

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107279.D
 Acq On : 10 Jul 2018 18:09
 Operator : JU/SJ
 Sample : J3891-01RE
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

Quant Time: Jul 11 01:08:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

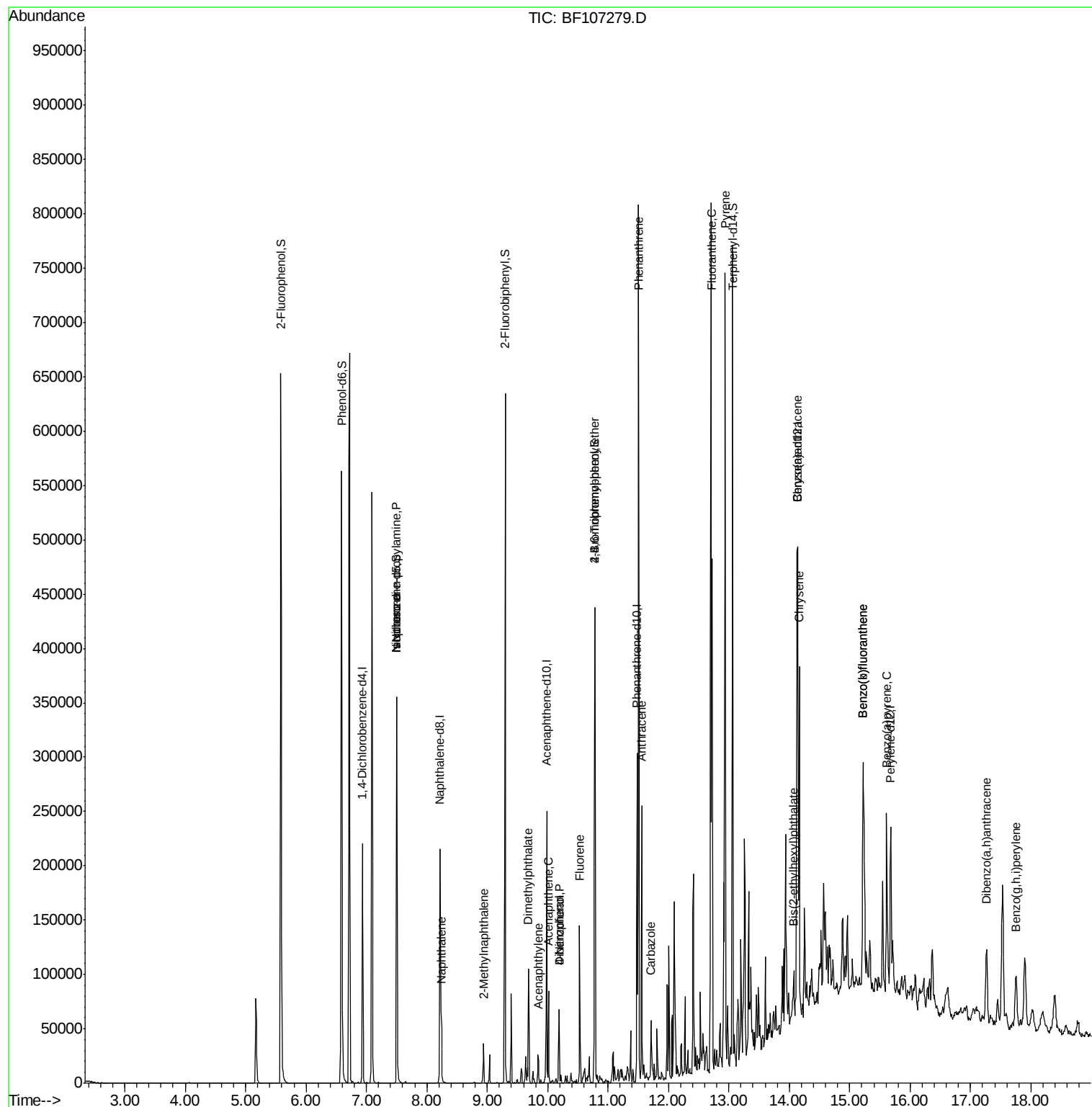
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	31359	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	110215	20.00	ng	-0.03
38) Acenaphthene-d10	9.98	164	51915	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	114551	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	104231	20.00	ng	-0.03
86) Perylene-d12	15.68	264	79343	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	189163	102.14	ng	-0.02
7) Phenol-d6	6.59	99	223979	96.85	ng	-0.02
23) Nitrobenzene-d5	7.50	82	131195	66.15	ng	-0.04
41) 2,4,6-Tribromophenol	10.78	330	65267	108.47	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	210973	65.38	ng	-0.03
78) Terphenyl-d14	13.06	244	271033	62.99	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	16756	10.991	ng	Qvalue # 73
25) Isophorone	7.50	82	131194	37.540	ng	# 64
31) Naphthalene	8.24	128	20248	3.929	ng	98
37) 2-Methylnaphthalene	8.94	142	11734	3.436	ng	93
48) Acenaphthylene	9.84	152	11233	2.185	ng	# 97
49) Dimethylphthalate	9.69	163	46016	11.818	ng	99
51) Acenaphthene	10.01	154	17051	5.266	ng	97
54) Dibenzofuran	10.19	168	29288	6.606	ng	91
55) 4-Nitrophenol	10.19	139	9384	14.170	ng	# 9
57) Fluorene	10.53	166	38884	11.052	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	3980	2.911	ng	# 1
70) Phenanthrene	11.51	178	301405	54.553	ng	99
71) Anthracene	11.55	178	93989	16.666	ng	99
72) Carbazole	11.71	167	19505	3.694	ng	96
74) Fluoranthene	12.71	202	350718	57.592	ng	94
77) Pyrene	12.94	202	303168	44.108	ng	99
80) Benzo(a)anthracene	14.13	228	144348	22.723	ng	99
82) Chrysene	14.17	228	126829	21.701	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	11971	3.313	ng	# 95
87) Benzo(b)fluoranthene	15.22	252	154743	31.396	ng	97
88) Benzo(k)fluoranthene	15.22	252	154743	32.969	ng	# 97
89) Benzo(a)pyrene	15.61	252	82751	18.886	ng	96
90) Dibenzo(a,h)anthracene	17.26	278	12815	3.451	ng	# 70
91) Benzo(g,h,i)perylene	17.75	276	42862	11.809	ng	# 91

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

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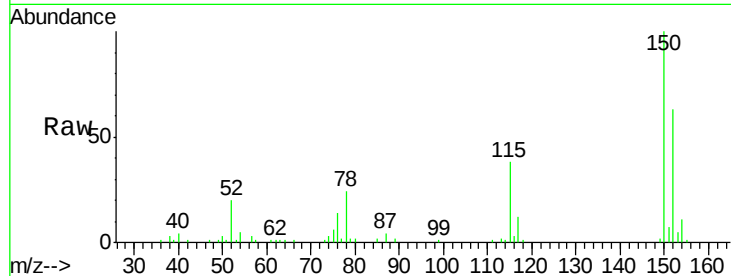


#1

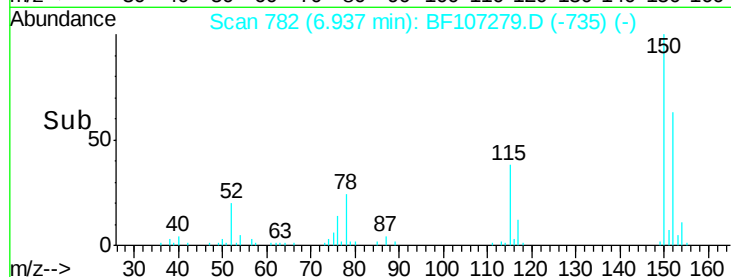
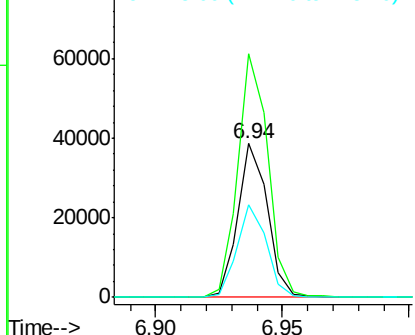
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 782
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

Tgt Ion:152 Resp: 31359
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.6 186.8
 115 60.5 50.1 75.1



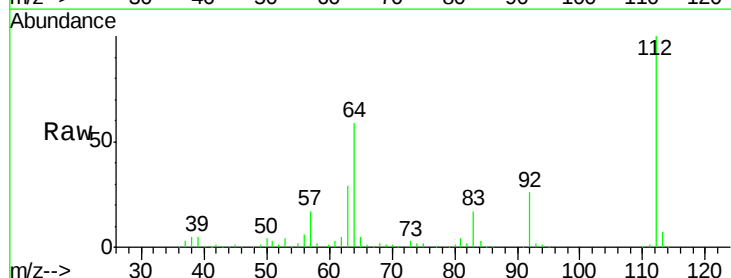
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



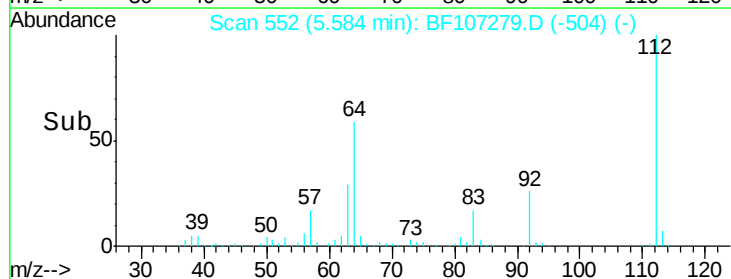
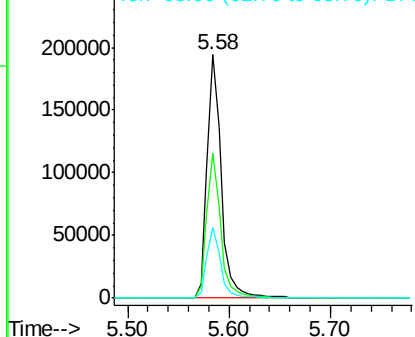
#5

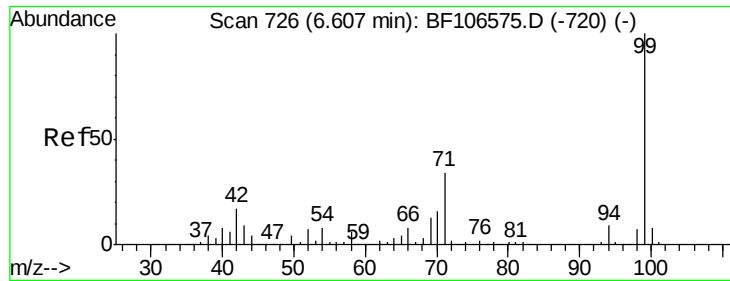
2-Fluorophenol
 Concen: 102.144 ng
 RT: 5.58 min Scan# 552
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion:112 Resp: 189163
 Ion Ratio Lower Upper
 112 100
 64 59.4 47.9 71.9
 63 29.1 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: 96.848 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

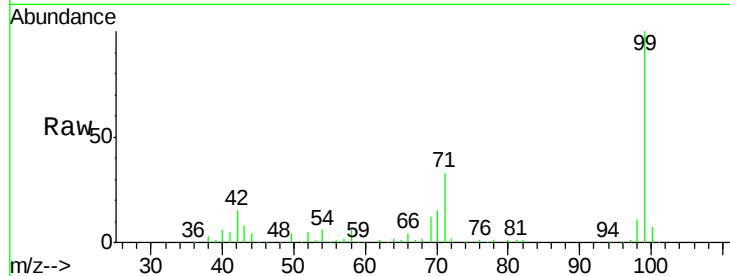
Tgt Ion: 99 Resp: 223979

Ion Ratio Lower Upper

99 100

42 15.5 14.5 21.7

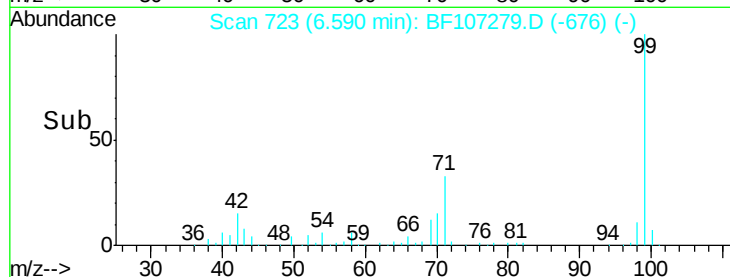
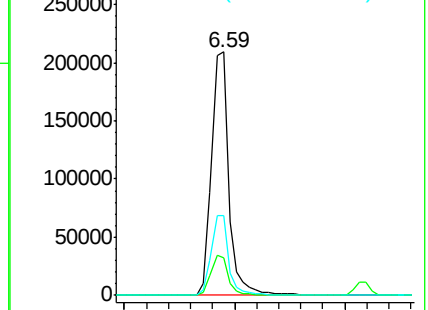
71 32.7 25.4 38.0



