

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
 Data File : BF102572.D
 Acq On : 28 Jan 2018 21:57
 Operator : SJ/JU
 Sample : J1253-17
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 29 03:19:53 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jan 27 20:48:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152006	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	582932	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	219219	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	307131	20.00	ng	0.00
75) Chrysene-d12	13.88	240	277553	20.00	ng	0.00
86) Perylene-d12	15.31	264	226227	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	1029952	102.74	ng	0.01
7) Phenol-d6	6.36	99	1224904	101.35	ng	0.00
23) Nitrobenzene-d5	7.28	82	745402	73.48	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	155364	71.53	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	947491	63.55	ng	0.00
78) Terphenyl-d14	12.82	244	596610	48.46	ng	0.00

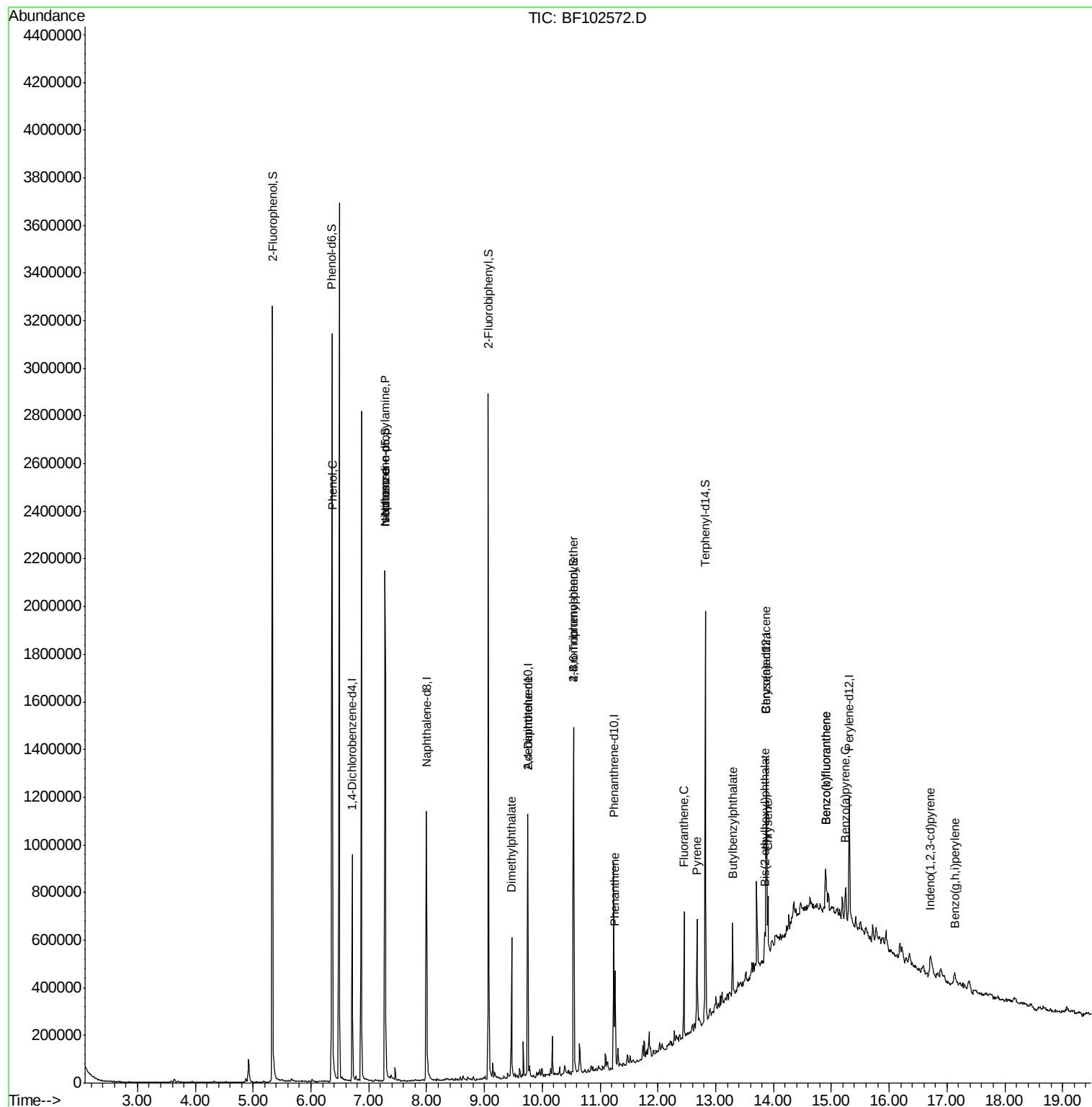
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	54351	4.119	ng	96
19) n-Nitroso-di-n-propylamine	7.28	70	95595	12.925	ng	# 79
25) Isophorone	7.28	82	742426	41.055	ng	# 64
49) Dimethylphthalate	9.47	163	234480	12.941	ng	99
56) 2,4-Dinitrotoluene	9.75	165	28689	5.972	ng	# 23
66) 4-Bromophenyl-phenylether	10.54	248	11119	3.363	ng	# 1
70) Phenanthrene	11.26	178	136716	7.639	ng	100
74) Fluoranthene	12.45	202	202548	11.098	ng	99
77) Pyrene	12.68	202	201773	9.403	ng	98
79) Butylbenzylphthalate	13.29	149	57090	5.346	ng	97
80) Benzo(a)anthracene	13.87	228	96813	5.666	ng	99
82) Chrysene	13.90	228	90661	5.225	ng	97
83) Bis(2-ethylhexyl)phthalate	13.85	149	37220	2.593	ng	96
85) Indeno(1,2,3-cd)pyrene	16.71	276	30024	2.095	ng	97
87) Benzo(b)fluoranthene	14.90	252	132286	9.022	ng	# 88
88) Benzo(k)fluoranthene	14.90	252	132286	9.549	ng	# 90
89) Benzo(a)pyrene	15.25	252	67010	5.067	ng	# 86
91) Benzo(g,h,i)perylene	17.14	276	29511	2.790	ng	# 89

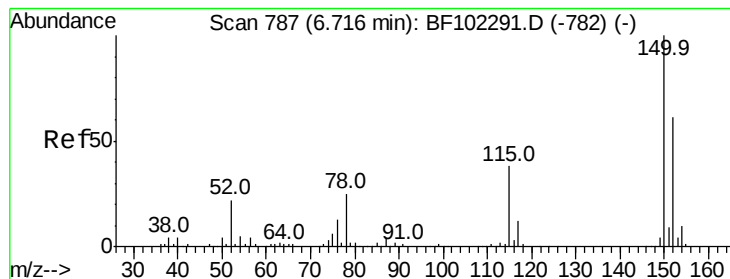
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF012818\
Data File : BF102572.D
Acq On : 28 Jan 2018 21:57
Operator : SJ/JU
Sample : J1253-17
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jan 29 03:19:53 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 27 20:48:40 2018
Response via : Initial Calibration



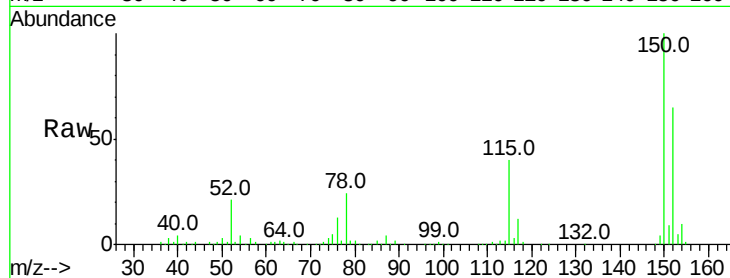


#1

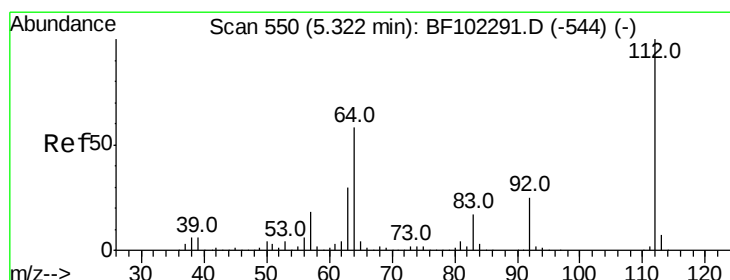
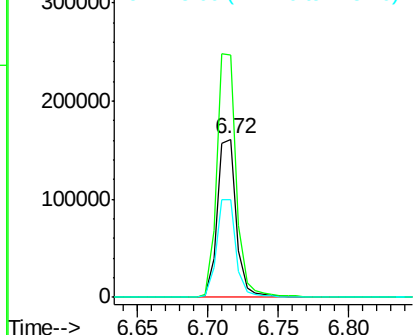
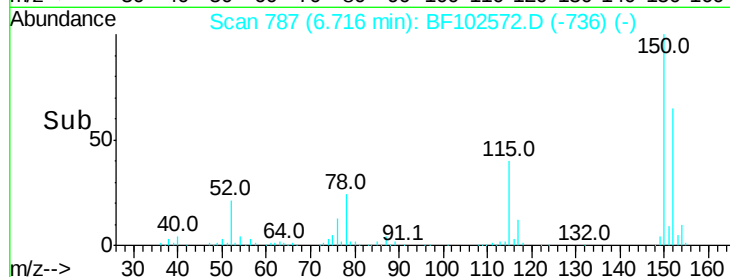
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 152006
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 62.0 50.1 75.1



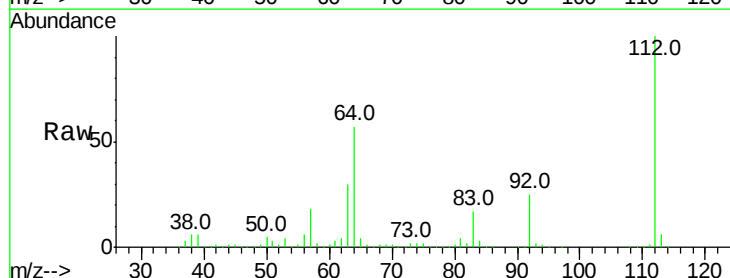
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



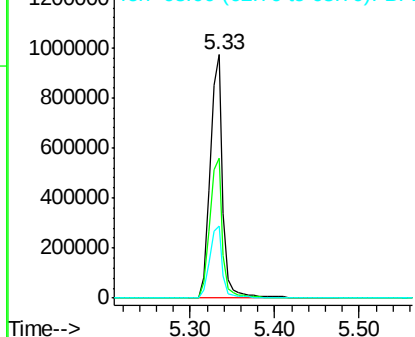
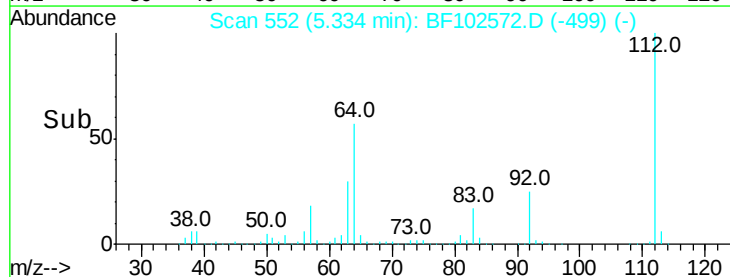
#5

