

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072418\
 Data File : BF107619.D
 Acq On : 24 Jul 2018 15:24
 Operator : JU/SJ
 Sample : J4096-04 2X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DW-6

Quant Time: Jul 25 01:01:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	245075	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	952017	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	392071	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	637714	20.00	ng	0.00
75) Chrysene-d12	14.17	240	392316	20.00	ng	0.00
86) Perylene-d12	15.72	264	415985	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	494920	32.47	ng	-0.01
7) Phenol-d6	6.60	99	678038	37.05	ng	-0.01
23) Nitrobenzene-d5	7.53	82	398664	28.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	148727	33.36	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	770069	26.13	ng	-0.02
78) Terphenyl-d14	13.09	244	534971	34.91	ng	-0.01

Target Compounds

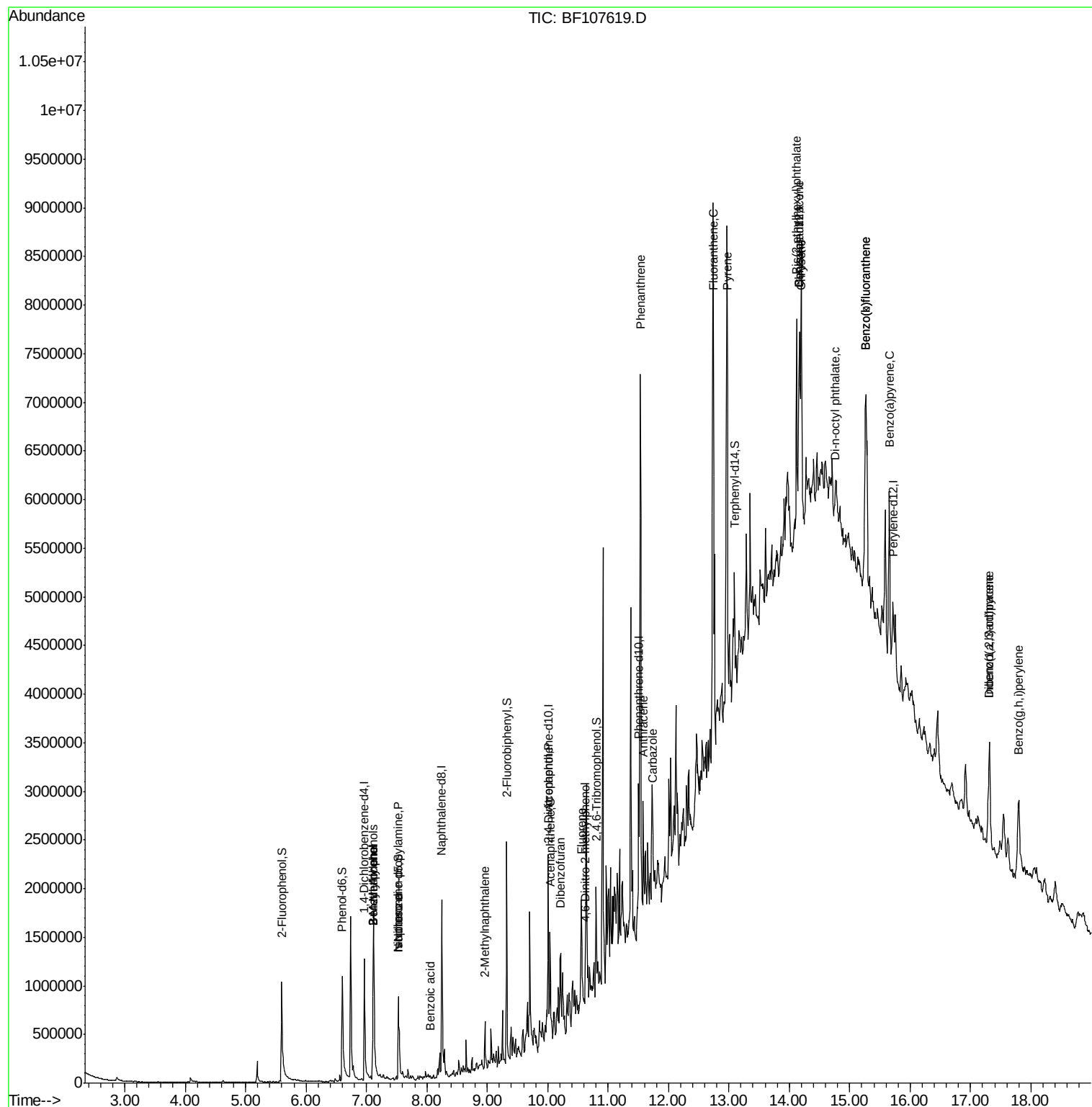
						Qvalue
9) Benzaldehyde	6.74	77	12140	Below Cal		93
15) Benzyl Alcohol	7.11	79	275687	22.101 ng		99
17) 2-Methylphenol	7.11	107	152527	10.989 ng	#	23
19) n-Nitroso-di-n-propylamine	7.53	70	50735	4.291 ng	#	81
20) 3+4-Methylphenols	7.11	107	152541	9.255 ng	#	1
25) Isophorone	7.53	82	397728	13.205 ng	#	64
32) Benzoic acid	8.05	122	614	7.957 ng	#	1
37) 2-Methylnaphthalene	8.96	142	177614	6.122 ng		96
51) Acenaphthene	10.04	154	224331	9.130 ng		99
53) 2,4-Dinitrophenol	10.02	184	109	8.334 ng	#	1
54) Dibenzofuran	10.21	168	221220	6.115 ng	#	97
57) Fluorene	10.56	166	351727	13.629 ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	476	8.807 ng	#	1
70) Phenanthrene	11.54	178	2655376	85.448 ng		94
71) Anthracene	11.58	178	486571	15.551 ng		99
72) Carbazole	11.74	167	268964	8.266 ng		94
73) Di-n-butylphthalate	12.05	149	37264	Below Cal	#	75
74) Fluoranthene	12.74	202	4049492	121.435 ng		94
77) Pyrene	12.97	202	3271700	121.920 ng	#	94
80) Benzo(a)anthracene	14.16	228	1382742	60.144 ng		97
81) 3,3'-Dichlorobenzidine	14.13	252	1210	Below Cal	#	1
82) Chrysene	14.20	228	1802040	81.597 ng		96
83) Bis(2-ethylhexyl)phthalate	14.12	149	903744	55.501 ng		98
84) Di-n-octyl phthalate	14.75	149	78469	3.100 ng	#	74
85) Indeno(1,2,3-cd)pyrene	17.31	276	982102	52.470 ng	#	87
87) Benzo(b)fluoranthene	15.27	252	3012727	132.332 ng	#	94
88) Benzo(k)fluoranthene	15.27	252	3012727	135.071 ng	#	97
89) Benzo(a)pyrene	15.66	252	1190736	57.178 ng	#	94
90) Dibenzo(a,h)anthracene	17.32	278	194304	10.794 ng	#	83
91) Benzo(g,h,i)perylene	17.80	276	932103	52.493 ng		92

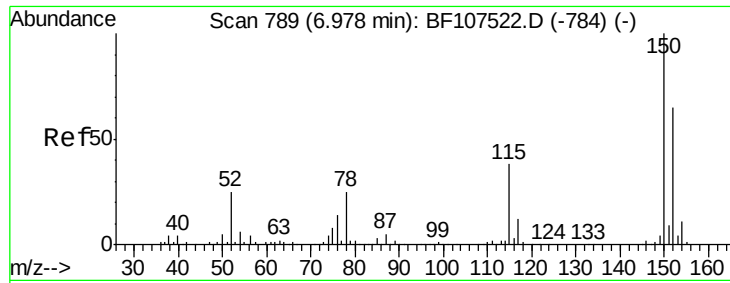
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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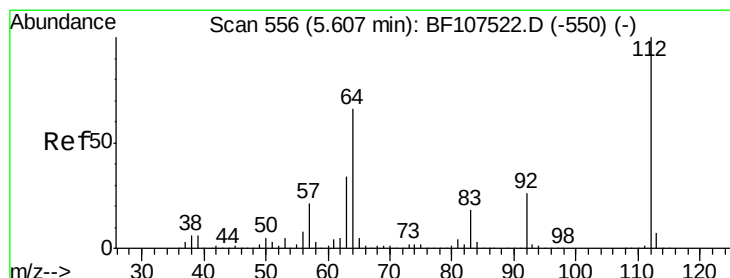
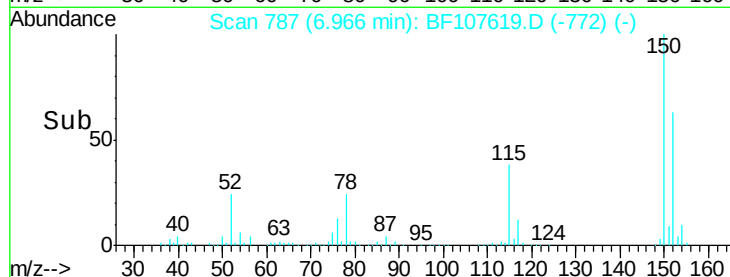
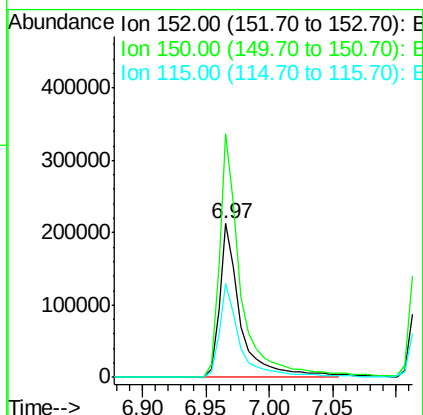
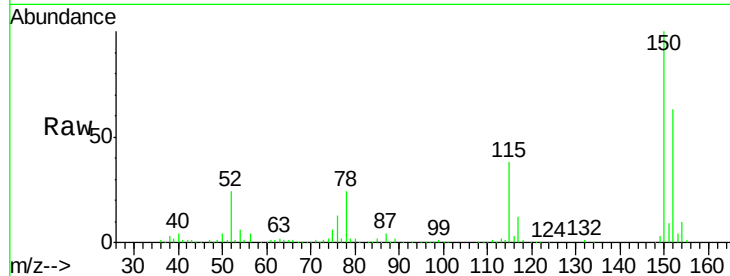


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Instrument :
BNA_F
ClientSampleId :
DW-6

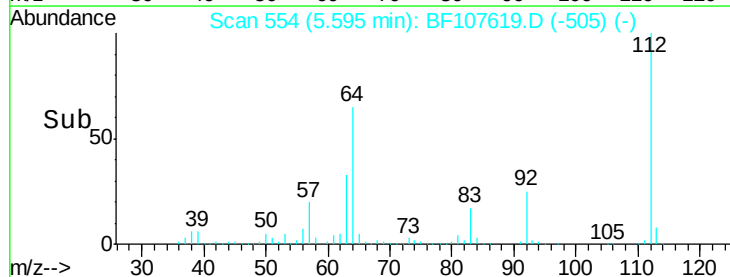
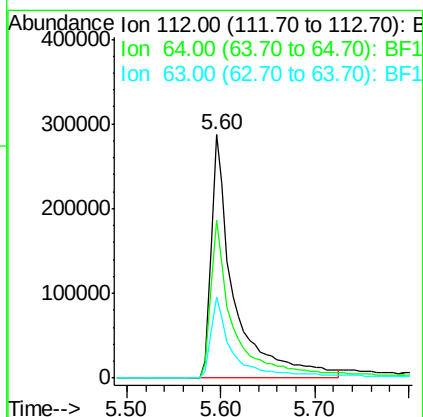
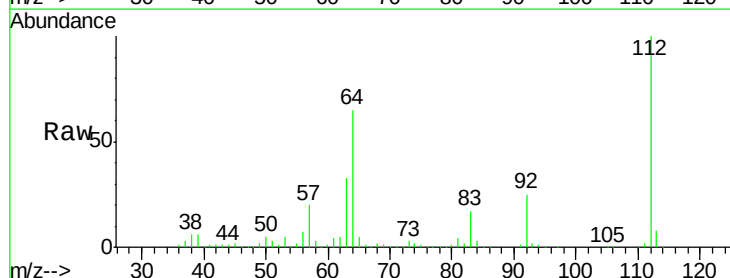
Tgt Ion:152 Resp: 245075
Ion Ratio Lower Upper
152 100
150 158.5 124.6 186.8
115 60.7 50.1 75.1

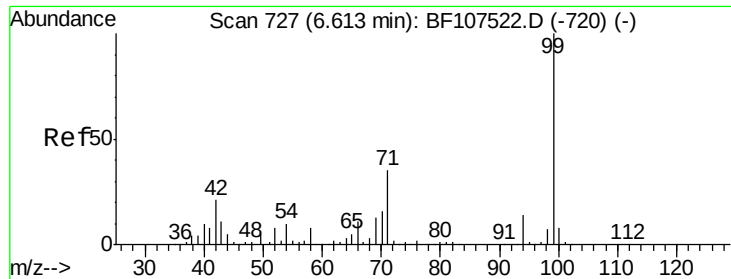


#5

2-Fluorophenol
Concen: 32.469 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Tgt Ion:112 Resp: 494920
Ion Ratio Lower Upper
112 100
64 64.7 47.9 71.9
63 33.3 23.7 35.5