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: 10.991 ng

RT: 7.50 min Scan# 878

Delta R.T. 0.12 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Tgt Ion: 70 Resp: 16756

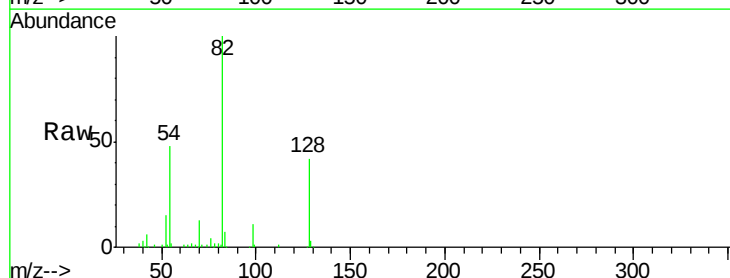
Ion Ratio Lower Upper

70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

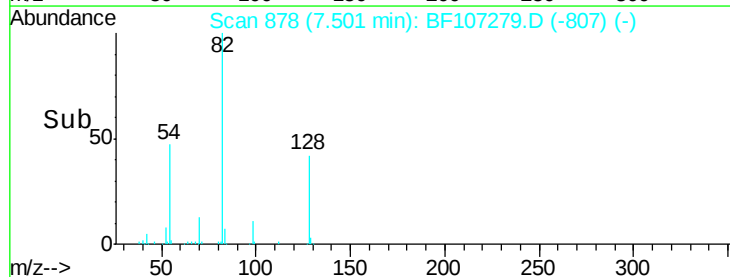
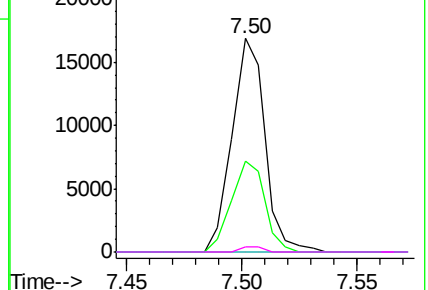


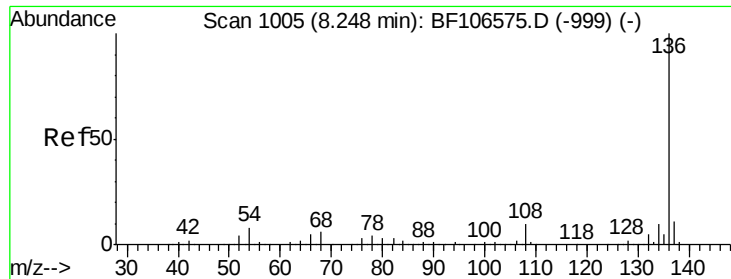
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

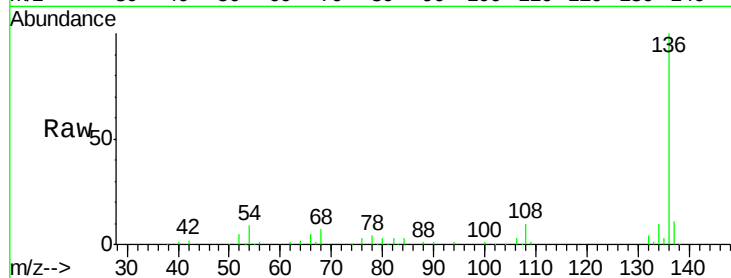




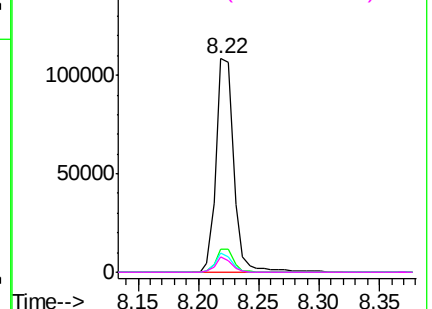
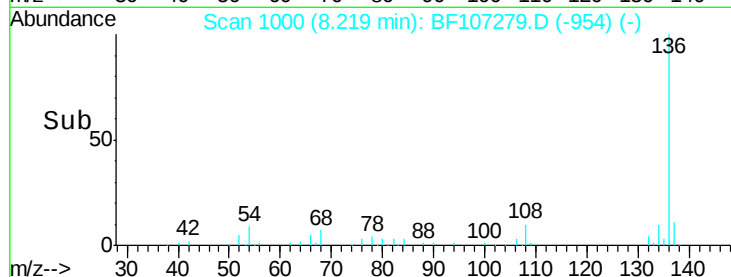
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.03 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

Tgt Ion: 136 Resp: 110215
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 8.8 6.6 9.8
68 7.0 5.0 7.4

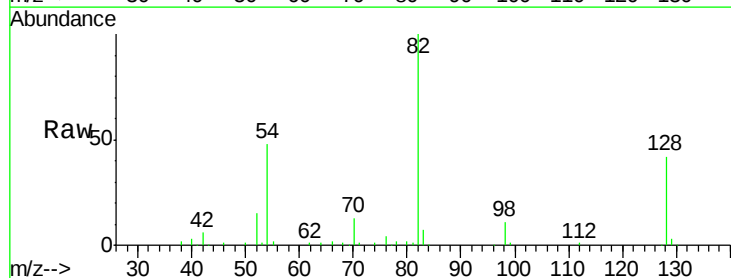


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

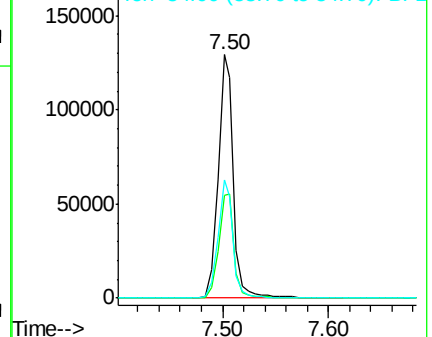
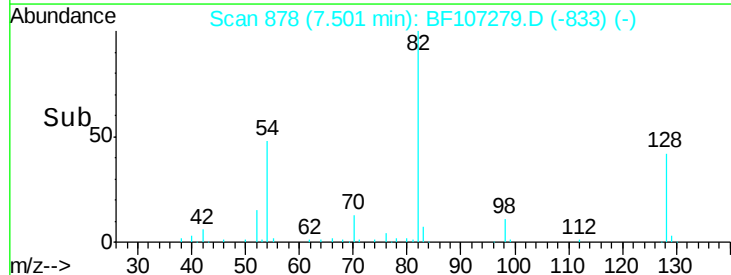


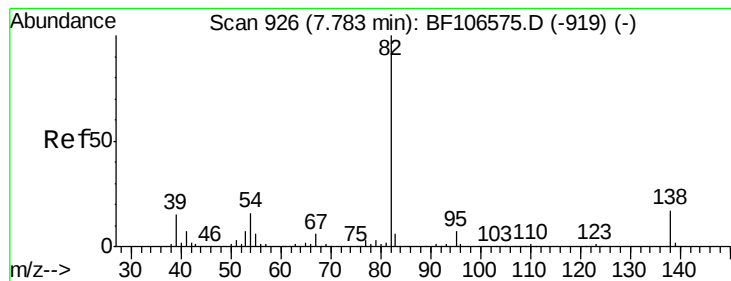
#23
Nitrobenzene-d5
Concen: 66.152 ng
RT: 7.50 min Scan# 878
Delta R.T. -0.04 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion: 82 Resp: 131195
Ion Ratio Lower Upper
82 100
128 42.1 36.1 54.1
54 48.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.540 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.29 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

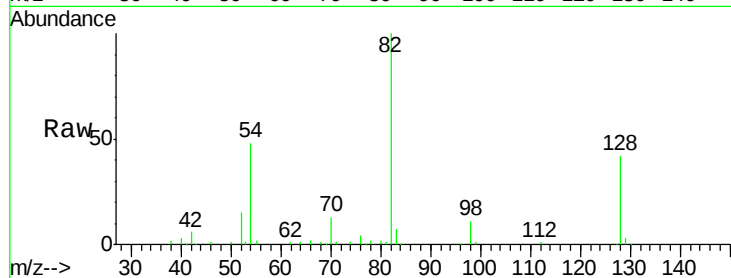
Tgt Ion: 82 Resp: 131194

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

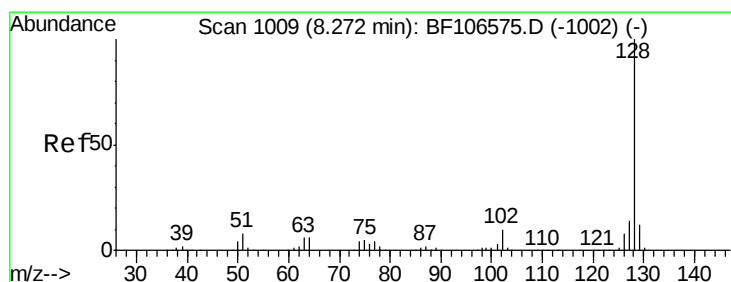
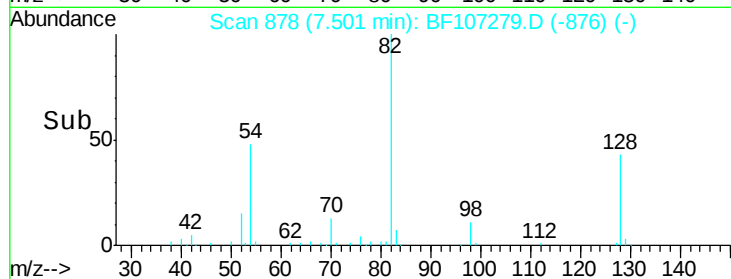
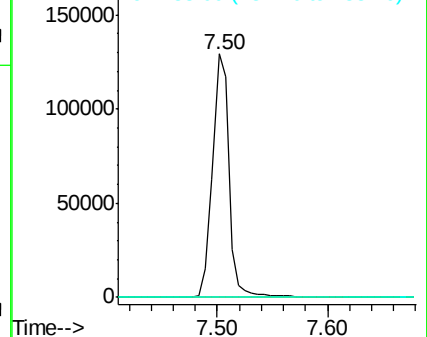
138 0.0 14.9 22.3#



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



#31

Naphthalene

Concen: 3.929 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.03 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

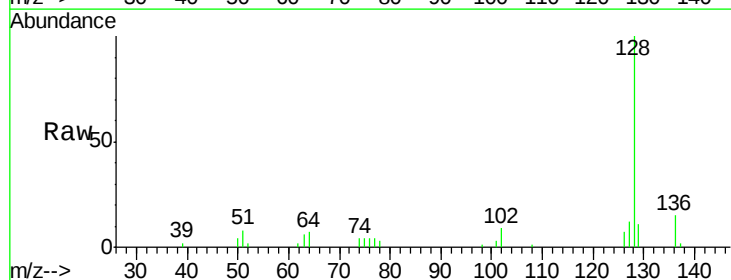
Tgt Ion: 128 Resp: 20248

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

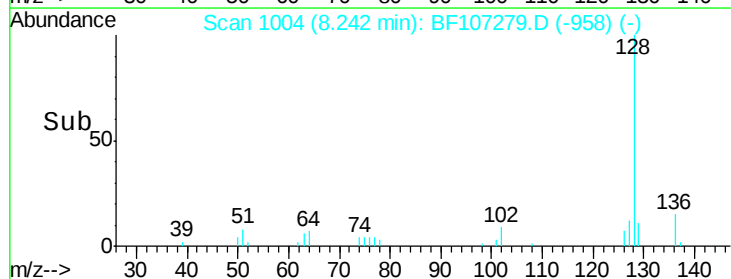
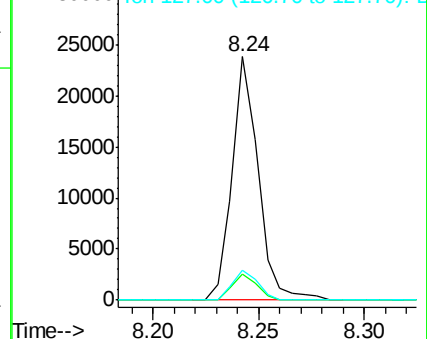
127 12.2 10.9 16.3

