

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107423.D
 Acq On : 17 Jul 2018 00:44
 Operator : JU/SJ
 Sample : J3821-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071218

Quant Time: Jul 17 04:05:16 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	115116	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	442550	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	210194	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	402006	20.00	ng	0.00
75) Chrysene-d12	14.17	240	384034	20.00	ng	0.00
86) Perylene-d12	15.70	264	292807	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	206391	27.23	ng	0.00
7) Phenol-d6	6.60	99	256469	26.17	ng	0.00
23) Nitrobenzene-d5	7.54	82	155889	18.78	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	45691	24.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	277889	12.84	ng	0.00
78) Terphenyl-d14	13.10	244	295277	19.10	ng	0.00

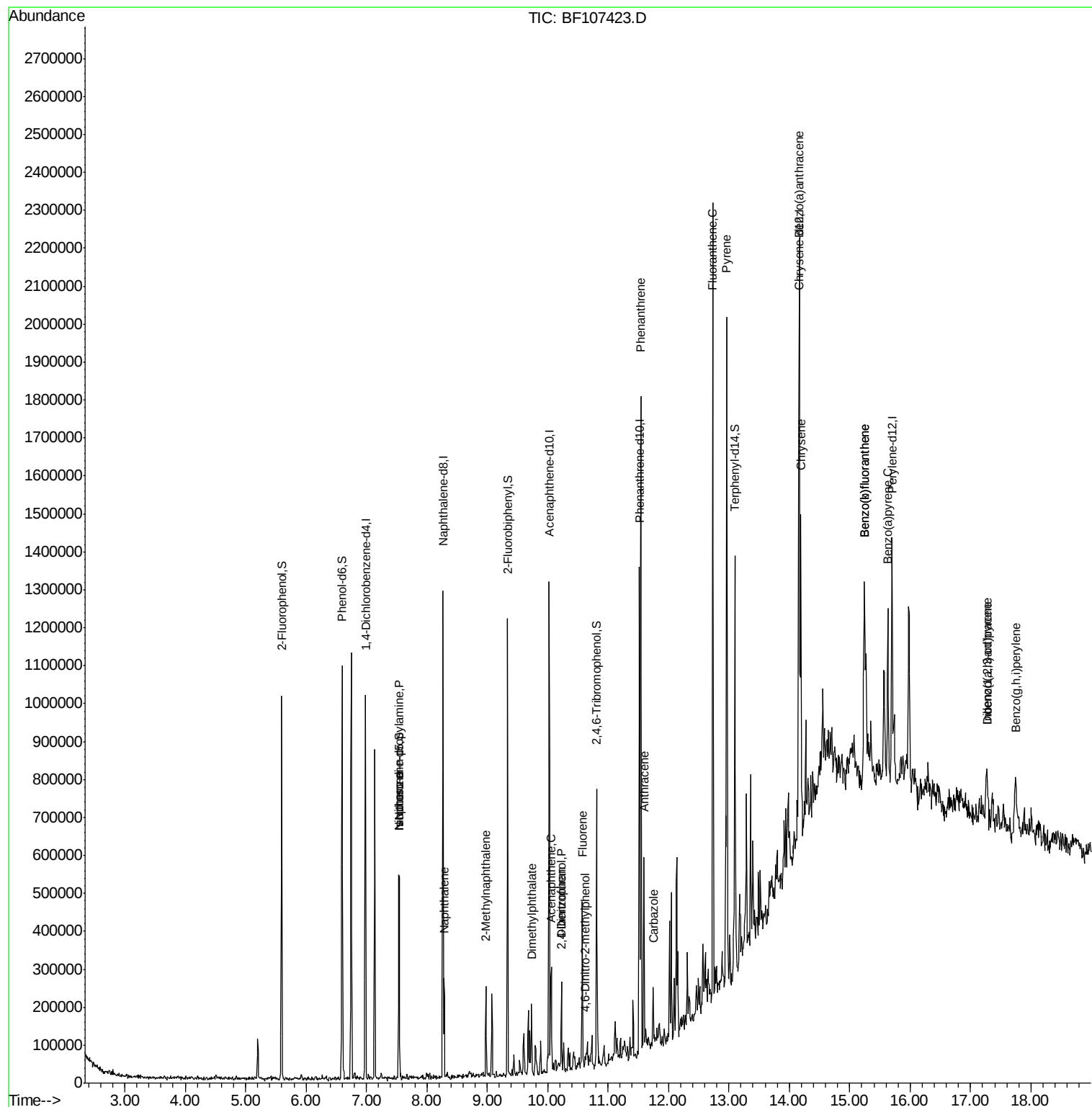
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.54	70	24894	3.548	ng	# 65
25) Isophorone	7.54	82	155886	9.476	ng	# 64
31) Naphthalene	8.28	128	86884	4.042	ng	95
37) 2-Methylnaphthalene	8.98	142	44014	3.106	ng	97
49) Dimethylphthalate	9.73	163	48083	2.879	ng	99
51) Acenaphthene	10.06	154	52684	3.967	ng	97
53) 2,4-Dinitrophenol	10.22	184	420	2.799	ng	# 2
54) Dibenzofuran	10.23	168	61488	2.996	ng	# 90
57) Fluorene	10.57	166	98212	7.226	ng	99
64) 4,6-Dinitro-2-methylphenol	10.62	198	209	7.571	ng	# 52
70) Phenanthrene	11.54	178	552017	27.554	ng	93
71) Anthracene	11.60	178	177726	8.907	ng	97
72) Carbazole	11.75	167	46743	2.474	ng	95
74) Fluoranthene	12.74	202	757376	33.261	ng	93
77) Pyrene	12.97	202	710146	27.193	ng	97
80) Benzo(a)anthracene	14.15	228	379086	16.133	ng	96
82) Chrysene	14.19	228	334800	14.916	ng	97
85) Indeno(1,2,3-cd)pyrene	17.27	276	122700	7.680	ng	# 83
87) Benzo(b)fluoranthene	15.24	252	425515	24.828	ng	95
88) Benzo(k)fluoranthene	15.24	252	425625	25.447	ng	95
89) Benzo(a)pyrene	15.63	252	232582	14.786	ng	96
90) Dibenzo(a,h)anthracene	17.27	278	32633	2.749	ng	# 63
91) Benzo(g,h,i)perylene	17.75	276	107030	8.872	ng	# 85

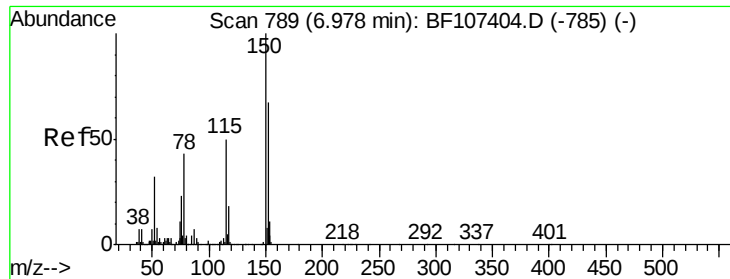
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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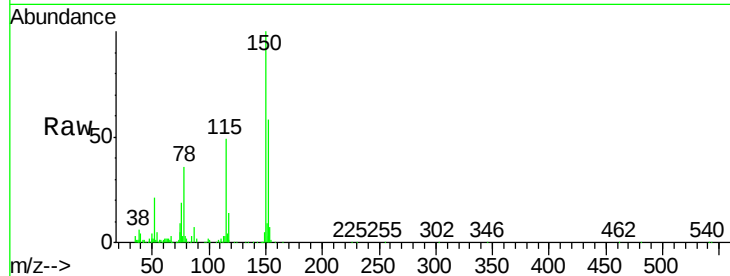


#1

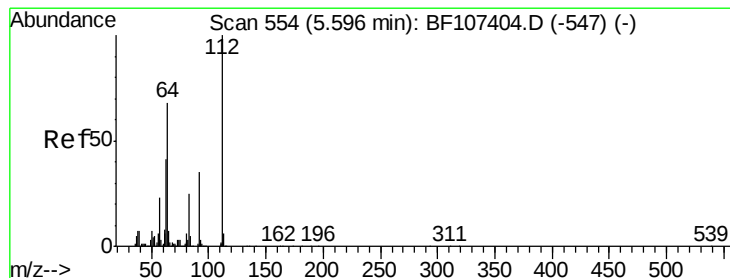
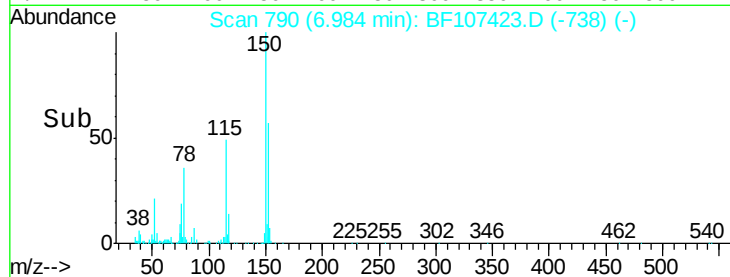
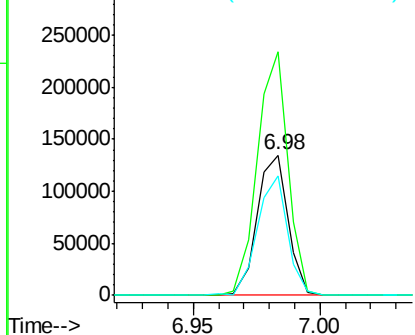
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.01 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	173.5	124.6	186.8
115	84.8	50.1	75.1



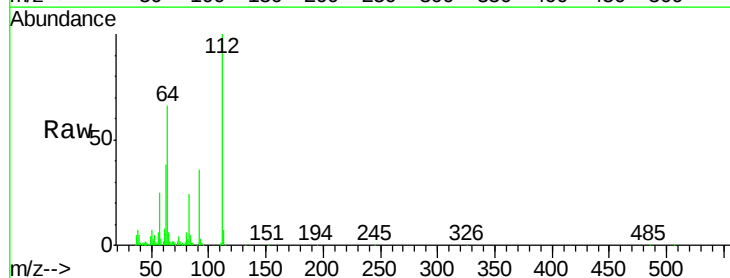
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



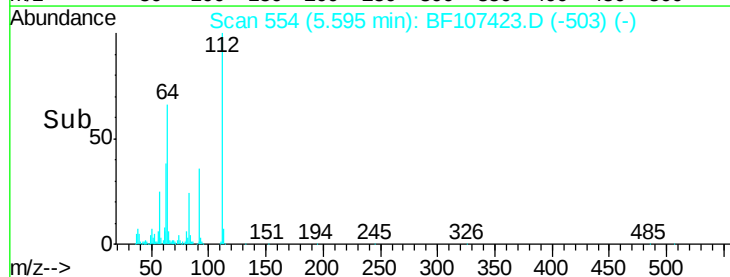
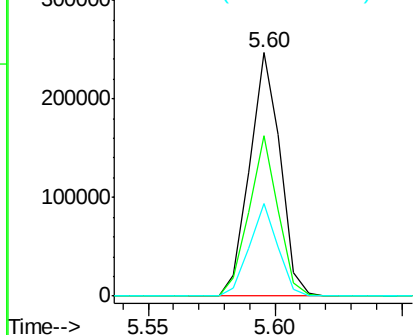
#5

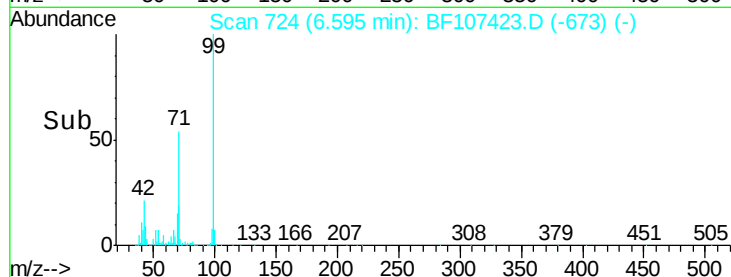
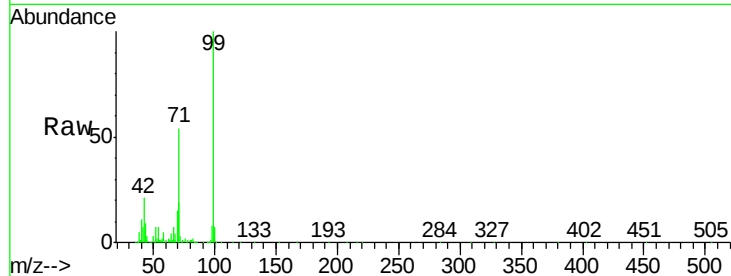
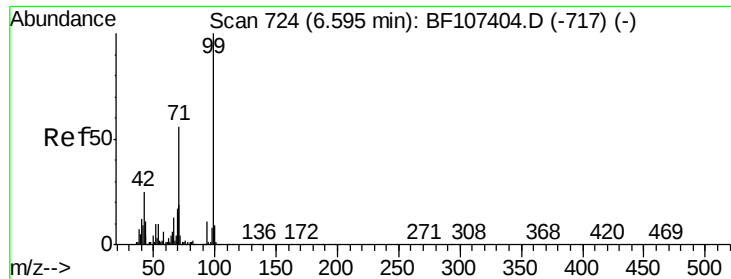
2-Fluorophenol
Concen: 27.229 ng
RT: 5.60 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	47.9	71.9
63	38.2	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: 26.171 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

