

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071018\
 Data File : BF107271.D
 Acq On : 10 Jul 2018 14:35
 Operator : JU/SJ
 Sample : J3891-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 10 15:44:30 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	32081	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	110135	20.00	ng	-0.02
38) Acenaphthene-d10	9.98	164	49981	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	106290	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	104557	20.00	ng	-0.02
86) Perylene-d12	15.68	264	77026	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	192774	101.75	ng	-0.02
7) Phenol-d6	6.59	99	228460	96.56	ng	-0.02
23) Nitrobenzene-d5	7.51	82	134379	67.81	ng	-0.03
41) 2,4,6-Tribromophenol	10.78	330	61058	105.40	ng	-0.02
44) 2-Fluorobiphenyl	9.30	172	203342	65.47	ng	-0.03
78) Terphenyl-d14	13.07	244	260217	60.29	ng	-0.02

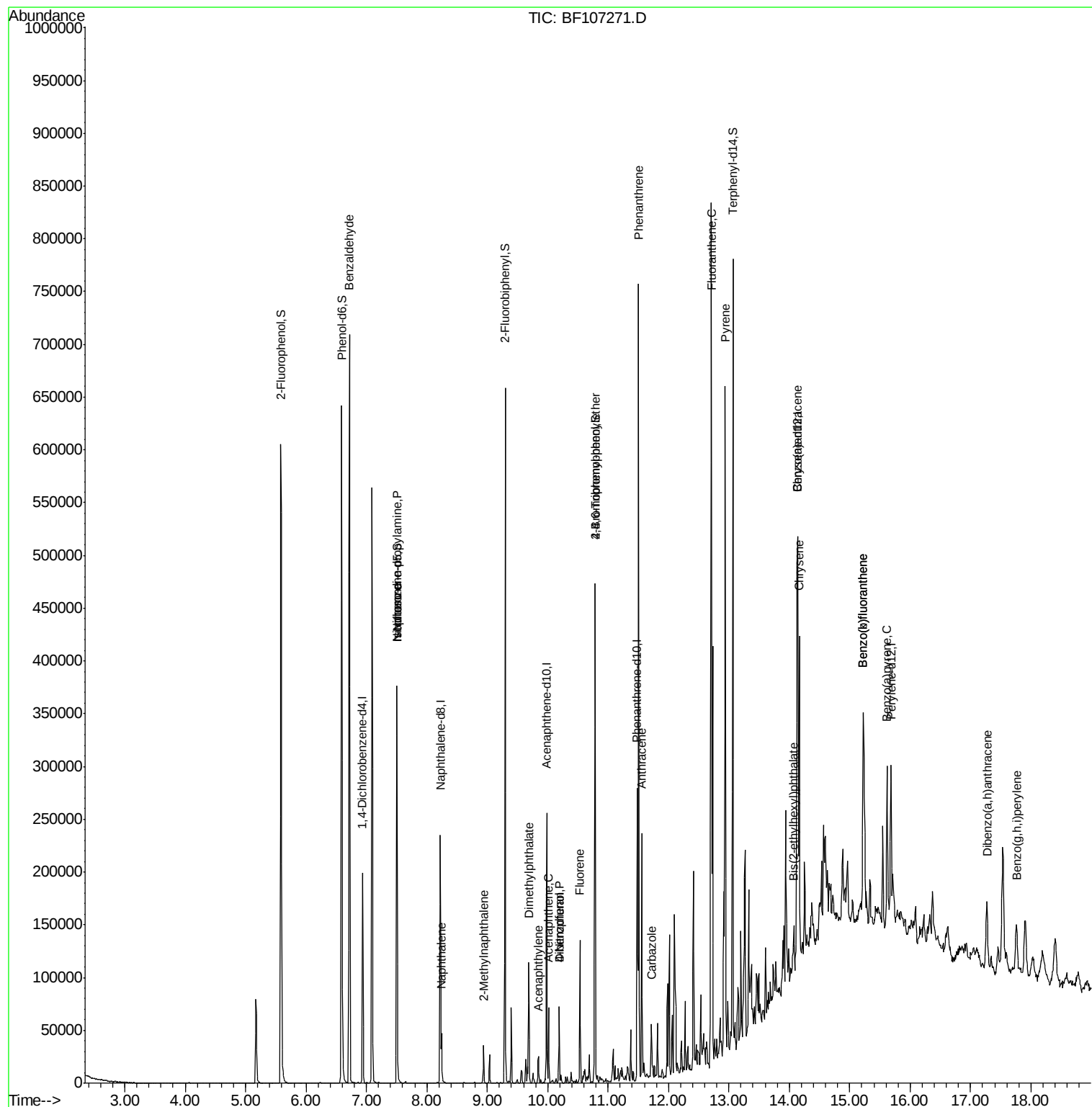
Target Compounds					Qvalue	
9) Benzaldehyde	6.72	77	4036	2.036	ng	83
19) n-Nitroso-di-n-propylamine	7.51	70	17163	11.005	ng	# 73
25) Isophorone	7.51	82	134378	38.479	ng	# 64
31) Naphthalene	8.24	128	19863	3.858	ng	98
37) 2-Methylnaphthalene	8.94	142	11791	3.455	ng	91
48) Acenaphthylene	9.85	152	11304	2.284	ng	97
49) Dimethylphthalate	9.69	163	44084	11.760	ng	99
51) Acenaphthene	10.02	154	16454	5.279	ng	95
54) Dibenzofuran	10.19	168	27597	6.465	ng	95
55) 4-Nitrophenol	10.19	139	9252	14.511	ng	# 9
57) Fluorene	10.54	166	37313	11.016	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	3778	2.978	ng	# 1
70) Phenanthrene	11.51	178	288948	56.363	ng	99
71) Anthracene	11.56	178	91665	17.518	ng	98
72) Carbazole	11.72	167	18704	3.818	ng	98
74) Fluoranthene	12.71	202	342551	60.623	ng	95
77) Pyrene	12.94	202	293616	42.585	ng	99
80) Benzo(a)anthracene	14.13	228	145826	22.884	ng	98
82) Chrysene	14.17	228	119975	20.464	ng	98
83) Bis(2-ethylhexyl)phthalate	14.08	149	11483	3.168	ng	# 92
87) Benzo(b)fluoranthene	15.22	252	151583	31.680	ng	97
88) Benzo(k)fluoranthene	15.22	252	151583	33.267	ng	98
89) Benzo(a)pyrene	15.62	252	79430	18.674	ng	95
90) Dibenzo(a,h)anthracene	17.27	278	12570	3.487	ng	# 89
91) Benzo(g,h,i)perylene	17.76	276	43411	12.321	ng	# 88

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

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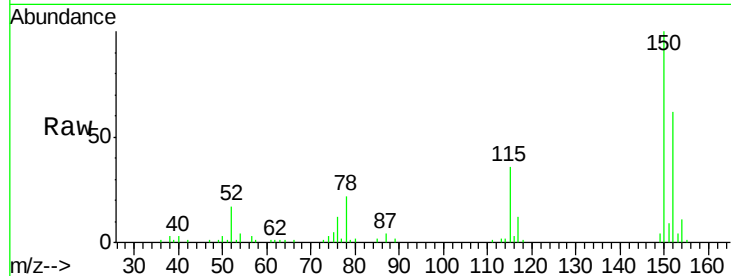


#1

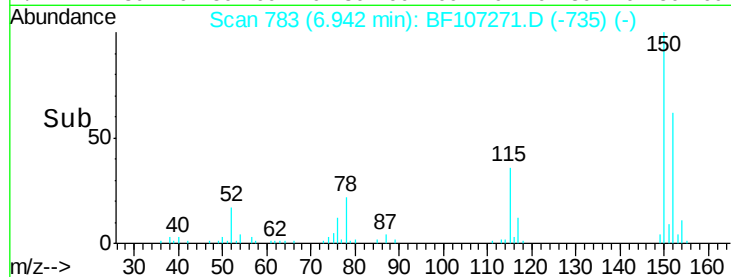
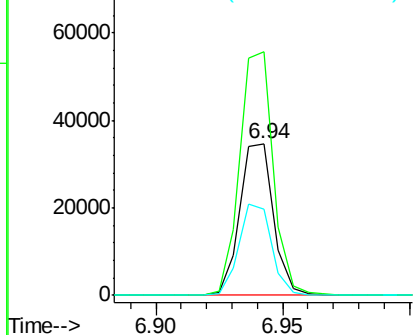
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

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

Tgt Ion:152 Resp: 32081
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 57.1 50.1 75.1



