

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107449.D
 Acq On : 17 Jul 2018 15:10
 Operator : JU/SJ
 Sample : J3829-05 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-01-071318-C

Quant Time: Jul 17 18:06:47 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	144731	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	549073	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	273609	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	511162	20.00	ng	0.00
75) Chrysene-d12	14.18	240	362326	20.00	ng	0.00
86) Perylene-d12	15.72	264	282246	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	364165	38.21	ng	0.00
7) Phenol-d6	6.61	99	482963	39.20	ng	0.00
23) Nitrobenzene-d5	7.54	82	327393	31.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	103513	43.06	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	581904	28.22	ng	0.00
78) Terphenyl-d14	13.11	244	501979	34.42	ng	0.00

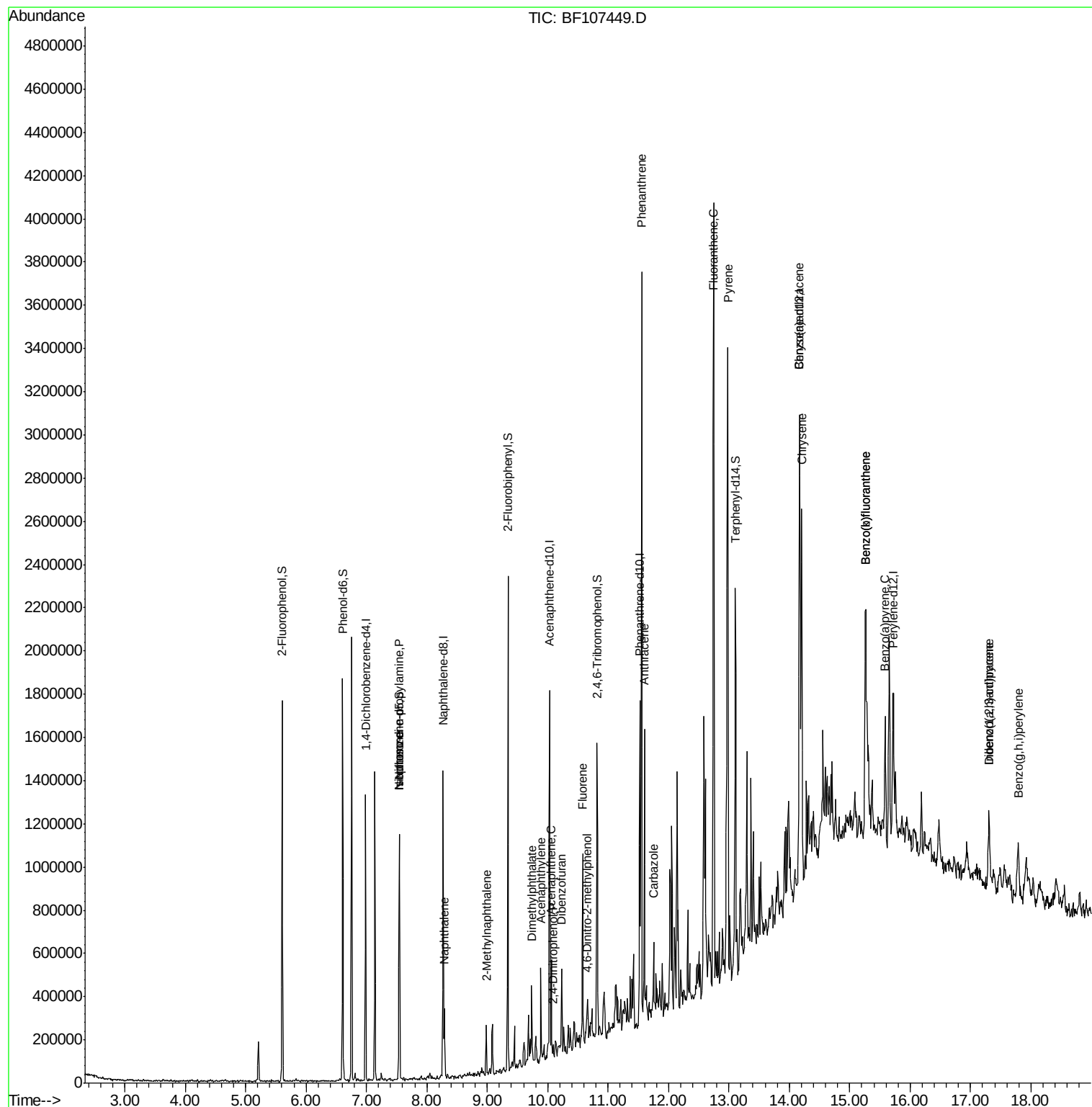
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.54	70	53913	6.111	ng	# 77
25) Isophorone	7.54	82	327135	16.028	ng	# 64
31) Naphthalene	8.29	128	94435	3.541	ng	# 97
37) 2-Methylnaphthalene	8.98	142	45331	2.579	ng	# 85
48) Acenaphthylene	9.89	152	131991	5.062	ng	# 95
49) Dimethylphthalate	9.74	163	111355	5.122	ng	# 96
51) Acenaphthene	10.06	154	75647	4.376	ng	# 98
53) 2,4-Dinitrophenol	10.08	184	236	2.484	ng	# 26
54) Dibenzofuran	10.24	168	118473	4.435	ng	# 95
57) Fluorene	10.58	166	180927	10.227	ng	# 96
64) 4,6-Dinitro-2-methylphenol	10.65	198	311	7.585	ng	# 1
70) Phenanthrene	11.55	178	1188139	46.641	ng	# 97
71) Anthracene	11.60	178	462355	18.223	ng	# 97
72) Carbazole	11.75	167	96504	4.017	ng	# 86
74) Fluoranthene	12.75	202	1517382	52.407	ng	# 94
77) Pyrene	12.98	202	1377294	55.899	ng	# 99
80) Benzo(a)anthracene	14.17	228	789785	35.625	ng	# 95
82) Chrysene	14.21	228	684296	32.313	ng	# 99
85) Indeno(1,2,3-cd)pyrene	17.31	276	223598	14.833	ng	# 88
87) Benzo(b)fluoranthene	15.26	252	959244	58.065	ng	# 95
88) Benzo(k)fluoranthene	15.26	252	959244	59.498	ng	# 96
89) Benzo(a)pyrene	15.59	252	319194	21.051	ng	# 98
90) Dibenzo(a,h)anthracene	17.31	278	58018	5.070	ng	# 95
91) Benzo(g,h,i)perylene	17.79	276	212340	18.261	ng	# 95

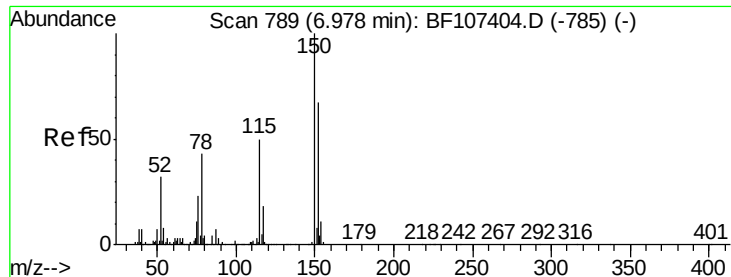
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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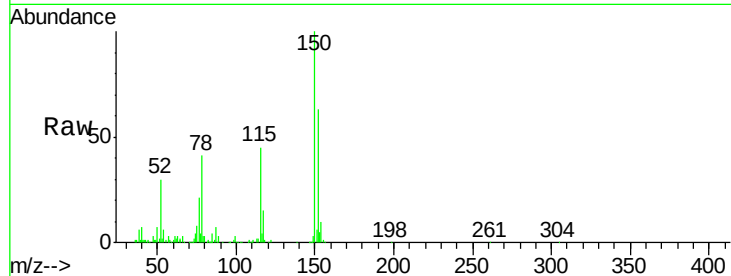


#1

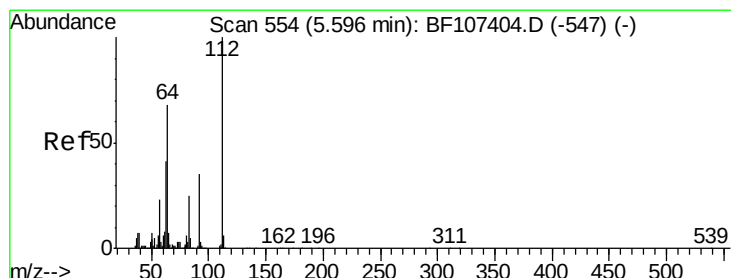
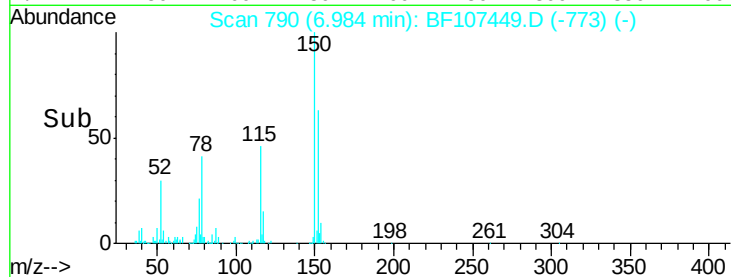
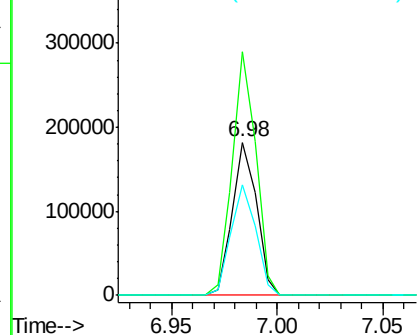
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-C

Tgt Ion	Ratio	Lower	Upper
152	100		
150	159.2	124.6	186.8
115	72.4	50.1	75.1



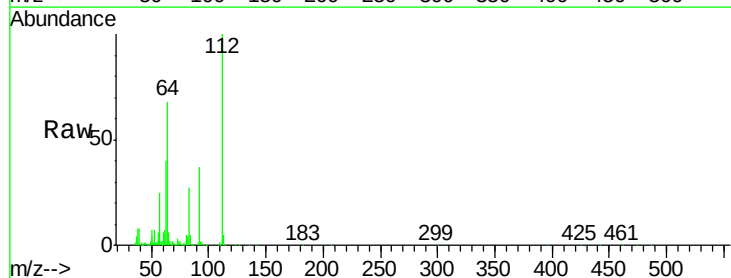
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



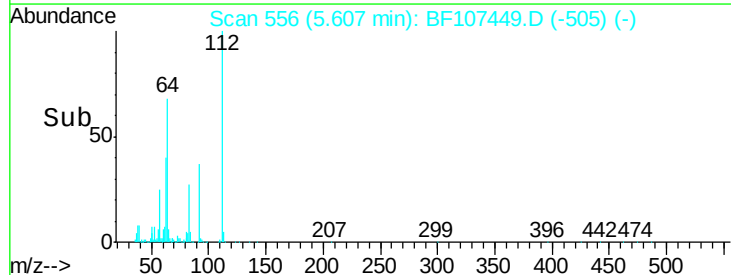
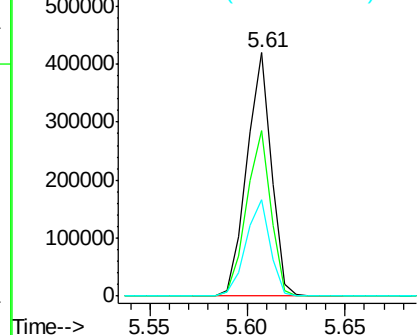
#5

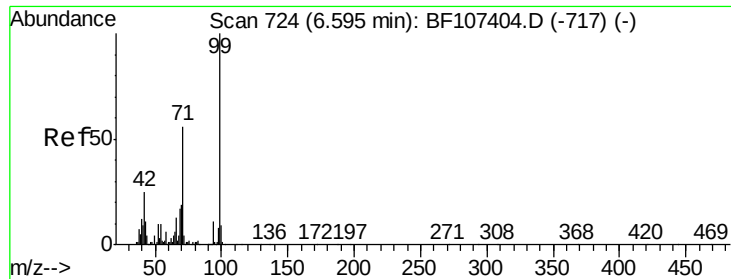
2-Fluorophenol
Concen: 38.214 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.00 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.9	47.9	71.9
63	39.5	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: 39.199 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