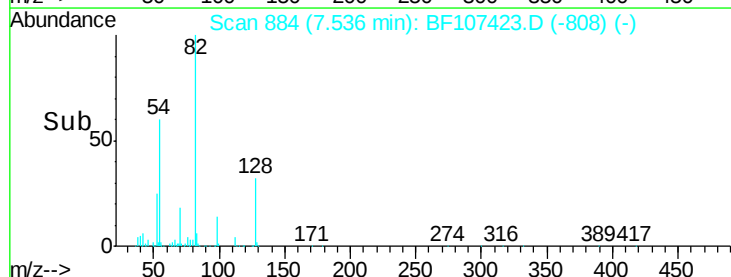
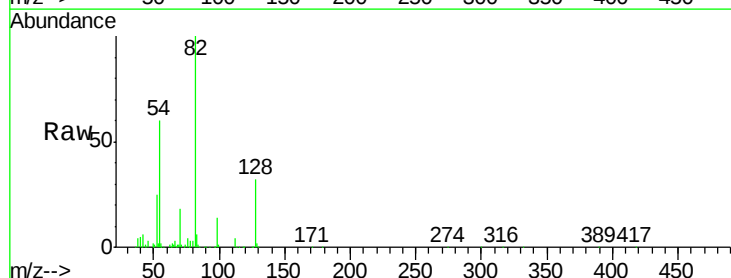
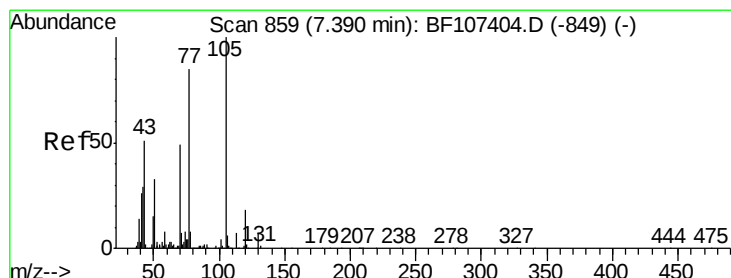
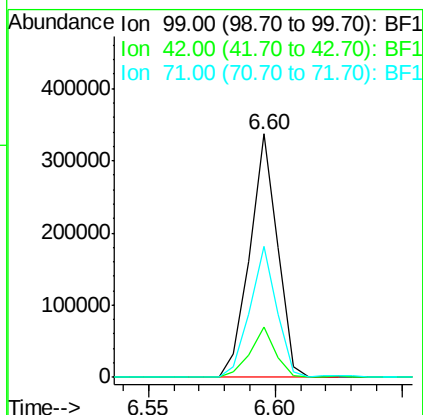
Tgt Ion: 99 Resp: 256469

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 53.7 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 3.548 ng

RT: 7.54 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Tgt Ion: 70 Resp: 24894

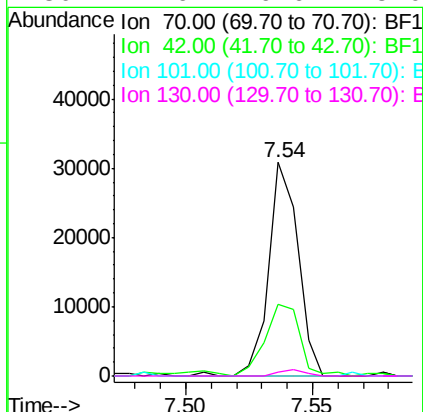
Ion Ratio Lower Upper

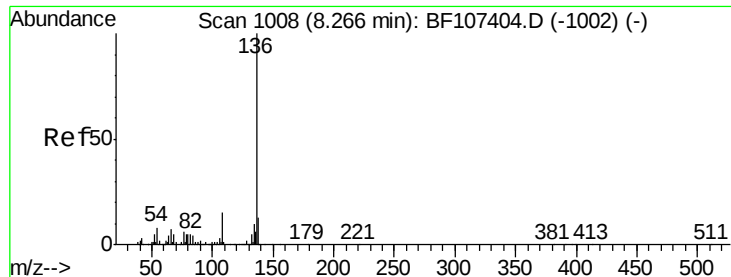
70 100

42 33.7 47.5 71.3#

101 0.0 7.4 11.2#

130 1.6 16.6 25.0#

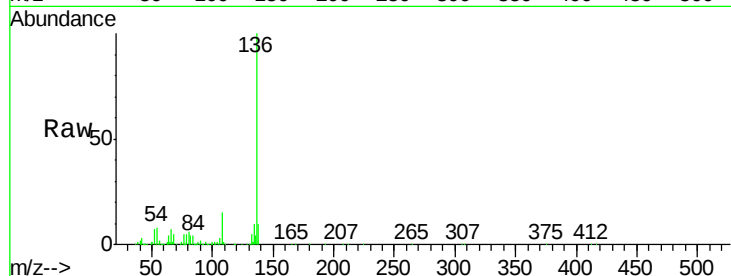




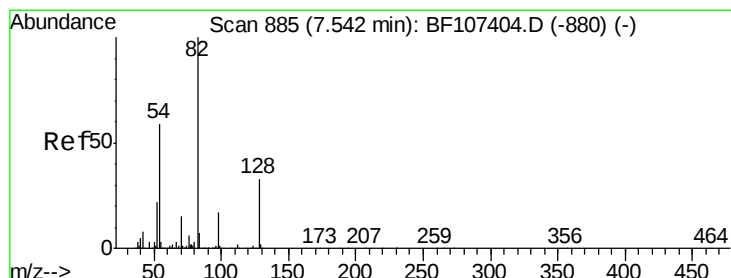
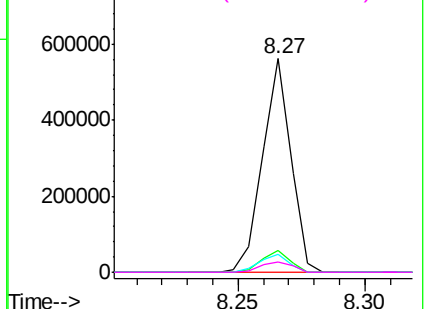
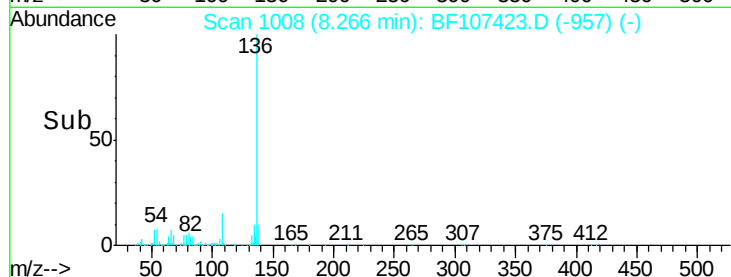
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Instrument :
BNA_F
ClientSampleId :
SU-04-071218

Tgt Ion:	136	Resp:	442550
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.9	13.3
54	8.5	6.6	9.8
68	4.8	5.0	7.4#

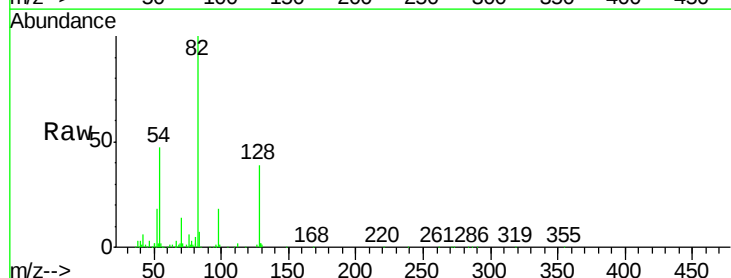


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

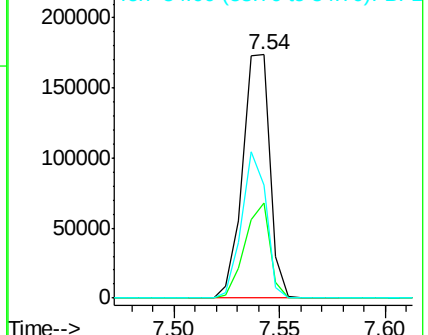
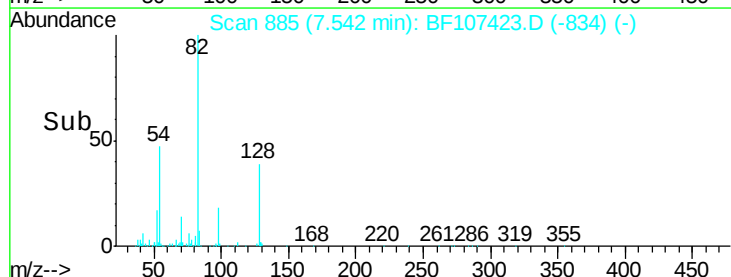


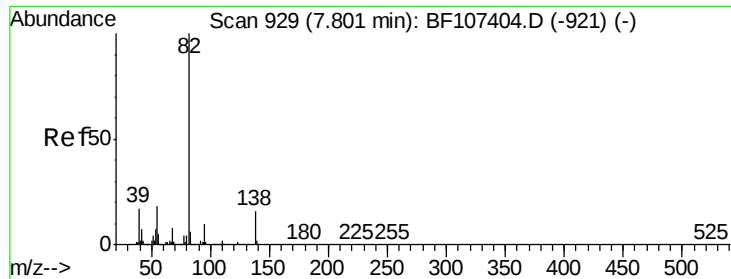
#23
Nitrobenzene-d5
Concen: 18.784 ng
RT: 7.54 min Scan# 885
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:	82	Resp:	155889
Ion	Ratio	Lower	Upper
82	100		
128	39.0	36.1	54.1
54	46.7	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: 9.476 ng

RT: 7.54 min Scan# 885

Delta R.T. -0.26 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

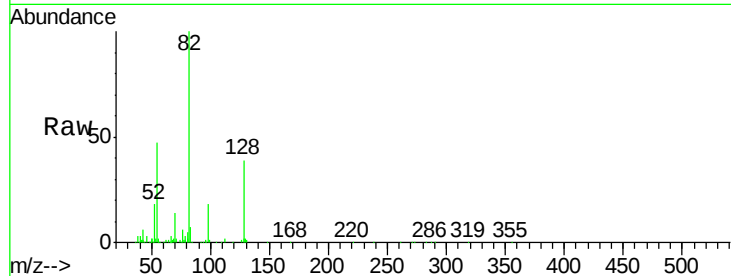
Tgt Ion: 82 Resp: 155886

Ion Ratio Lower Upper

82 100

95 0.3 5.2 7.8#

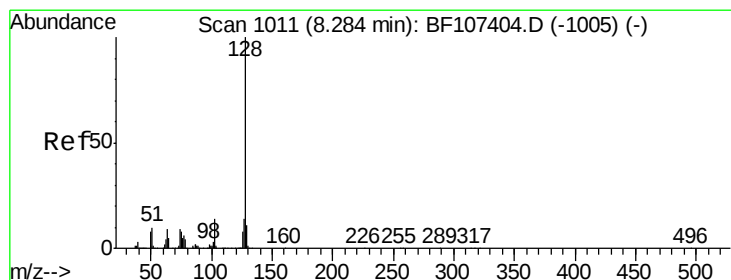
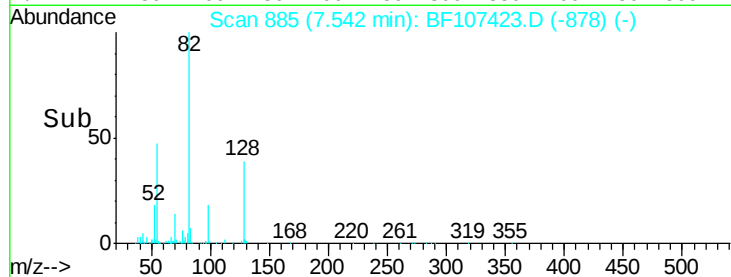
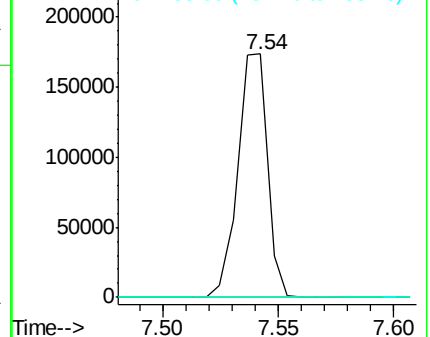
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 4.042 ng