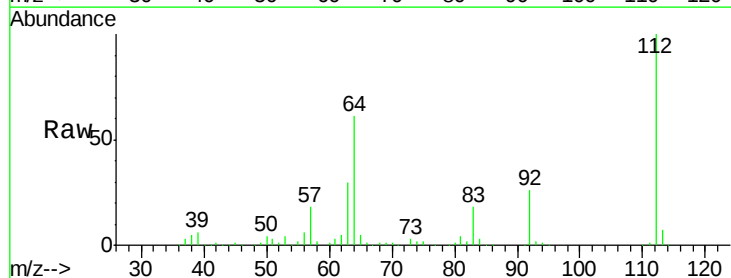
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



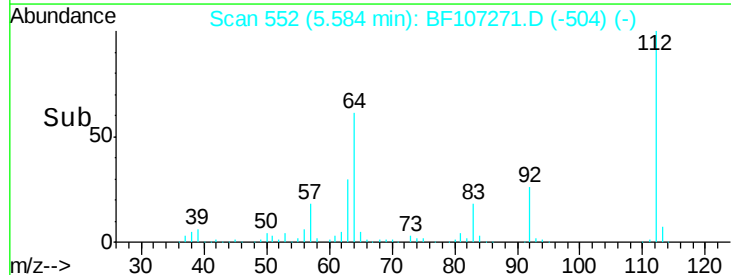
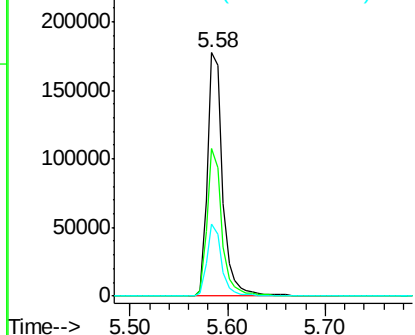
#5

2-Fluorophenol
Concen: 101.751 ng
RT: 5.58 min Scan# 552
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:112 Resp: 192774
Ion Ratio Lower Upper
112 100
64 60.8 47.9 71.9
63 29.6 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: 96.562 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

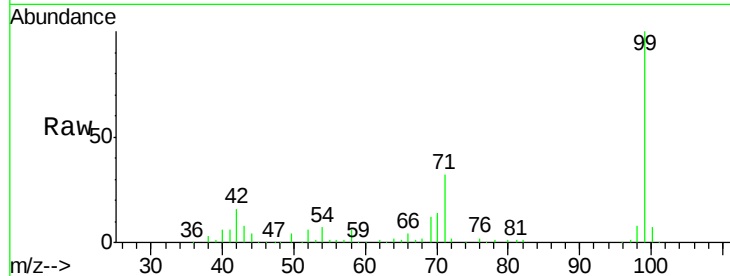
Tgt Ion: 99 Resp: 228460

Ion Ratio Lower Upper

99 100

42 15.8 14.5 21.7

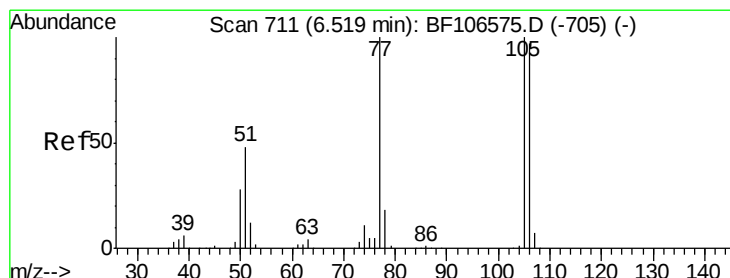
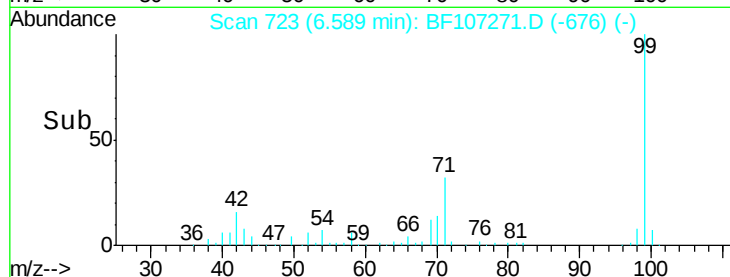
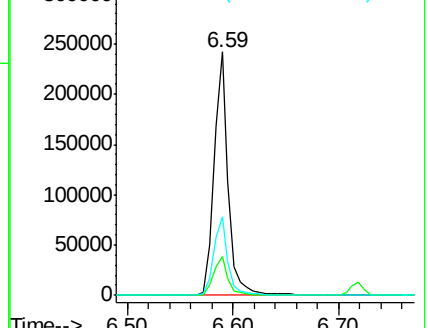
71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.036 ng

RT: 6.72 min Scan# 745

Delta R.T. 0.20 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

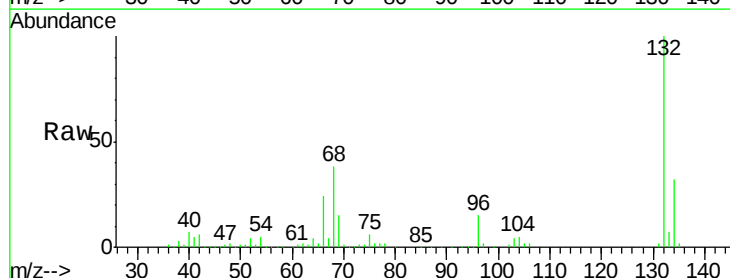
Tgt Ion: 77 Resp: 4036

Ion Ratio Lower Upper

77 100

105 84.0 81.1 121.1

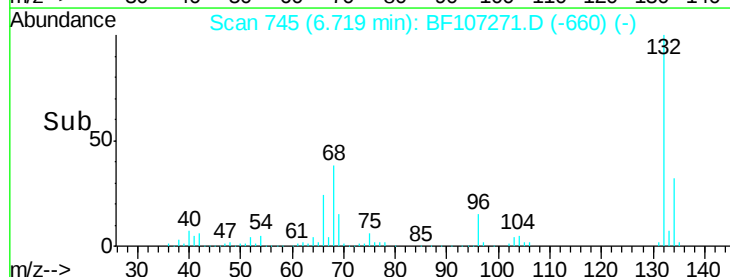
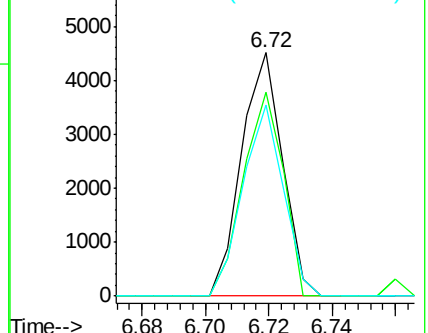
106 78.5 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

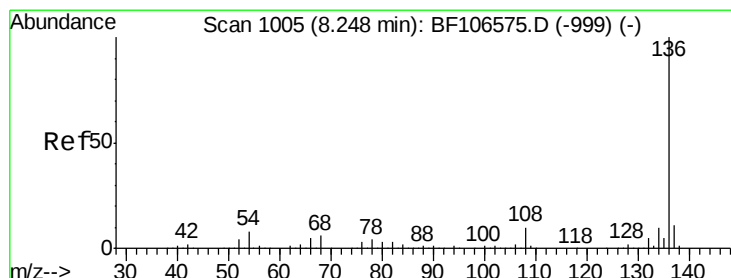
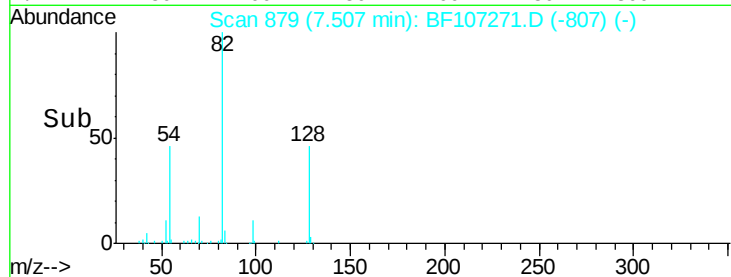
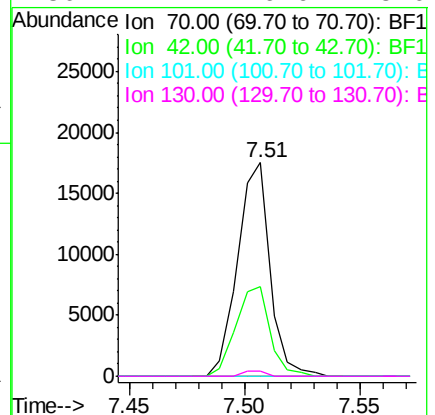
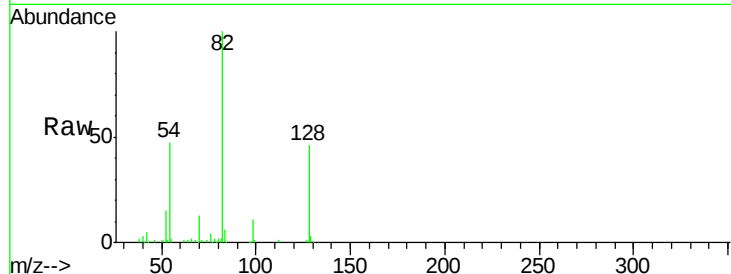




