

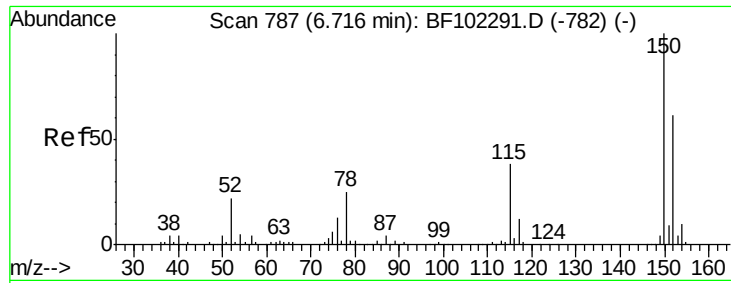
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012518\
 Data File : BF102419.D
 Acq On : 25 Jan 2018 12:04
 Operator : SJ/JU
 Sample : J1256-07 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

Quant Time: Jan 25 13:54:36 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 13:44:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	115105	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	418895	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	151656	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	232953	20.00	ng	0.00
75) Chrysene-d12	13.90	240	126880	20.00	ng	0.02
86) Perylene-d12	15.38	264	136112	20.00	ng	0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	381192	50.21	ng	0.00
7) Phenol-d6	6.35	99	436591	47.70	ng	-0.02
23) Nitrobenzene-d5	7.27	82	244179	33.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	61892	41.19	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	401125	38.89	ng	-0.01
78) Terphenyl-d14	12.83	244	252235	44.82	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.36	94	26496	2.652	ng	83
31) Naphthalene	8.02	128	233494	11.164	ng	99
33) 4-Chloroaniline	8.02	127	30609	3.480	ng	# 33
37) 2-Methylnaphthalene	8.71	142	84241	6.048	ng	94
49) Dimethylphthalate	9.47	163	74047	5.907	ng	99
51) Acenaphthene	9.78	154	159194	16.599	ng	98
53) 2,4-Dinitrophenol	10.04	184	624	4.186	ng	# 32
54) Dibenzofuran	9.95	168	135886	10.469	ng	99
57) Fluorene	10.30	166	187229	18.204	ng	99
70) Phenanthrene	11.27	178	1277344	94.098	ng	99
71) Anthracene	11.32	178	400488	28.905	ng	99
72) Carbazole	11.47	167	201330	14.894	ng	98
74) Fluoranthene	12.47	202	1283271	92.703	ng	97
77) Pyrene	12.70	202	1125669	114.748	ng	99
80) Benzo(a)anthracene	13.90	228	463764	59.369	ng	97
82) Chrysene	13.93	228	381740	48.123	ng	97
83) Bis(2-ethylhexyl)phthalate	13.88	149	29812	4.544	ng	# 84
85) Indeno(1,2,3-cd)pyrene	16.80	276	266061	40.612	ng	96
87) Benzo(b)fluoranthene	14.96	252	620795	70.368	ng	# 72
88) Benzo(k)fluoranthene	14.96	252	620795	74.481	ng	# 75
89) Benzo(a)pyrene	15.32	252	331599	41.676	ng	# 74
90) Dibenzo(a,h)anthracene	16.80	278	67915	10.537	ng	# 62
91) Benzo(g,h,i)perylene	17.23	276	265964	41.792	ng	93

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

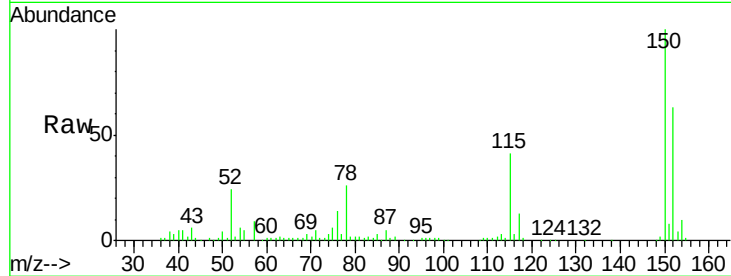


#1

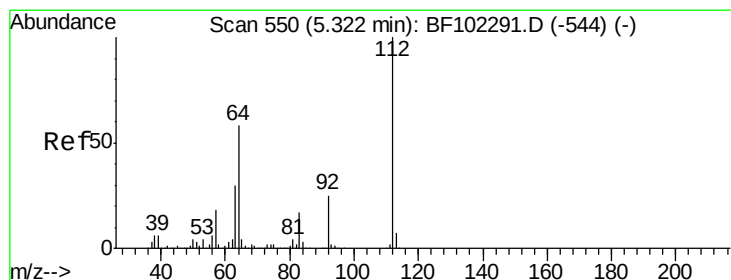
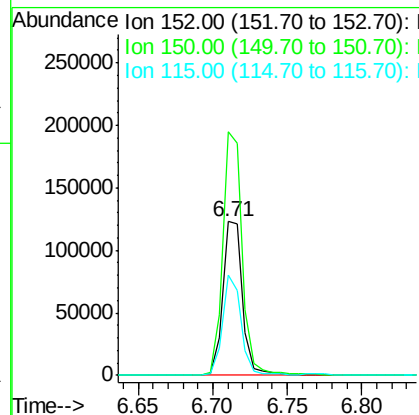
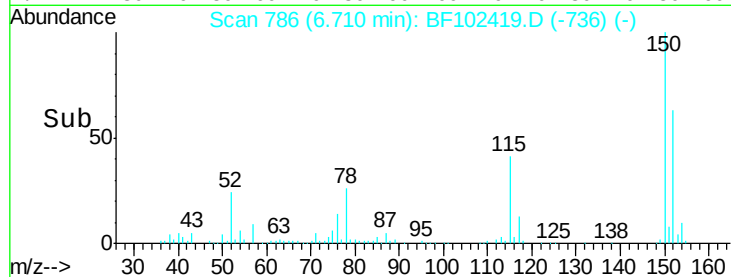
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

Tgt Ion:152 Resp: 115105
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.6 186.8
 115 65.1 50.1 75.1



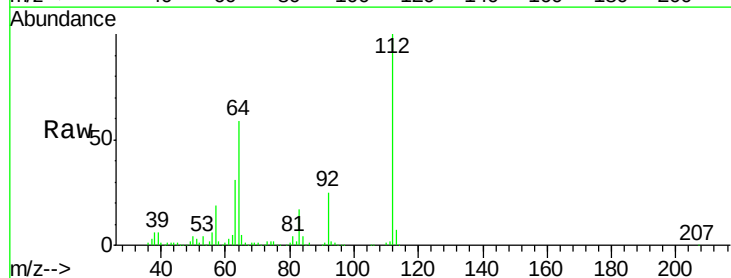
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



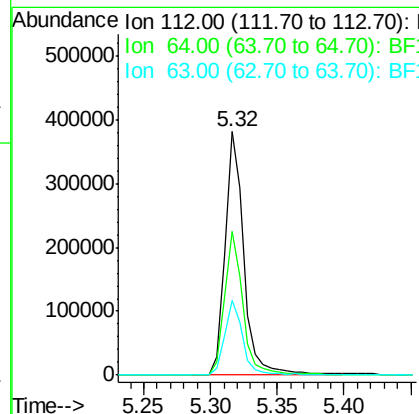
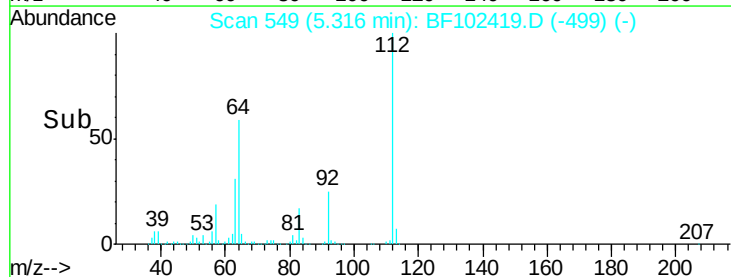
#5

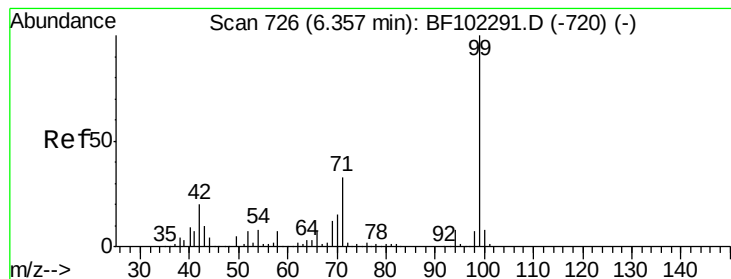
2-Fluorophenol
 Concen: 50.214 ng
 RT: 5.32 min Scan# 549
 Delta R.T. -0.01 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

Tgt Ion:112 Resp: 381192
 Ion Ratio Lower Upper
 112 100
 64 58.9 47.9 71.9
 63 30.8 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: 47.704 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

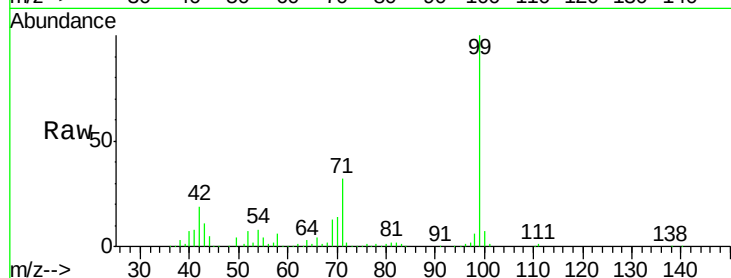
Tgt Ion: 99 Resp: 436591

Ion Ratio Lower Upper

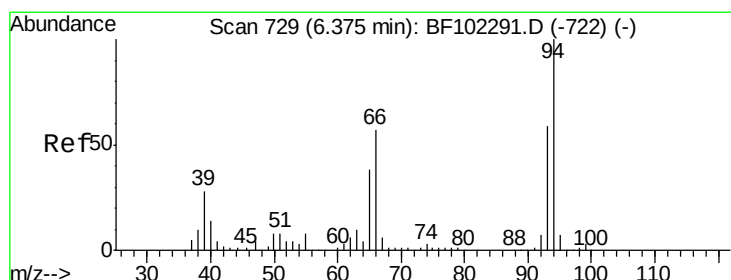
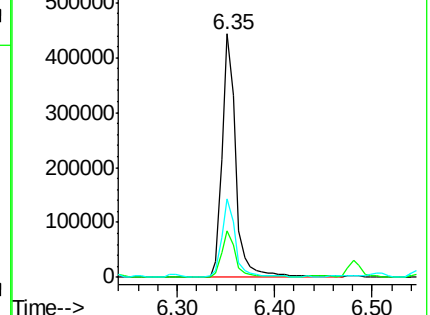
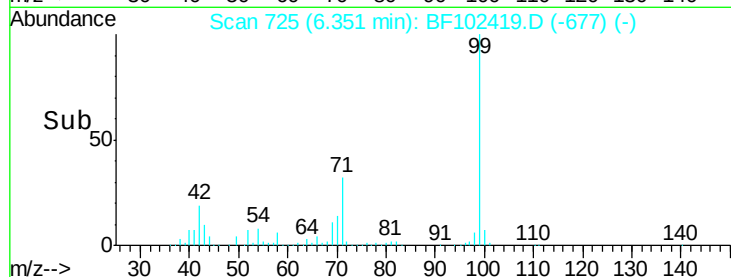
99 100

42 19.2 14.5 21.7

71 32.2 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: 2.652 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