RT: 8.28 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

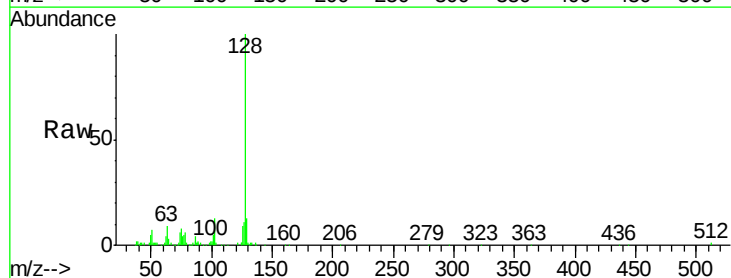
Tgt Ion: 128 Resp: 86884

Ion Ratio Lower Upper

128 100

129 12.7 8.8 13.2

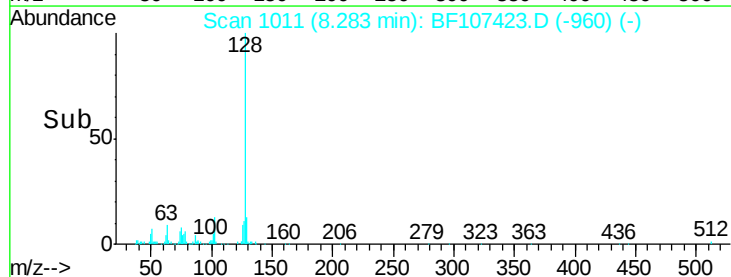
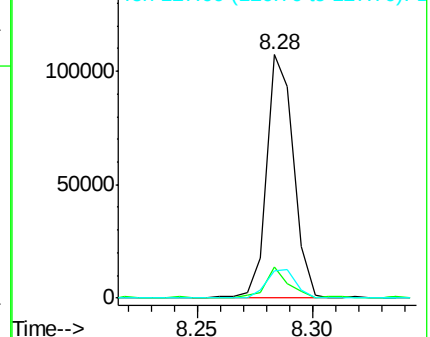
127 11.4 10.9 16.3

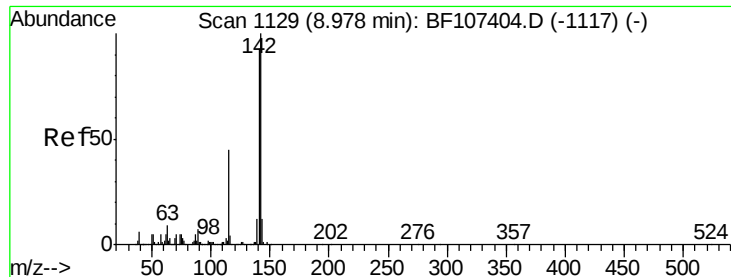


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#37

2-Methylnaphthalene

Concen: 3.106 ng

RT: 8.98 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

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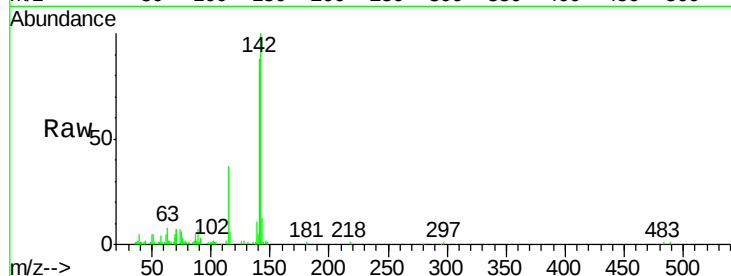
Tgt Ion:142 Resp: 44014

Ion Ratio Lower Upper

142 100

141 88.1 70.8 106.2

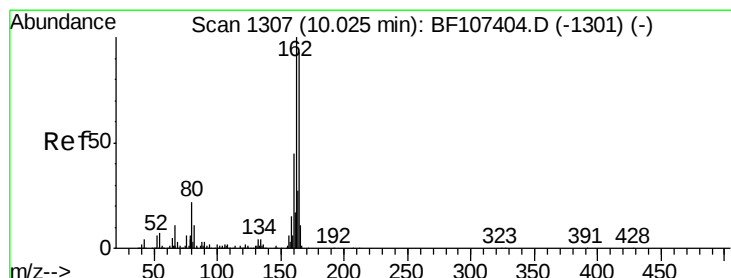
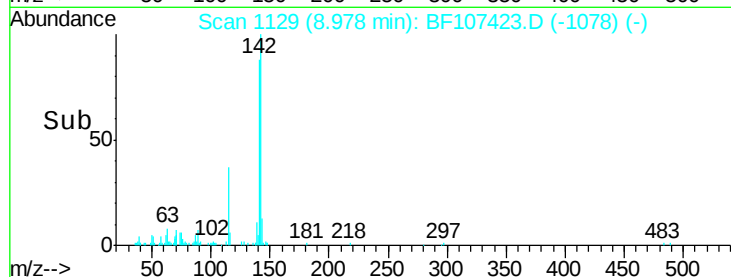
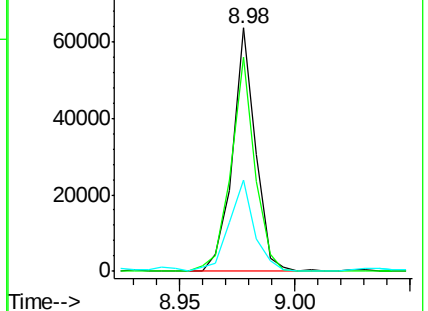
115 37.3 26.1 39.1



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: 10.02 min Scan# 1307

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

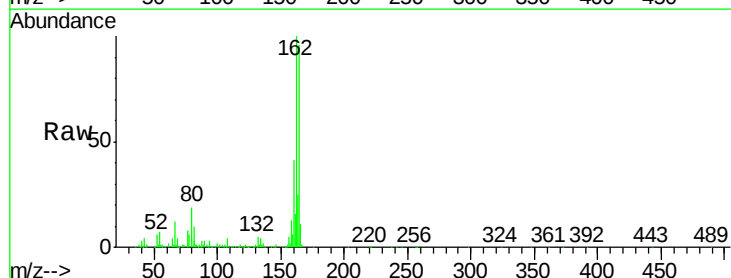
Tgt Ion:164 Resp: 210194

Ion Ratio Lower Upper

164 100

162 104.4 86.1 129.1

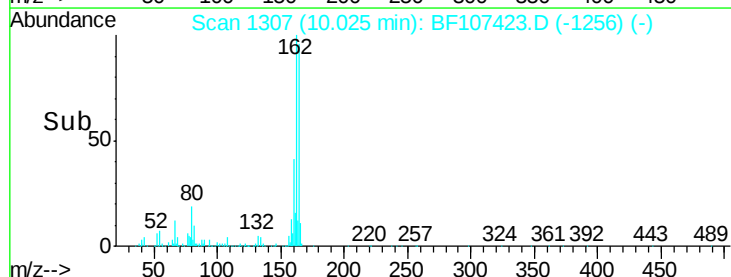
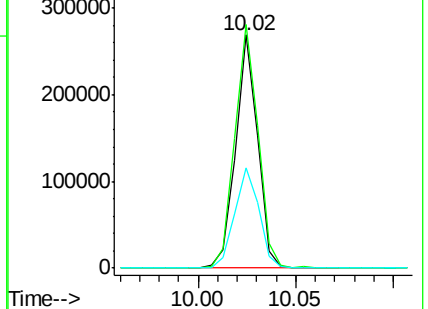
160 42.8 38.3 57.5

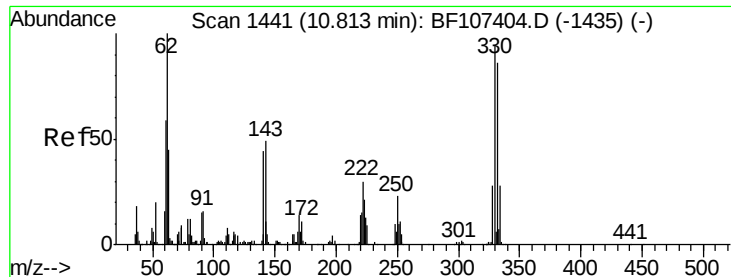


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 24.741 ng

RT: 10.81 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

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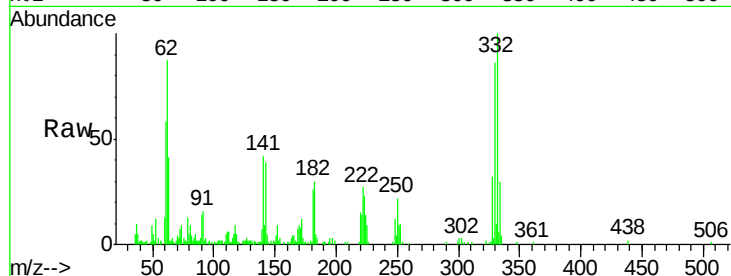
Tgt Ion:330 Resp: 45691

Ion Ratio Lower Upper

330 100

332 110.7 77.0 115.6

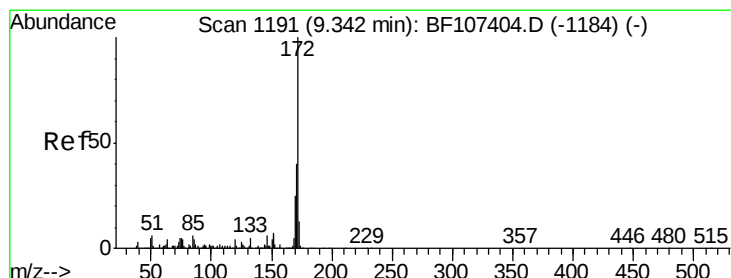
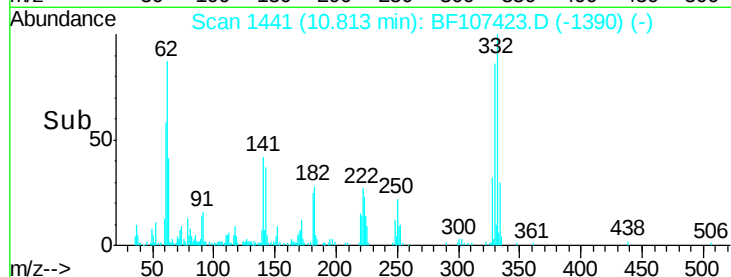
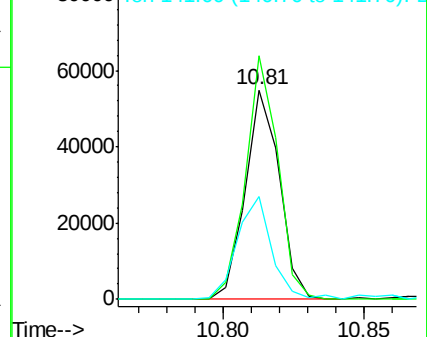
141 50.4 29.9 44.9#



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: 12.841 ng

RT: 9.34 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

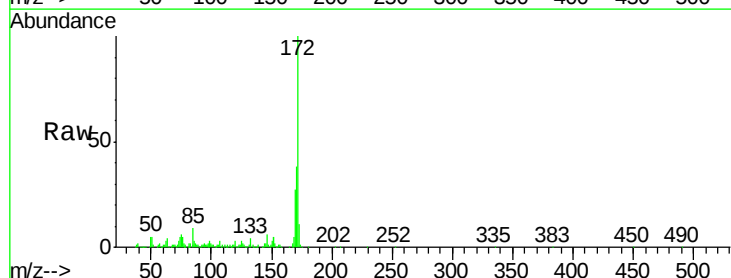
Tgt Ion:172 Resp: 277889

Ion Ratio Lower Upper

172 100

171 37.9 29.7 44.5

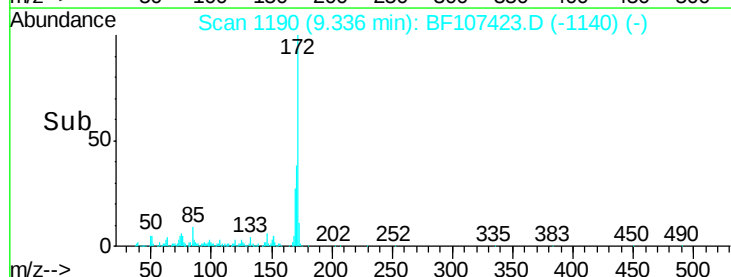
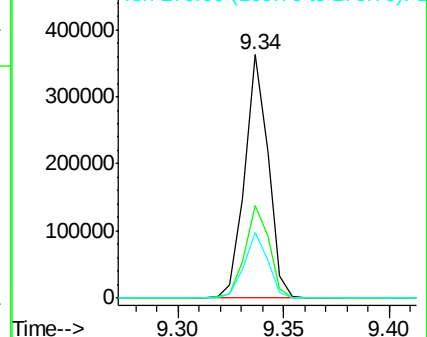
170 26.8 19.6 29.4

