

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122117\
 Data File : BF101602.D
 Acq On : 21 Dec 2017 13:08
 Operator : SJ/JU
 Sample : I6961-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(0-5)

Quant Time: Dec 21 13:42:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 14:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	144851	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	571740	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	245929	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	405825	20.00	ng	0.00
75) Chrysene-d12	13.97	240	248453	20.00	ng	0.00
86) Perylene-d12	15.43	264	306805	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	978054	100.58	ng	0.00
7) Phenol-d6	6.44	99	1162013	96.02	ng	0.00
23) Nitrobenzene-d5	7.36	82	755328	73.54	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	194763	82.19	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1176748	74.23	ng	0.00
78) Terphenyl-d14	12.90	244	790400	76.69	ng	0.00

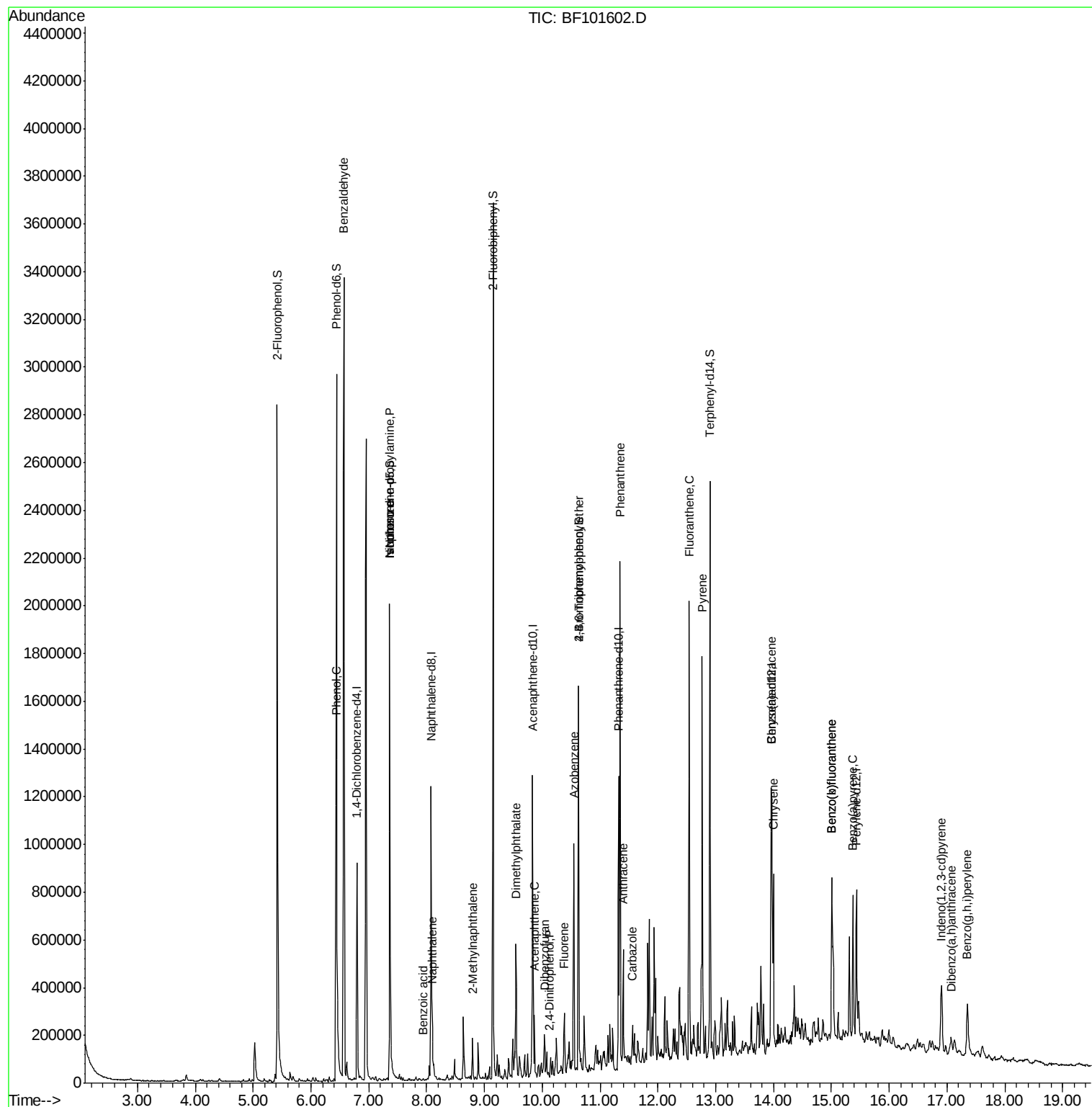
Target Compounds				Qvalue		
9) Benzaldehyde	6.57	77	19753	2.210	ng	82
10) Phenol	6.45	94	59140	4.287	ng	83
19) n-Nitroso-di-n-propylamine	7.36	70	102417	12.886	ng	# 84
25) Isophorone	7.36	82	755328	36.659	ng	# 64
31) Naphthalene	8.10	128	83002	2.884	ng	98
32) Benzoic acid	7.93	122	233	7.996	ng	# 74
37) 2-Methylnaphthalene	8.79	142	46963	2.504	ng	99
49) Dimethylphthalate	9.55	163	199742	10.097	ng	100
51) Acenaphthene	9.86	154	49637	3.134	ng	98
53) 2,4-Dinitrophenol	10.12	184	250	10.476	ng	# 1
54) Dibenzofuran	10.04	168	51206	2.544	ng	# 95
57) Fluorene	10.38	166	64313	3.778	ng	99
62) Azobenzene	10.55	77	159346	7.852	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	12651	2.774	ng	# 1
70) Phenanthrene	11.34	178	791180	35.057	ng	99
71) Anthracene	11.40	178	191724	8.317	ng	99
72) Carbazole	11.56	167	51431	2.383	ng	98
74) Fluoranthene	12.54	202	711117	30.019	ng	98
77) Pyrene	12.77	202	667404	35.793	ng	99
80) Benzo(a)anthracene	13.96	228	342576	20.881	ng	98
82) Chrysene	14.00	228	304709	19.671	ng	98
85) Indeno(1,2,3-cd)pyrene	16.91	276	187384	13.585	ng	# 92
87) Benzo(b)fluoranthene	15.01	252	486033	25.990	ng	97
88) Benzo(k)fluoranthene	15.01	252	486033	26.732	ng	99
89) Benzo(a)pyrene	15.37	252	283277	16.432	ng	98
90) Dibenzo(a,h)anthracene	17.07	278	42987	2.904	ng	94
91) Benzo(g,h,i)perylene	17.36	276	189001	12.895	ng	93

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

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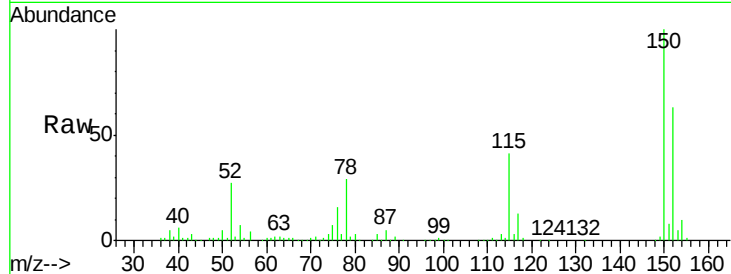


#1

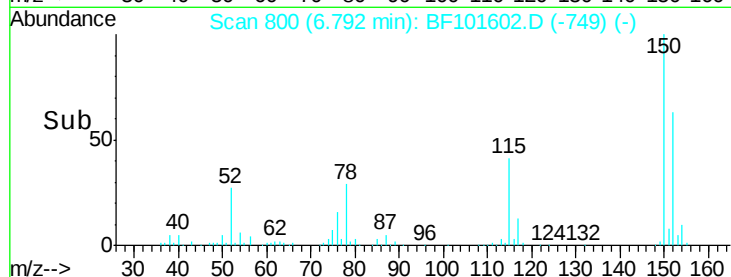
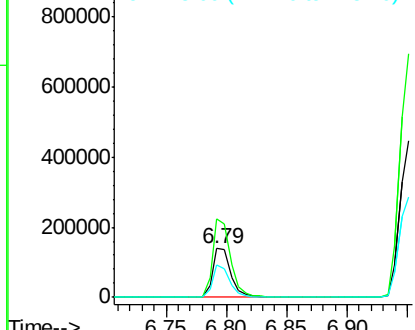
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(0-5)

Tgt Ion:152 Resp: 144851
Ion Ratio Lower Upper
152 100
150 159.6 124.6 186.8
115 65.7 50.1 75.1



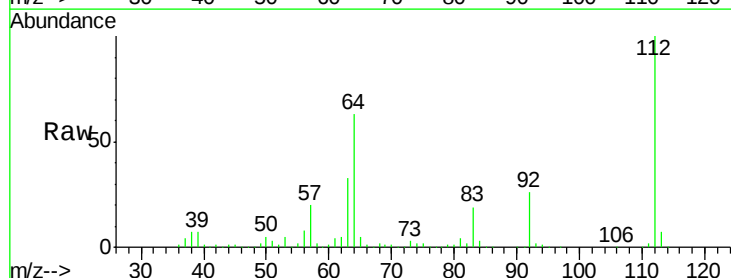
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



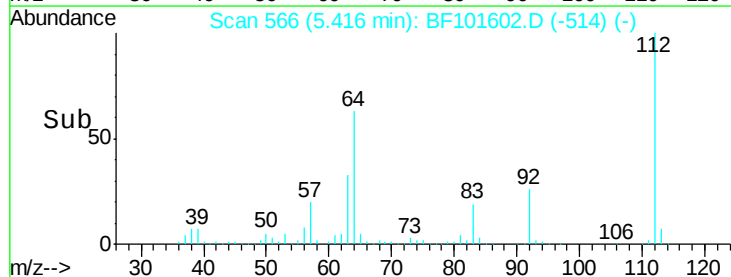
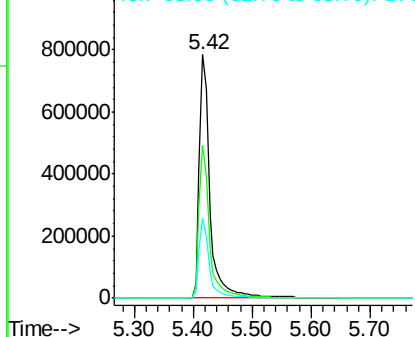
#5

2-Fluorophenol
Concen: 100.578 ng
RT: 5.42 min Scan# 566
Delta R.T. 0.01 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

Tgt Ion:112 Resp: 978054
Ion Ratio Lower Upper
112 100
64 62.7 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: 96.016 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

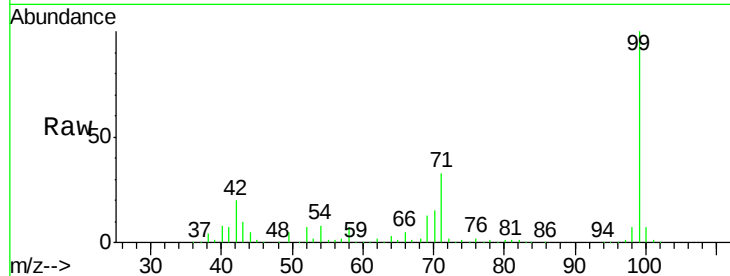
Tgt Ion: 99 Resp: 1162013

Ion Ratio Lower Upper

99 100

42 20.2 14.5 21.7

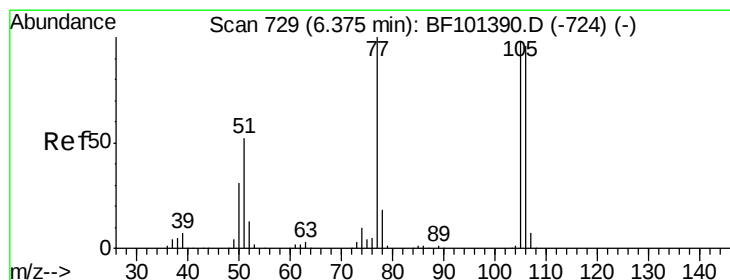
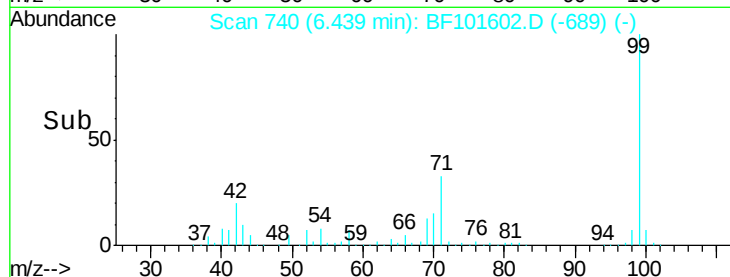
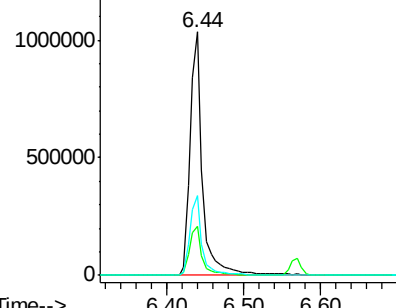
71 32.8 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.210 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.21 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

