ratio Lower Upper

278 100

139 21.5 15.9 23.9

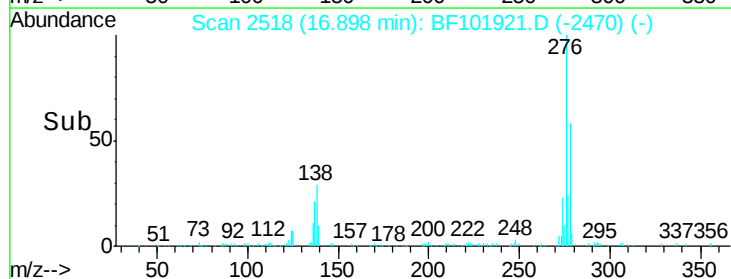
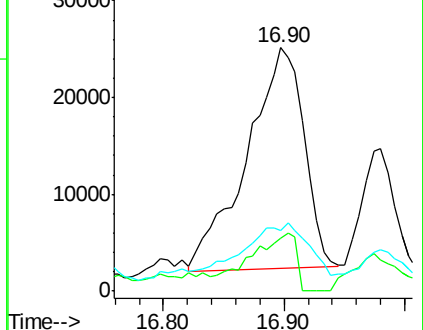
279 25.1 19.0 28.4

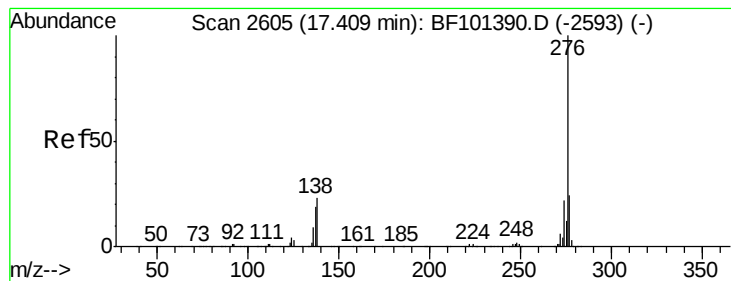


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 15.926 ng

RT: 17.37 min Scan# 2598

Delta R.T. 0.00 min

Lab File: BF101921.D

Acq: 5 Jan 2018 11:26

Instrument :

BNA_F

ClientSampleId :

RBR251678

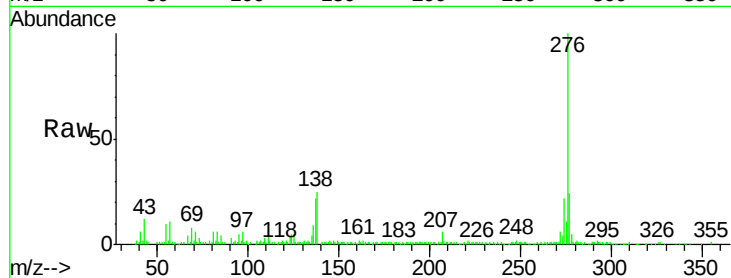
Tgt Ion: 276 Resp: 211034

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 25.2 21.8 32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