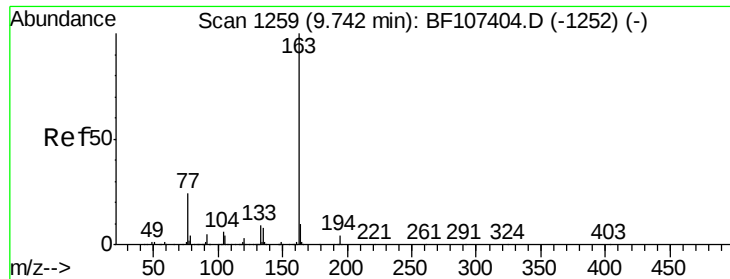


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.879 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

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SU-04-071218

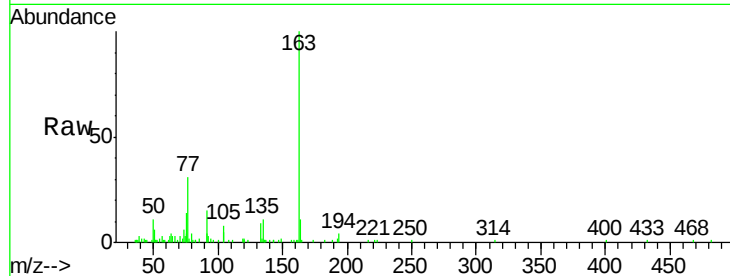
Tgt Ion:163 Resp: 48083

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

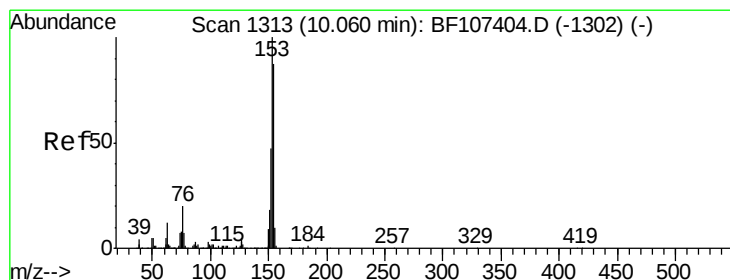
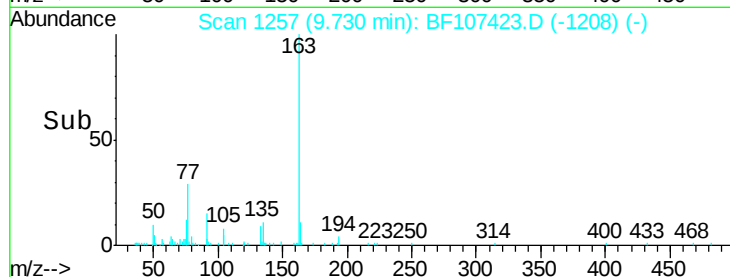
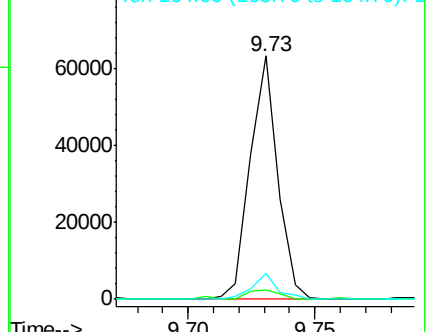
164 10.7 8.2 12.2



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: 3.967 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

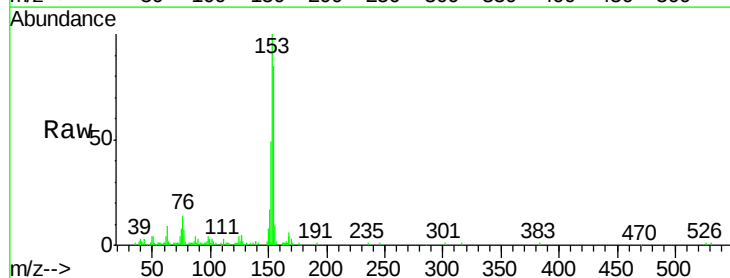
Tgt Ion:154 Resp: 52684

Ion Ratio Lower Upper

154 100

153 117.1 91.2 136.8

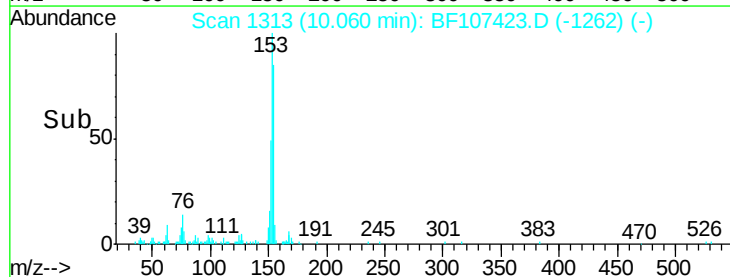
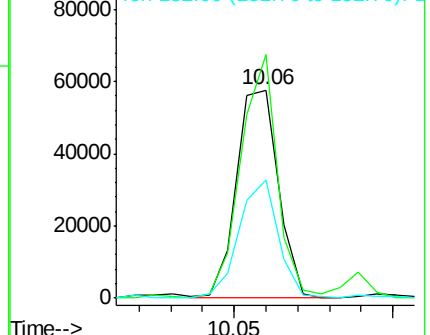
152 56.9 43.8 65.8

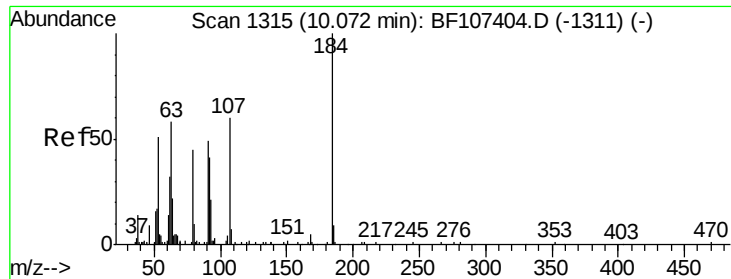


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

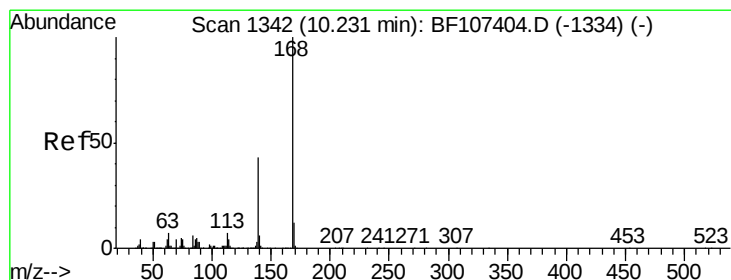
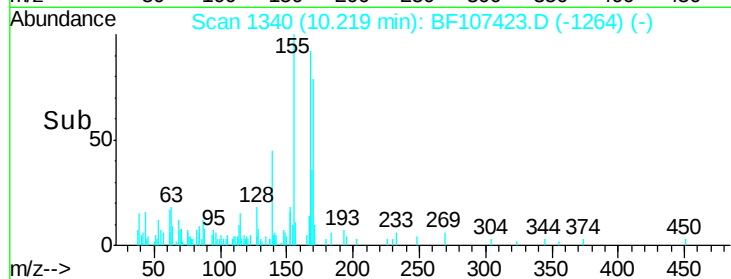
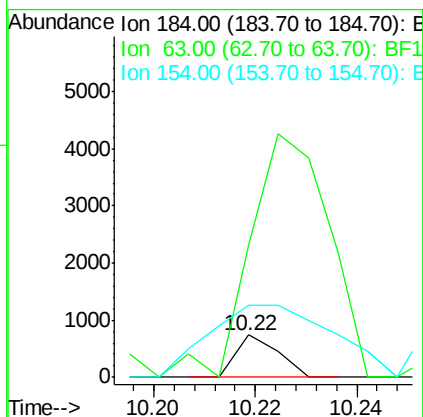
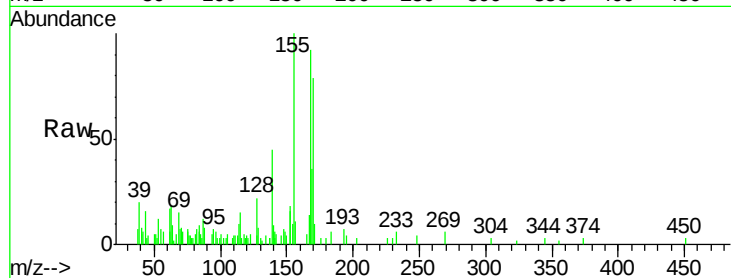




#53
2,4-Dinitrophenol
Concen: 2.799 ng
RT: 10.22 min Scan# 1340
Delta R.T. 0.15 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

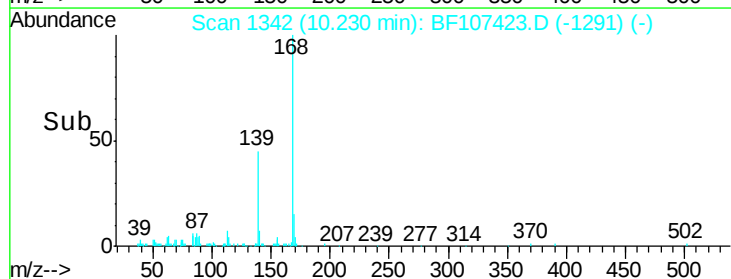
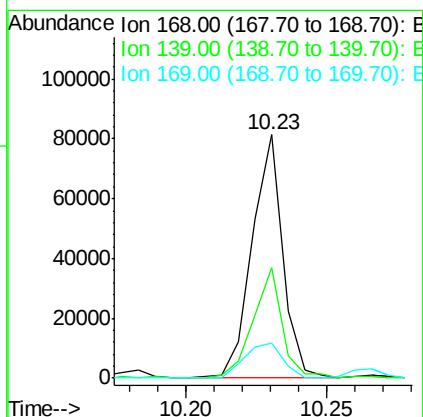
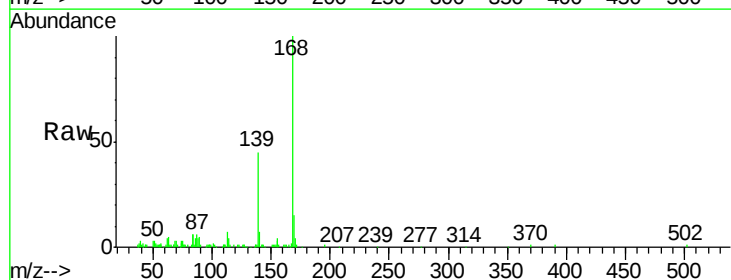
Instrument :
BNA_F
ClientSampleId :
SU-04-071218

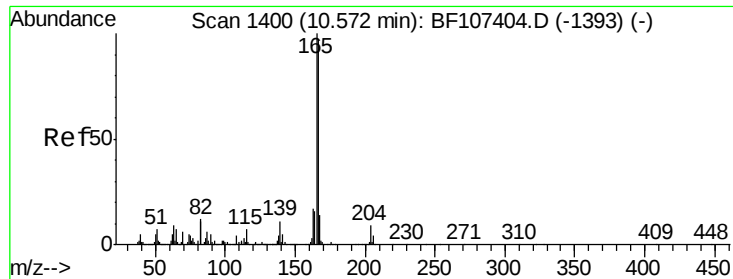
Tgt Ion:184 Resp: 420
Ion Ratio Lower Upper
184 100
63 311.3 54.2 81.2#
154 168.1 184.0 276.0#



#54
Dibenzofuran
Concen: 2.996 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF107423.D
Acq: 17 Jul 2018 00:44

Tgt Ion:168 Resp: 61488
Ion Ratio Lower Upper
168 100
139 45.3 30.1 45.1#
169 14.6 10.9 16.3





