

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071818\
 Data File : BF107469.D
 Acq On : 18 Jul 2018 11:34
 Operator : JU/SJ
 Sample : J3906-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-NEWSAN

Quant Time: Jul 18 13:07:07 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	110243	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	427062	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	216702	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	375620	20.00	ng	0.00
75) Chrysene-d12	14.18	240	229924	20.00	ng	0.01
86) Perylene-d12	15.73	264	252414	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	648808	89.38	ng	0.00
7) Phenol-d6	6.61	99	893357	95.19	ng	0.00
23) Nitrobenzene-d5	7.55	82	658250	82.19	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	180922	95.02	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1014109	77.01	ng	0.00
78) Terphenyl-d14	13.11	244	763395	82.49	ng	0.00

Target Compounds

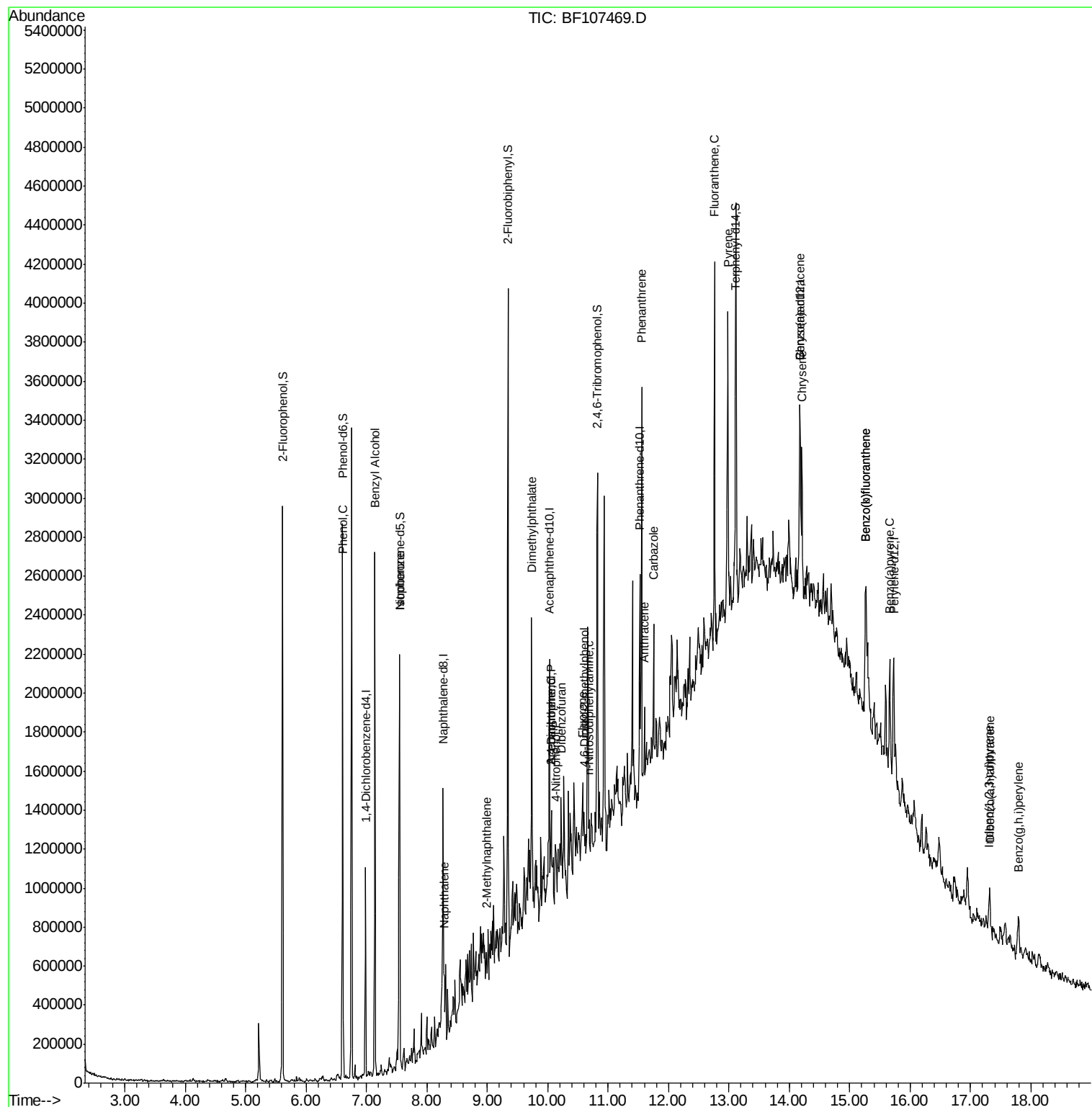
						Qvalue
10) Phenol	6.62	94	22253	2.212	ng	# 73
15) Benzyl Alcohol	7.14	79	18889	2.004	ng	# 43
25) Isophorone	7.55	82	658250	41.466	ng	# 65
31) Naphthalene	8.29	128	69262	3.339	ng	# 97
37) 2-Methylnaphthalene	8.98	142	38489	2.815	ng	# 76
49) Dimethylphthalate	9.74	163	209270	12.154	ng	# 95
51) Acenaphthene	10.06	154	47218	3.449	ng	# 70
53) 2,4-Dinitrophenol	10.05	184	460	2.833	ng	# 1
54) Dibenzofuran	10.24	168	51211	2.421	ng	# 90
55) 4-Nitrophenol	10.14	139	11288	4.042	ng	# 18
57) Fluorene	10.58	166	65438	4.670	ng	# 92
64) 4,6-Dinitro-2-methylphenol	10.61	198	1328	8.046	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	41816	3.525	ng	# 45
70) Phenanthrene	11.55	178	724230	38.689	ng	# 97
71) Anthracene	11.60	178	159222	8.540	ng	# 98
72) Carbazole	11.75	167	71366	4.043	ng	# 82
74) Fluoranthene	12.77	202	869906	40.886	ng	# 92
77) Pyrene	12.98	202	761400	48.698	ng	# 99
80) Benzo(a)anthracene	14.17	228	347454	24.698	ng	# 96
82) Chrysene	14.21	228	313809	23.351	ng	# 94
85) Indeno(1,2,3-cd)pyrene	17.31	276	180196	18.838	ng	# 86
87) Benzo(b)fluoranthene	15.27	252	551489	37.328	ng	# 99
88) Benzo(k)fluoranthene	15.27	252	551489	38.249	ng	# 96
89) Benzo(a)pyrene	15.67	252	294990	21.754	ng	# 97
90) Dibenzo(a,h)anthracene	17.32	278	47431	4.635	ng	# 88
91) Benzo(g,h,i)perylene	17.79	276	172564	16.594	ng	# 87

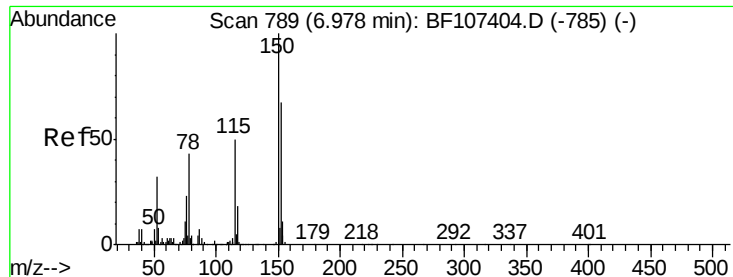
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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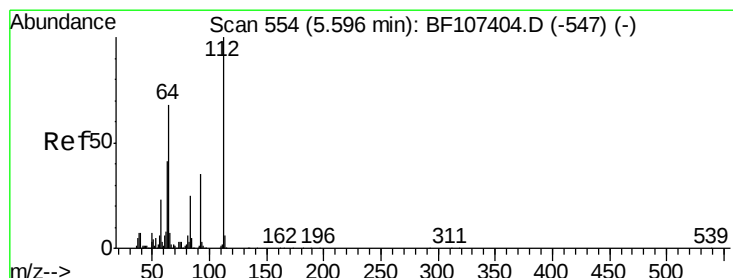
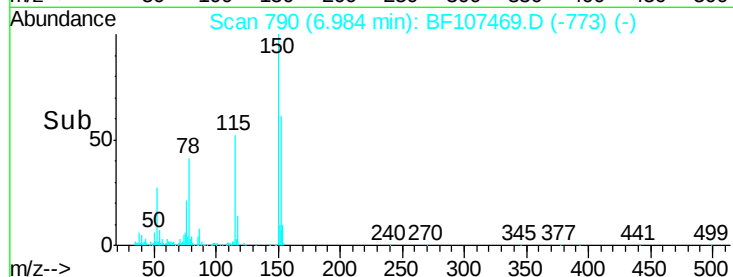
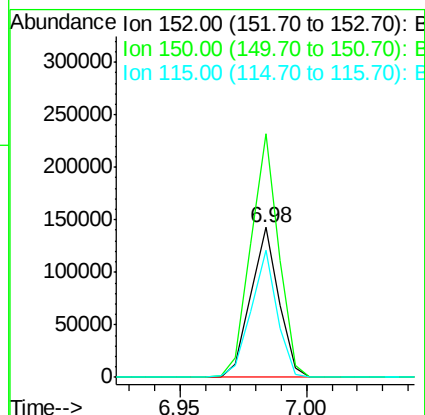
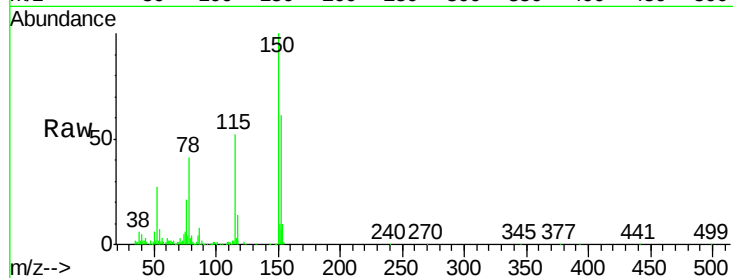


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-NEWSAN

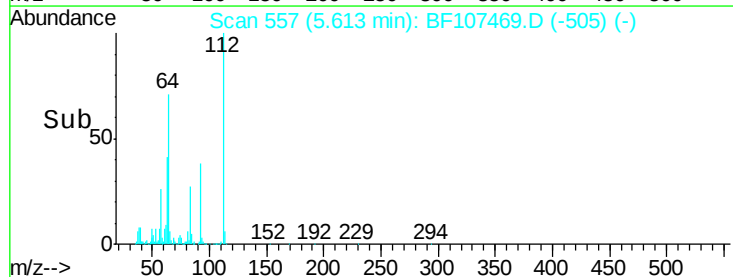
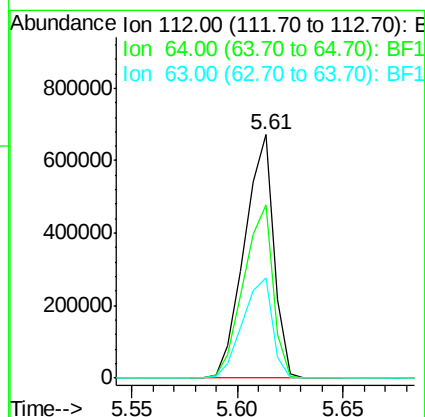
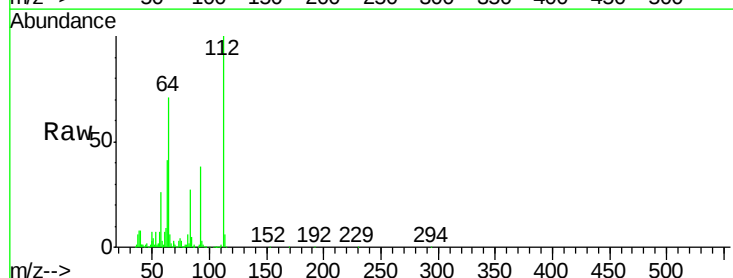
Tgt Ion:152 Resp: 110243
 Ion Ratio Lower Upper
 152 100
 150 162.6 124.6 186.8
 115 84.8 50.1 75.1#

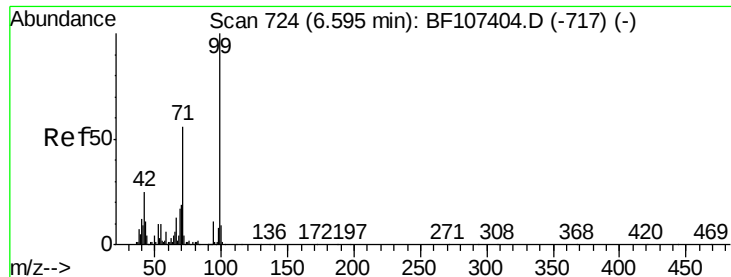


#5

2-Fluorophenol
 Concen: 89.382 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

Tgt Ion:112 Resp: 648808
 Ion Ratio Lower Upper
 112 100
 64 71.2 47.9 71.9
 63 41.4 23.7 35.5#