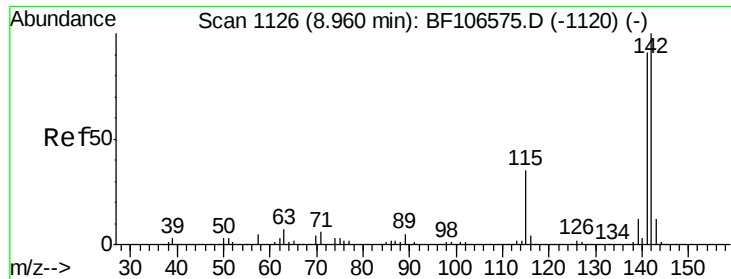


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

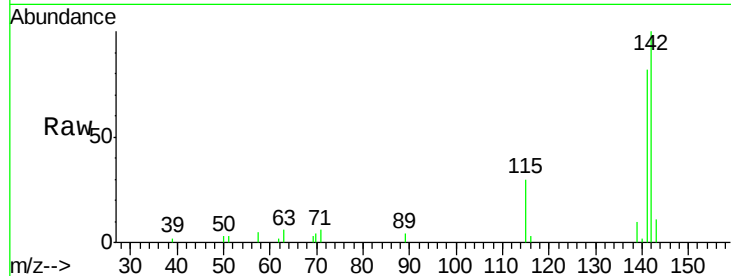




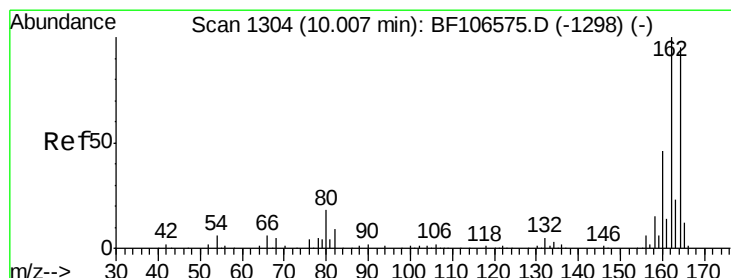
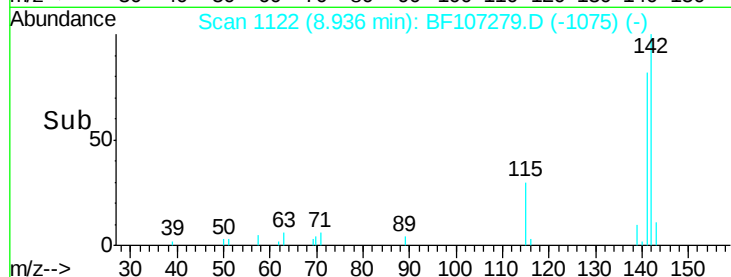
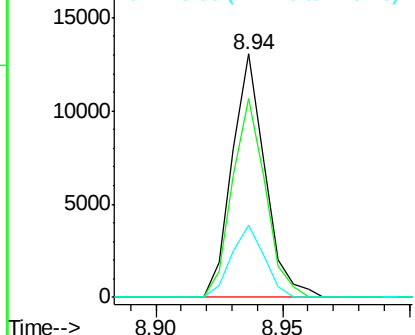
#37
 2-Methylnaphthalene
 Concen: 3.436 ng
 RT: 8.94 min Scan# 1122
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

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Tgt Ion:142 Resp: 11734
 Ion Ratio Lower Upper
 142 100
 141 81.6 70.8 106.2
 115 29.7 26.1 39.1

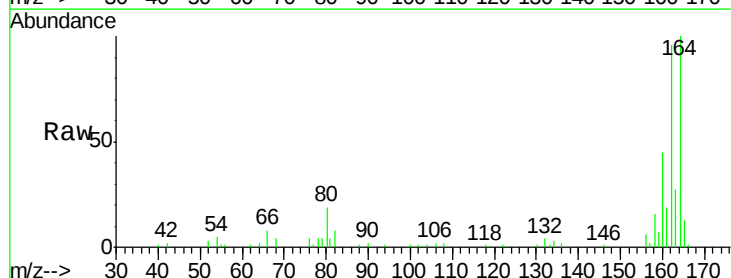


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

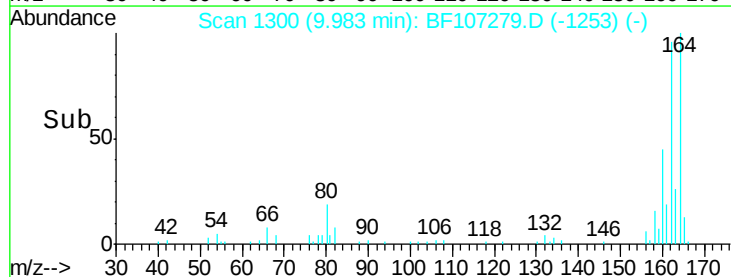
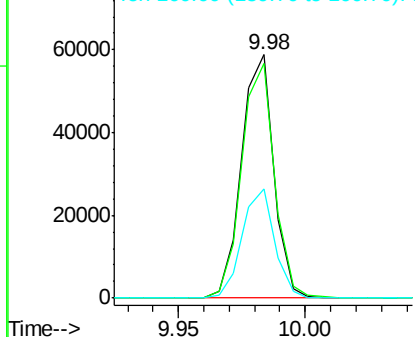


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion:164 Resp: 51915
 Ion Ratio Lower Upper
 164 100
 162 96.3 86.1 129.1
 160 44.6 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

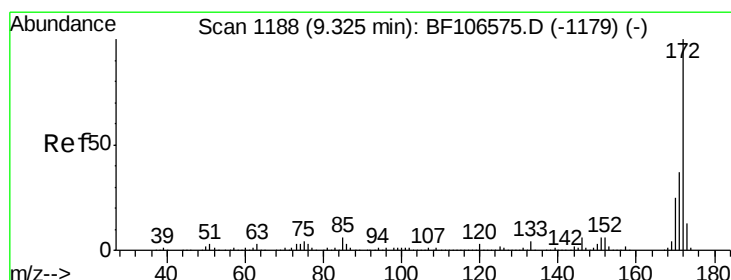
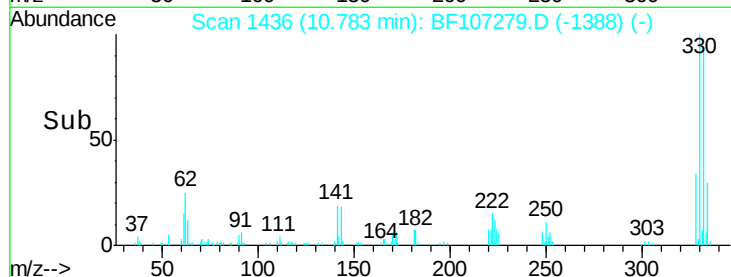
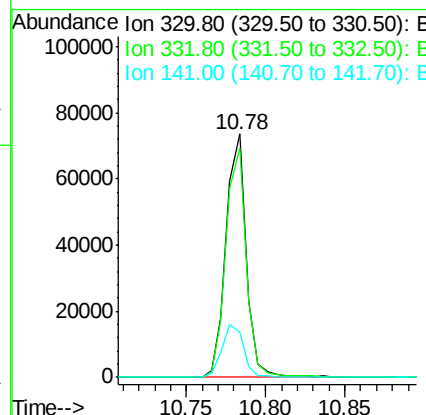
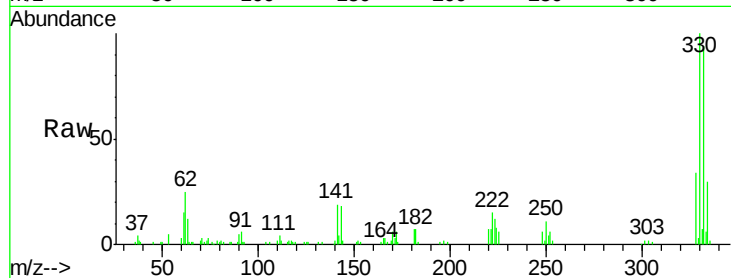




#41
 2,4,6-Tribromophenol
 Concen: 108.469 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

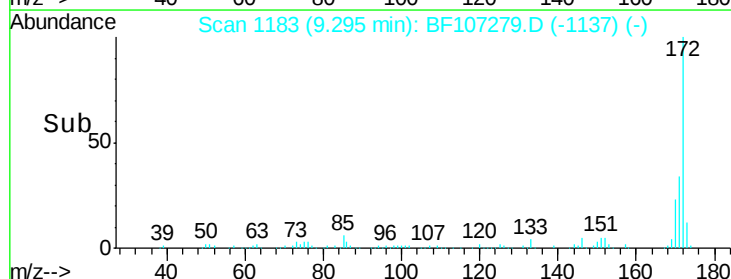
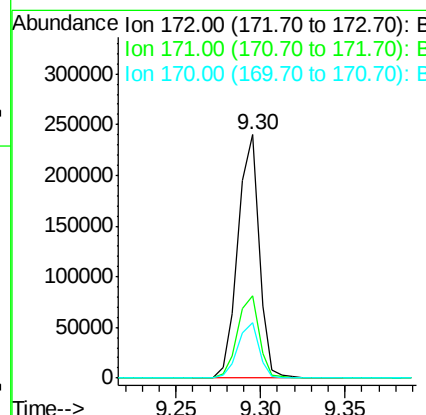
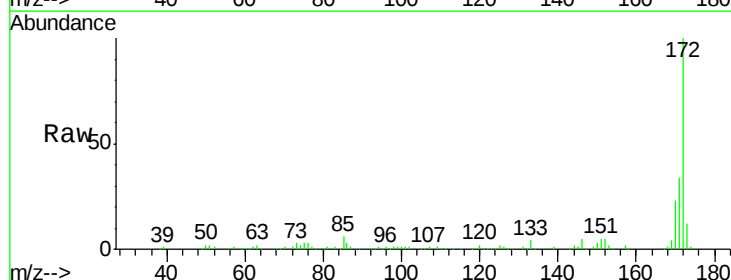
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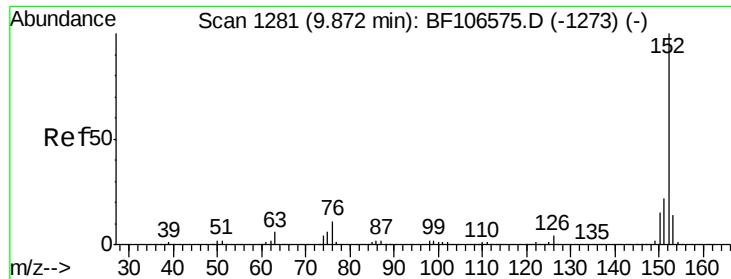
Tgt Ion:330 Resp: 65267
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.0 115.6
 141 23.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 65.380 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion:172 Resp: 210973
 Ion Ratio Lower Upper
 172 100
 171 34.0 29.7 44.5
 170 23.0 19.6 29.4

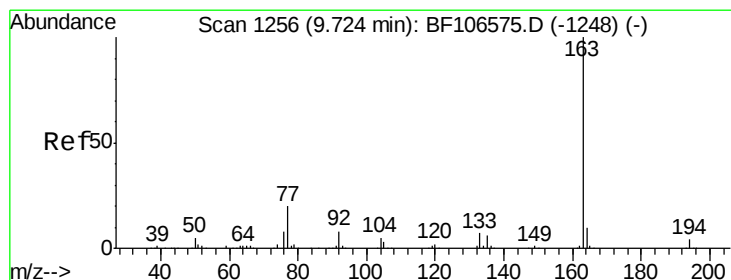
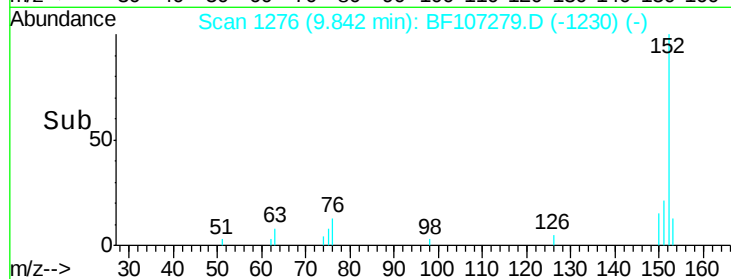
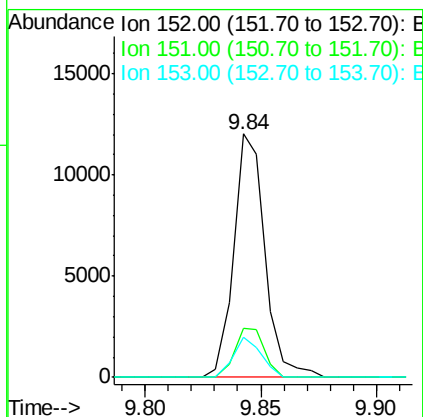
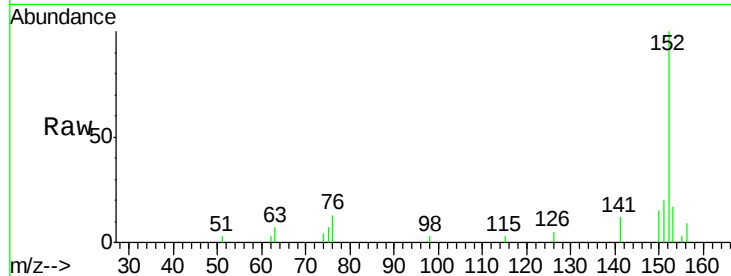