#7

Phenol-d6

Concen: 37.046 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

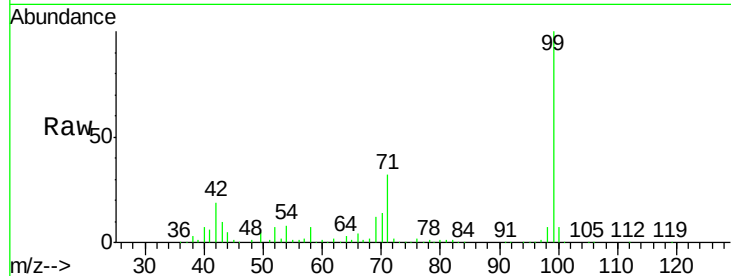
Tgt Ion: 99 Resp: 678038

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

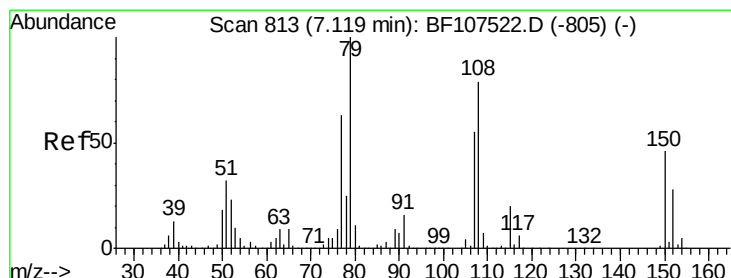
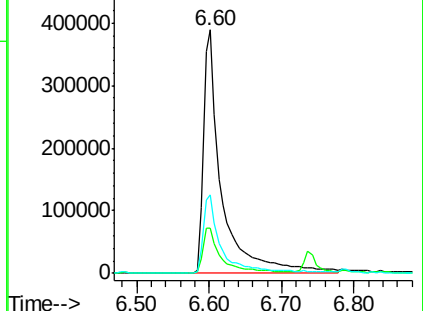
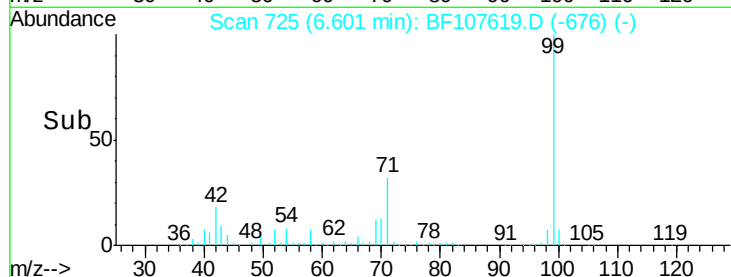
71 32.4 25.4 38.0



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



#15

Benzyl Alcohol

Concen: 22.101 ng

RT: 7.11 min Scan# 811

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

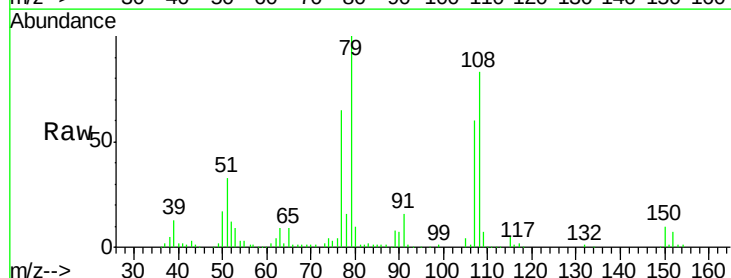
Tgt Ion: 79 Resp: 275687

Ion Ratio Lower Upper

79 100

108 82.5 65.1 97.7

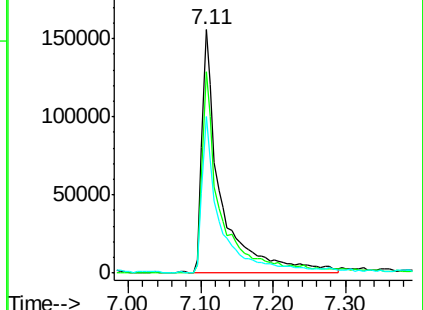
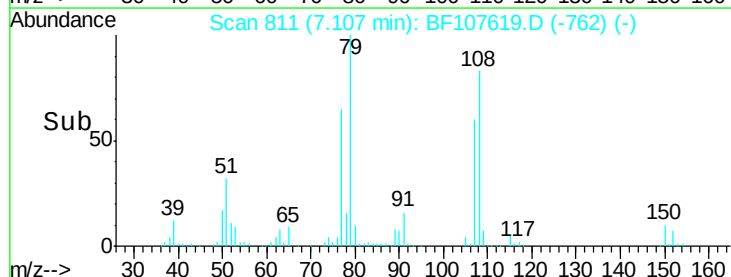
77 64.6 50.6 75.8

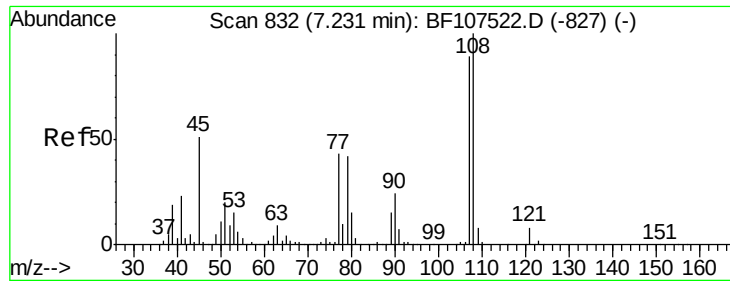


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

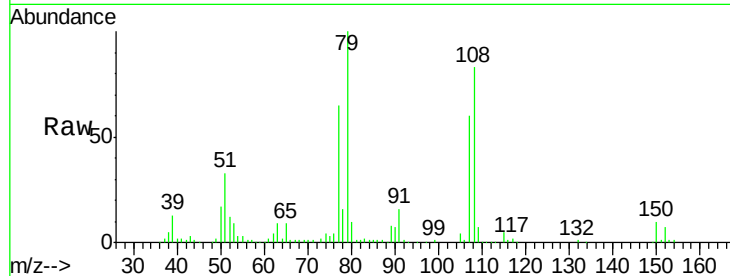




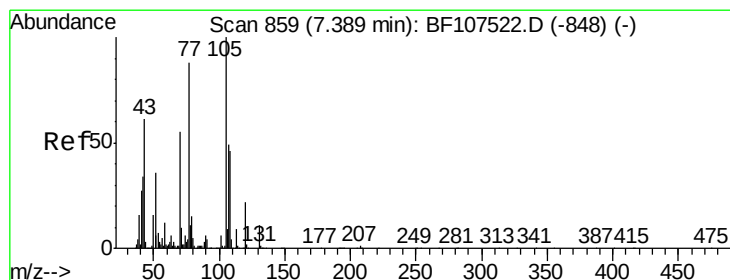
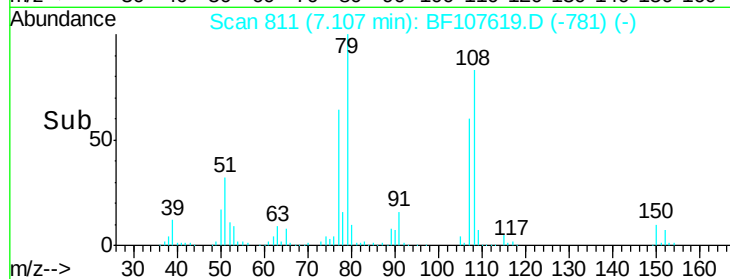
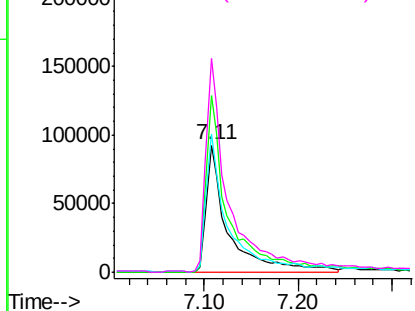
#17
2-Methylphenol
Concen: 10.989 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.12 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Instrument :
BNA_F
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Tgt Ion: 107 Resp: 152527
Ion Ratio Lower Upper
107 100
108 138.7 91.7 137.5#
77 108.5 33.8 50.8#
79 168.0 33.8 50.8#

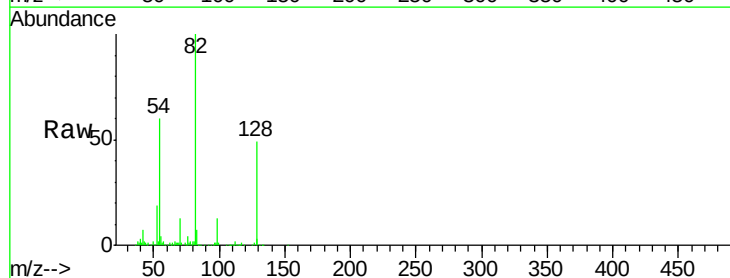


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

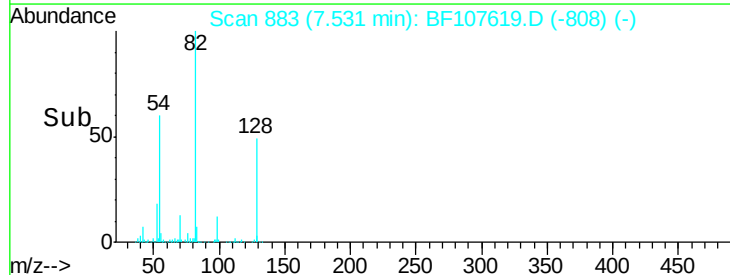
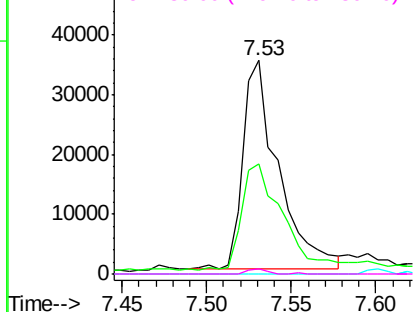


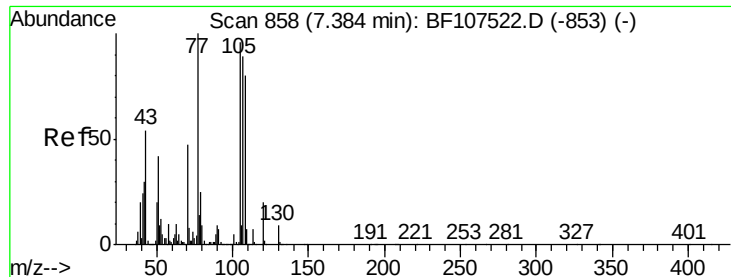
#19
n-Nitroso-di-n-propylamine
Concen: 4.291 ng
RT: 7.53 min Scan# 883
Delta R.T. 0.14 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Tgt Ion: 70 Resp: 50735
Ion Ratio Lower Upper
70 100
42 51.8 47.5 71.3
101 0.0 7.4 11.2#
130 2.2 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): E
Ion 130.00 (129.70 to 130.70): E

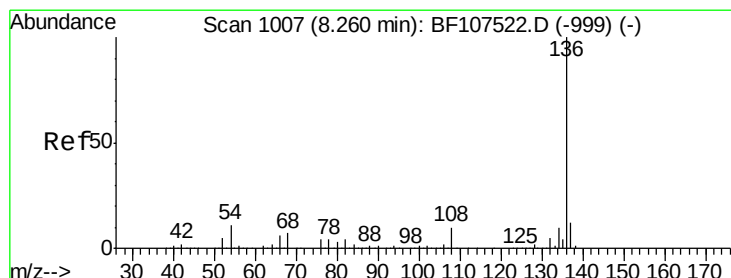
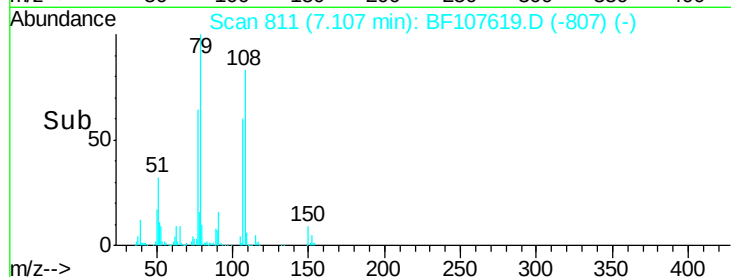
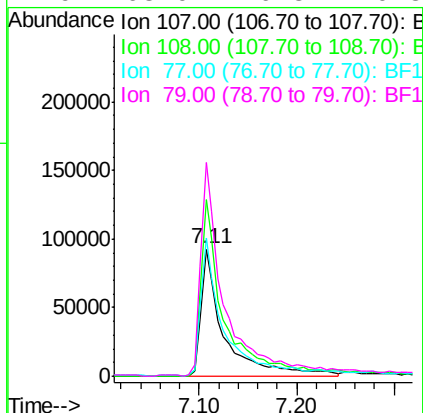
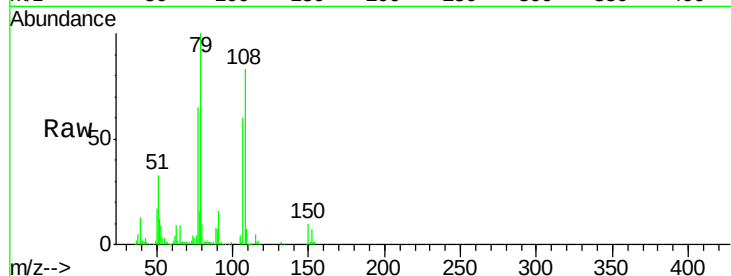




#20
3+4-Methylphenols
Concen: 9.255 ng
RT: 7.11 min Scan# 811
Delta R.T. -0.28 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