#7

Phenol-d6

Concen: 95.191 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

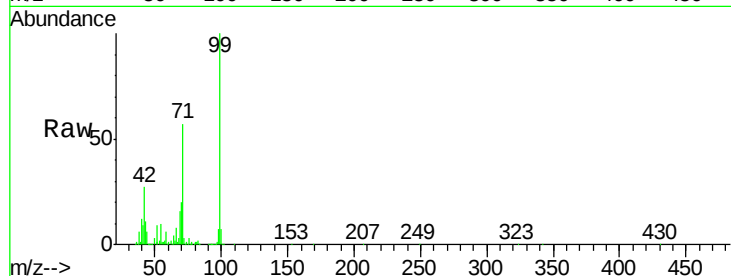
Tgt Ion: 99 Resp: 893357

Ion Ratio Lower Upper

99 100

42 26.6 14.5 21.7#

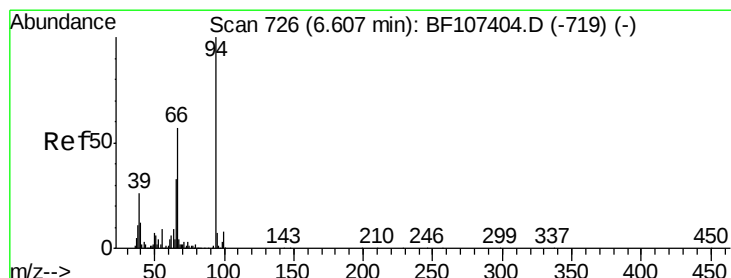
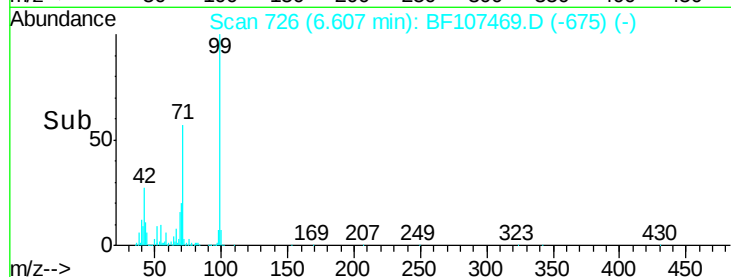
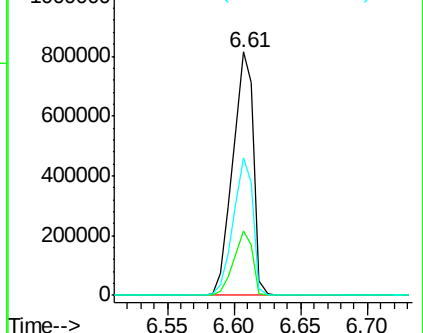
71 56.6 25.4 38.0#



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.212 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

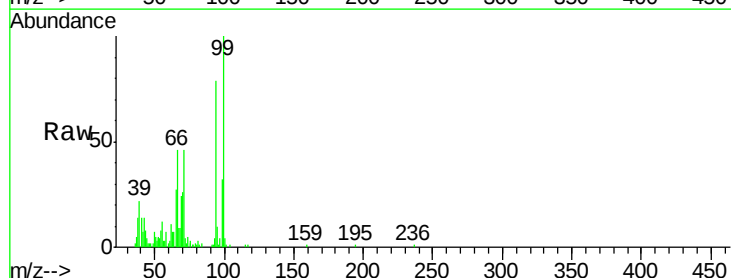
Tgt Ion: 94 Resp: 22253

Ion Ratio Lower Upper

94 100

65 33.8 7.9 47.9

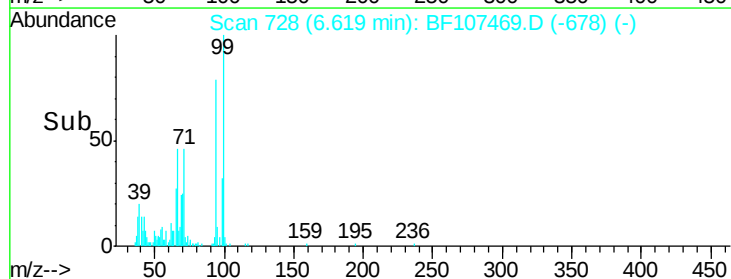
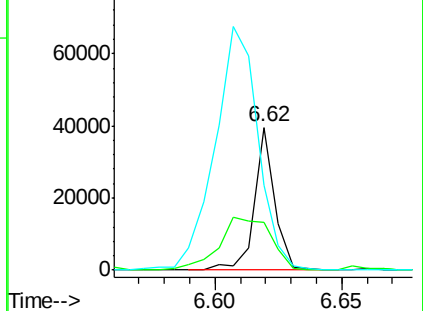
66 59.1 16.2 56.2#

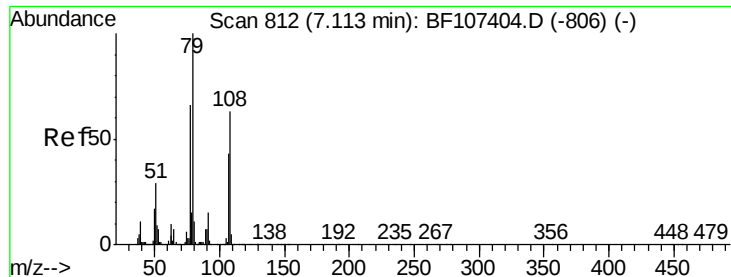


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#15

Benzyl Alcohol

Concen: 2.004 ng

RT: 7.14 min Scan# 817

Delta R.T. 0.02 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

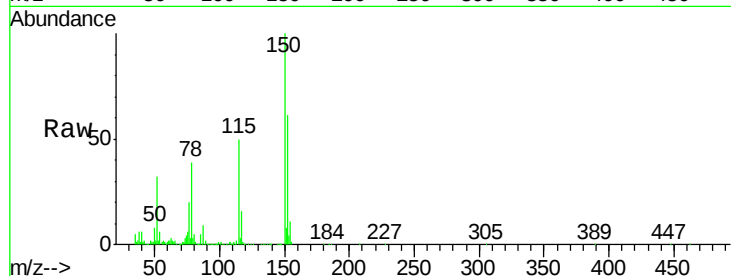
Tgt Ion: 79 Resp: 18889

Ion Ratio Lower Upper

79 100

108 53.2 65.1 97.7#

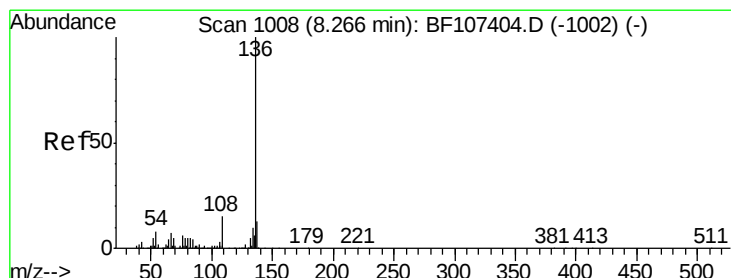
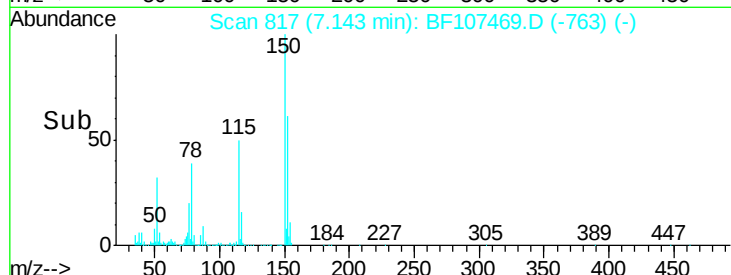
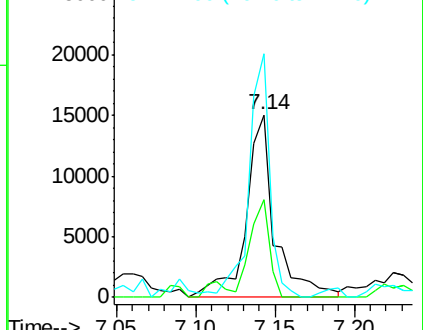
77 133.4 50.6 75.8#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Tgt Ion: 136 Resp: 427062

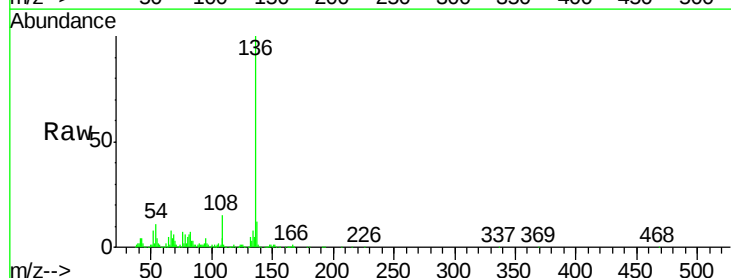
Ion Ratio Lower Upper

136 100

137 11.9 8.9 13.3

54 10.7 6.6 9.8#

68 5.9 5.0 7.4

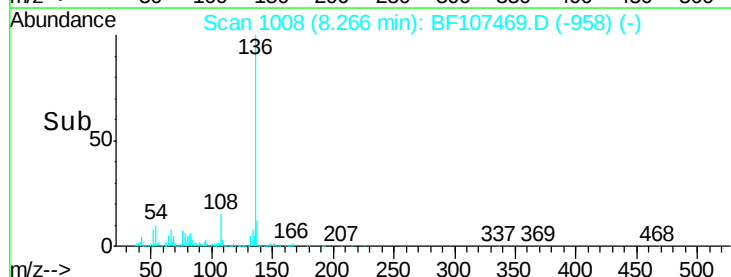
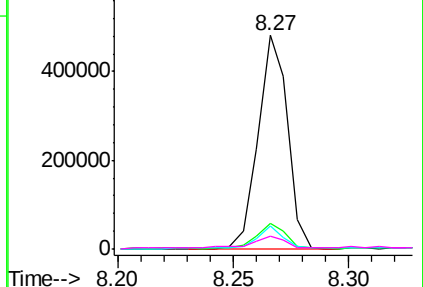


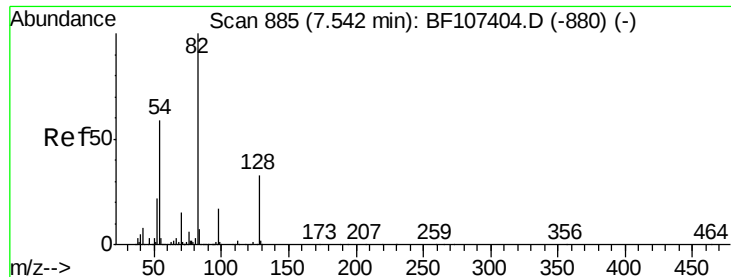
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

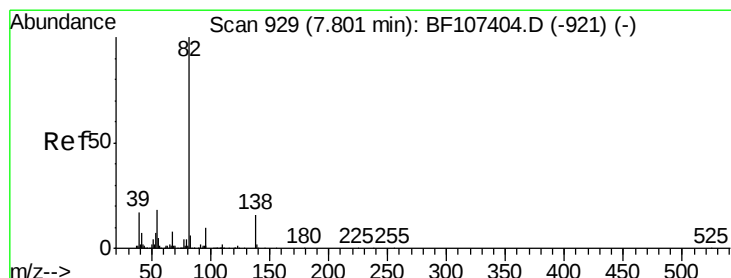
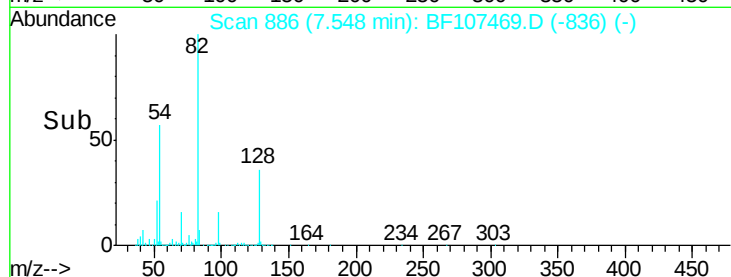
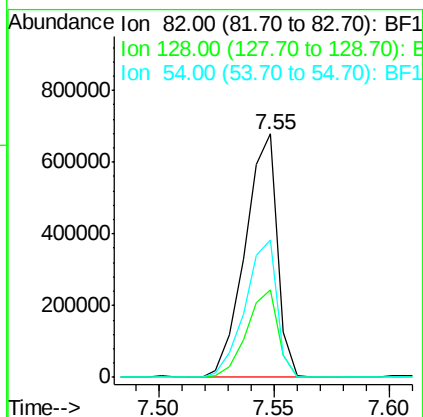
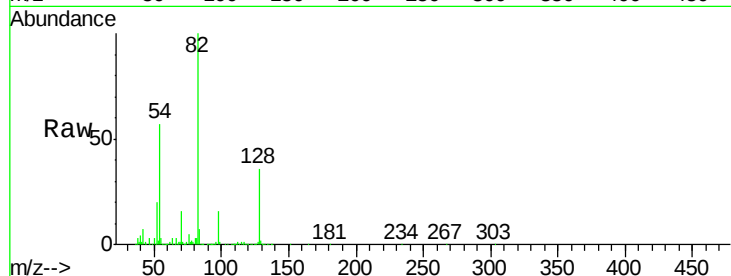




#23
 Nitrobenzene-d5
 Concen: 82.191 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