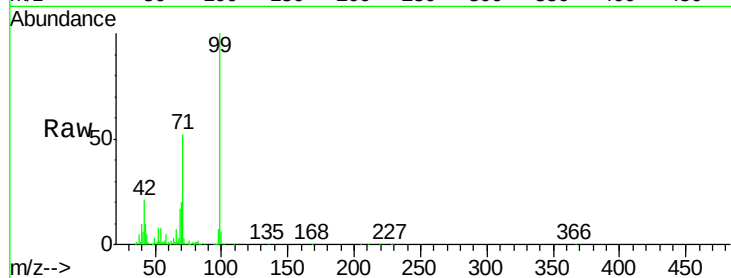
Tgt Ion: 99 Resp: 482963

Ion Ratio Lower Upper

99 100

42 21.3 14.5 21.7

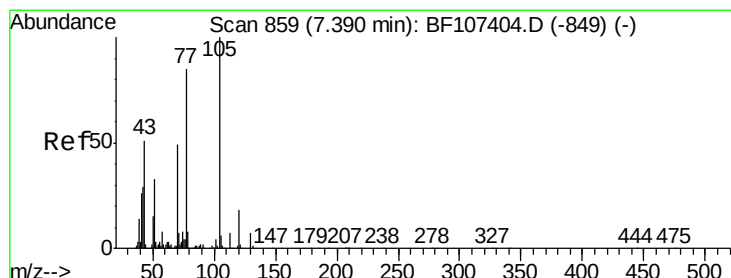
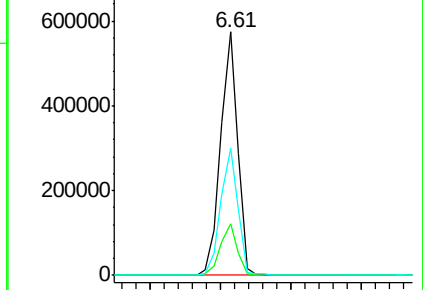
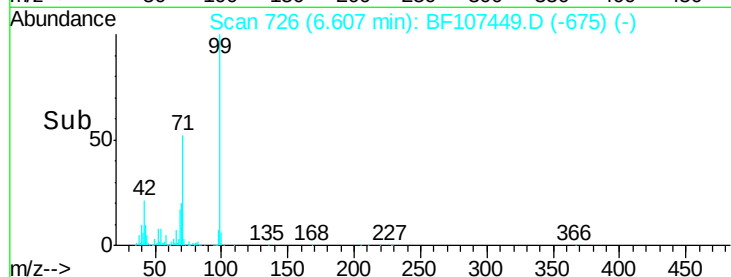
71 52.4 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 6.111 ng

RT: 7.54 min Scan# 885

Delta R.T. 0.15 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Tgt Ion: 70 Resp: 53913

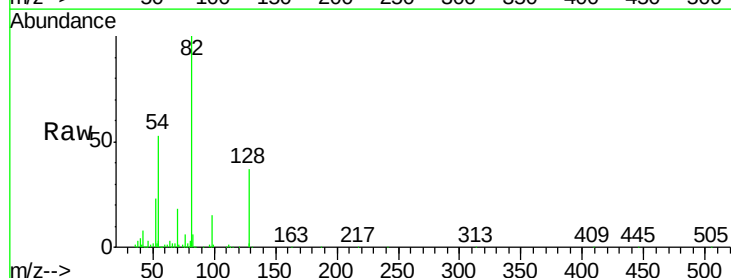
Ion Ratio Lower Upper

70 100

42 46.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#

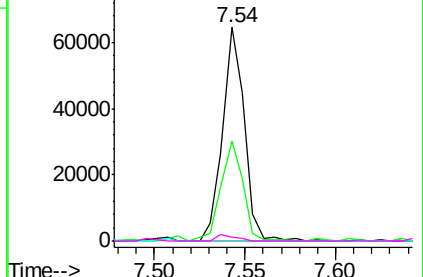
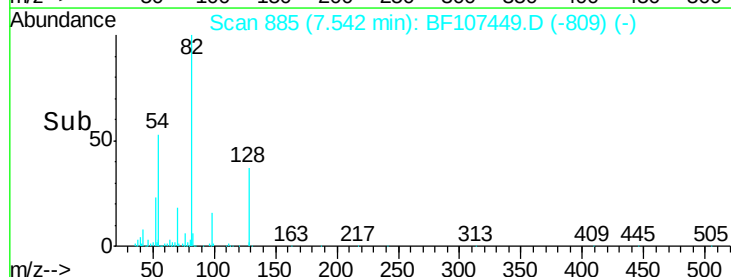


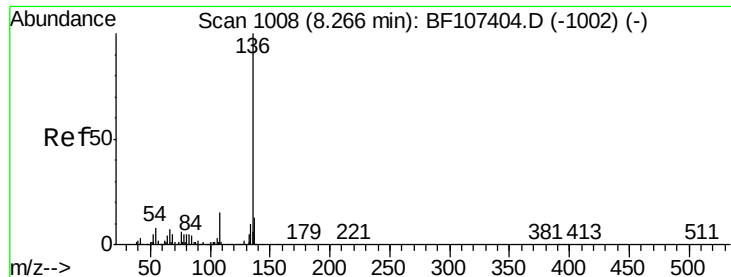
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

Tgt Ion: 136 Resp: 549073

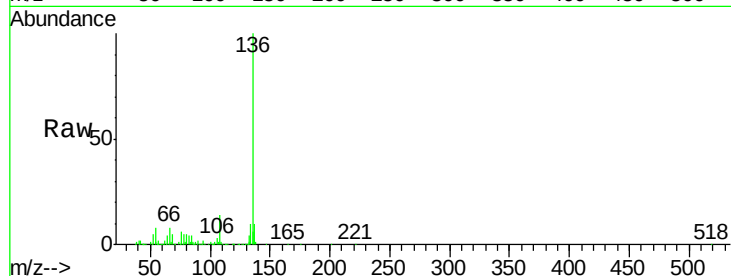
Ion Ratio Lower Upper

136 100

137 9.8 8.9 13.3

54 7.7 6.6 9.8

68 5.5 5.0 7.4

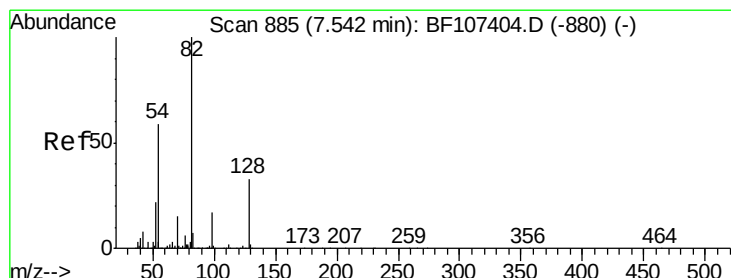
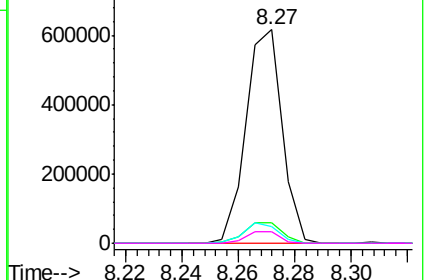
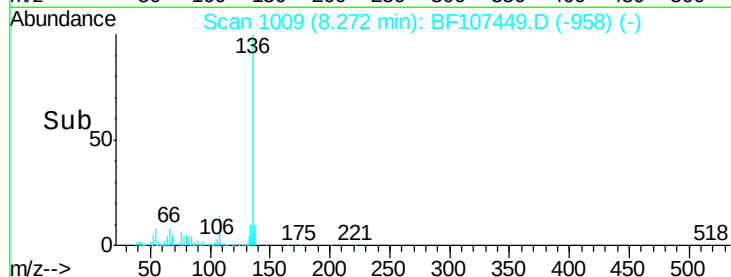


Abundance Ion 136.00 (135.70 to 136.70): E

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: 31.795 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

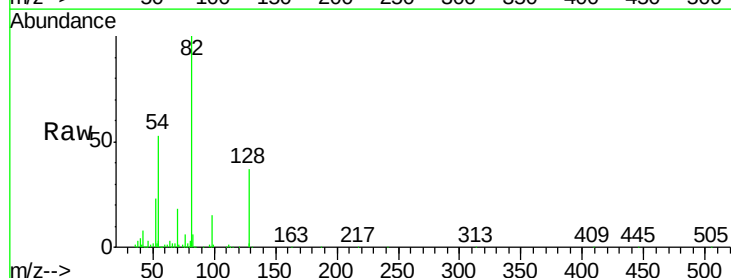
Tgt Ion: 82 Resp: 327393

Ion Ratio Lower Upper

82 100

128 37.1 36.1 54.1

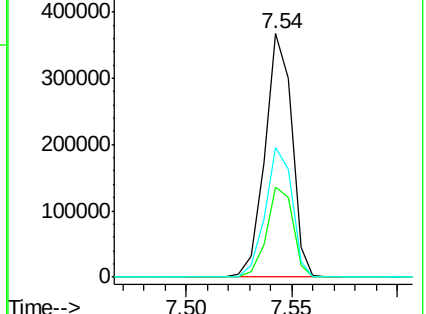
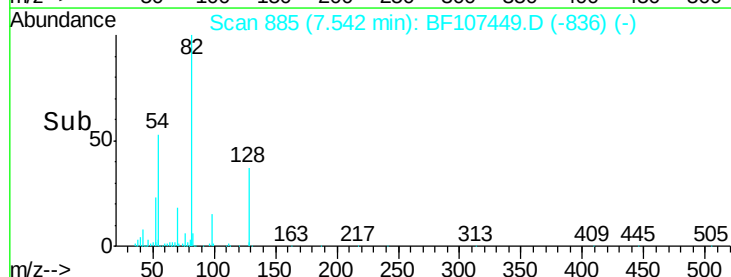
54 53.3 41.4 62.2

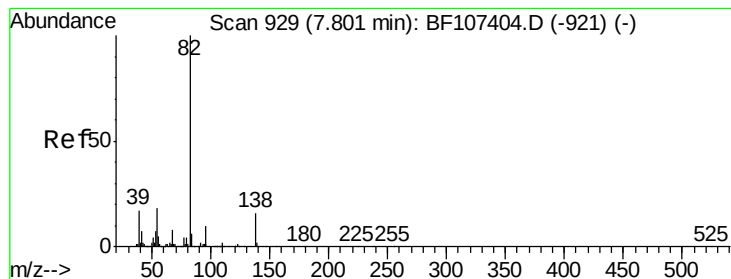


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 16.028 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

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PL-01-071318-C

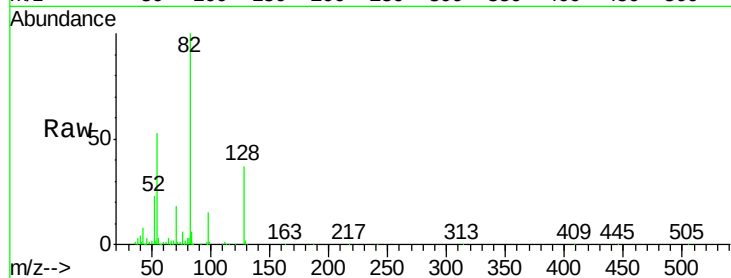
Tgt Ion: 82 Resp: 327135

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

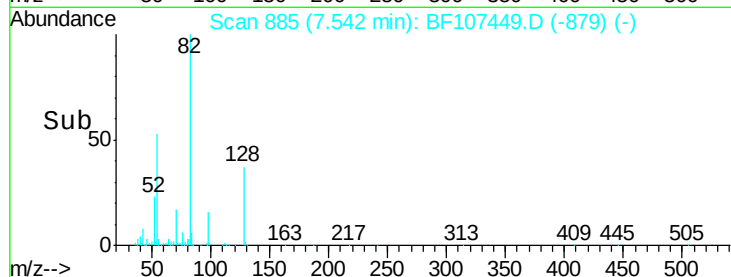


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



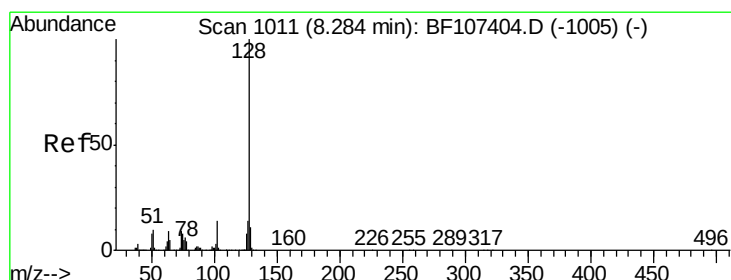
Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