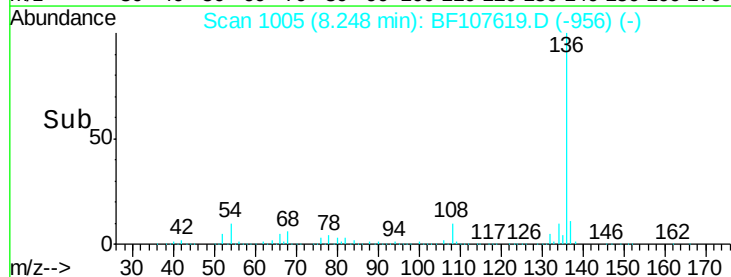
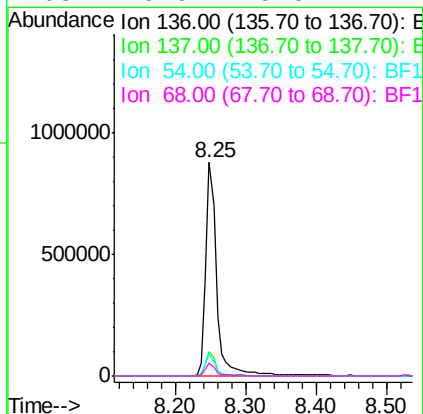
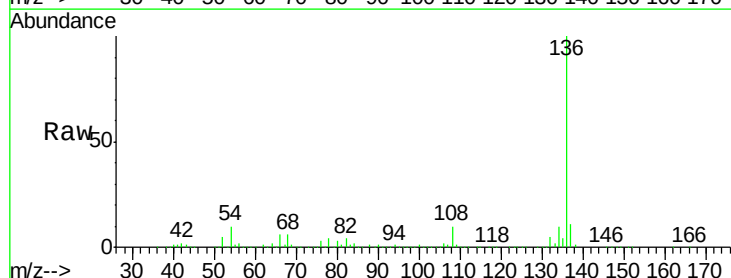
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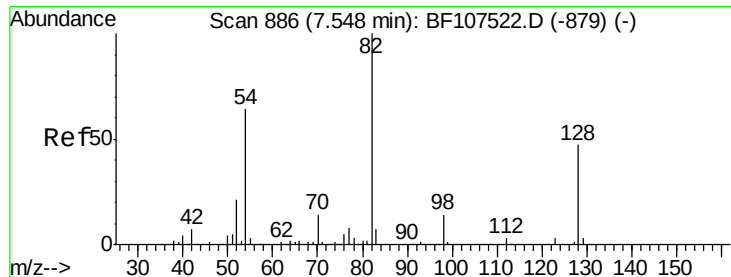
Tgt Ion:107 Resp: 152541
Ion Ratio Lower Upper
107 100
108 138.7 68.2 108.2#
77 108.5 26.7 66.7#
79 168.0 6.3 46.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Tgt Ion:136 Resp: 952017
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 10.0 6.6 9.8#
68 5.9 5.0 7.4

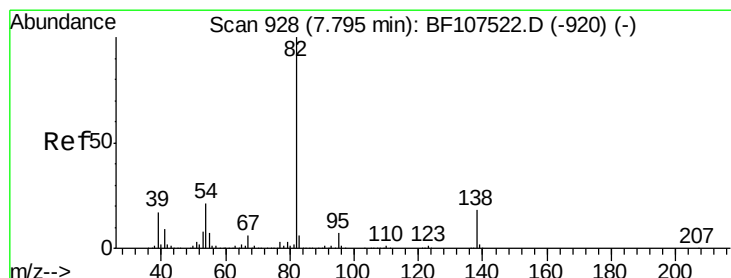
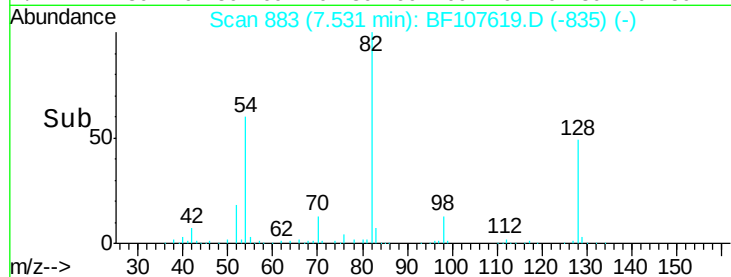
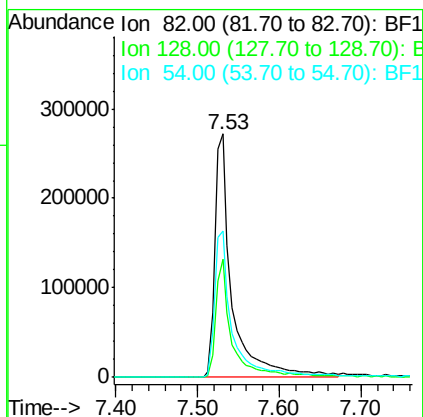
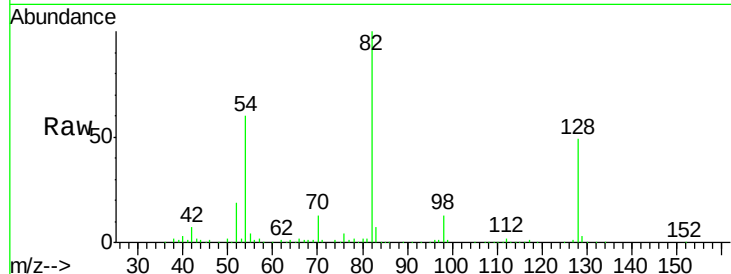




#23
 Nitrobenzene-d5
 Concen: 28.261 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

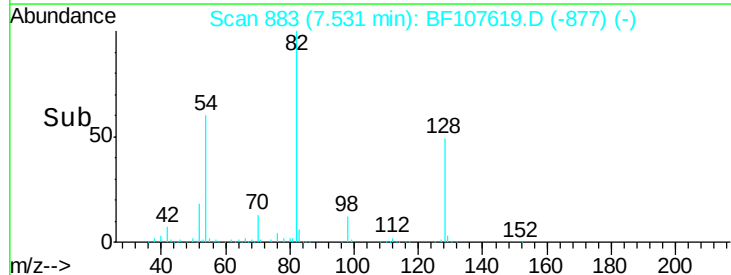
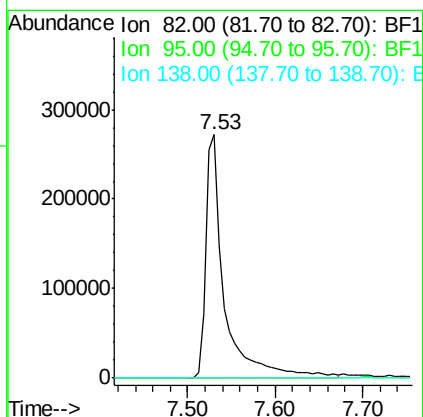
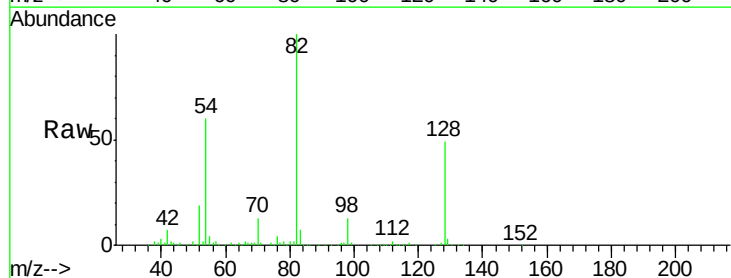
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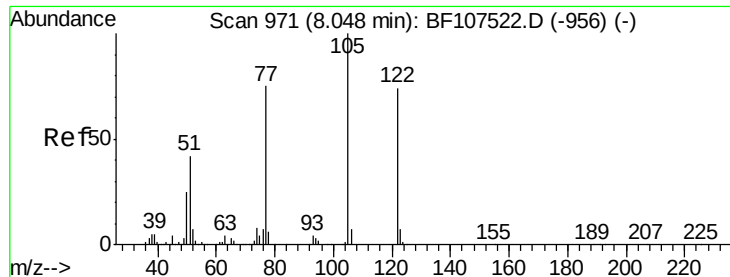
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.6	36.1	54.1
54	59.9	41.4	62.2



#25
 Isophorone
 Concen: 13.205 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

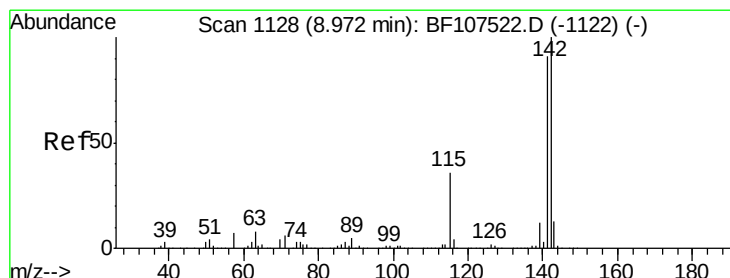
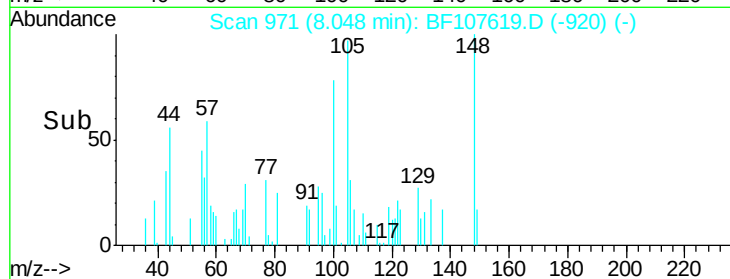
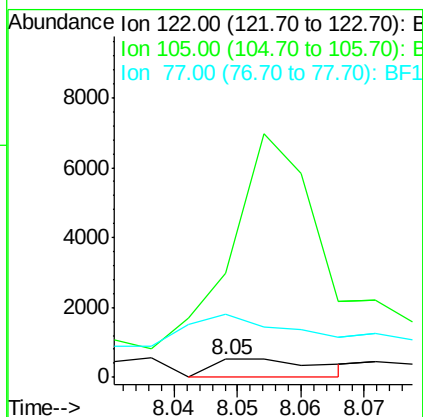
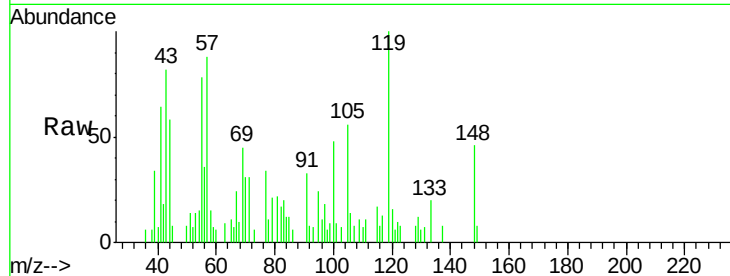




#32
Benzoic acid
Concen: 7.957 ng
RT: 8.05 min Scan# 971
Delta R.T. 0.00 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

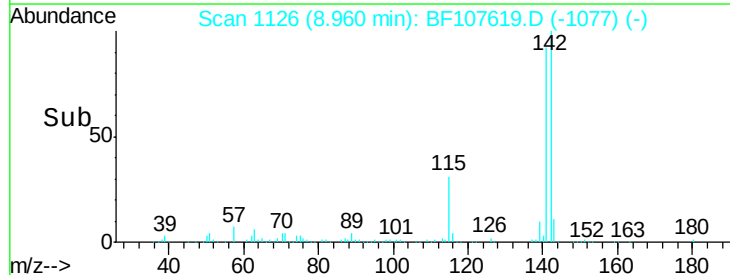
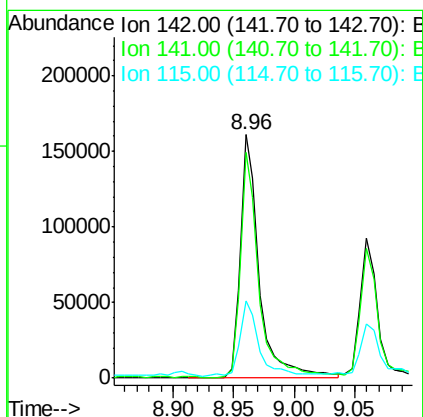
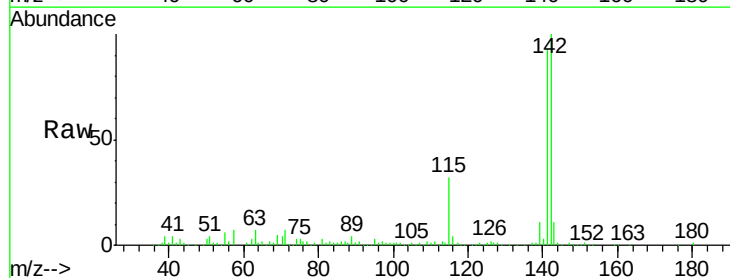
Instrument :
BNA_F
ClientSampleId :
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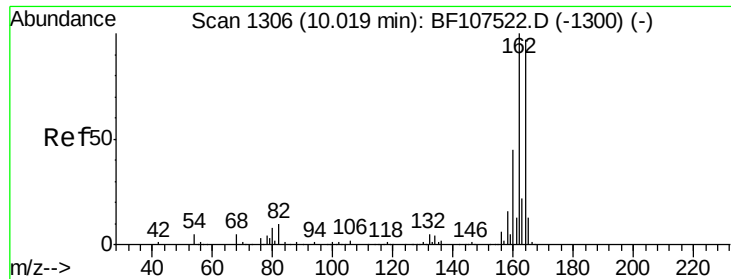
Tgt Ion:122 Resp: 614
Ion Ratio Lower Upper
122 100
105 571.4 101.1 141.1#
77 344.3 70.7 110.7#



#37
2-Methylnaphthalene
Concen: 6.122 ng
RT: 8.96 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF107619.D
Acq: 24 Jul 2018 15:24

Tgt Ion:142 Resp: 177614
Ion Ratio Lower Upper
142 100
141 92.6 70.8 106.2
115 31.8 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