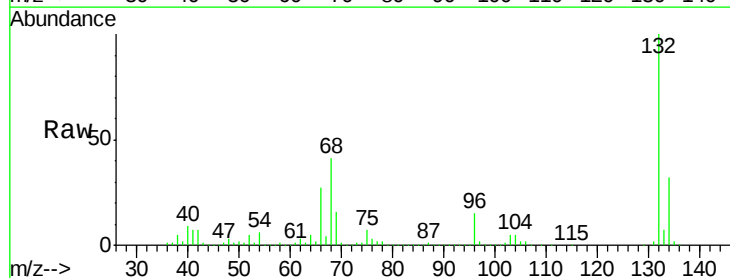
Tgt Ion: 77 Resp: 19753

Ion Ratio Lower Upper

77 100

105 81.7 81.1 121.1

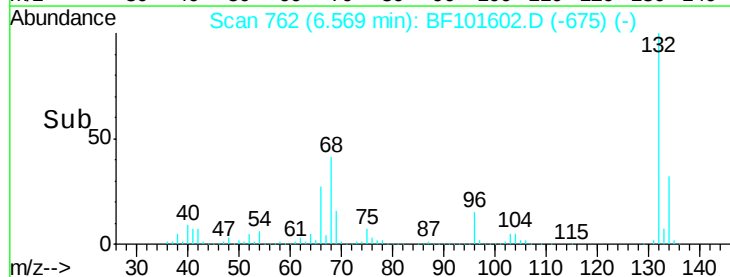
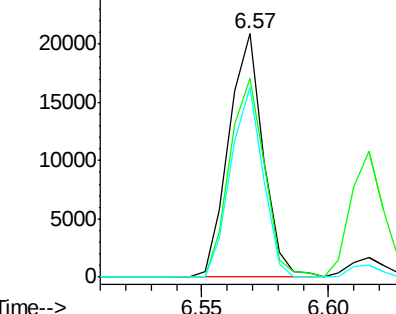
106 78.1 74.5 114.5

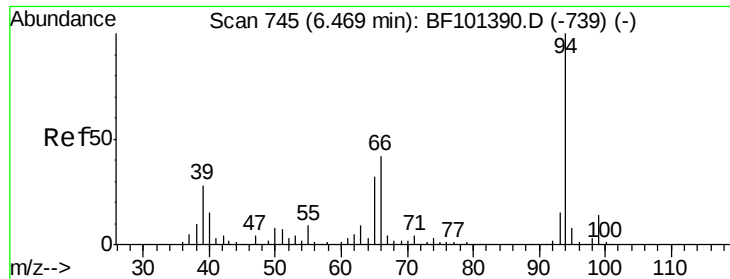


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 4.287 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

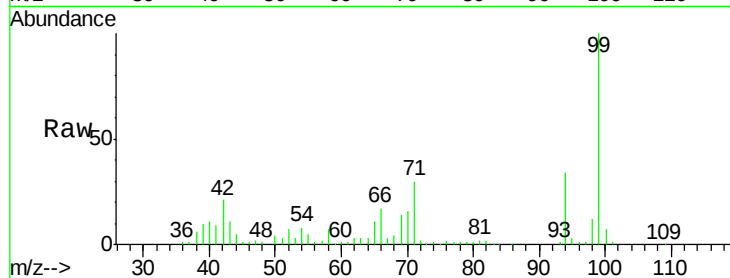
Tgt Ion: 94 Resp: 59140

Ion Ratio Lower Upper

94 100

65 31.0 7.9 47.9

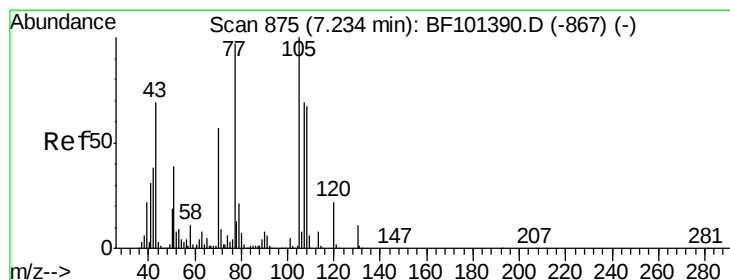
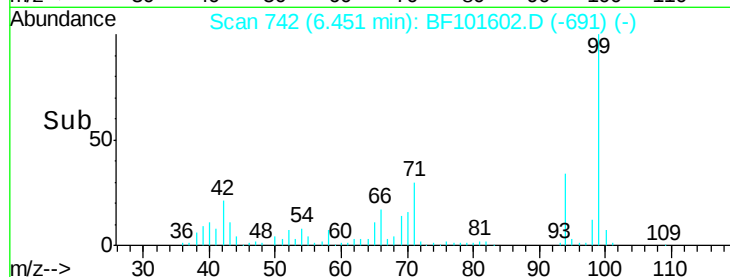
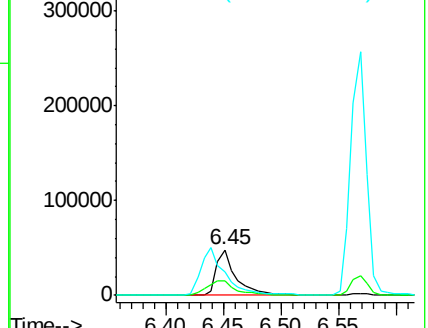
66 51.4 16.2 56.2



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: 12.886 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Tgt Ion: 70 Resp: 102417

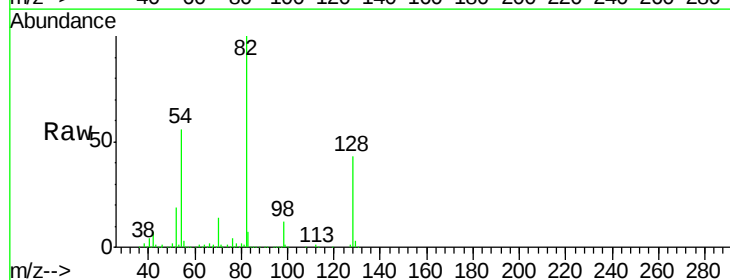
Ion Ratio Lower Upper

70 100

42 55.3 47.5 71.3

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

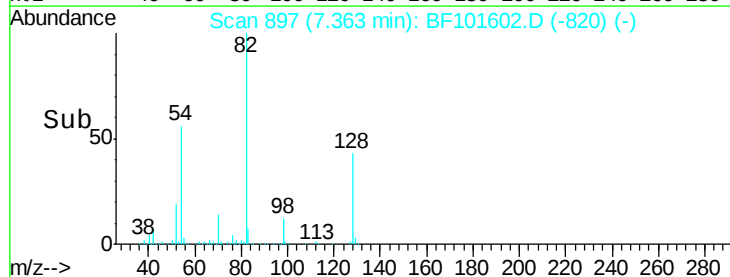
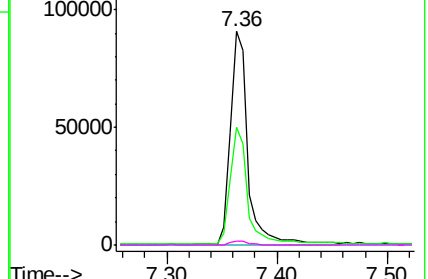


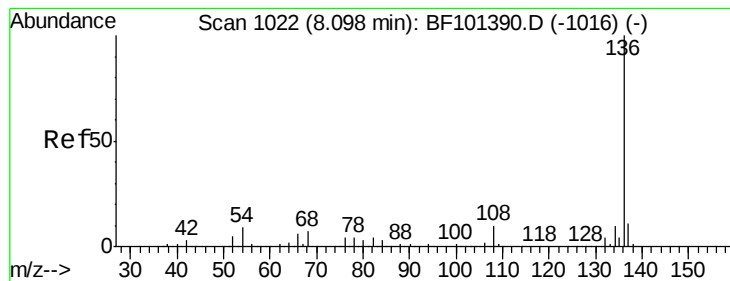
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

Tgt Ion: 136 Resp: 571740

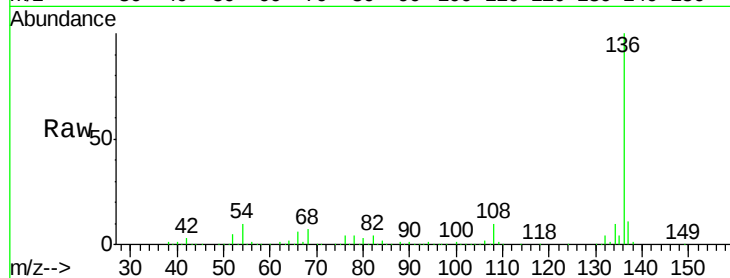
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.9 6.6 9.8#

68 6.9 5.0 7.4

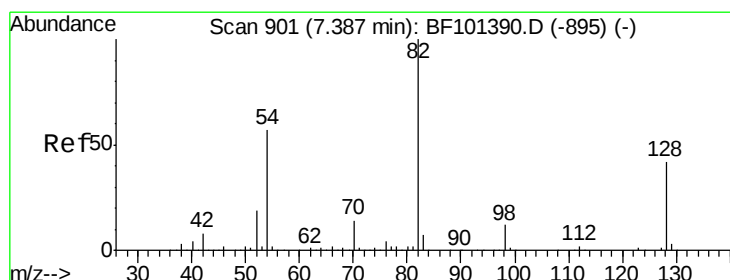
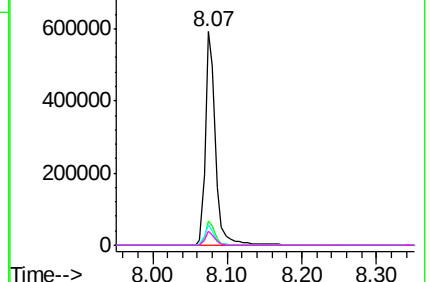
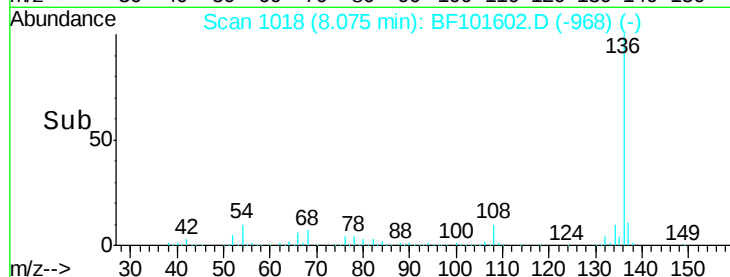


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 73.540 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

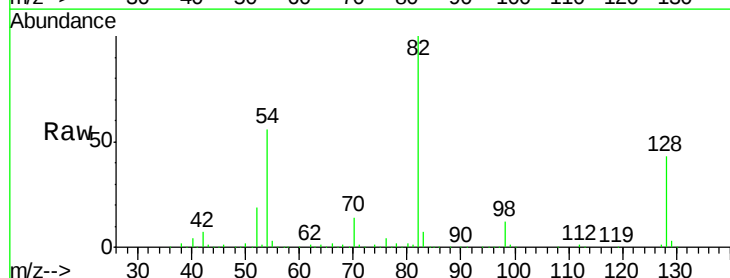
Tgt Ion: 82 Resp: 755328

Ion Ratio Lower Upper

82 100

128 42.8 36.1 54.1

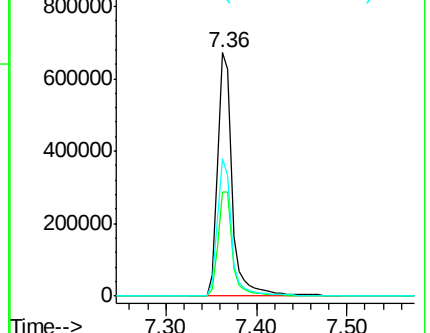
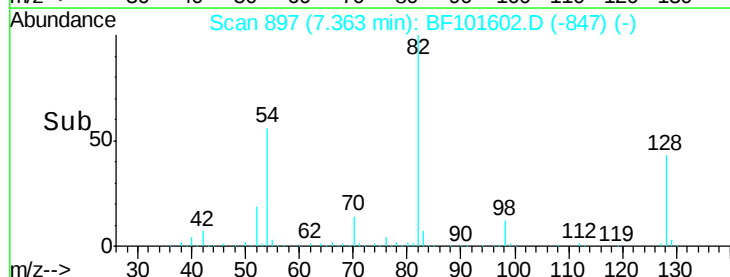
54 56.2 41.4 62.2

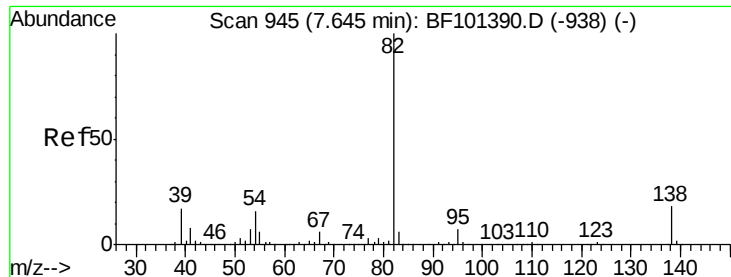


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.659 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