Time-->



#31

Naphthalene

Concen: 3.541 ng

RT: 8.29 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

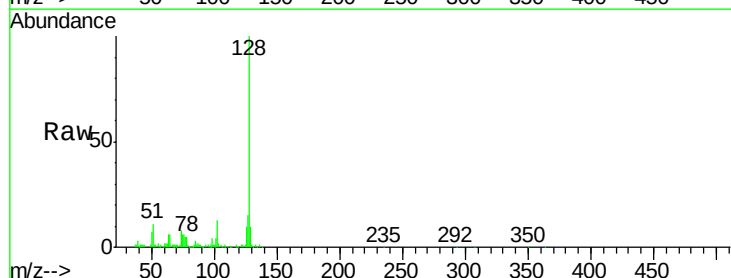
Tgt Ion: 128 Resp: 94435

Ion Ratio Lower Upper

128 100

129 9.8 8.8 13.2

127 14.6 10.9 16.3

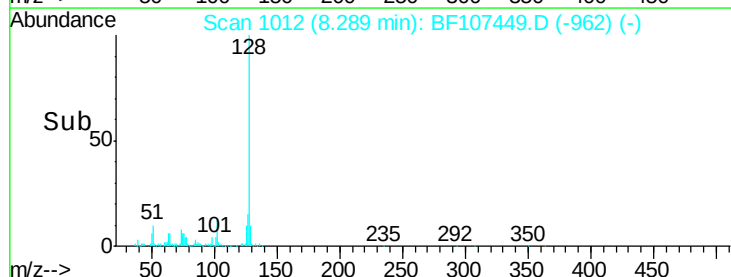


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

Time-->



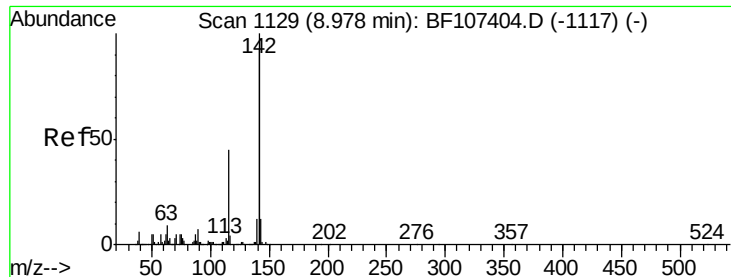
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

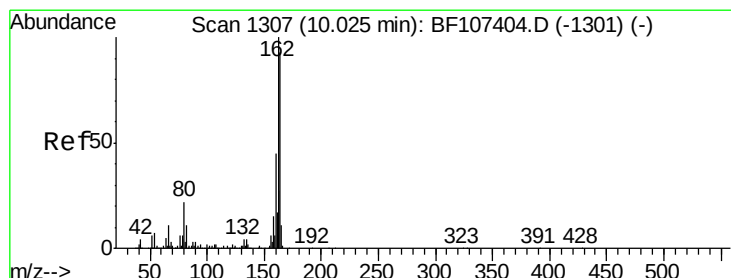
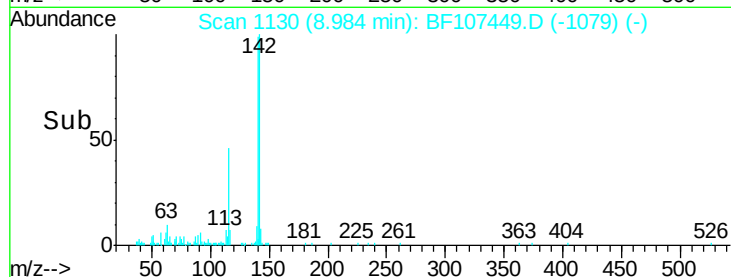
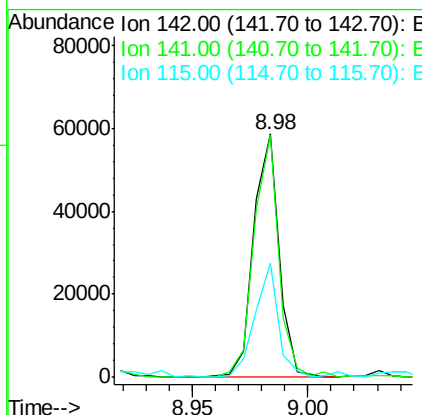
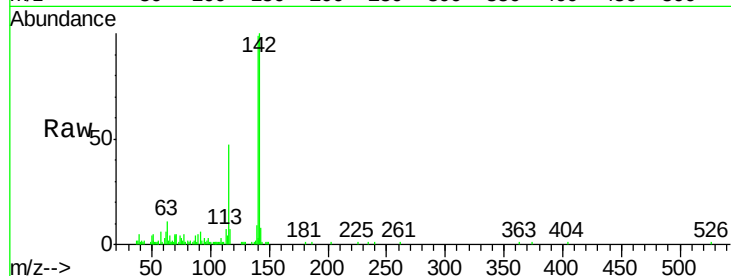
Time-->



#37
 2-Methylnaphthalene
 Concen: 2.579 ng
 RT: 8.98 min Scan# 1130
 Delta R.T. 0.00 min
 Lab File: BF107449.D
 Acq: 17 Jul 2018 15:10

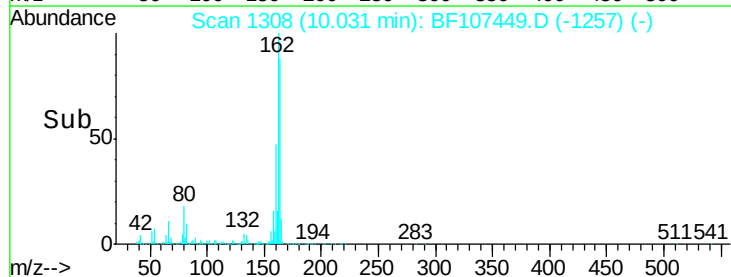
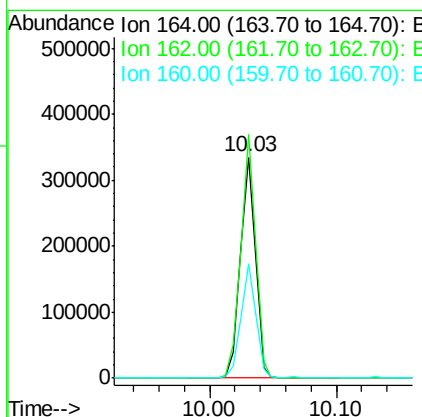
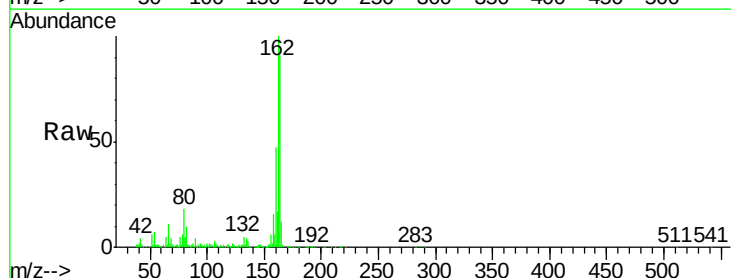
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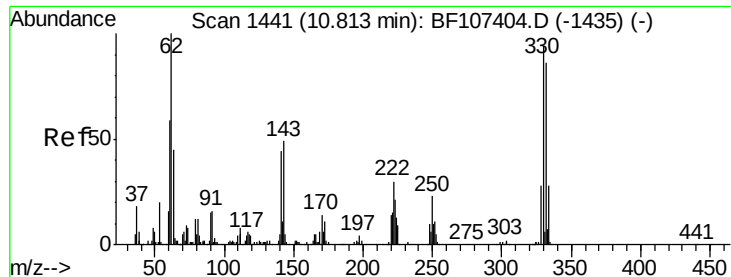
Tgt Ion:142 Resp: 45331
 Ion Ratio Lower Upper
 142 100
 141 99.3 70.8 106.2
 115 46.8 26.1 39.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF107449.D
 Acq: 17 Jul 2018 15:10

Tgt Ion:164 Resp: 273609
 Ion Ratio Lower Upper
 164 100
 162 110.4 86.1 129.1
 160 51.6 38.3 57.5

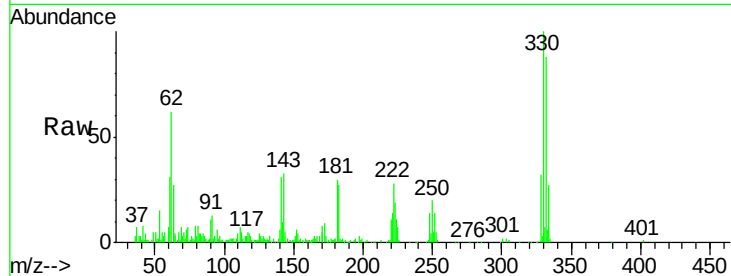




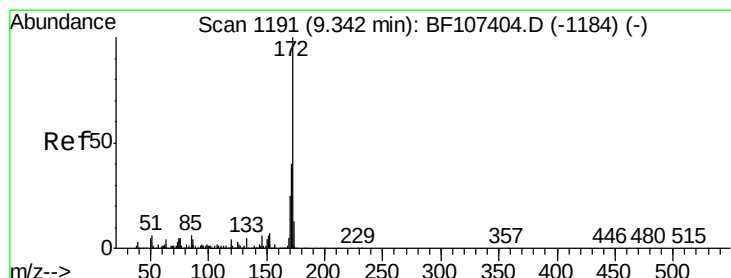
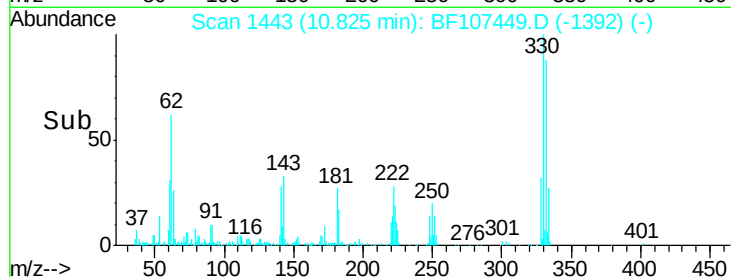
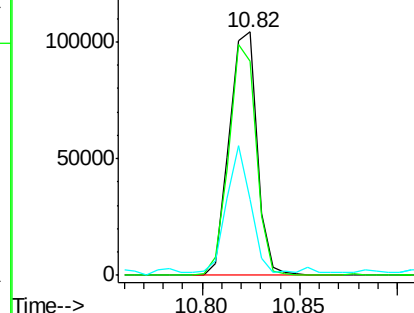
#41
2,4,6-Tribromophenol
Concen: 43.059 ng
RT: 10.82 min Scan# 1443
Delta R.T. 0.00 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Instrument :
BNA_F
ClientSampleId :
PL-01-071318-C

Tgt Ion: 330 Resp: 103513
Ion Ratio Lower Upper
330 100
332 93.1 77.0 115.6
141 44.7 29.9 44.9

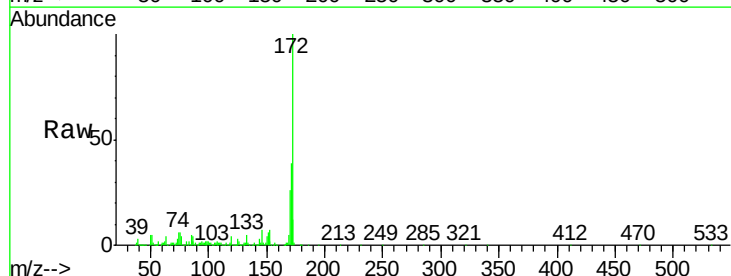


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

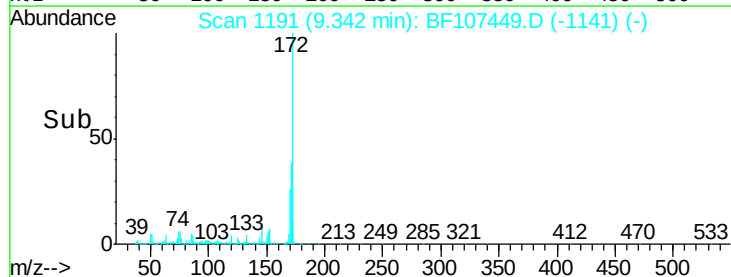
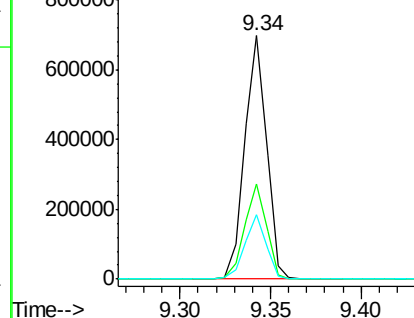


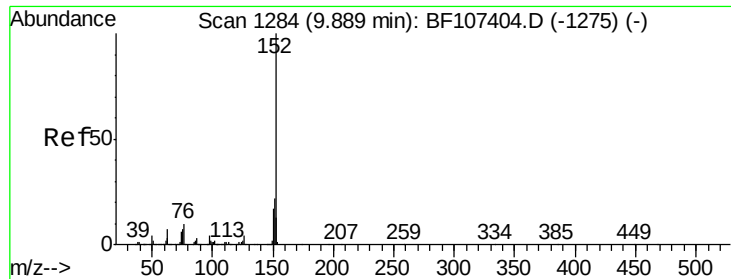
#44
2-Fluorobiphenyl
Concen: 28.220 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Tgt Ion: 172 Resp: 581904
Ion Ratio Lower Upper
172 100
171 39.1 29.7 44.5
170 26.4 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