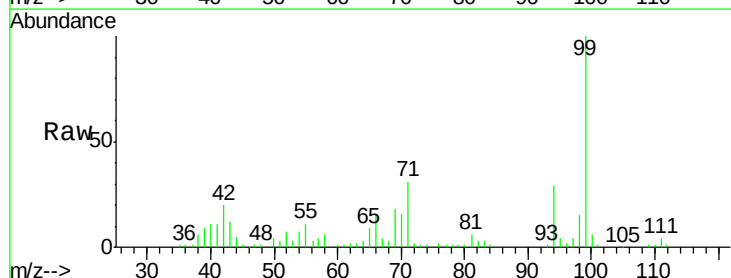
Tgt Ion: 94 Resp: 26496

Ion Ratio Lower Upper

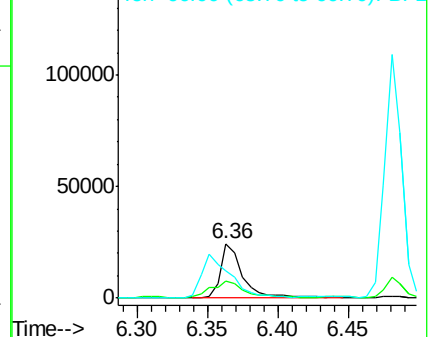
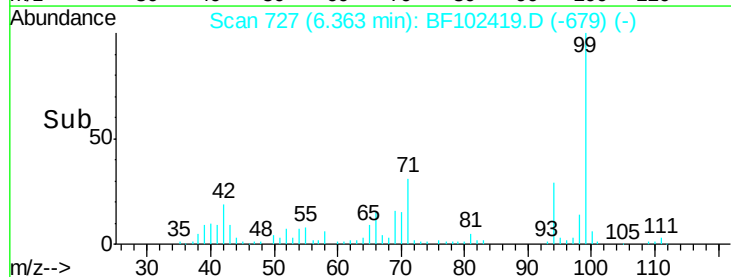
94 100

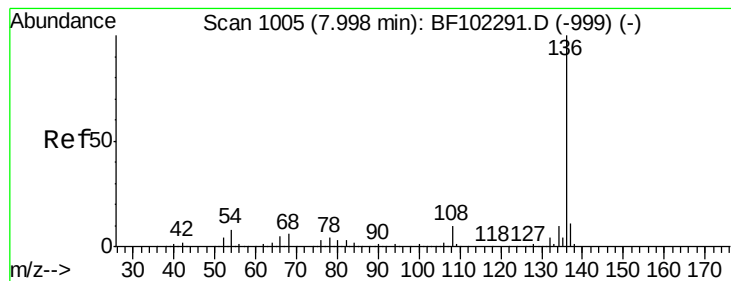
65 31.3 7.9 47.9

66 50.8 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.00 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

Tgt Ion: 136 Resp: 418895

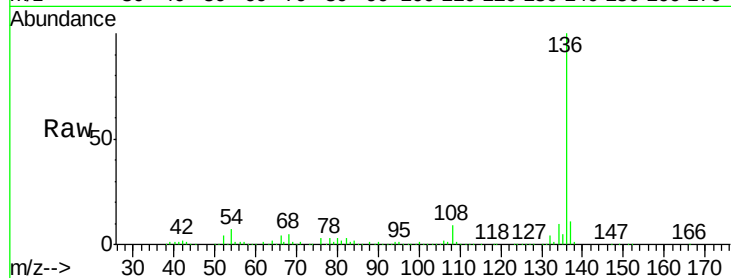
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.6 9.8

68 5.2 5.0 7.4

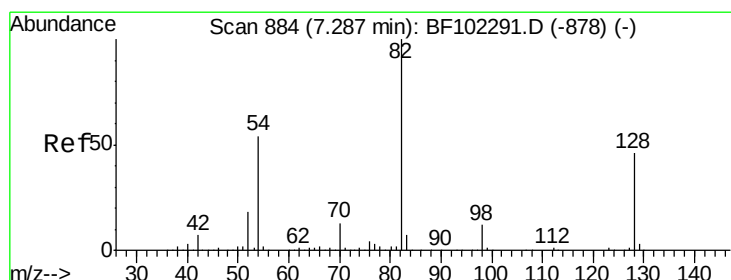
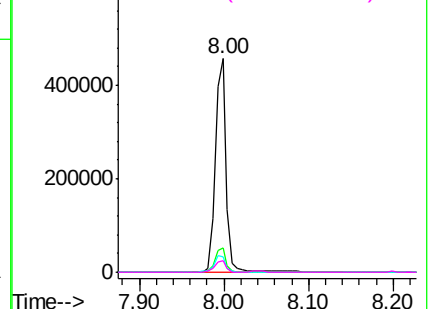
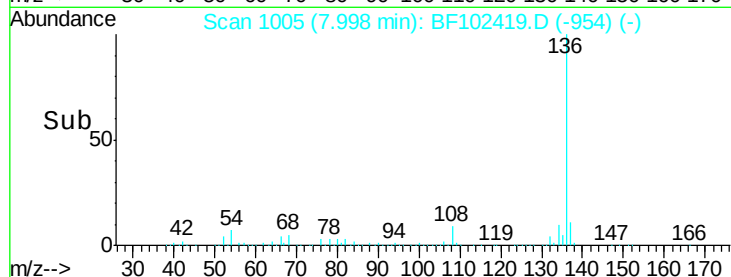


Abundance Ion 136.00 (135.70 to 136.70): E

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: 33.498 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

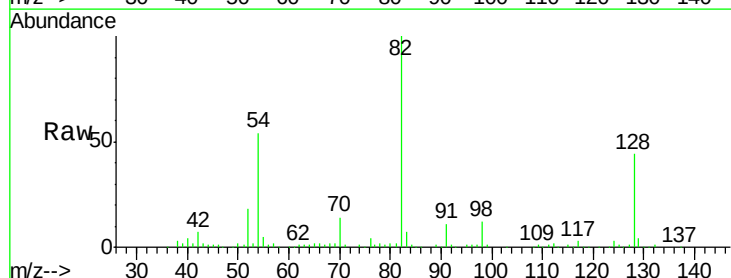
Tgt Ion: 82 Resp: 244179

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

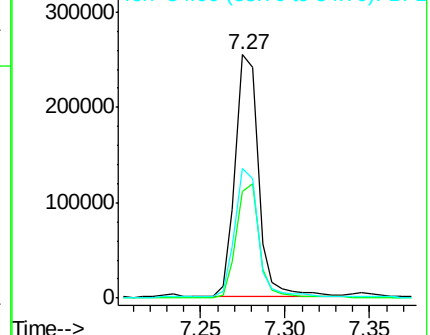
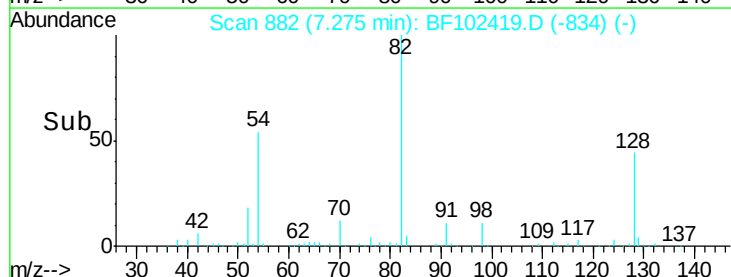
54 53.5 41.4 62.2

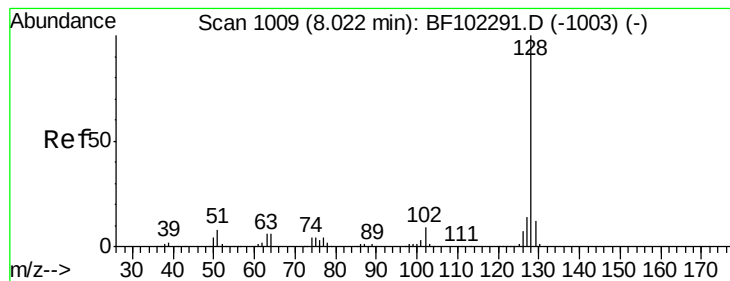


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 11.164 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

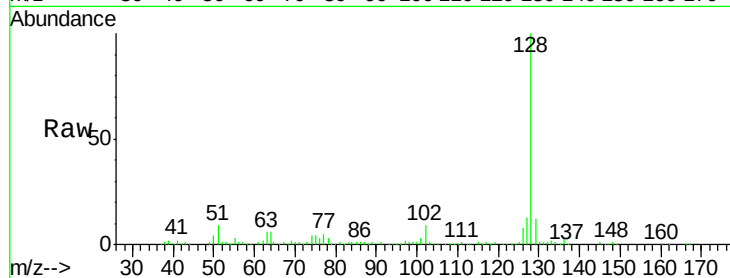
Tgt Ion:128 Resp: 233494

Ion Ratio Lower Upper

128 100

129 11.8 8.8 13.2

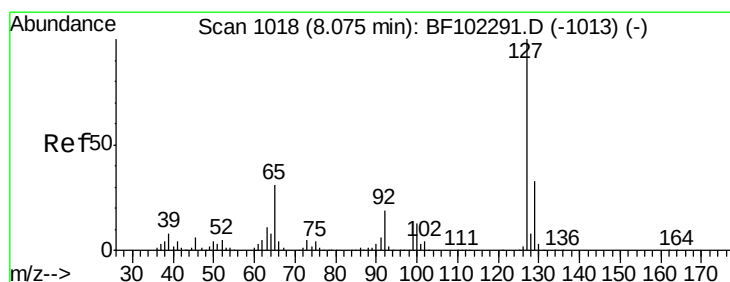
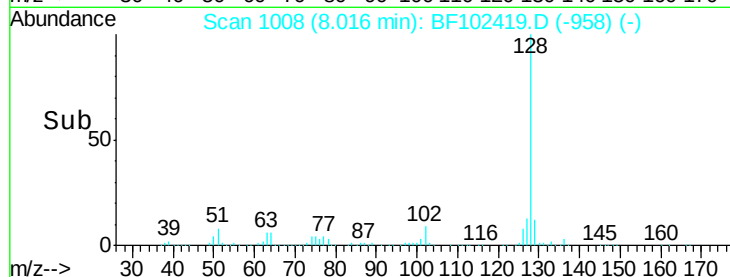
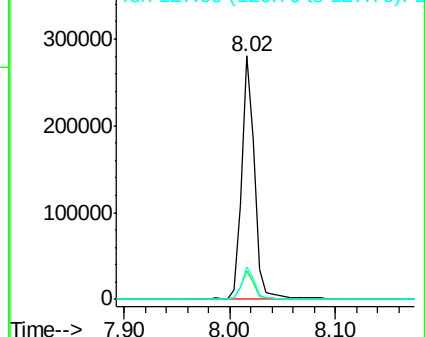
127 13.3 10.9 16.3



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



#33

4-Chloroaniline

Concen: 3.480 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.06 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Tgt Ion:127 Resp: 30609

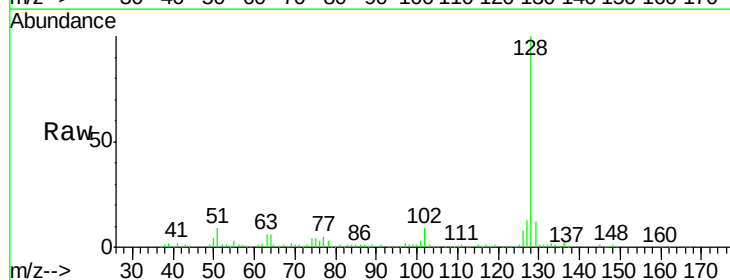
Ion Ratio Lower Upper

127 100

129 88.2 25.9 38.9#

65 4.6 25.0 37.4#

92 0.0 15.2 22.8#

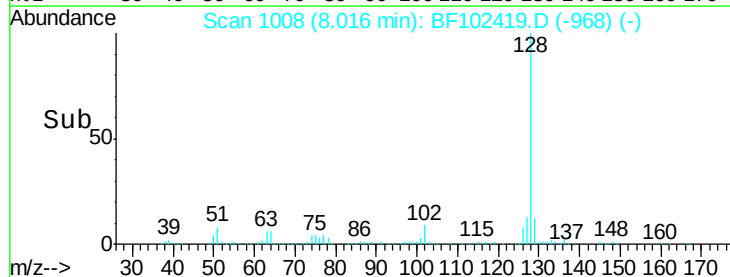
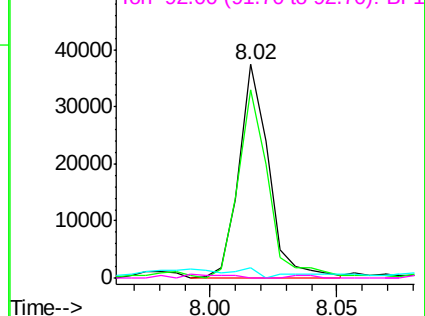