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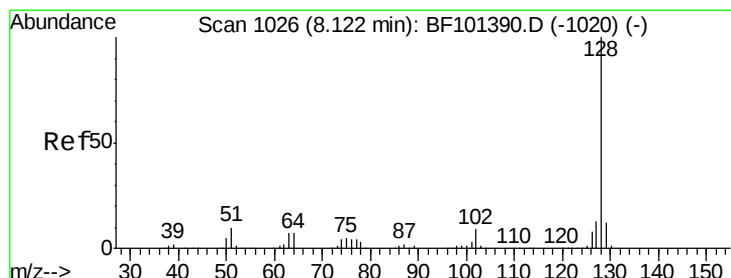
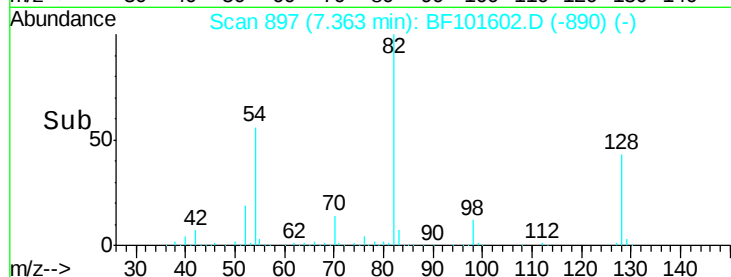
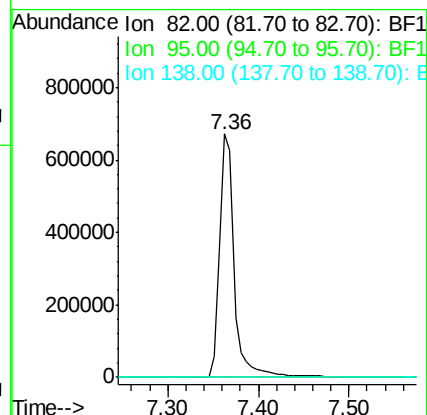
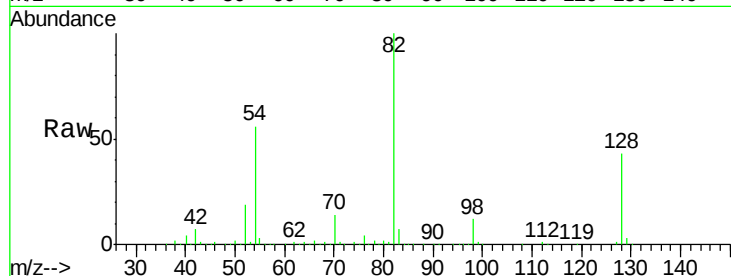
Tgt Ion: 82 Resp: 755328

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

138 0.0 14.9 22.3#



#31

Naphthalene

Concen: 2.884 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

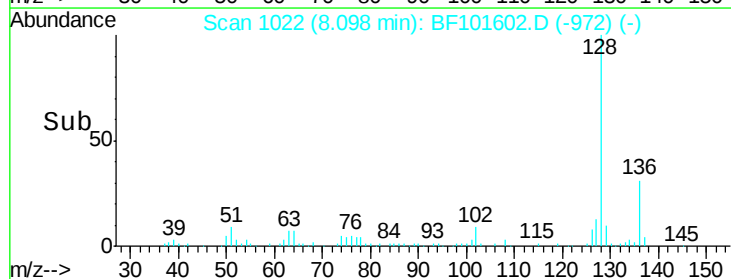
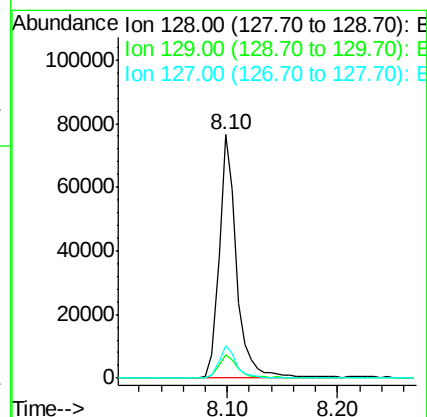
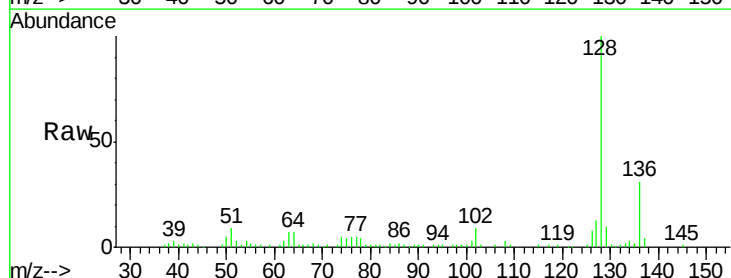
Tgt Ion: 128 Resp: 83002

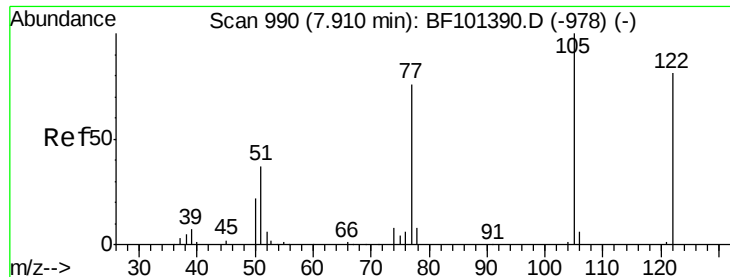
Ion Ratio Lower Upper

128 100

129 9.7 8.8 13.2

127 13.4 10.9 16.3





#32

Benzoic acid

Concen: 7.996 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.03 min

Lab File: BF101602.D

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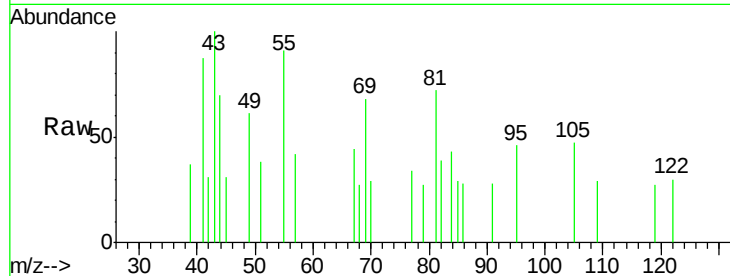
Tgt Ion:122 Resp: 233

Ion Ratio Lower Upper

122 100

105 153.8 101.1 141.1#

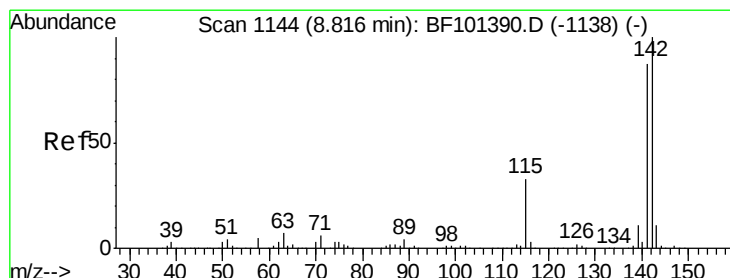
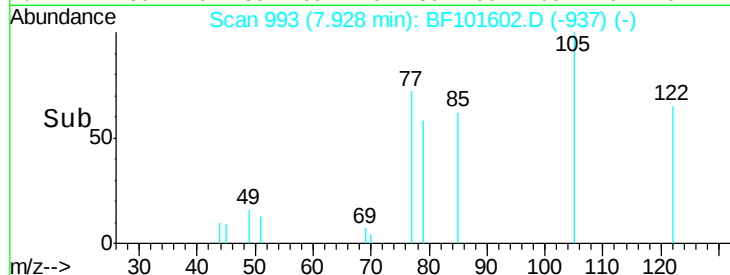
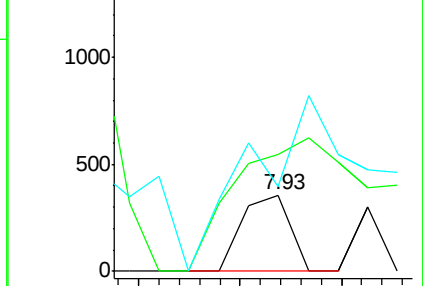
77 111.0 70.7 110.7#



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



#37

2-Methylnaphthalene

Concen: 2.504 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

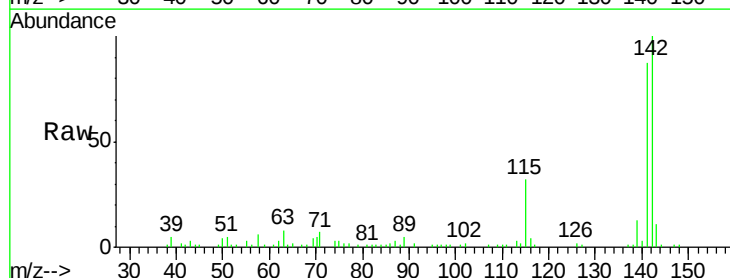
Tgt Ion:142 Resp: 46963

Ion Ratio Lower Upper

142 100

141 86.8 70.8 106.2

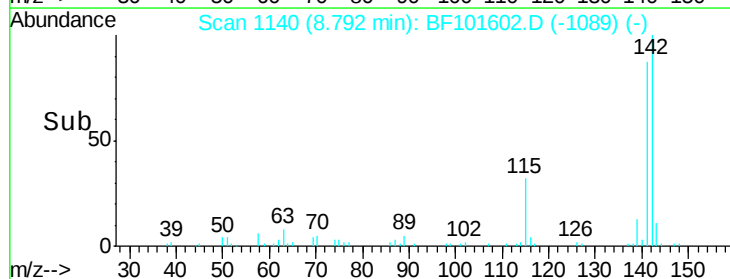
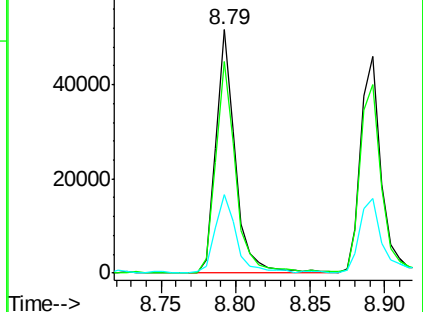
115 32.4 26.1 39.1

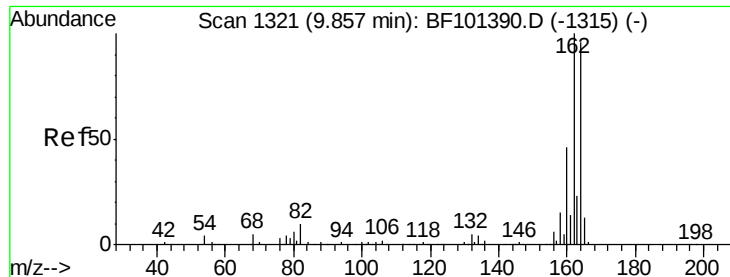


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

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EPE-106-3DS(0-5)

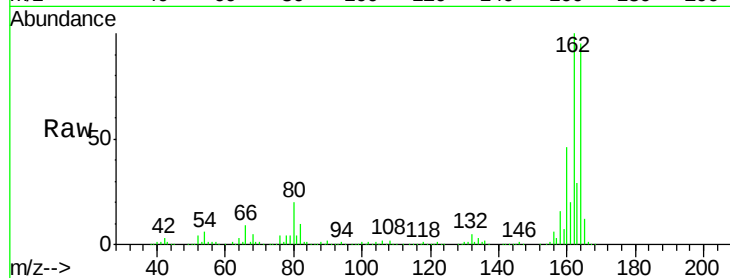
Tgt Ion:164 Resp: 245929

Ion Ratio Lower Upper

164 100

162 105.1 86.1 129.1

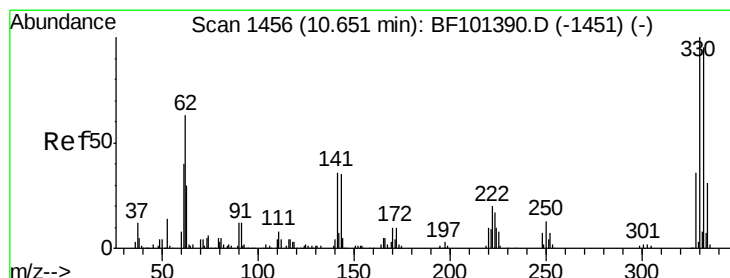
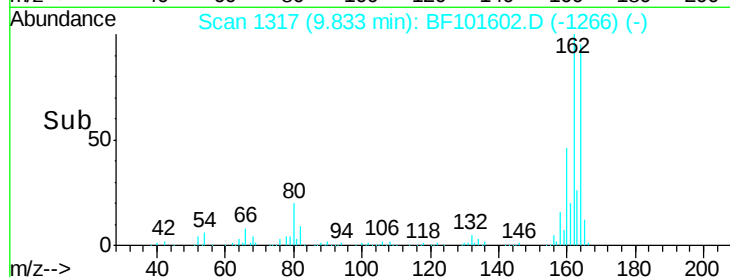
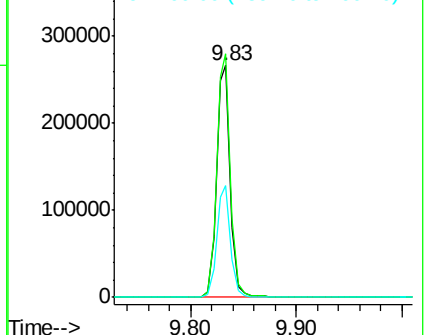
160 48.4 38.3 57.5



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: 82.188 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