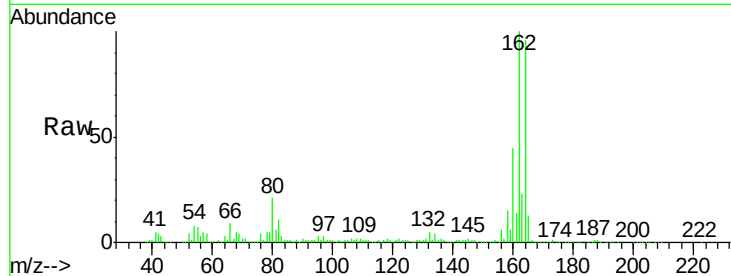
Tgt Ion:164 Resp: 392071

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

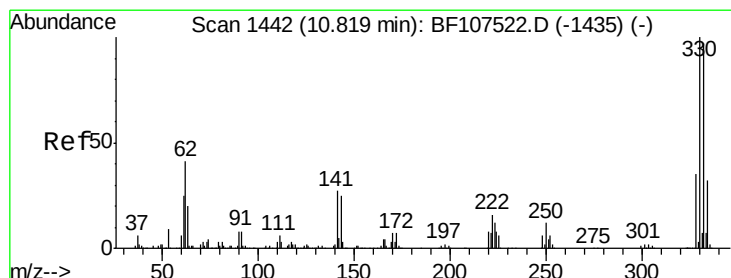
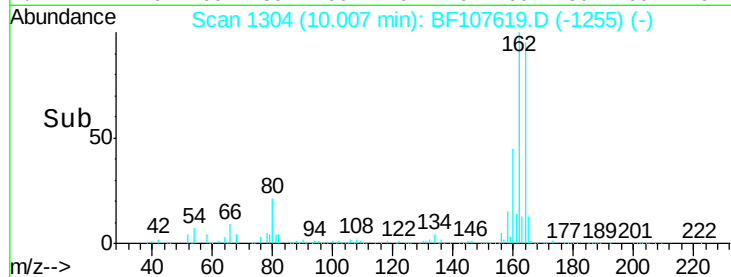
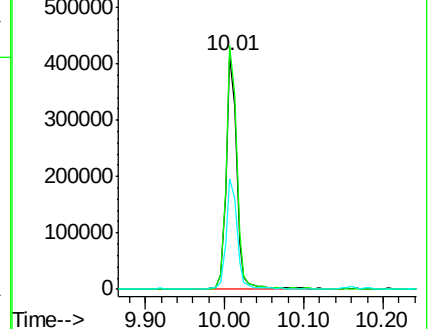
160 47.3 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 33.358 ng

RT: 10.80 min Scan# 1439

Delta R.T. -0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

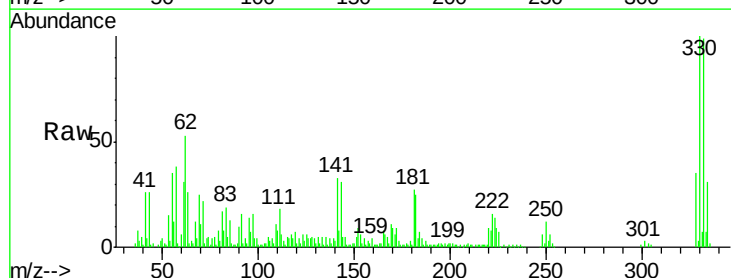
Tgt Ion:330 Resp: 148727

Ion Ratio Lower Upper

330 100

332 97.9 77.0 115.6

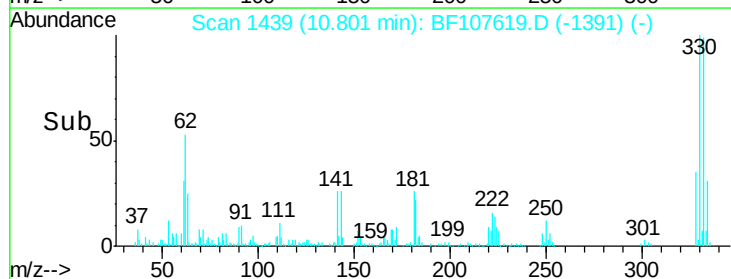
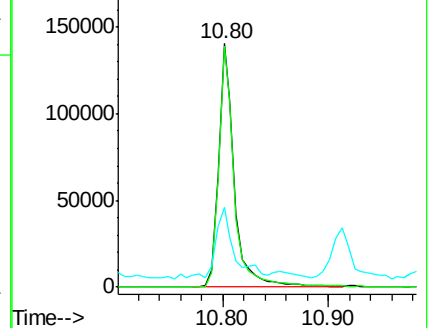
141 33.3 29.9 44.9

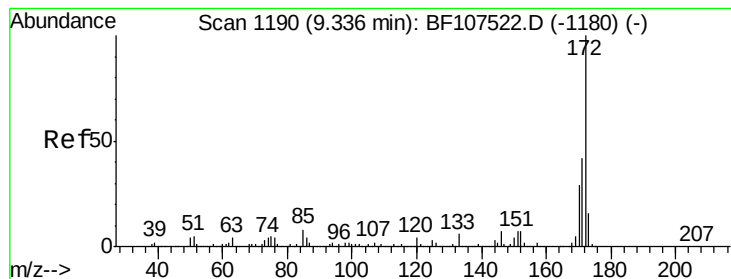


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 26.129 ng

RT: 9.32 min Scan# 1187

Delta R.T. -0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

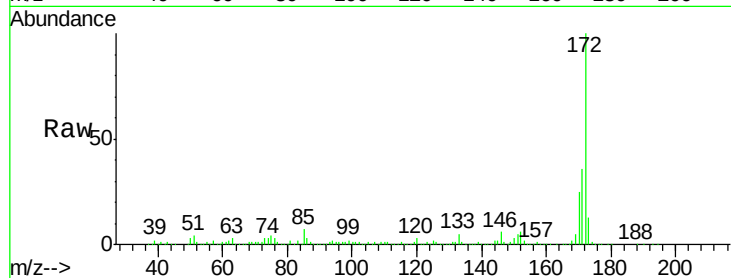
Tgt Ion:172 Resp: 770069

Ion Ratio Lower Upper

172 100

171 35.5 29.7 44.5

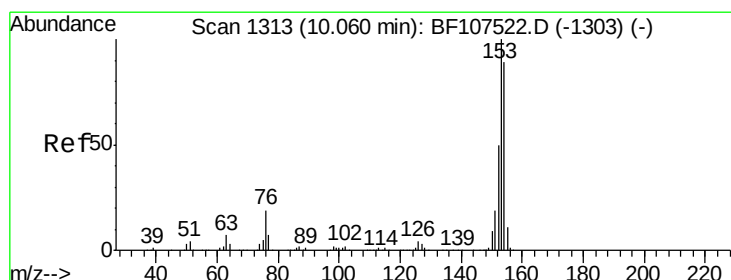
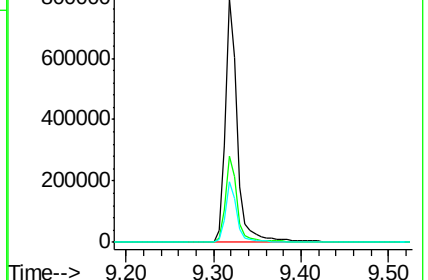
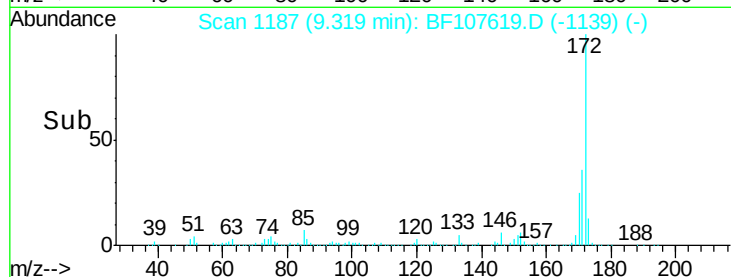
170 24.9 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#51

Acenaphthene

Concen: 9.130 ng

RT: 10.04 min Scan# 1310

Delta R.T. -0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

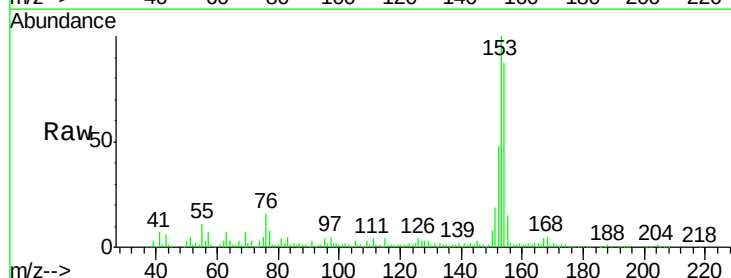
Tgt Ion:154 Resp: 224331

Ion Ratio Lower Upper

154 100

153 114.7 91.2 136.8

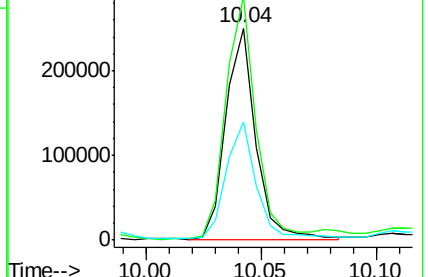
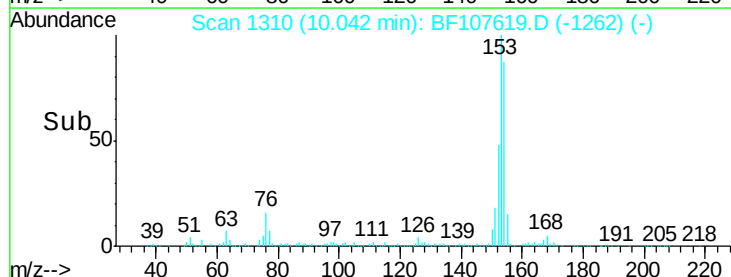
152 55.6 43.8 65.8

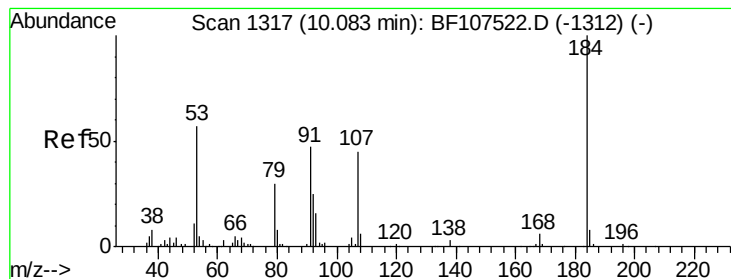


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

2,4-Dinitrophenol

Concen: 8.334 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.06 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

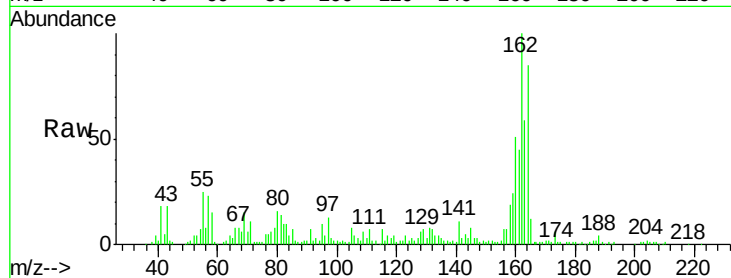
Tgt Ion:184 Resp: 109

Ion Ratio Lower Upper

184 100

63 654.8 54.2 81.2#

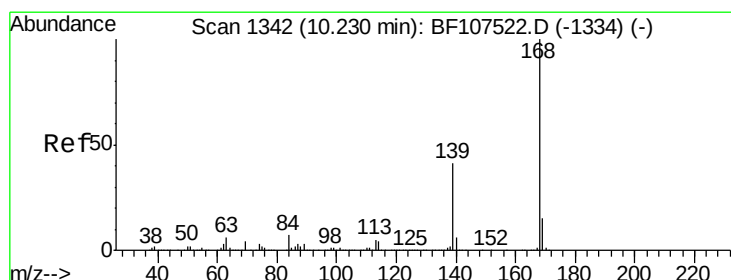
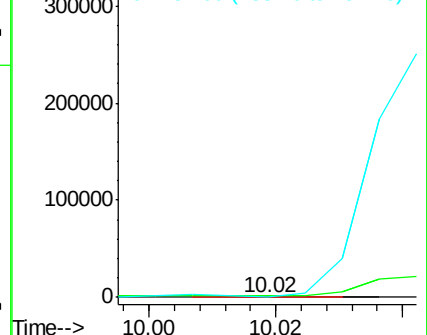
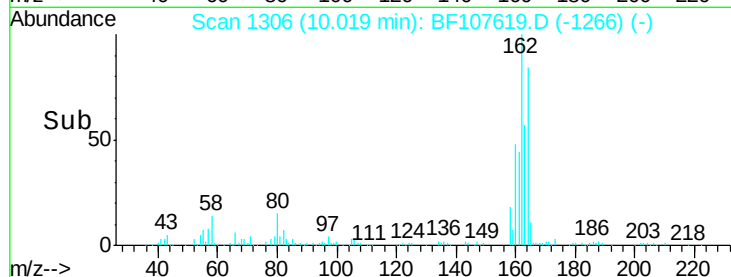
154 317.4 184.0 276.0#



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: 6.115 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

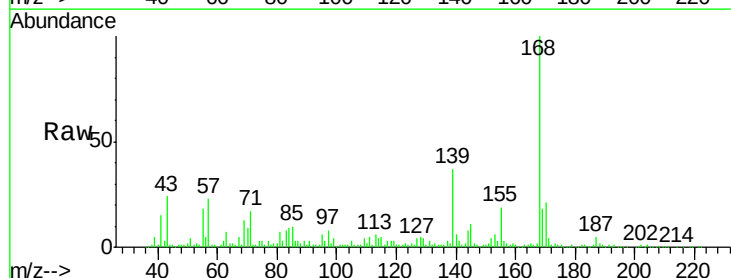
Tgt Ion:168 Resp: 221220

Ion Ratio Lower Upper

168 100

139 37.4 30.1 45.1

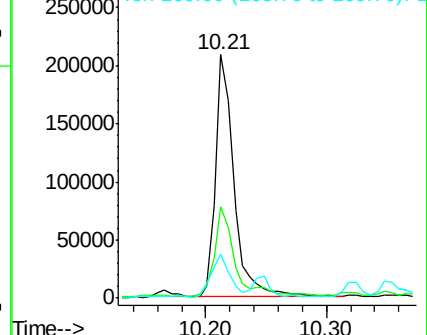
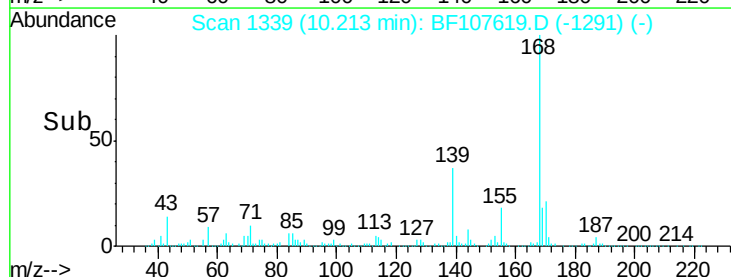
169 18.0 10.9 16.3#