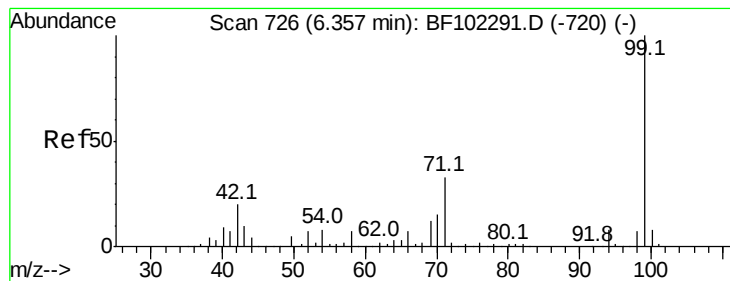
2-Fluorophenol
Concen: 102.738 ng
RT: 5.33 min Scan# 552
Delta R.T. 0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:112 Resp: 1029952
Ion Ratio Lower Upper
112 100
64 57.3 47.9 71.9
63 29.6 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: 101.348 ng

RT: 6.36 min Scan# 727

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

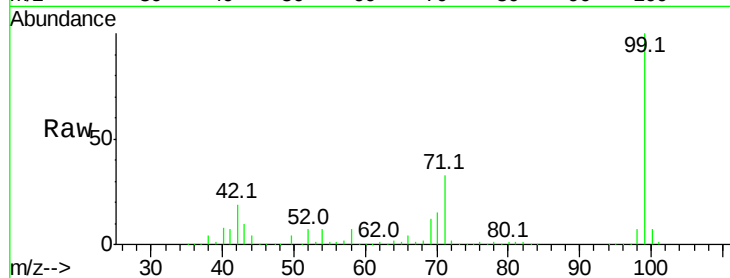
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1224904

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.0	25.4	38.0

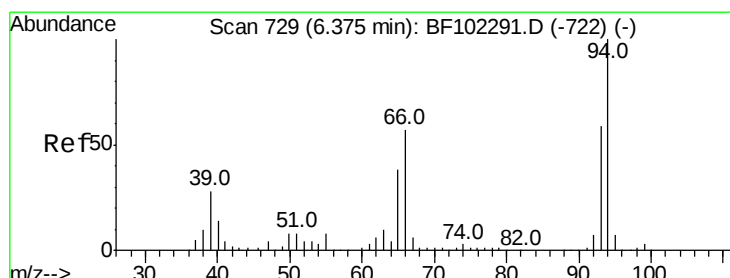
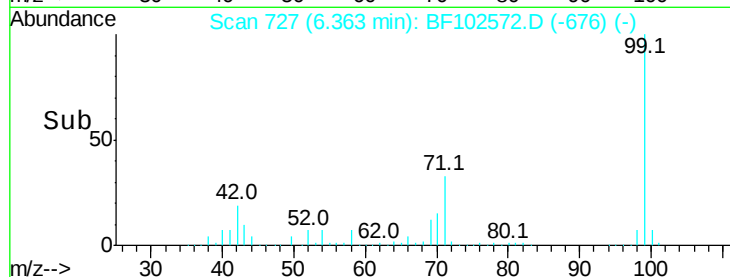
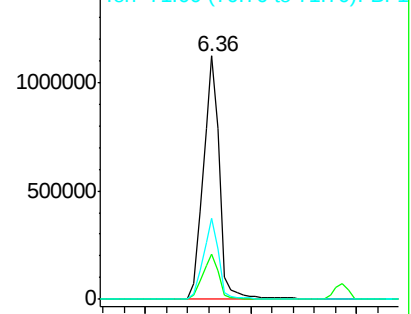


Abundance

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: 4.119 ng

RT: 6.37 min Scan# 729

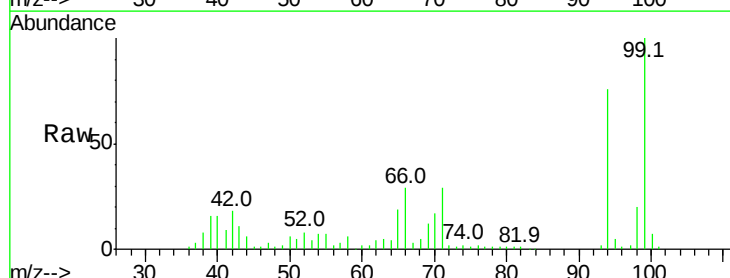
Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Tgt Ion: 94 Resp: 54351

Ion	Ratio	Lower	Upper
94	100		
65	25.6	7.9	47.9
66	38.6	16.2	56.2

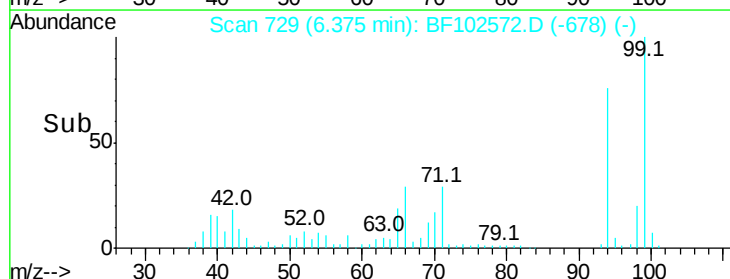
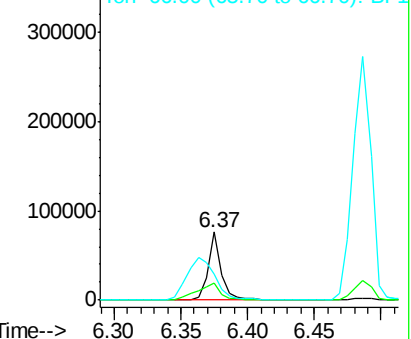


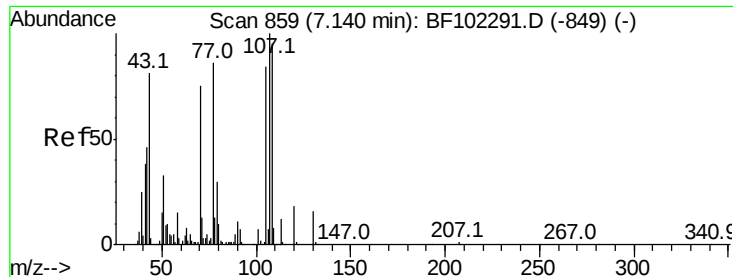
Abundance

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

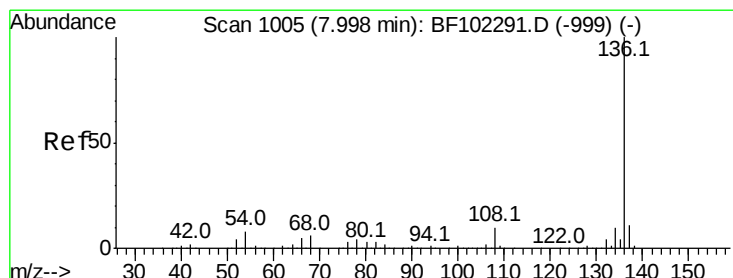
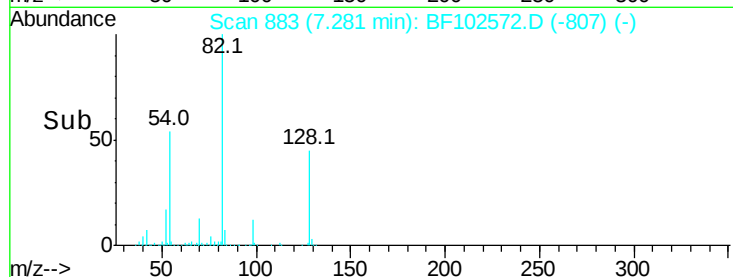
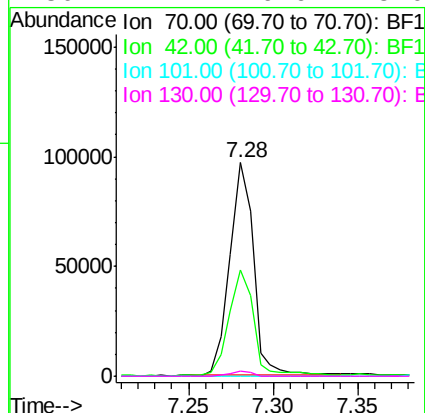
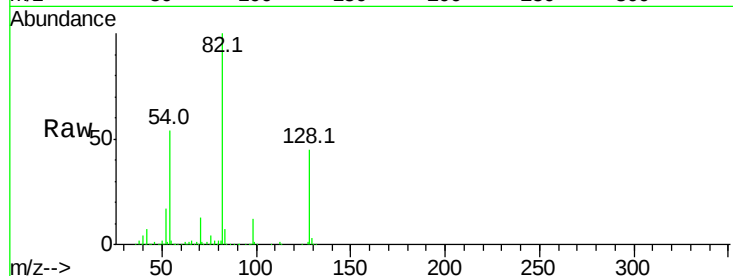




#19
n-Nitroso-di-n-propylamine
Concen: 12.925 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.15 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

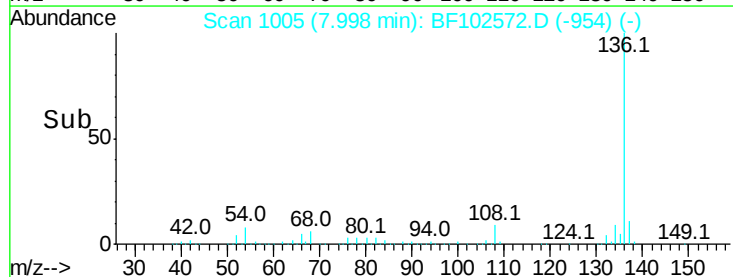
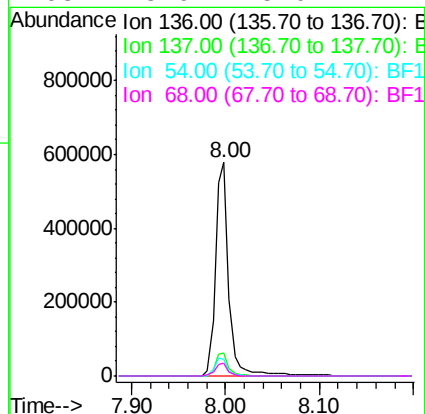
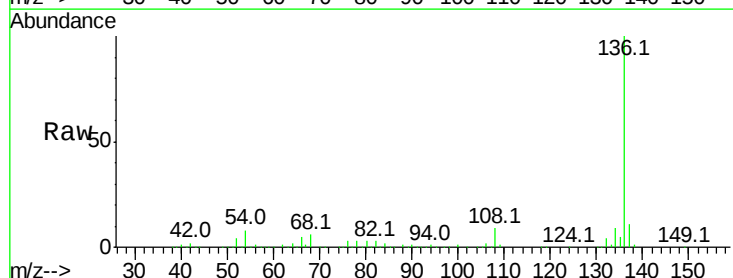
Instrument :
BNA_F
ClientSampleId :