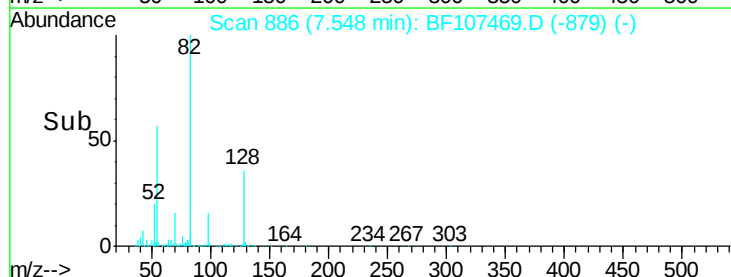
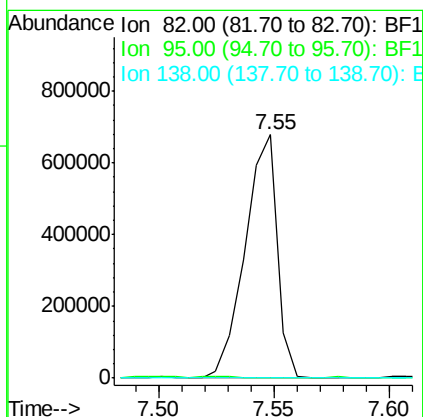
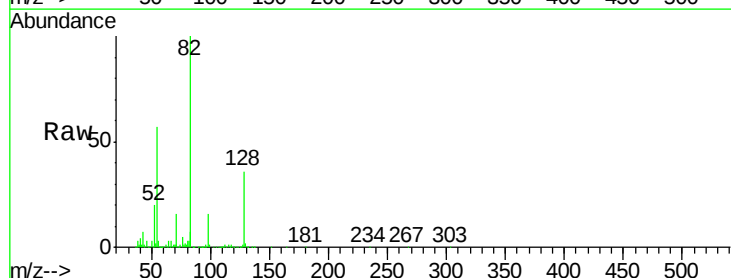
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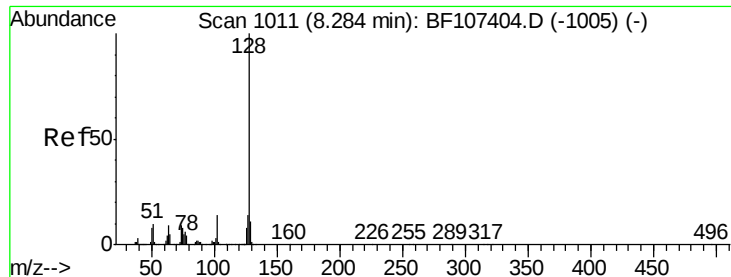
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1#
54	56.6	41.4	62.2



#25
 Isophorone
 Concen: 41.466 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.26 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.2	7.8#
138	0.0	14.9	22.3#

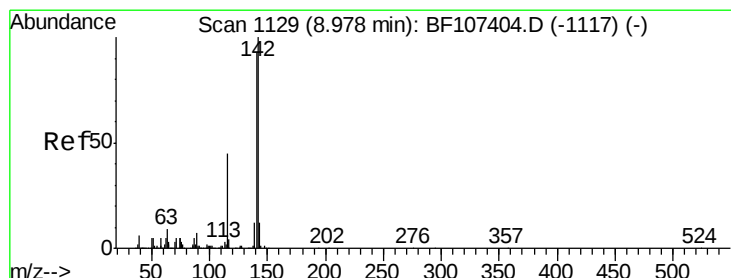
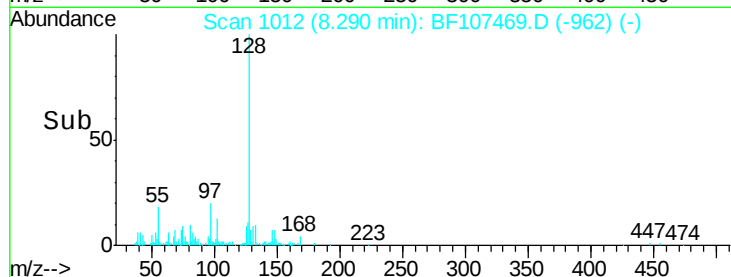
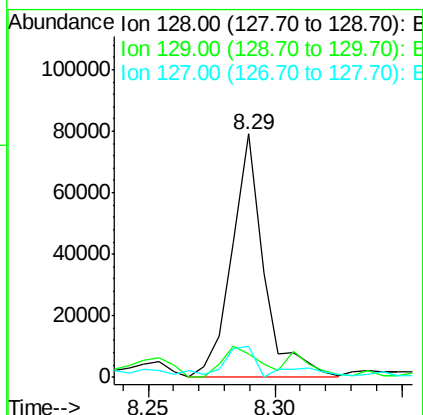
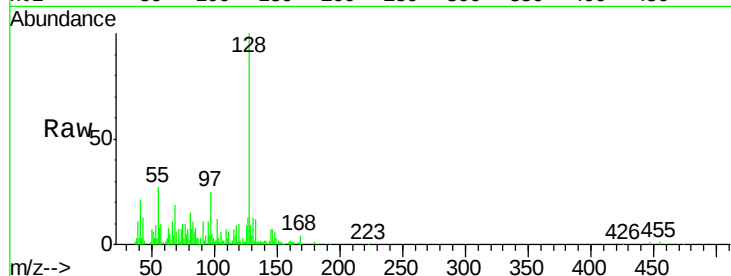




#31
Naphthalene
Concen: 3.339 ng
RT: 8.29 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

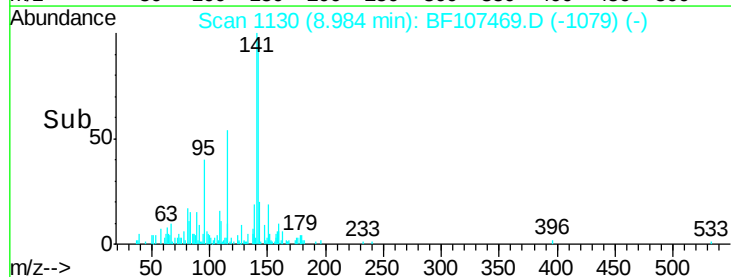
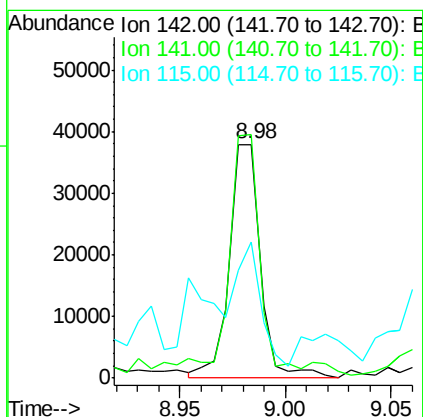
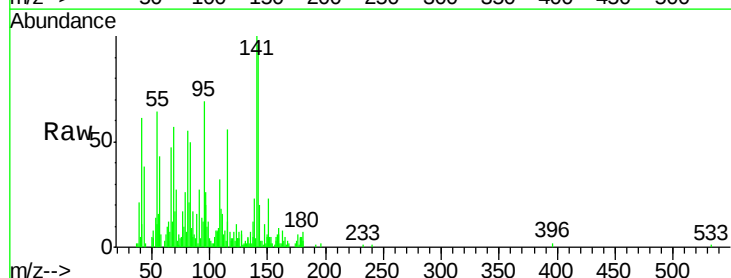
Instrument :
BNA_F
ClientSampleId :
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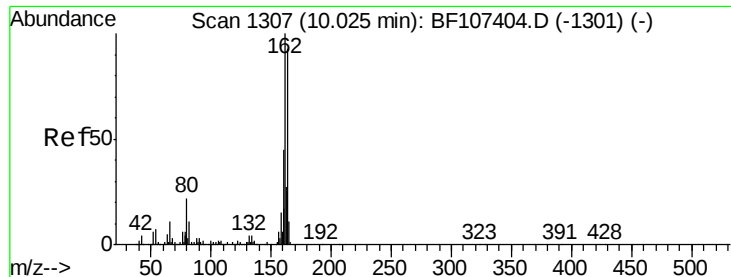
Tgt Ion:128 Resp: 69262
Ion Ratio Lower Upper
128 100
129 9.5 8.8 13.2
127 12.8 10.9 16.3



#37
2-Methylnaphthalene
Concen: 2.815 ng
RT: 8.98 min Scan# 1130
Delta R.T. 0.00 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

Tgt Ion:142 Resp: 38489
Ion Ratio Lower Upper
142 100
141 104.2 70.8 106.2
115 58.0 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: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

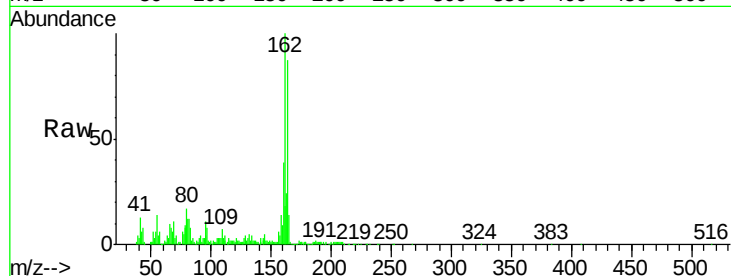
Tgt Ion:164 Resp: 216702

Ion Ratio Lower Upper

164 100

162 115.2 86.1 129.1

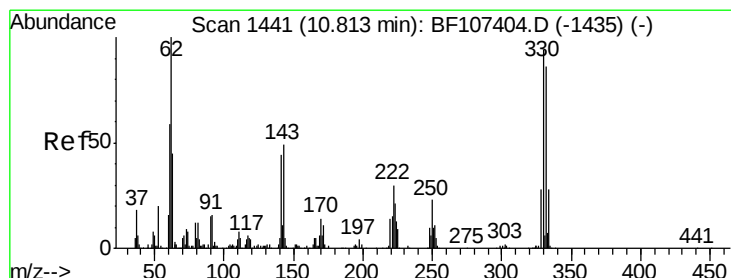
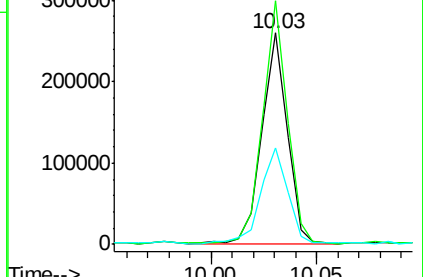
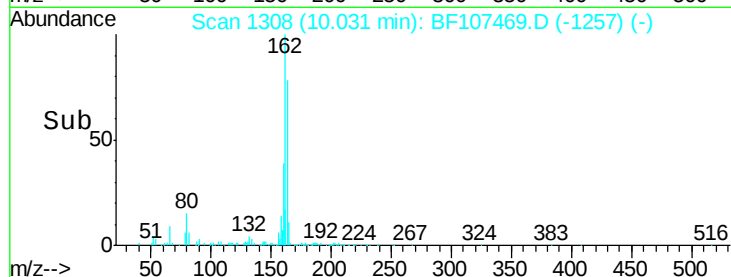
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 95.023 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

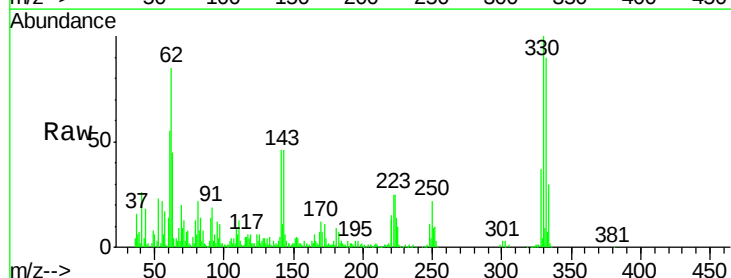
Tgt Ion:330 Resp: 180922

Ion Ratio Lower Upper

330 100

332 95.9 77.0 115.6

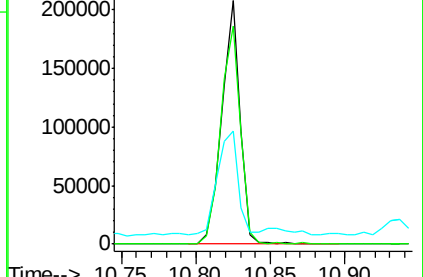
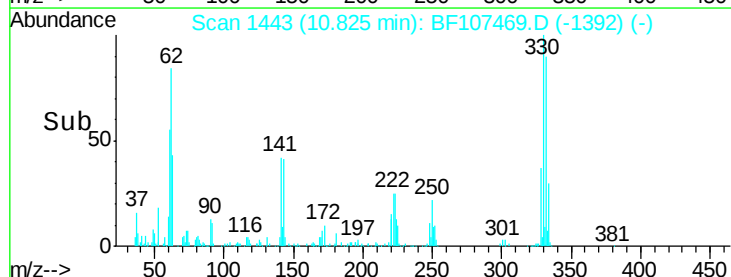
141 48.3 29.9 44.9#