#19
n-Nitroso-di-n-propylamine
Concen: 11.005 ng
RT: 7.51 min Scan# 879
Delta R.T. 0.12 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

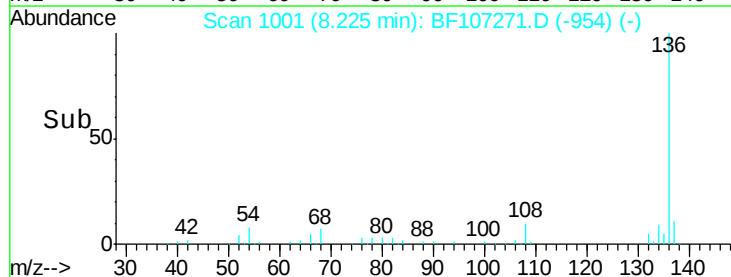
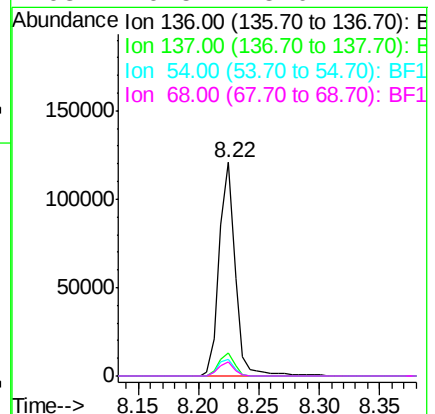
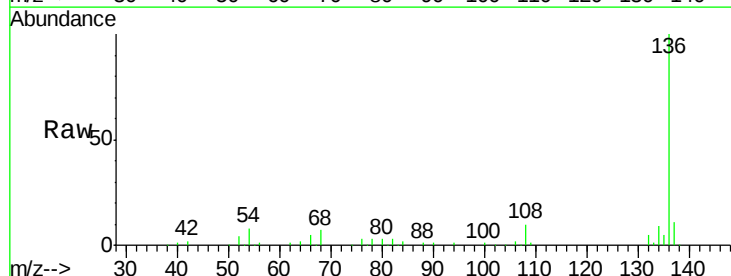
Instrument :
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212-72-11940-R4-VNJ-242

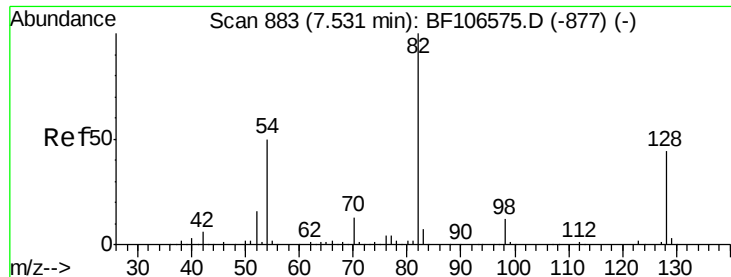
Tgt Ion: 70 Resp: 17163
Ion Ratio Lower Upper
70 100
42 42.0 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion: 136 Resp: 110135
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 8.0 6.6 9.8
68 6.5 5.0 7.4

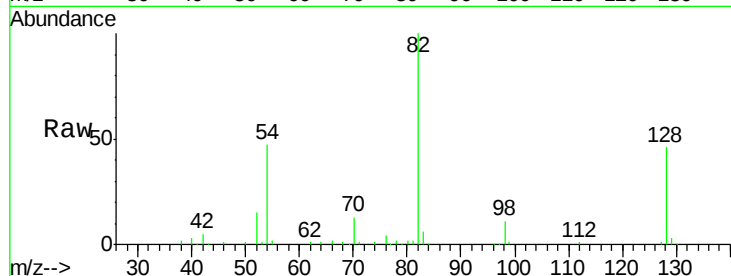




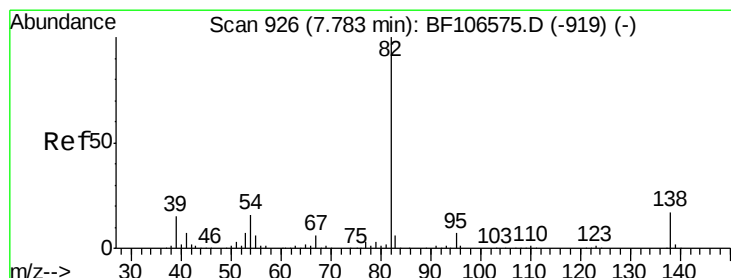
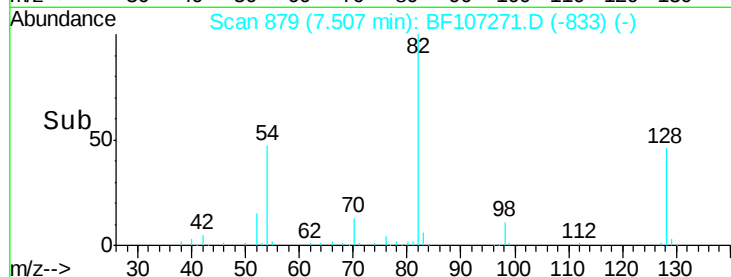
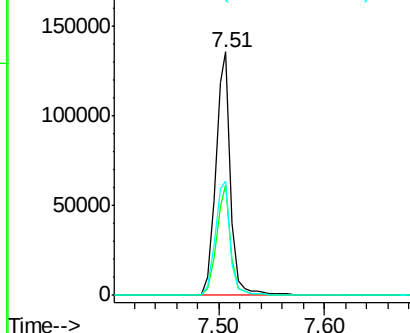
#23
 Nitrobenzene-d5
 Concen: 67.807 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.03 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

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

Tgt Ion: 82 Resp: 134379
 Ion Ratio Lower Upper
 82 100
 128 45.6 36.1 54.1
 54 47.0 41.4 62.2

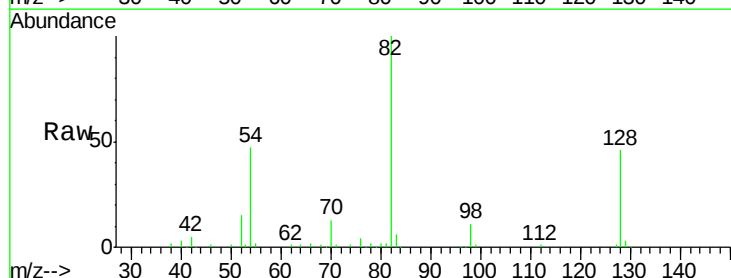


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

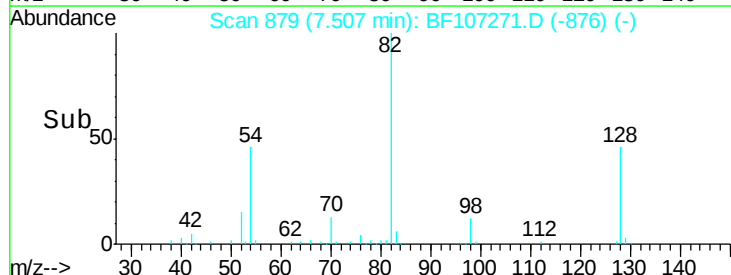
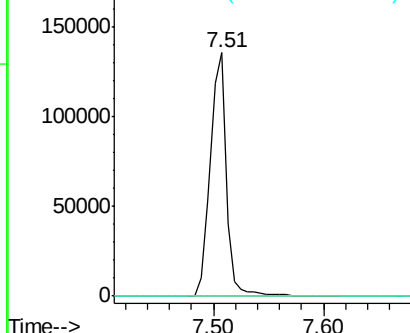


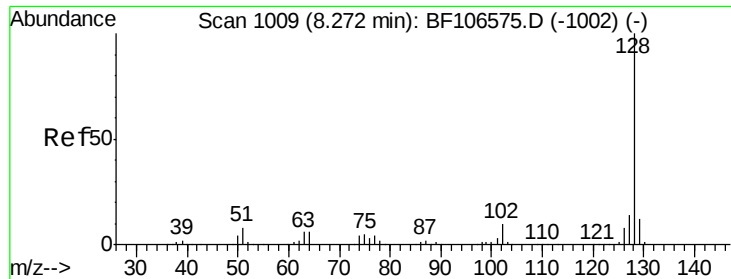
#25
 Isophorone
 Concen: 38.479 ng
 RT: 7.51 min Scan# 879
 Delta R.T. -0.28 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