#48

Acenaphthylene

Concen: 5.062 ng

RT: 9.89 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

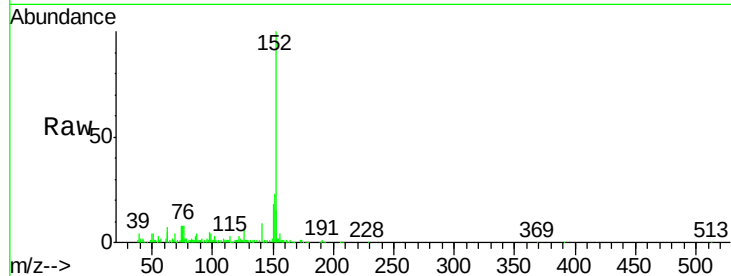
Instrument :

BNA_F

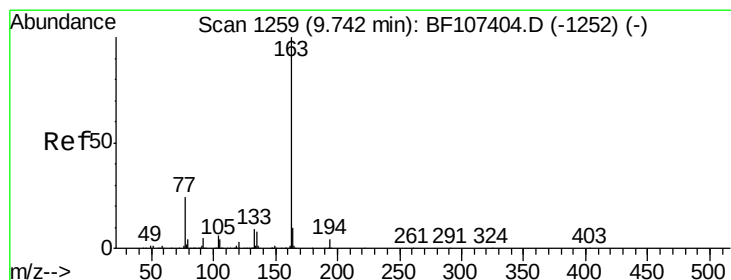
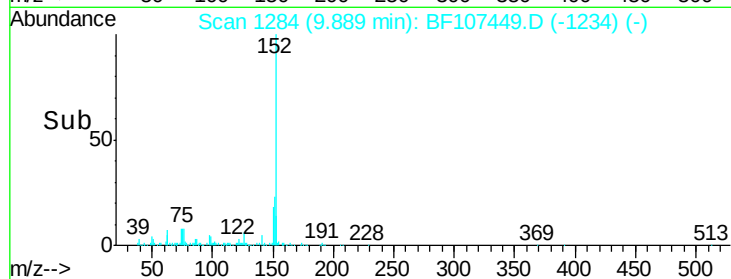
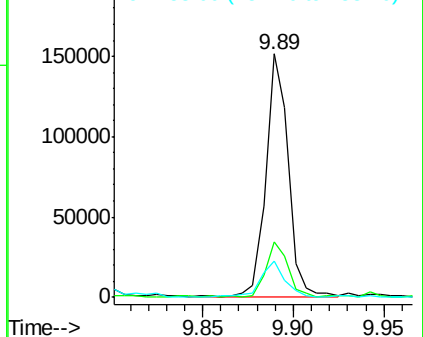
ClientSampleId :

PL-01-071318-C

Tgt Ion:	152	Resp:	131991
Ion Ratio	Lower	Upper	
152	100		
151	22.9	16.3	24.5
153	14.9	10.7	16.1



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.122 ng

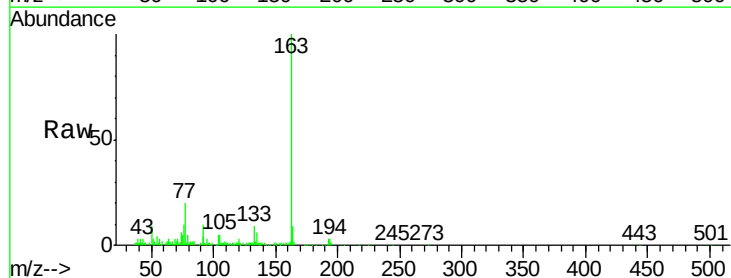
RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

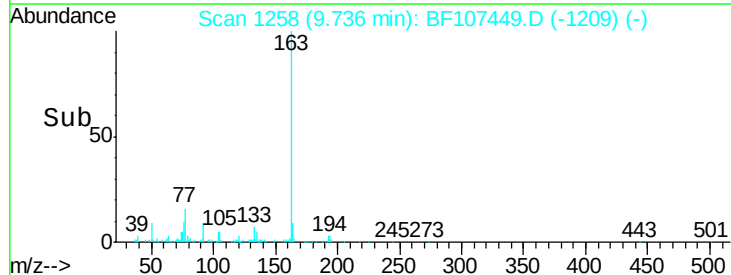
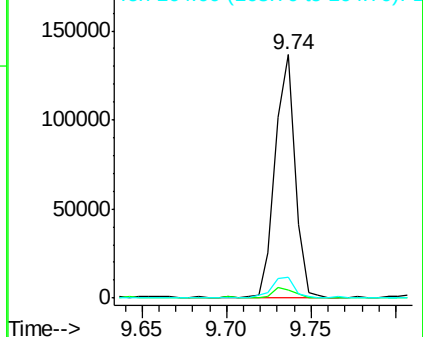
Lab File: BF107449.D

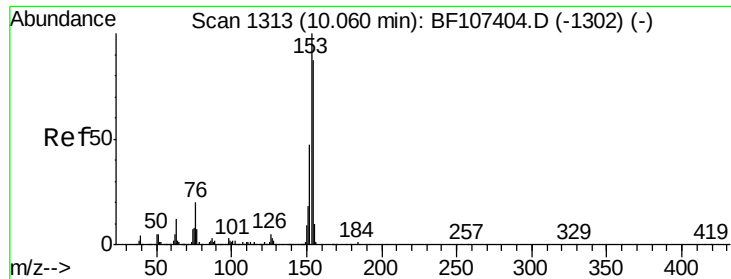
Acq: 17 Jul 2018 15:10

Tgt Ion:	163	Resp:	111355
Ion Ratio	Lower	Upper	
163	100		
194	4.0	2.7	4.1
164	8.5	8.2	12.2



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





#51

Acenaphthene

Concen: 4.376 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

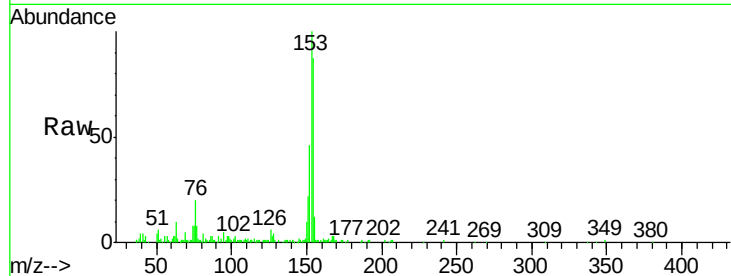
Tgt Ion:154 Resp: 75647

Ion Ratio Lower Upper

154 100

153 115.1 91.2 136.8

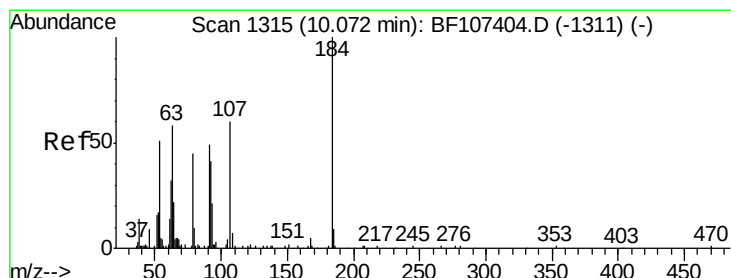
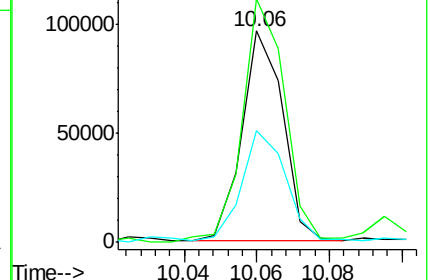
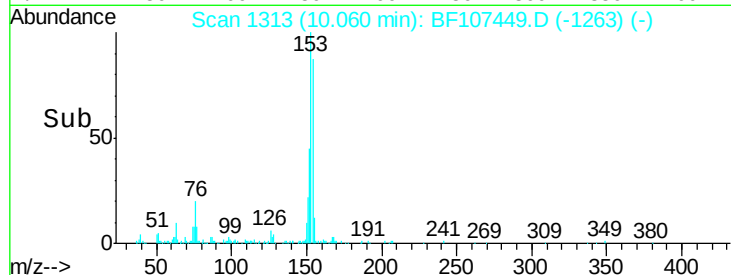
152 52.9 43.8 65.8



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: 2.484 ng

RT: 10.08 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

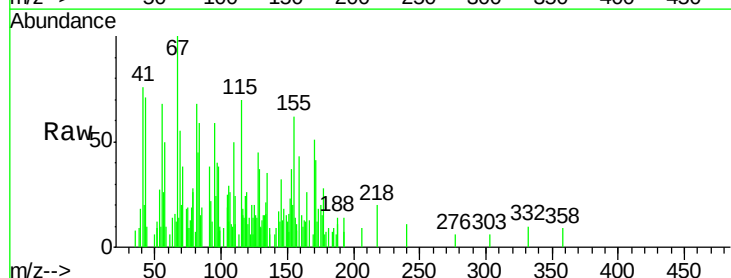
Tgt Ion:184 Resp: 236

Ion Ratio Lower Upper

184 100

63 212.1 54.2 81.2#

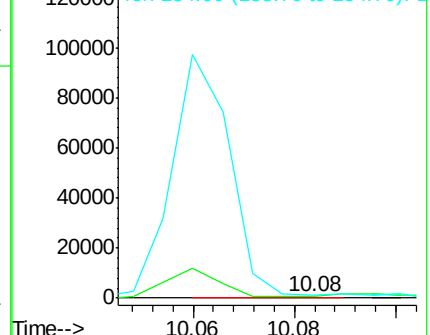
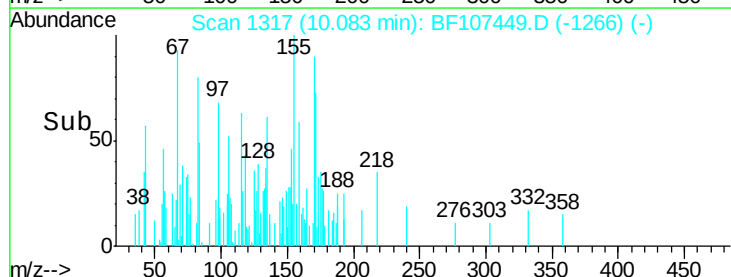
154 301.7 184.0 276.0#

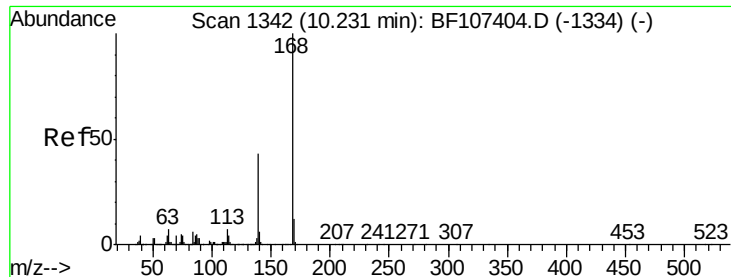


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 4.435 ng

RT: 10.24 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

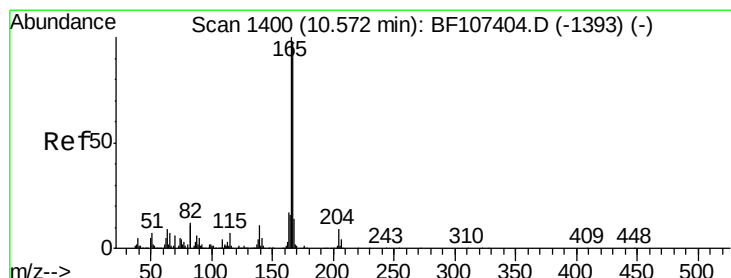
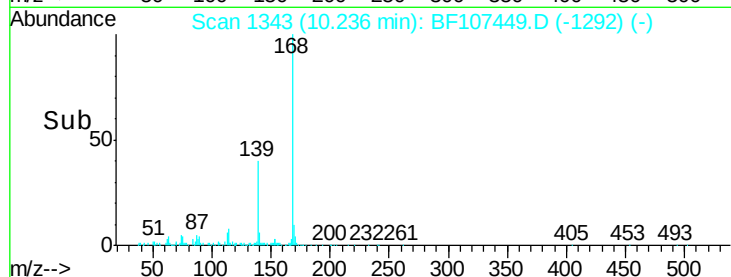
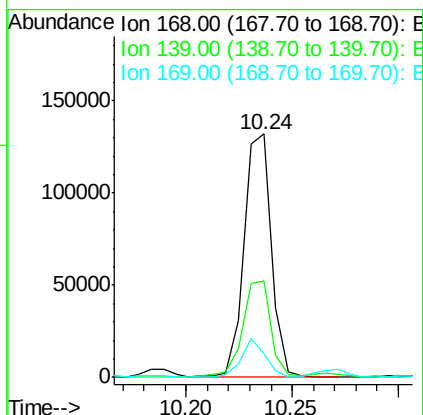
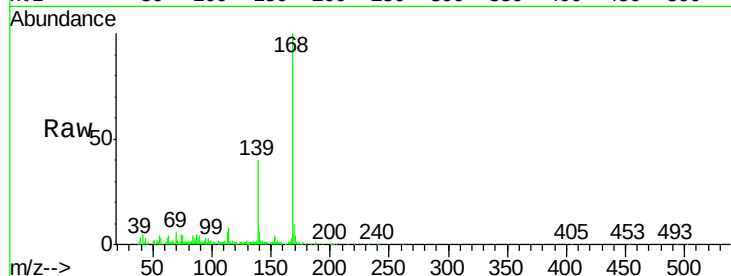
Tgt Ion:168 Resp: 118473