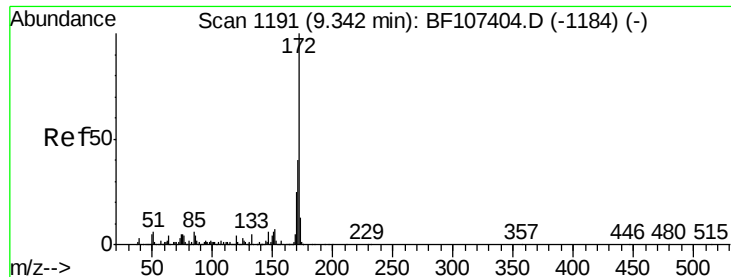


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

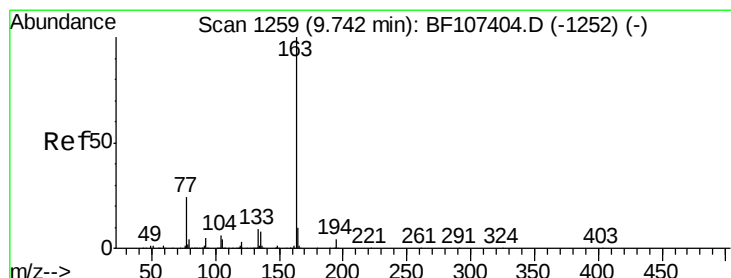
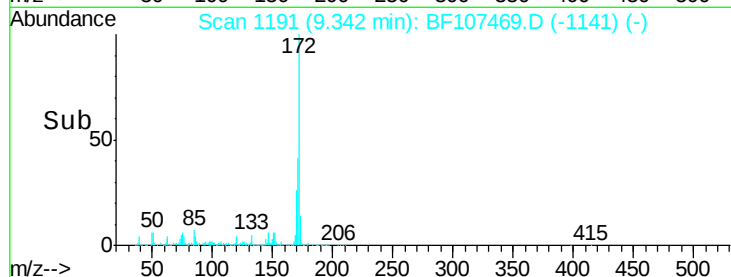
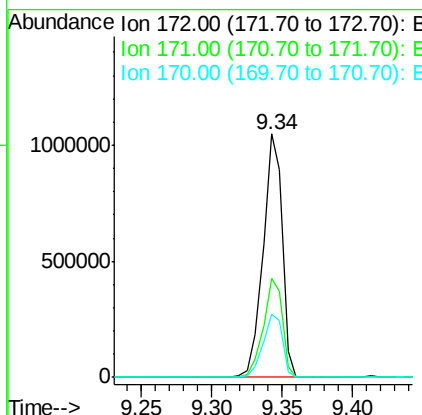
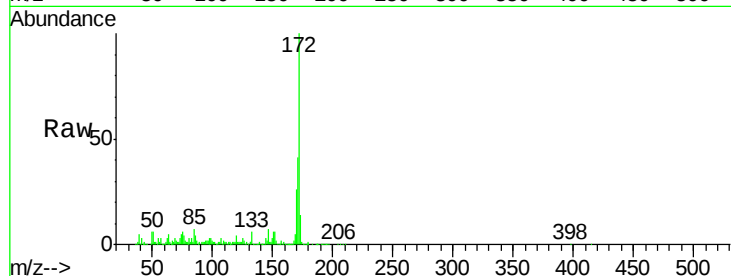




#44
2-Fluorobiphenyl
Concen: 77.008 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

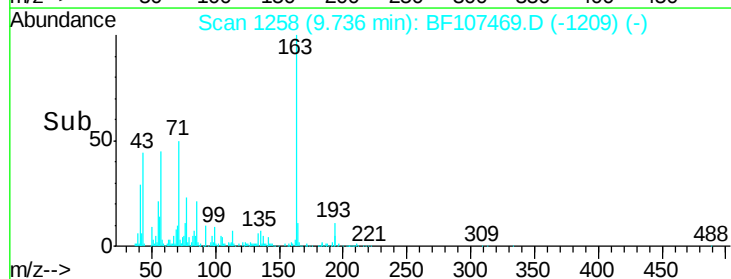
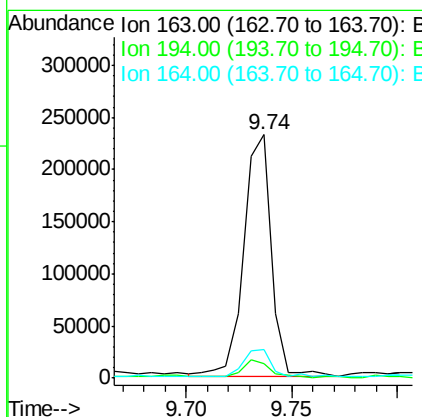
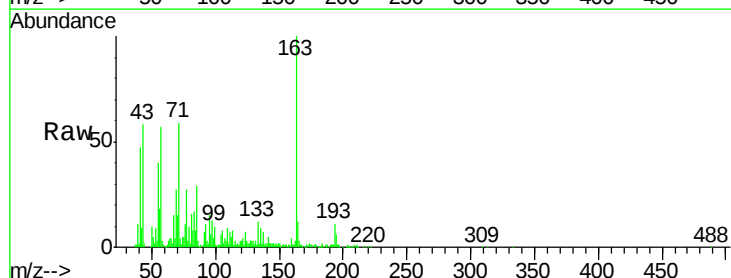
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-NEWSAN

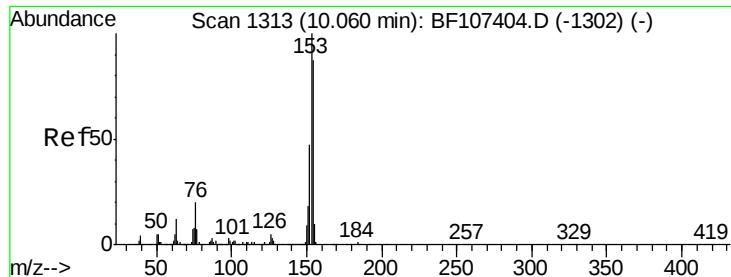
Tgt Ion:172 Resp: 1014109
Ion Ratio Lower Upper
172 100
171 40.9 29.7 44.5
170 26.1 19.6 29.4



#49
Dimethylphthalate
Concen: 12.154 ng
RT: 9.74 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

Tgt Ion:163 Resp: 209270
Ion Ratio Lower Upper
163 100
194 6.1 2.7 4.1#
164 11.6 8.2 12.2





#51

Acenaphthene

Concen: 3.449 ng

RT: 10.06 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

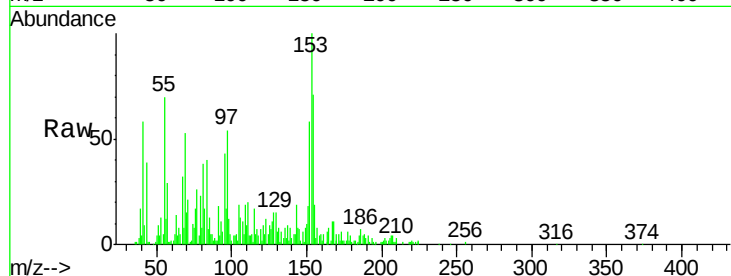
Tgt Ion:154 Resp: 47218

Ion Ratio Lower Upper

154 100

153 141.8 91.2 136.8#

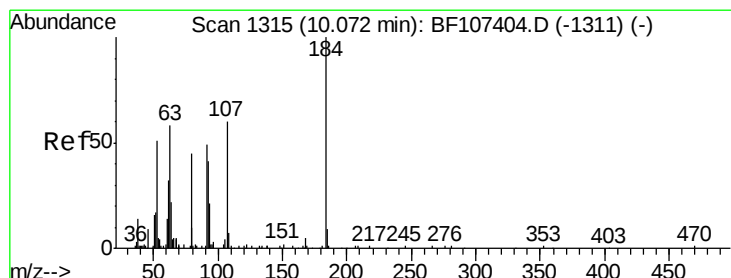
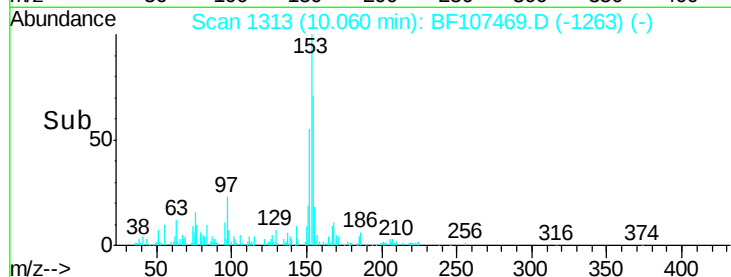
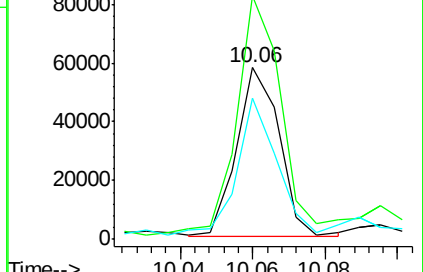
152 82.5 43.8 65.8#



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 2.833 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

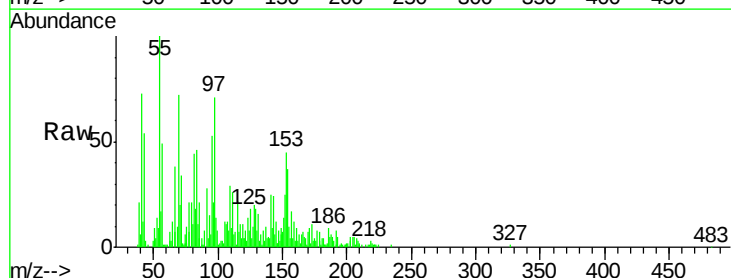
Tgt Ion:184 Resp: 460

Ion Ratio Lower Upper

184 100

63 559.3 54.2 81.2#

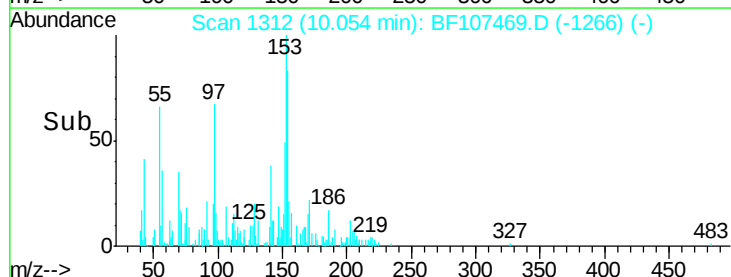
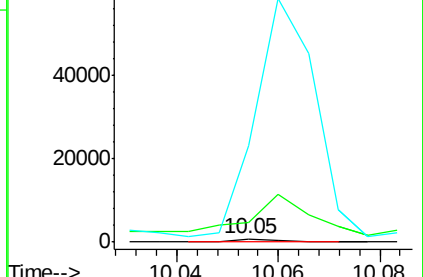
154 2852.0 184.0 276.0#

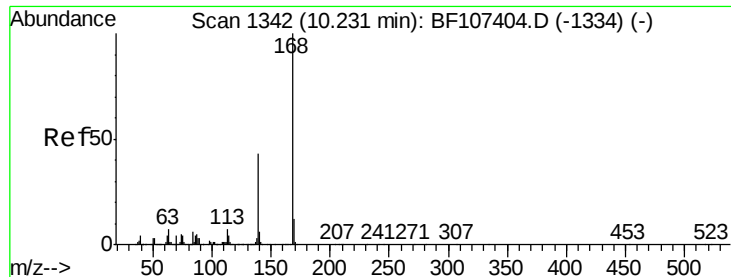


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 2.421 ng

RT: 10.24 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

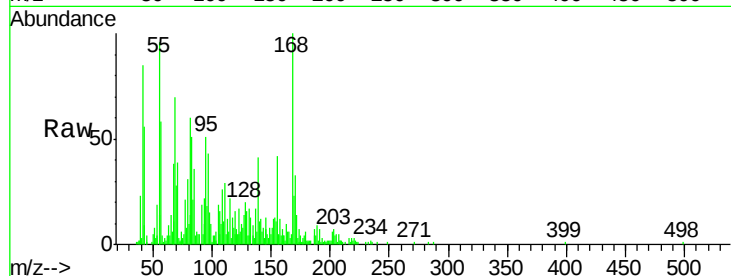
Tgt Ion:168 Resp: 51211

Ion Ratio Lower Upper

168 100

139 40.9 30.1 45.1

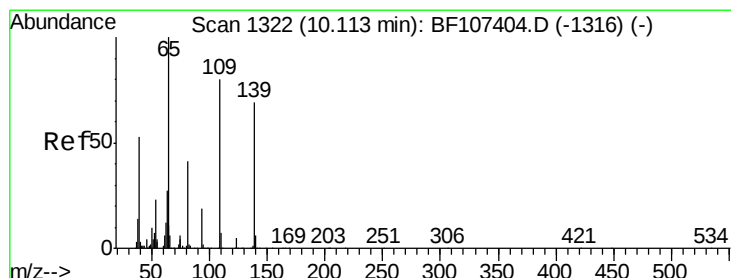
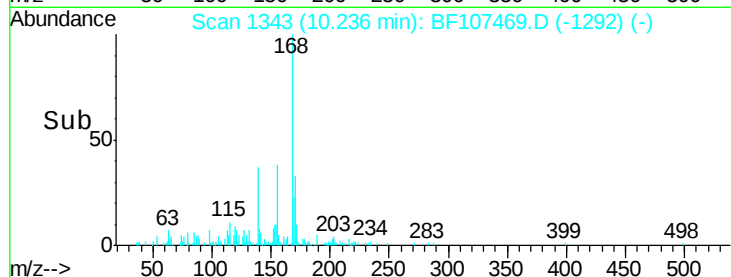
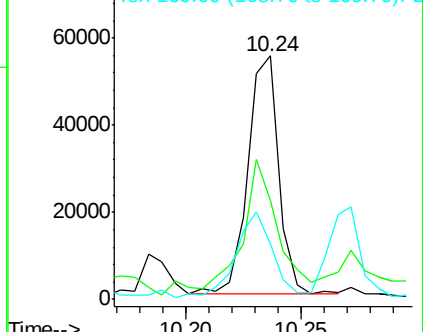
169 23.0 10.9 16.3#