#57

Fluorene

Concen: 7.226 ng

RT: 10.57 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

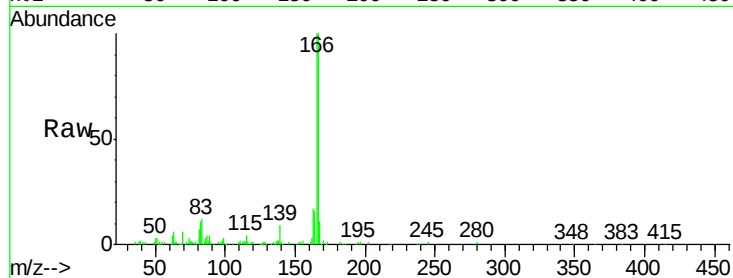
Tgt Ion:166 Resp: 98212

Ion Ratio Lower Upper

166 100

165 100.3 79.8 119.8

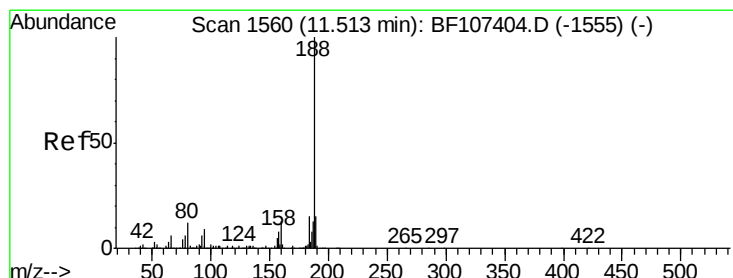
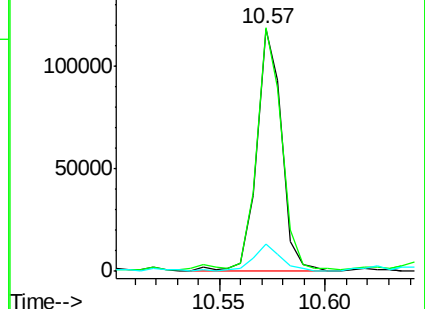
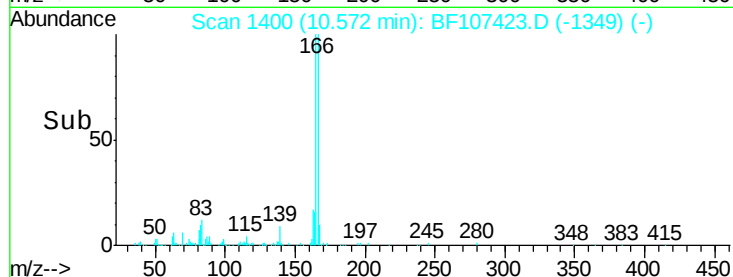
167 11.2 10.6 16.0



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: 11.52 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

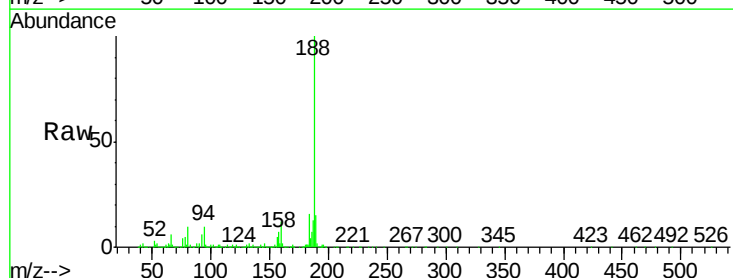
Tgt Ion:188 Resp: 402006

Ion Ratio Lower Upper

188 100

94 9.8 8.5 12.7

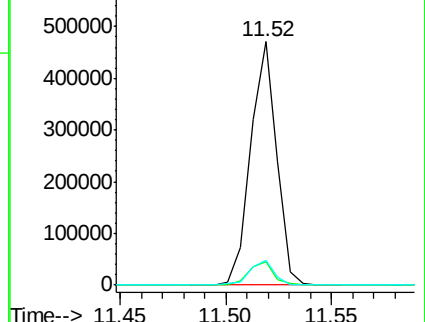
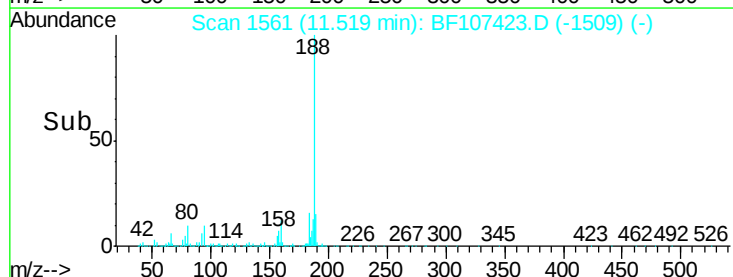
80 10.2 9.2 13.8

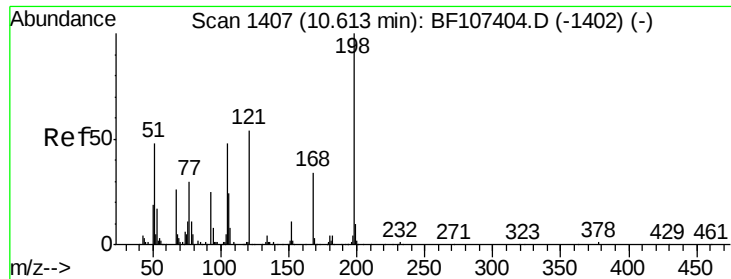


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

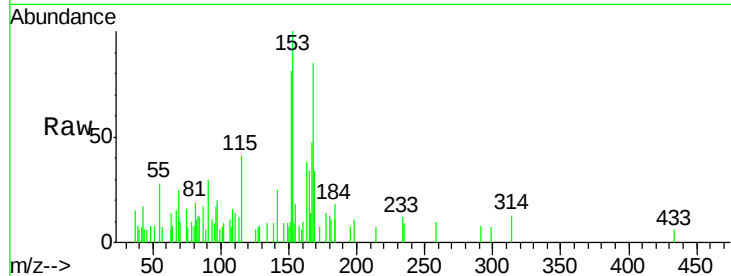




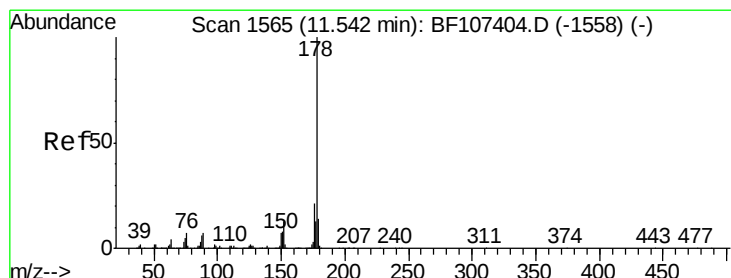
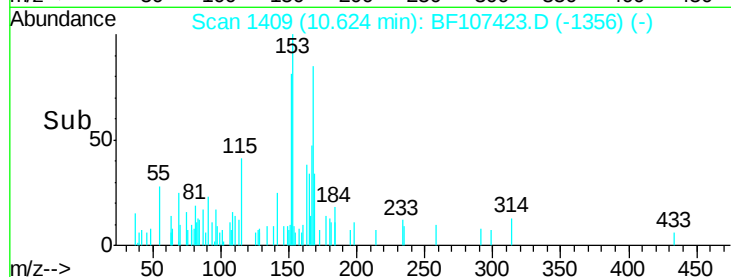
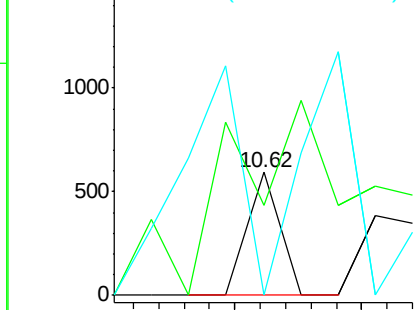
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.571 ng
 RT: 10.62 min Scan# 1409
 Delta R.T. 0.01 min
 Lab File: BF107423.D
 Acq: 17 Jul 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071218

Tgt Ion:198 Resp: 209
 Ion Ratio Lower Upper
 198 100
 51 73.0 37.7 77.7
 105 0.0 36.3 76.3#

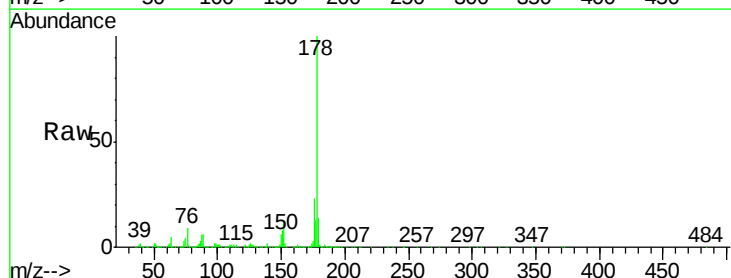


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

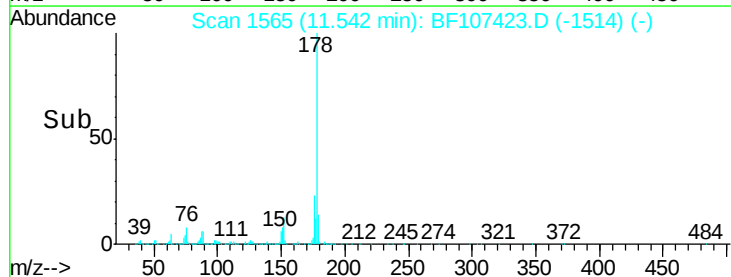
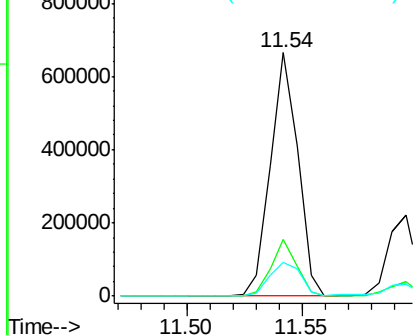


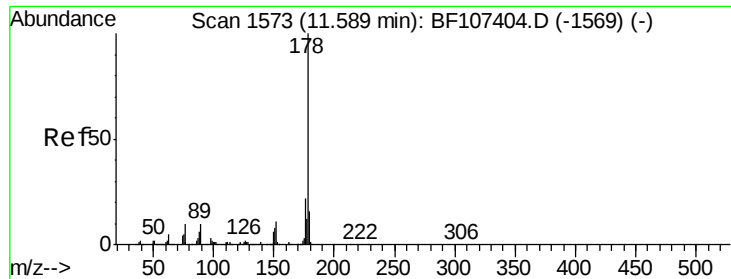
#70
 Phenanthrene
 Concen: 27.554 ng
 RT: 11.54 min Scan# 1565
 Delta R.T. -0.00 min
 Lab File: BF107423.D
 Acq: 17 Jul 2018 00:44

Tgt Ion:178 Resp: 552017
 Ion Ratio Lower Upper
 178 100
 176 23.4 15.8 23.8
 179 14.1 13.0 19.6



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

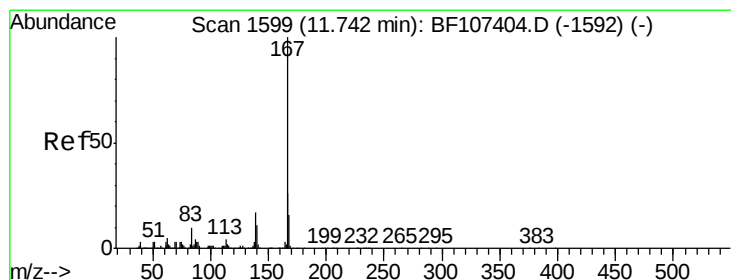
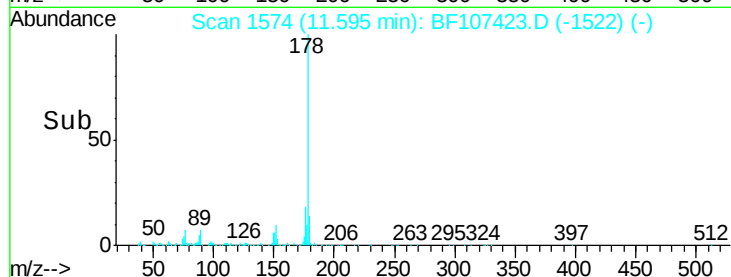
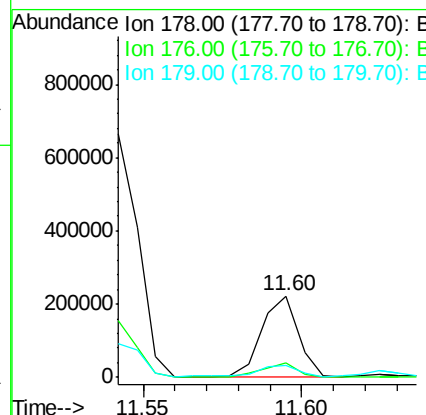
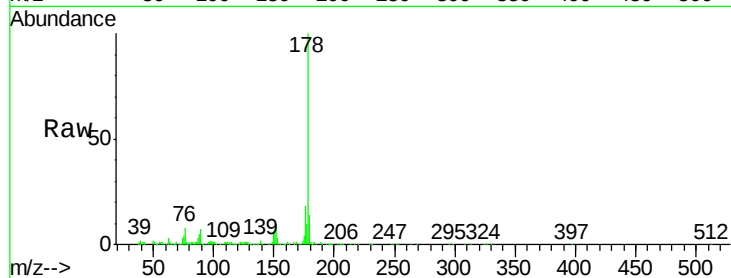