#48
 Acenaphthylene
 Concen: 2.185 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. -0.03 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

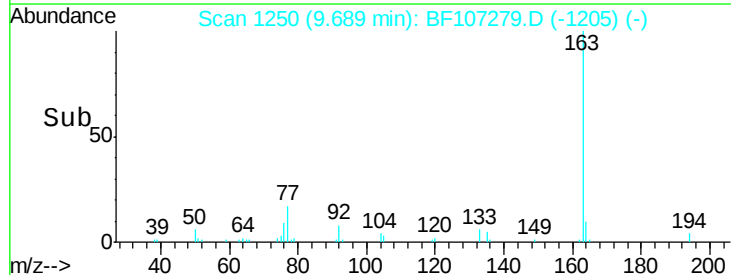
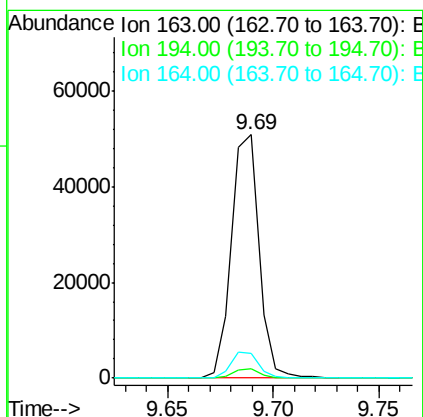
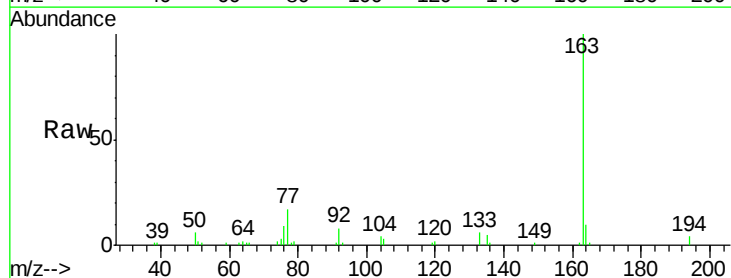
Instrument :
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 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

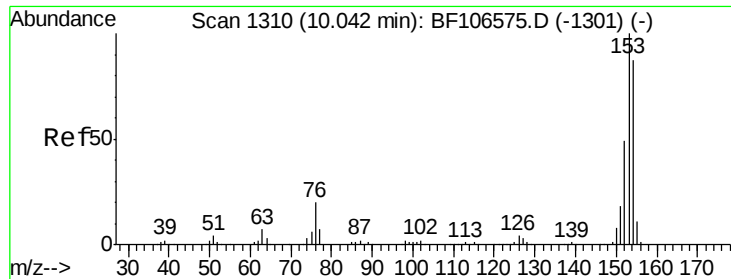
Tgt Ion:152 Resp: 11233
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.3 24.5
 153 16.6 10.7 16.1#



#49
 Dimethylphthalate
 Concen: 11.818 ng
 RT: 9.69 min Scan# 1250
 Delta R.T. -0.04 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion:163 Resp: 46016
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.7 4.1
 164 10.4 8.2 12.2

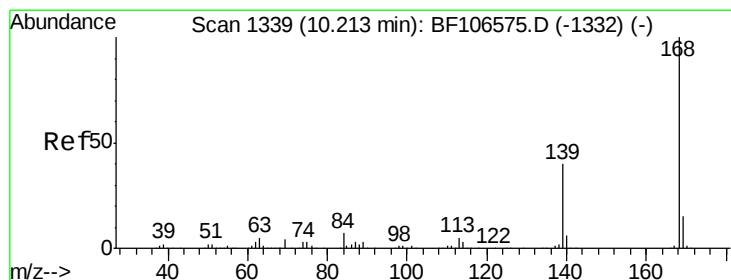
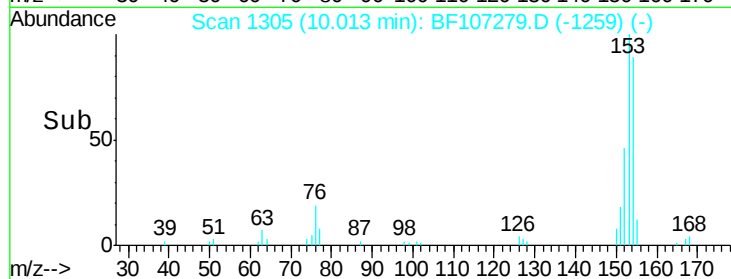
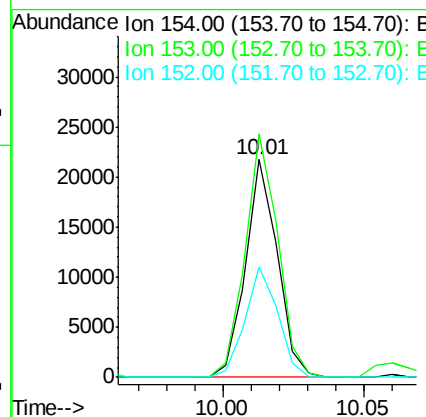
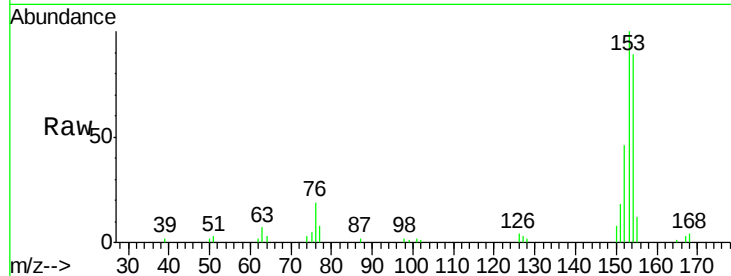




#51
Acenaphthene
Concen: 5.266 ng
RT: 10.01 min Scan# 1305
Delta R.T. -0.03 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

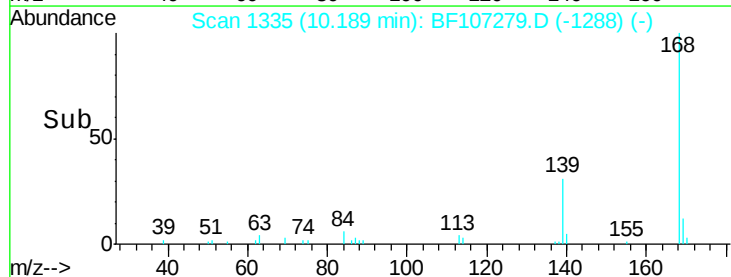
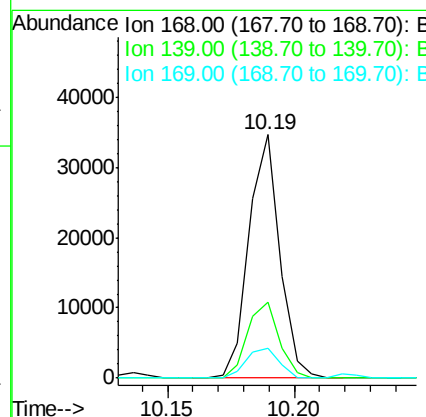
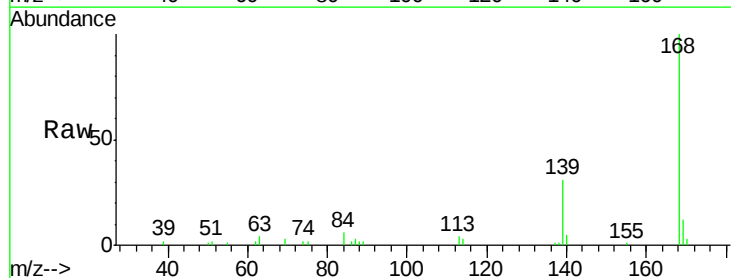
Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

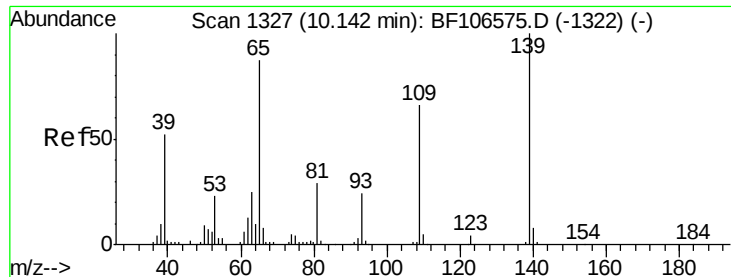
Tgt Ion:154 Resp: 17051
Ion Ratio Lower Upper
154 100
153 111.8 91.2 136.8
152 51.0 43.8 65.8



#54
Dibenzofuran
Concen: 6.606 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion:168 Resp: 29288
Ion Ratio Lower Upper
168 100
139 31.1 30.1 45.1
169 12.4 10.9 16.3

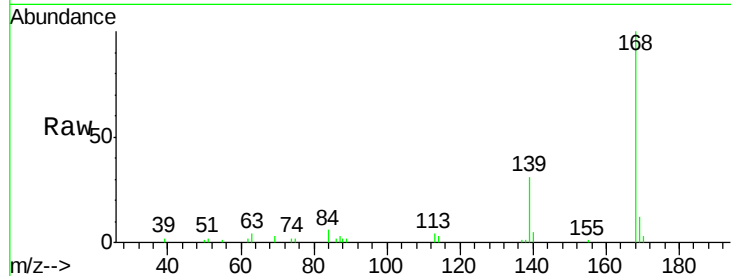




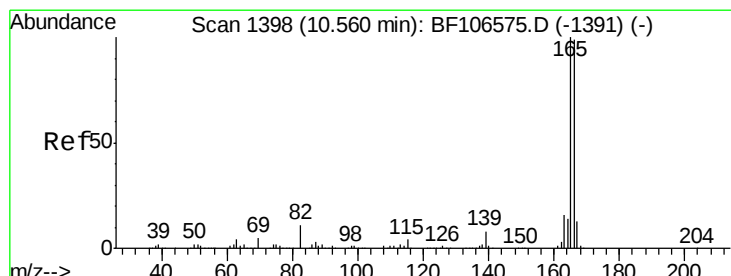
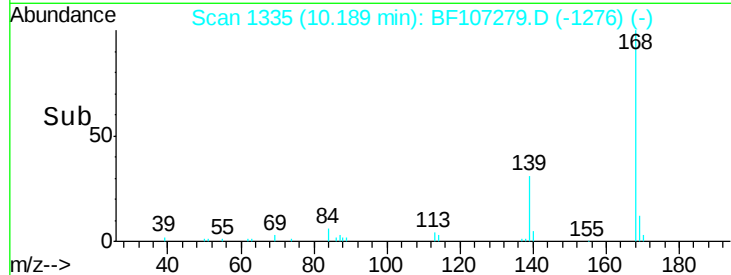
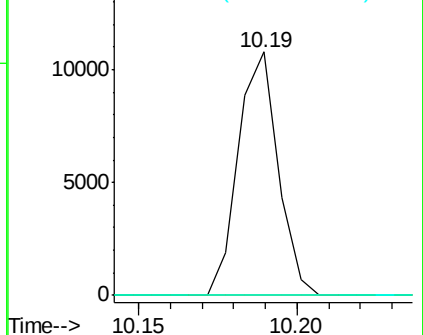
#55
4-Nitrophenol
Concen: 14.170 ng
RT: 10.19 min Scan# 1335
Delta R.T. 0.05 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