Ion Ratio Lower Upper

168 100

139 39.6 30.1 45.1

169 9.6 10.9 16.3#



#57

Fluorene

Concen: 10.227 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

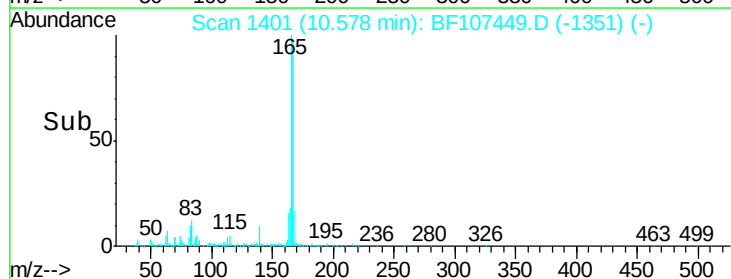
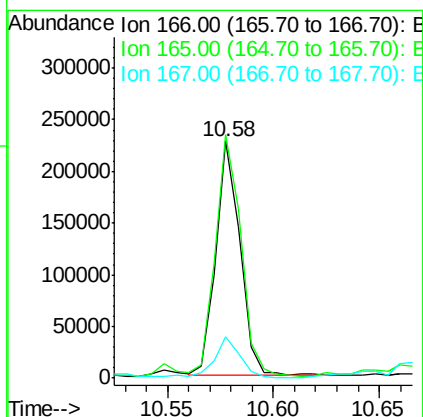
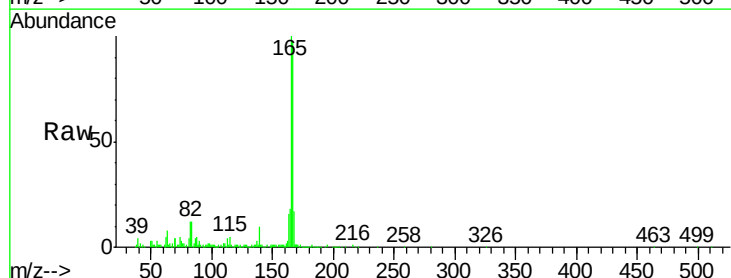
Tgt Ion:166 Resp: 180927

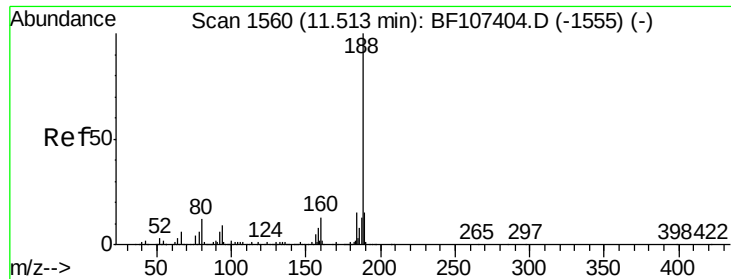
Ion Ratio Lower Upper

166 100

165 102.8 79.8 119.8

167 17.5 10.6 16.0#

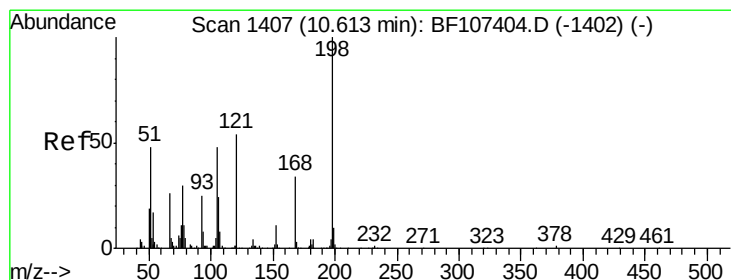
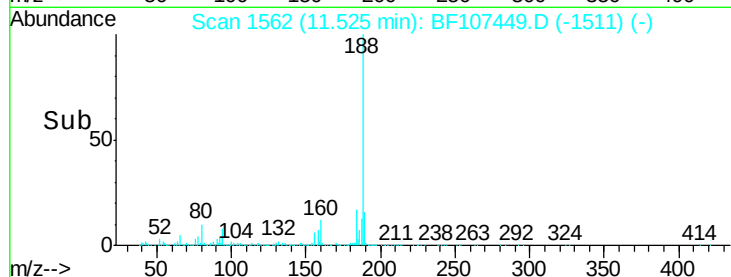
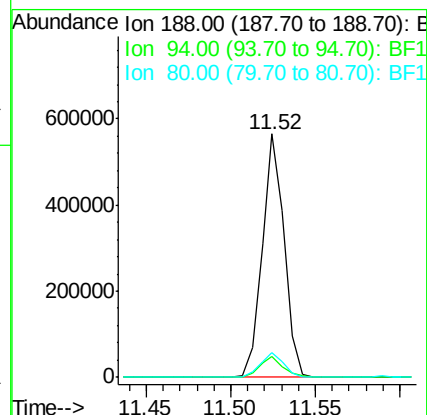
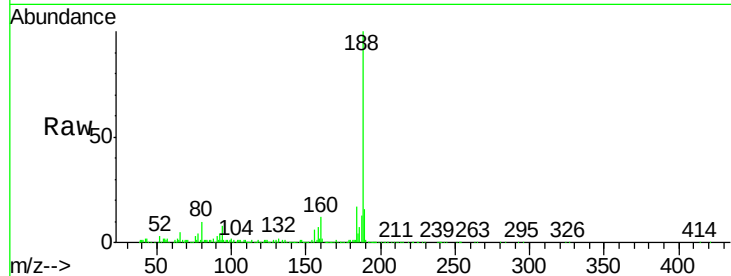




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

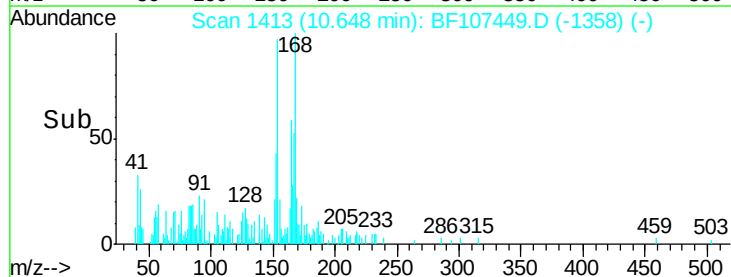
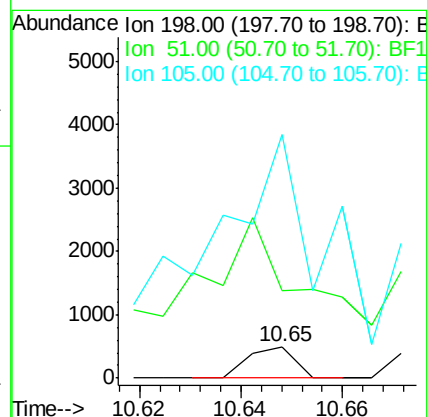
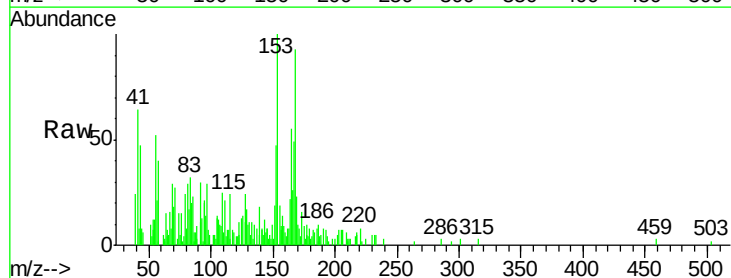
Instrument :
BNA_F
ClientSampleId :
PL-01-071318-C

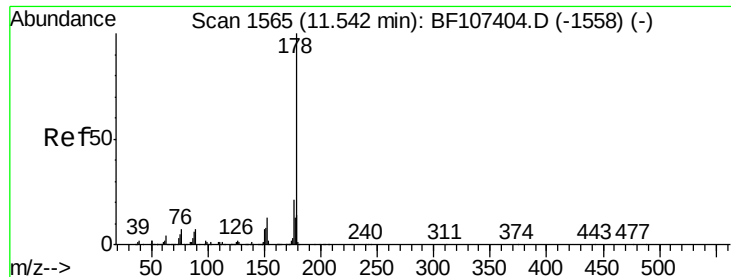
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	10.0	9.2	13.8



#64
4,6-Dinitro-2-methylphenol
Concen: 7.585 ng
RT: 10.65 min Scan# 1413
Delta R.T. 0.02 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Tgt Ion	Ratio	Lower	Upper
198	100		
51	279.1	37.7	77.7#
105	773.8	36.3	76.3#





#70

Phenanthrene

Concen: 46.641 ng

RT: 11.55 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

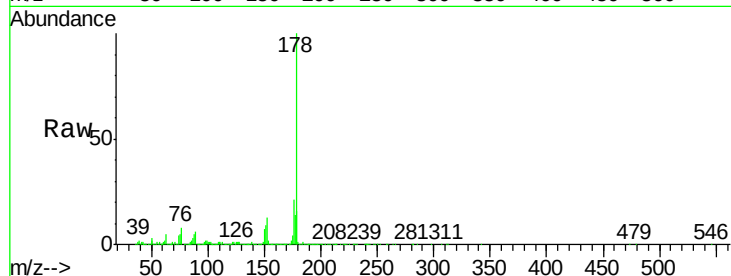
Tgt Ion:178 Resp: 1188139

Ion Ratio Lower Upper

178 100

176 21.3 15.8 23.8

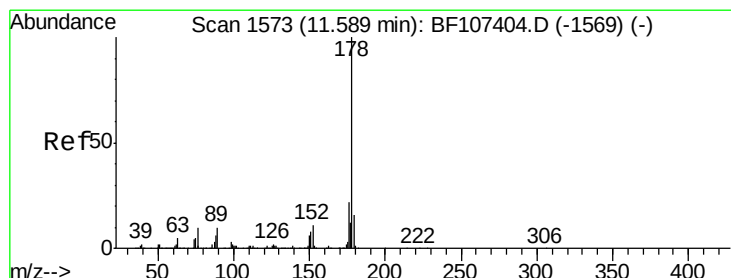
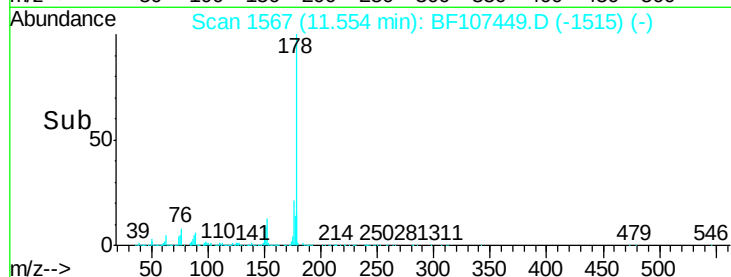
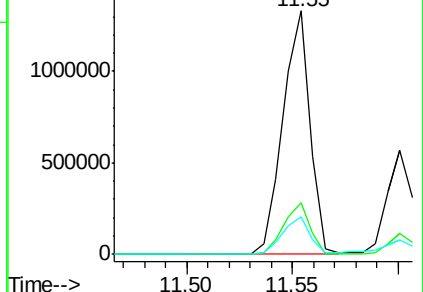
179 15.6 13.0 19.6