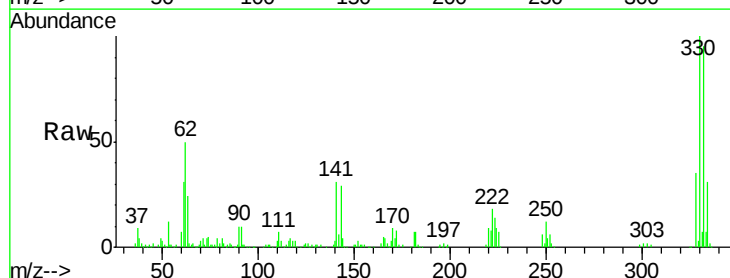
Tgt Ion:330 Resp: 194763

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

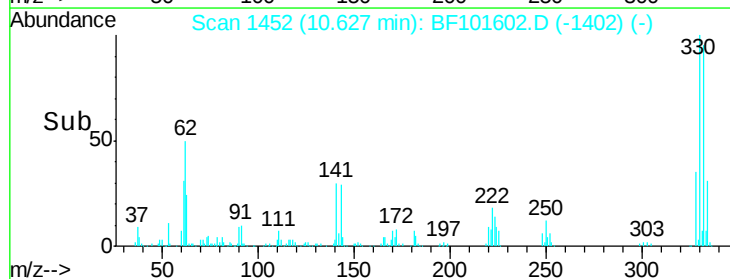
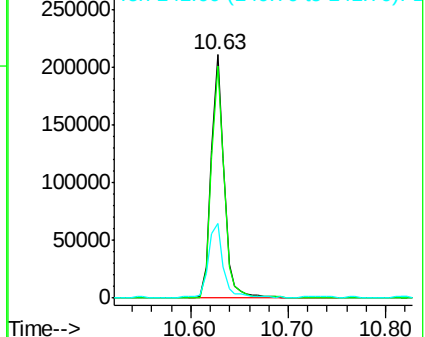
141 35.1 29.9 44.9

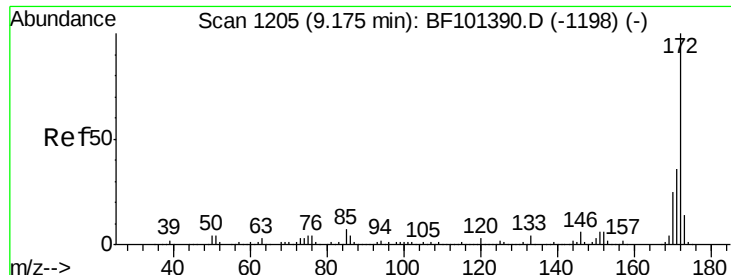


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

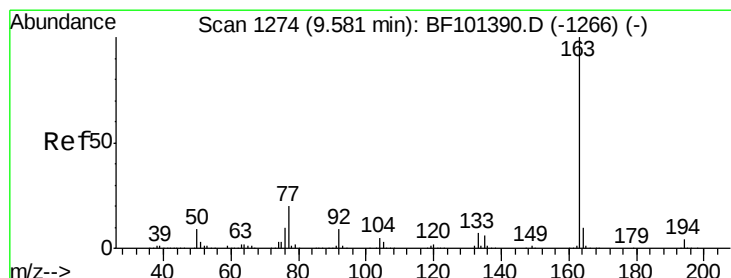
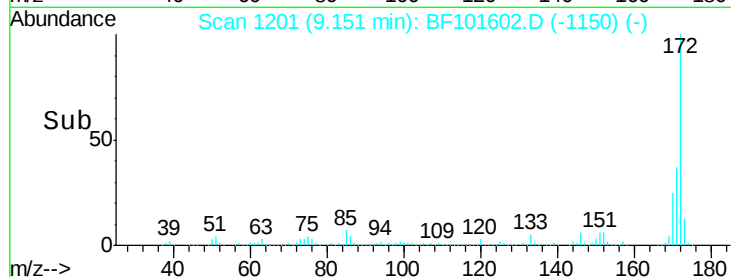
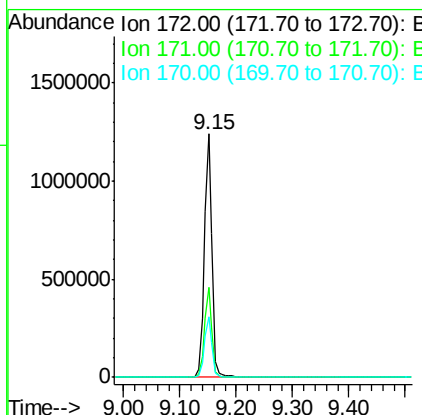
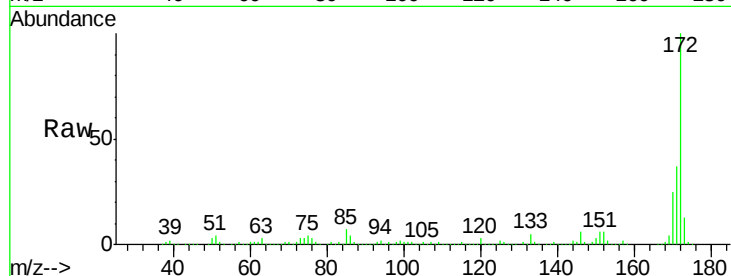




#44
2-Fluorobiphenyl
Concen: 74.225 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

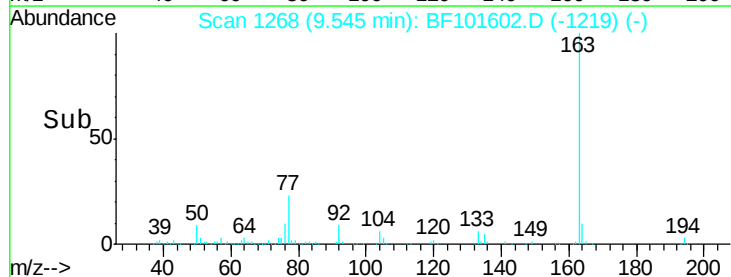
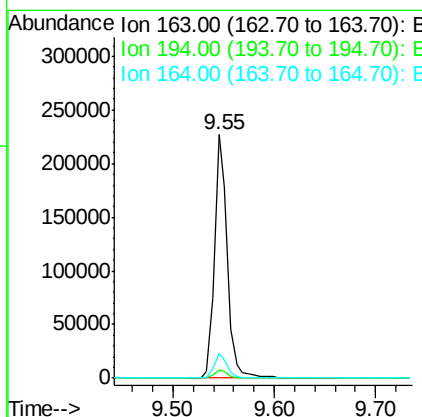
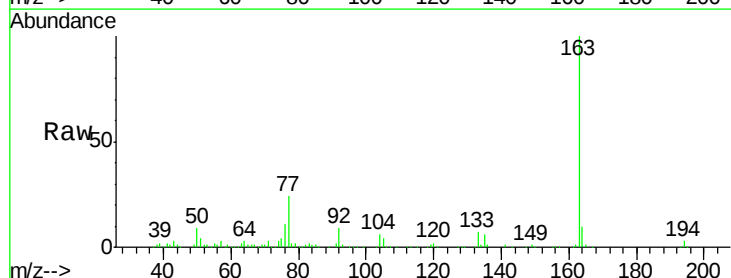
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(0-5)

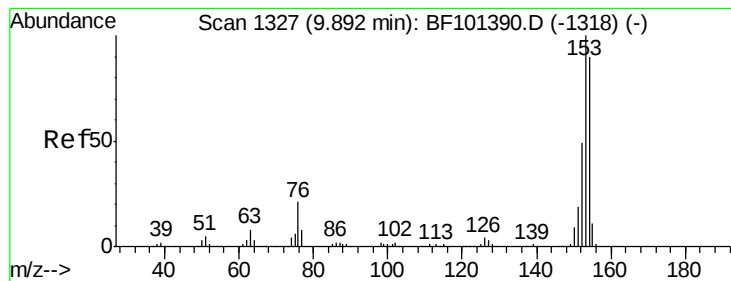
Tgt Ion:172 Resp: 1176748
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 24.8 19.6 29.4



#49
Dimethylphthalate
Concen: 10.097 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

Tgt Ion:163 Resp: 199742
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.2 8.2 12.2





#51

Acenaphthene

Concen: 3.134 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

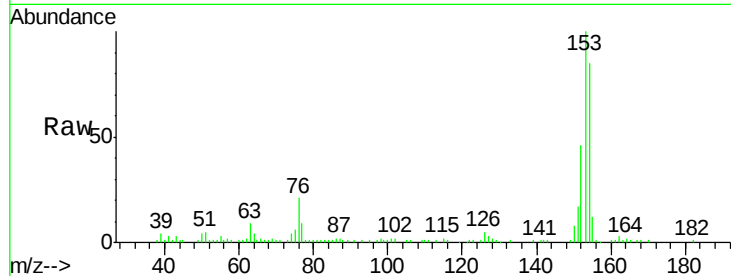
Tgt Ion:154 Resp: 49637

Ion Ratio Lower Upper

154 100

153 117.5 91.2 136.8

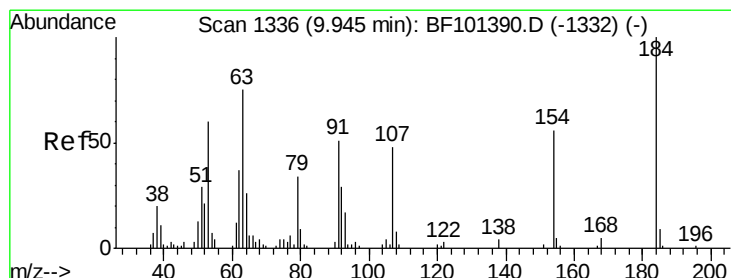
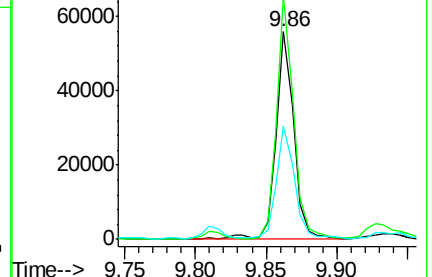
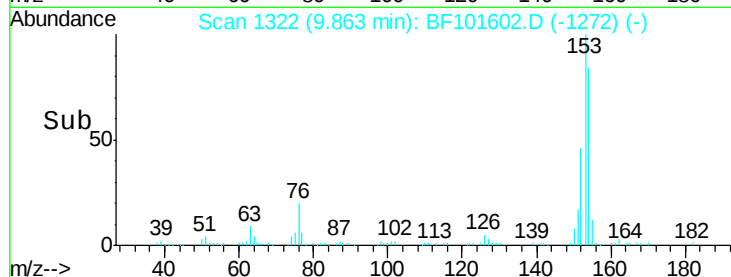
152 54.5 43.8 65.8



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



#53

2,4-Dinitrophenol

Concen: 10.476 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.19 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

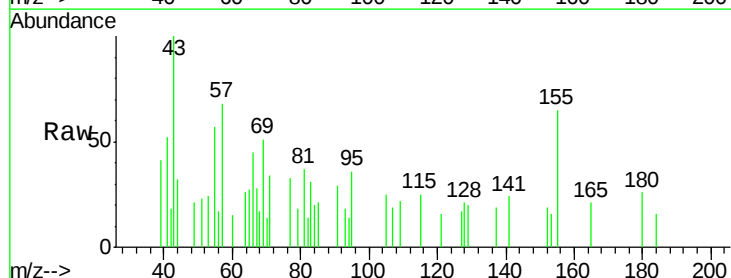
Tgt Ion:184 Resp: 250

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

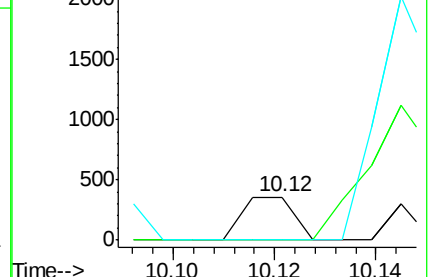
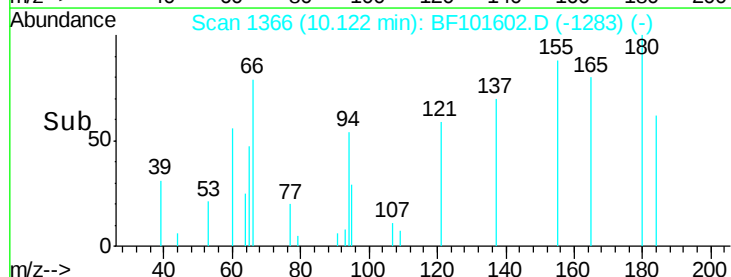
154 0.0 184.0 276.0#

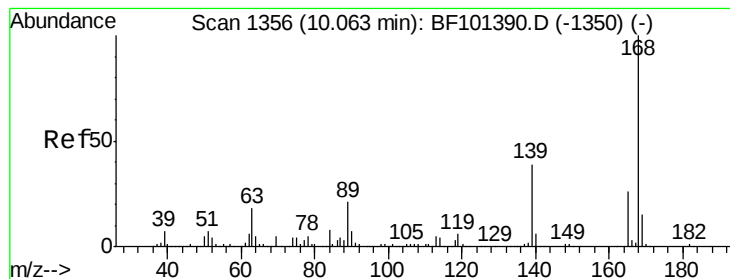


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.544 ng

RT: 10.04 min Scan# 1352

Delta R.T. -0.00 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

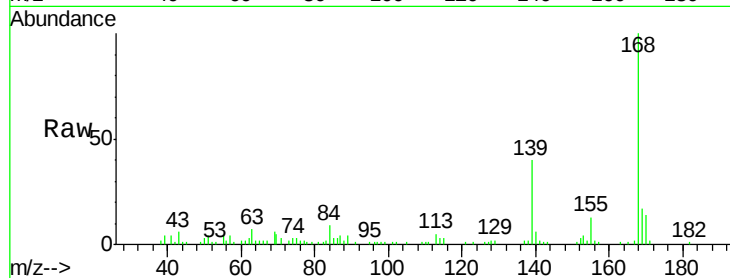
Tgt Ion:168 Resp: 51206

Ion Ratio Lower Upper

168 100

139 40.2 30.1 45.1

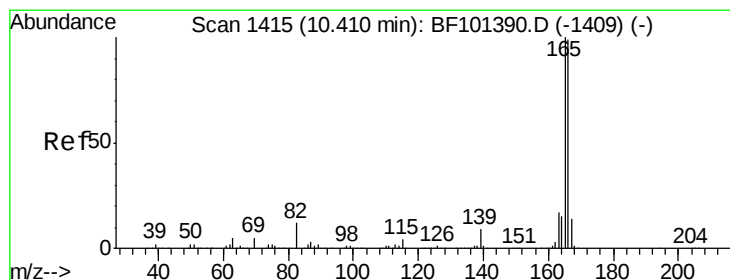
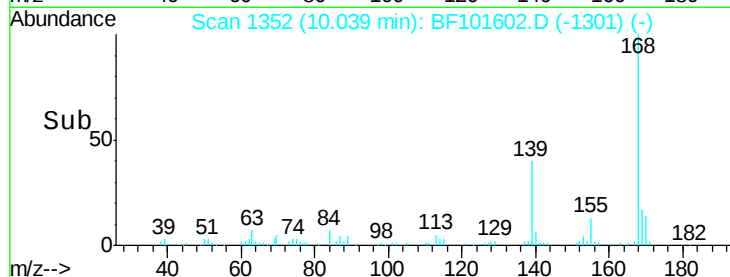
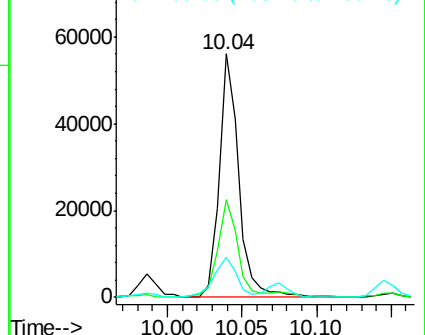
169 16.6 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#57