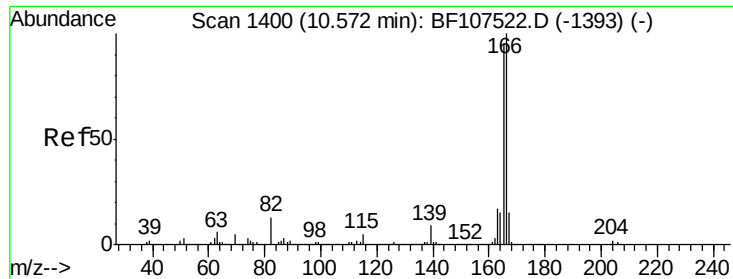


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

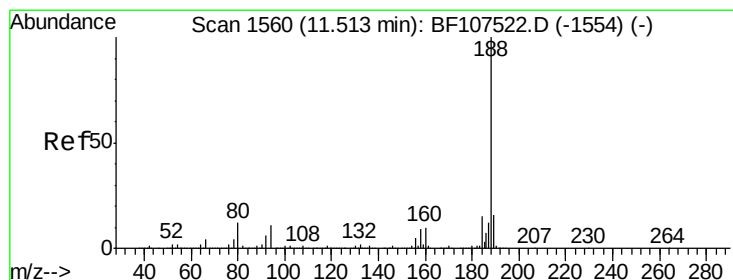
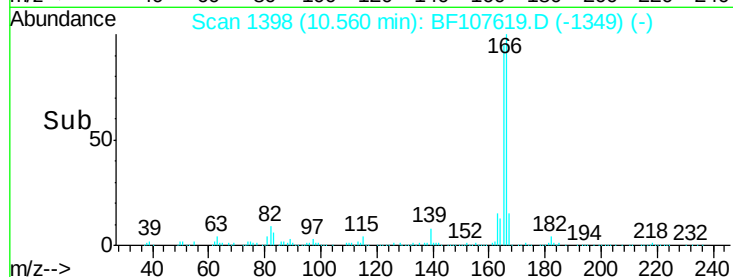
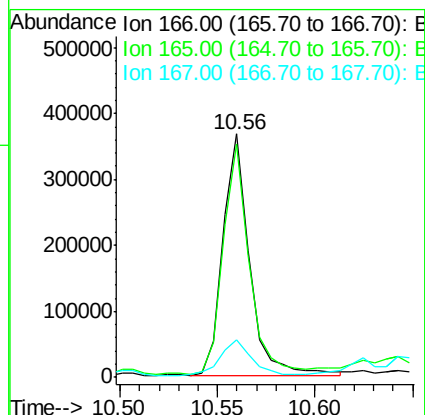
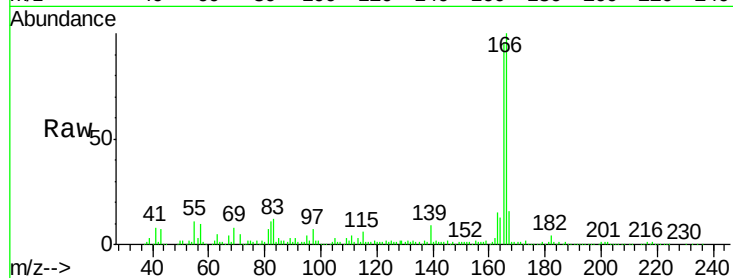




#57
 Fluorene
 Concen: 13.629 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

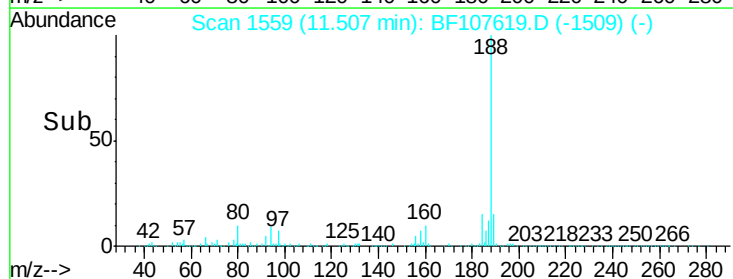
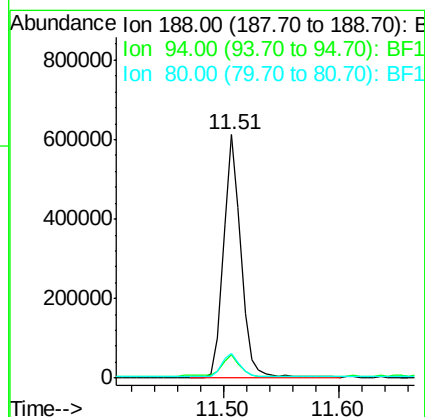
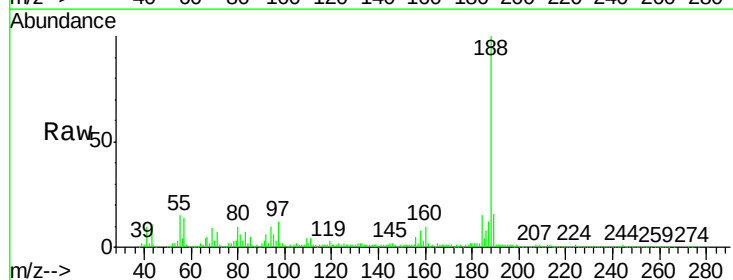
Instrument :
 BNA_F
 ClientSampleId :
 DW-6

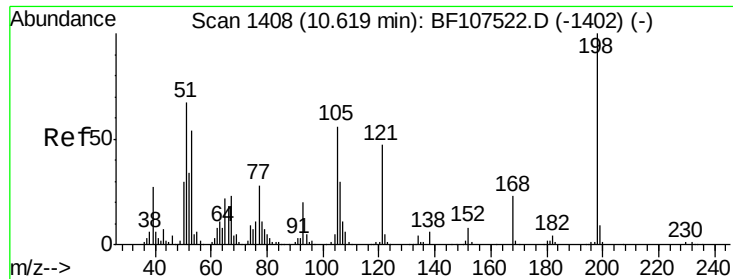
Tgt Ion:166 Resp: 351727
 Ion Ratio Lower Upper
 166 100
 165 95.7 79.8 119.8
 167 15.6 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

Tgt Ion:188 Resp: 637714
 Ion Ratio Lower Upper
 188 100
 94 9.9 8.5 12.7
 80 10.3 9.2 13.8

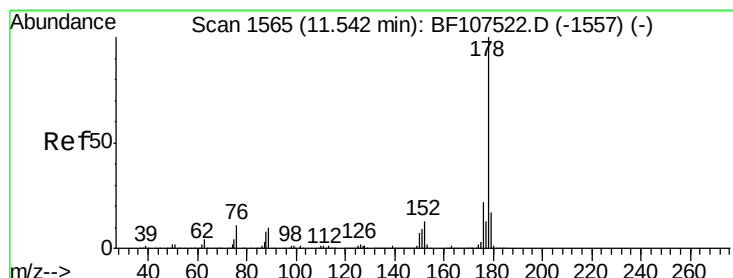
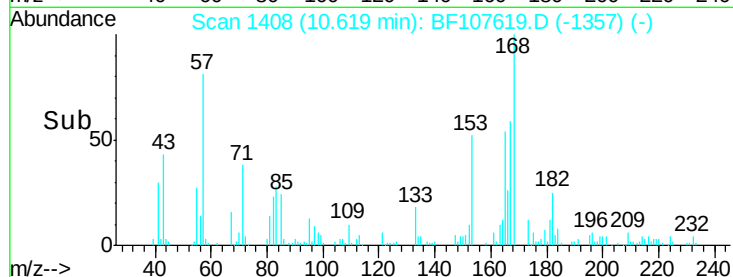
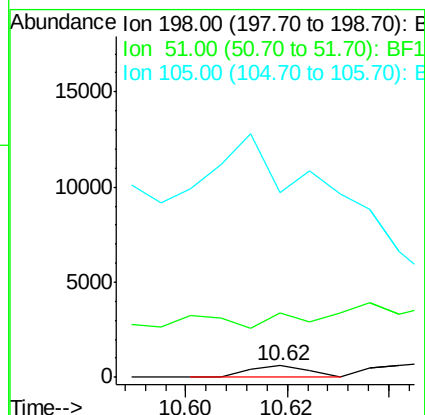
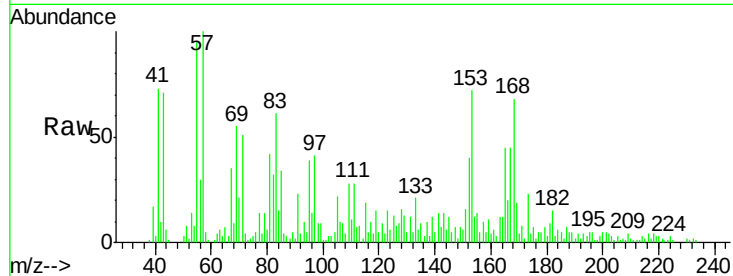




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.807 ng
 RT: 10.62 min Scan# 1408
 Delta R.T. 0.00 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

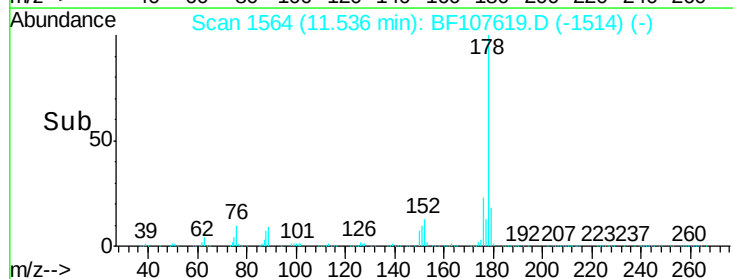
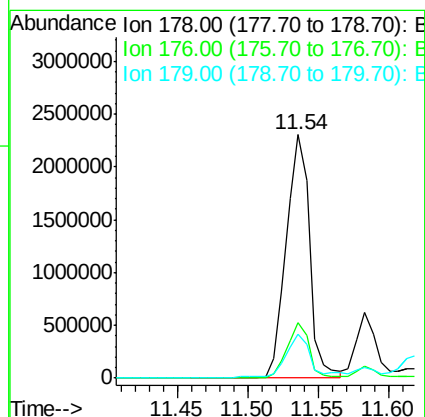
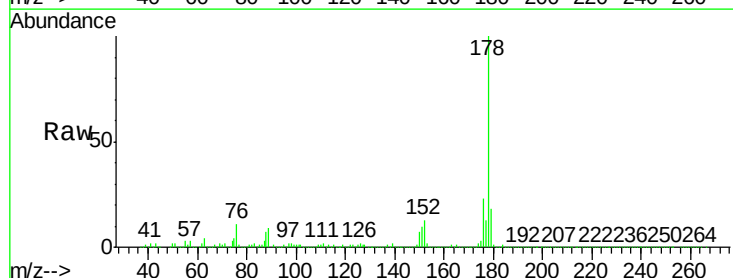
Instrument :
 BNA_F
 ClientSampled :
 DW-6

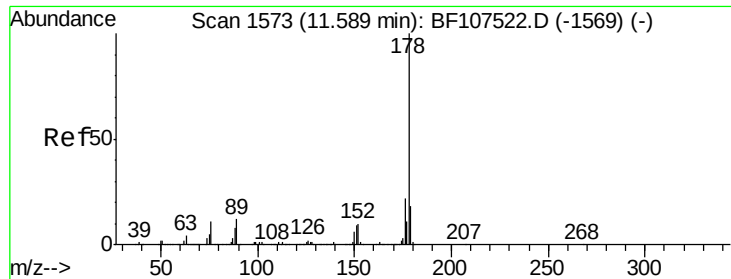
Tgt Ion:198 Resp: 476
 Ion Ratio Lower Upper
 198 100
 51 552.1 37.7 77.7#
 105 1576.4 36.3 76.3#



#70
 Phenanthrene
 Concen: 85.448 ng
 RT: 11.54 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

Tgt Ion:178 Resp: 2655376
 Ion Ratio Lower Upper
 178 100
 176 22.7 15.8 23.8
 179 18.3 13.0 19.6

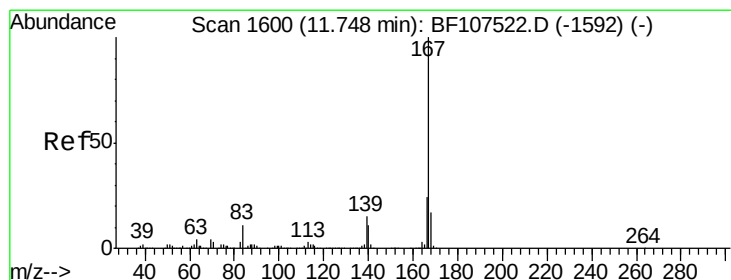
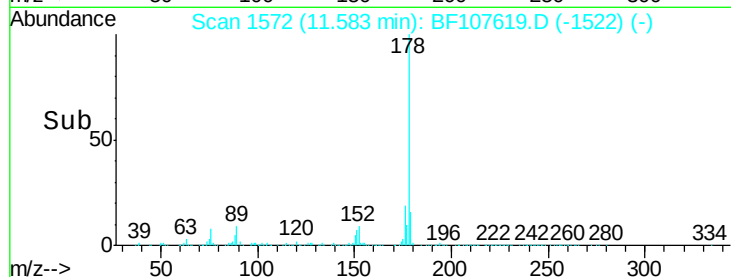
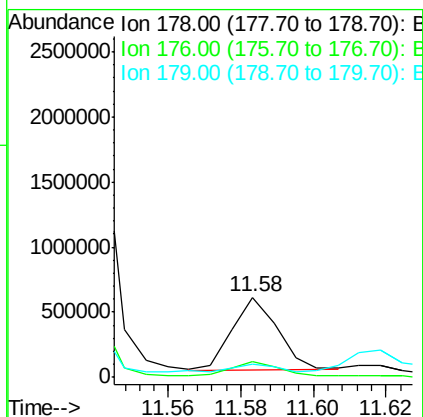
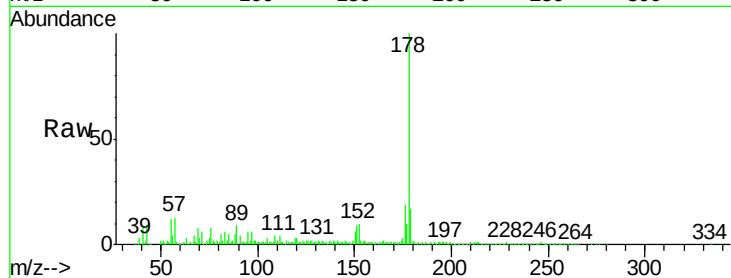