#71
 Anthracene
 Concen: 8.907 ng
 RT: 11.60 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF107423.D
 Acq: 17 Jul 2018 00:44

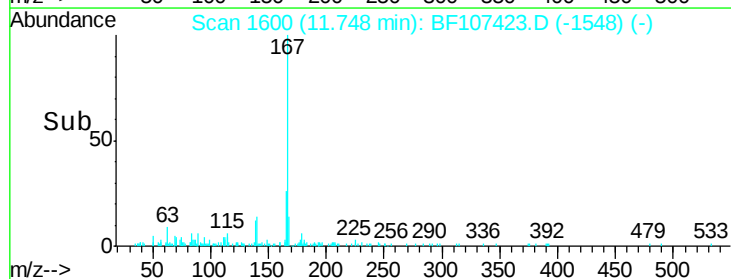
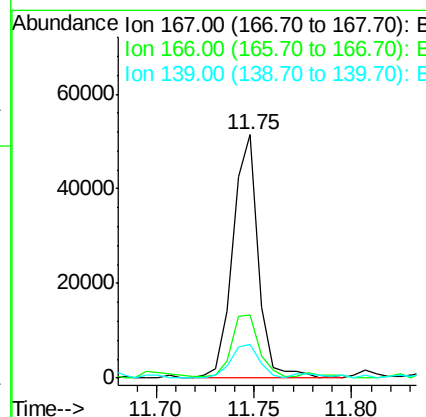
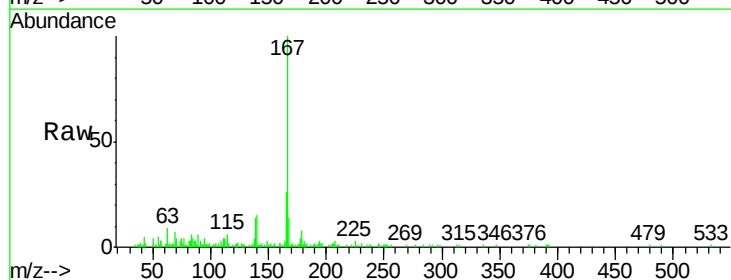
Instrument :
 BNA_F
 ClientSampleId :
 SU-04-071218

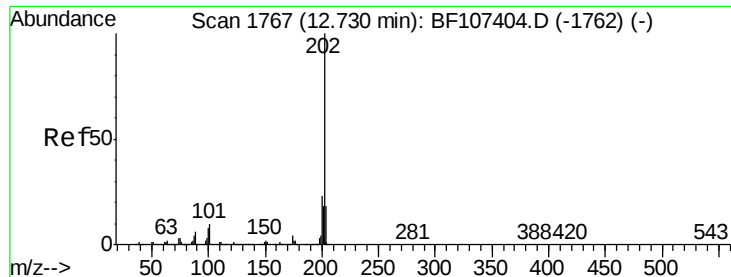
Tgt Ion:178 Resp: 177726
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.4 23.2
 179 14.4 12.6 19.0



#72
 Carbazole
 Concen: 2.474 ng
 RT: 11.75 min Scan# 1600
 Delta R.T. 0.01 min
 Lab File: BF107423.D
 Acq: 17 Jul 2018 00:44

Tgt Ion:167 Resp: 46743
 Ion Ratio Lower Upper
 167 100
 166 26.2 17.6 26.4
 139 13.6 10.9 16.3





#74

Fluoranthene

Concen: 33.261 ng

RT: 12.74 min Scan# 1768

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

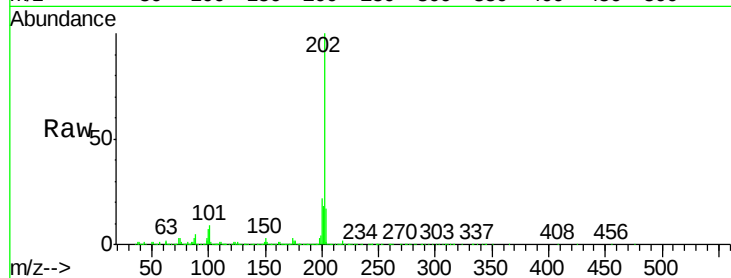
Tgt Ion:202 Resp: 757376

Ion Ratio Lower Upper

202 100

101 8.8 0.0 34.1

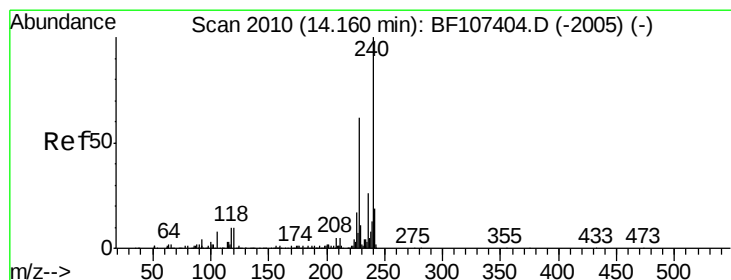
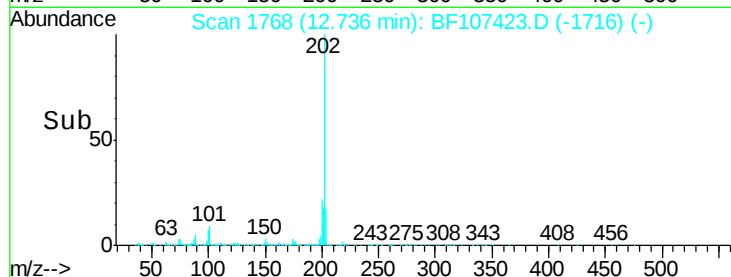
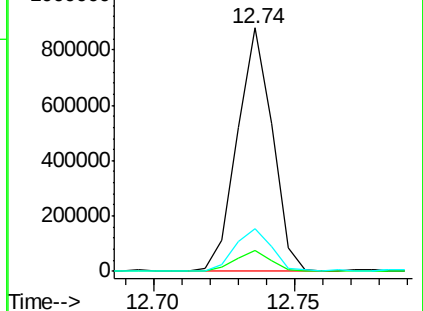
203 17.3 0.0 38.1



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# 2011

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

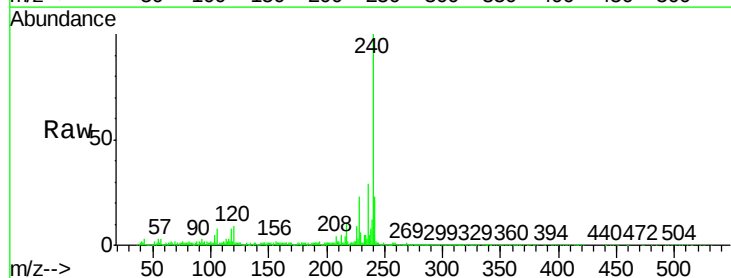
Tgt Ion:240 Resp: 384034

Ion Ratio Lower Upper

240 100

120 8.8 9.5 14.3#

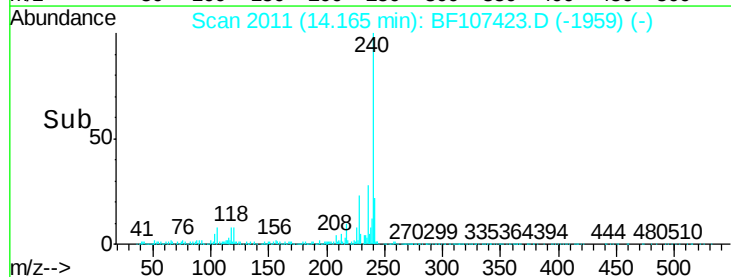
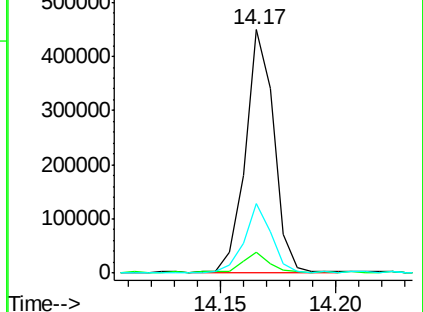
236 28.8 20.7 31.1

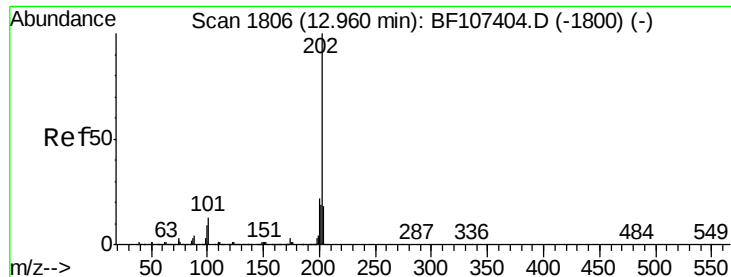


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 27.193 ng

RT: 12.97 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

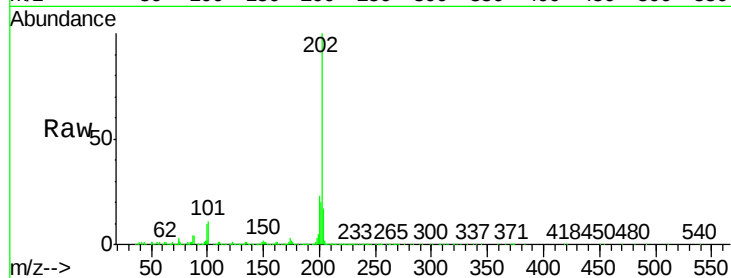
Tgt Ion:202 Resp: 710146

Ion Ratio Lower Upper

202 100

200 23.3 17.4 26.2

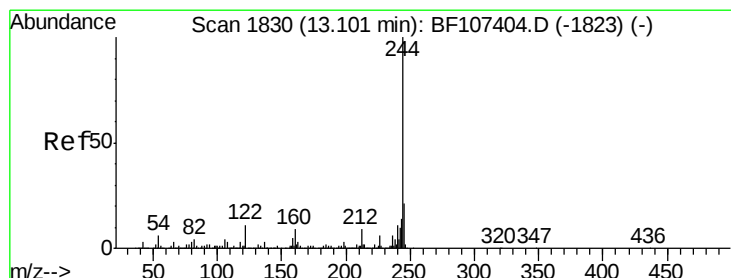
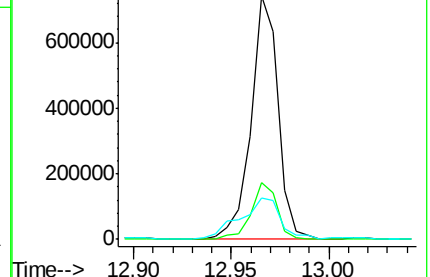
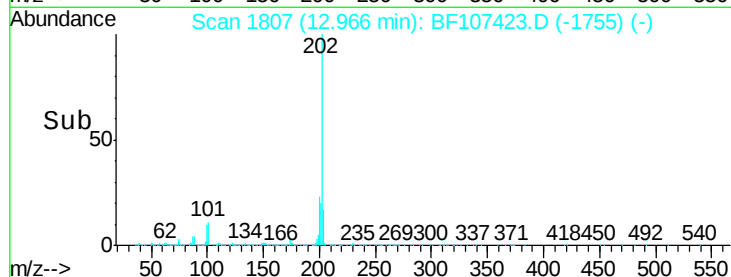
203 17.0 14.3 21.5