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: 18.223 ng

RT: 11.60 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

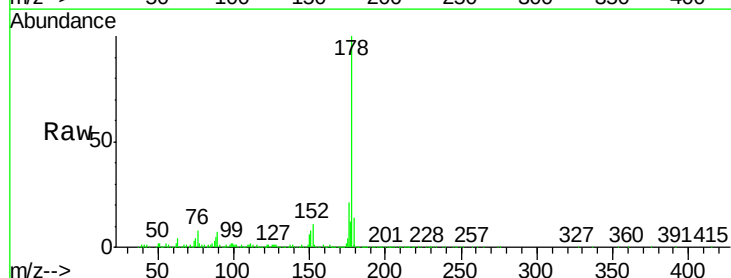
Tgt Ion:178 Resp: 462355

Ion Ratio Lower Upper

178 100

176 20.6 15.4 23.2

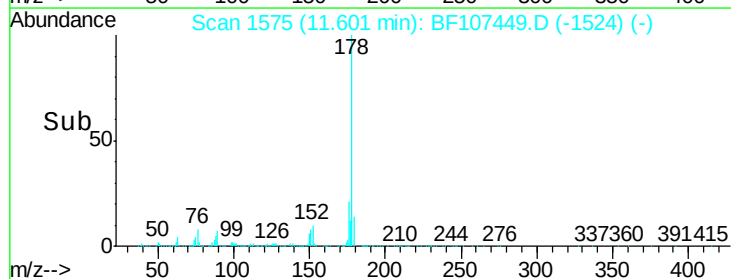
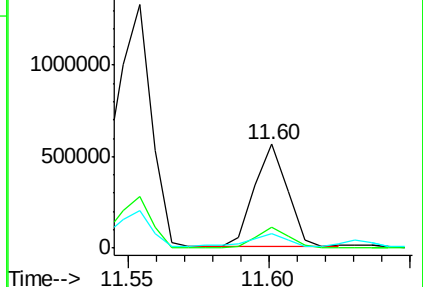
179 14.4 12.6 19.0

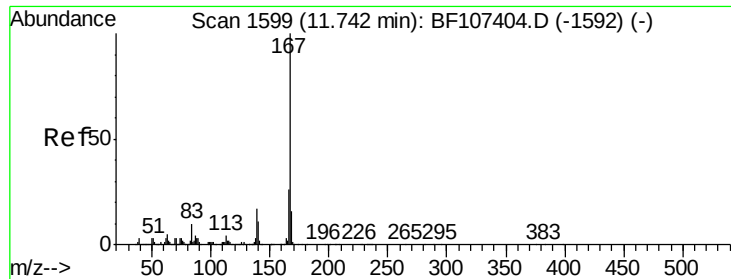


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.017 ng

RT: 11.75 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

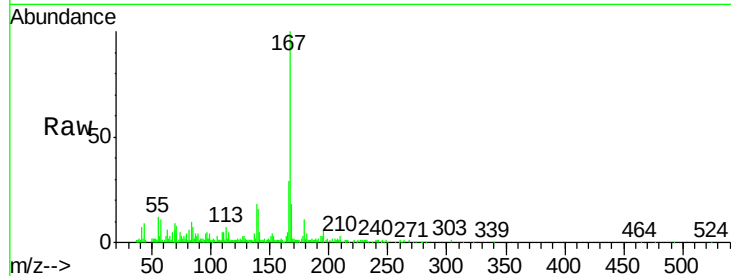
Tgt Ion:167 Resp: 96504

Ion Ratio Lower Upper

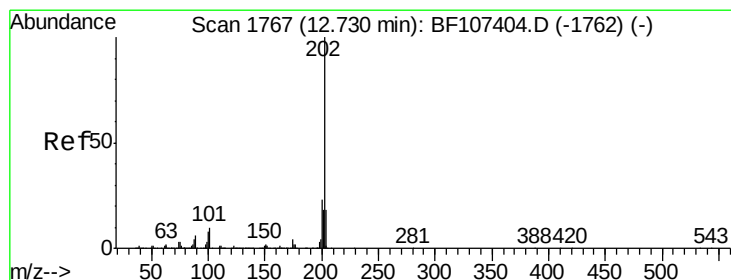
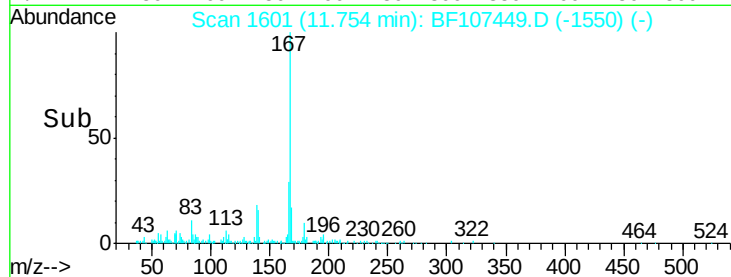
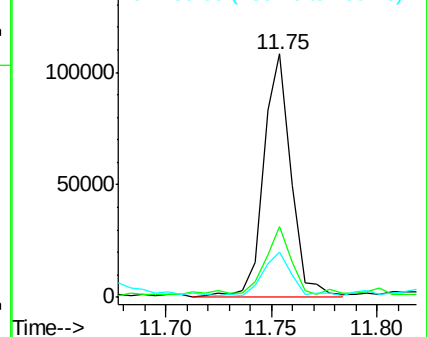
167 100

166 29.2 17.6 26.4#

139 18.3 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: 52.407 ng

RT: 12.75 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

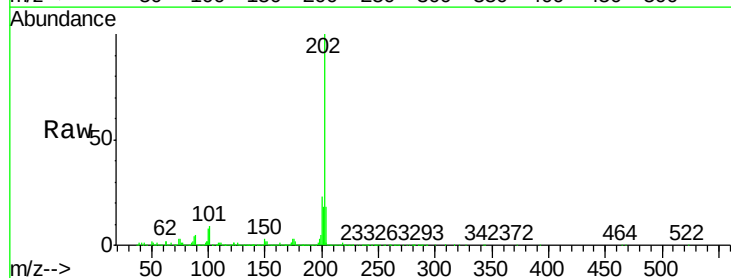
Tgt Ion:202 Resp: 1517382

Ion Ratio Lower Upper

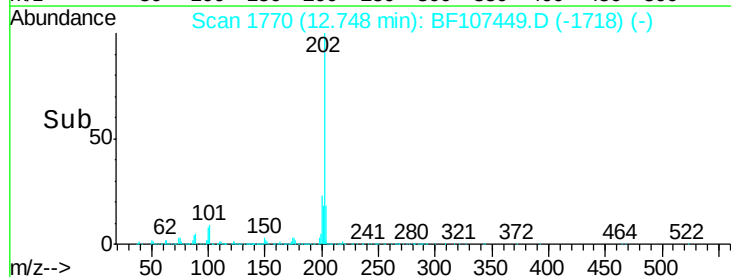
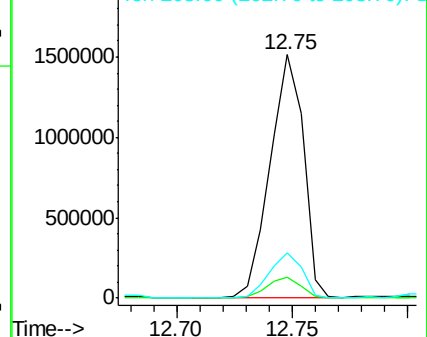
202 100

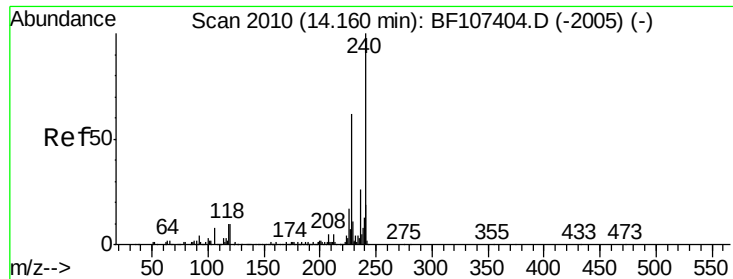
101 8.6 0.0 34.1

203 18.5 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: 14.18 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

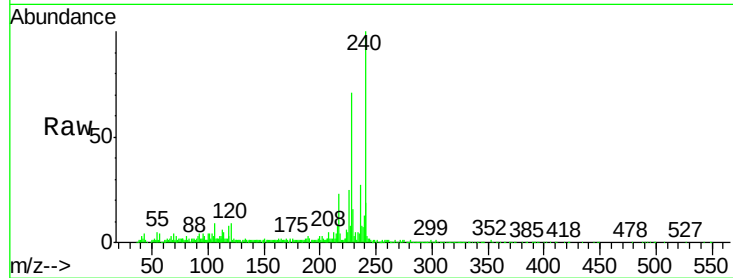
Tgt Ion:240 Resp: 362326

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

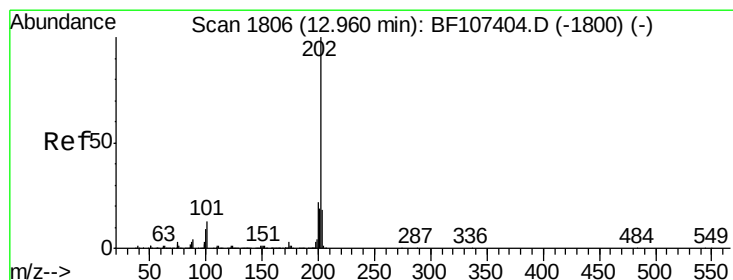
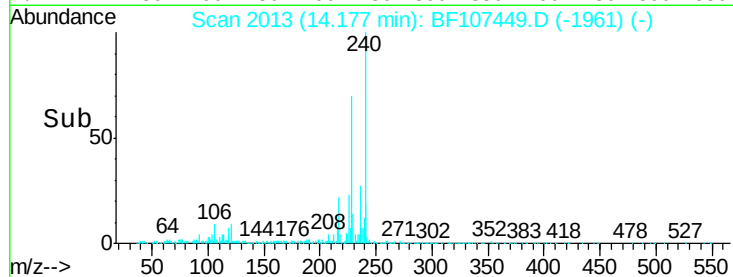
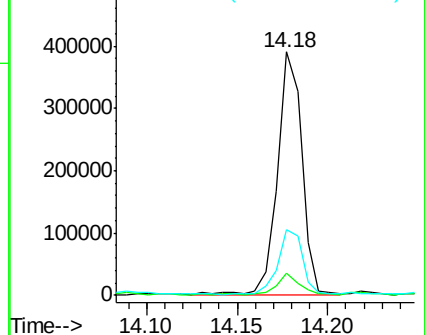
236 27.2 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 55.899 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

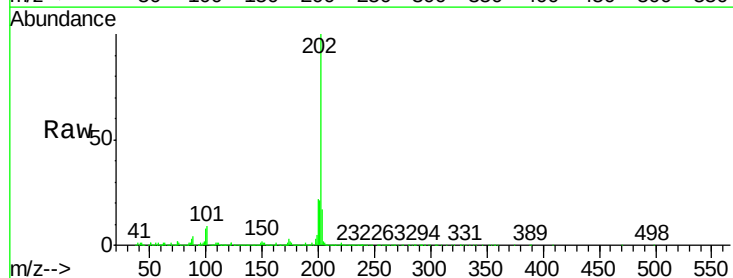
Tgt Ion:202 Resp: 1377294

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

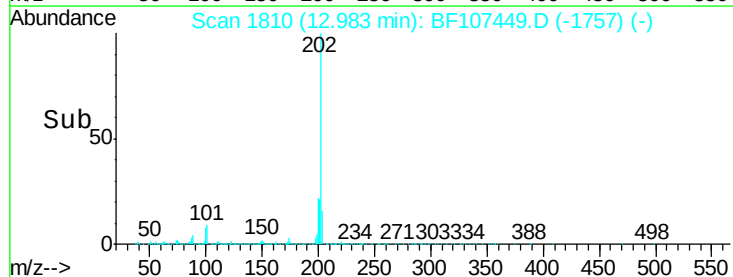
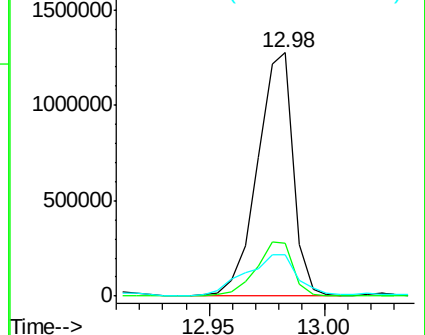
203 17.2 14.3 21.5

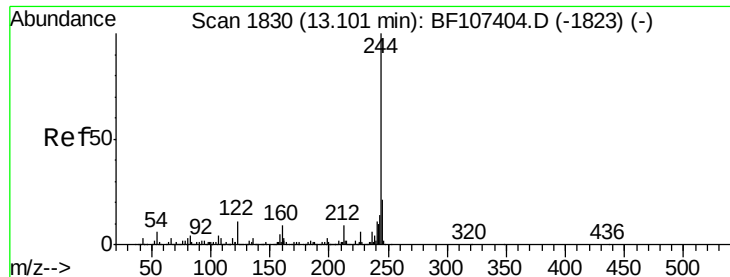


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 34.422 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