#71
 Anthracene
 Concen: 15.551 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

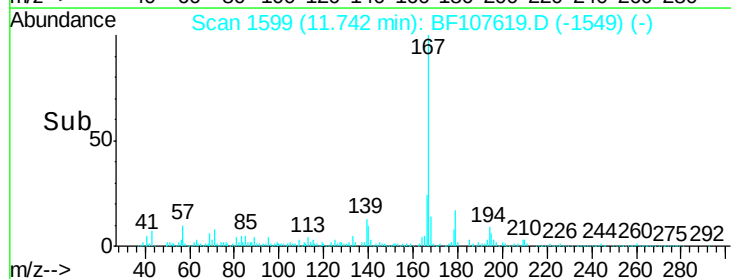
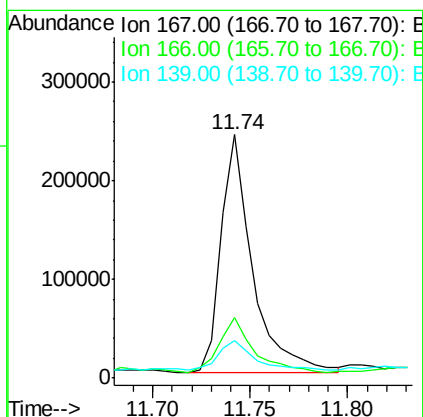
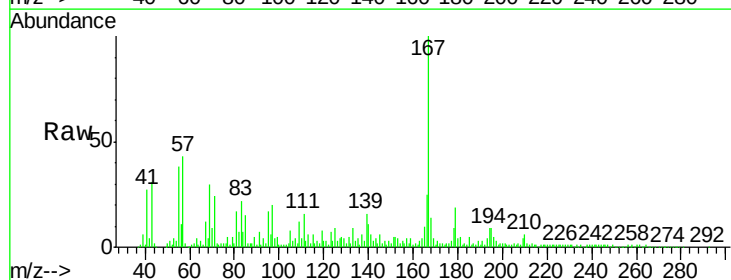
Instrument :
 BNA_F
 ClientSampleId :
 DW-6

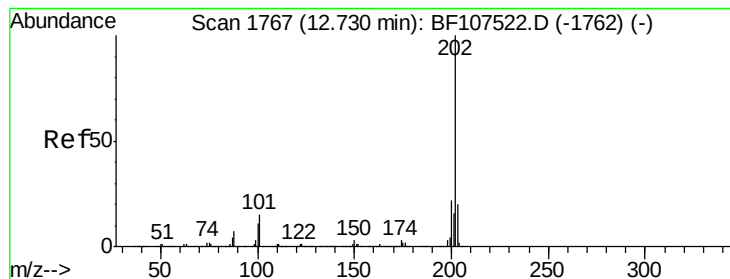
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	16.8	12.6	19.0



#72
 Carbazole
 Concen: 8.266 ng
 RT: 11.74 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BF107619.D
 Acq: 24 Jul 2018 15:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.6	26.4
139	15.5	10.9	16.3





#74

Fluoranthene

Concen: 121.435 ng

RT: 12.74 min Scan# 1769

Delta R.T. 0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

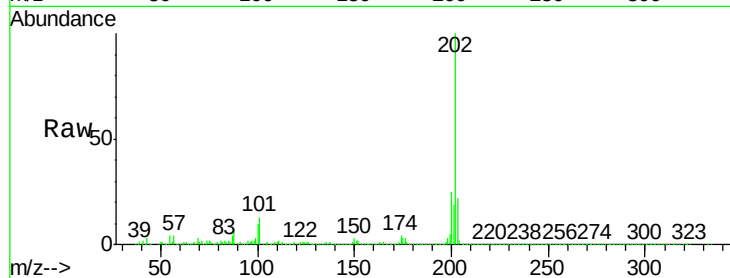
Tgt Ion:202 Resp: 4049492

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

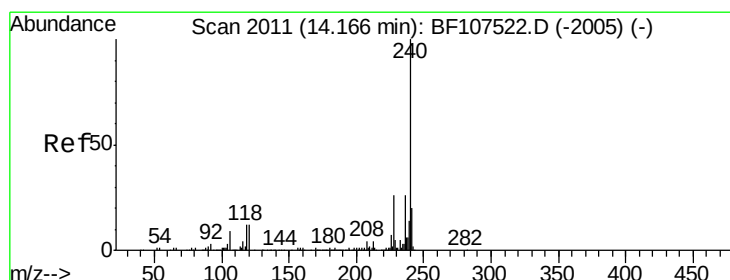
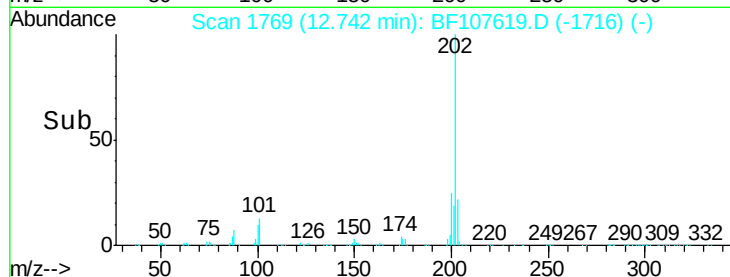
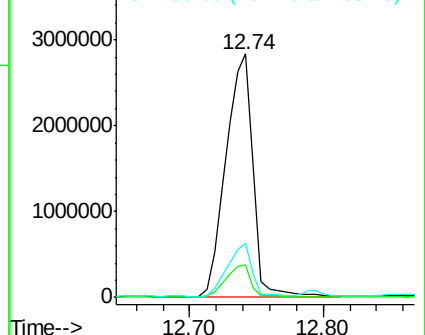
203 22.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

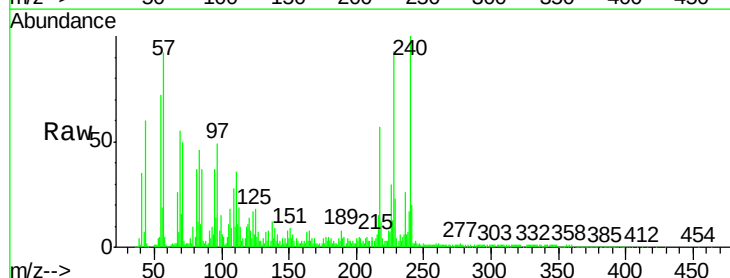
Tgt Ion:240 Resp: 392316

Ion Ratio Lower Upper

240 100

120 13.6 9.5 14.3

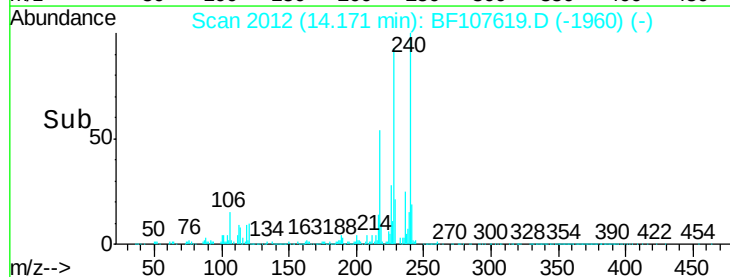
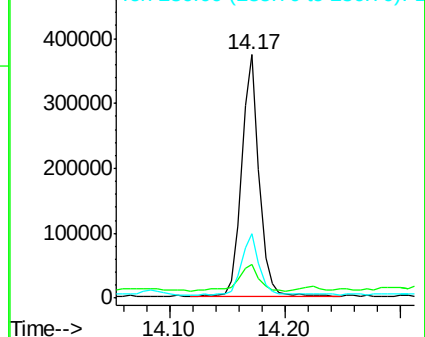
236 26.4 20.7 31.1

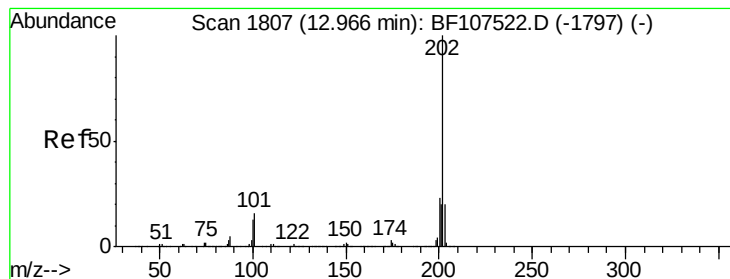


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 121.920 ng

RT: 12.97 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

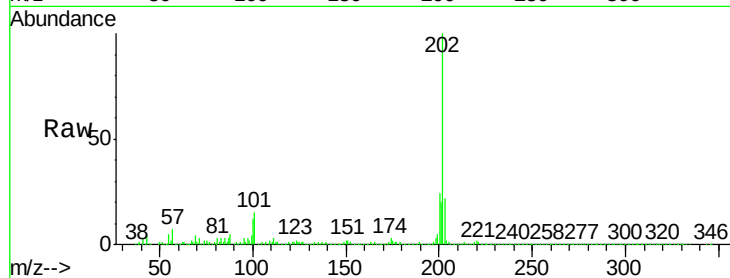
Tgt Ion:202 Resp: 3271700

Ion Ratio Lower Upper

202 100

200 23.8 17.4 26.2

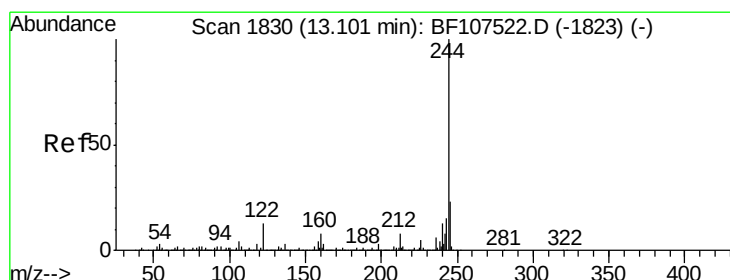
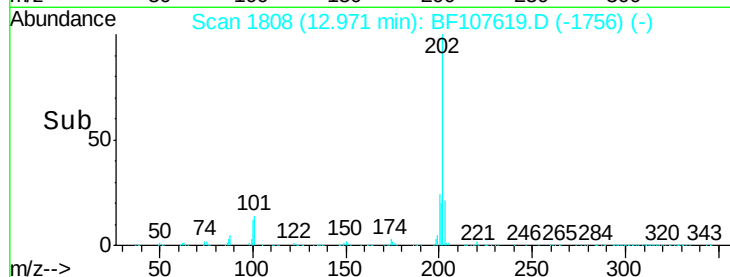
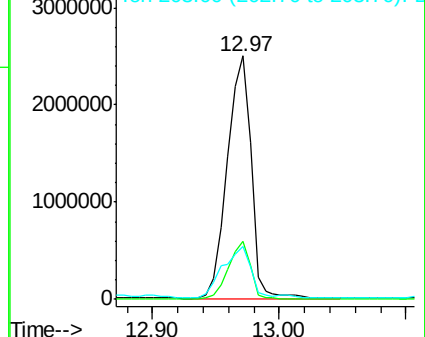
203 21.6 14.3 21.5#



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: 34.910 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

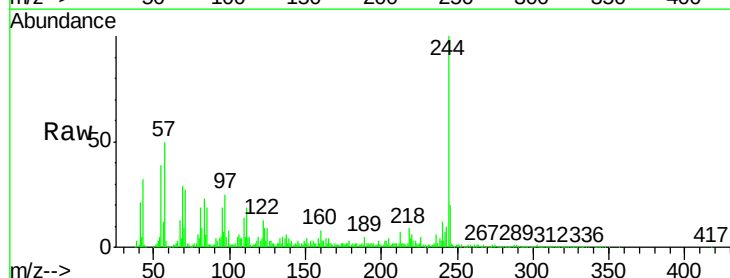
Tgt Ion:244 Resp: 534971

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

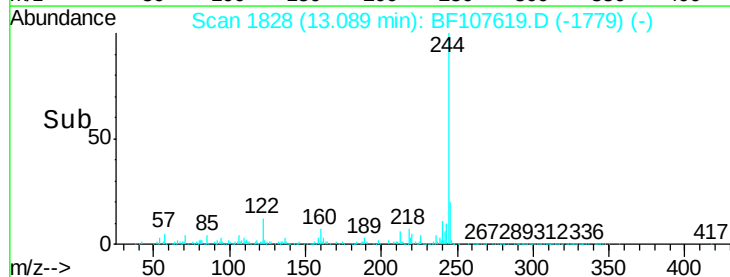
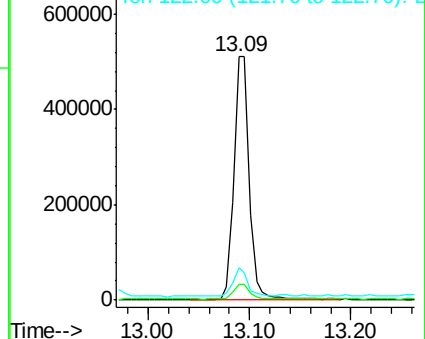
122 13.3 11.0 16.4