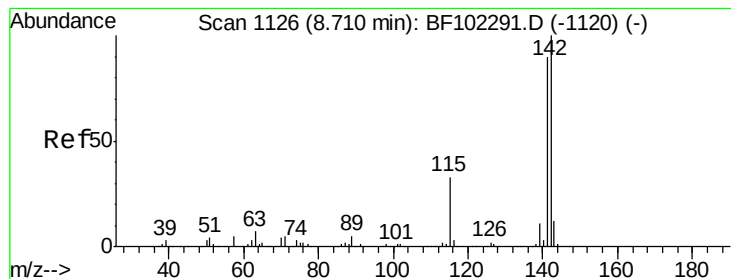
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#37

2-Methylnaphthalene

Concen: 6.048 ng

RT: 8.71 min Scan# 1126

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

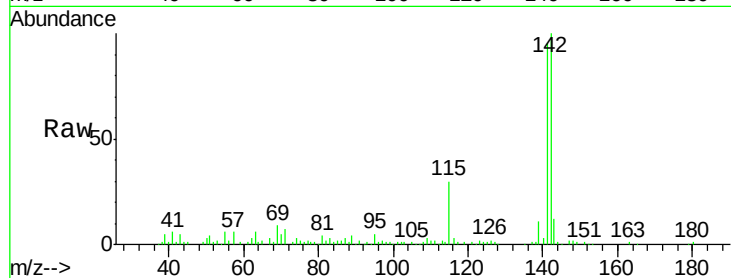
Tgt Ion:142 Resp: 84241

Ion Ratio Lower Upper

142 100

141 94.9 70.8 106.2

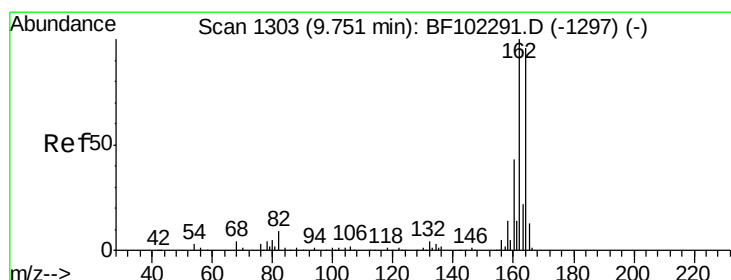
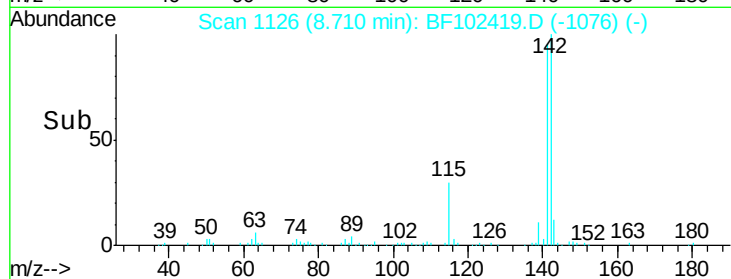
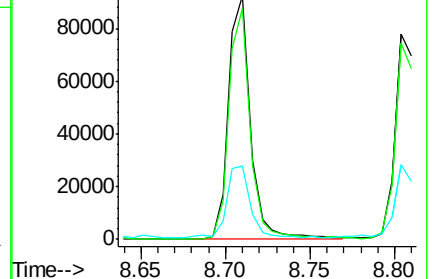
115 30.4 26.1 39.1



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: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

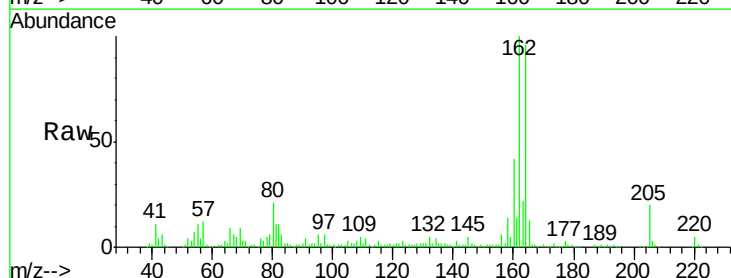
Tgt Ion:164 Resp: 151656

Ion Ratio Lower Upper

164 100

162 104.0 86.1 129.1

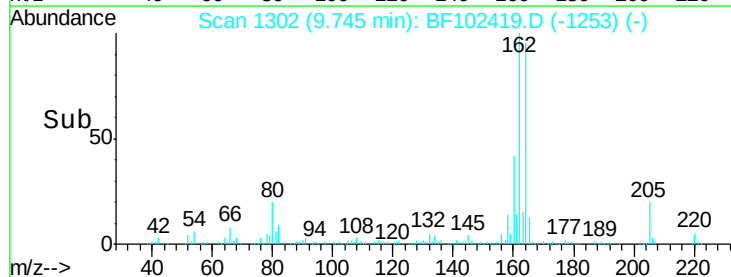
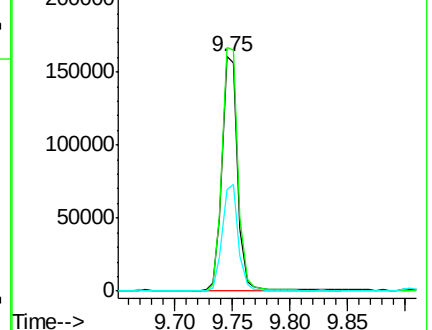
160 43.4 38.3 57.5

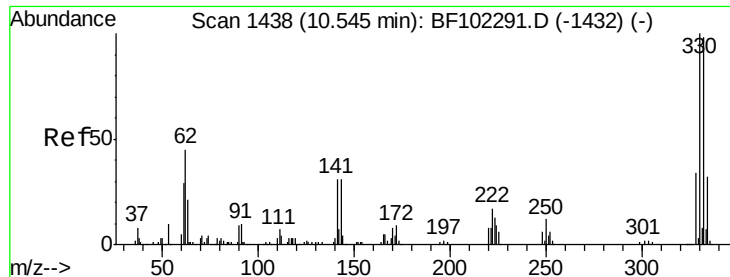


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

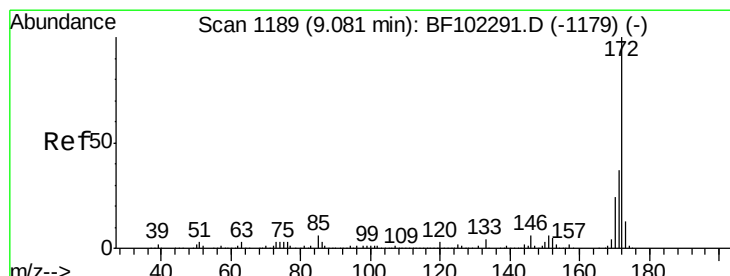
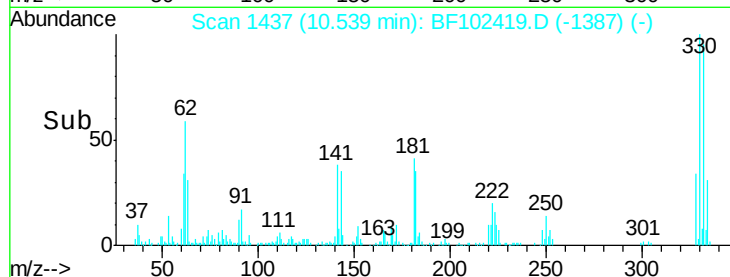
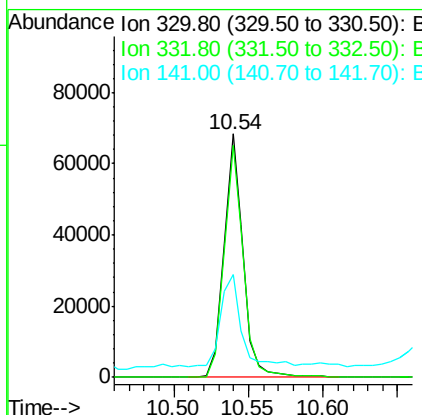
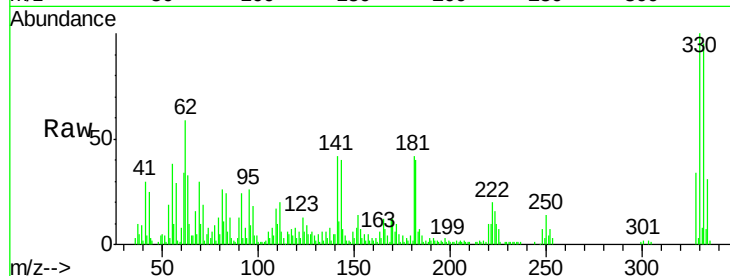




#41
 2,4,6-Tribromophenol
 Concen: 41.187 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

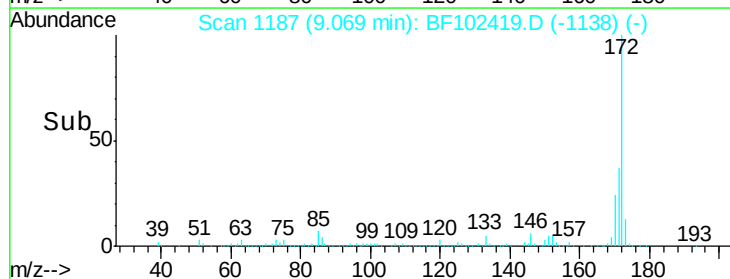
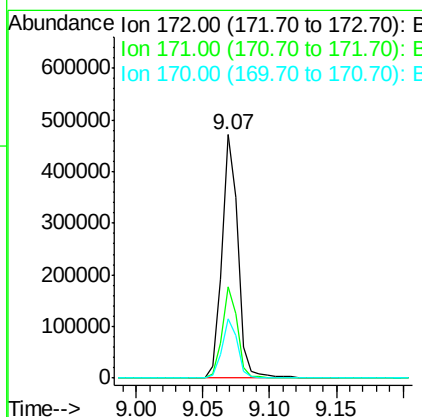
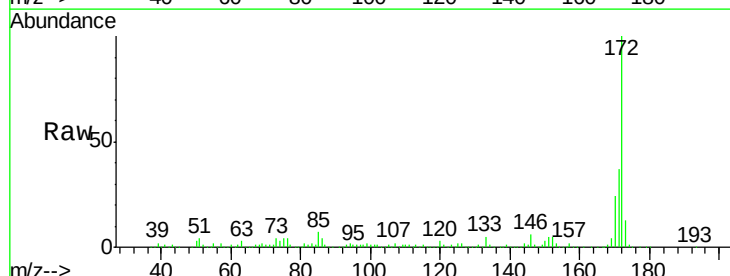
Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

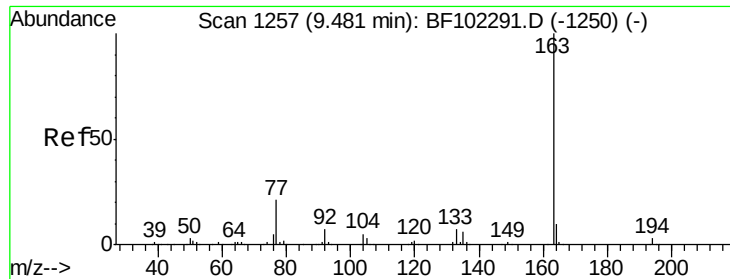
Tgt Ion: 330 Resp: 61892
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.0 115.6
 141 40.4 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 38.890 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

Tgt Ion: 172 Resp: 401125
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.4 19.6 29.4