Tgt Ion:139 Resp: 9384
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#

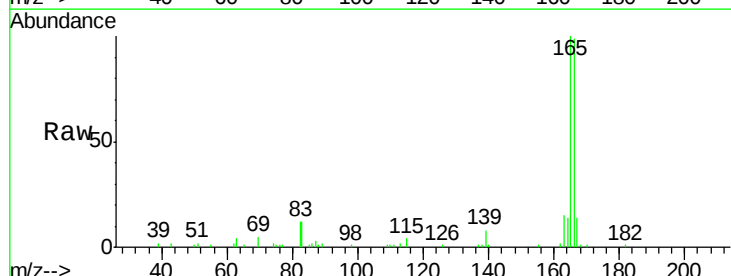


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

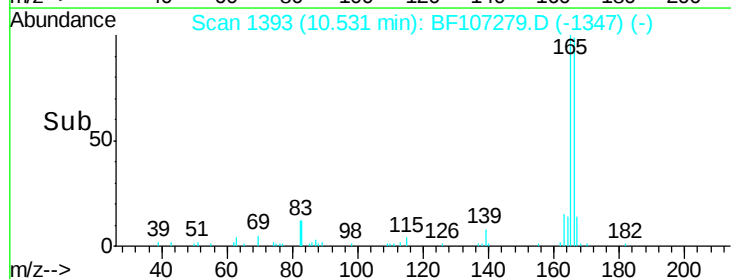
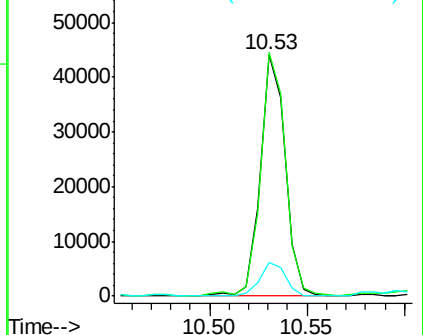


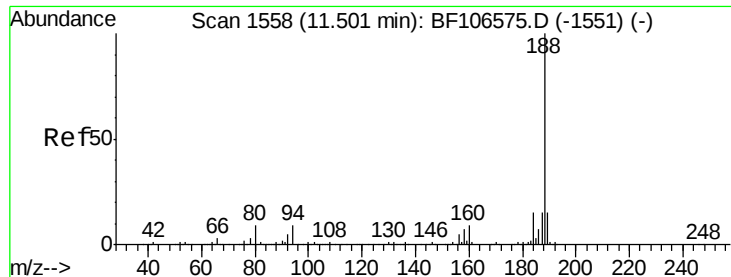
#57
Fluorene
Concen: 11.052 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.03 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion:166 Resp: 38884
Ion Ratio Lower Upper
166 100
165 100.9 79.8 119.8
167 14.0 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

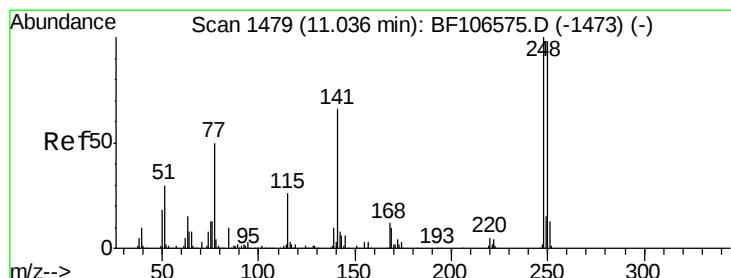
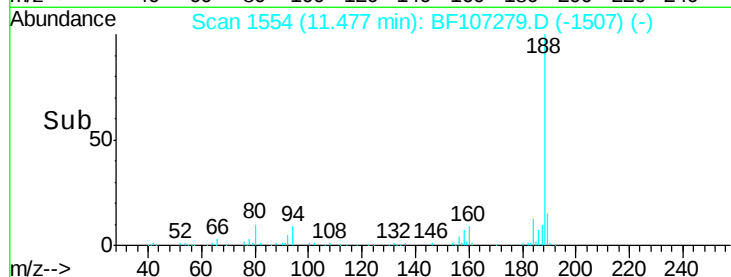
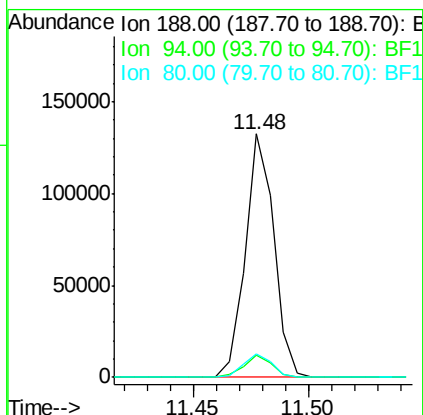
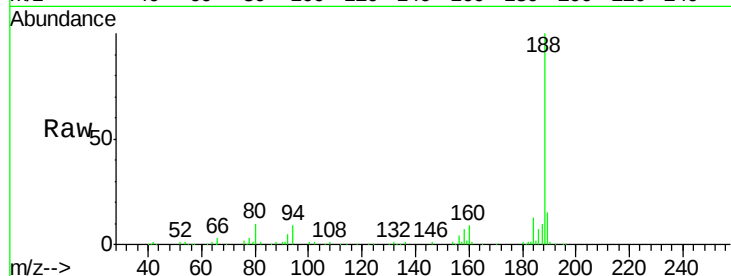




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1554
Delta R.T. -0.02 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

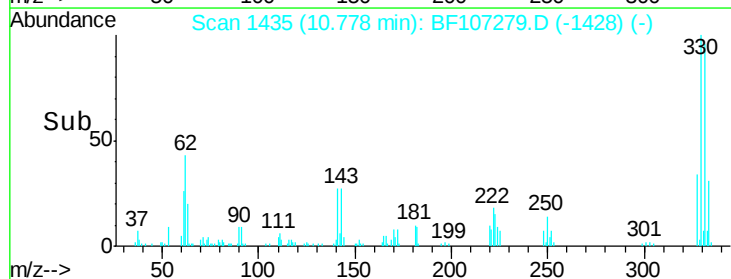
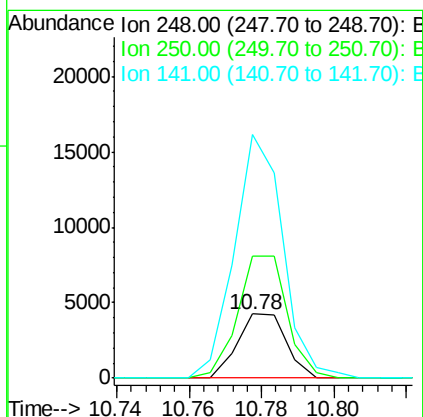
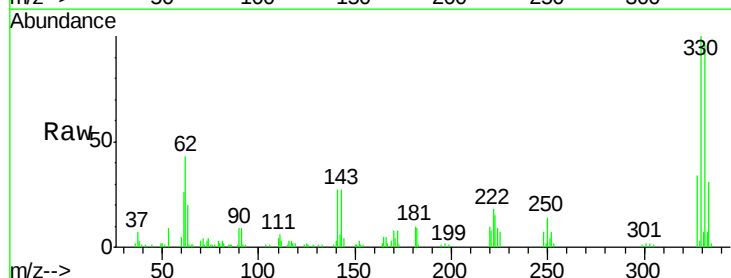
Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

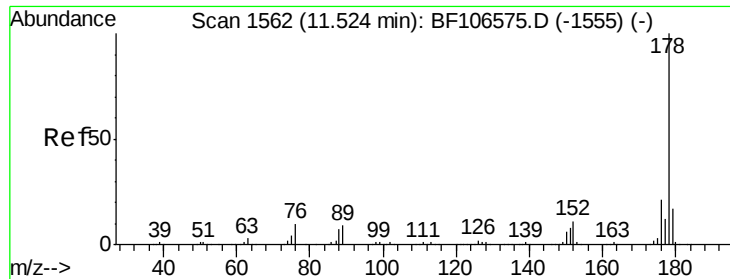
Tgt Ion:188 Resp: 114551
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.8 9.2 13.8



#66
4-Bromophenyl-phenylether
Concen: 2.911 ng
RT: 10.78 min Scan# 1435
Delta R.T. -0.26 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion:248 Resp: 3980
Ion Ratio Lower Upper
248 100
250 190.6 76.9 115.3#
141 378.8 74.4 111.6#





#70

Phenanthrene

Concen: 54.553 ng

RT: 11.51 min Scan# 1559

Delta R.T. -0.02 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

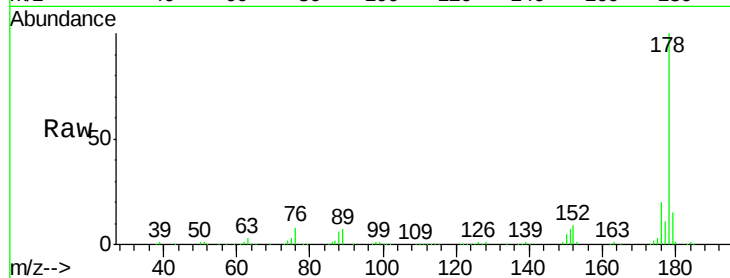
Tgt Ion:178 Resp: 301405

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

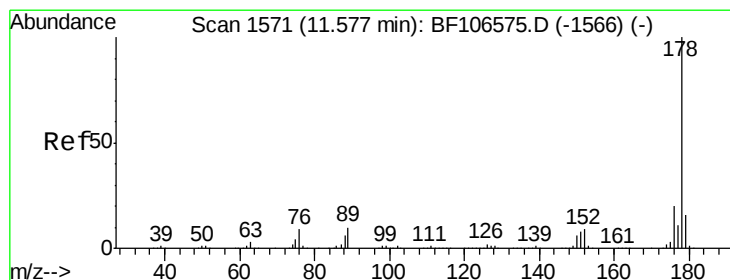
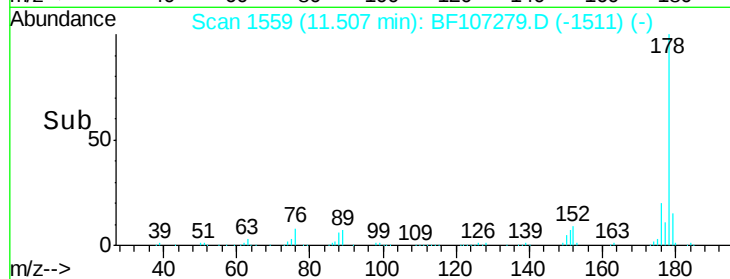
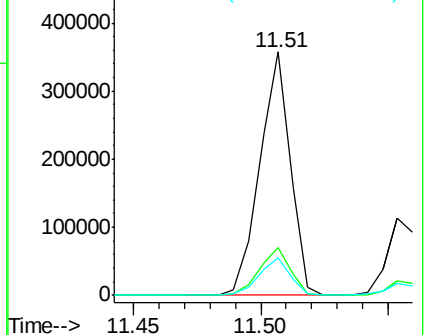
179 15.4 13.0 19.6



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: 16.666 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.02 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

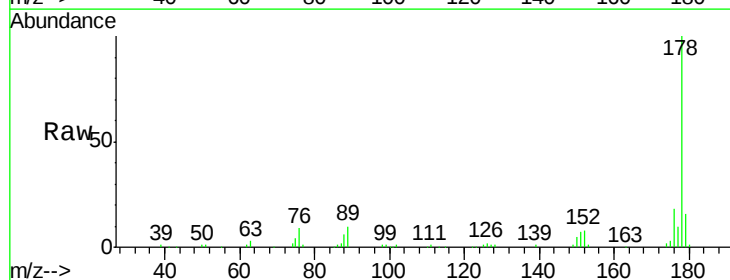
Tgt Ion:178 Resp: 93989

Ion Ratio Lower Upper

178 100

176 18.5 15.4 23.2

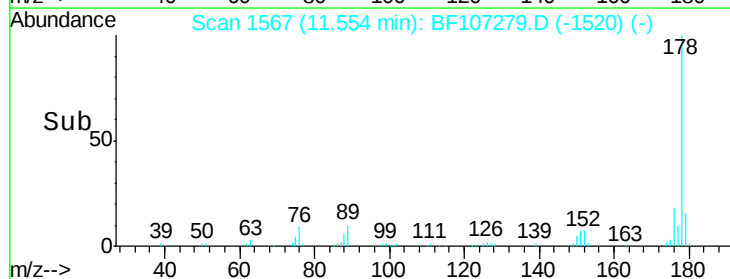
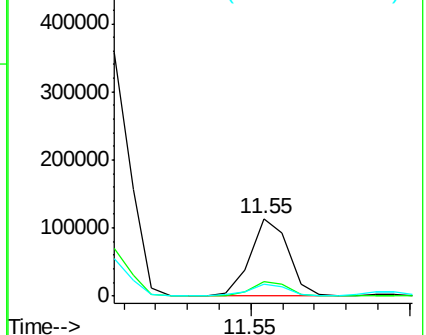
179 15.8 12.6 19.0