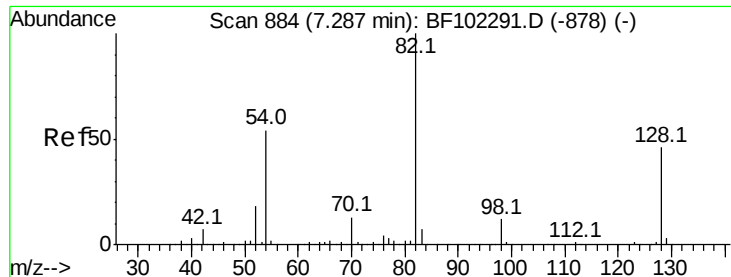
Tot Ion: 70 Resp: 95595
Ion Ratio Lower Upper
70 100
42 49.6 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion: 136 Resp: 582932
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 7.8 6.6 9.8
68 5.9 5.0 7.4

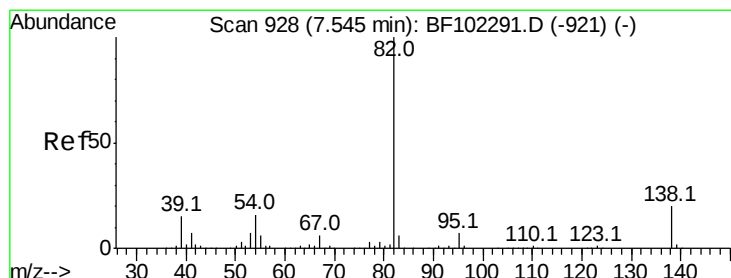
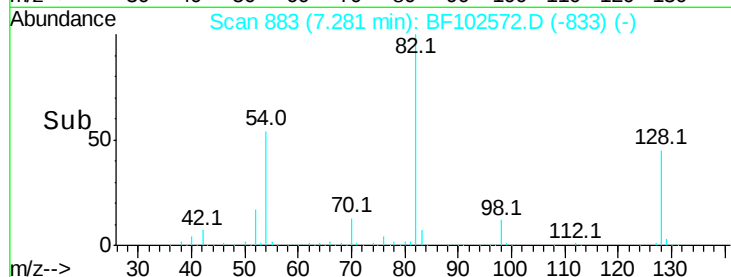
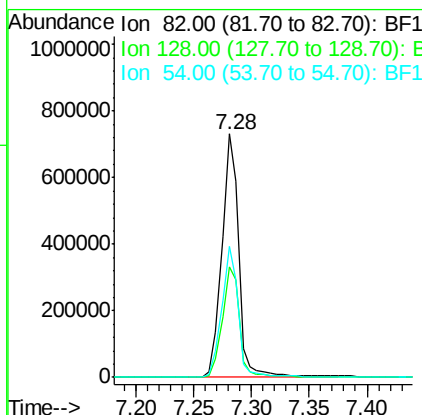
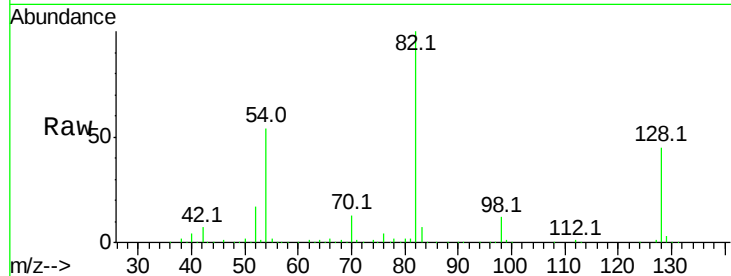




#23
Nitrobenzene-d5
Concen: 73.484 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

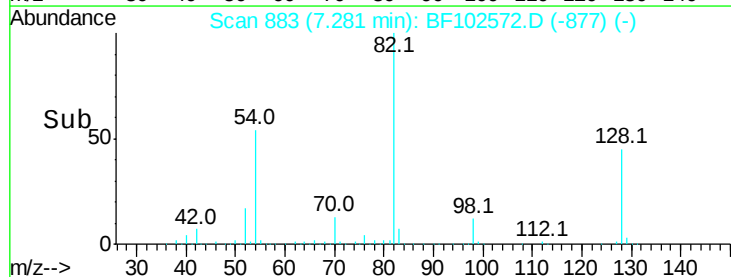
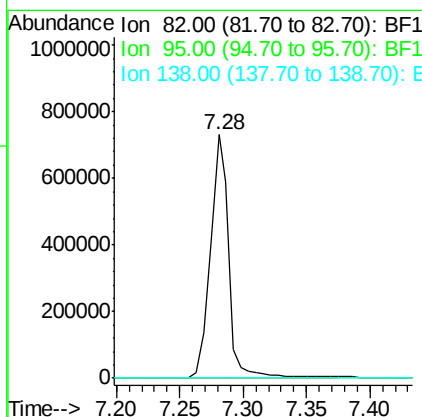
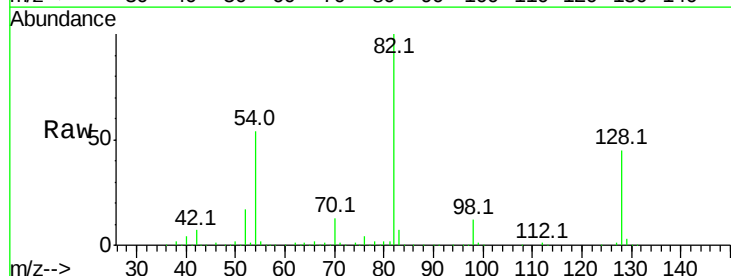
Instrument :
BNA_F
ClientSampleId :

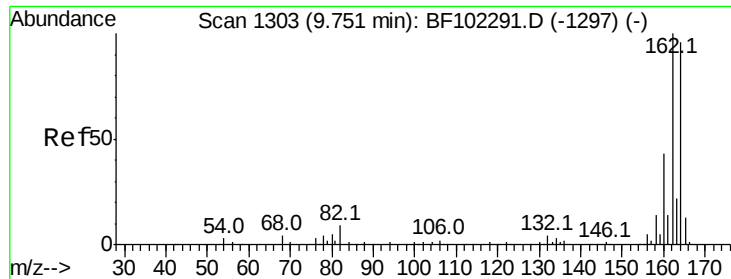
Tot Ion	82	Resp	745402
Ion Ratio	Lower	Upper	
82	100		
128	45.5	36.1	54.1
54	54.0	41.4	62.2



#25
Isophorone
Concen: 41.055 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	82	Resp	742426
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

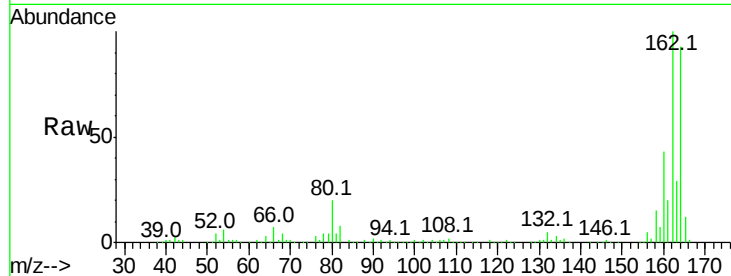




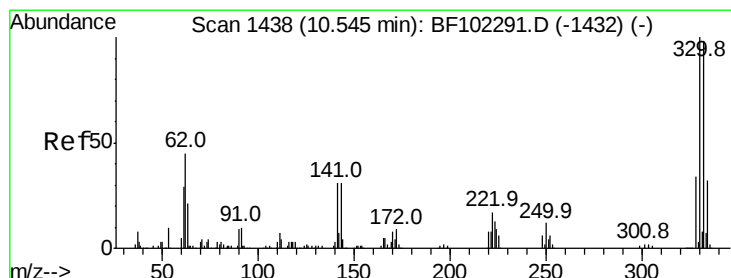
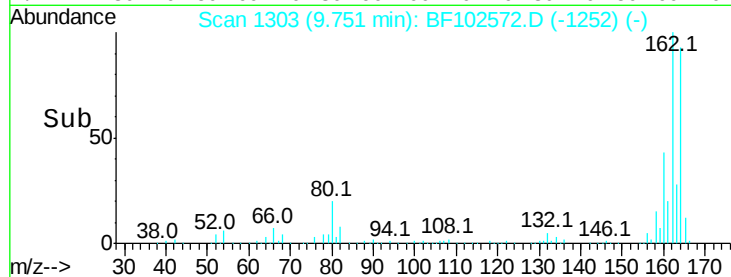
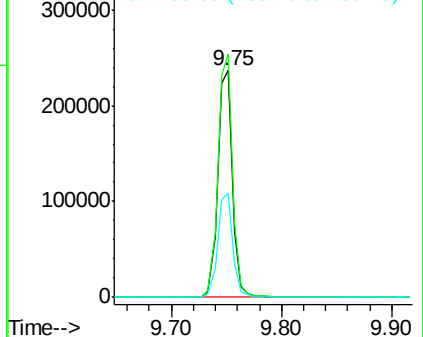
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. 0.00 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 219219
 Ion Ratio Lower Upper
 164 100
 162 107.4 86.1 129.1
 160 46.2 38.3 57.5

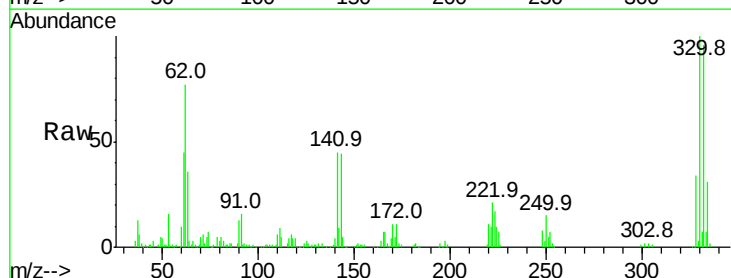


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

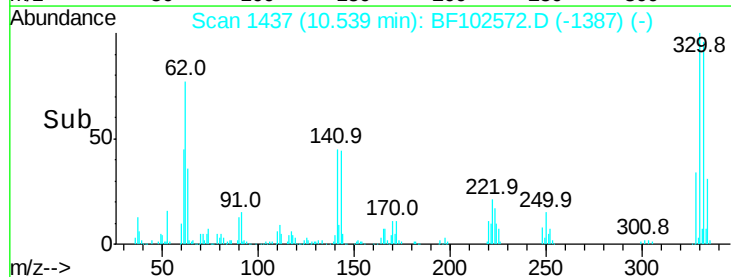
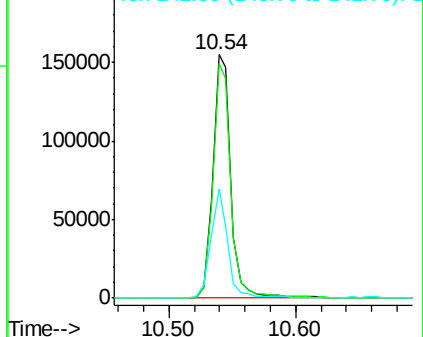