Tgt Ion: 82 Resp: 134378
 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

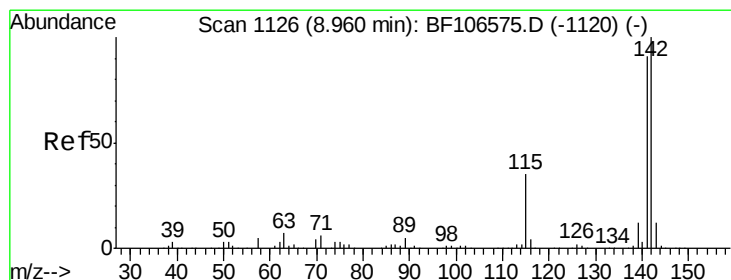
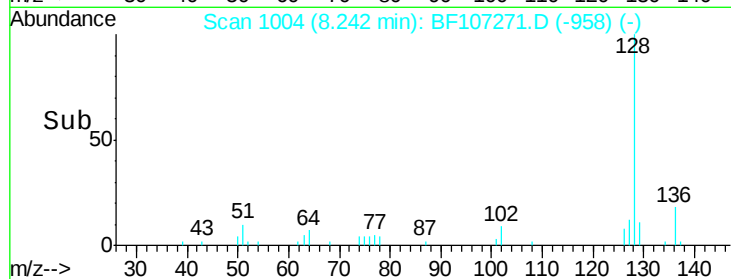
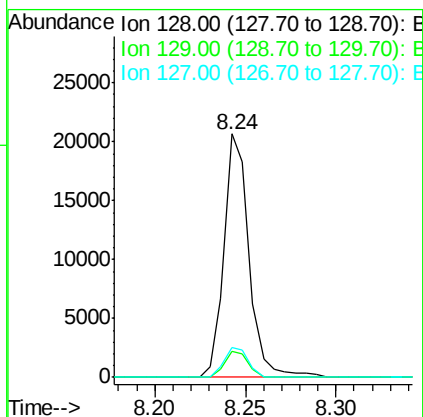
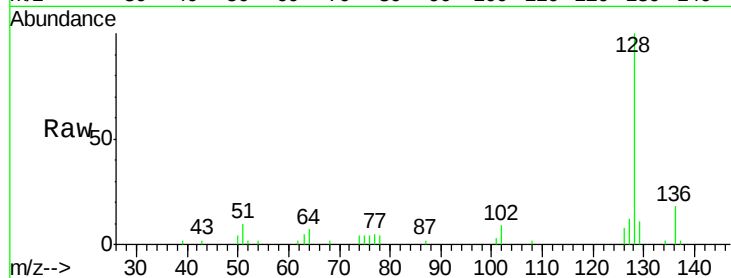




#31
Naphthalene
Concen: 3.858 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.03 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

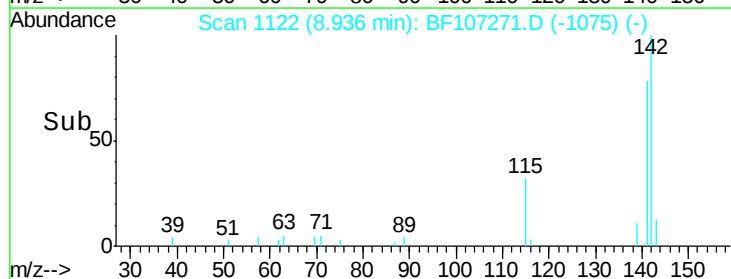
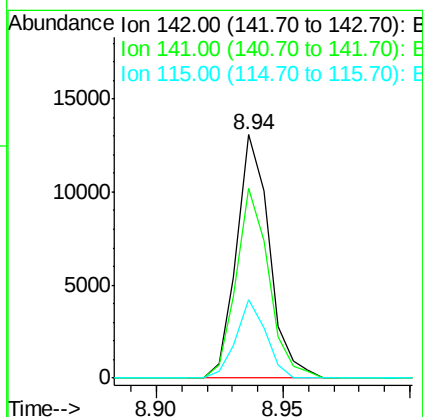
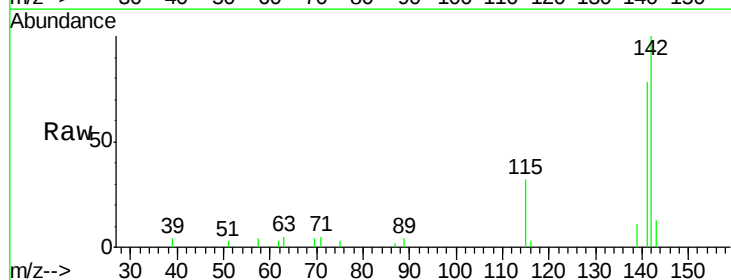
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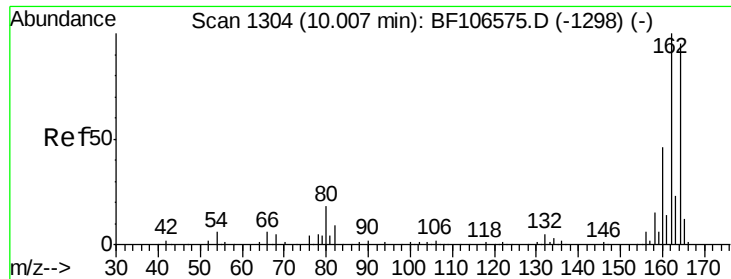
Tgt Ion:128 Resp: 19863
Ion Ratio Lower Upper
128 100
129 10.9 8.8 13.2
127 12.0 10.9 16.3



#37
2-Methylnaphthalene
Concen: 3.455 ng
RT: 8.94 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:142 Resp: 11791
Ion Ratio Lower Upper
142 100
141 77.7 70.8 106.2
115 32.1 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

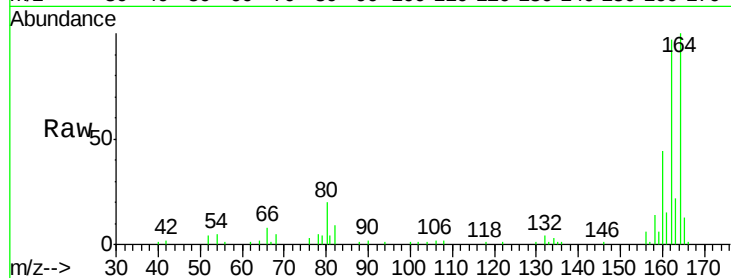
Tgt Ion:164 Resp: 49981

Ion Ratio Lower Upper

164 100

162 96.6 86.1 129.1

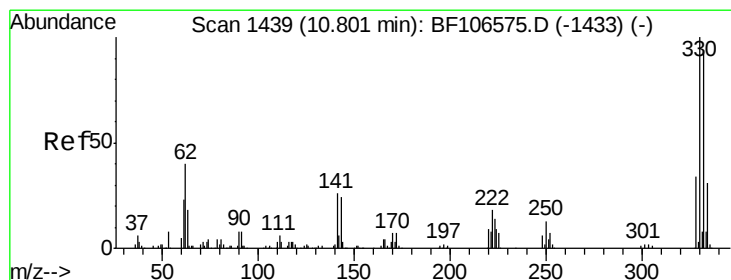
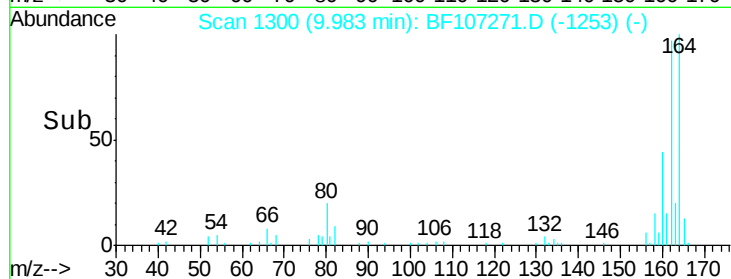
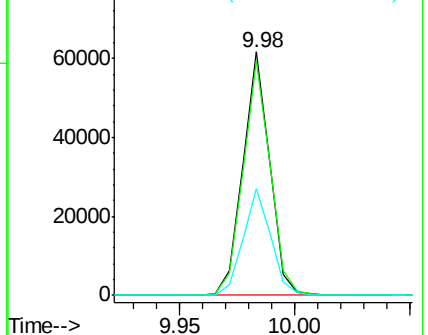
160 43.9 38.3 57.5