Fluorene

Concen: 3.778 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

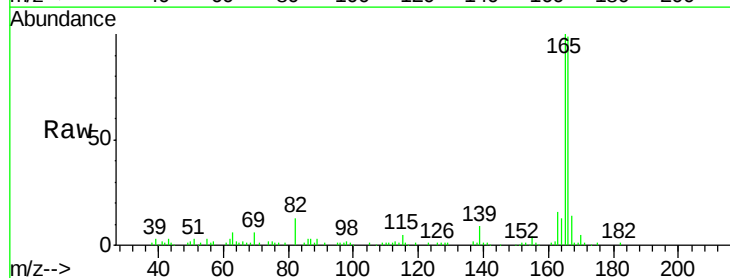
Tgt Ion:166 Resp: 64313

Ion Ratio Lower Upper

166 100

165 101.0 79.8 119.8

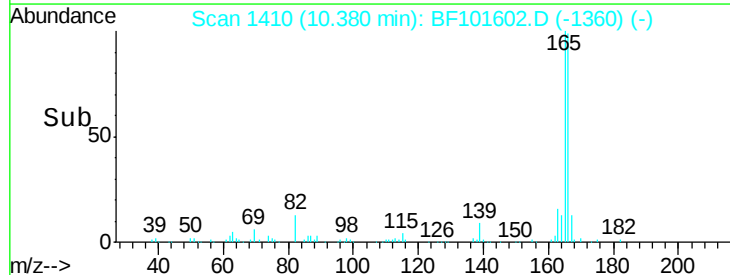
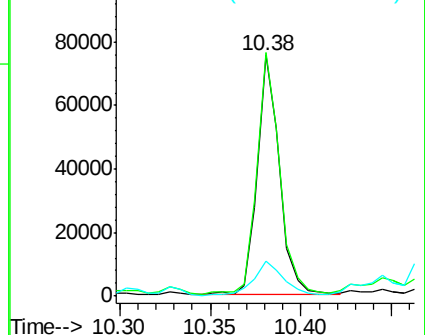
167 14.3 10.6 16.0

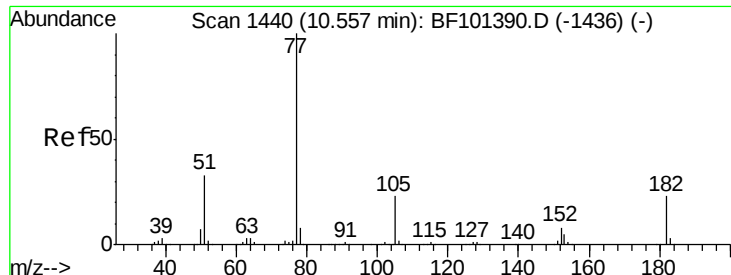


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#62

Azobenzene

Concen: 7.852 ng

RT: 10.55 min Scan# 1438

Delta R.T. 0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

Tgt Ion: 77 Resp: 159346

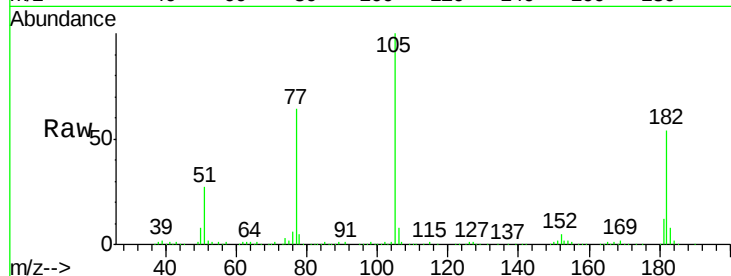
Ion Ratio Lower Upper

77 100

182 84.7 1.7 41.7#

105 155.8 3.0 43.0#

51 42.3 9.9 49.9

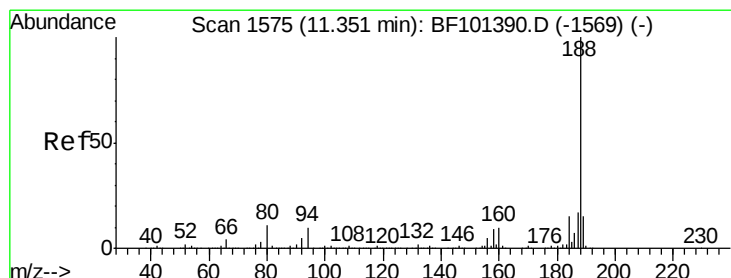
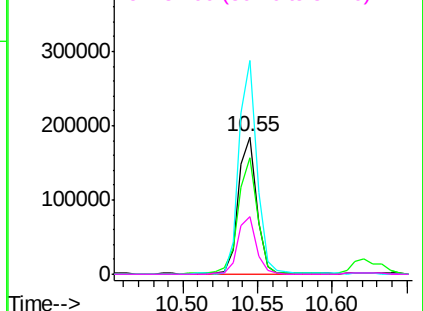
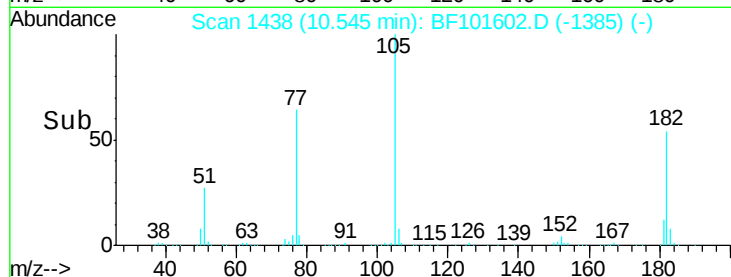


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

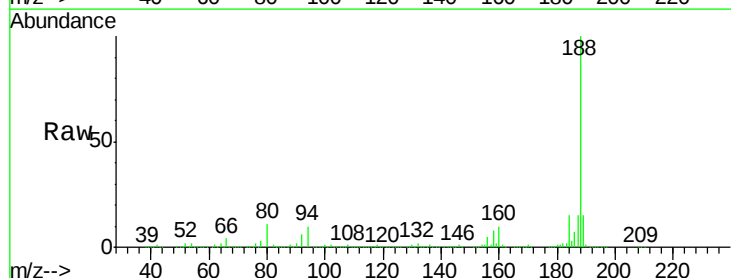
Tgt Ion: 188 Resp: 405825

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

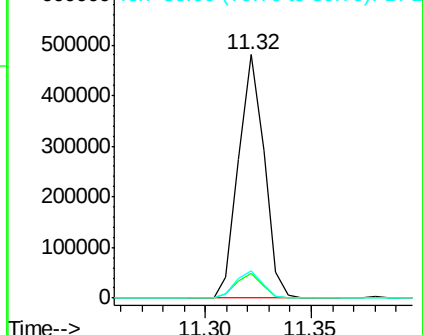
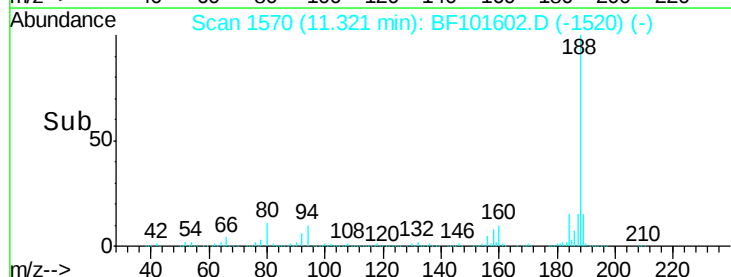
80 11.5 9.2 13.8

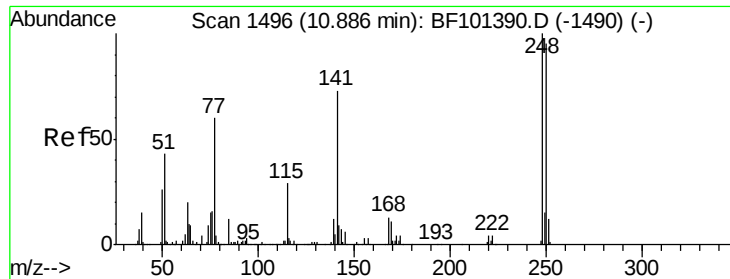


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

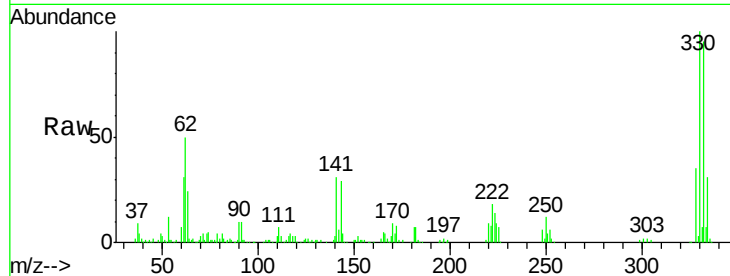




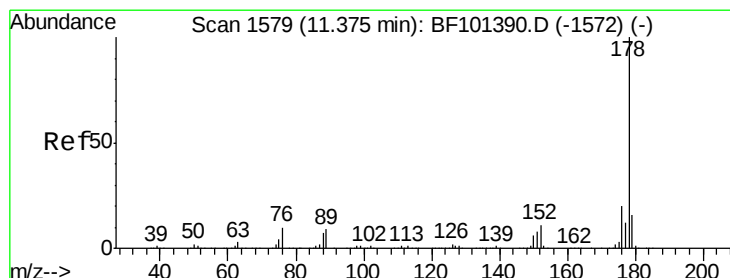
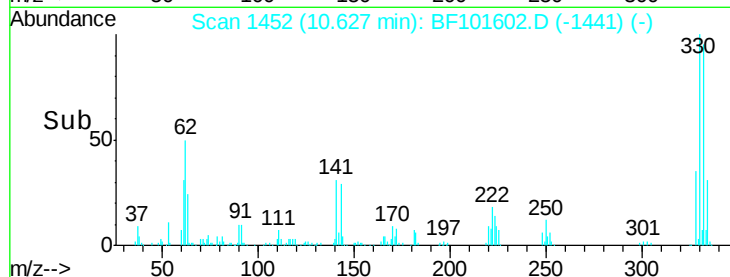
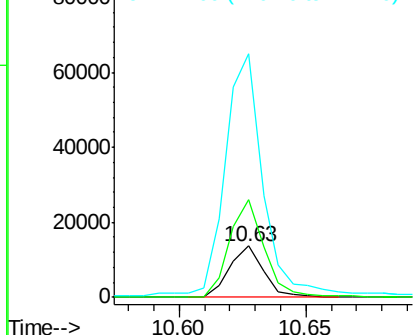
#66
 4-Bromophenyl-phenylether
 Concen: 2.774 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.24 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(0-5)

Tgt Ion:248 Resp: 12651
 Ion Ratio Lower Upper
 248 100
 250 191.1 76.9 115.3#
 141 474.6 74.4 111.6#

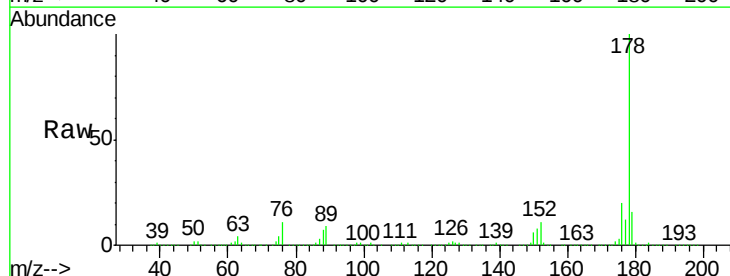


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

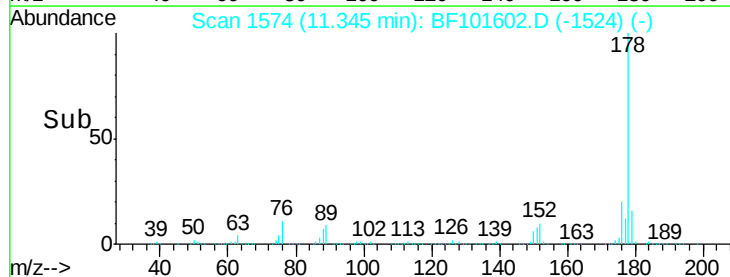
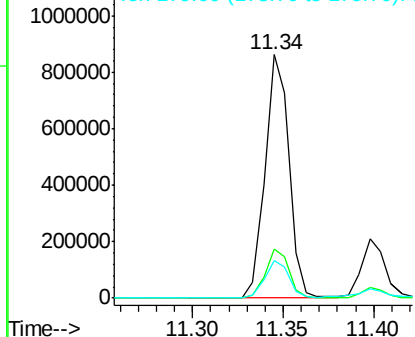