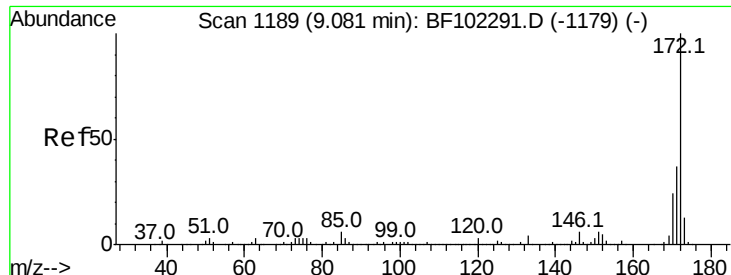
#41
 2,4,6-Tribromophenol
 Concen: 71.526 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

Tgt Ion:330 Resp: 155364
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 42.1 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

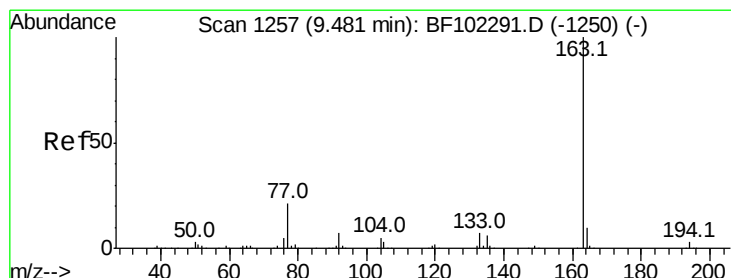
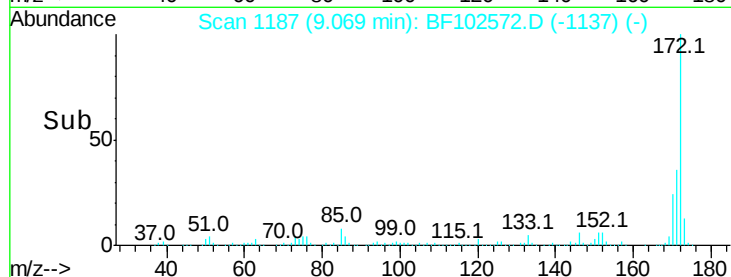
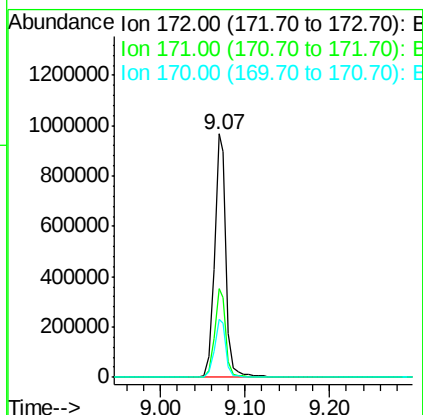
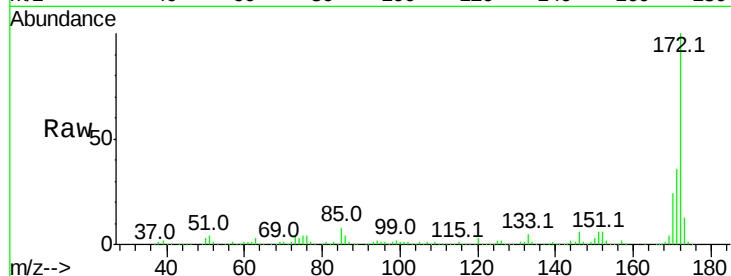




#44
2-Fluorobiphenyl
Concen: 63.550 ng
RT: 9.07 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

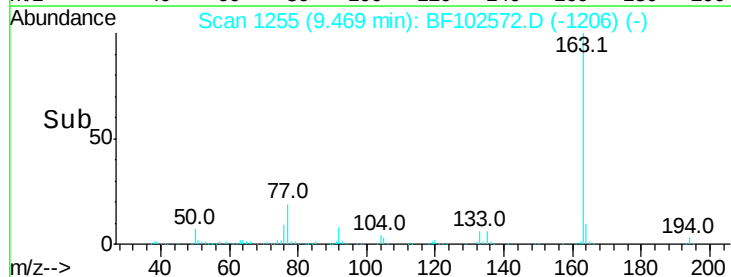
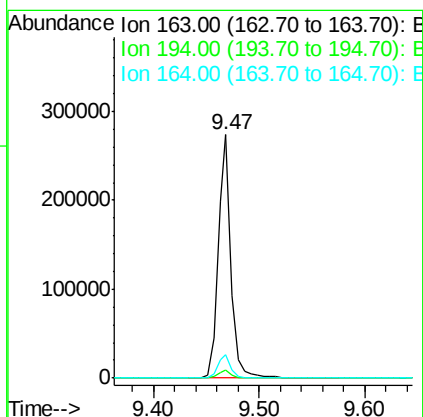
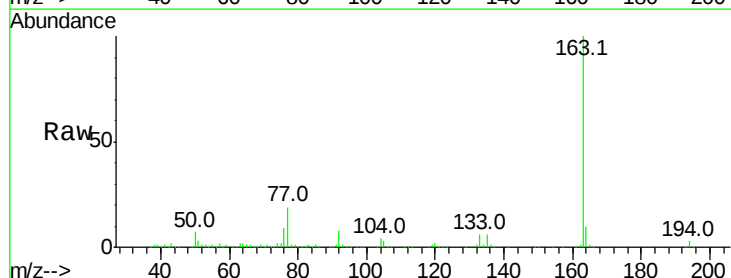
Instrument :
BNA_F
ClientSampleId :

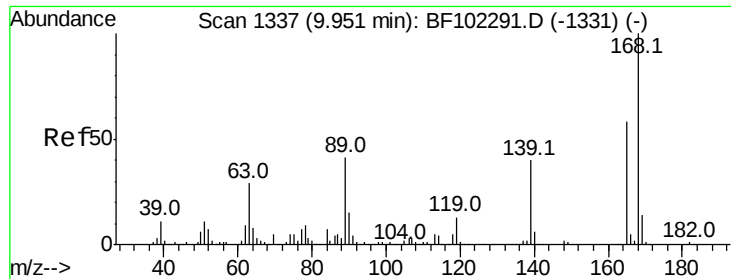
Tot Ion:172 Resp: 947491
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 12.941 ng
RT: 9.47 min Scan# 1255
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:163 Resp: 234480
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 9.7 8.2 12.2

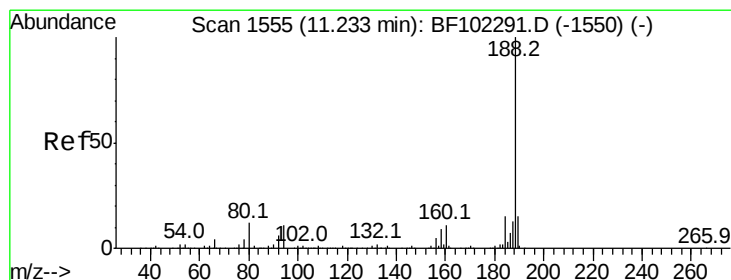
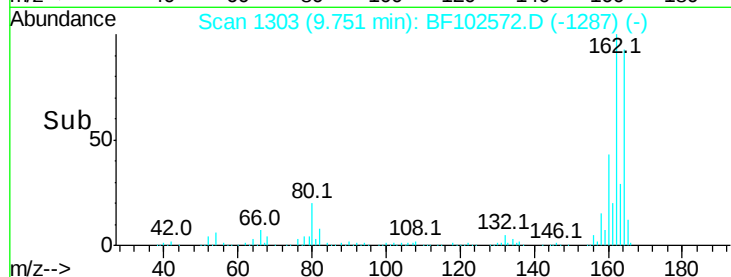
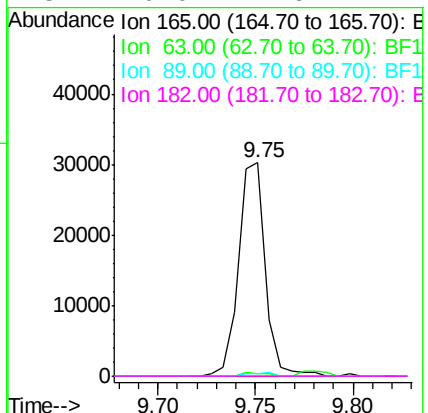
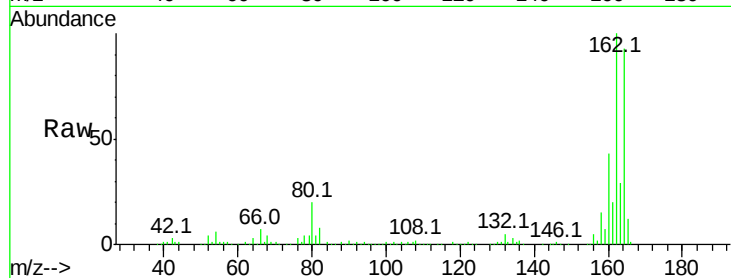




#56
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.21 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

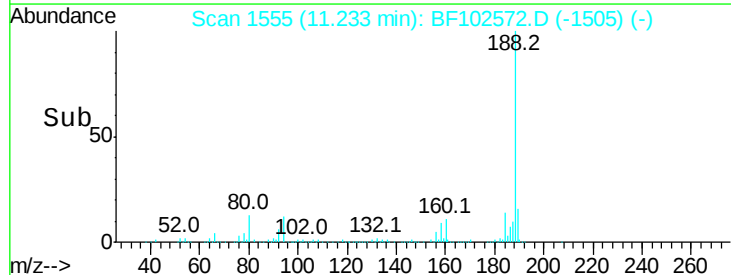
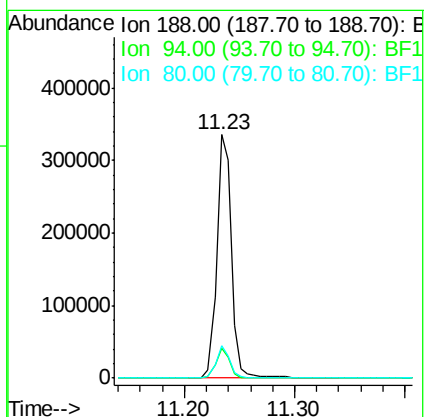
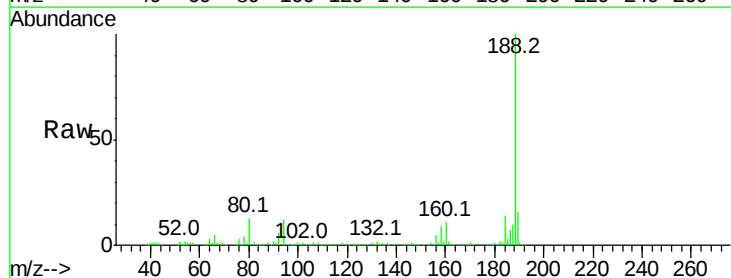
Instrument :
 BNA_F
 ClientSampleId :