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: 19.103 ng

RT: 13.10 min Scan# 1830

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

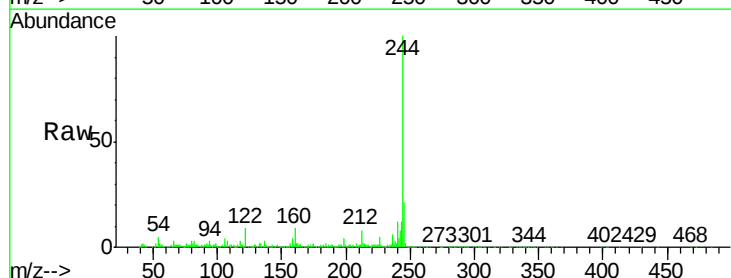
Tgt Ion:244 Resp: 295277

Ion Ratio Lower Upper

244 100

212 7.6 5.4 8.0

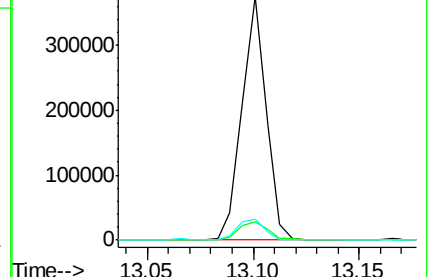
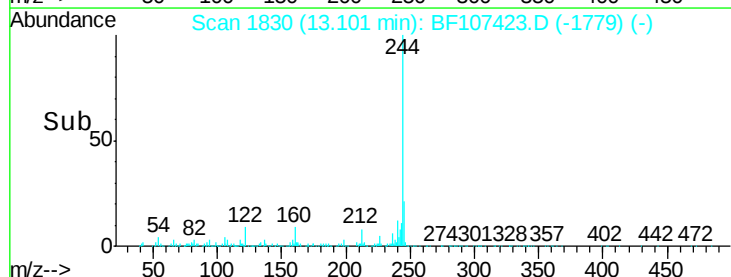
122 8.8 11.0 16.4#

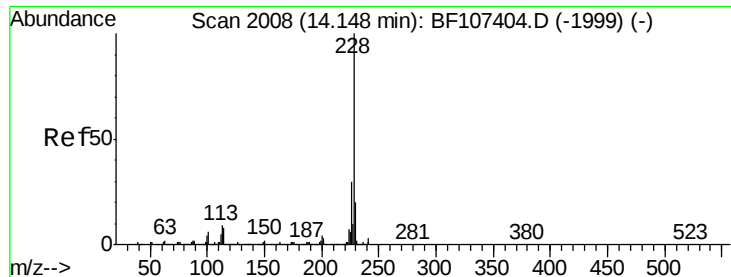


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 16.133 ng

RT: 14.15 min Scan# 2009

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

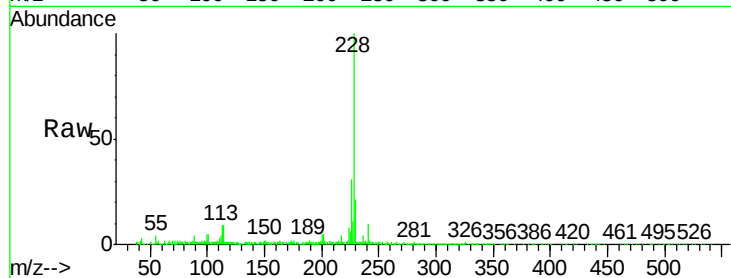
Tgt Ion:228 Resp: 379086

Ion Ratio Lower Upper

228 100

226 30.8 22.6 33.8

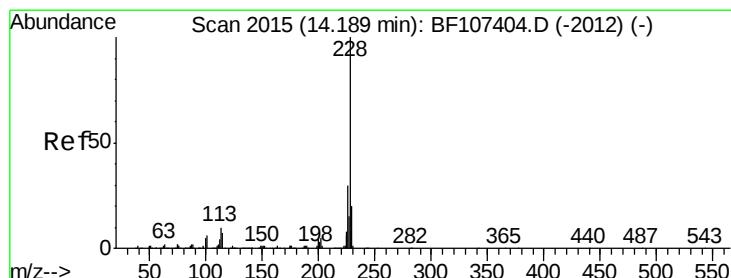
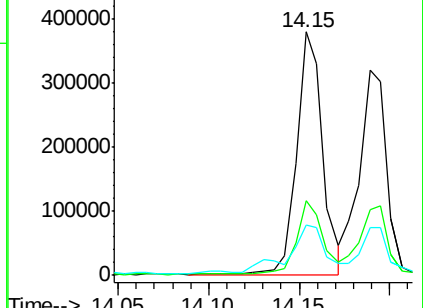
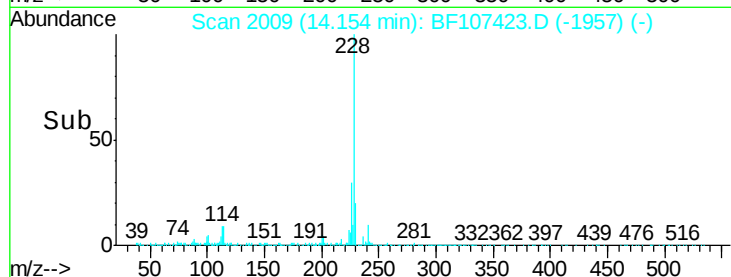
229 20.7 15.8 23.6



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: 14.916 ng

RT: 14.19 min Scan# 2015

Delta R.T. -0.00 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

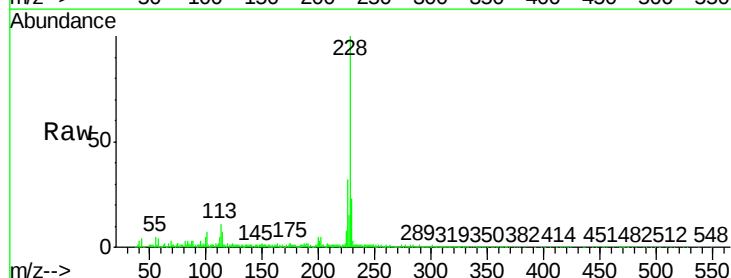
Tgt Ion:228 Resp: 334800

Ion Ratio Lower Upper

228 100

226 31.9 25.0 37.6

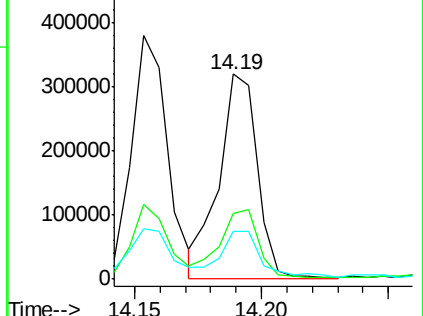
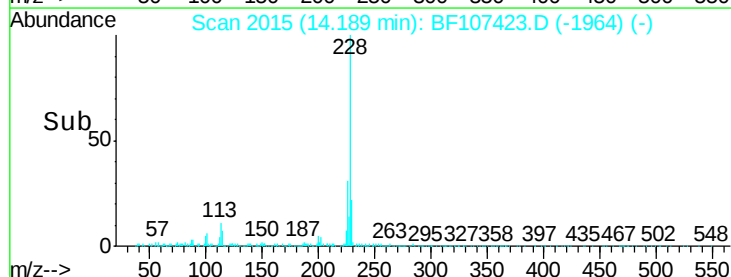
229 23.3 16.2 24.4

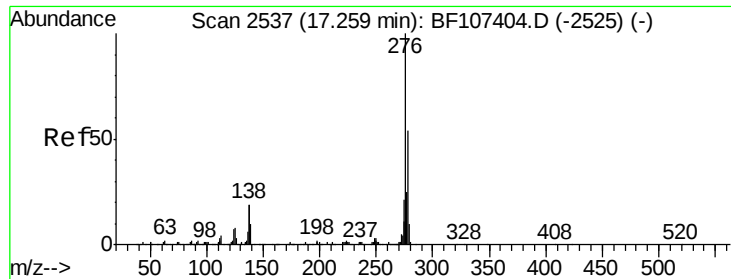


Abundance Ion 228.00 (227.70 to 228.70): E

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: 7.680 ng

RT: 17.27 min Scan# 2539

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

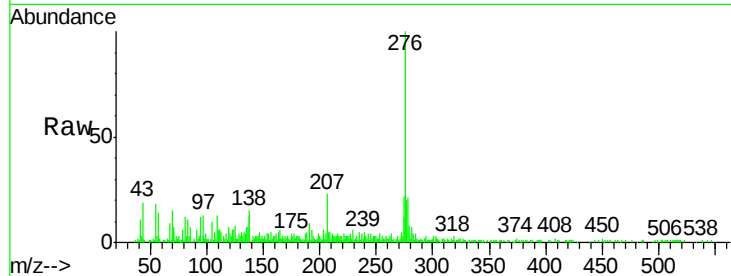
Tgt Ion:276 Resp: 122700

Ion Ratio Lower Upper

276 100

138 17.0 25.0 37.6#

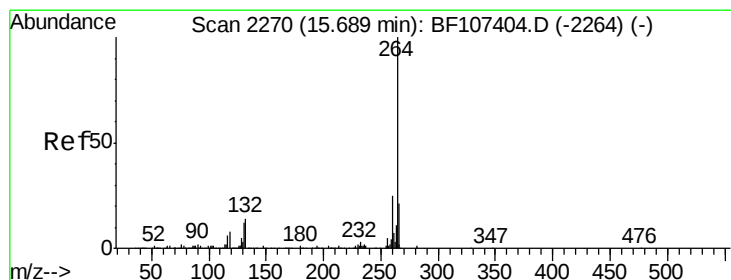
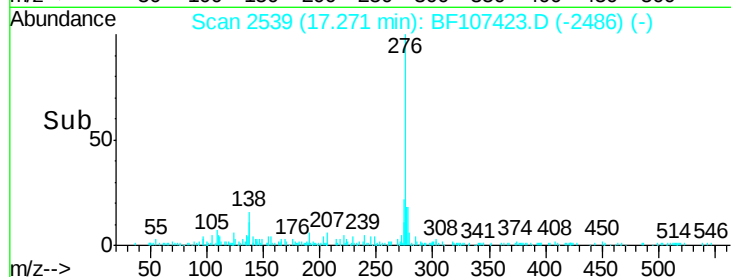
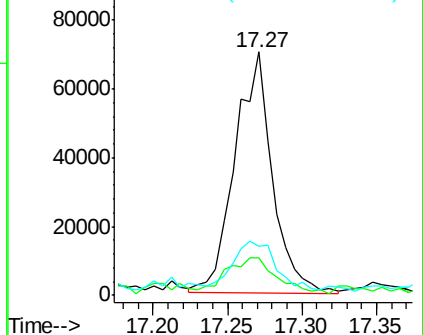
277 22.6 20.1 30.1



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: 15.70 min Scan# 2272

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

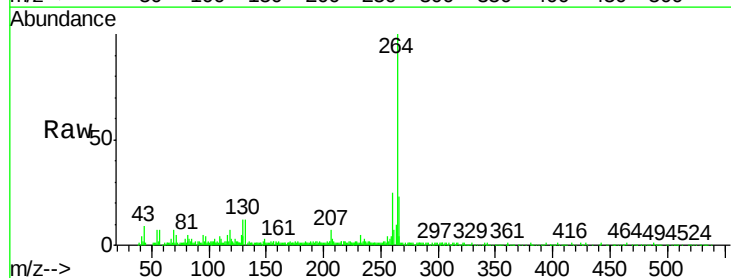
Tgt Ion:264 Resp: 292807

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

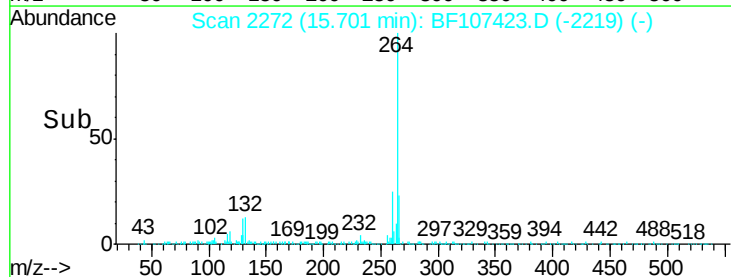
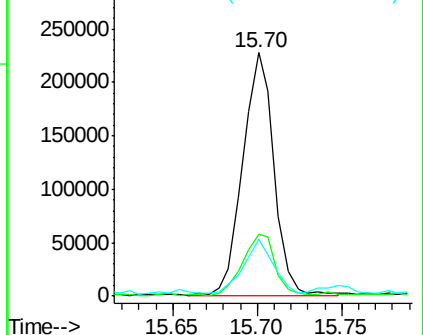
265 23.2 17.5 26.3