#49

Dimethylphthalate

Concen: 5.907 ng

RT: 9.47 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

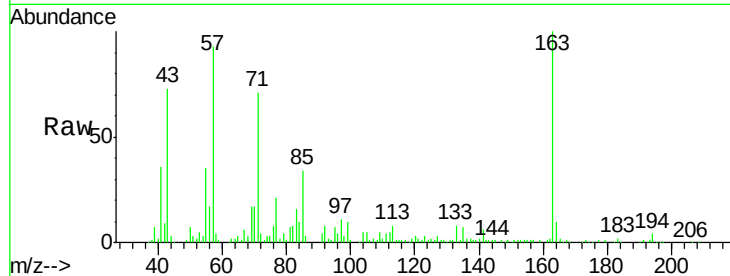
Tgt Ion:163 Resp: 74047

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

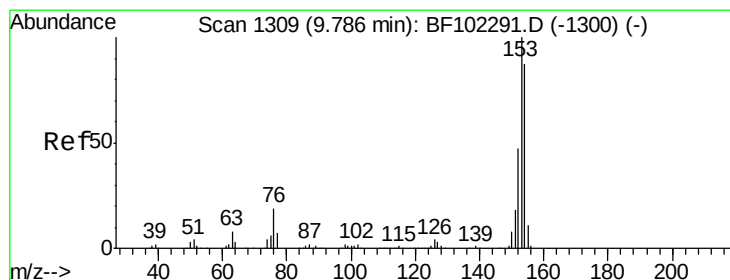
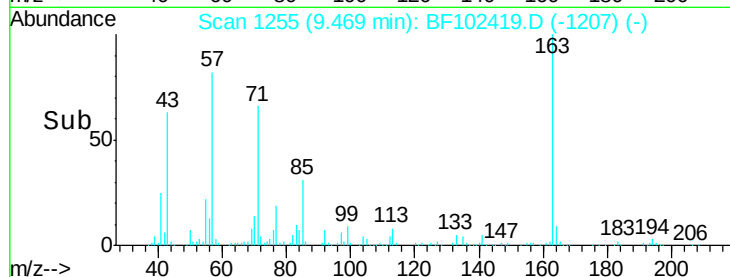
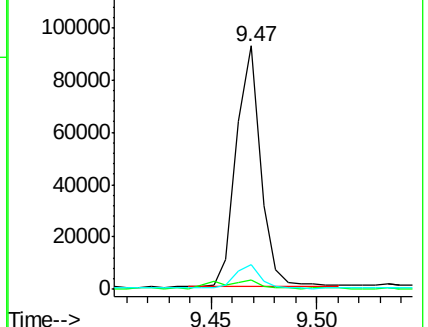
164 9.9 8.2 12.2



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: 16.599 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

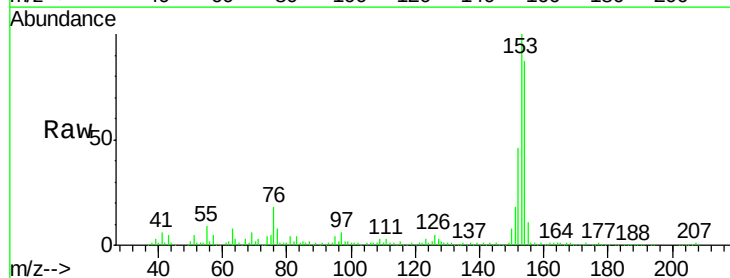
Tgt Ion:154 Resp: 159194

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

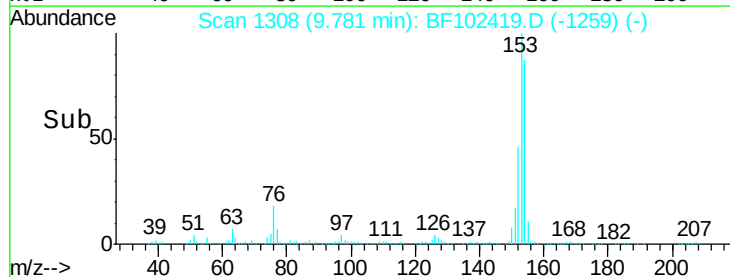
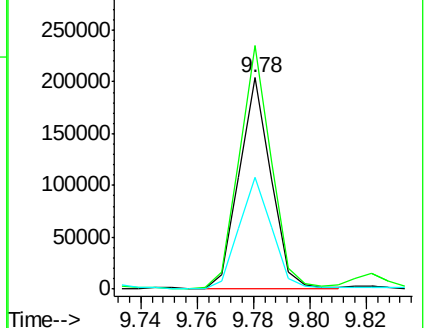
152 52.9 43.8 65.8

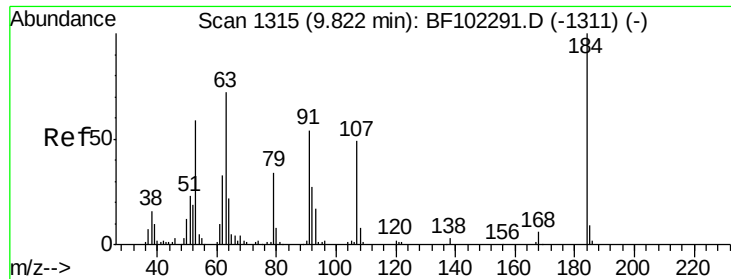


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 4.186 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.21 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

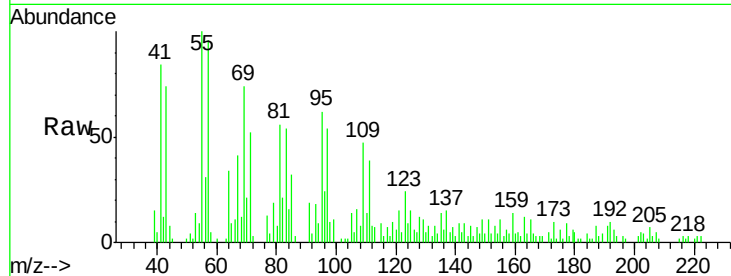
Tgt Ion:184 Resp: 624

Ion Ratio Lower Upper

184 100

63 52.2 54.2 81.2#

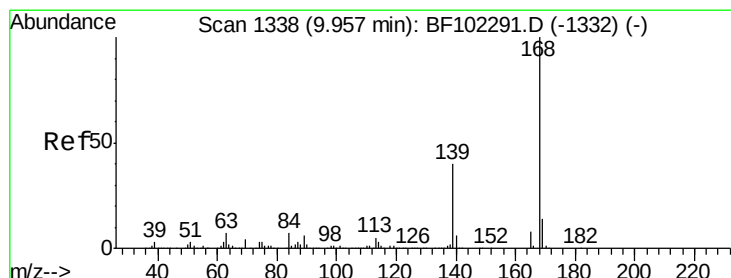
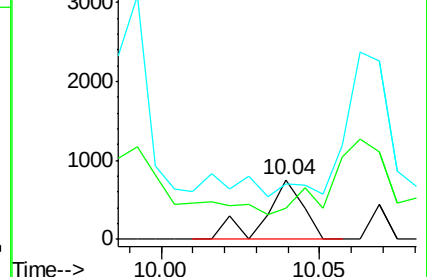
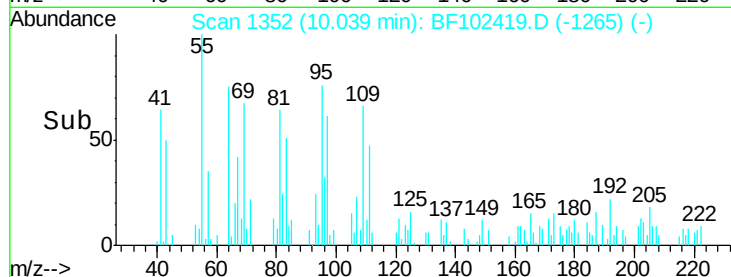
154 94.0 184.0 276.0#



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

Dibenzofuran

Concen: 10.469 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

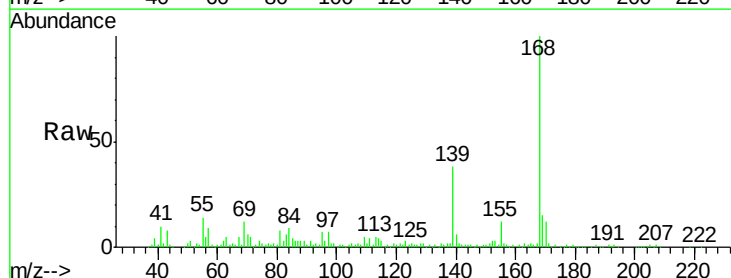
Tgt Ion:168 Resp: 135886

Ion Ratio Lower Upper

168 100

139 38.1 30.1 45.1

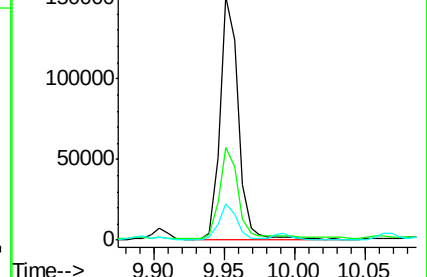
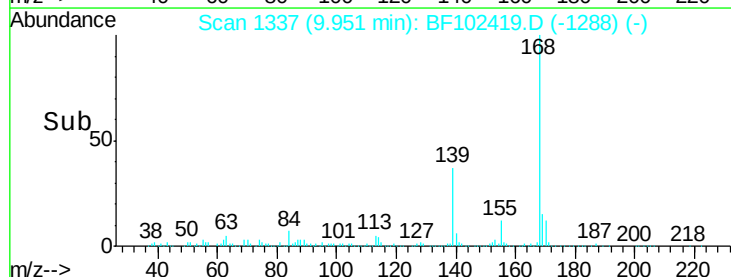
169 14.9 10.9 16.3

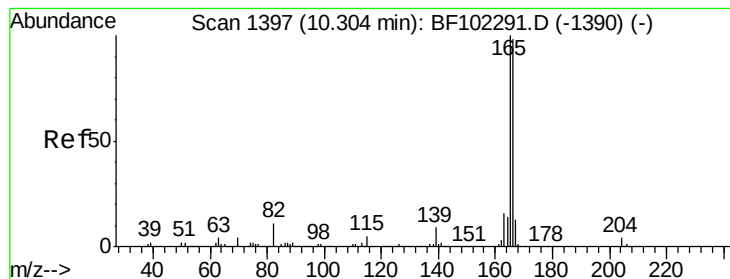


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 18.204 ng

RT: 10.30 min Scan# 1396

Delta R.T. -0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

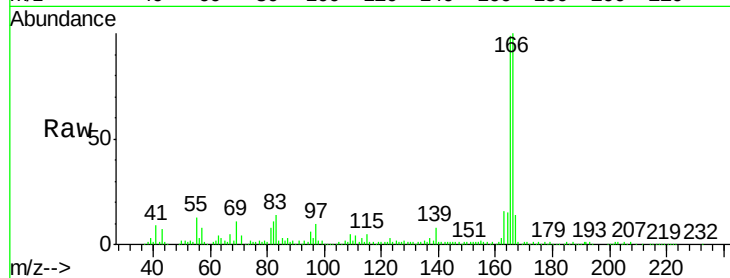
Tgt Ion:166 Resp: 187229

Ion Ratio Lower Upper

166 100

165 99.2 79.8 119.8

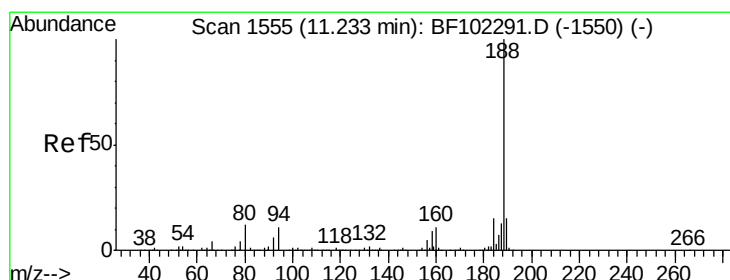
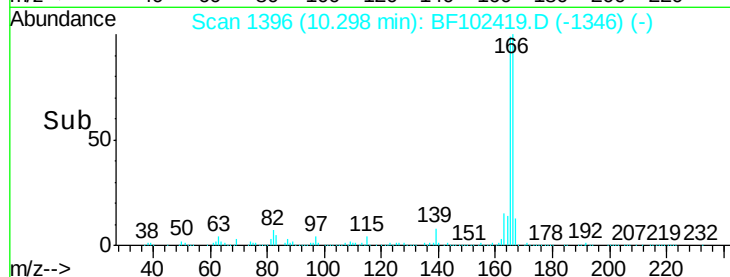
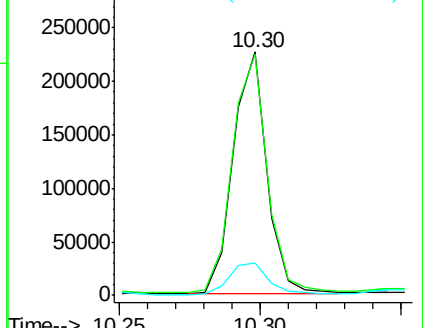
167 13.5 10.6 16.0