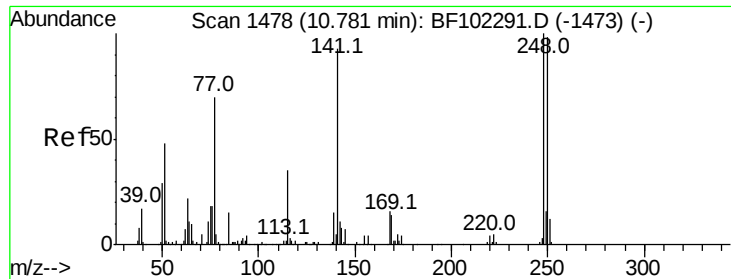
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.2	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF102572.D
 Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.4	8.5	12.7
80	13.2	9.2	13.8

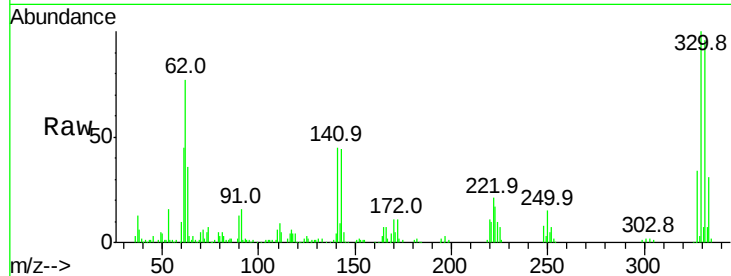




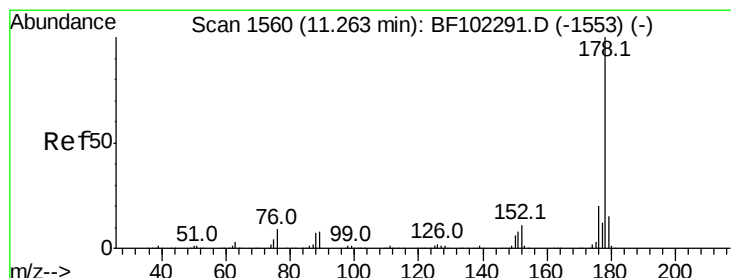
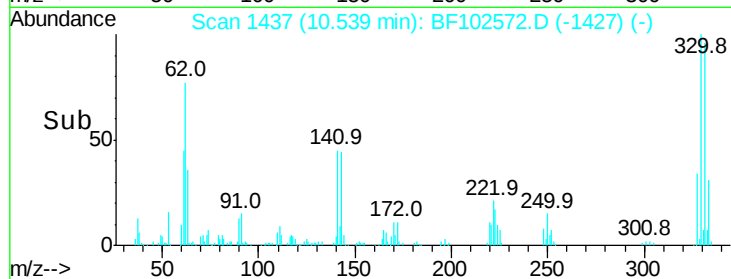
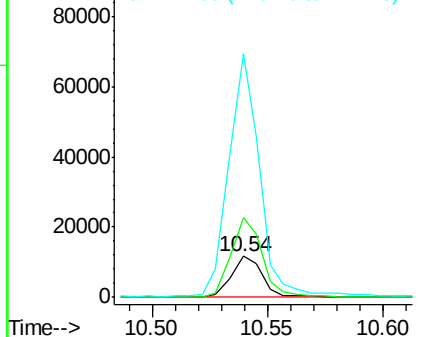
#66
4-Bromophenyl-phenylether
Concen: 3.363 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.24 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 11119
Ion Ratio Lower Upper
248 100
250 195.1 76.9 115.3#
141 591.3 74.4 111.6#

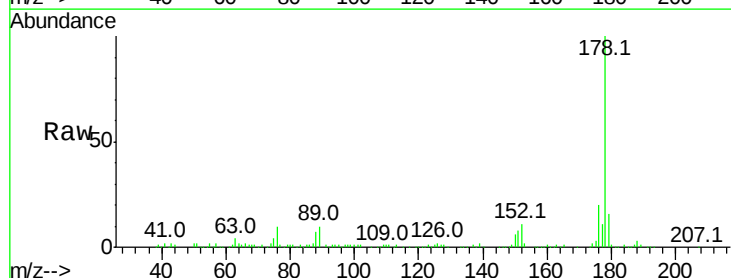


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

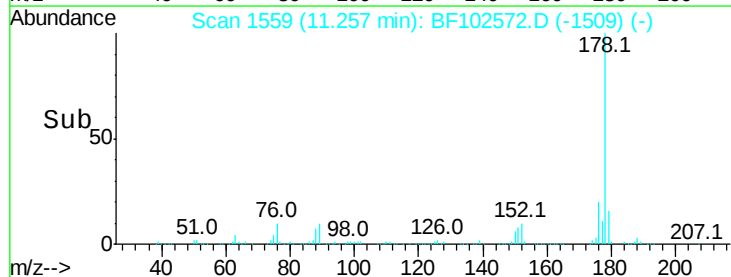
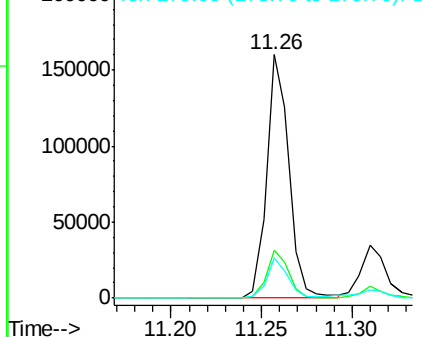


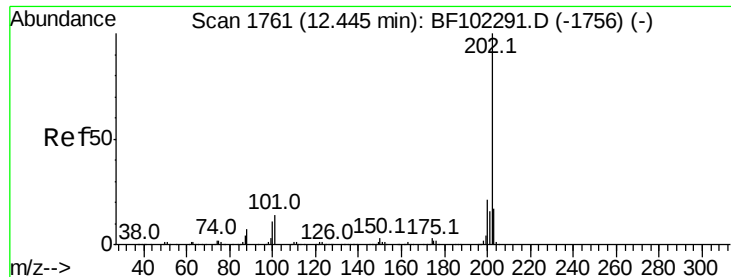
#70
Phenanthrene
Concen: 7.639 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:178 Resp: 136716
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.3 13.0 19.6



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





#74

Fluoranthene

Concen: 11.098 ng

RT: 12.45 min Scan# 1762

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

ClientSampleId :

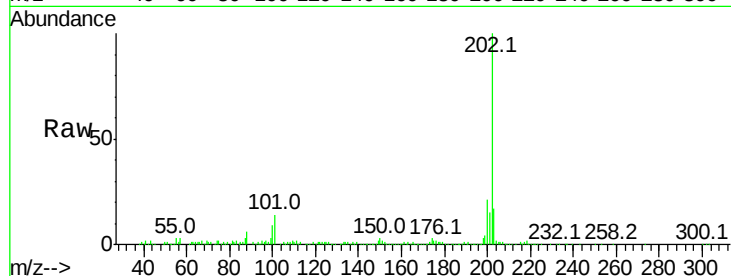
Tot Ion:202 Resp: 202548

Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

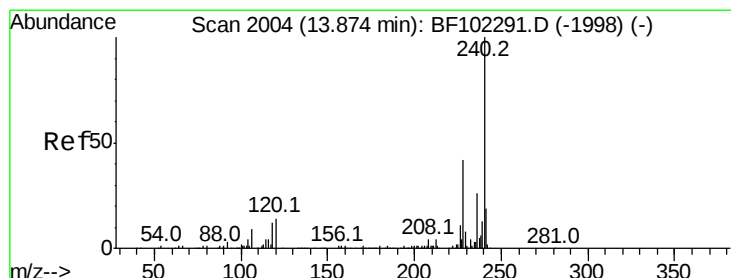
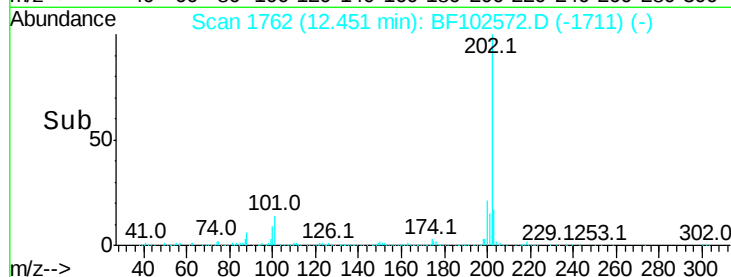
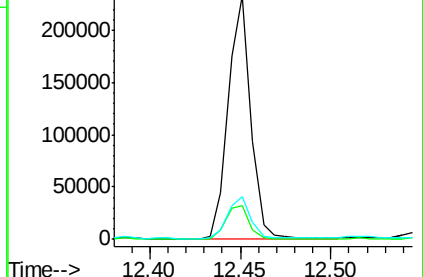
203 17.4 0.0 38.1



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: 13.88 min Scan# 2005

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

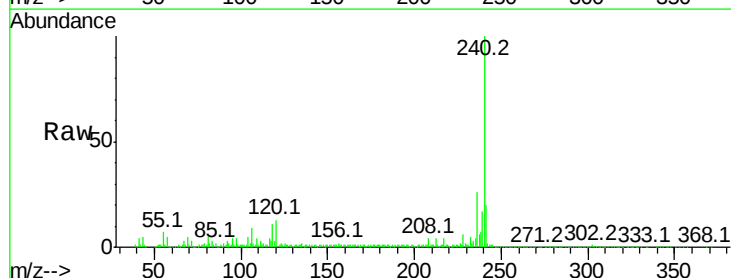
Tgt Ion:240 Resp: 277553

Ion Ratio Lower Upper

240 100

120 12.9 9.5 14.3

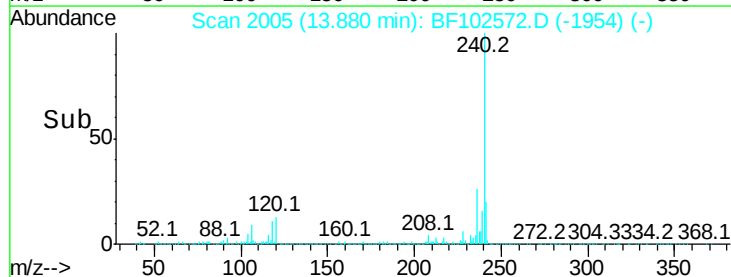
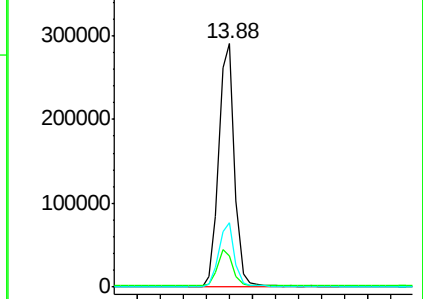
236 26.4 20.7 31.1