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



#55

4-Nitrophenol

Concen: 4.042 ng

RT: 10.14 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

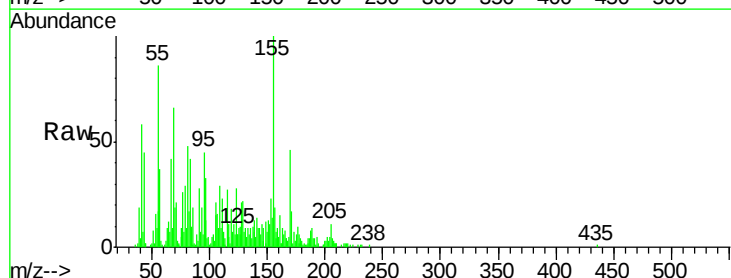
Tgt Ion:139 Resp: 11288

Ion Ratio Lower Upper

139 100

109 217.9 48.4 88.4#

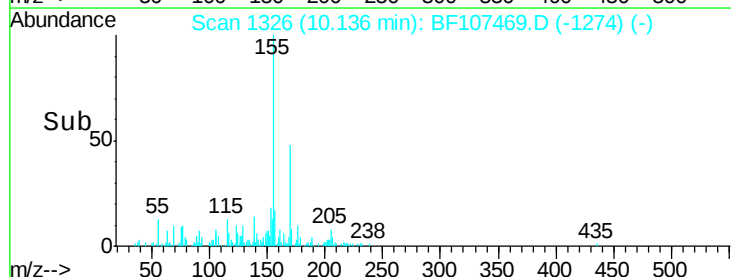
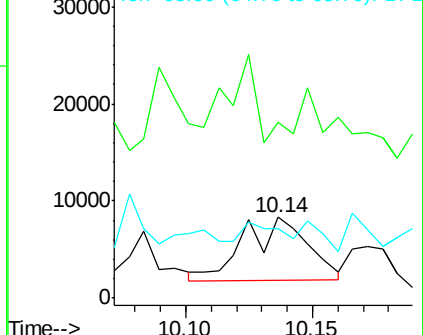
65 86.1 72.6 112.6

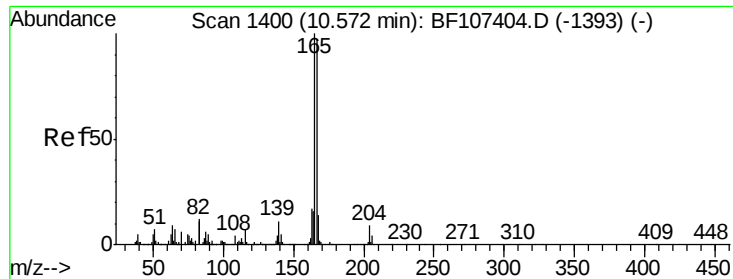


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

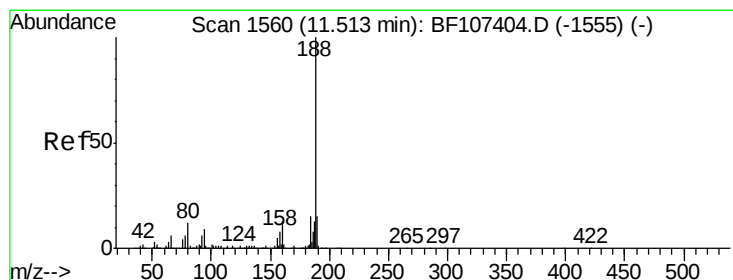
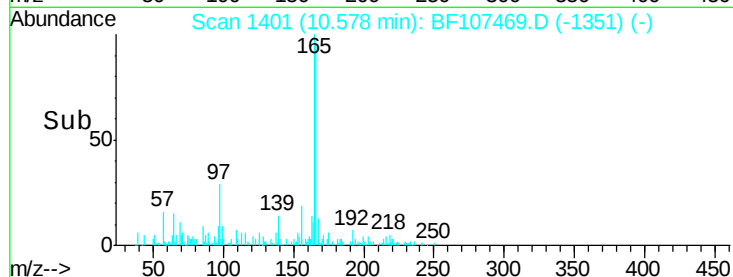
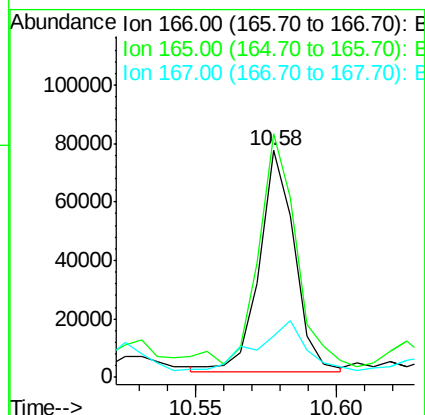
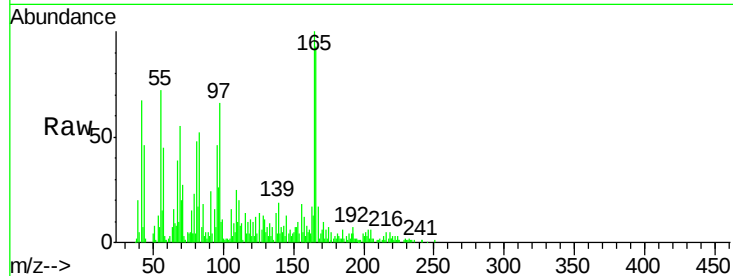




#57
 Fluorene
 Concen: 4.670 ng
 RT: 10.58 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

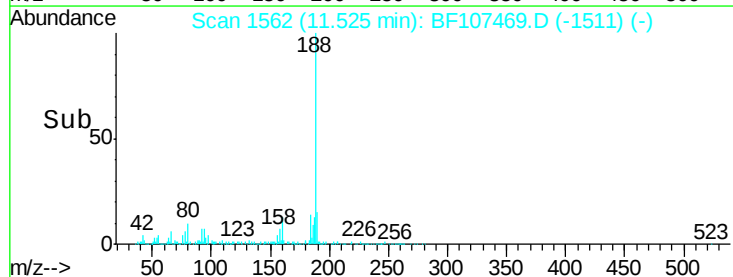
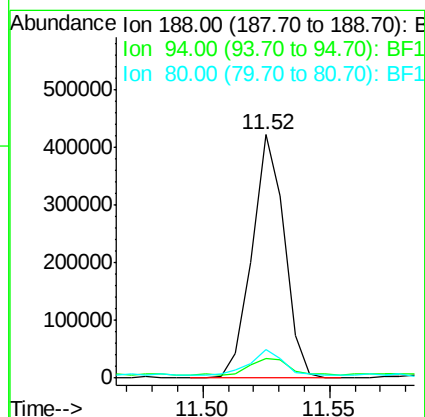
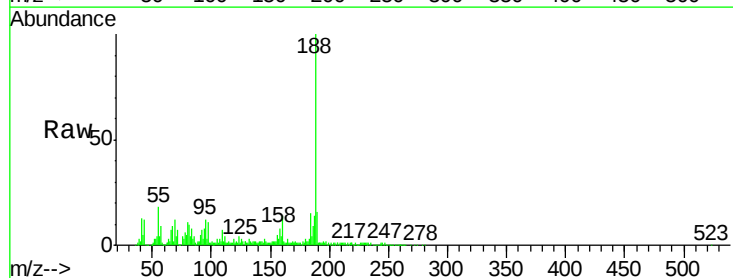
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-NEWSAN

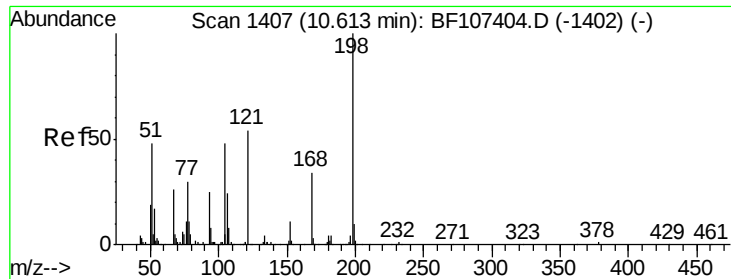
Tgt Ion:166 Resp: 65438
 Ion Ratio Lower Upper
 166 100
 165 107.4 79.8 119.8
 167 18.1 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1562
 Delta R.T. 0.00 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

Tgt Ion:188 Resp: 375620
 Ion Ratio Lower Upper
 188 100
 94 8.0 8.5 12.7#
 80 11.5 9.2 13.8

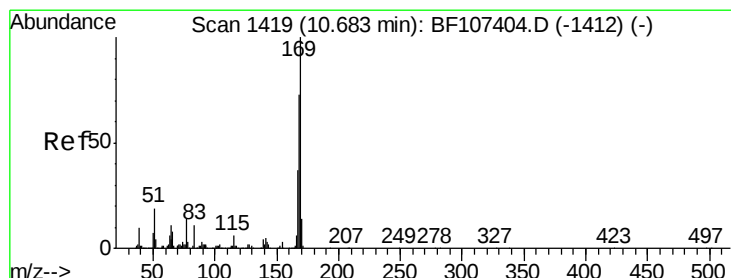
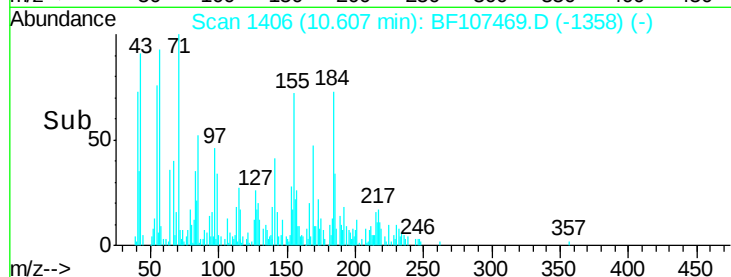
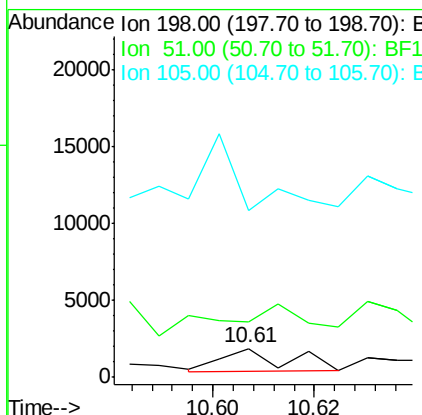
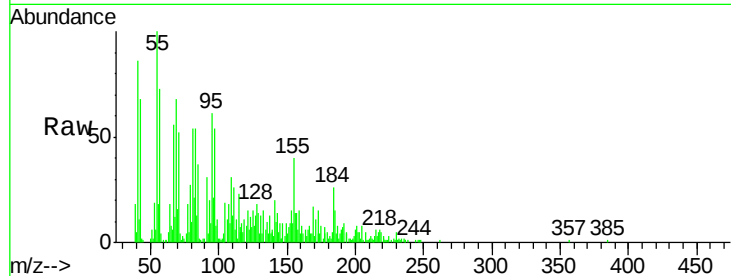




#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.046 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.02 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

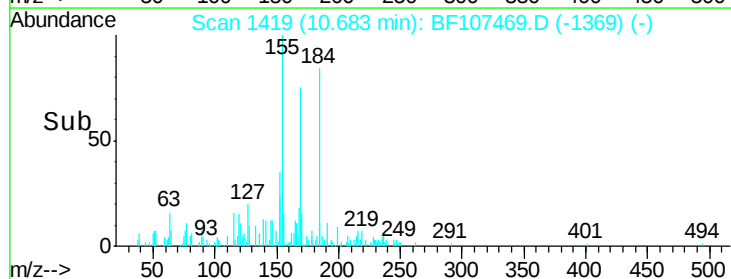
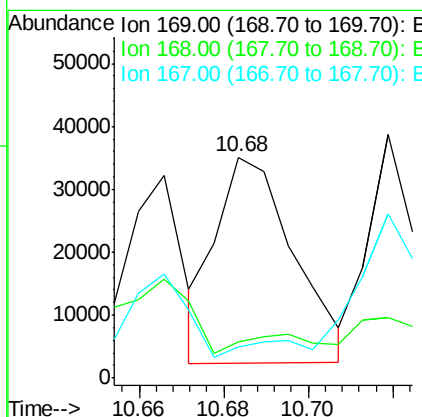
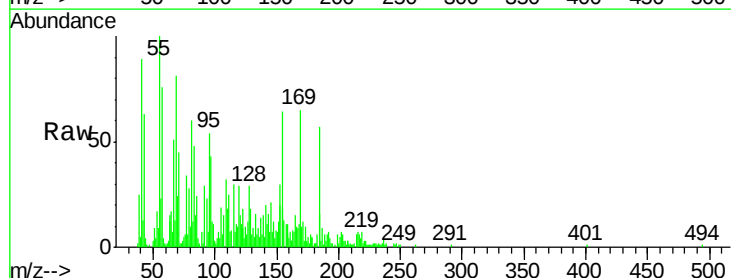
Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-NEWSAN

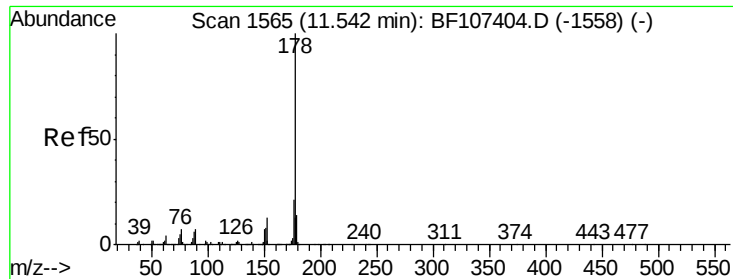
Tgt Ion:198 Resp: 1328
 Ion Ratio Lower Upper
 198 100
 51 191.8 37.7 77.7#
 105 576.0 36.3 76.3#



#65
 n-Nitrosodiphenylamine
 Concen: 3.525 ng
 RT: 10.68 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF107469.D
 Acq: 18 Jul 2018 11:34

Tgt Ion:169 Resp: 41816
 Ion Ratio Lower Upper
 169 100
 168 16.5 54.4 81.6#
 167 14.4 29.8 44.6#