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

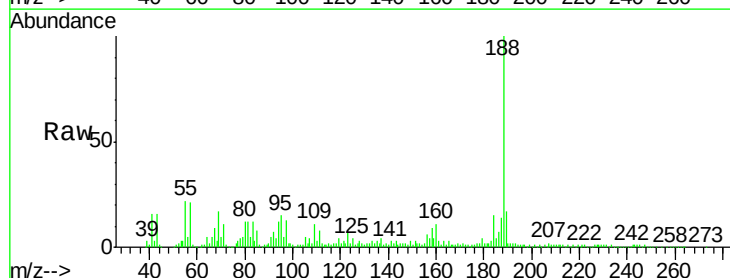
Tgt Ion:188 Resp: 232953

Ion Ratio Lower Upper

188 100

94 11.5 8.5 12.7

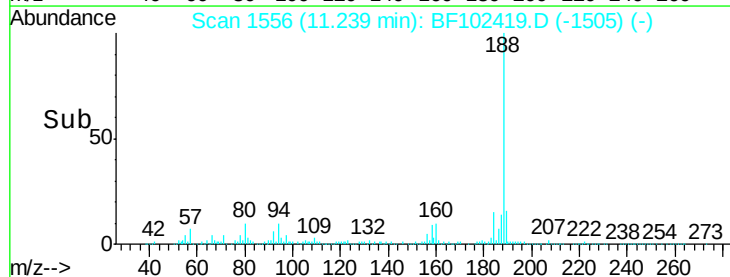
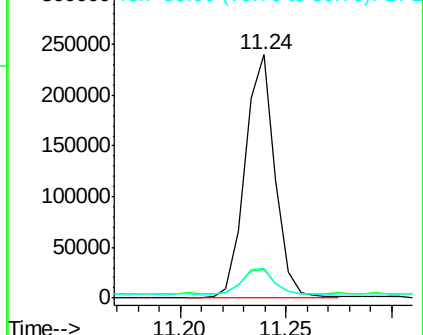
80 12.2 9.2 13.8

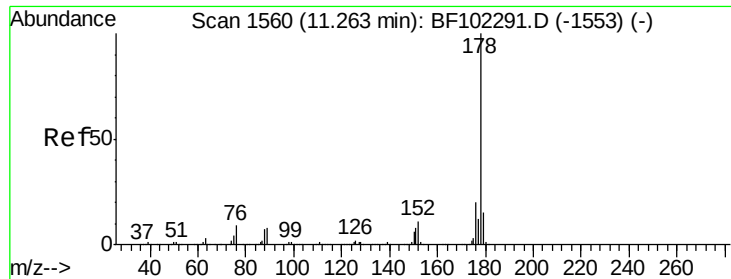


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 94.098 ng

RT: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

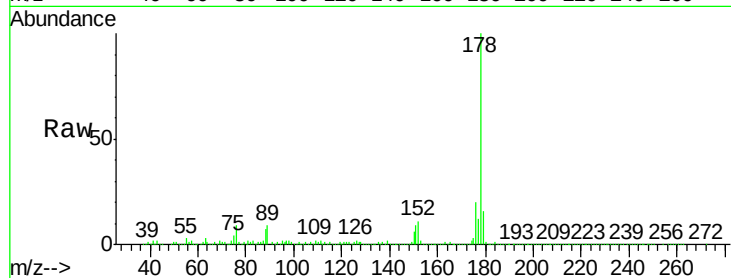
Tgt Ion:178 Resp: 1277344

Ion Ratio Lower Upper

178 100

176 20.1 15.8 23.8

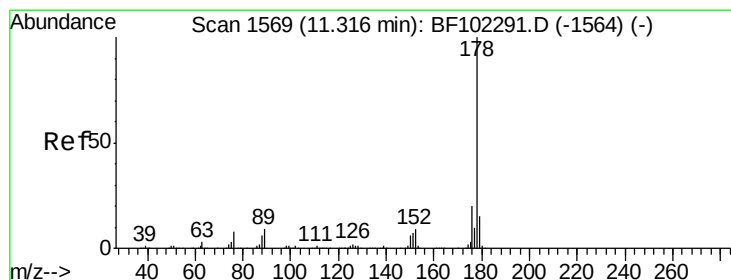
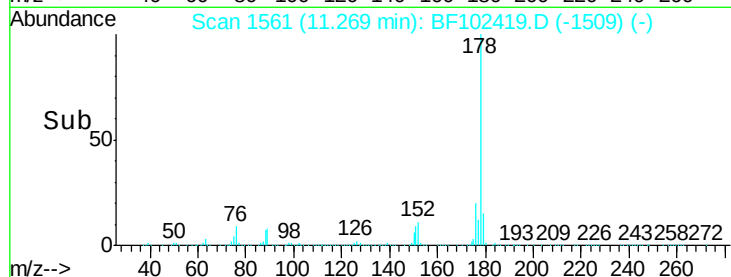
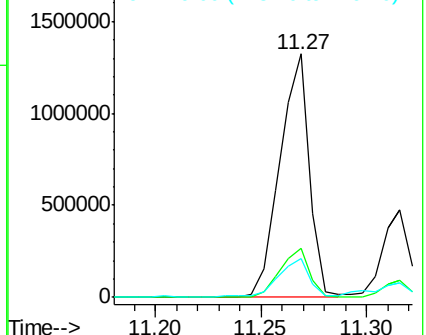
179 15.7 13.0 19.6



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: 28.905 ng

RT: 11.32 min Scan# 1569

Delta R.T. 0.00 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

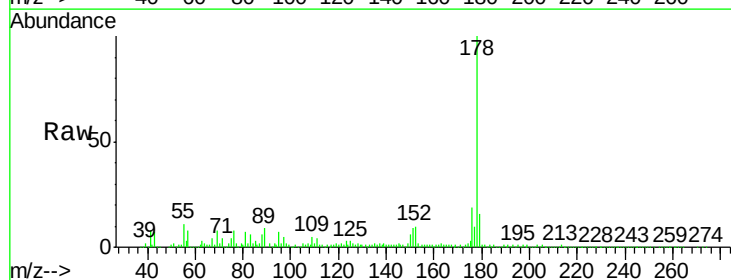
Tgt Ion:178 Resp: 400488

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

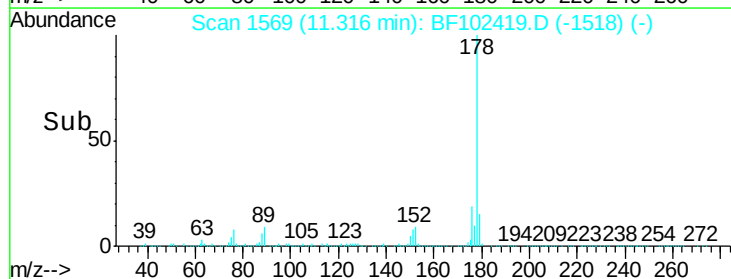
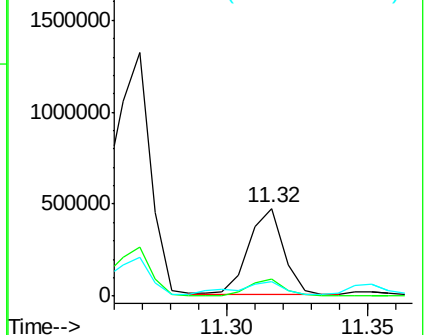
179 16.1 12.6 19.0

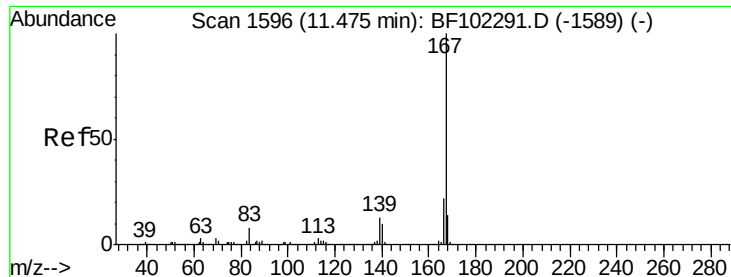


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 14.894 ng

RT: 11.47 min Scan# 1596

Delta R.T. 0.00 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

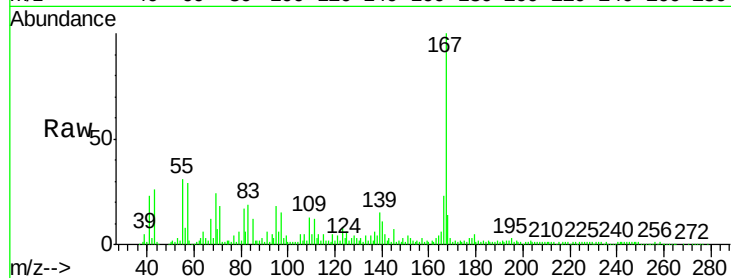
Tgt Ion:167 Resp: 201330

Ion Ratio Lower Upper

167 100

166 22.9 17.6 26.4

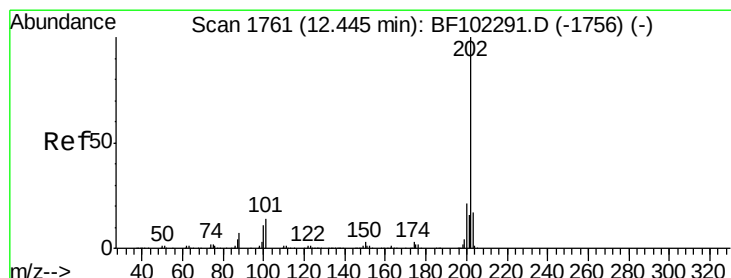
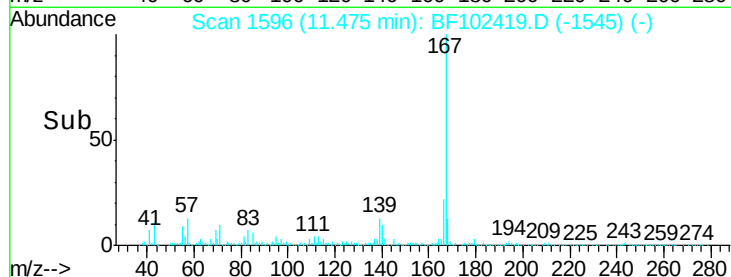
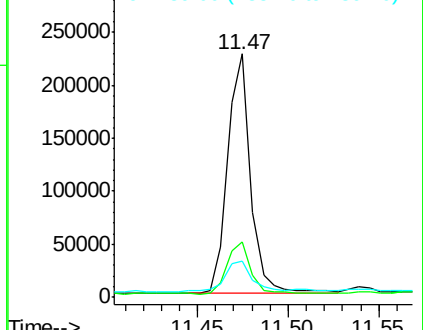
139 14.9 10.9 16.3