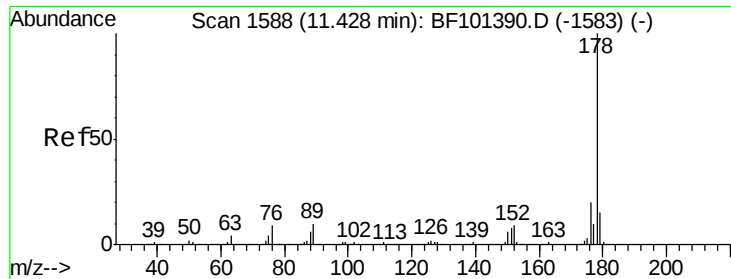
#70
 Phenanthrene
 Concen: 35.057 ng
 RT: 11.34 min Scan# 1574
 Delta R.T. -0.01 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Tgt Ion:178 Resp: 791180
 Ion Ratio Lower Upper
 178 100
 176 20.1 15.8 23.8
 179 15.6 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

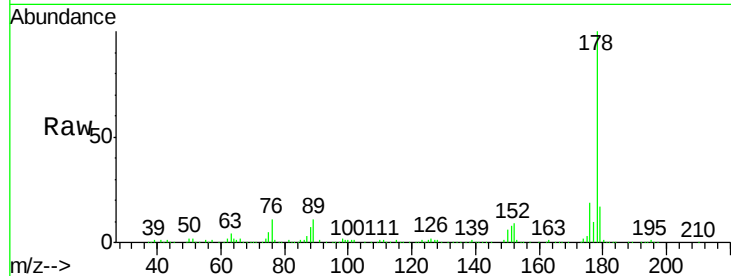




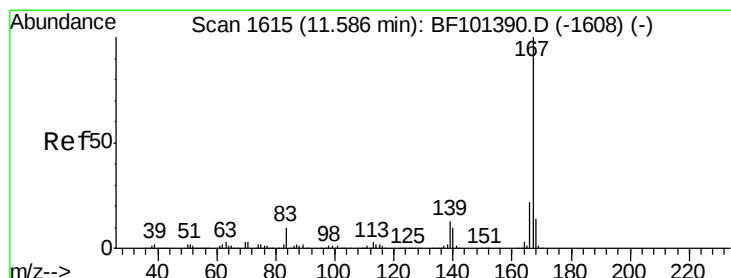
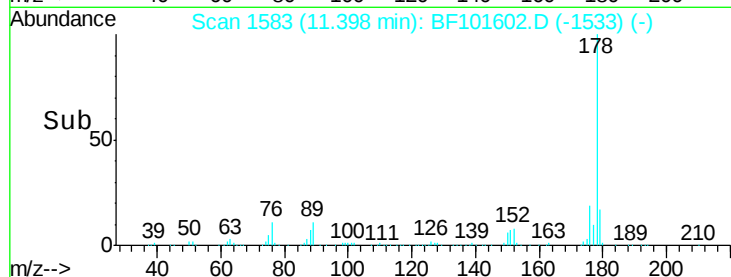
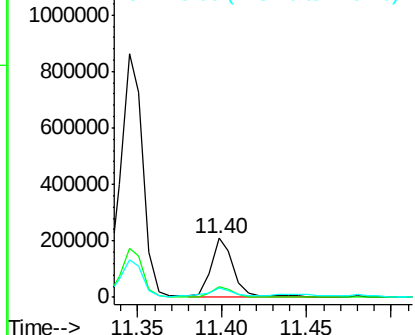
#71
 Anthracene
 Concen: 8.317 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.01 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(0-5)

Tgt Ion:178 Resp: 191724
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.4 23.2
 179 16.7 12.6 19.0

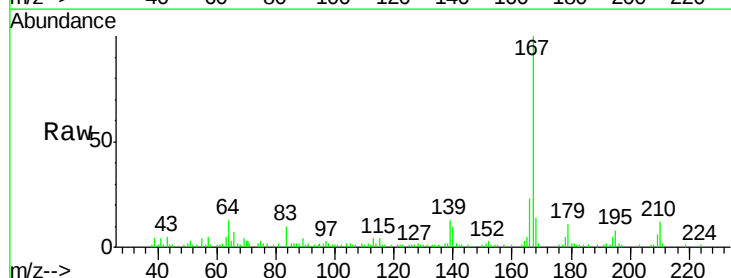


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

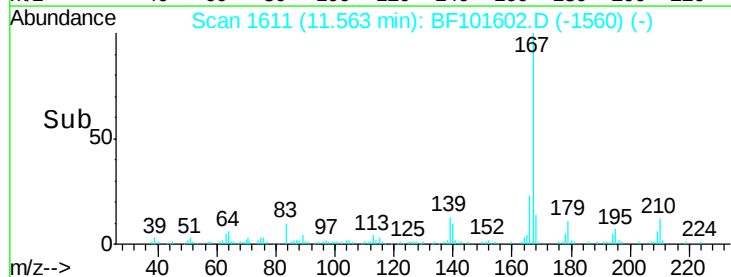
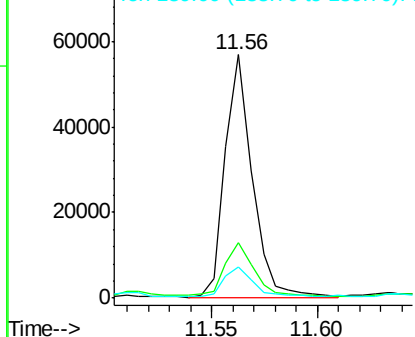


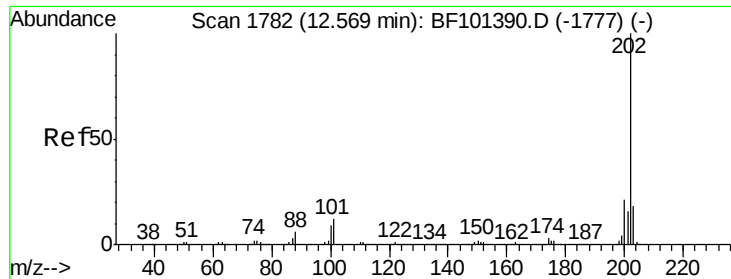
#72
 Carbazole
 Concen: 2.383 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Tgt Ion:167 Resp: 51431
 Ion Ratio Lower Upper
 167 100
 166 22.7 17.6 26.4
 139 13.0 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

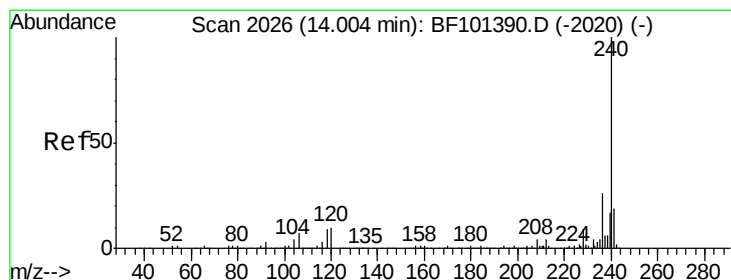
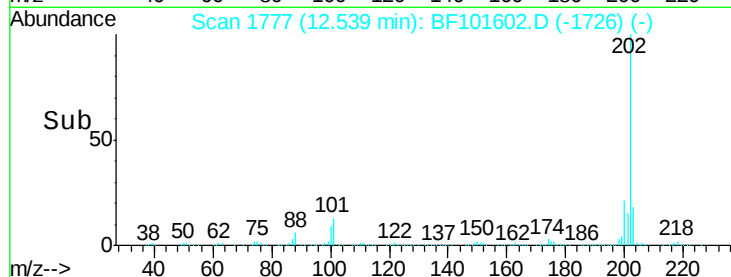
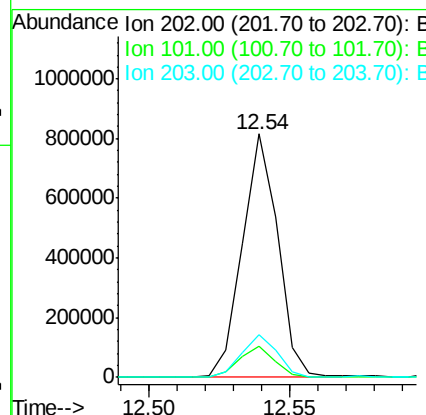
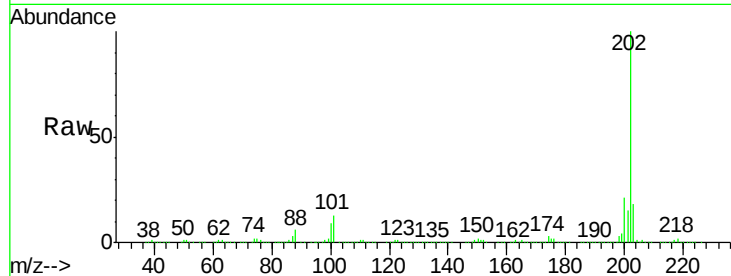




#74
Fluoranthene
Concen: 30.019 ng
RT: 12.54 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

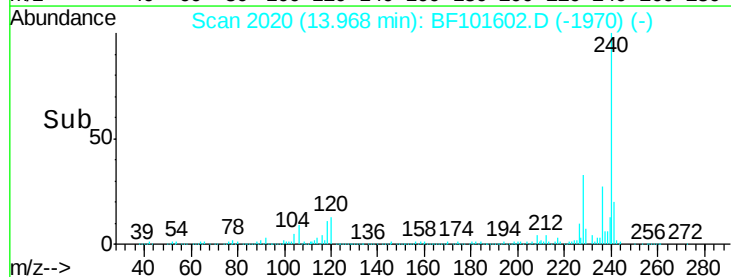
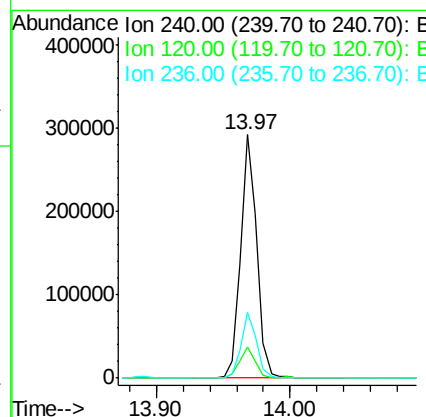
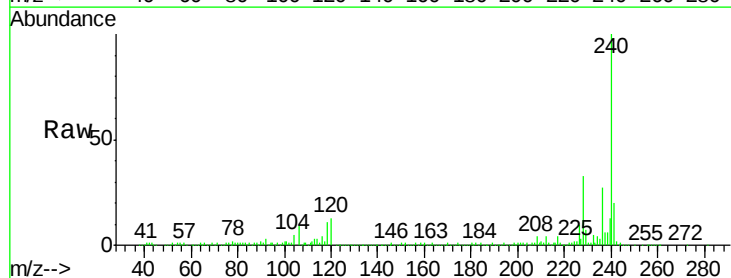
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(0-5)

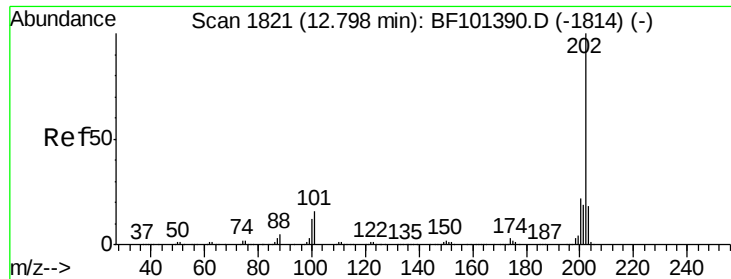
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	34.1
203	17.8	0.0	38.1



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.9	20.7	31.1

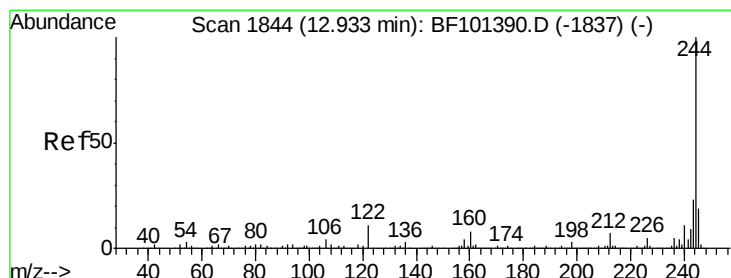
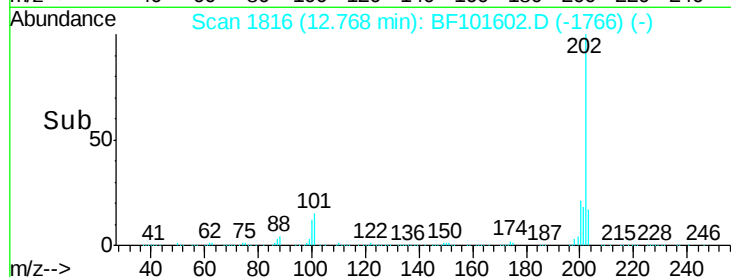
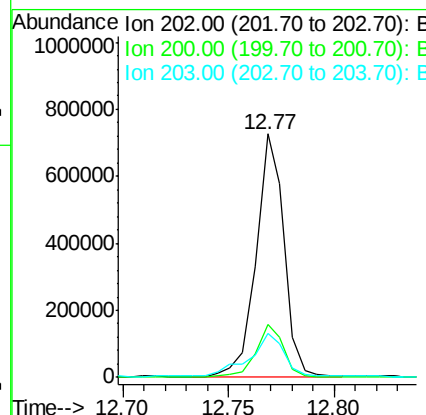
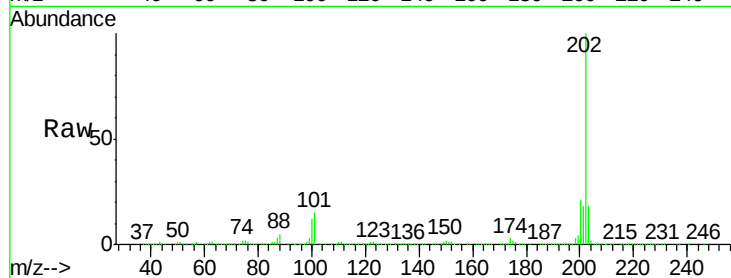