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: 105.401 ng

RT: 10.78 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

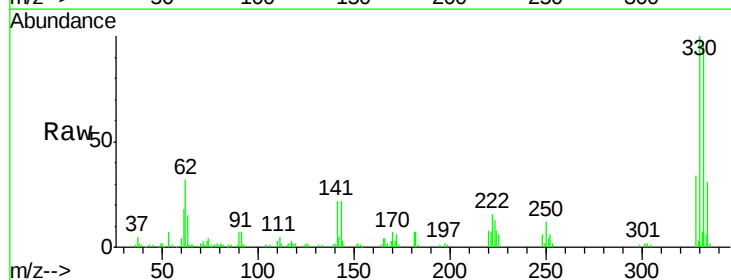
Tgt Ion:330 Resp: 61058

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

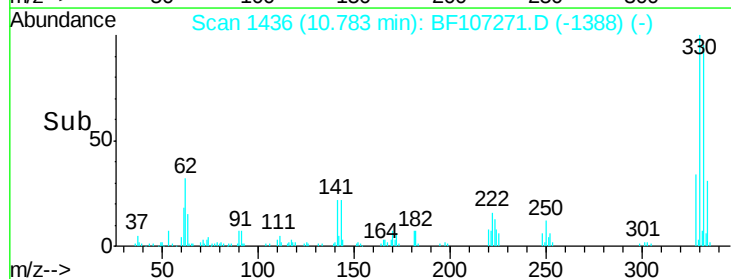
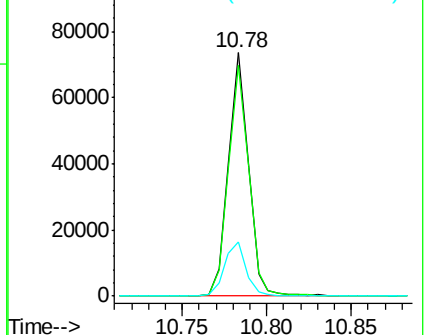
141 23.5 29.9 44.9#

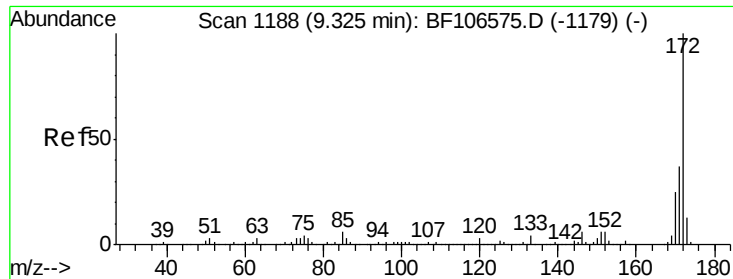


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

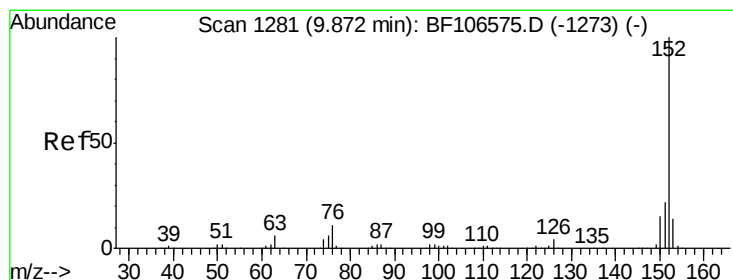
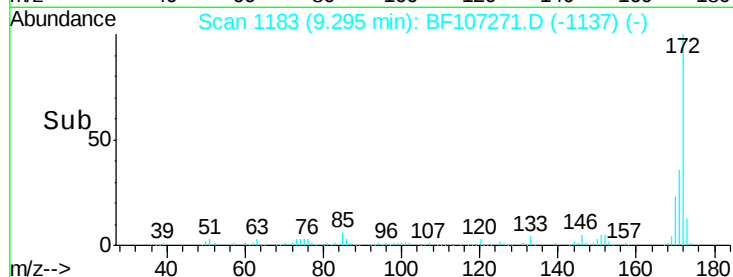
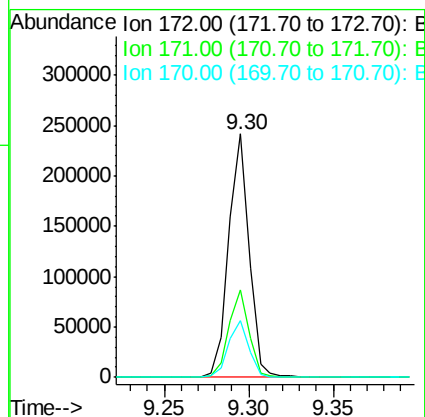
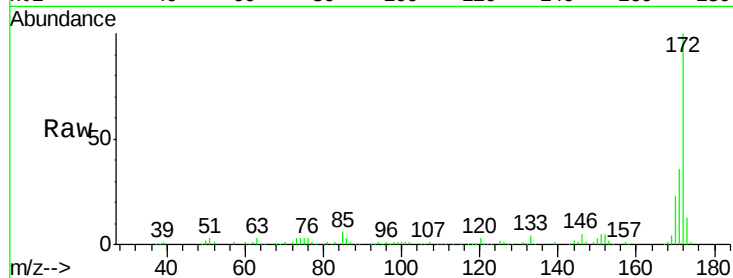




#44
 2-Fluorobiphenyl
 Concen: 65.474 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

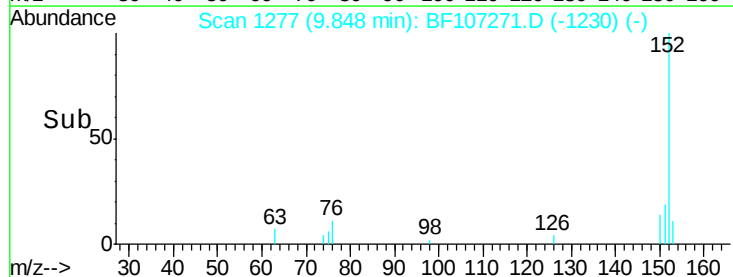
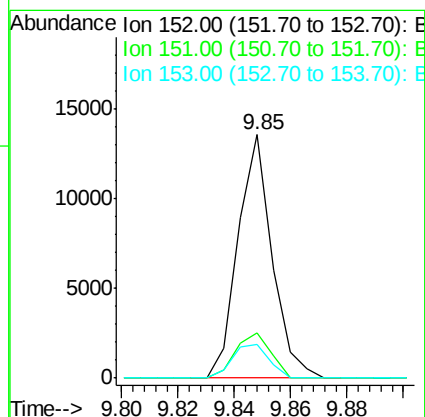
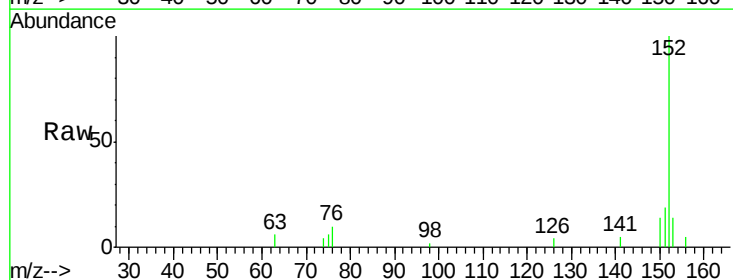
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 ClientSampleId :
 212-72-11940-R4-VNJ-242

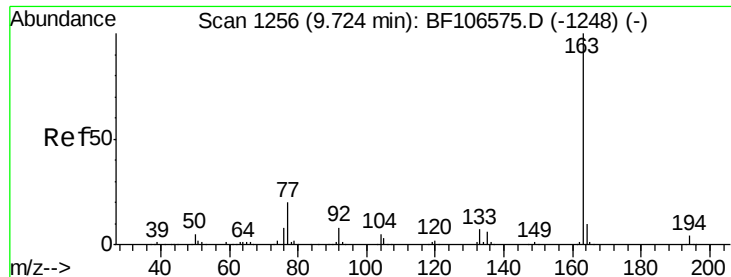
Tgt Ion:172 Resp: 203342
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 19.6 29.4



#48
 Acenaphthylene
 Concen: 2.284 ng
 RT: 9.85 min Scan# 1277
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

Tgt Ion:152 Resp: 11304
 Ion Ratio Lower Upper
 152 100
 151 18.8 16.3 24.5
 153 14.0 10.7 16.1





#49

Dimethylphthalate

Concen: 11.760 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.04 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