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: 92.703 ng

RT: 12.47 min Scan# 1765

Delta R.T. 0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

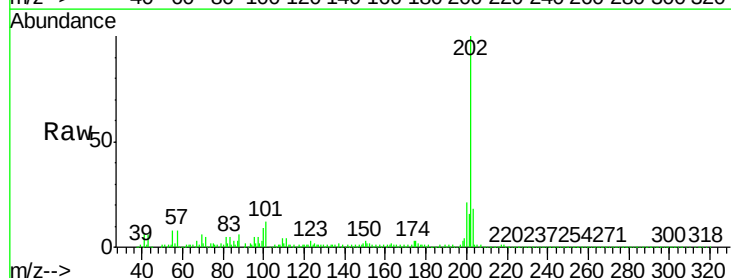
Tgt Ion:202 Resp: 1283271

Ion Ratio Lower Upper

202 100

101 12.3 0.0 34.1

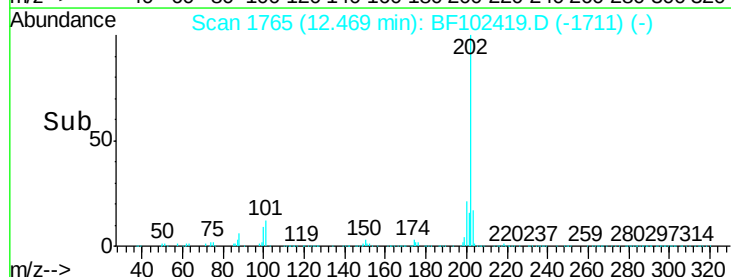
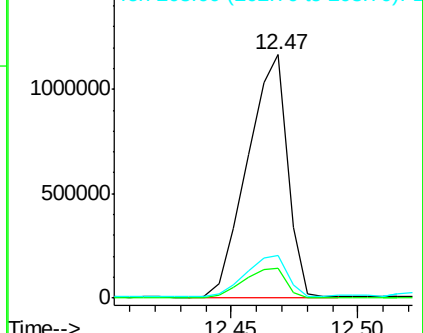
203 17.6 0.0 38.1

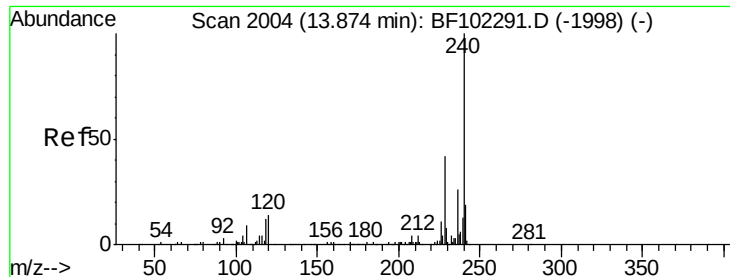


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.90 min Scan# 2009

Delta R.T. 0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

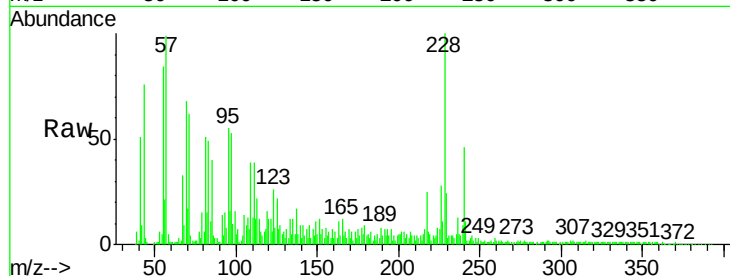
Tgt Ion:240 Resp: 126880

Ion Ratio Lower Upper

240 100

120 25.7 9.5 14.3#

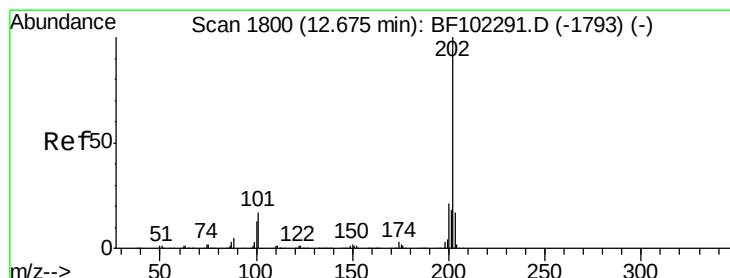
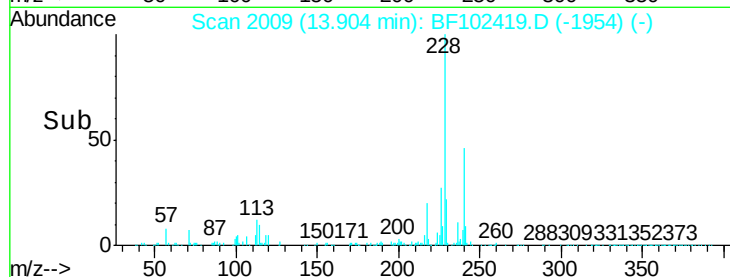
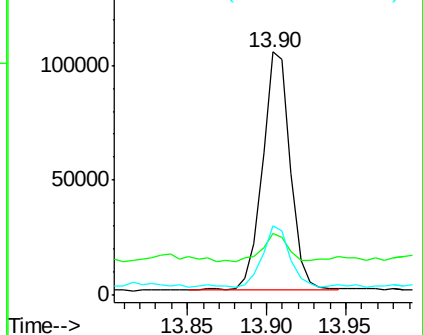
236 28.5 20.7 31.1



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: 114.748 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.02 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

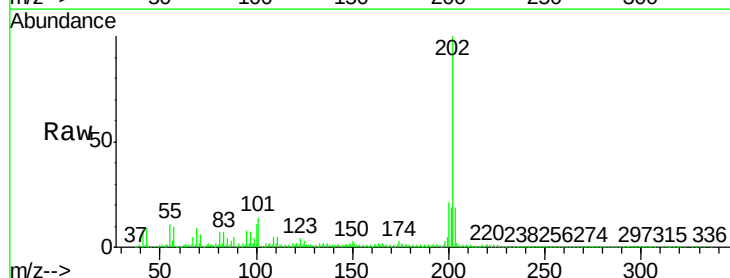
Tgt Ion:202 Resp: 1125669

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

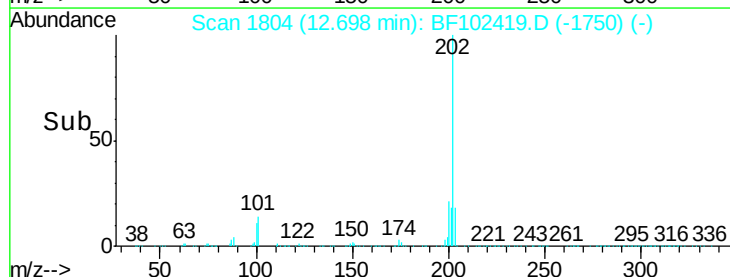
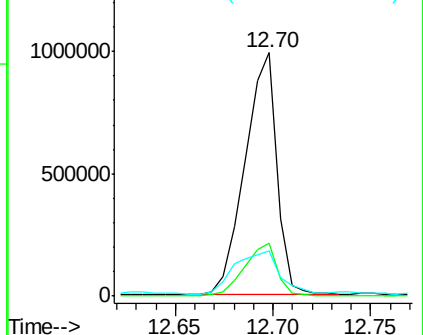
203 18.6 14.3 21.5

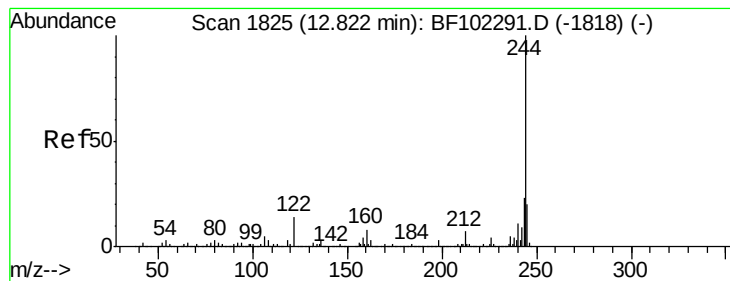


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 44.816 ng

RT: 12.83 min Scan# 1827

Delta R.T. 0.01 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

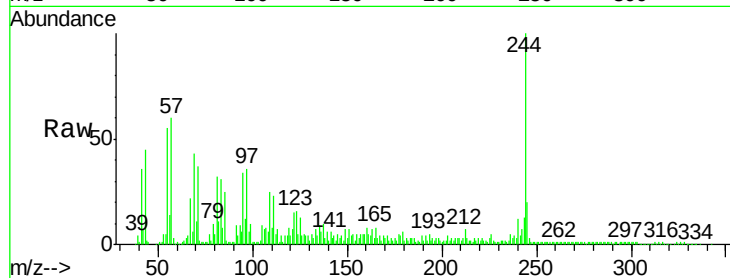
Tgt Ion:244 Resp: 252235

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

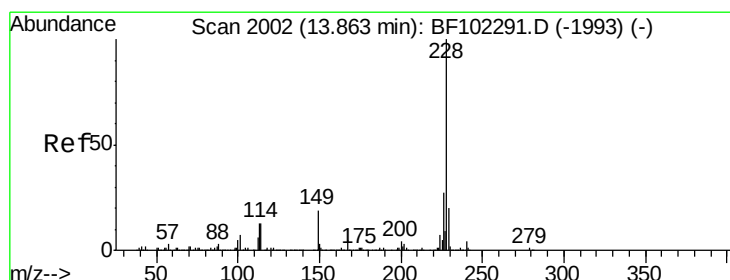
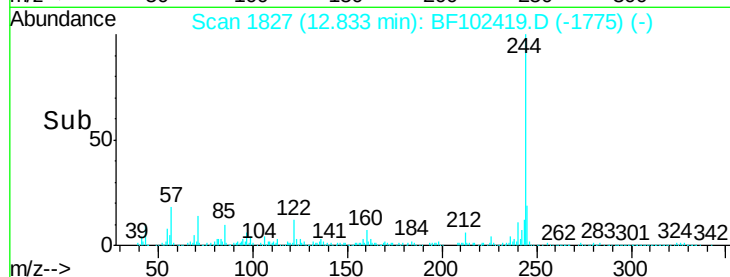
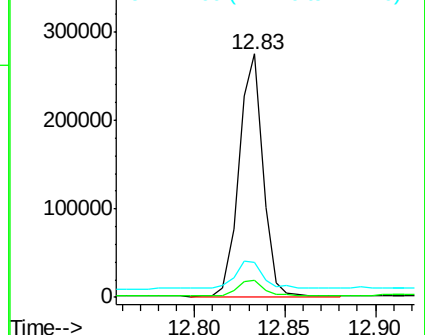
122 14.6 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 59.369 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.03 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

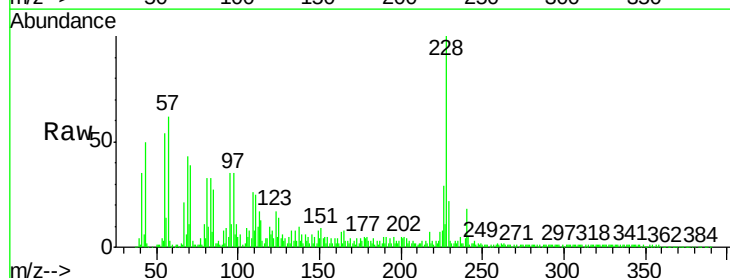
Tgt Ion:228 Resp: 463764

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

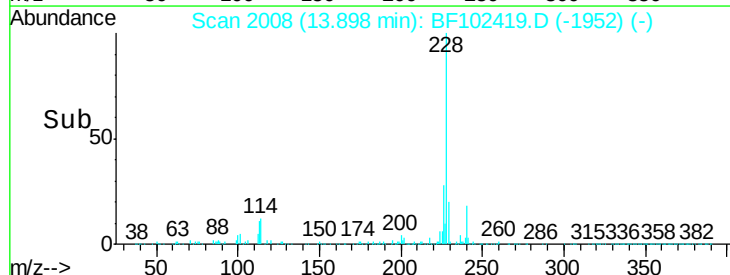
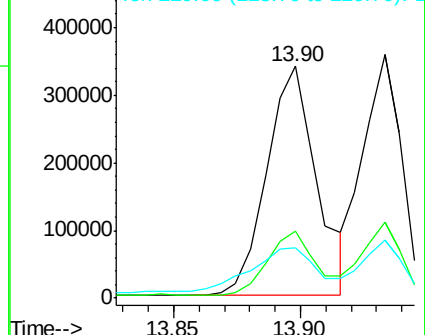
229 21.9 15.8 23.6