#70

Phenanthrene

Concen: 38.689 ng

RT: 11.55 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

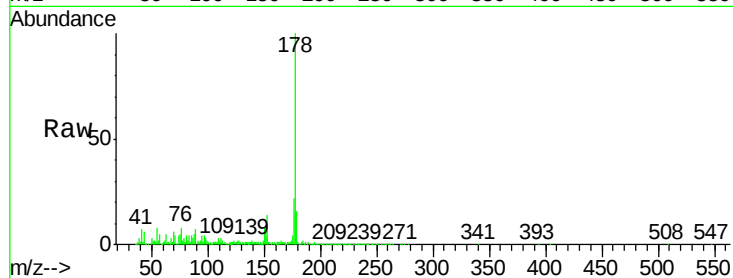
Tgt Ion:178 Resp: 724230

Ion Ratio Lower Upper

178 100

176 22.1 15.8 23.8

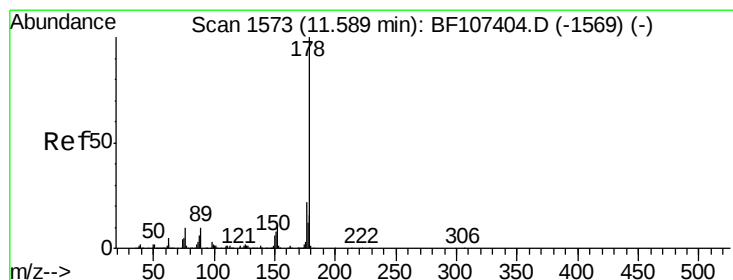
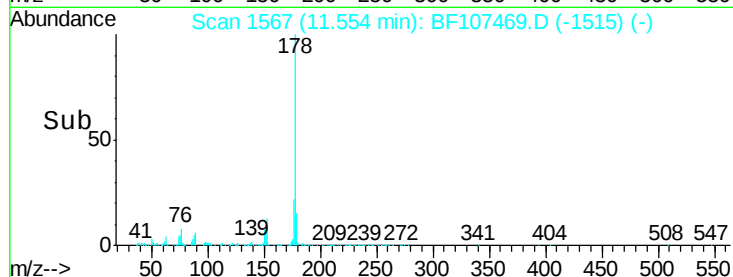
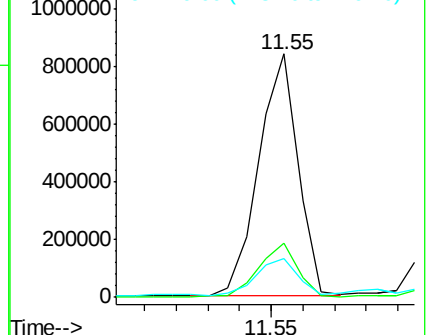
179 16.2 13.0 19.6



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: 8.540 ng

RT: 11.60 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

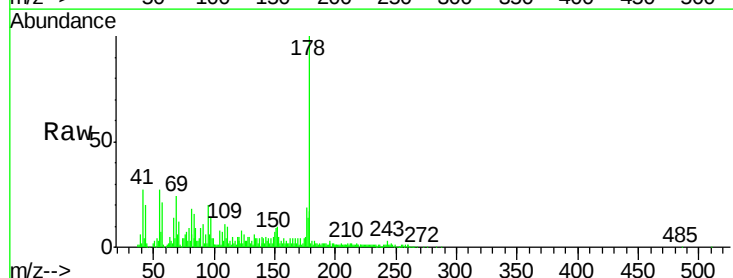
Tgt Ion:178 Resp: 159222

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

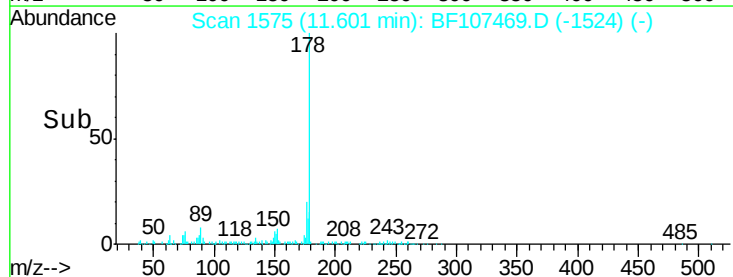
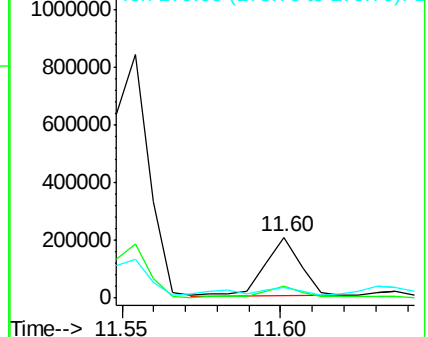
179 17.3 12.6 19.0

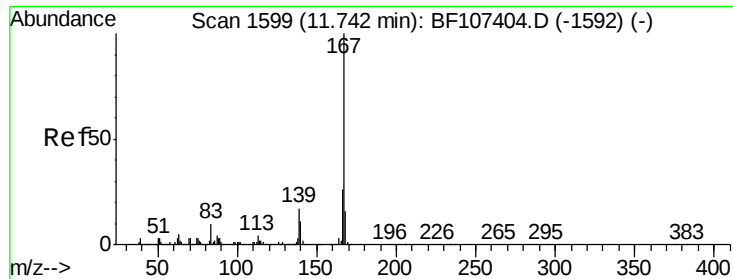


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 4.043 ng

RT: 11.75 min Scan# 1601

Delta R.T. 0.00 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

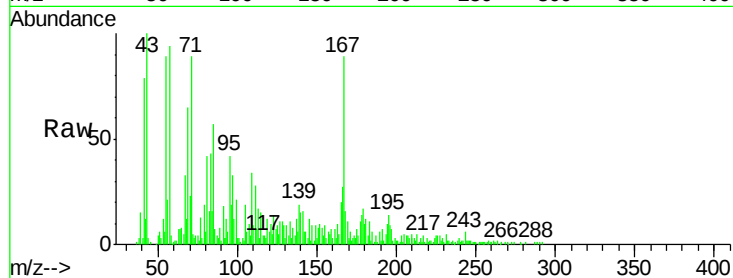
Tgt Ion:167 Resp: 71366

Ion Ratio Lower Upper

167 100

166 30.5 17.6 26.4#

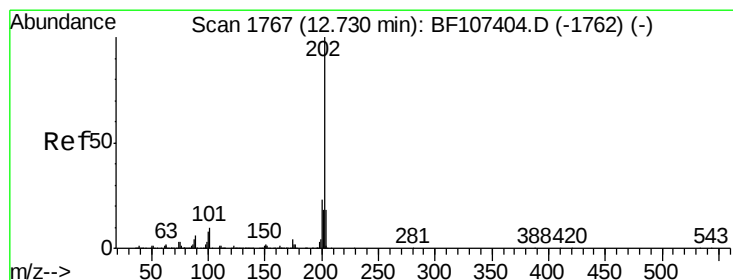
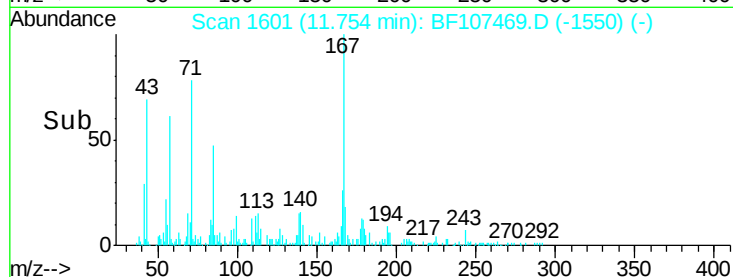
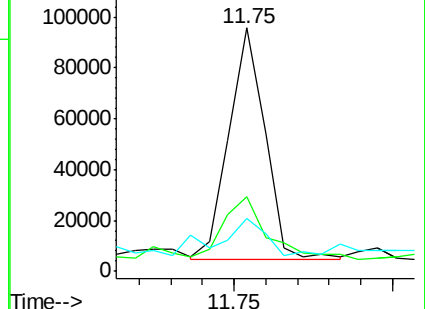
139 21.5 10.9 16.3#



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: 40.886 ng

RT: 12.77 min Scan# 1773

Delta R.T. 0.02 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

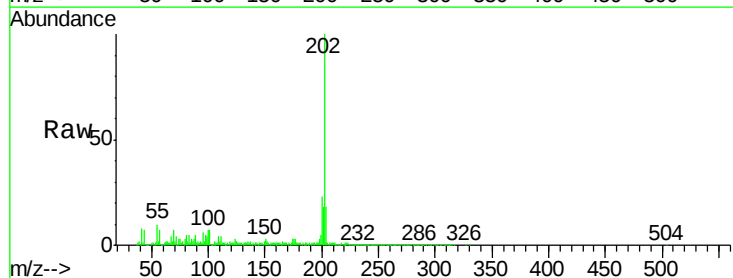
Tgt Ion:202 Resp: 869906

Ion Ratio Lower Upper

202 100

101 7.1 0.0 34.1

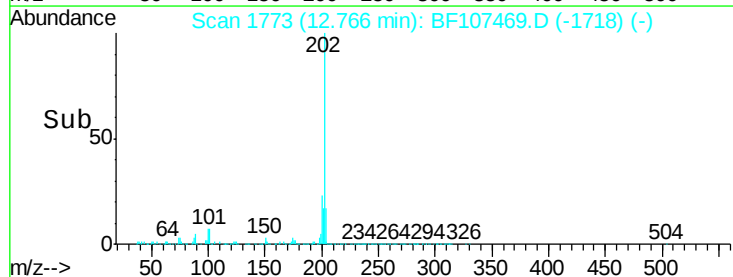
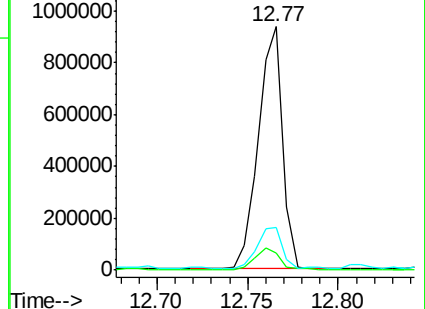
203 17.7 0.0 38.1

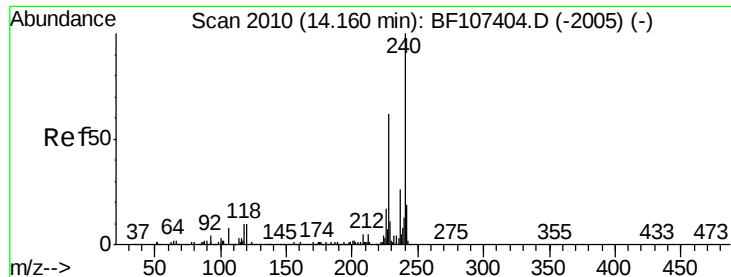


Abundance Ion 202.00 (201.70 to 202.70): E

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# 2014

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

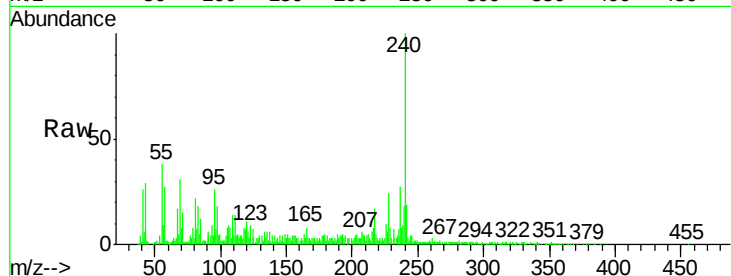
Tgt Ion:240 Resp: 229924

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

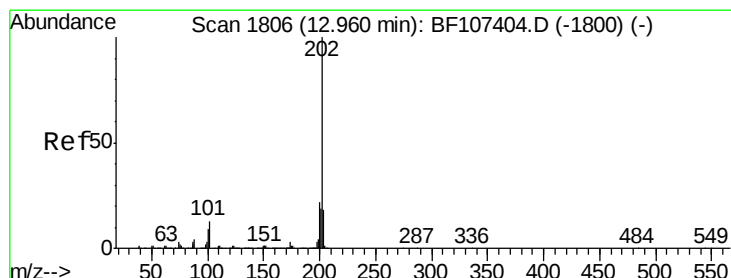
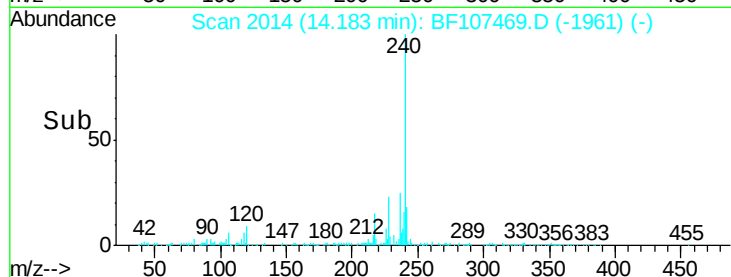
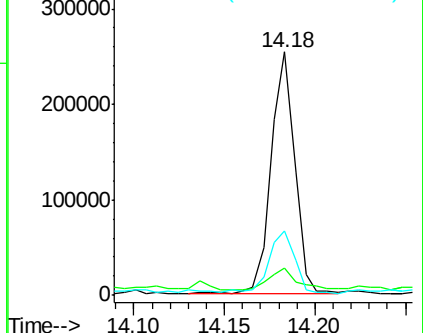
236 26.7 20.7 31.1