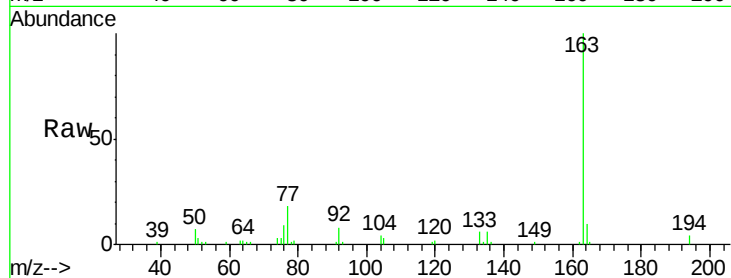
Tgt Ion:163 Resp: 44084

Ion Ratio Lower Upper

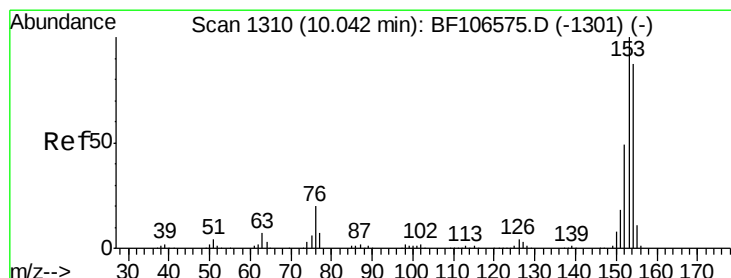
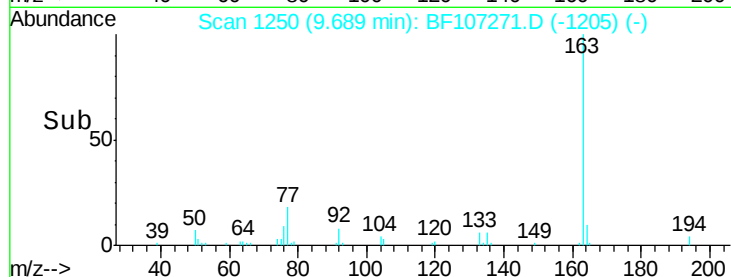
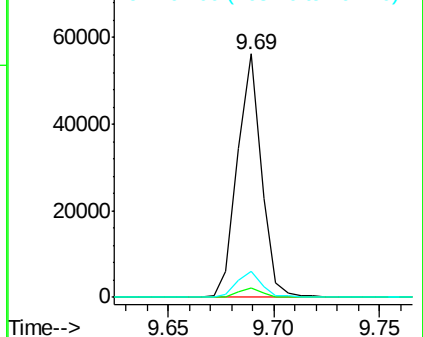
163 100

194 3.9 2.7 4.1

164 10.5 8.2 12.2



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



#51

Acenaphthene

Concen: 5.279 ng

RT: 10.02 min Scan# 1306

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

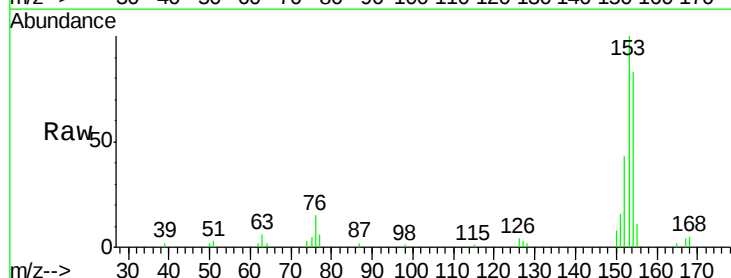
Tgt Ion:154 Resp: 16454

Ion Ratio Lower Upper

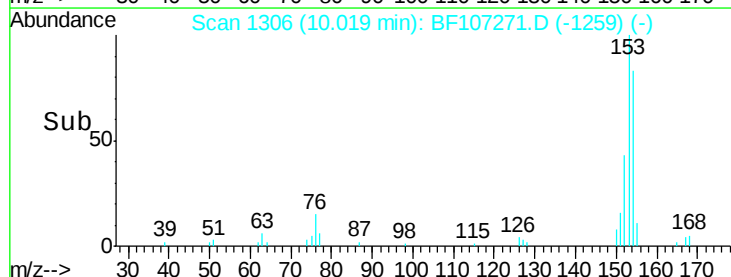
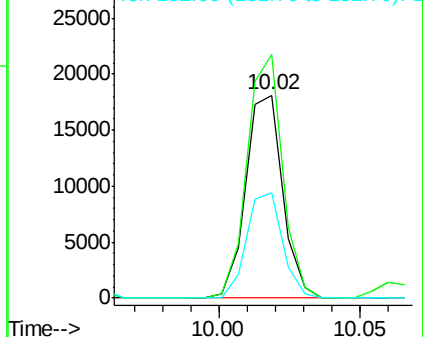
154 100

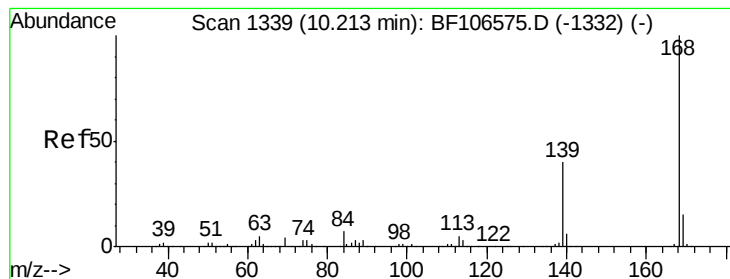
153 119.9 91.2 136.8

152 51.8 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





#54

Dibenzenofuran

Concen: 6.465 ng

RT: 10.19 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

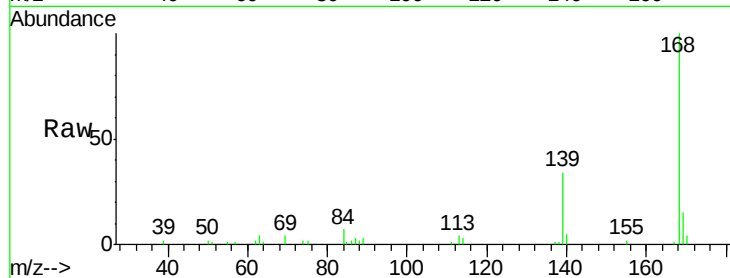
Tgt Ion:168 Resp: 27597

Ion Ratio Lower Upper

168 100

139 33.8 30.1 45.1

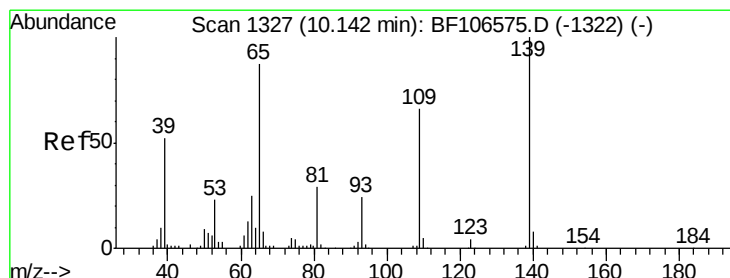
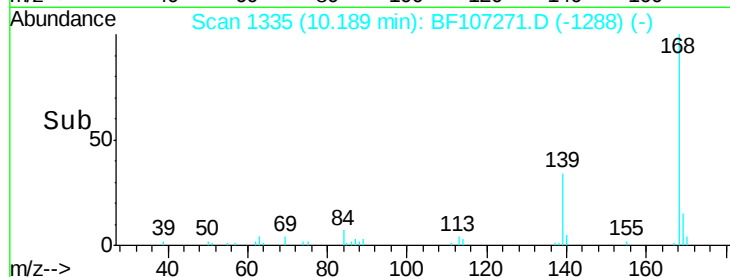
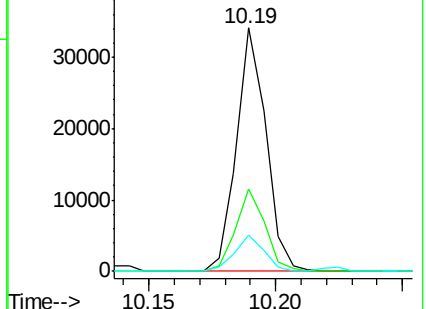
169 14.8 10.9 16.3