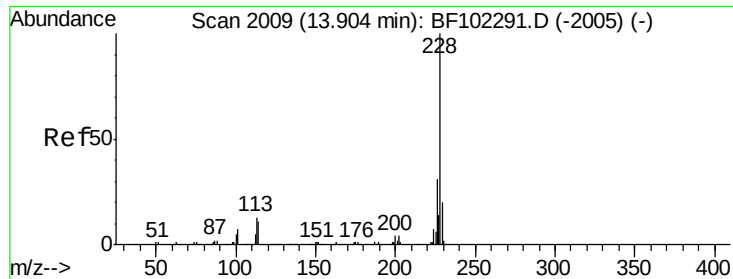


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

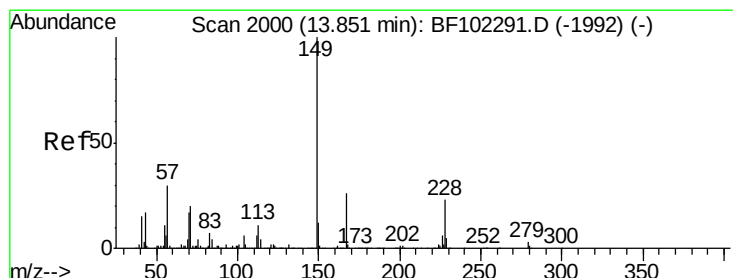
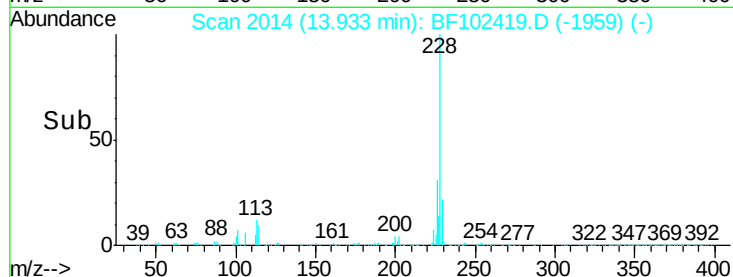
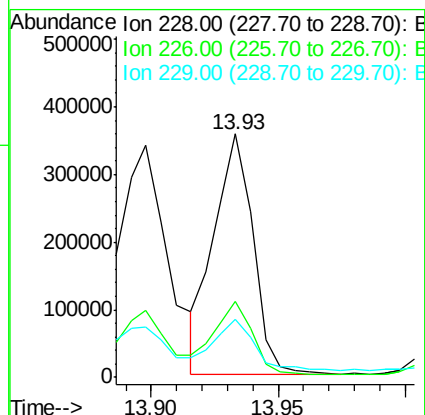
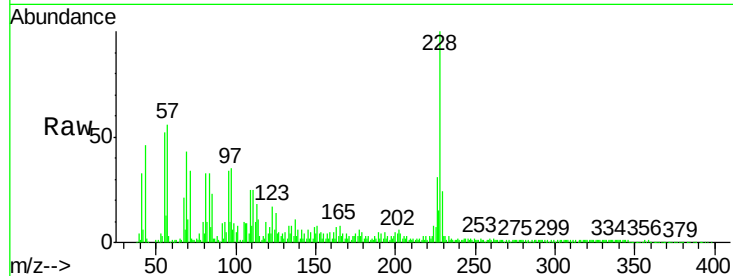




#82
 Chrysene
 Concen: 48.123 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.02 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

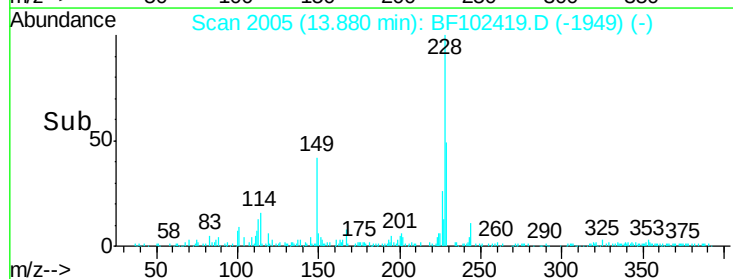
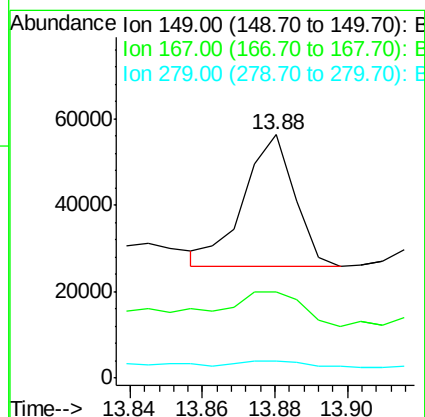
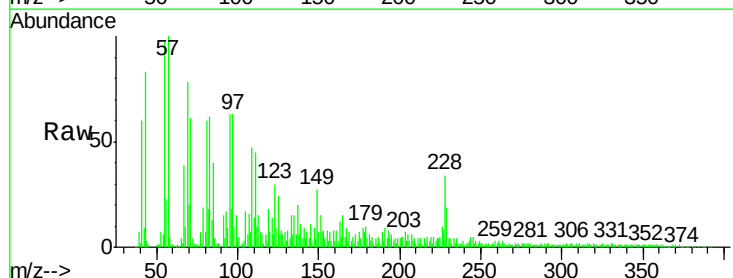
Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

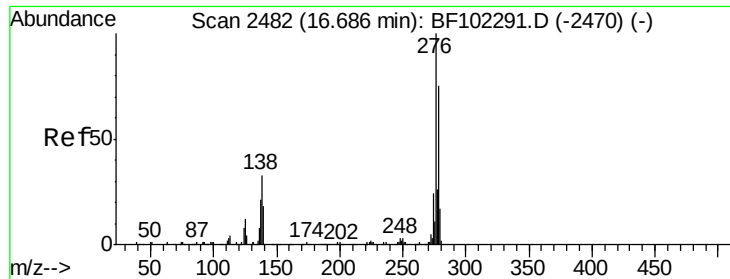
Tgt Ion: 228 Resp: 381740
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 23.8 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.544 ng
 RT: 13.88 min Scan# 2005
 Delta R.T. 0.03 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

Tgt Ion: 149 Resp: 29812
 Ion Ratio Lower Upper
 149 100
 167 35.5 21.3 31.9#
 279 7.0 3.0 4.4#

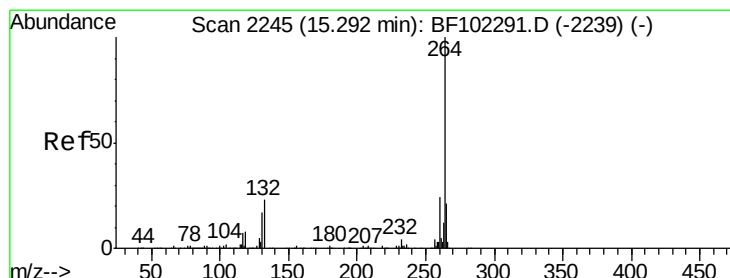
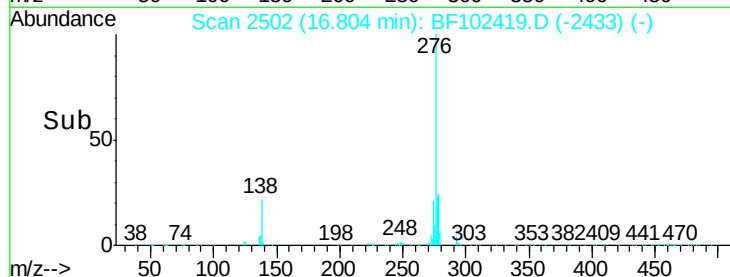
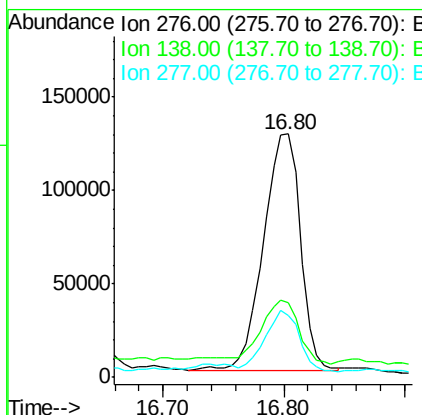
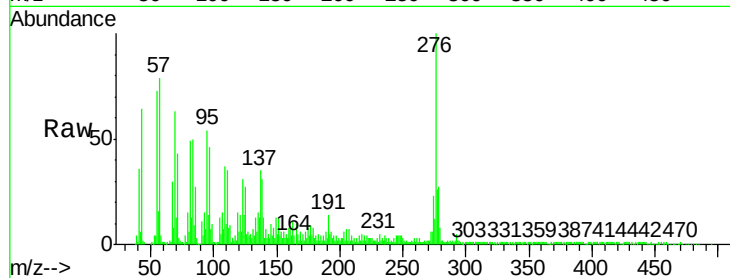




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.612 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. 0.11 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

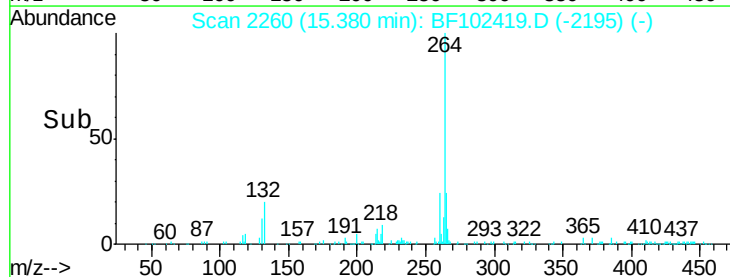
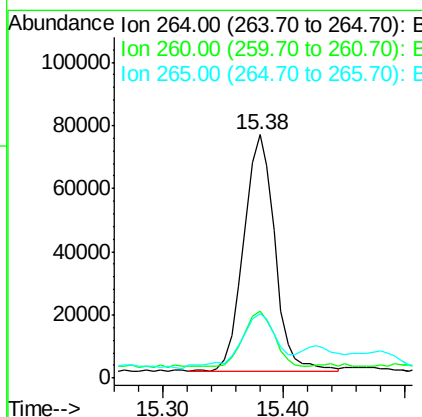
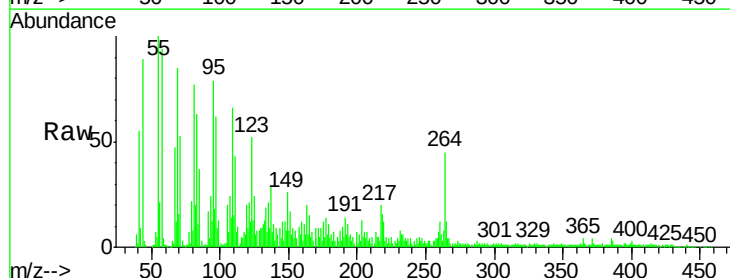
Instrument :
 BNA_F
 ClientSampleId :
 DB-OF-N-S-(EW0-4)