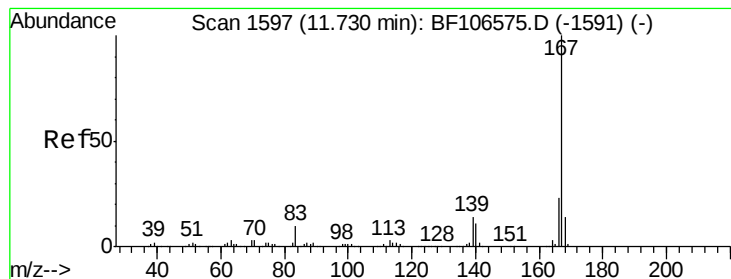


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.694 ng

RT: 11.71 min Scan# 1594

Delta R.T. -0.02 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

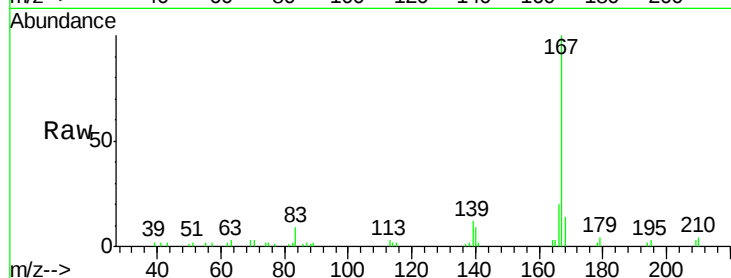
Tgt Ion:167 Resp: 19505

Ion Ratio Lower Upper

167 100

166 20.0 17.6 26.4

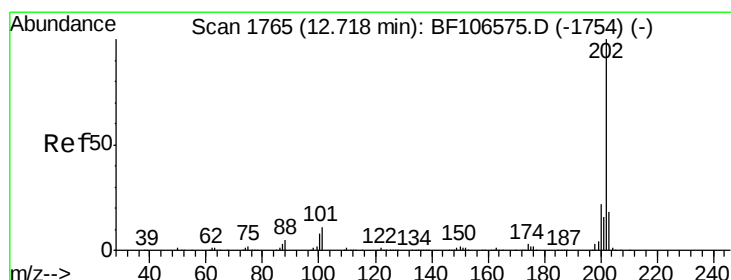
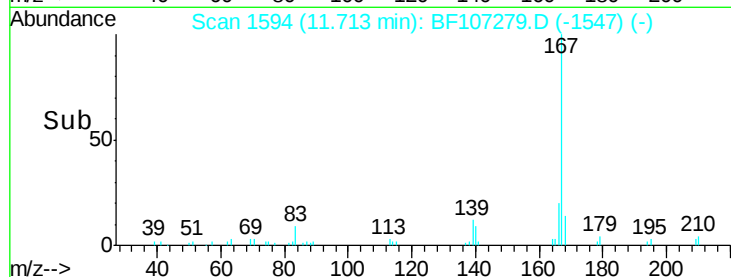
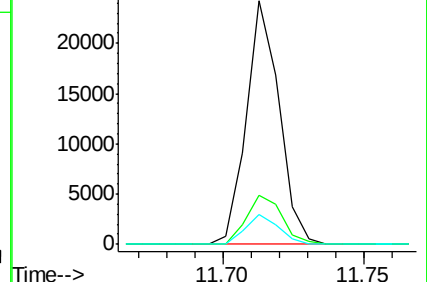
139 12.5 10.9 16.3



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: 57.592 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

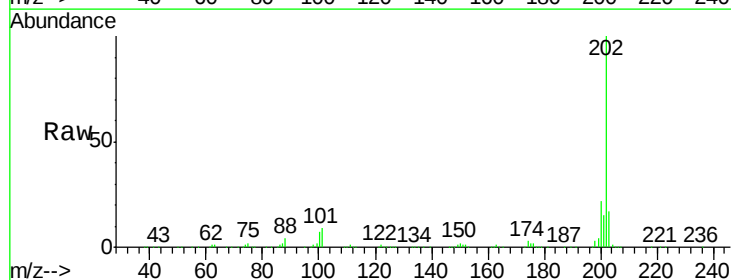
Tgt Ion:202 Resp: 350718

Ion Ratio Lower Upper

202 100

101 9.4 0.0 34.1

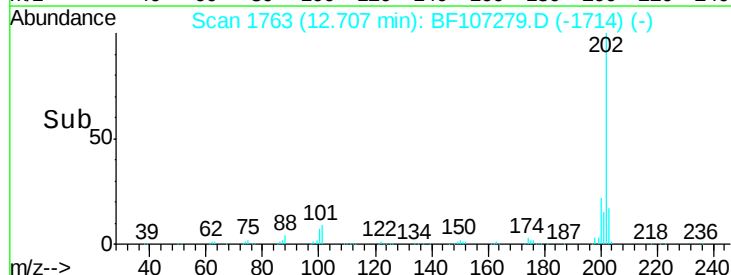
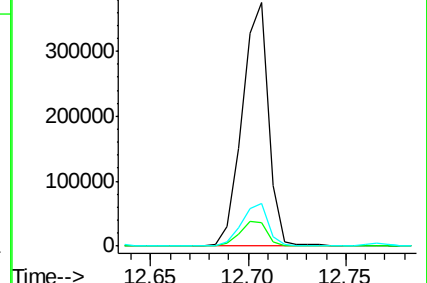
203 17.4 0.0 38.1

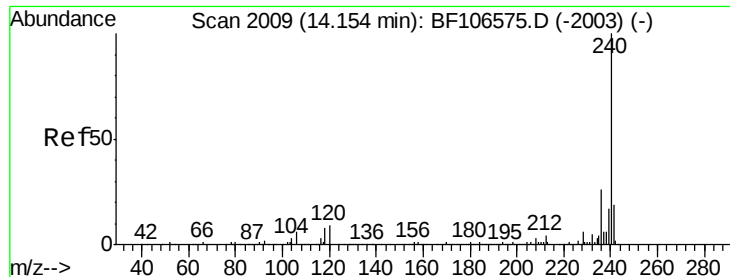


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

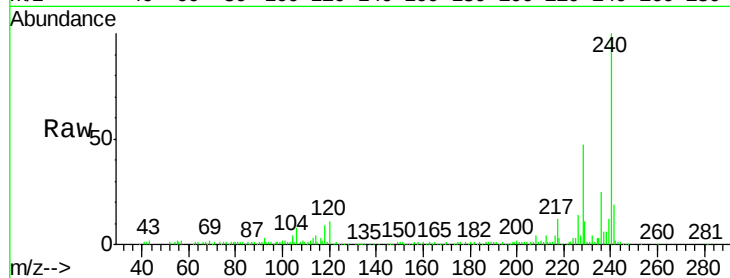
Tgt Ion:240 Resp: 104231

Ion Ratio Lower Upper

240 100

120 10.5 9.5 14.3

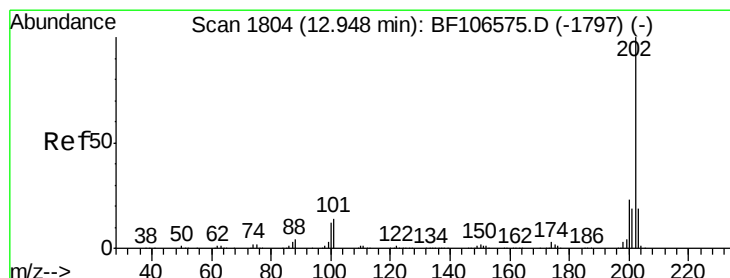
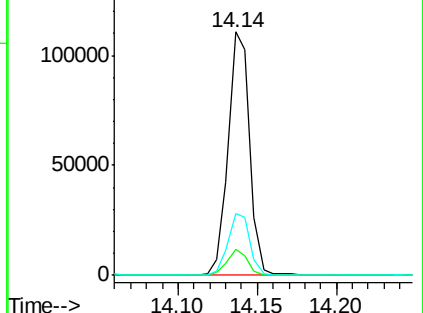
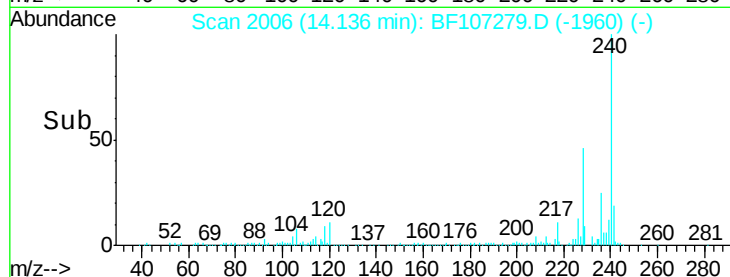
236 25.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 44.108 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

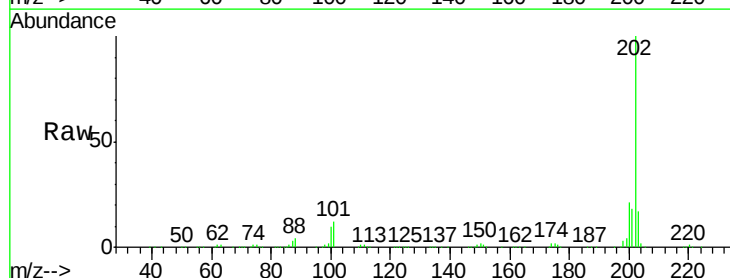
Tgt Ion:202 Resp: 303168

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

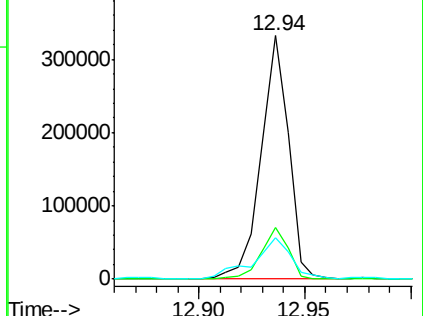
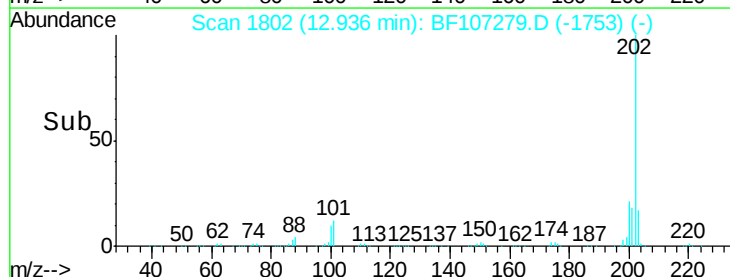
203 17.2 14.3 21.5