#77
 Pyrene
 Concen: 35.793 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.01 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

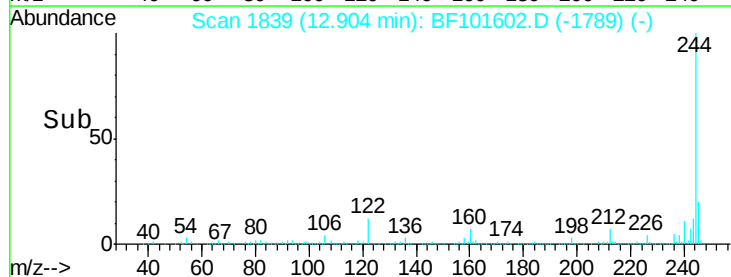
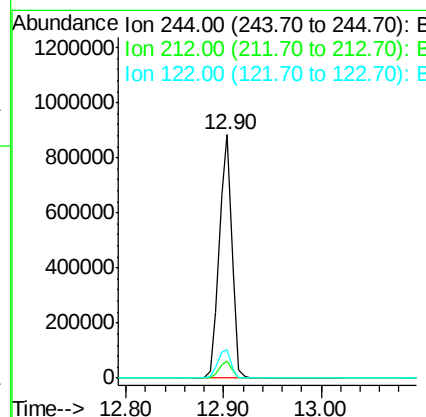
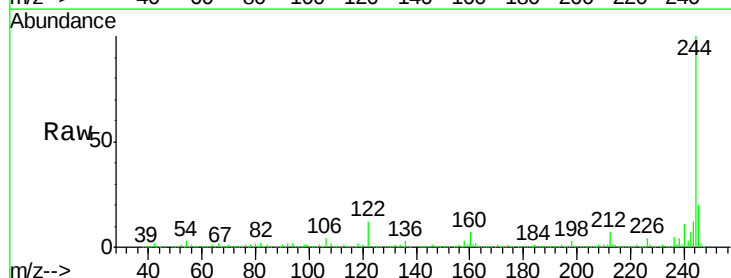
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(0-5)

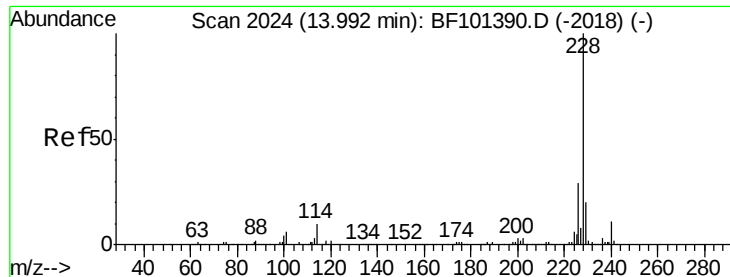
Tgt Ion: 202 Resp: 667404
 Ion Ratio Lower Upper
 202 100
 200 21.5 17.4 26.2
 203 18.1 14.3 21.5



#78
 Terphenyl-d14
 Concen: 76.693 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Tgt Ion: 244 Resp: 790400
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4





#80

Benzo(a)anthracene

Concen: 20.881 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

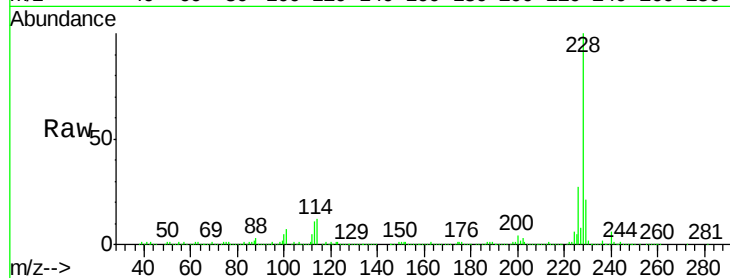
Tgt Ion:228 Resp: 342576

Ion Ratio Lower Upper

228 100

226 27.5 22.6 33.8

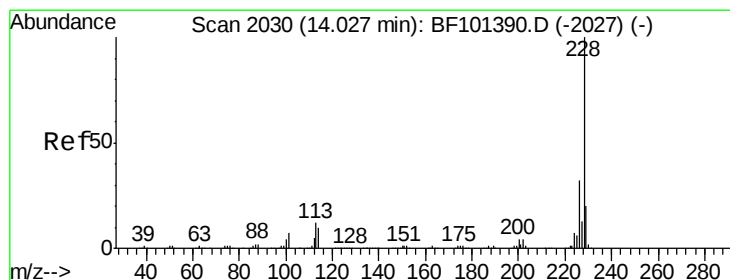
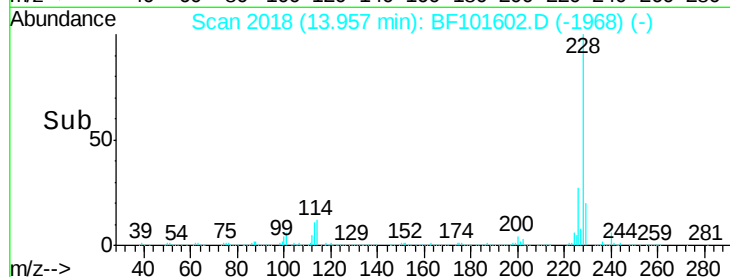
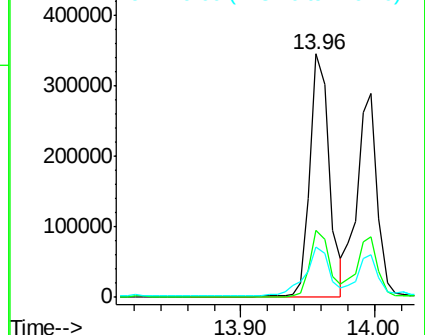
229 20.6 15.8 23.6



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



#82

Chrysene

Concen: 19.671 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

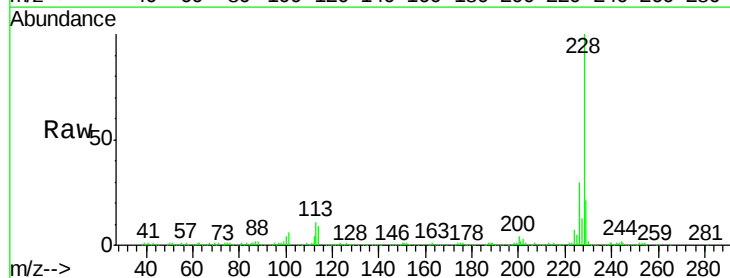
Tgt Ion:228 Resp: 304709

Ion Ratio Lower Upper

228 100

226 29.6 25.0 37.6

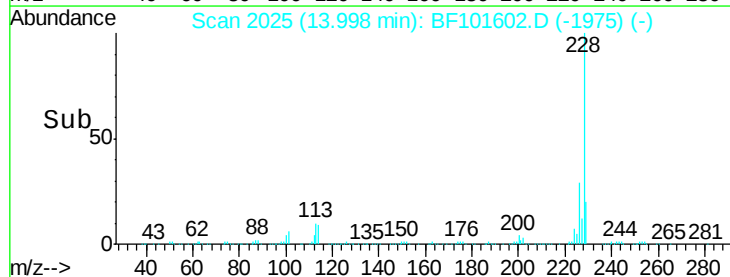
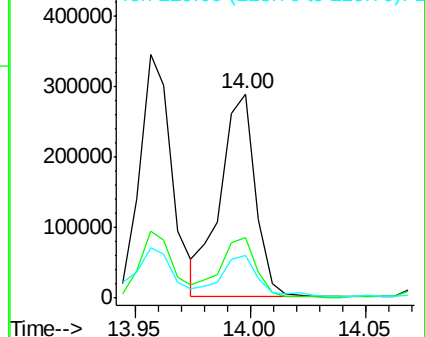
229 20.9 16.2 24.4

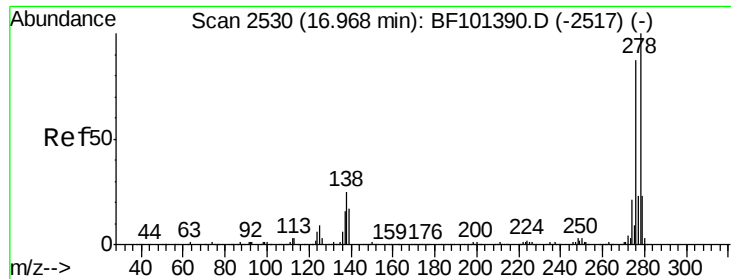


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

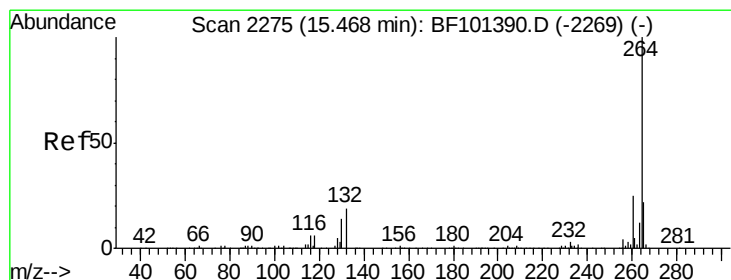
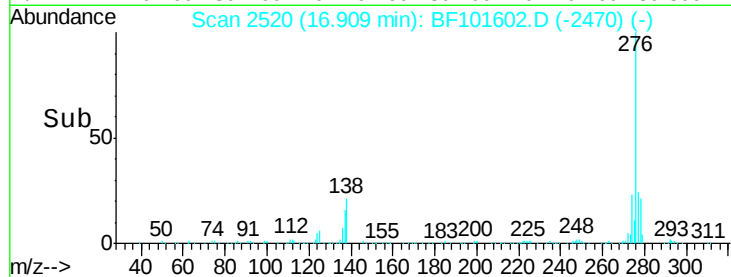
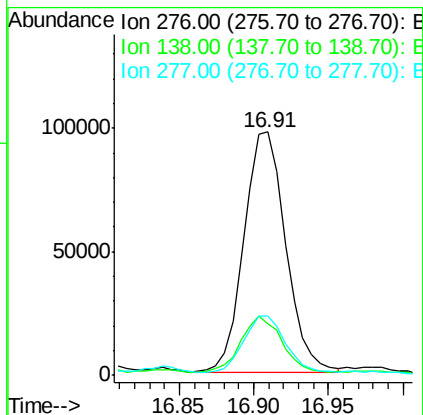
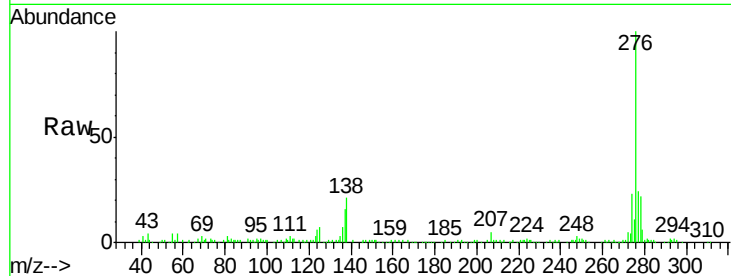




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.585 ng
 RT: 16.91 min Scan# 2520
 Delta R.T. -0.01 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

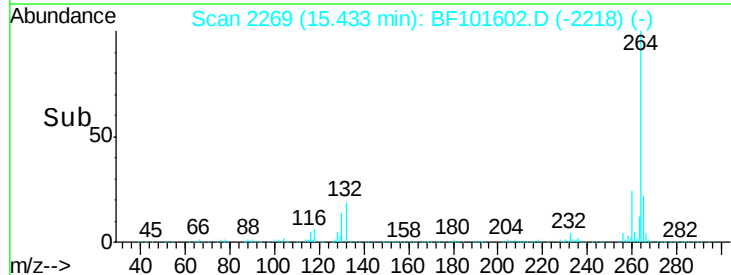
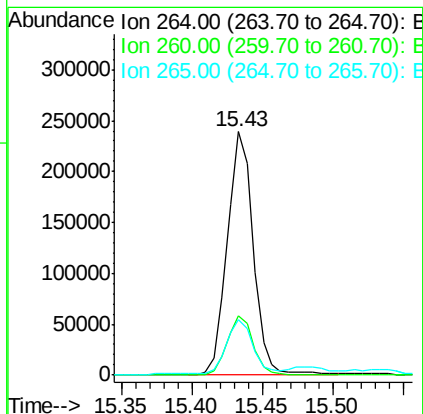
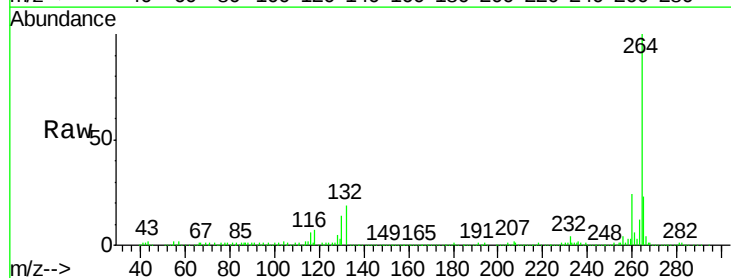
Instrument :
 BNA_F
 ClientSampleId :
 EPE-106-3DS(0-5)