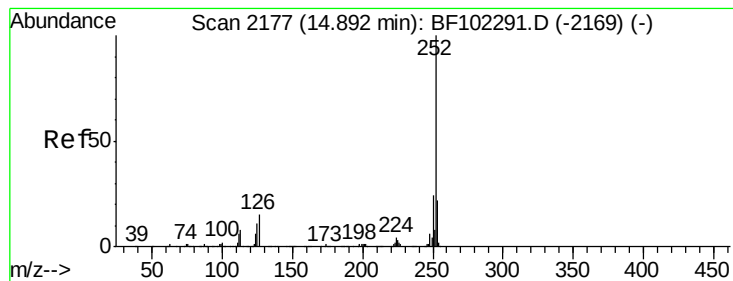
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.0	37.6
277	23.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.38 min Scan# 2260
 Delta R.T. 0.08 min
 Lab File: BF102419.D
 Acq: 25 Jan 2018 12:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.7	19.2	28.8
265	26.7	17.5	26.3#





#87

Benzo(b)fluoranthene

Concen: 70.368 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.06 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

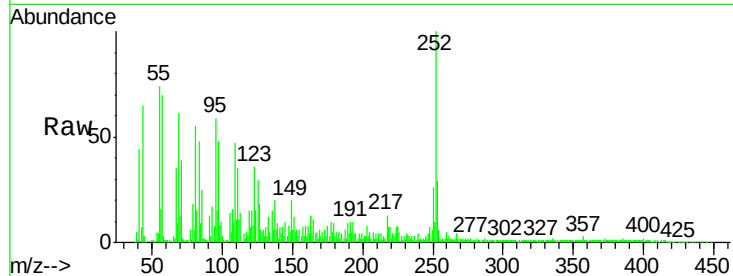
Tgt Ion:252 Resp: 620795

Ion Ratio Lower Upper

252 100

253 28.9 17.0 25.6#

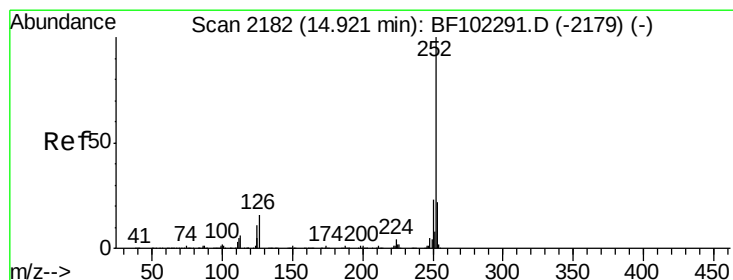
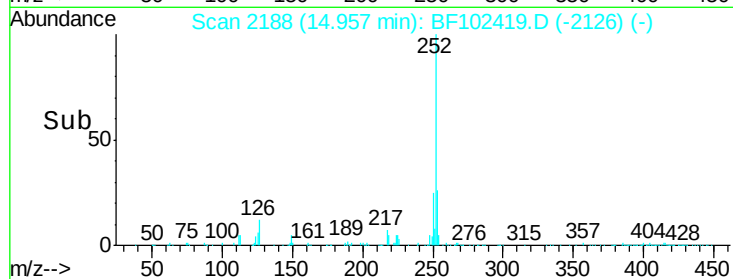
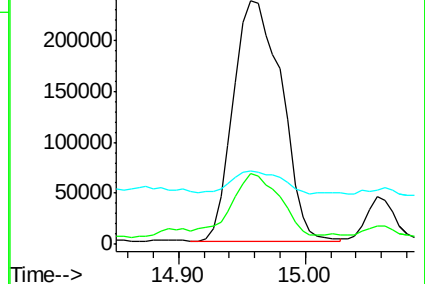
125 30.2 9.0 13.6#



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



#88

Benzo(k)fluoranthene

Concen: 74.481 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.04 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

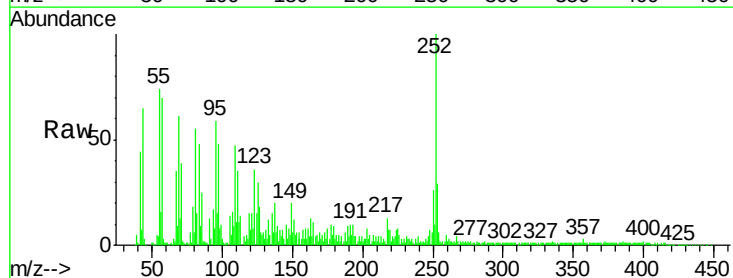
Tgt Ion:252 Resp: 620795

Ion Ratio Lower Upper

252 100

253 28.9 17.9 26.9#

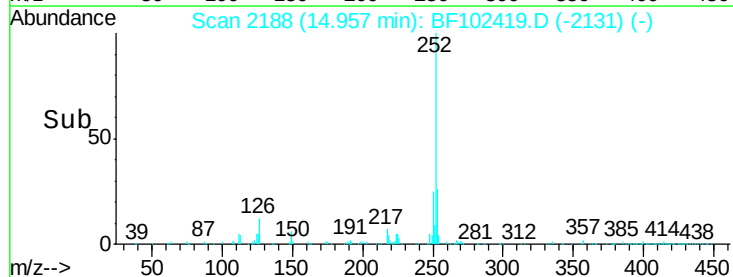
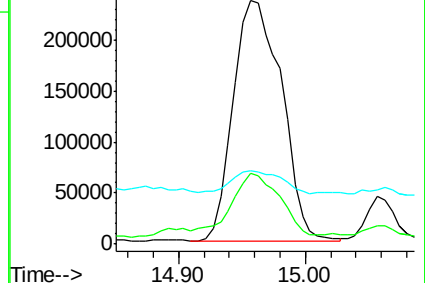
125 30.2 10.2 15.2#

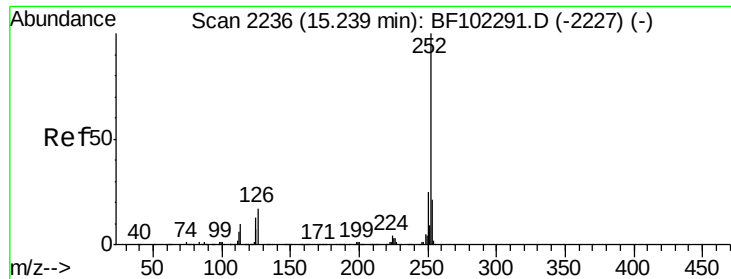


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.676 ng

RT: 15.32 min Scan# 2250

Delta R.T. 0.08 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)

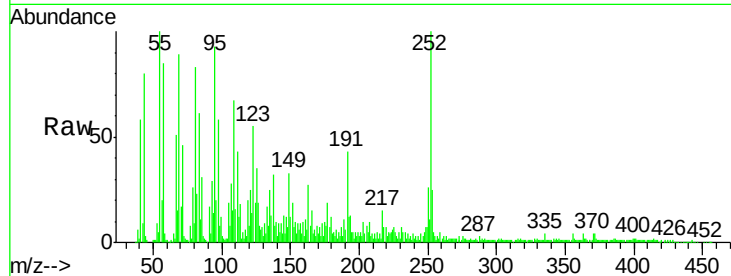
Tgt Ion:252 Resp: 331599

Ion Ratio Lower Upper

252 100

253 24.9 17.1 25.7

125 35.5 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

15.32

200000

150000

100000

50000

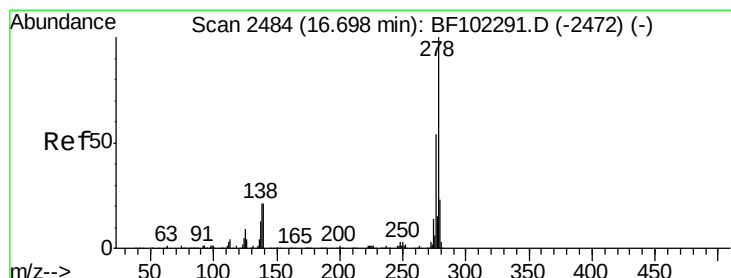
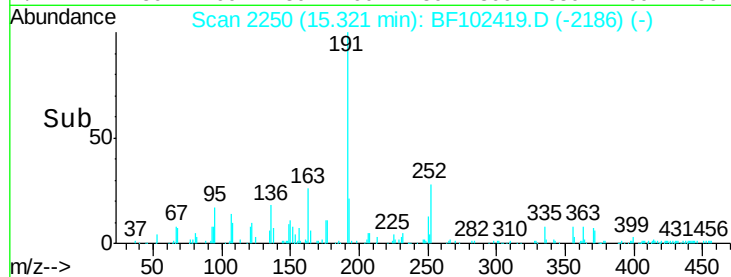
0

Time-->

15.25

15.30

15.35



#90

Dibenzo(a,h)anthracene

Concen: 10.537 ng

RT: 16.80 min Scan# 2502

Delta R.T. 0.09 min

Lab File: BF102419.D

Acq: 25 Jan 2018 12:04

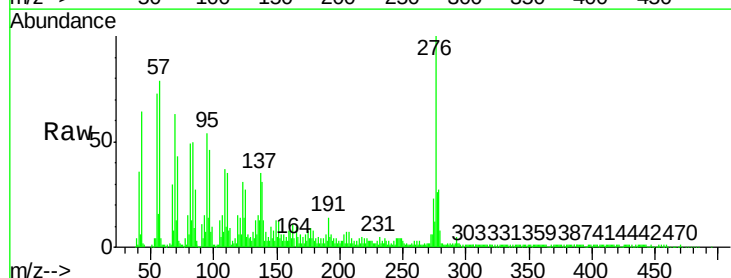
Tgt Ion:278 Resp: 67915

Ion Ratio Lower Upper

278 100

139 50.2 15.9 23.9#

279 30.9 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

16.80

40000

30000

20000

10000

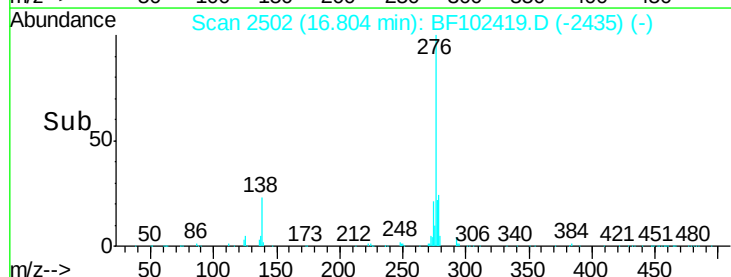
0

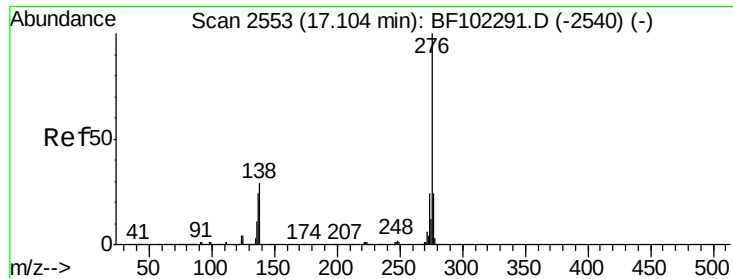
Time-->

16.75

16.80

16.85





#91

Benzo(g,h,i)perylene

Concen: 41.792 ng

RT: 17.23 min Scan# 2574

Delta R.T. 0.11 min

Lab File: BF102419.D

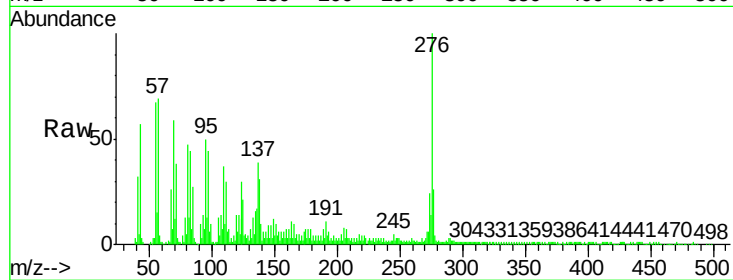
Acq: 25 Jan 2018 12:04

Instrument :

BNA_F

ClientSampleId :

DB-OF-N-S-(EW0-4)



Tgt Ion: 276 Resp: 265964

Ion Ratio Lower Upper

276 100

277 25.8 17.9 26.9

138 30.9 21.8 32.8