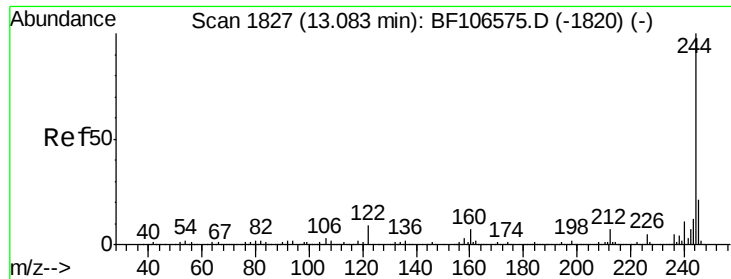


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

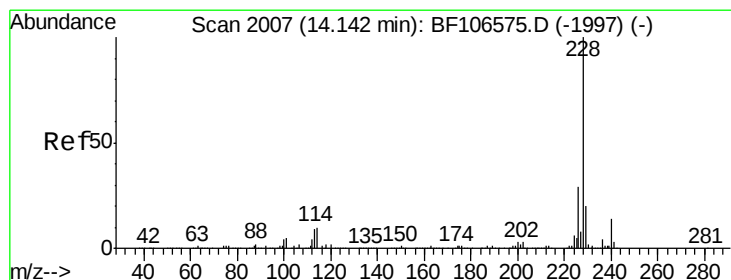
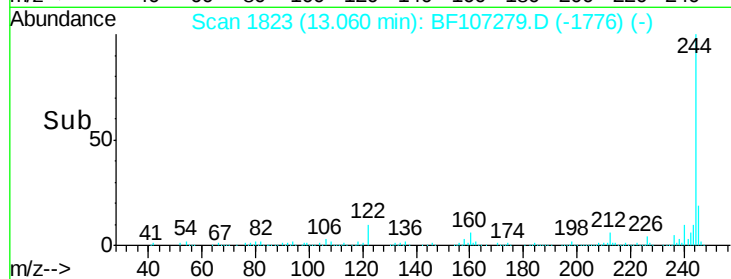
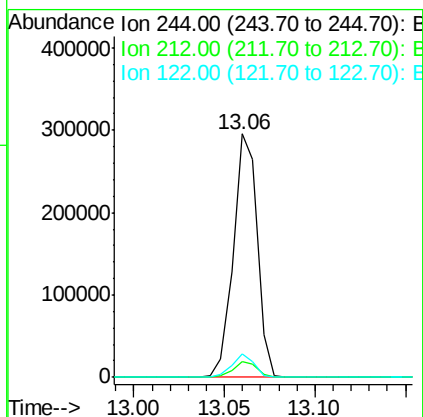
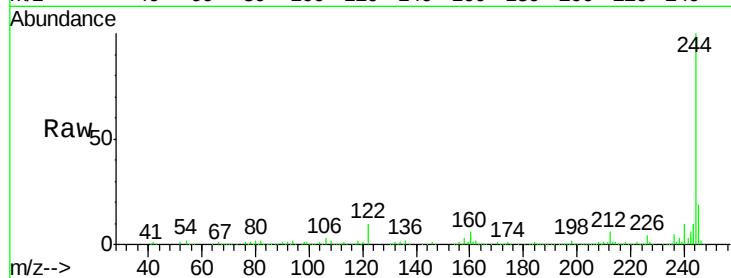




#78
 Terphenyl-d14
 Concen: 62.987 ng
 RT: 13.06 min Scan# 1823
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

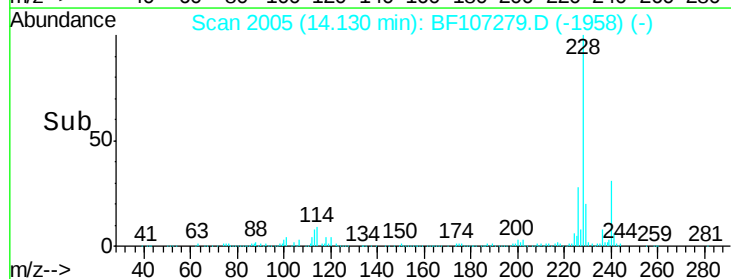
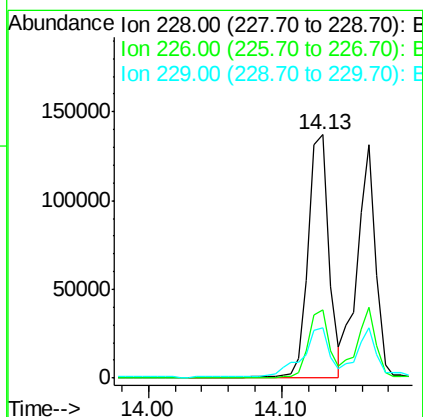
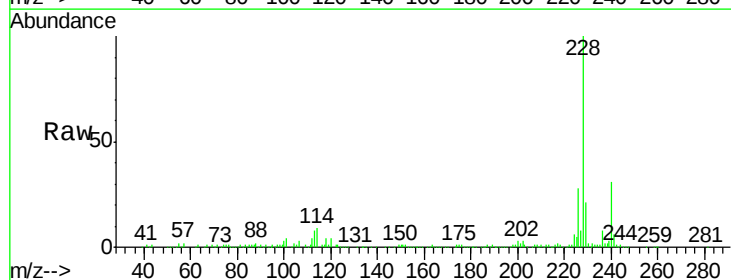
Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

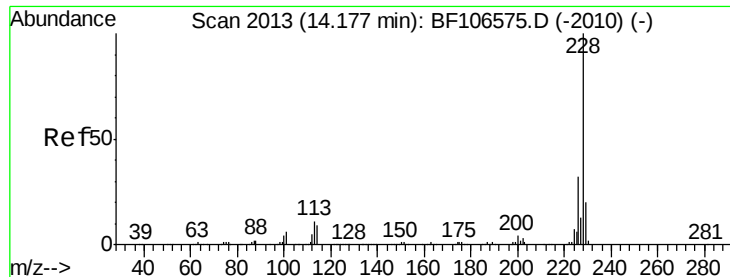
Tgt Ion:244 Resp: 271033
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.7 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 22.723 ng
 RT: 14.13 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion:228 Resp: 144348
 Ion Ratio Lower Upper
 228 100
 226 28.1 22.6 33.8
 229 20.5 15.8 23.6

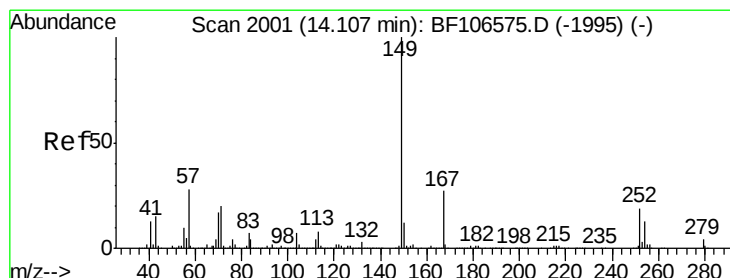
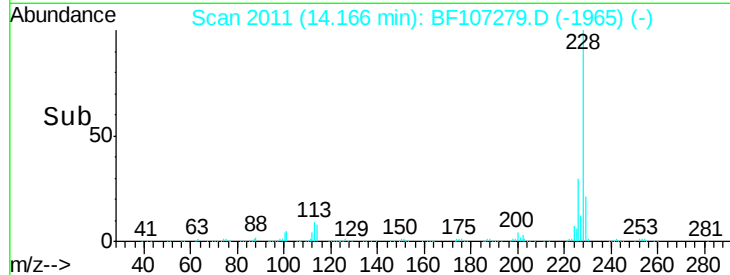
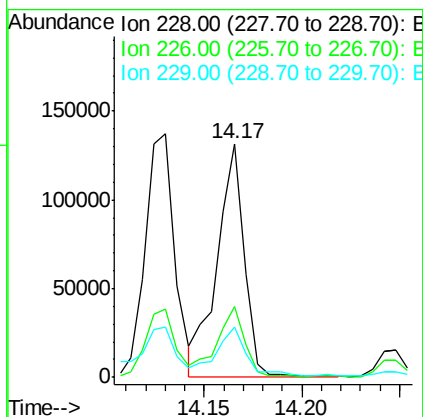
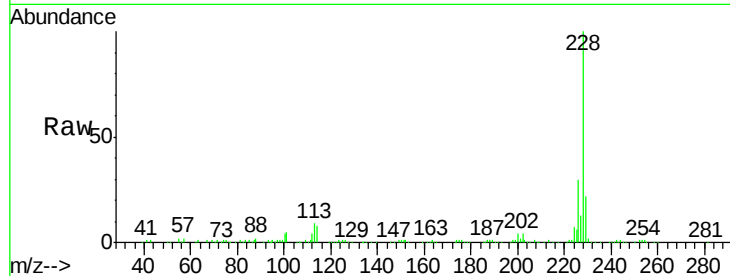




#82
 Chrysene
 Concen: 21.701 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

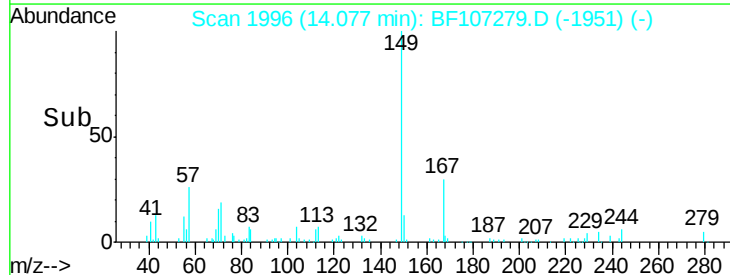
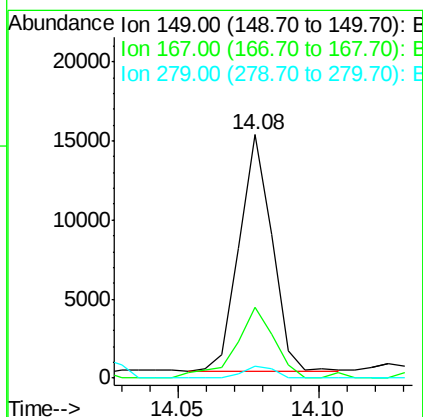
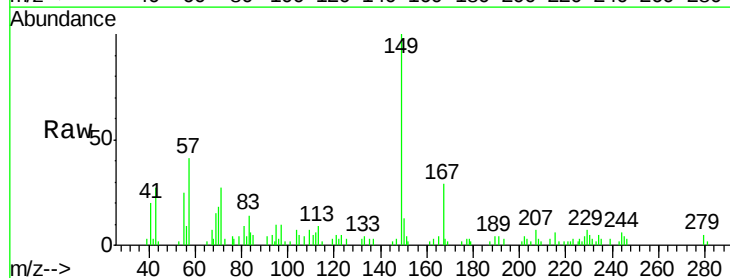
Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242RE

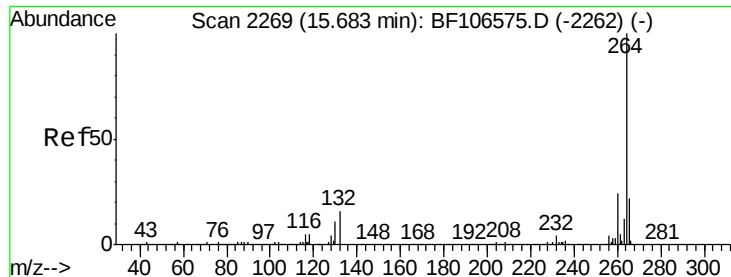
Tgt Ion: 228 Resp: 126829
 Ion Ratio Lower Upper
 228 100
 226 30.3 25.0 37.6
 229 21.6 16.2 24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.313 ng
 RT: 14.08 min Scan# 1996
 Delta R.T. -0.04 min
 Lab File: BF107279.D
 Acq: 10 Jul 2018 18:09

Tgt Ion: 149 Resp: 11971
 Ion Ratio Lower Upper
 149 100
 167 29.3 21.3 31.9
 279 5.1 3.0 4.4#

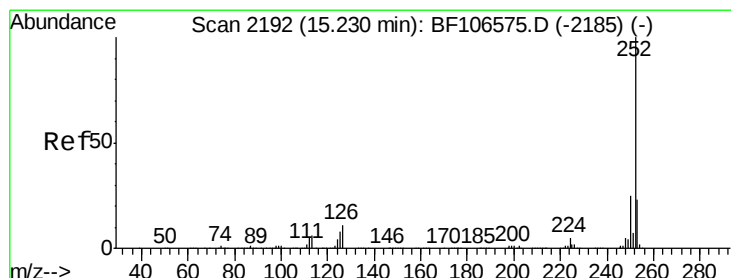
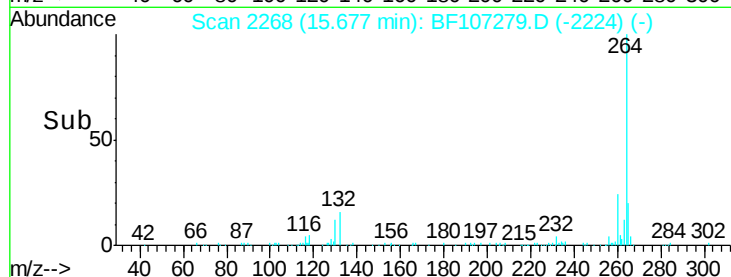
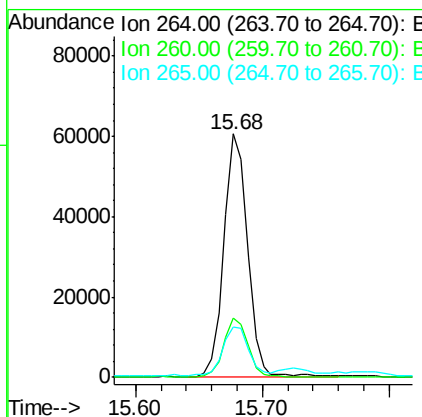
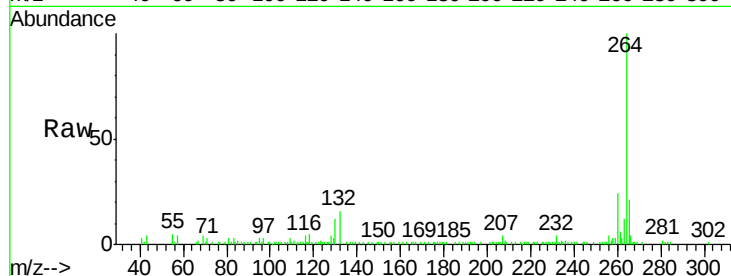