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: 14.511 ng

RT: 10.19 min Scan# 1335

Delta R.T. 0.05 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

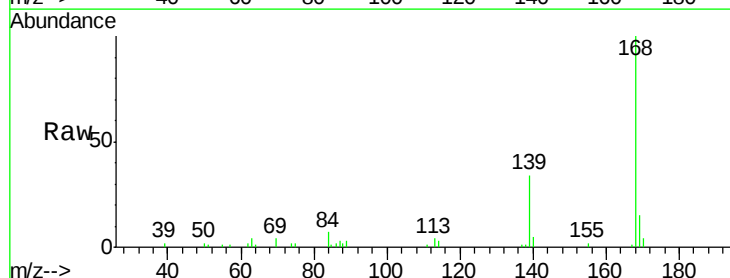
Tgt Ion:139 Resp: 9252

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

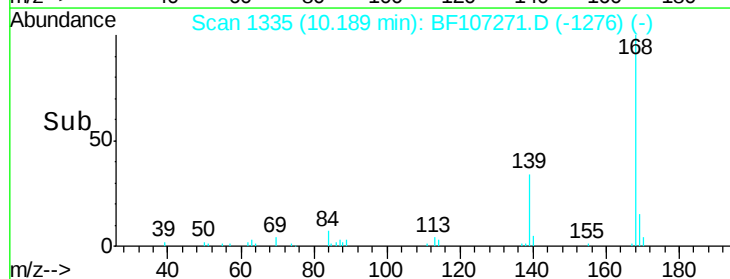
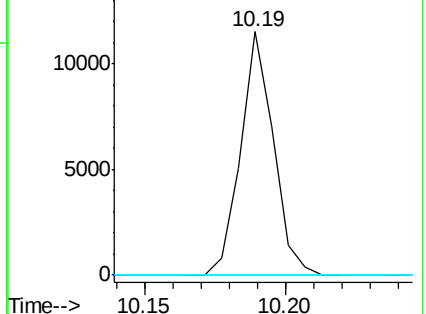
65 0.0 72.6 112.6#

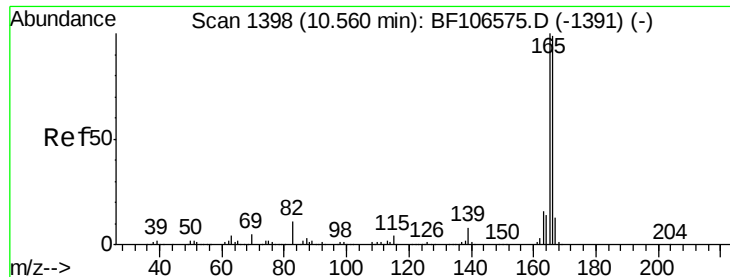


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

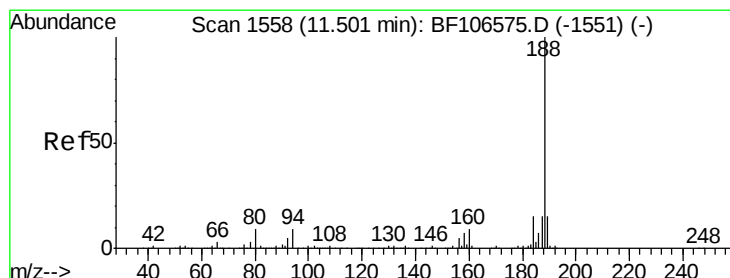
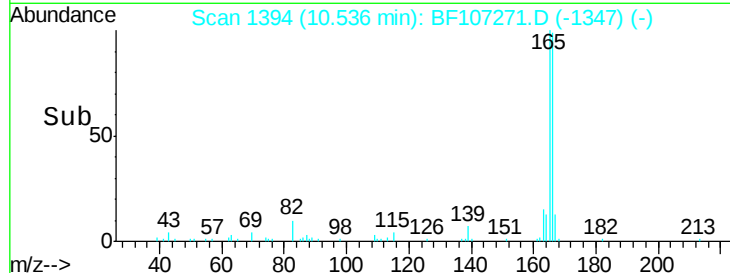
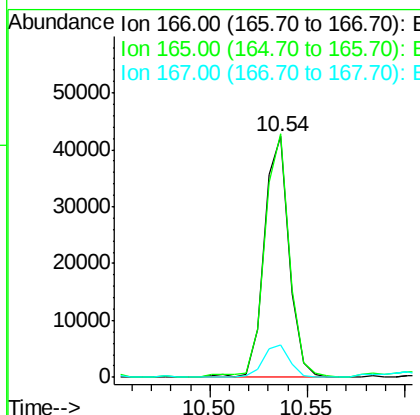
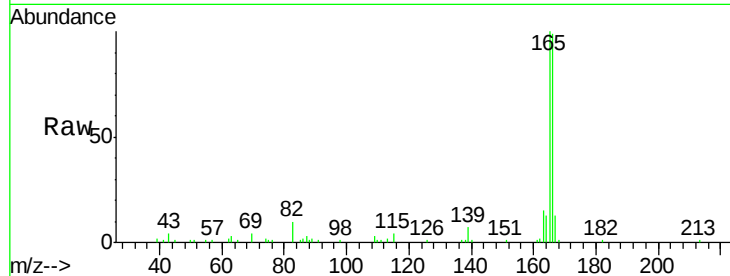




#57
 Fluorene
 Concen: 11.016 ng
 RT: 10.54 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

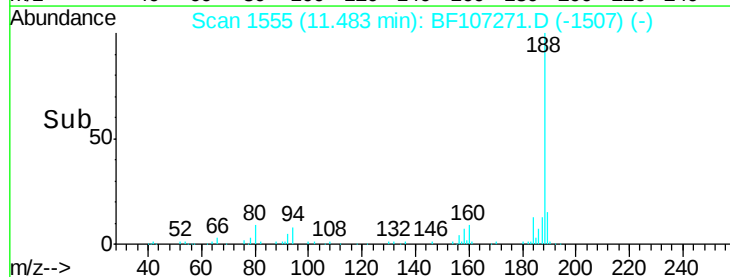
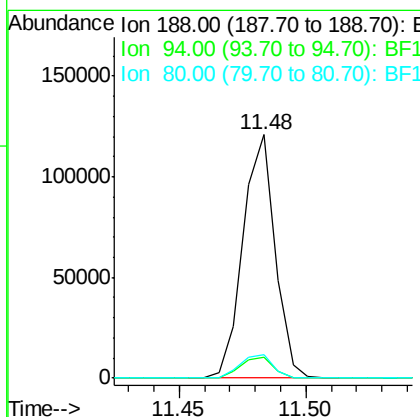
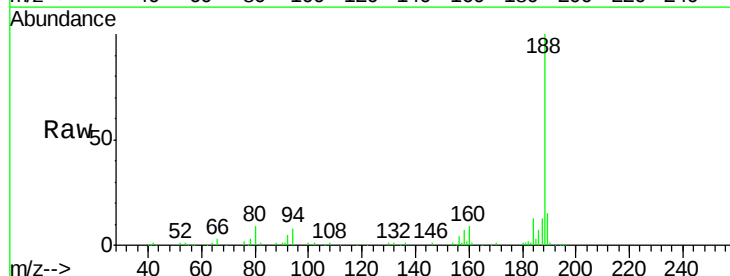
Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242

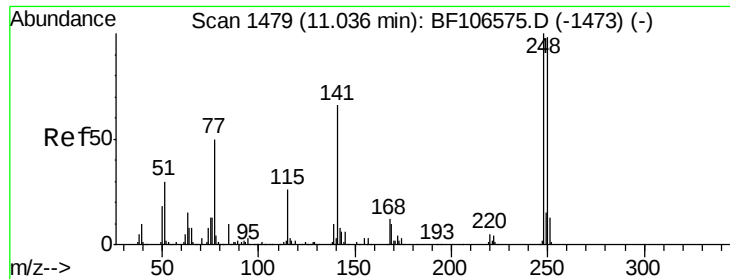
Tgt Ion:166 Resp: 37313
 Ion Ratio Lower Upper
 166 100
 165 101.2 79.8 119.8
 167 13.5 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1555
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

Tgt Ion:188 Resp: 106290
 Ion Ratio Lower Upper
 188 100
 94 8.5 8.5 12.7#
 80 9.4 9.2 13.8