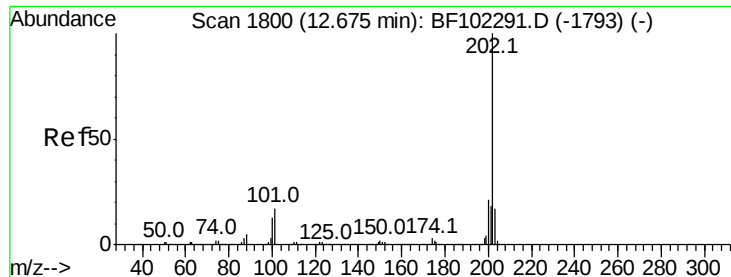


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

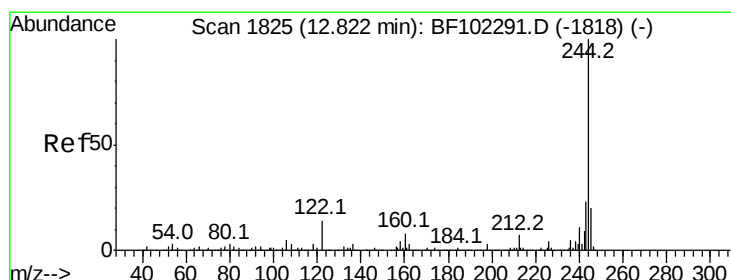
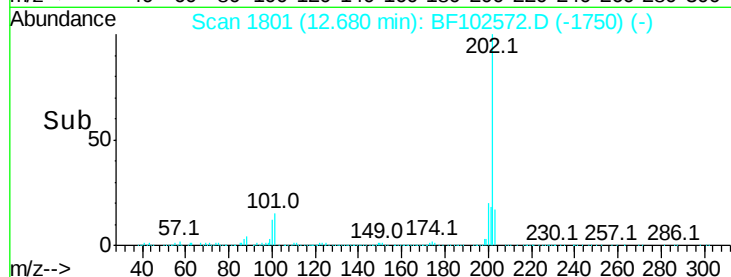
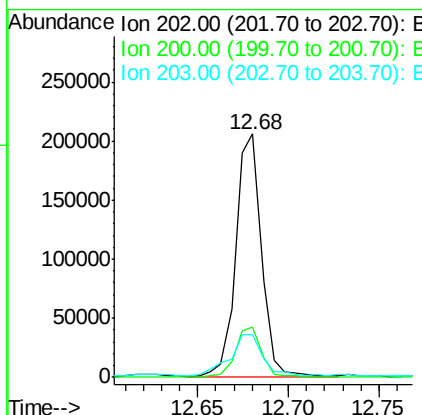
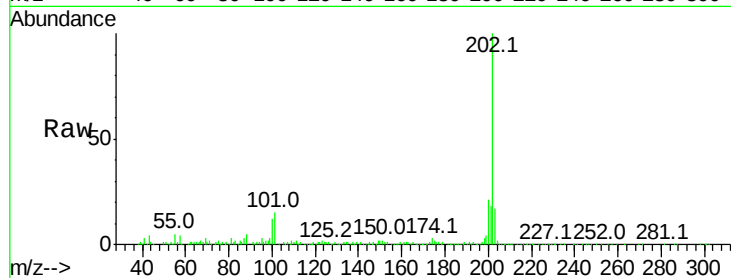




#77
Pvrene
Concen: 9.403 ng
RT: 12.68 min Scan# 1801
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

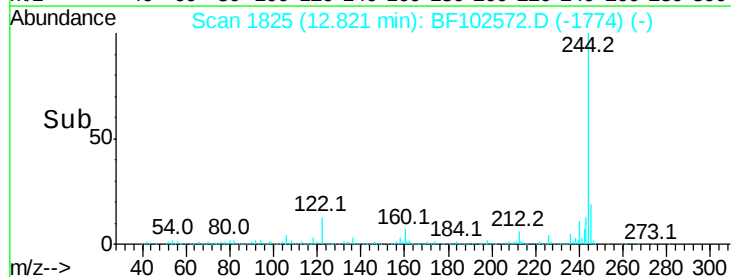
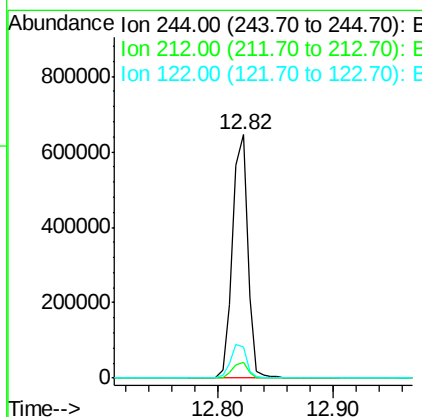
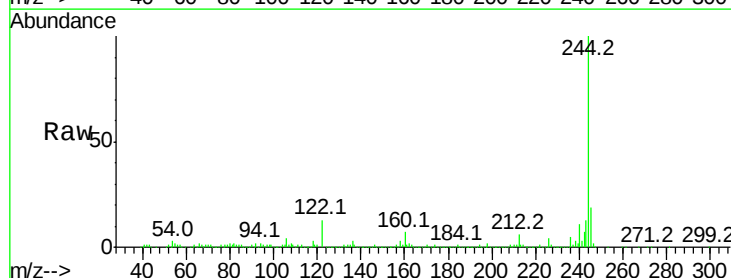
Instrument :
BNA_F
ClientSampleId :

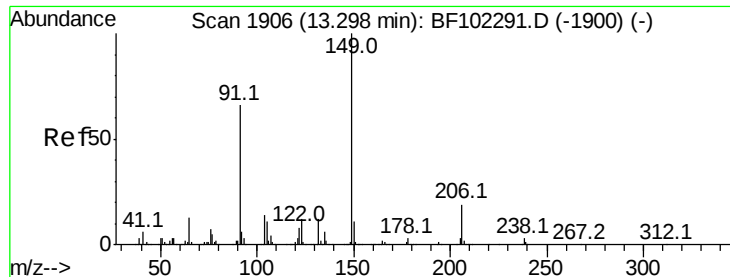
Tot Ion:202 Resp: 201773
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.3 14.3 21.5



#78
Terphenyl-d14
Concen: 48.458 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:244 Resp: 596610
Ion Ratio Lower Upper
244 100
212 6.3 5.4 8.0
122 12.7 11.0 16.4

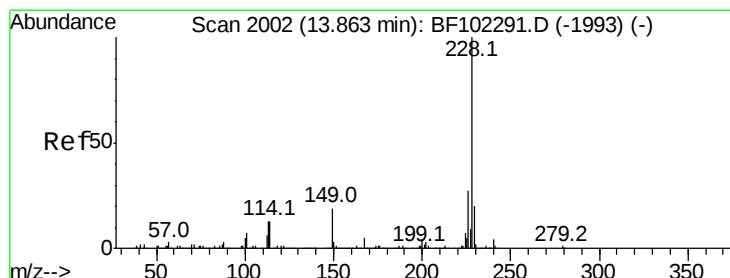
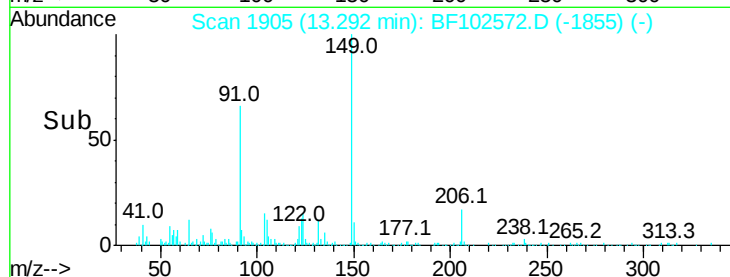
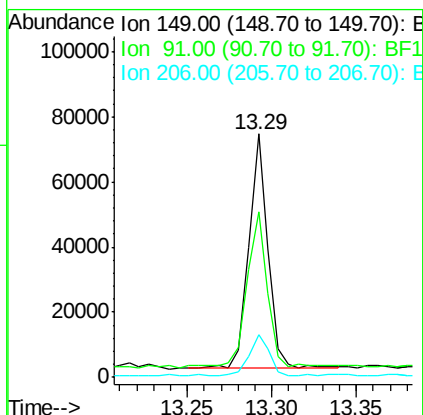
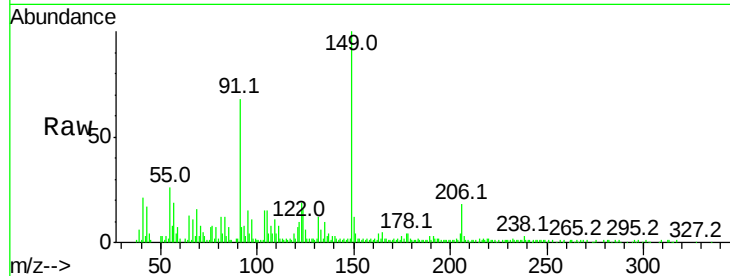




#79
Butylbenzylphthalate
Concen: 5.346 ng
RT: 13.29 min Scan# 1905
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

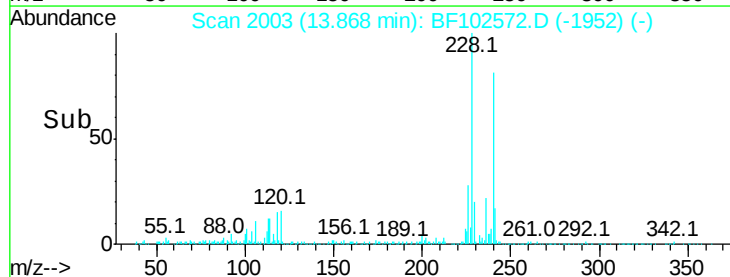
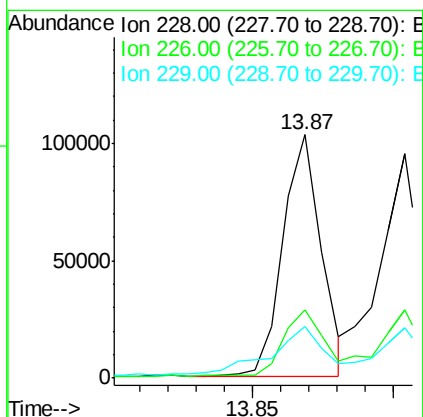
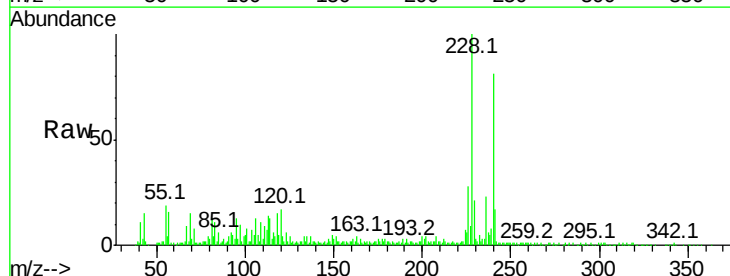
Instrument :
BNA_F
ClientSampleId :