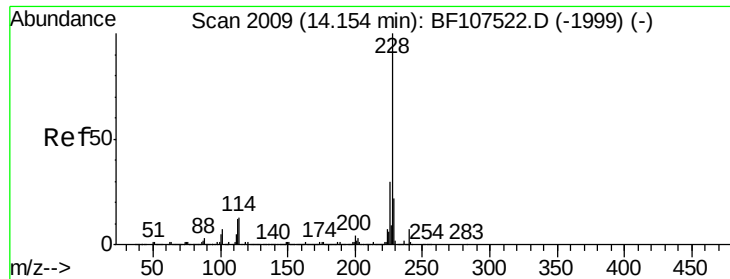


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 60.144 ng

RT: 14.16 min Scan# 2010

Delta R.T. 0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

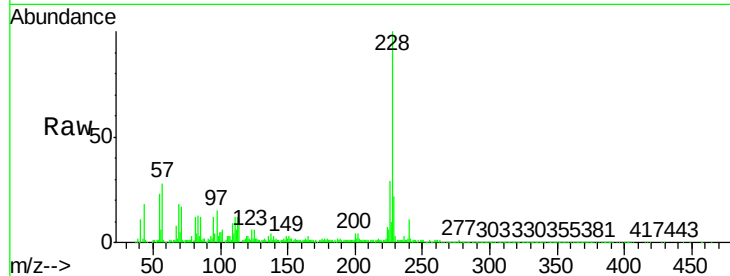
Tgt Ion:228 Resp: 1382742

Ion Ratio Lower Upper

228 100

226 29.1 22.6 33.8

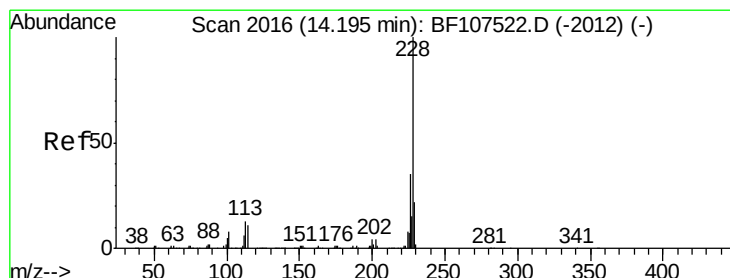
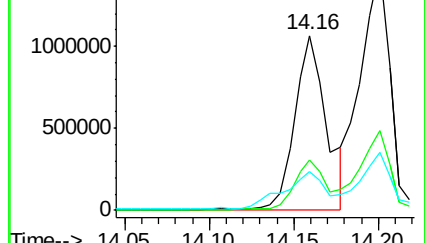
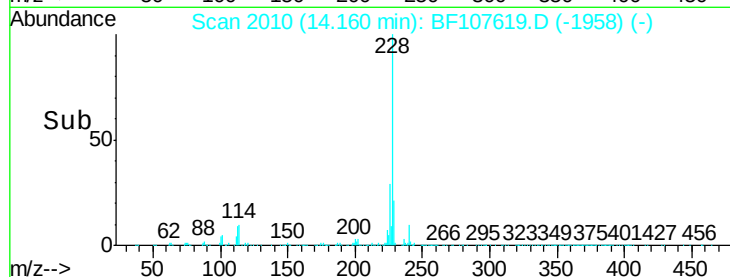
229 22.1 15.8 23.6



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: 81.597 ng

RT: 14.20 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

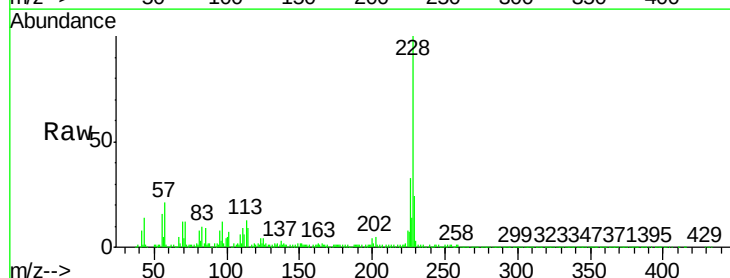
Tgt Ion:228 Resp: 1802040

Ion Ratio Lower Upper

228 100

226 32.7 25.0 37.6

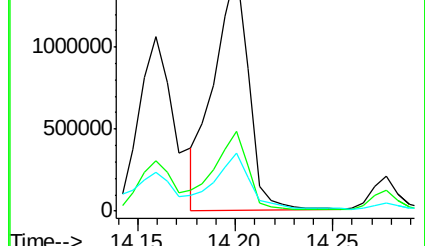
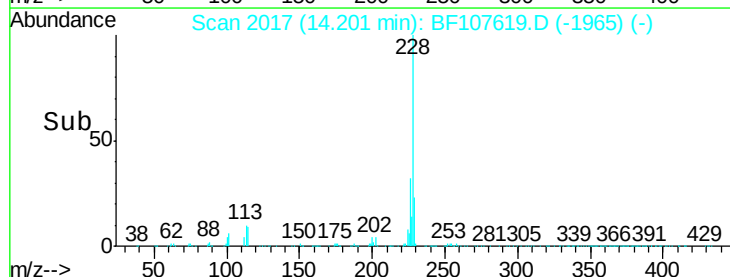
229 23.8 16.2 24.4

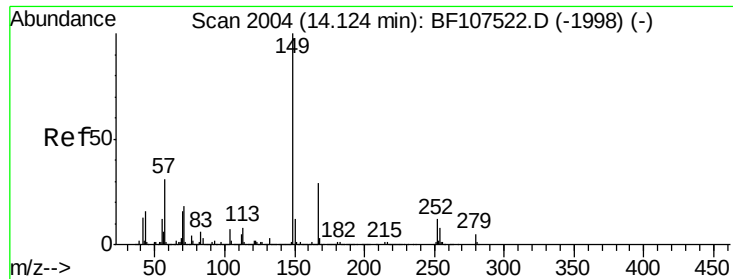


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.501 ng

RT: 14.12 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

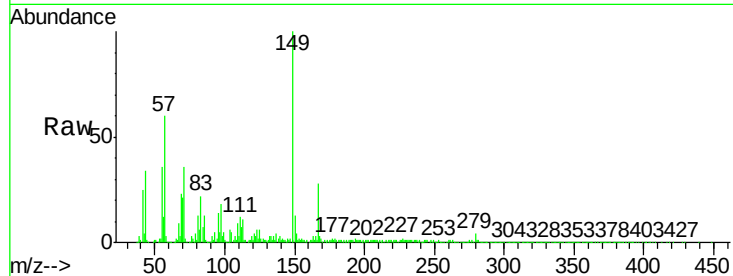
Tgt Ion:149 Resp: 903744

Ion Ratio Lower Upper

149 100

167 27.8 21.3 31.9

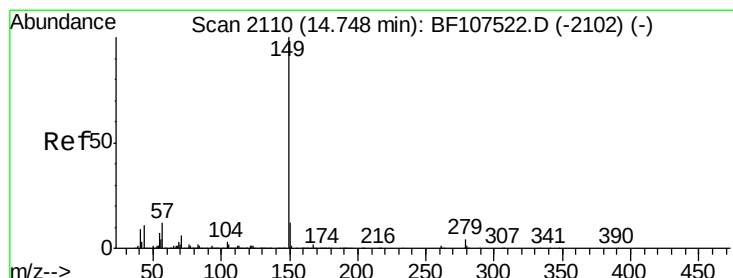
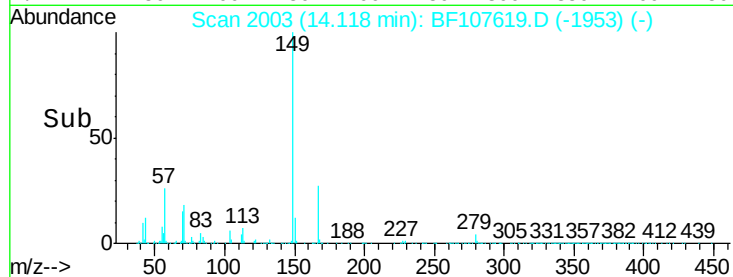
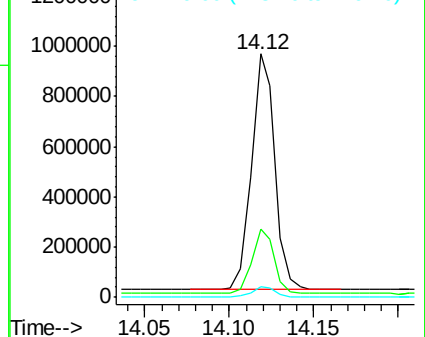
279 4.1 3.0 4.4



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



#84

Di-n-octyl phthalate

Concen: 3.100 ng

RT: 14.75 min Scan# 2110

Delta R.T. -0.00 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

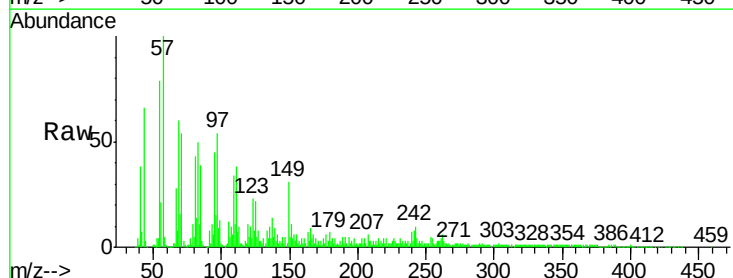
Tgt Ion:149 Resp: 78469

Ion Ratio Lower Upper

149 100

167 7.6 1.2 1.8#

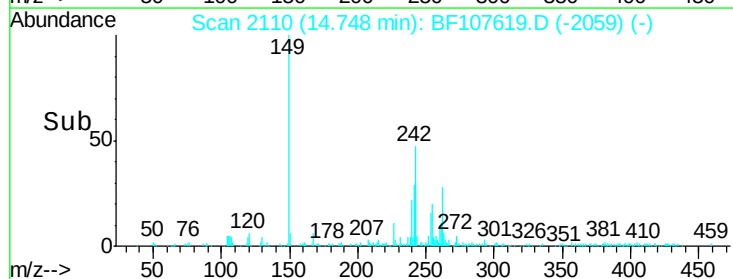
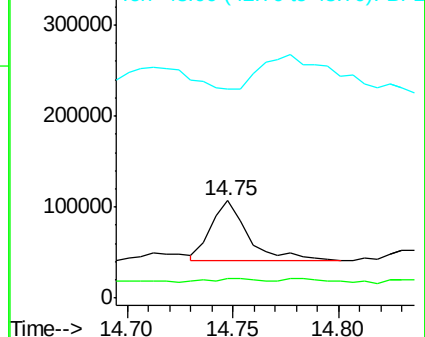
43 0.0 8.4 12.6#

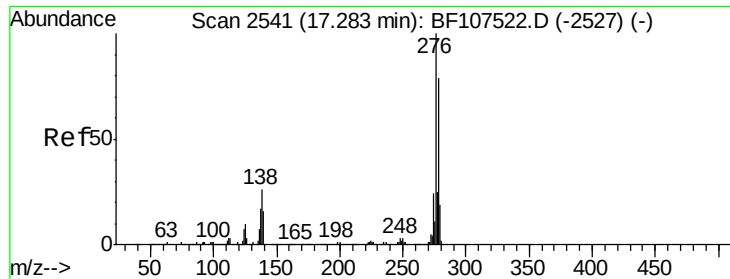


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 52.470 ng

RT: 17.31 min Scan# 2546

Delta R.T. 0.03 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampled :

DW-6

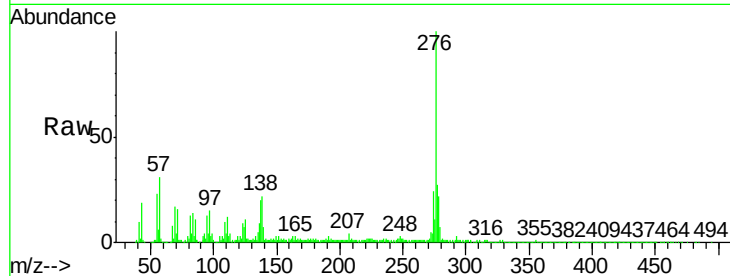
Tgt Ion:276 Resp: 982102

Ion Ratio Lower Upper

276 100

138 19.4 25.0 37.6#

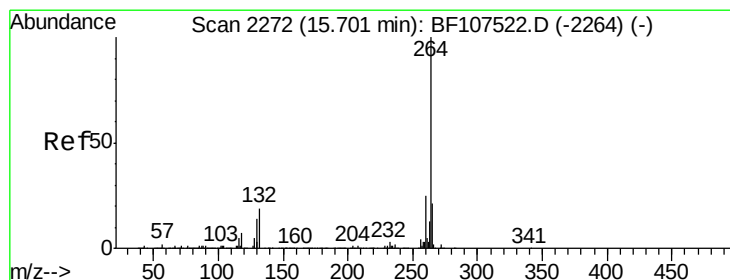
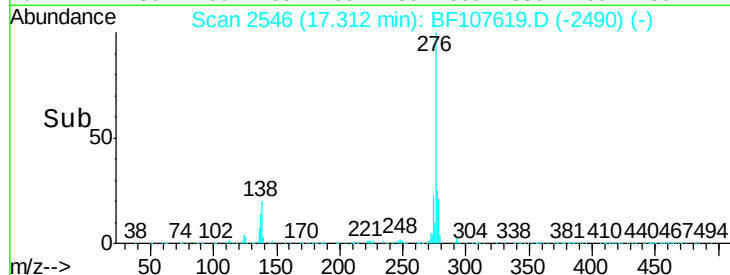
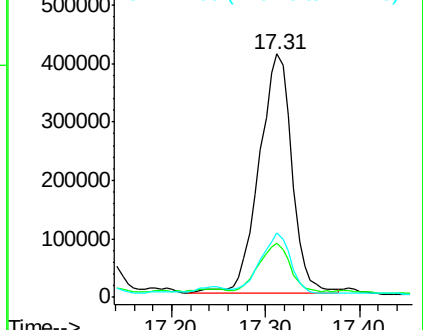
277 23.7 20.1 30.1



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: 15.72 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