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: 48.698 ng

RT: 12.98 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

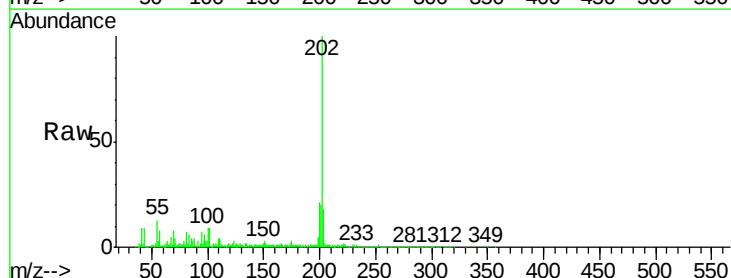
Tgt Ion:202 Resp: 761400

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

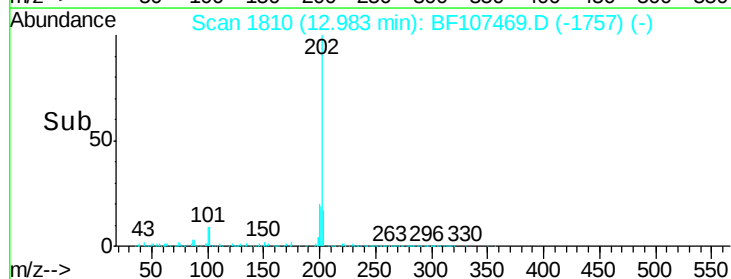
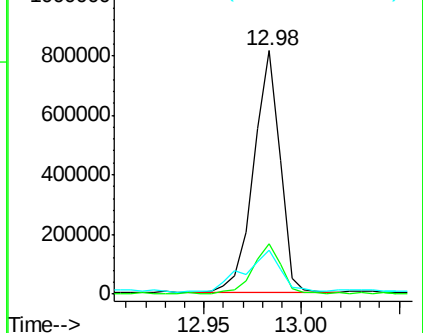
203 17.9 14.3 21.5

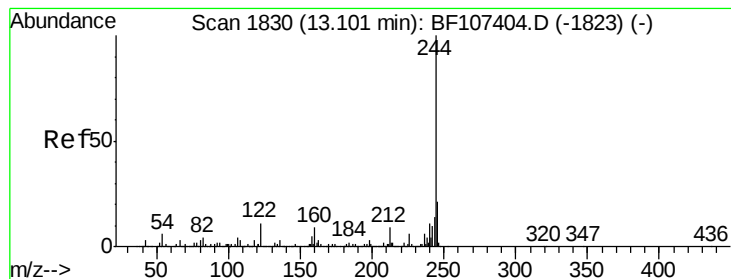


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 82.493 ng

RT: 13.11 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

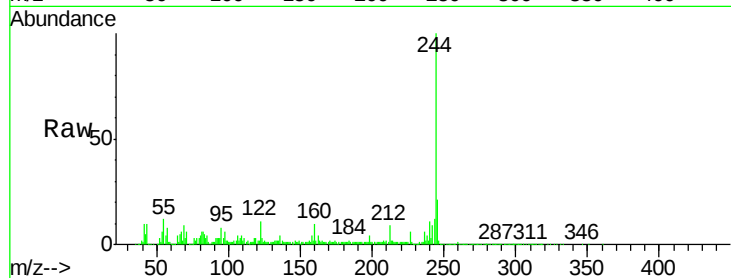
Tgt Ion:244 Resp: 763395

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

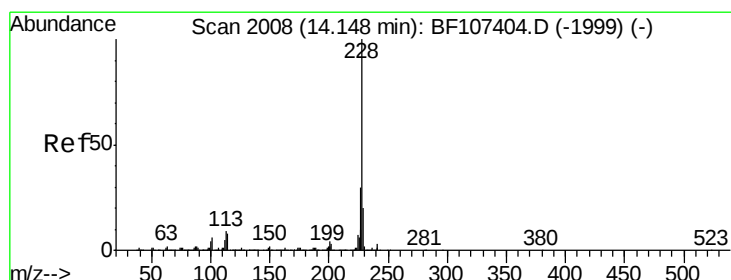
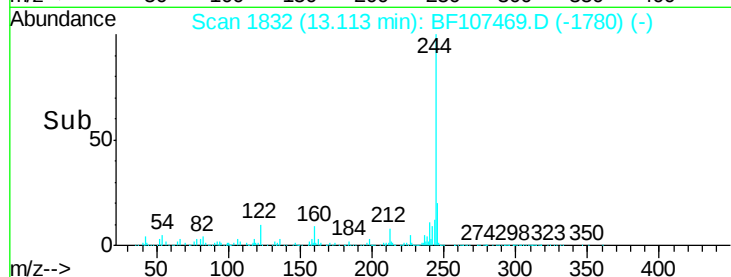
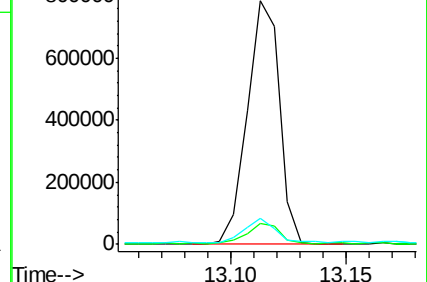
122 10.8 11.0 16.4#



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: 24.698 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

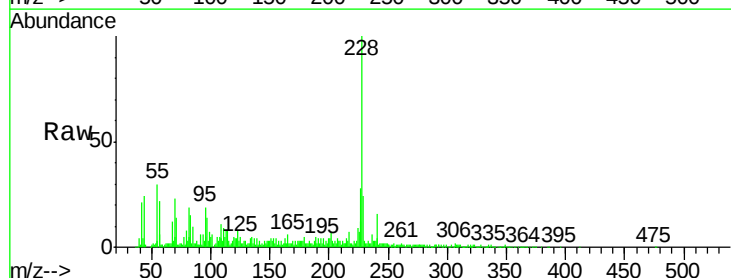
Tgt Ion:228 Resp: 347454

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

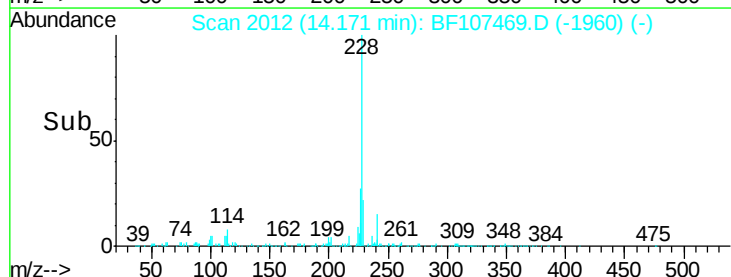
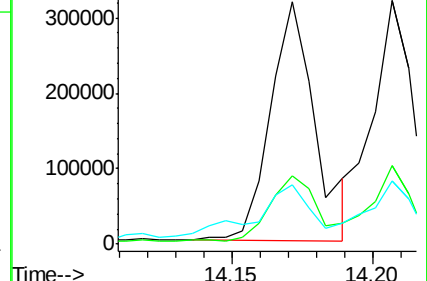
229 24.4 15.8 23.6#

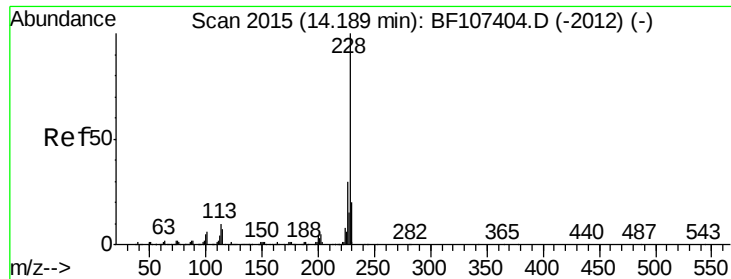


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 23.351 ng

RT: 14.21 min Scan# 2018

Delta R.T. 0.01 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

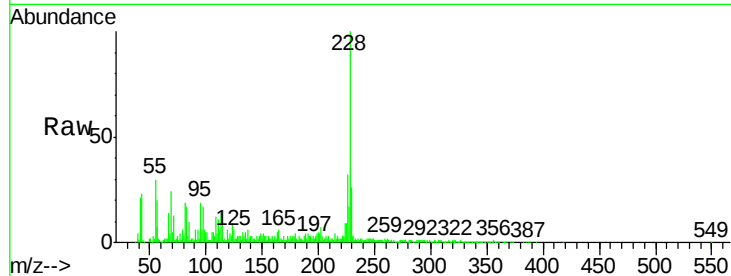
Tgt Ion:228 Resp: 313809

Ion Ratio Lower Upper

228 100

226 32.0 25.0 37.6

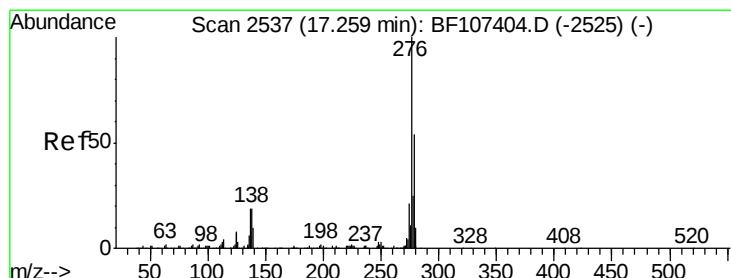
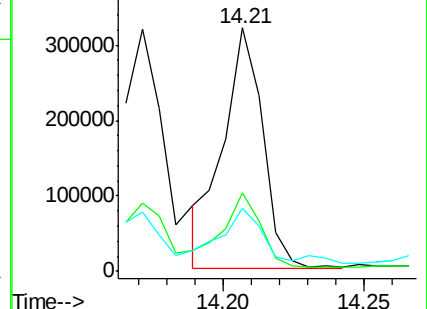
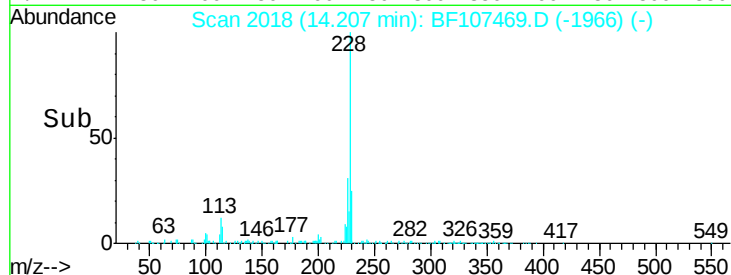
229 26.1 16.2 24.4#



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: 18.838 ng

RT: 17.31 min Scan# 2545

Delta R.T. 0.03 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

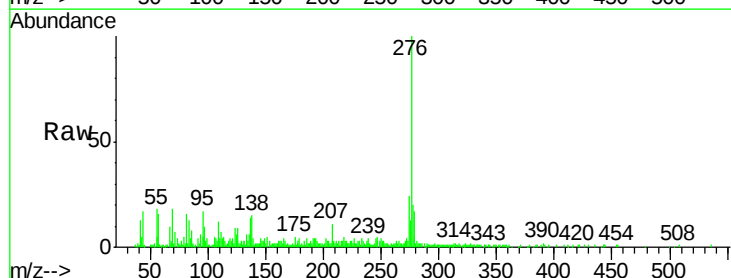
Tgt Ion:276 Resp: 180196

Ion Ratio Lower Upper

276 100

138 18.7 25.0 37.6#

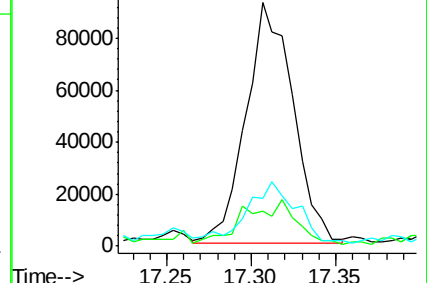
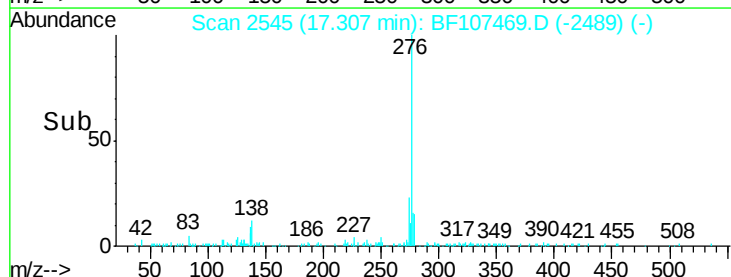
277 26.6 20.1 30.1