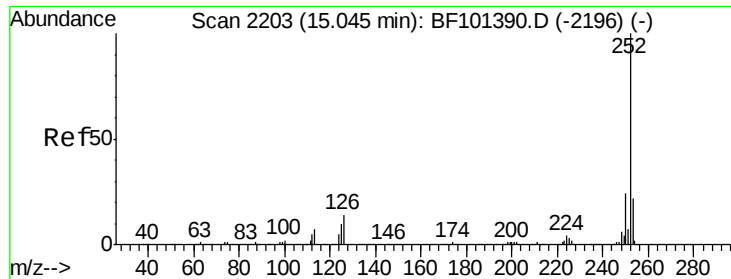
Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	23.5	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. -0.00 min
 Lab File: BF101602.D
 Acq: 21 Dec 2017 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.7	17.5	26.3

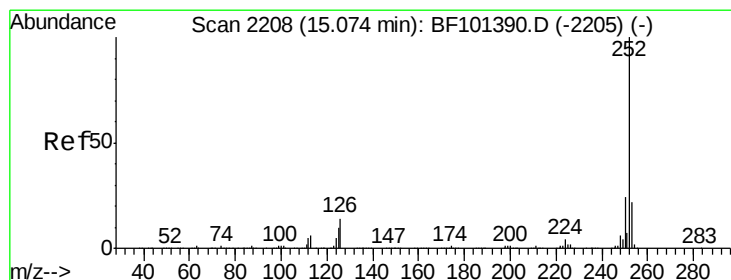
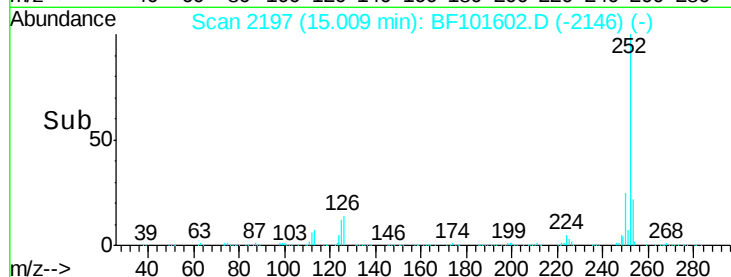
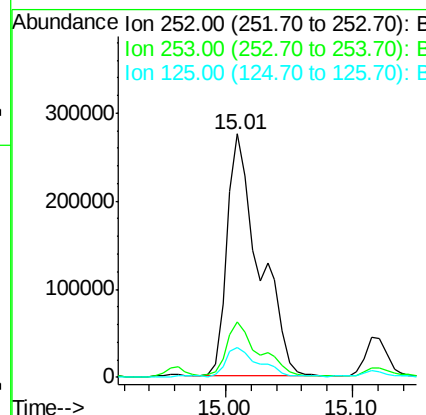
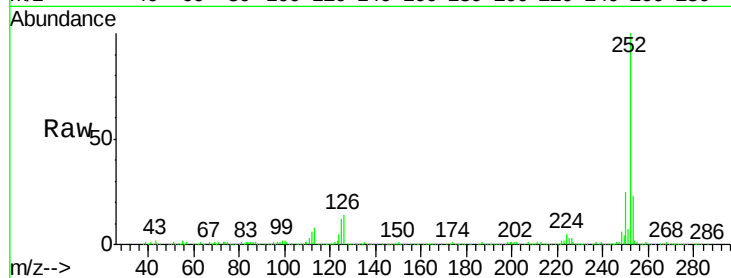




#87
Benzo(b)fluoranthene
Concen: 25.990 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

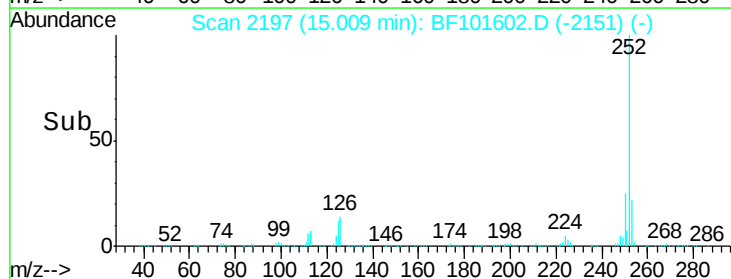
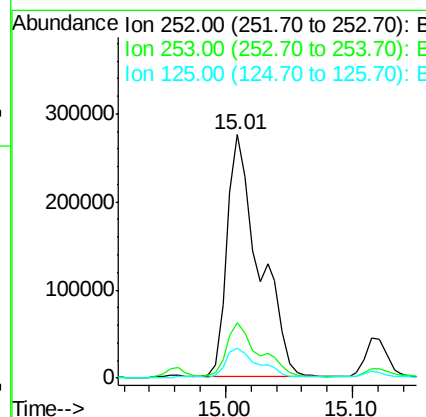
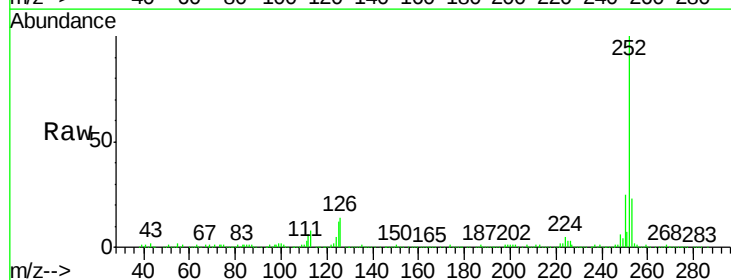
Instrument :
BNA_F
ClientSampleId :
EPE-106-3DS(0-5)

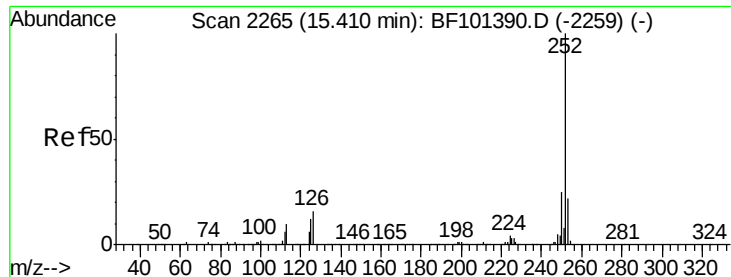
Tgt Ion:252 Resp: 486033
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 12.4 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 26.732 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.03 min
Lab File: BF101602.D
Acq: 21 Dec 2017 13:08

Tgt Ion:252 Resp: 486033
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 16.432 ng

RT: 15.37 min Scan# 2259

Delta R.T. -0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

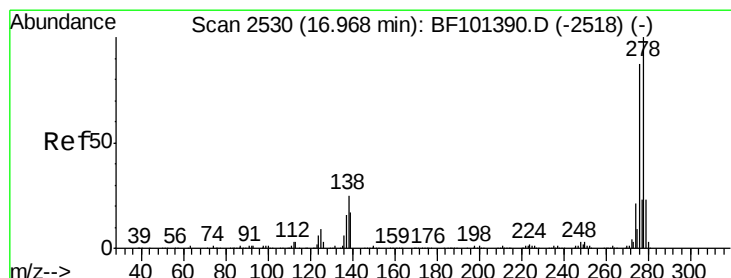
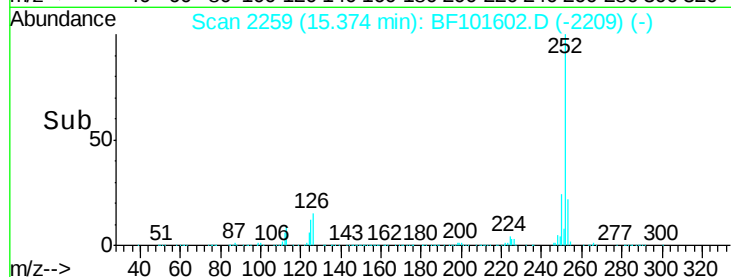
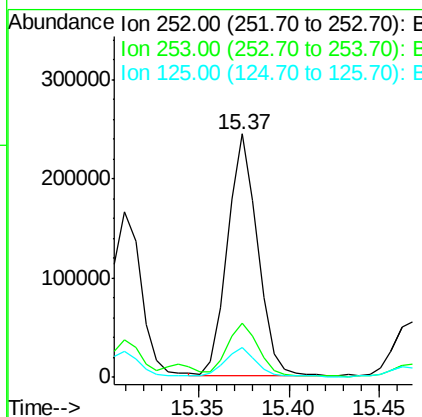
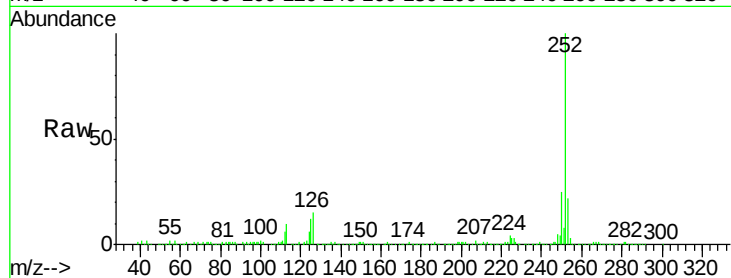
Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

Tgt Ion:	252	Resp:	283277
Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.4	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 2.904 ng

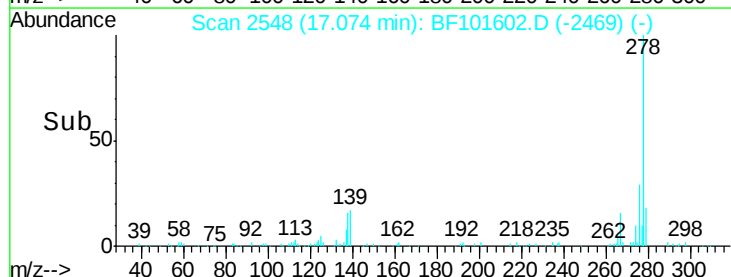
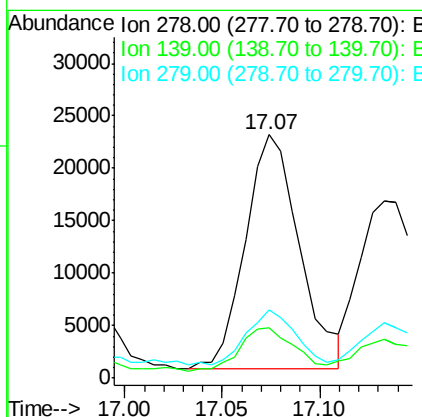
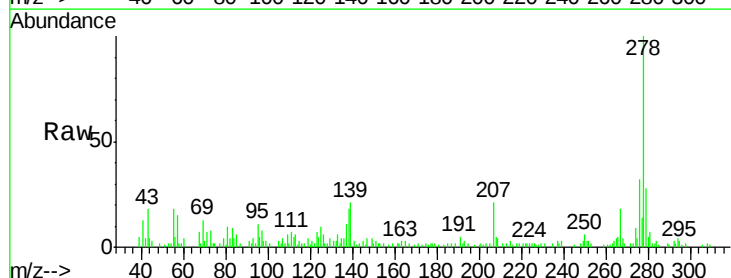
RT: 17.07 min Scan# 2548

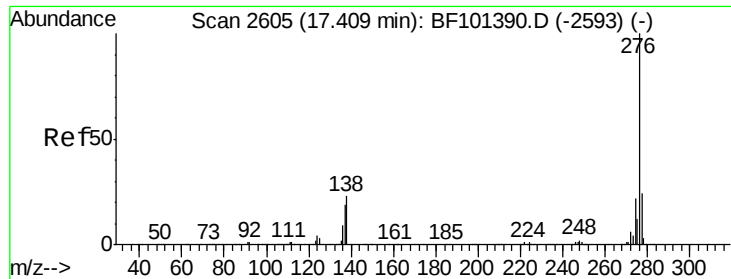
Delta R.T. 0.16 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Tgt Ion:	278	Resp:	42987
Ion	Ratio	Lower	Upper
278	100		
139	20.8	15.9	23.9
279	28.3	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 12.895 ng

RT: 17.36 min Scan# 2596

Delta R.T. 0.01 min

Lab File: BF101602.D

Acq: 21 Dec 2017 13:08

Instrument :

BNA_F

ClientSampleId :

EPE-106-3DS(0-5)

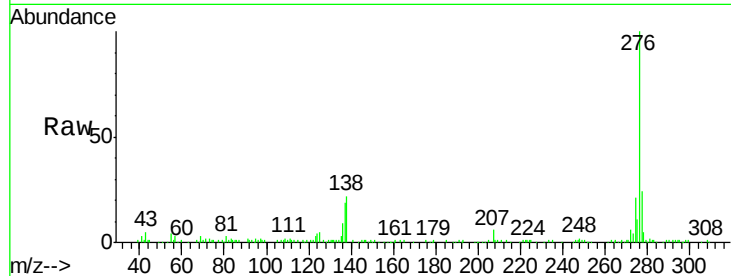
Tgt Ion:276 Resp: 189001

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 22.1 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