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.04 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

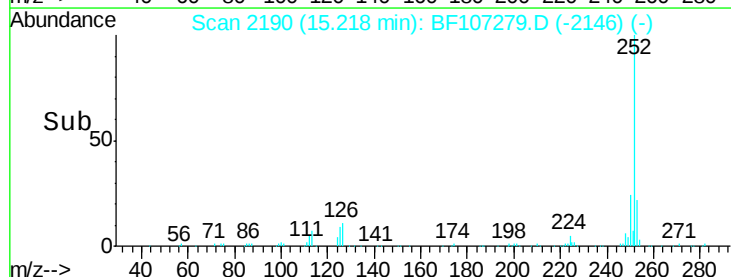
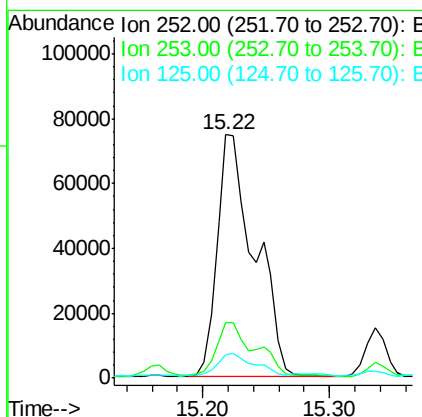
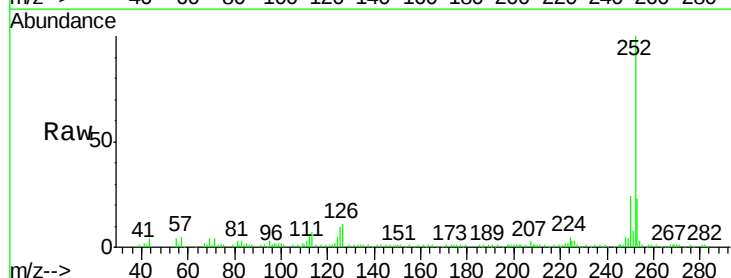
Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

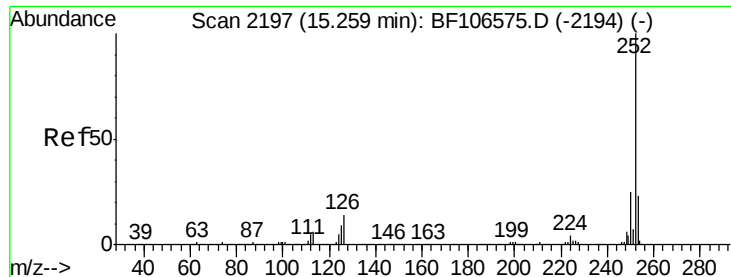
Tgt Ion:264 Resp: 79343
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 20.9 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 31.396 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion:252 Resp: 154743
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 9.6 9.0 13.6

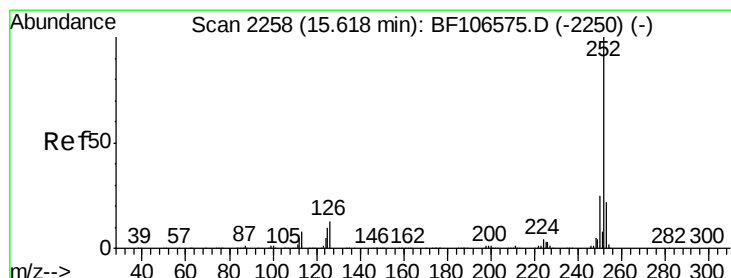
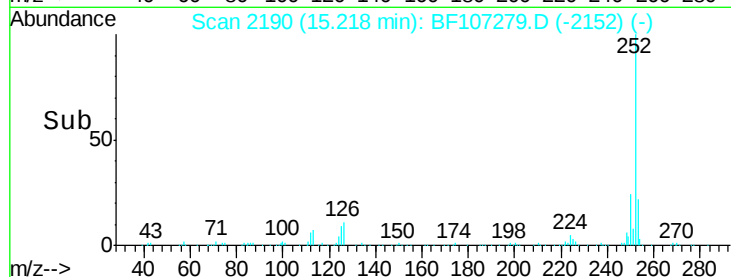
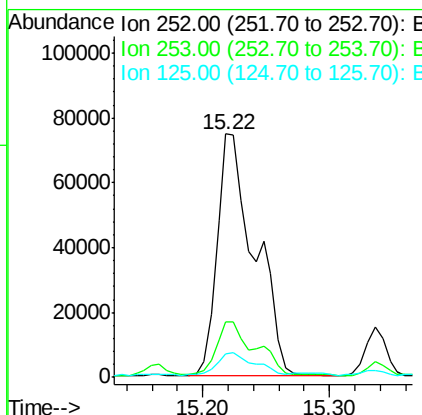
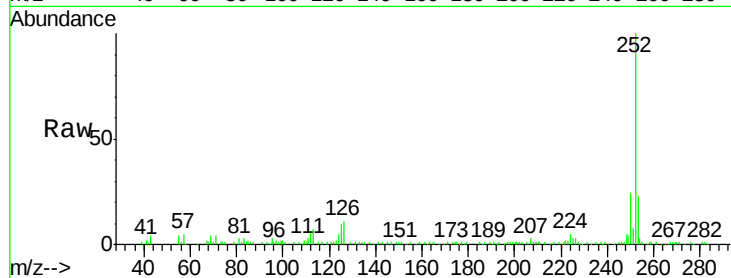




#88
Benzo(k)fluoranthene
Concen: 32.969 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.08 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

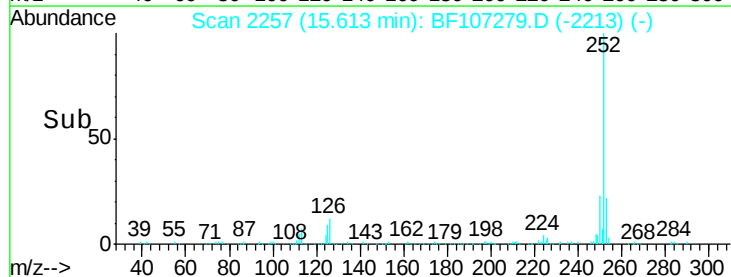
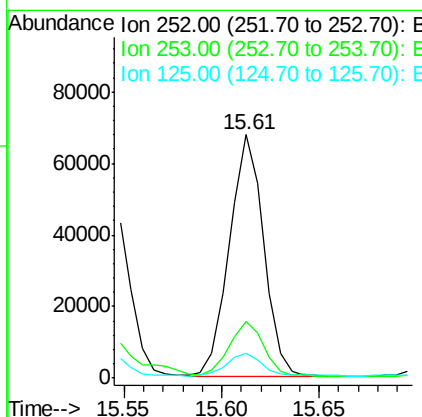
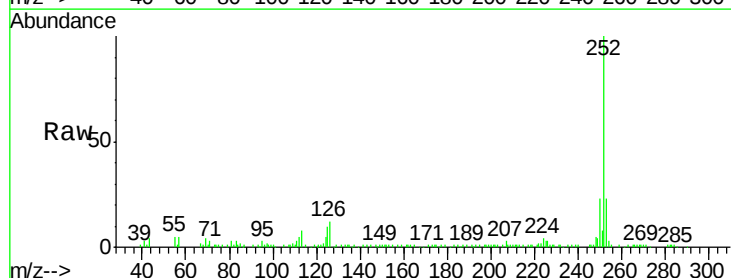
Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242RE

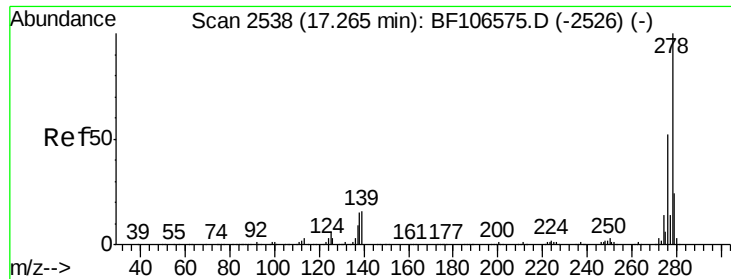
Tgt Ion:252 Resp: 154743
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 9.6 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 18.886 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107279.D
Acq: 10 Jul 2018 18:09

Tgt Ion:252 Resp: 82751
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 10.2 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 3.451 ng

RT: 17.26 min Scan# 2537

Delta R.T. -0.06 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242RE

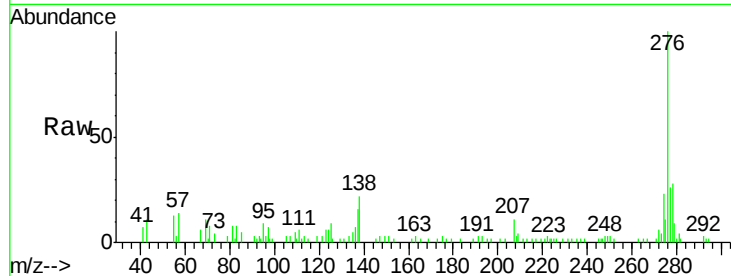
Tgt Ion: 278 Resp: 12815

Ion Ratio Lower Upper

278 100

139 0.0 15.9 23.9#

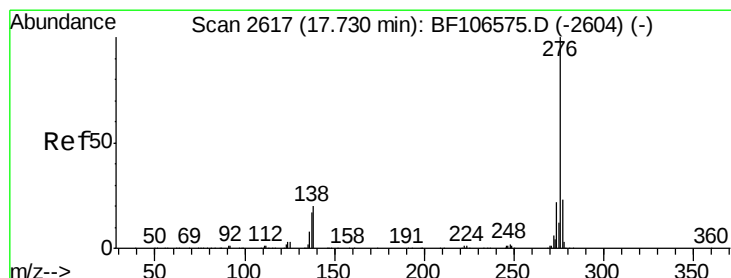
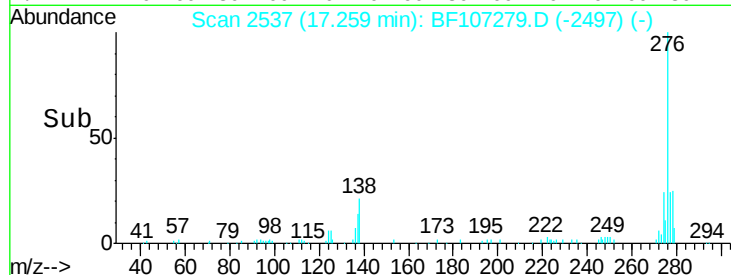
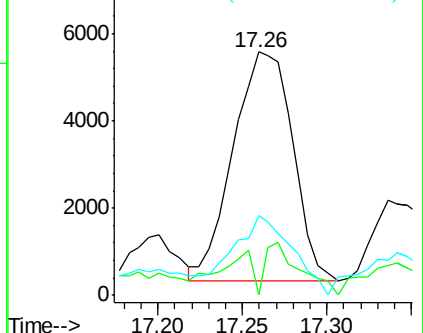
279 33.0 19.0 28.4#



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: 11.809 ng

RT: 17.75 min Scan# 2621

Delta R.T. -0.04 min

Lab File: BF107279.D

Acq: 10 Jul 2018 18:09

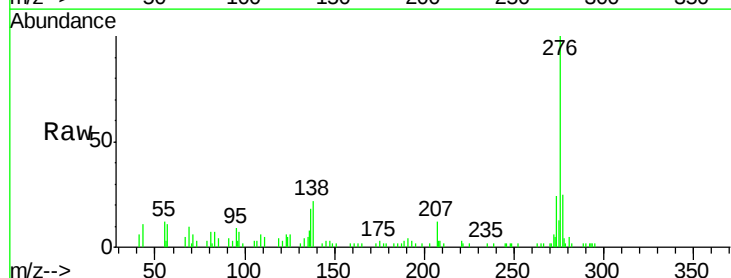
Tgt Ion: 276 Resp: 42862

Ion Ratio Lower Upper

276 100

277 25.5 17.9 26.9

138 21.8 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