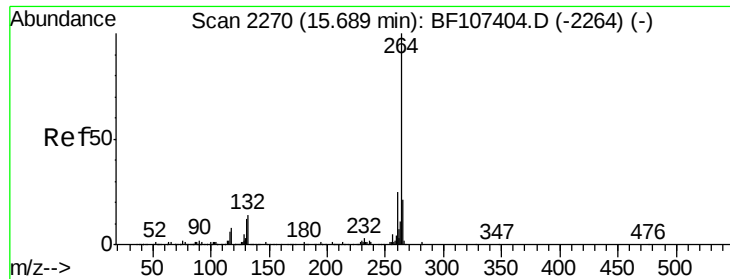


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

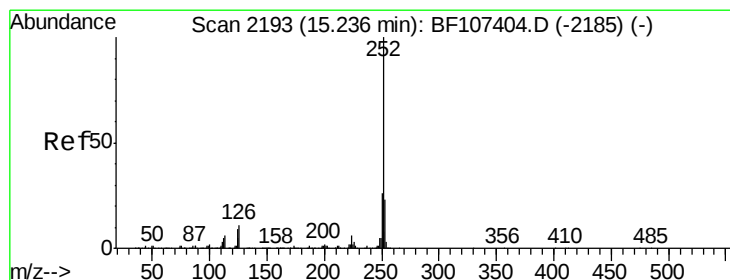
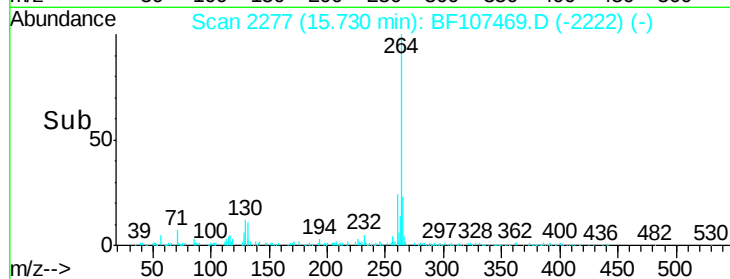
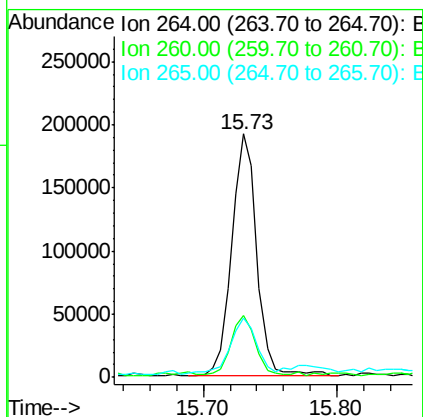
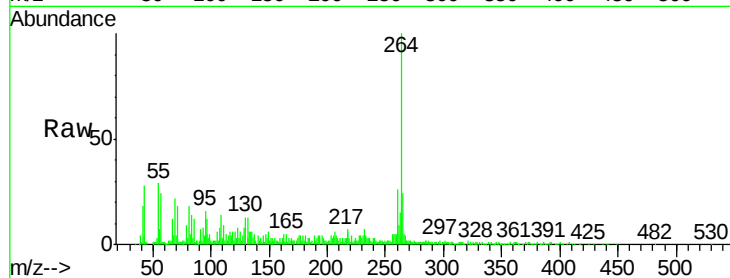




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.73 min Scan# 2277
Delta R.T. 0.02 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

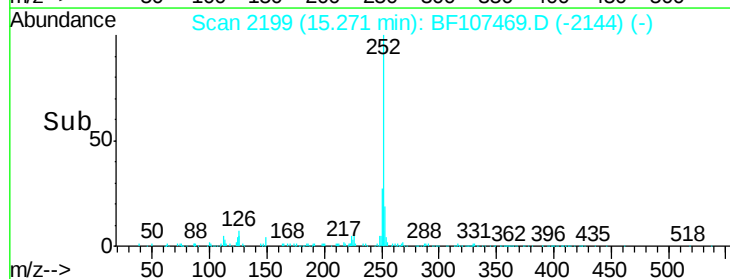
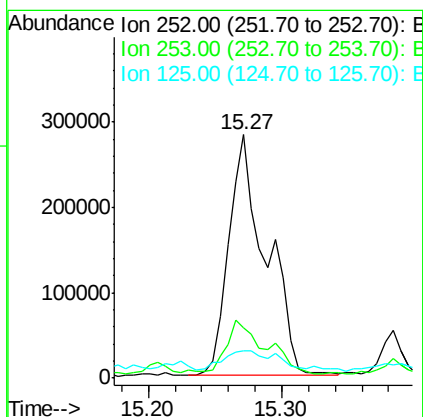
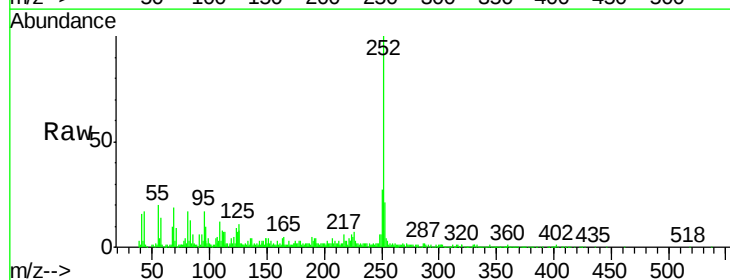
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-NEWSAN

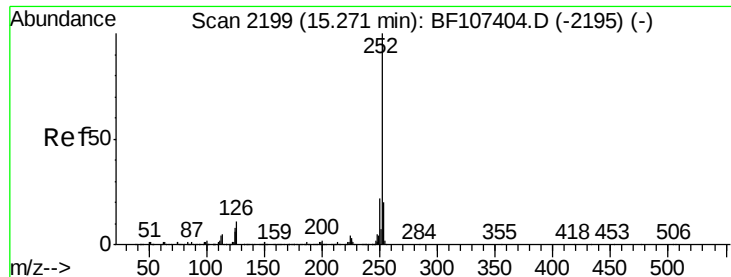
Tgt Ion:264 Resp: 252414
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 24.2 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 37.328 ng
RT: 15.27 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

Tgt Ion:252 Resp: 551489
Ion Ratio Lower Upper
252 100
253 20.7 17.0 25.6
125 11.0 9.0 13.6

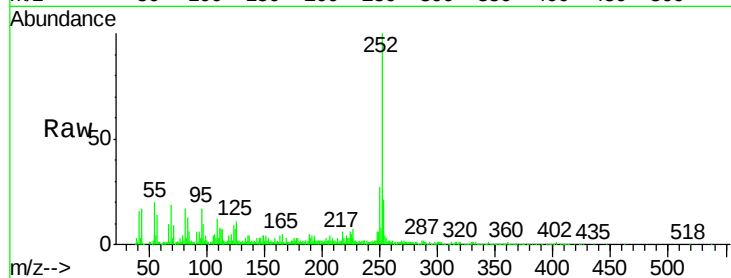




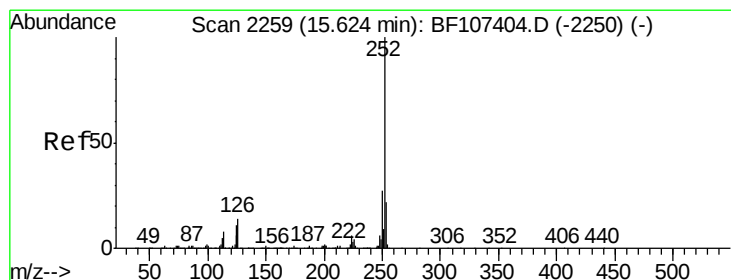
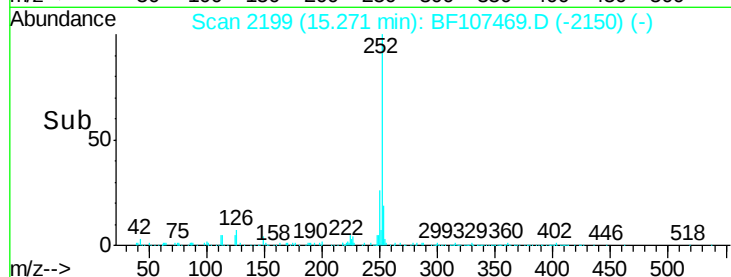
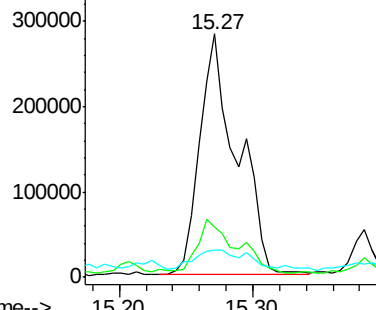
#88
Benzo(k)fluoranthene
Concen: 38.249 ng
RT: 15.27 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-NEWSAN

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	11.0	10.2	15.2

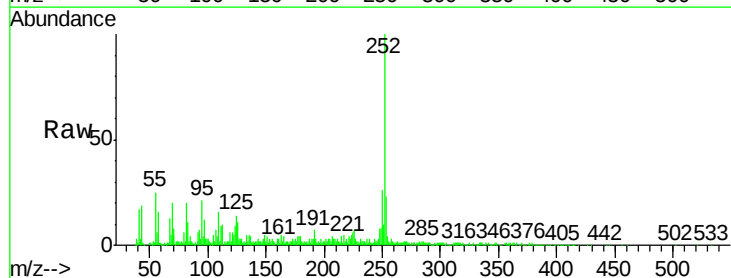


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

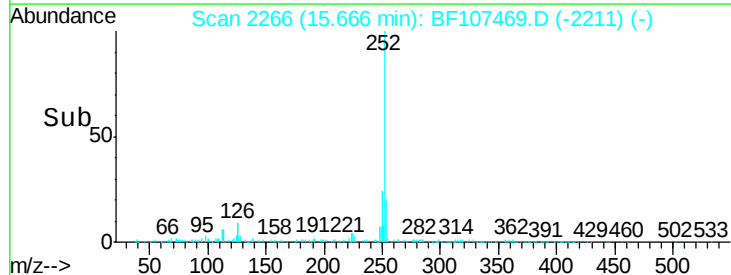
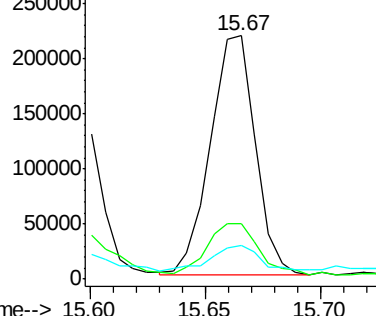


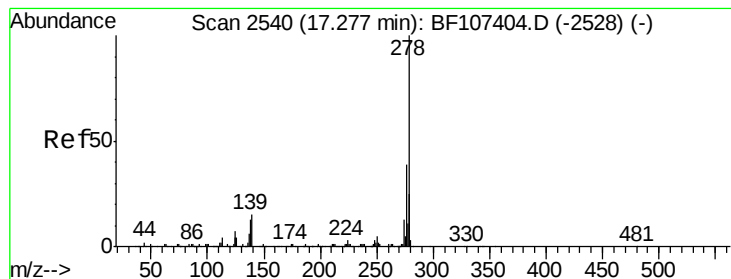
#89
Benzo(a)pyrene
Concen: 21.754 ng
RT: 15.67 min Scan# 2266
Delta R.T. 0.02 min
Lab File: BF107469.D
Acq: 18 Jul 2018 11:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	14.0	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: 4.635 ng

RT: 17.32 min Scan# 2547

Delta R.T. 0.02 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

Instrument :

BNA_F

ClientSampleId :

STOCKPILE-NEWSAN

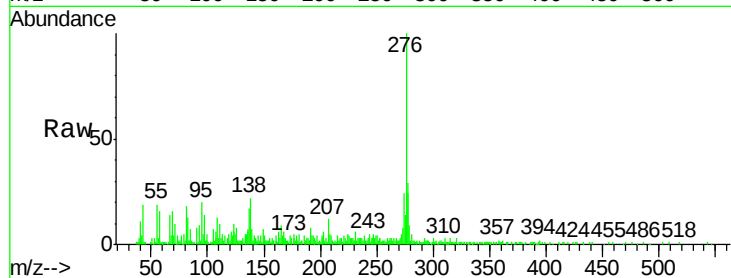
Tgt Ion:278 Resp: 47431

Ion Ratio Lower Upper

278 100

139 24.1 15.9 23.9#

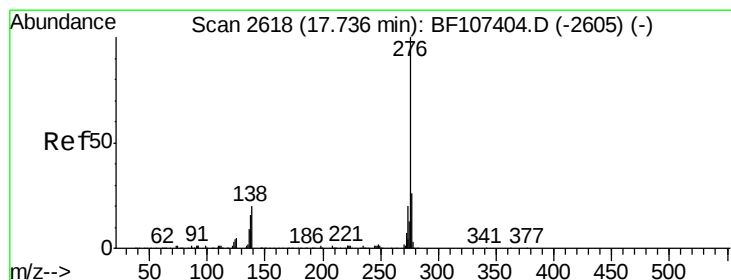
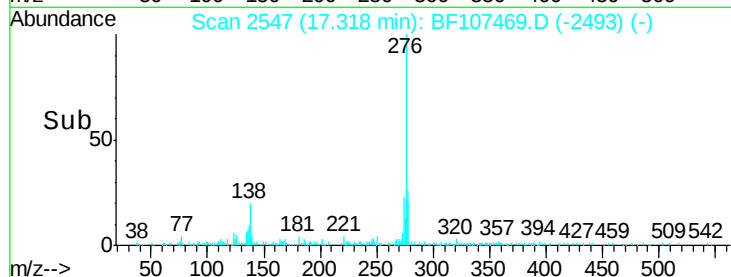
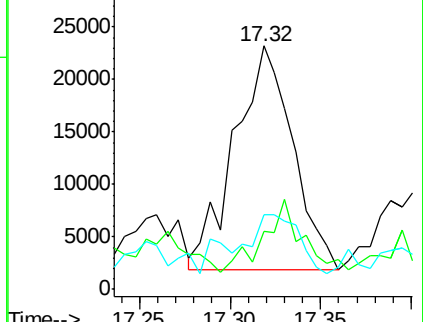
279 30.5 19.0 28.4#



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: 16.594 ng

RT: 17.79 min Scan# 2628

Delta R.T. 0.04 min

Lab File: BF107469.D

Acq: 18 Jul 2018 11:34

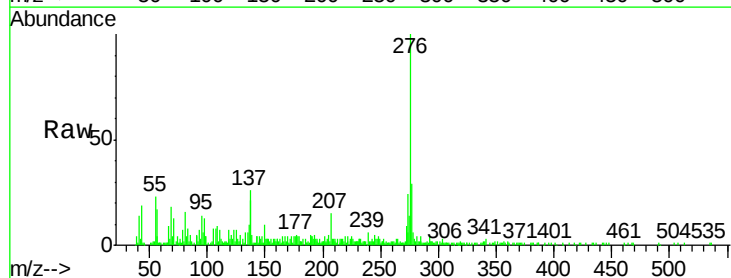
Tgt Ion:276 Resp: 172564

Ion Ratio Lower Upper

276 100

277 29.4 17.9 26.9#

138 21.3 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