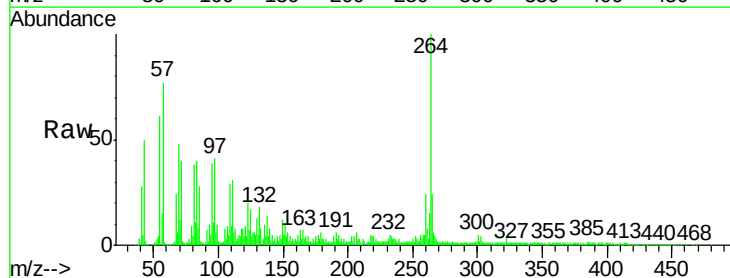
Tgt Ion:264 Resp: 415985

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

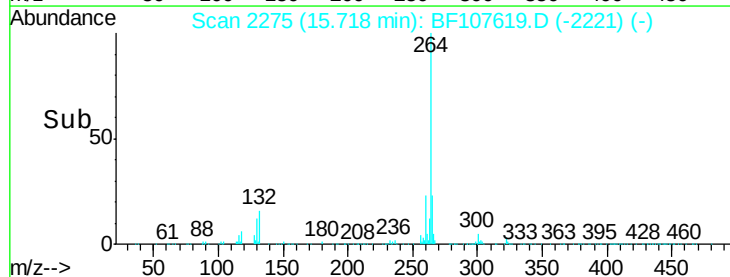
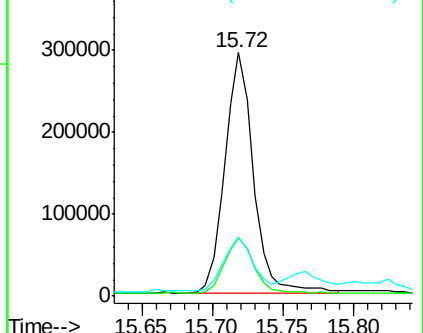
265 24.4 17.5 26.3

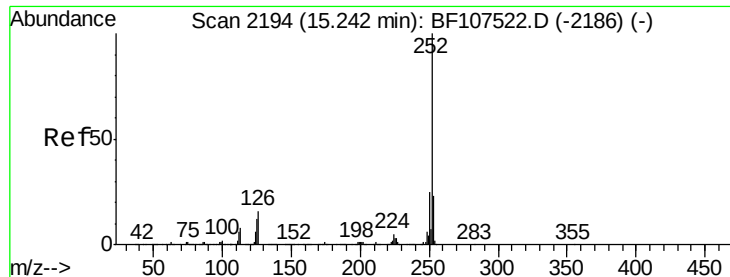


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 132.332 ng

RT: 15.27 min Scan# 2198

Delta R.T. 0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

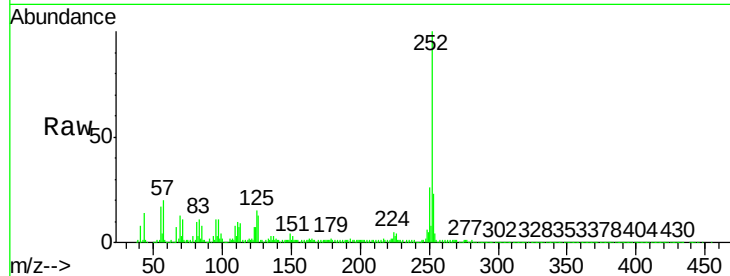
Tgt Ion:252 Resp: 3012727

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.6

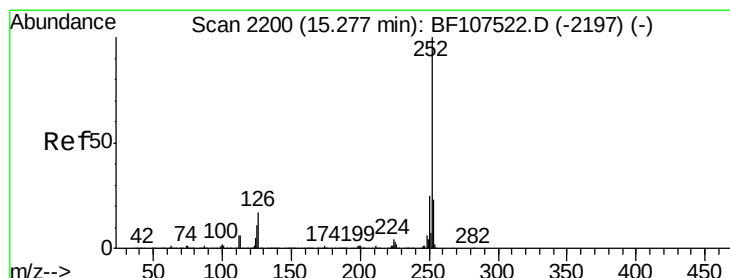
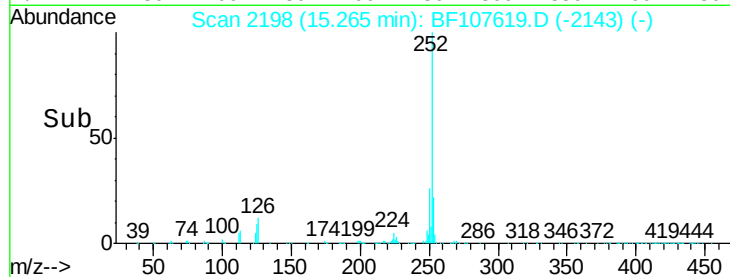
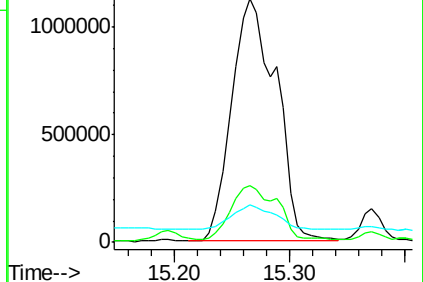
125 15.3 9.0 13.6#



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: 135.071 ng

RT: 15.27 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

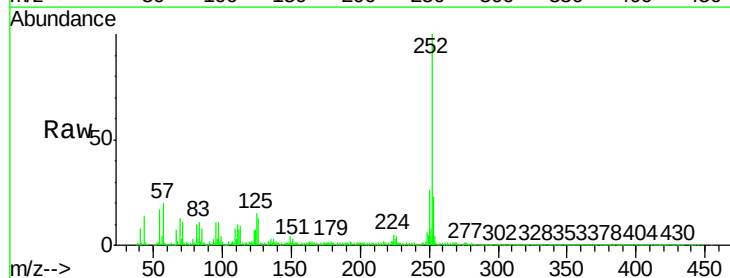
Tgt Ion:252 Resp: 3012727

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

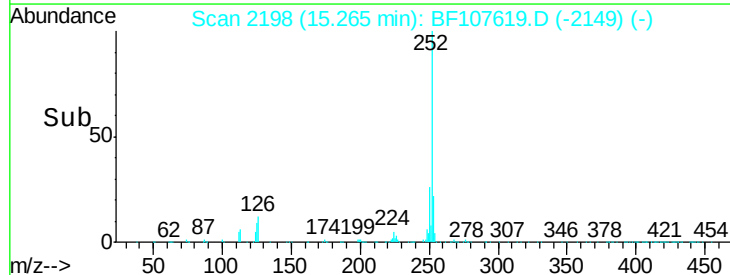
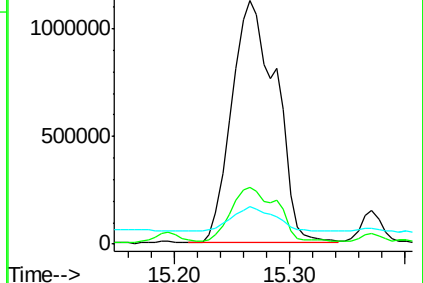
125 15.3 10.2 15.2#

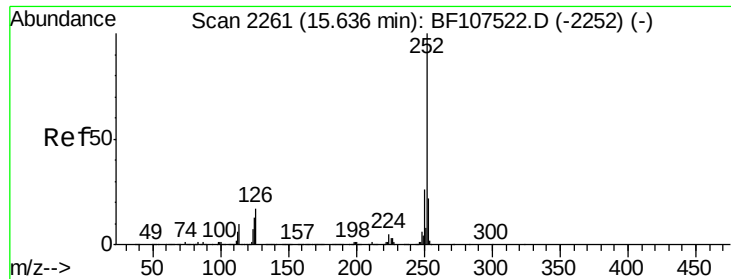


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 57.178 ng

RT: 15.66 min Scan# 2265

Delta R.T. 0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

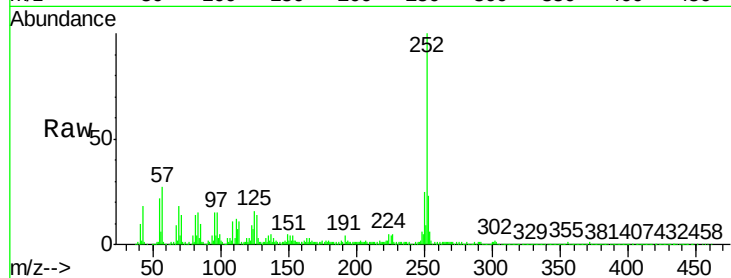
Tgt Ion:252 Resp: 1190736

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

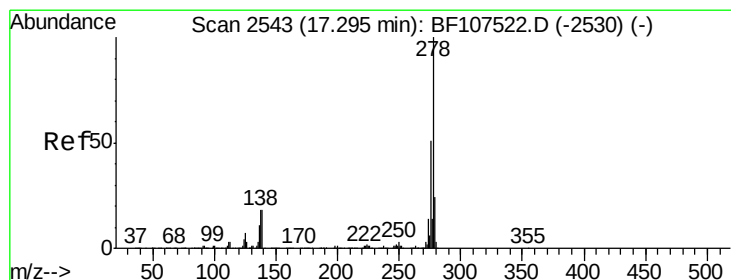
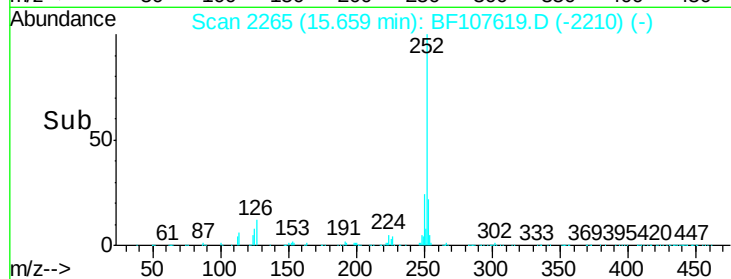
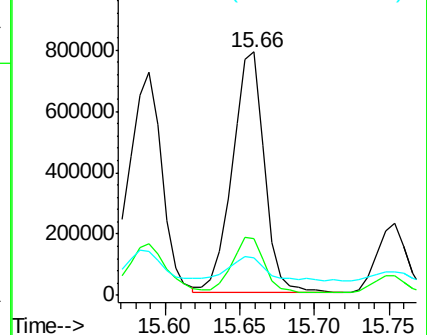
125 15.5 9.8 14.6#



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



#90

Dibenzo(a,h)anthracene

Concen: 10.794 ng

RT: 17.32 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

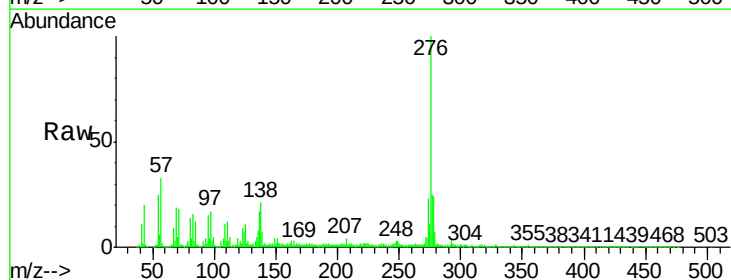
Tgt Ion:278 Resp: 194304

Ion Ratio Lower Upper

278 100

139 30.2 15.9 23.9#

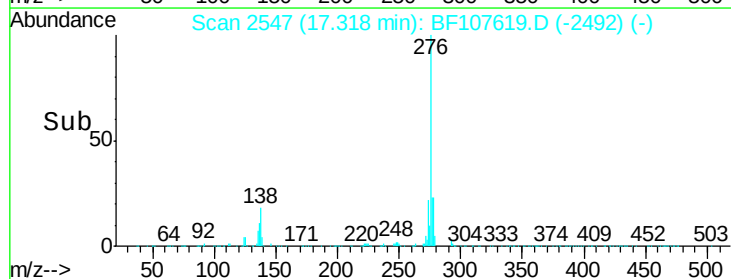
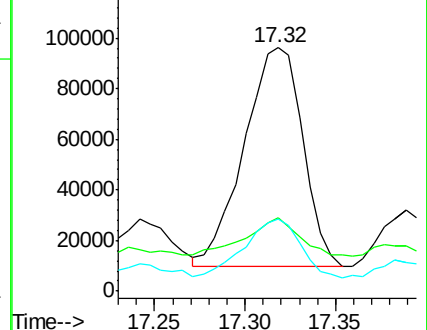
279 29.8 19.0 28.4#

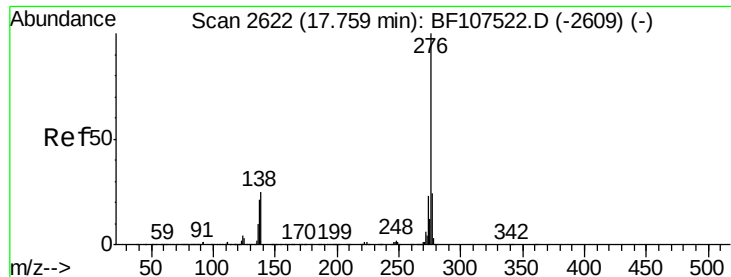


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 52.493 ng

RT: 17.80 min Scan# 2629

Delta R.T. 0.04 min

Lab File: BF107619.D

Acq: 24 Jul 2018 15:24

Instrument :

BNA_F

ClientSampleId :

DW-6

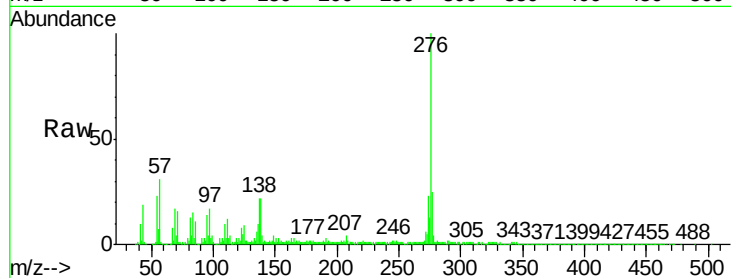
Tgt Ion: 276 Resp: 932103

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 22.2 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