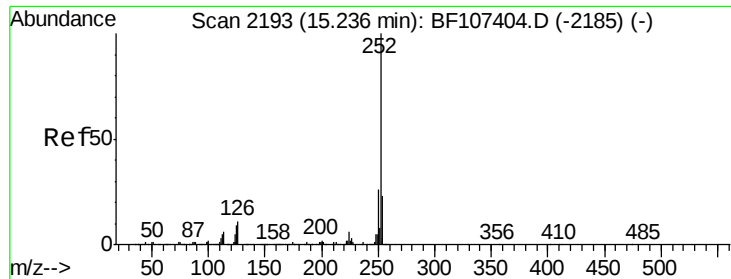


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.828 ng

RT: 15.24 min Scan# 2194

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

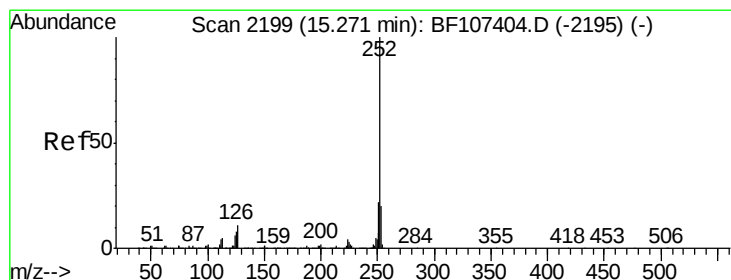
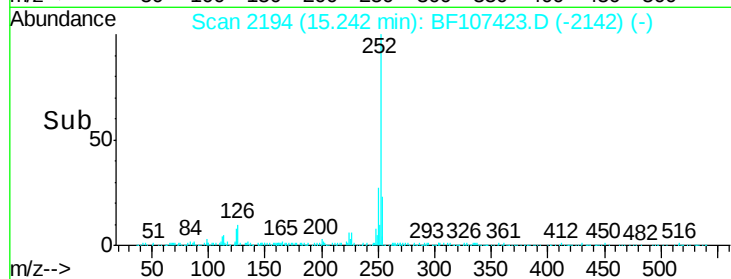
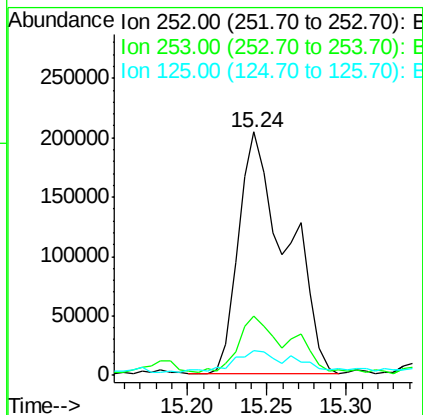
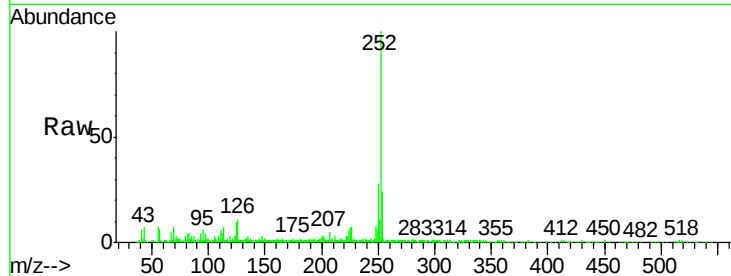
Instrument :

BNA_F

ClientSampleId :

SU-04-071218

Tgt Ion:	252	Resp:	425515
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	10.3	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 25.447 ng

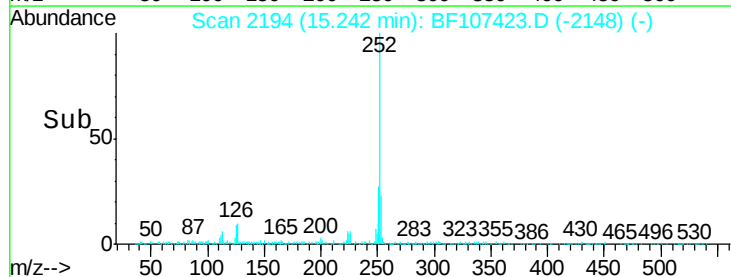
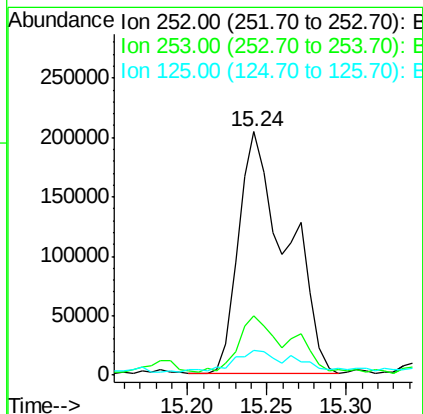
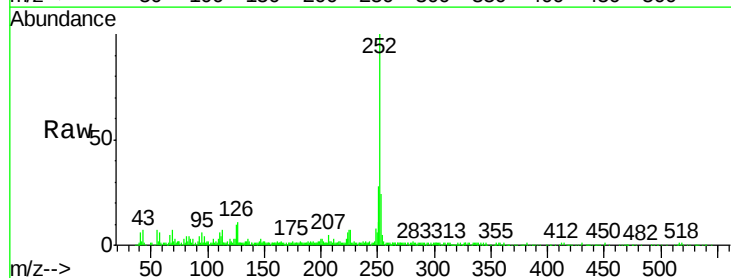
RT: 15.24 min Scan# 2194

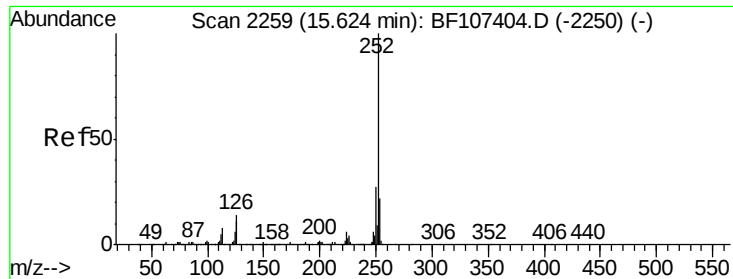
Delta R.T. -0.03 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Tgt Ion:	252	Resp:	425625
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	10.3	10.2	15.2





#89

Benzo(a)pyrene

Concen: 14.786 ng

RT: 15.63 min Scan# 2260

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

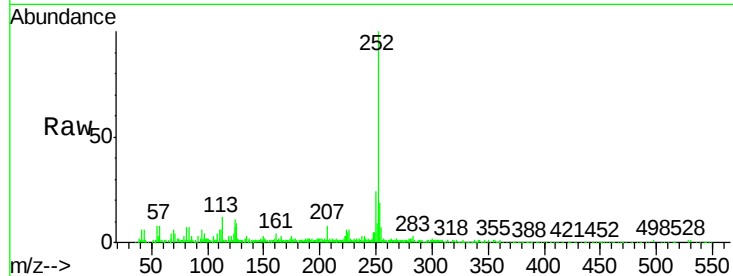
Tgt Ion:252 Resp: 232582

Ion Ratio Lower Upper

252 100

253 18.9 17.1 25.7

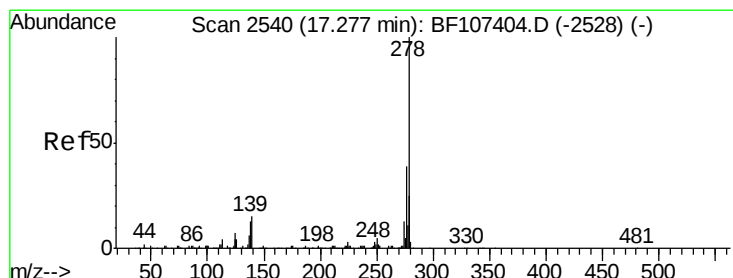
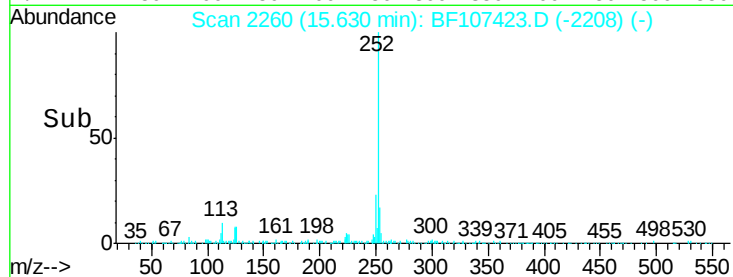
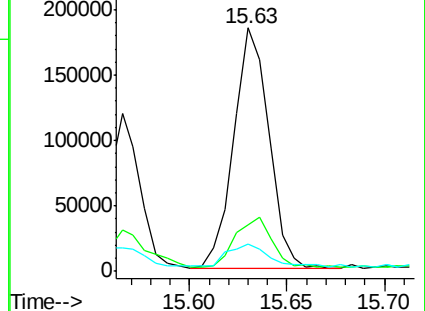
125 11.0 9.8 14.6



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: 2.749 ng

RT: 17.27 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

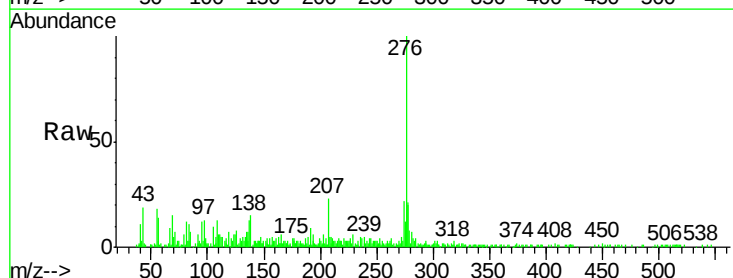
Tgt Ion:278 Resp: 32633

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

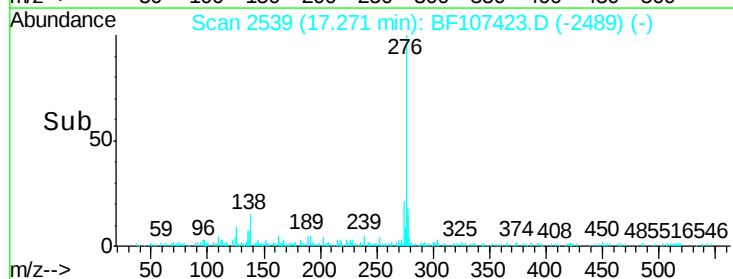
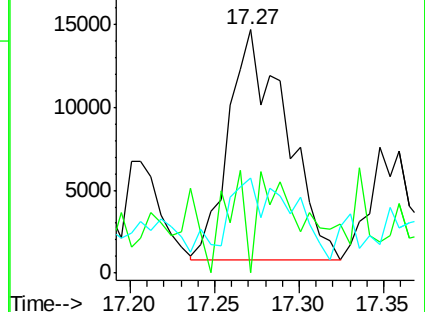
279 38.8 19.0 28.4#

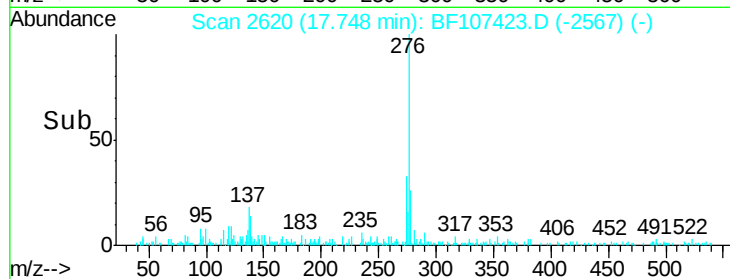
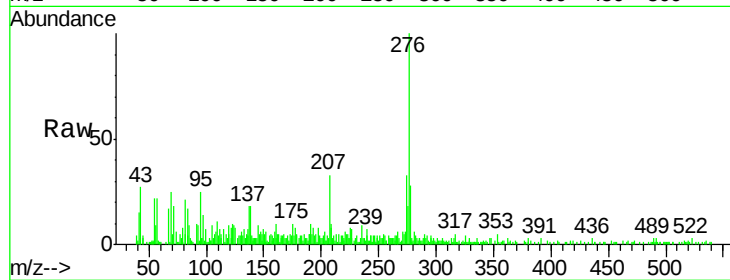
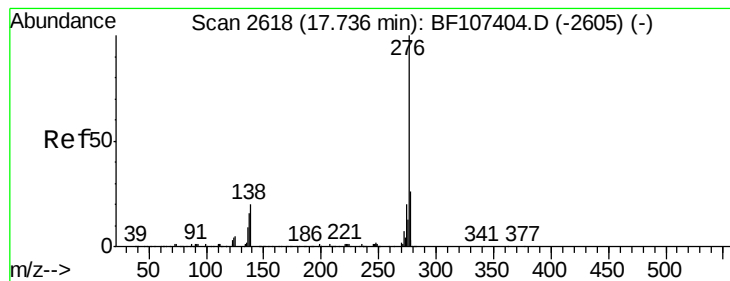


Abundance Ion 278.00 (277.70 to 278.70): E

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: 8.872 ng

RT: 17.75 min Scan# 2620

Delta R.T. 0.01 min

Lab File: BF107423.D

Acq: 17 Jul 2018 00:44

Instrument :

BNA_F

ClientSampleId :

SU-04-071218

Tgt Ion: 276 Resp: 107030

Ion Ratio Lower Upper

276 100

277 27.7 17.9 26.9#

138 17.8 21.8 32.8#