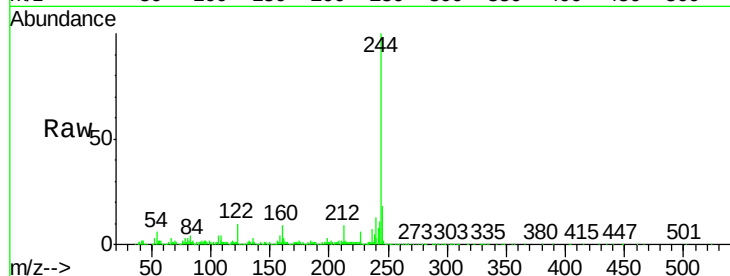
Tgt Ion:244 Resp: 501979

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

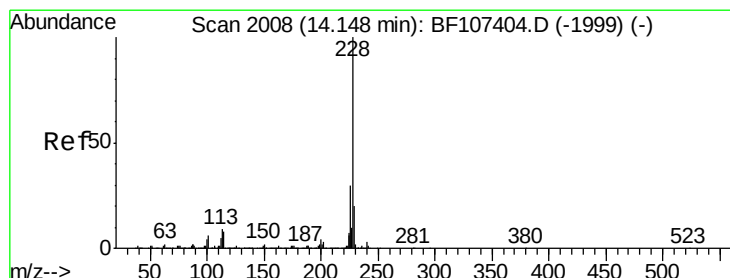
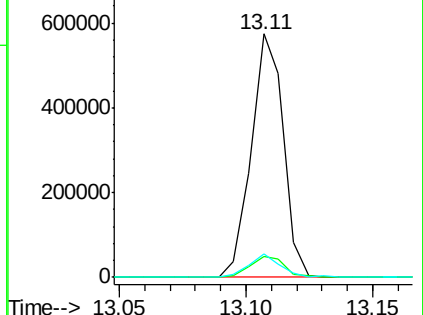
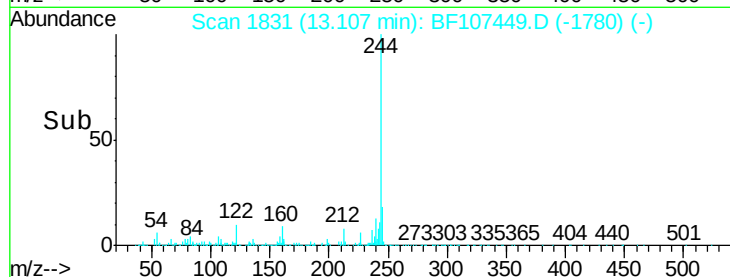
122 9.8 11.0 16.4#



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: 35.625 ng

RT: 14.17 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

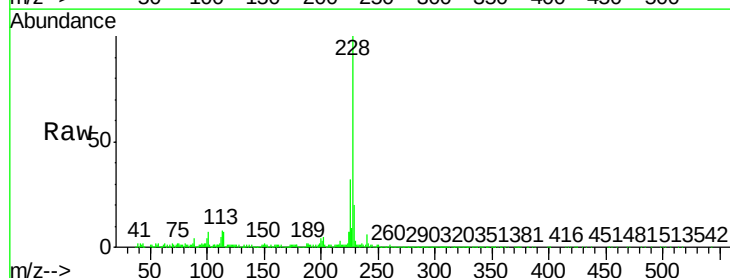
Tgt Ion:228 Resp: 789785

Ion Ratio Lower Upper

228 100

226 32.2 22.6 33.8

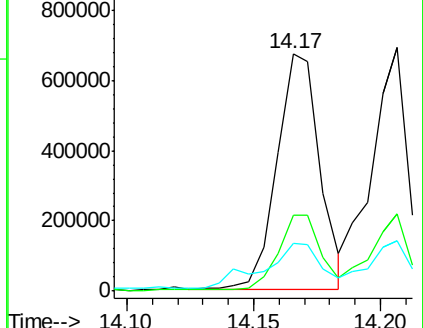
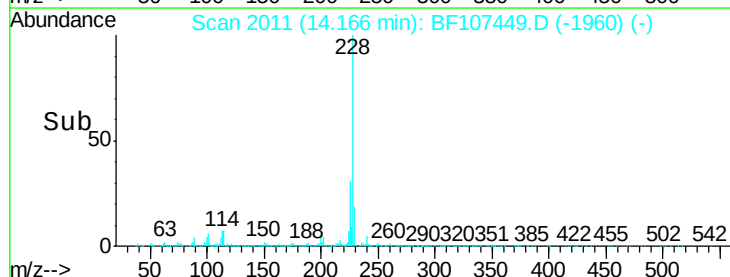
229 20.4 15.8 23.6

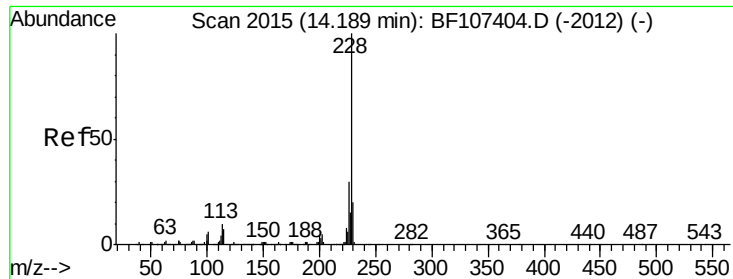


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 32.313 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

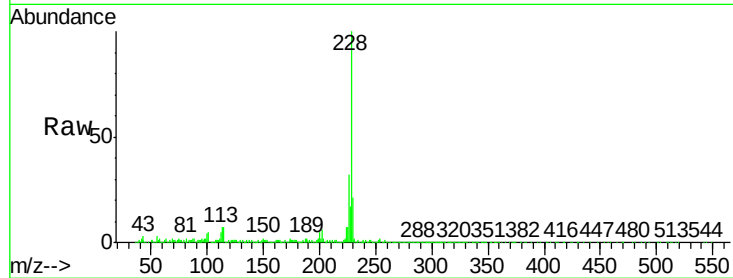
Tgt Ion:228 Resp: 684296

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

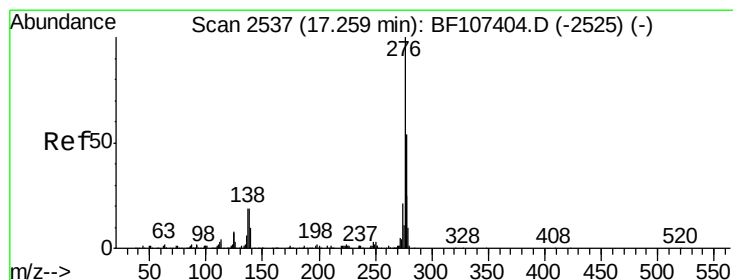
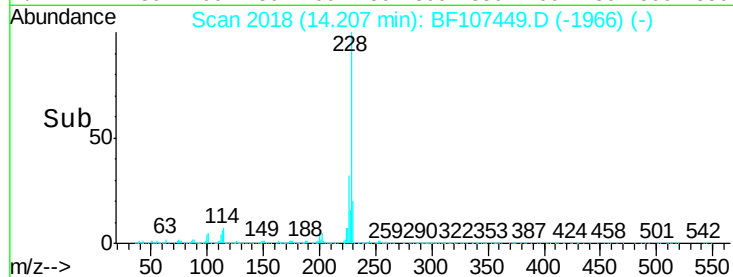
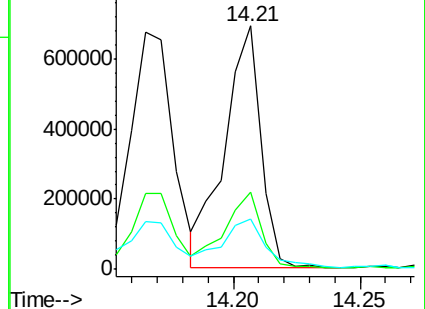
229 20.8 16.2 24.4



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 14.833 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.03 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

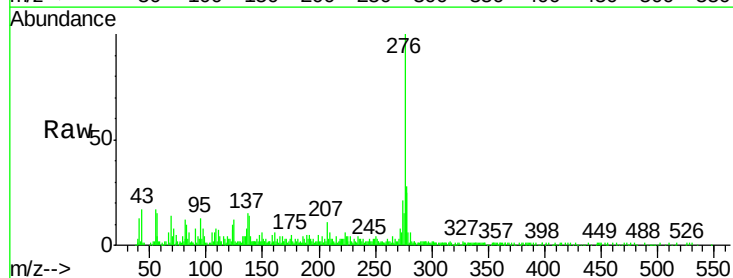
Tgt Ion:276 Resp: 223598

Ion Ratio Lower Upper

276 100

138 19.3 25.0 37.6#

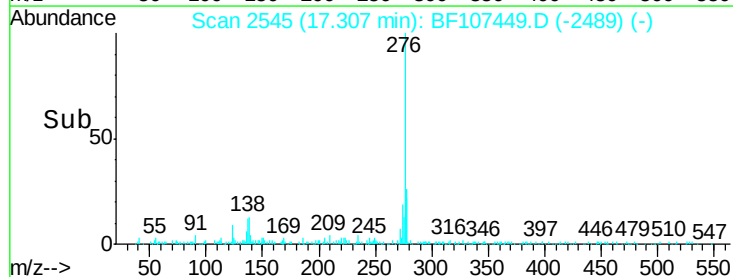
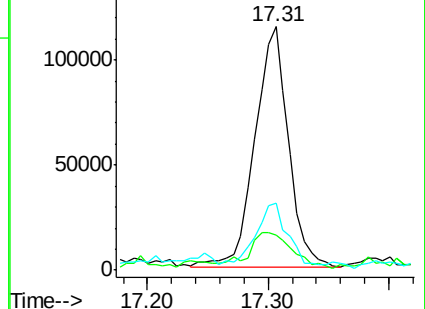
277 24.8 20.1 30.1

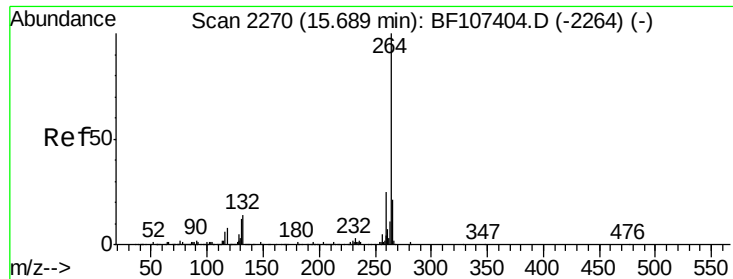


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

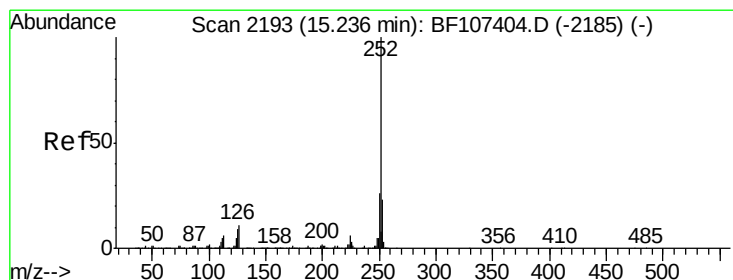
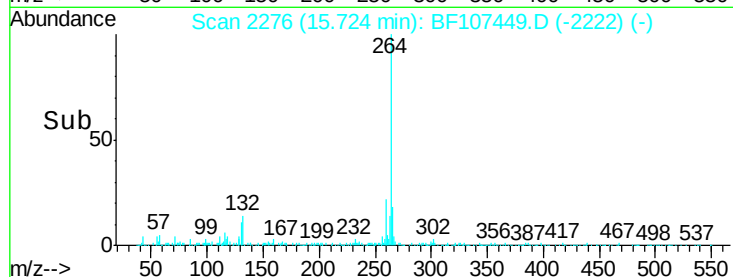
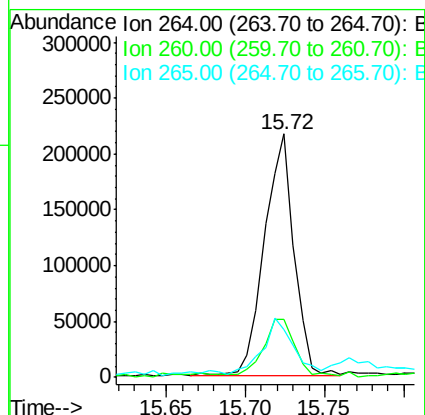
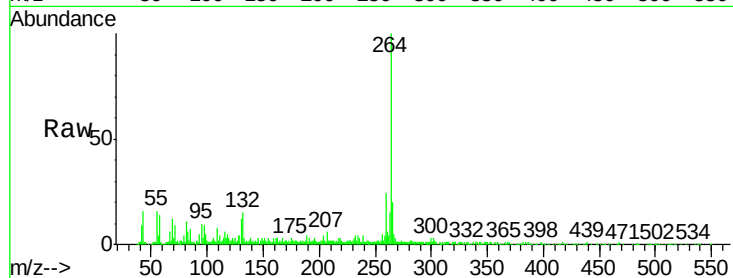