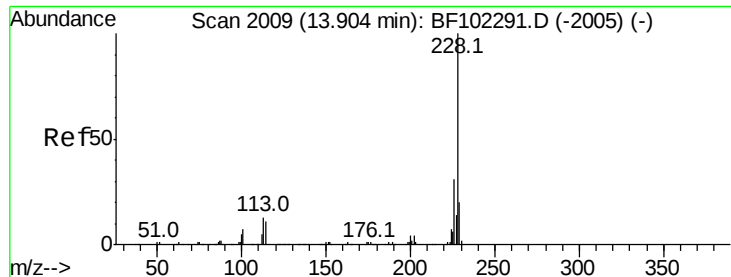
Tot Ion:149 Resp: 57090
Ion Ratio Lower Upper
149 100
91 67.9 56.8 85.2
206 17.6 14.1 21.1



#80
Benzo(a)anthracene
Concen: 5.666 ng
RT: 13.87 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:228 Resp: 96813
Ion Ratio Lower Upper
228 100
226 28.2 22.6 33.8
229 21.2 15.8 23.6

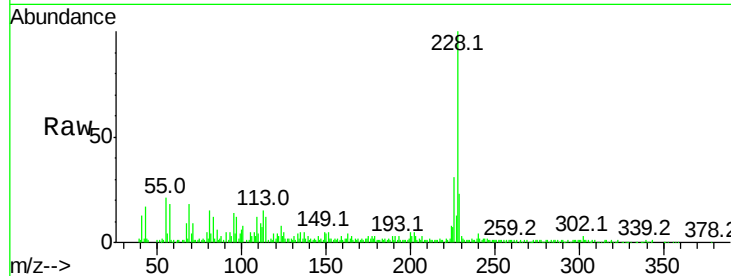




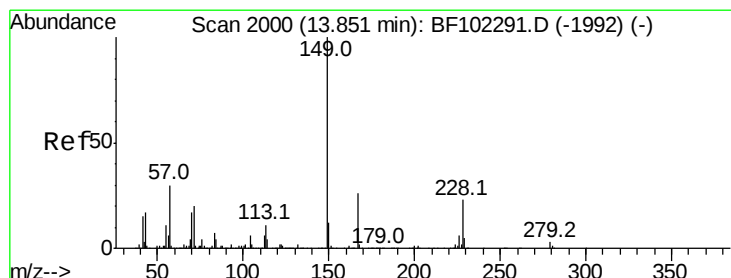
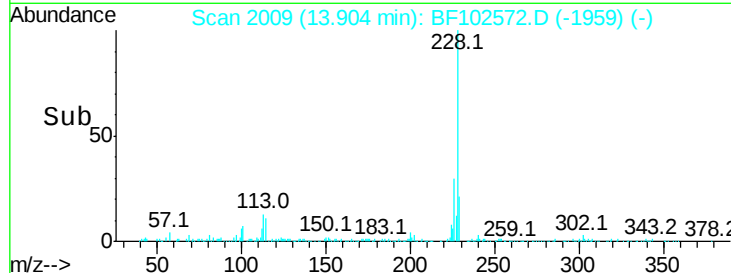
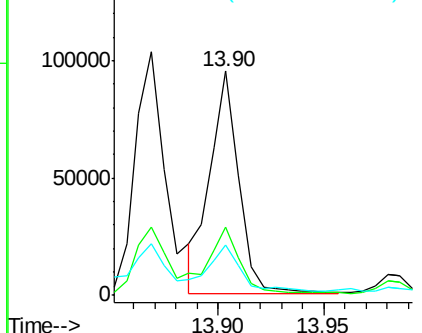
#82
Chrysene
Concen: 5.225 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 90661
Ion Ratio Lower Upper
228 100
226 30.7 25.0 37.6
229 22.7 16.2 24.4

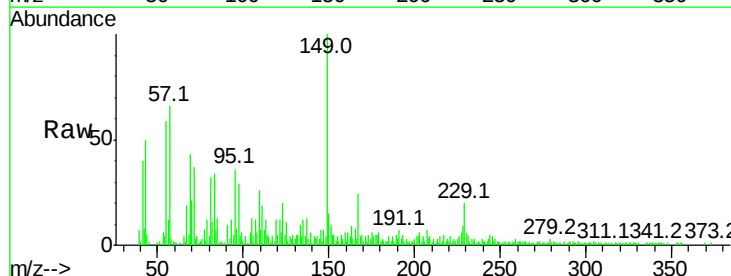


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

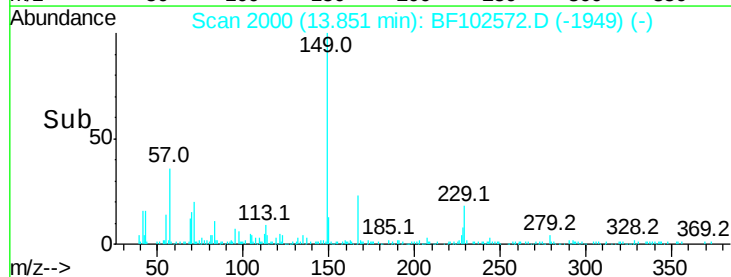
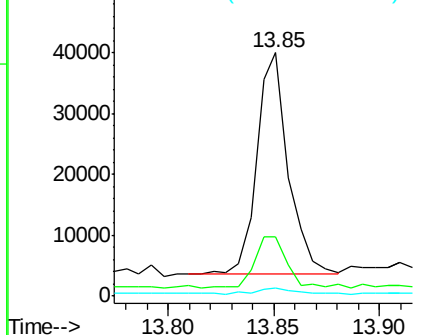


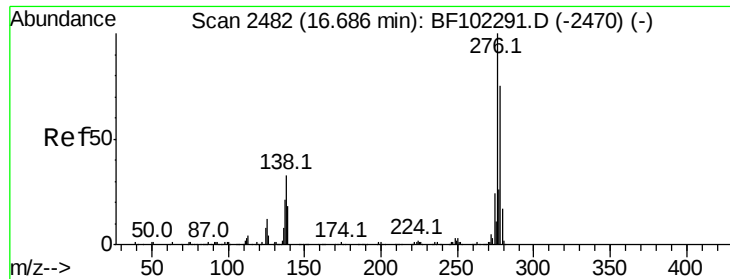
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.593 ng
RT: 13.85 min Scan# 2000
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion:149 Resp: 37220
Ion Ratio Lower Upper
149 100
167 24.4 21.3 31.9
279 3.4 3.0 4.4



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





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.095 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

ClientSampleId :

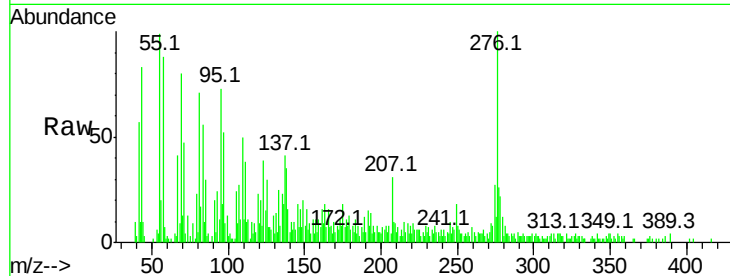
Tot Ion:276 Resp: 30024

Ion Ratio Lower Upper

276 100

138 34.0 25.0 37.6

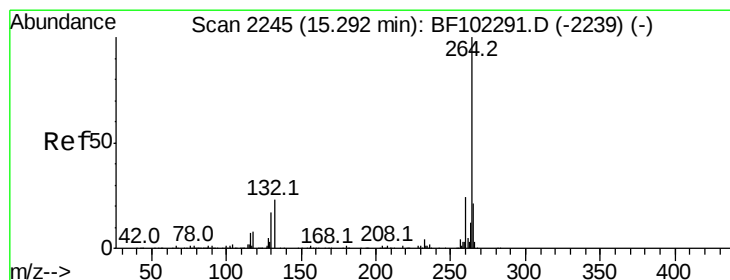
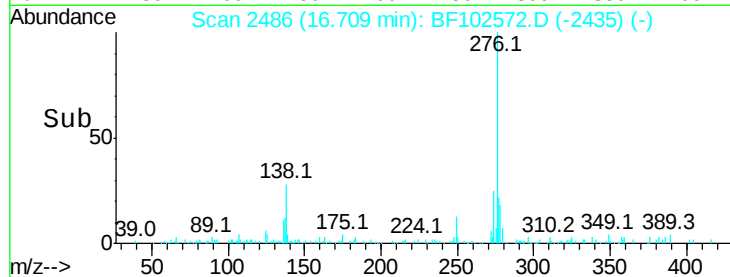
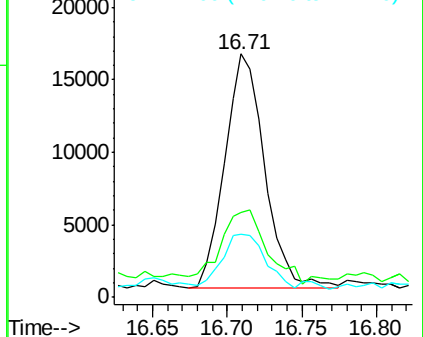
277 24.7 20.1 30.1



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: 15.31 min Scan# 2248

Delta R.T. 0.01 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

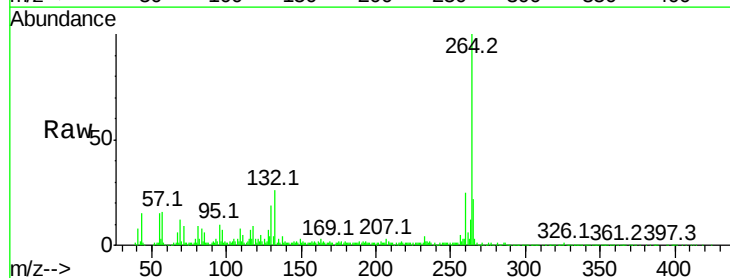
Tgt Ion:264 Resp: 226227

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

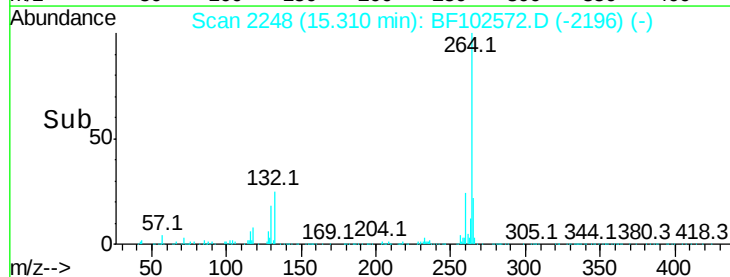
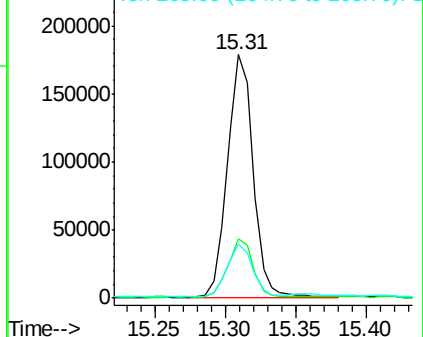
265 22.0 17.5 26.3