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

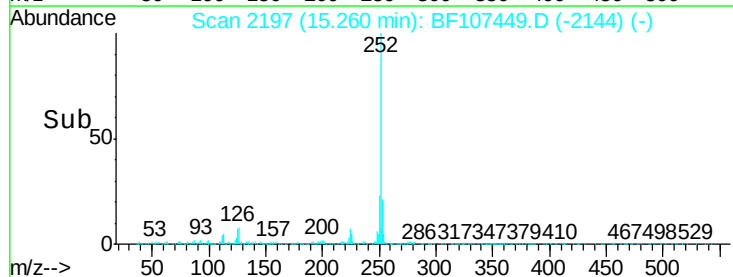
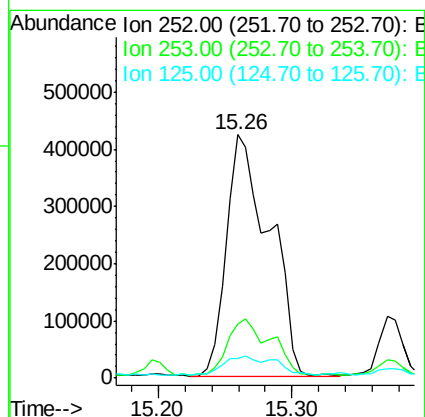
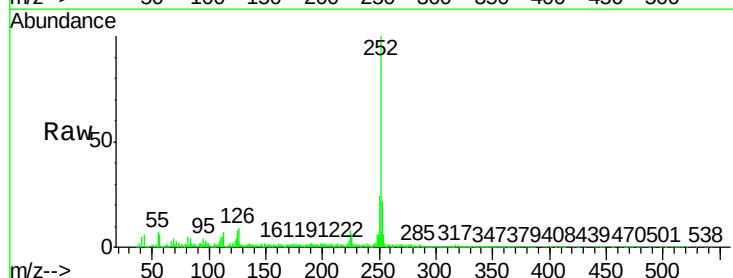
Instrument :
BNA_F
ClientSampleId :
PL-01-071318-C

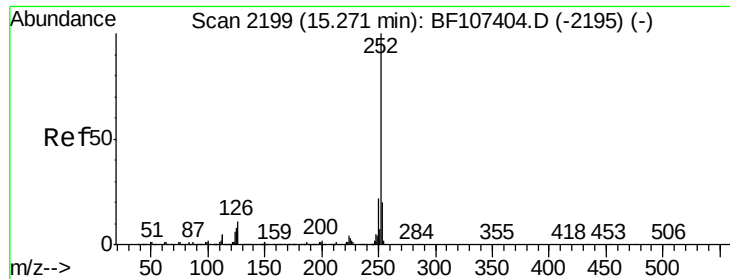
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	19.8	17.5	26.3



#87
Benzo(b)fluoranthene
Concen: 58.065 ng
RT: 15.26 min Scan# 2197
Delta R.T. 0.01 min
Lab File: BF107449.D
Acq: 17 Jul 2018 15:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.0	9.0	13.6





#88

Benzo(k)fluoranthene

Concen: 59.498 ng

RT: 15.26 min Scan# 2197

Delta R.T. -0.02 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

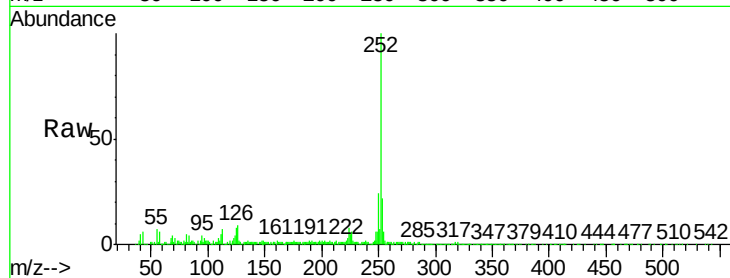
Tgt Ion:252 Resp: 959244

Ion Ratio Lower Upper

252 100

253 22.4 17.9 26.9

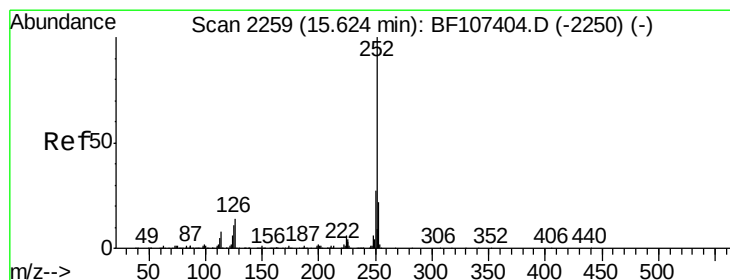
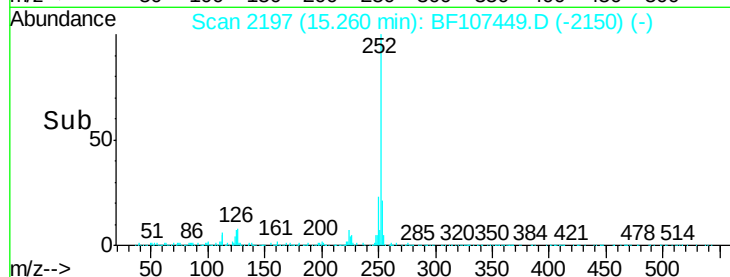
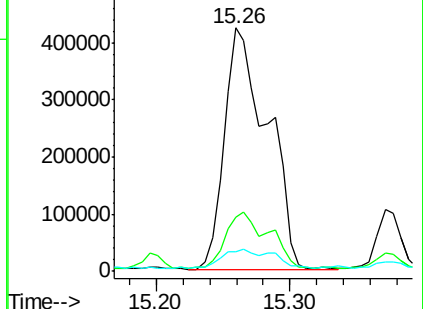
125 8.0 10.2 15.2#



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: 21.051 ng

RT: 15.59 min Scan# 2253

Delta R.T. -0.05 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

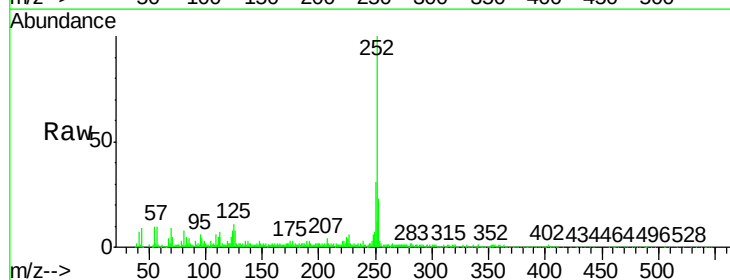
Tgt Ion:252 Resp: 319194

Ion Ratio Lower Upper

252 100

253 22.6 17.1 25.7

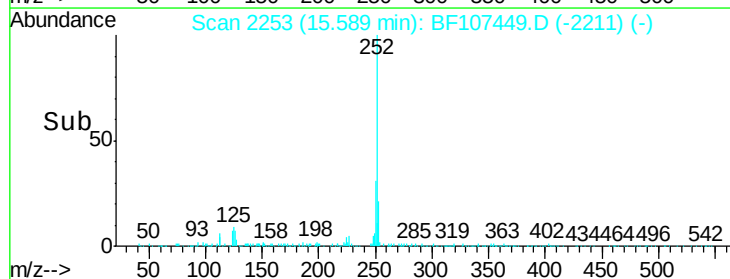
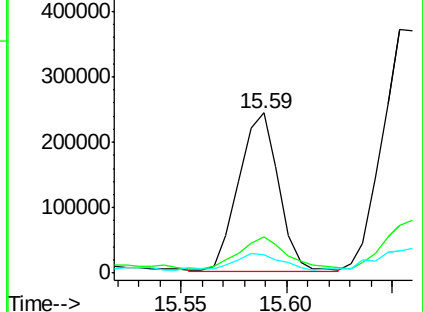
125 11.2 9.8 14.6

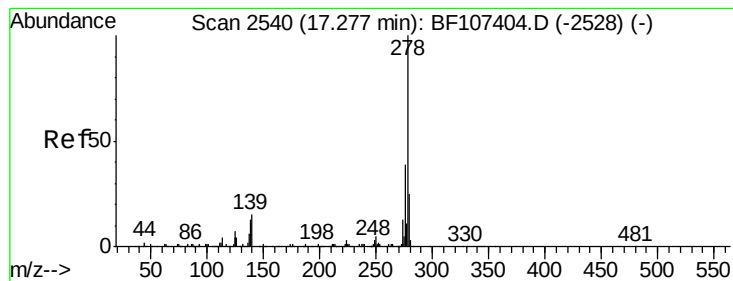


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 5.070 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.01 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

Instrument :

BNA_F

ClientSampleId :

PL-01-071318-C

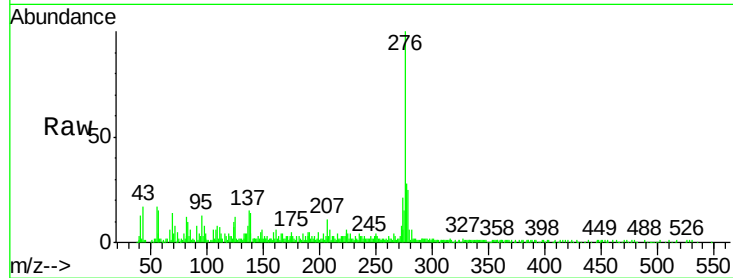
Tgt Ion:278 Resp: 58018

Ion Ratio Lower Upper

278 100

139 16.0 15.9 23.9

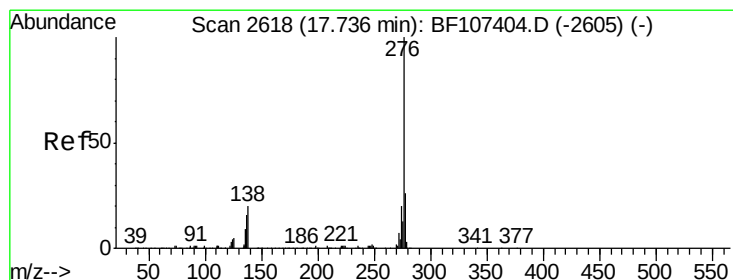
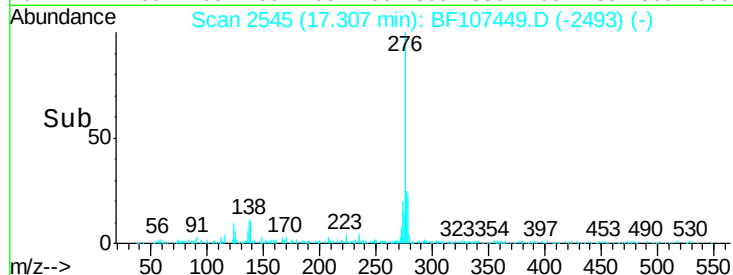
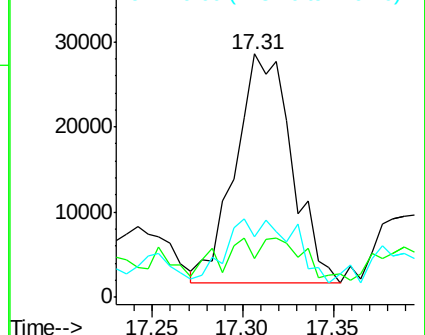
279 24.6 19.0 28.4



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: 18.261 ng

RT: 17.79 min Scan# 2627

Delta R.T. 0.03 min

Lab File: BF107449.D

Acq: 17 Jul 2018 15:10

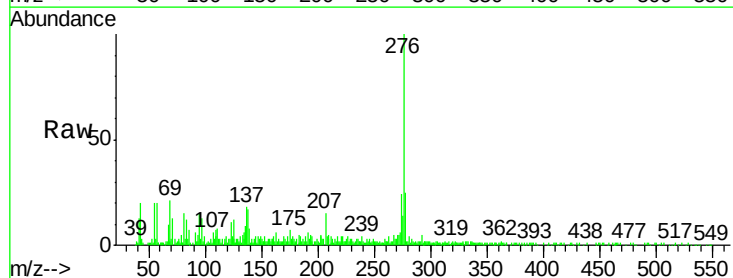
Tgt Ion:276 Resp: 212340

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

138 24.7 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