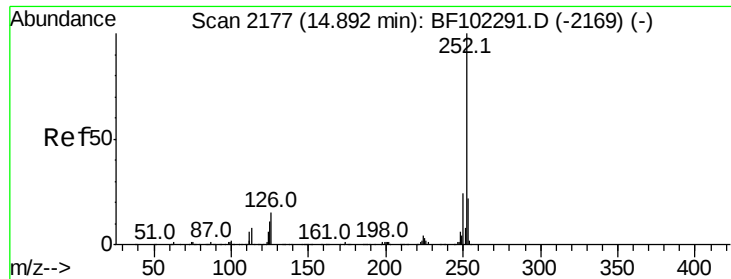


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

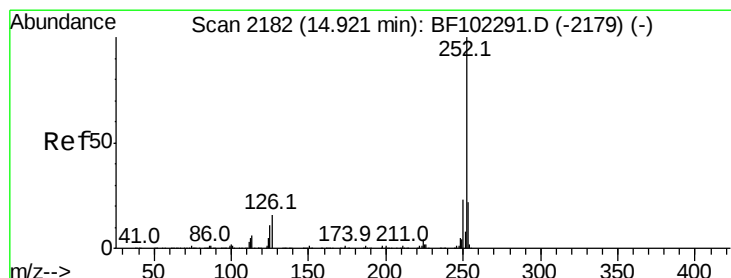
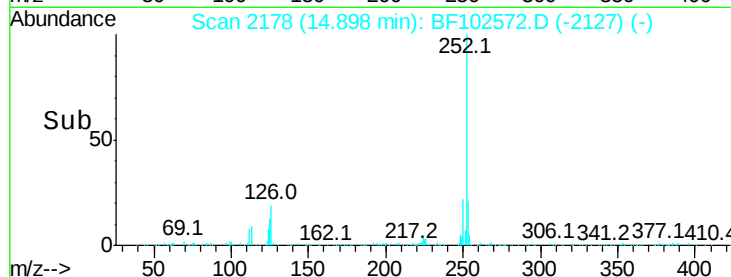
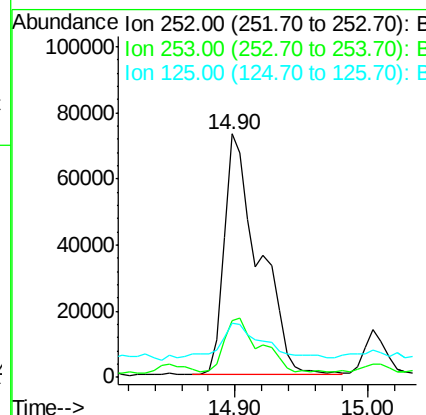
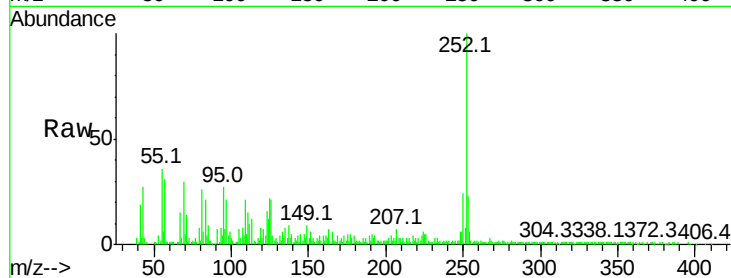




#87
Benzo(b)fluoranthene
Concen: 9.022 ng
RT: 14.90 min Scan# 2178
Delta R.T. 0.00 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

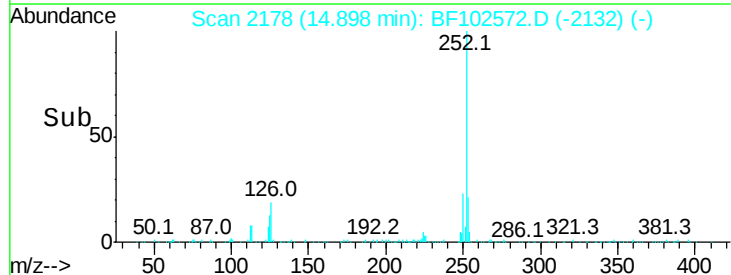
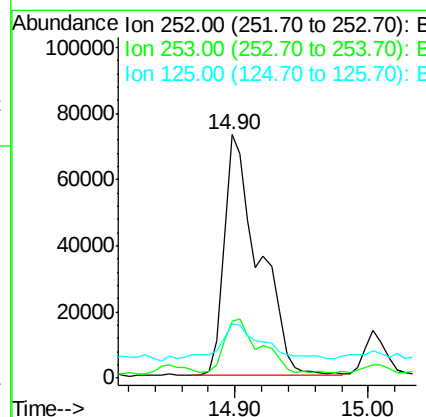
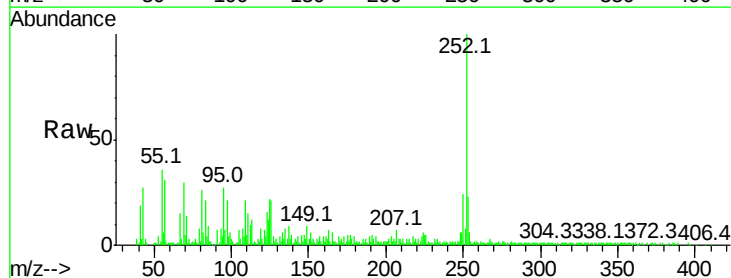
Instrument :
BNA_F
ClientSampled :

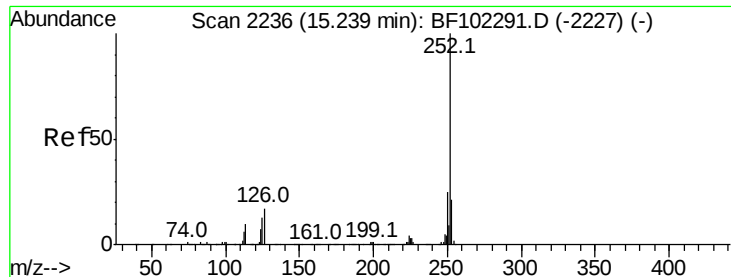
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	22.0	9.0	13.6#



#88
Benzo(k)fluoranthene
Concen: 9.549 ng
RT: 14.90 min Scan# 2178
Delta R.T. -0.03 min
Lab File: BF102572.D
Acq: 28 Jan 2018 21:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	22.0	10.2	15.2#





#89

Benzo(a)pyrene

Concen: 5.067 ng

RT: 15.25 min Scan# 2238

Delta R.T. 0.00 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

Instrument :

BNA_F

ClientSampleId :

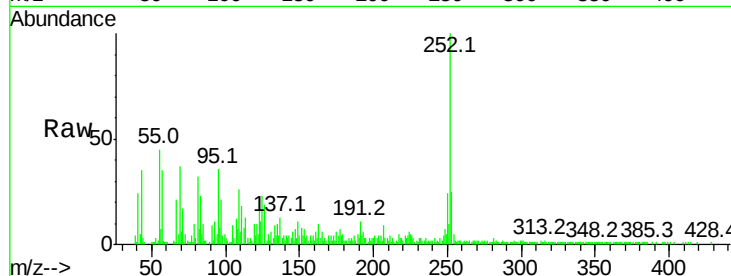
Tot Ion:252 Resp: 67010

Ion Ratio Lower Upper

252 100

253 24.8 17.1 25.7

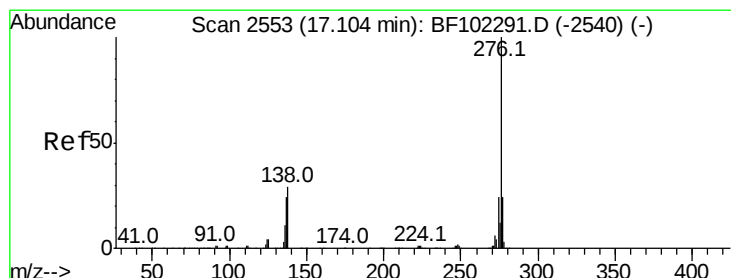
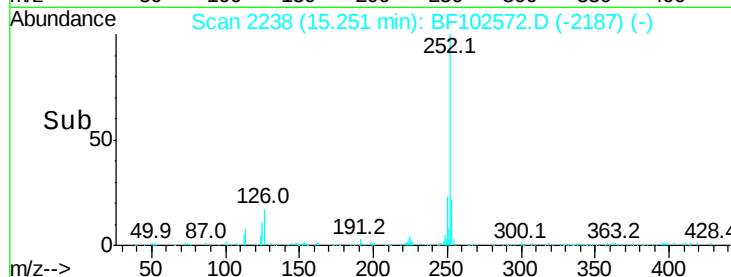
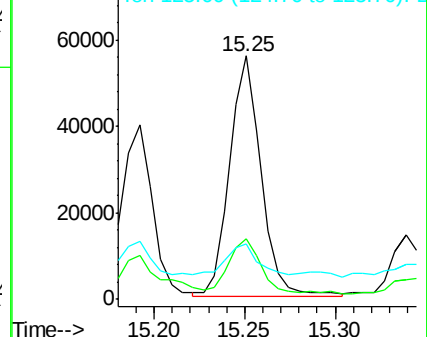
125 22.7 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 2.790 ng

RT: 17.14 min Scan# 2559

Delta R.T. 0.01 min

Lab File: BF102572.D

Acq: 28 Jan 2018 21:57

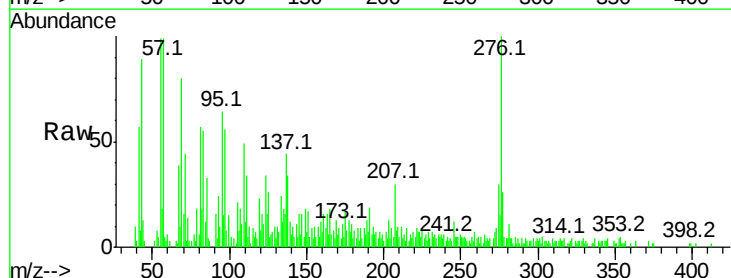
Tgt Ion:276 Resp: 29511

Ion Ratio Lower Upper

276 100

277 25.8 17.9 26.9

138 34.3 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