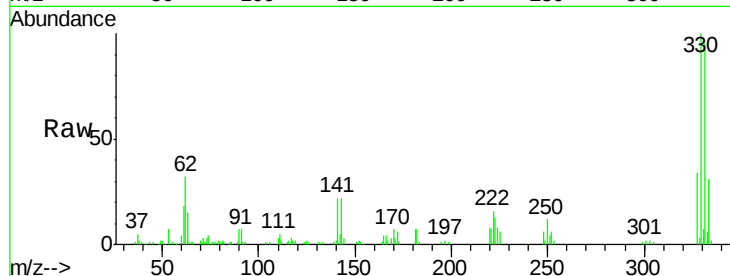




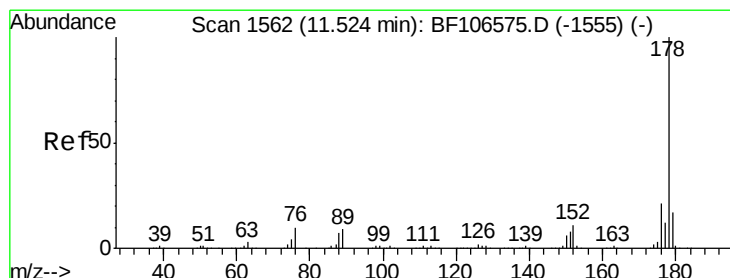
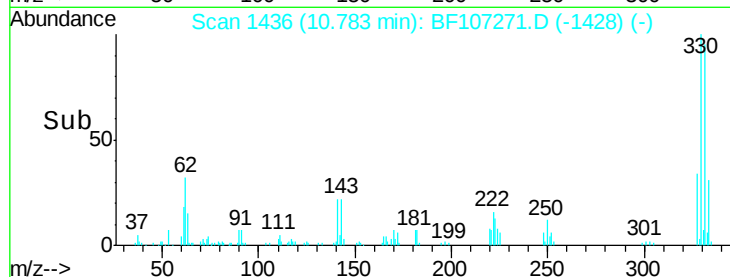
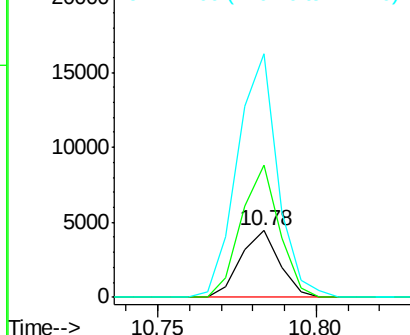
#66
 4-Bromophenyl-phenylether
 Concen: 2.978 ng
 RT: 10.78 min Scan# 1436
 Delta R.T. -0.25 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

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

Tgt Ion: 248 Resp: 3778
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.9 115.3#
 141 364.4 74.4 111.6#

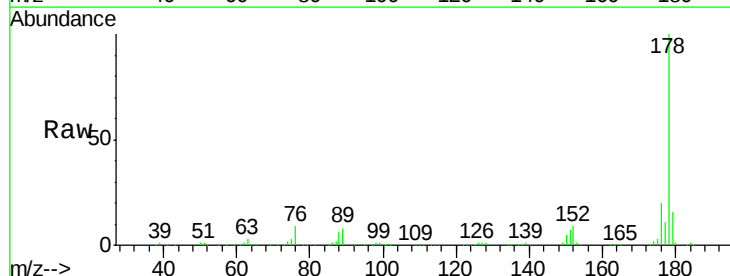


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

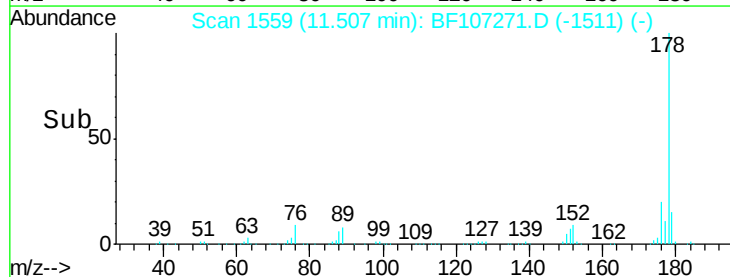
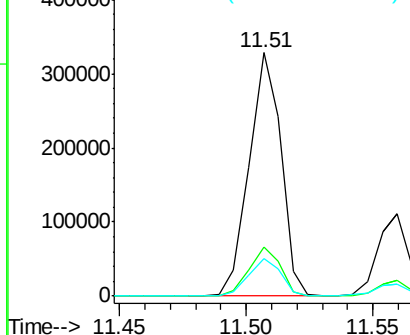


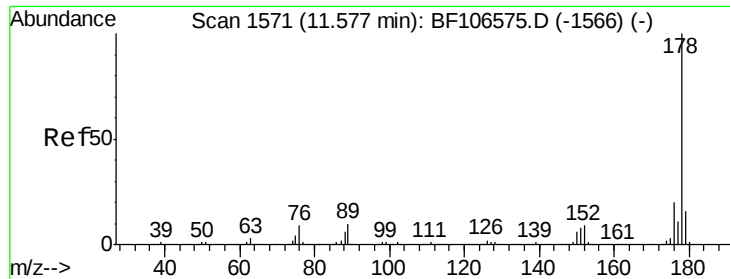
#70
 Phenanthrene
 Concen: 56.363 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

Tgt Ion: 178 Resp: 288948
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.8 23.8
 179 15.6 13.0 19.6



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

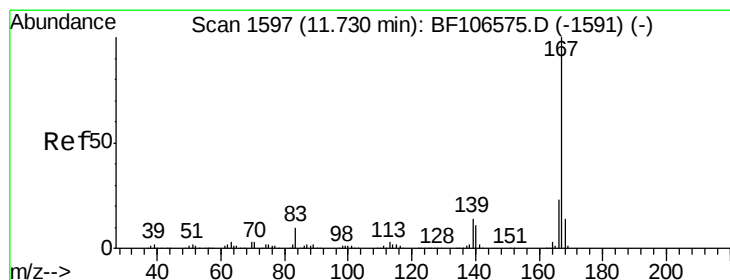
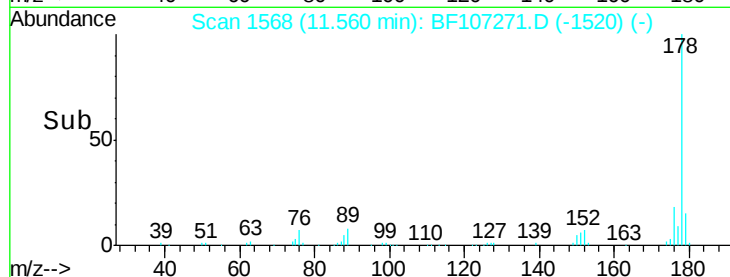
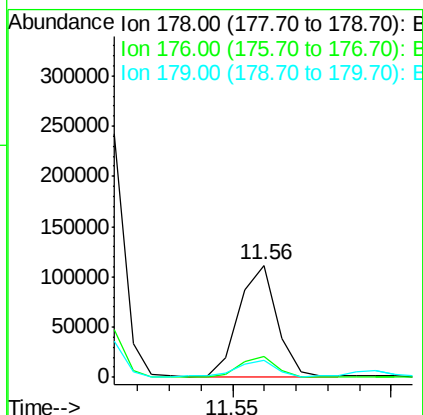
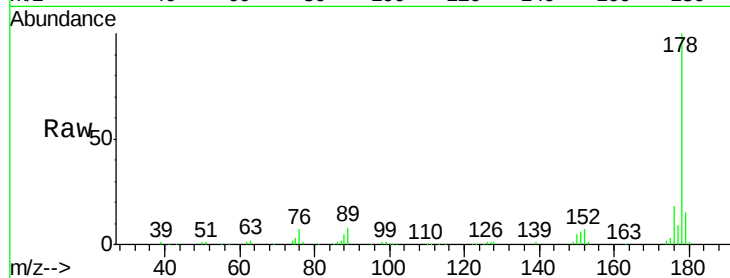




#71
 Anthracene
 Concen: 17.518 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

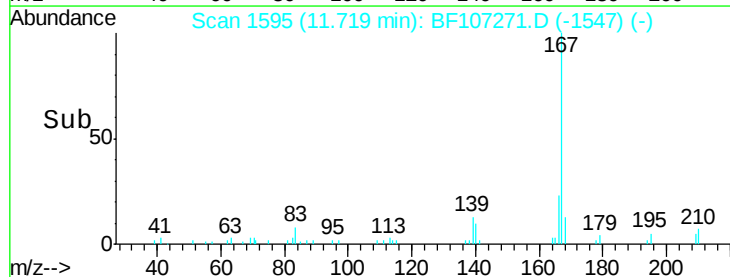
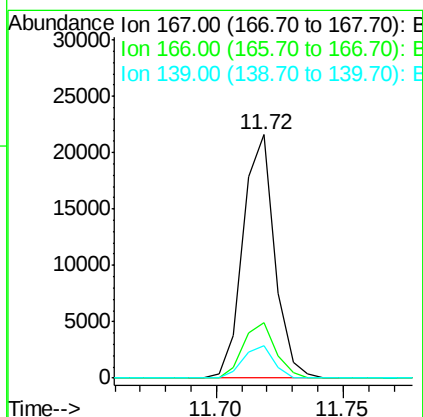
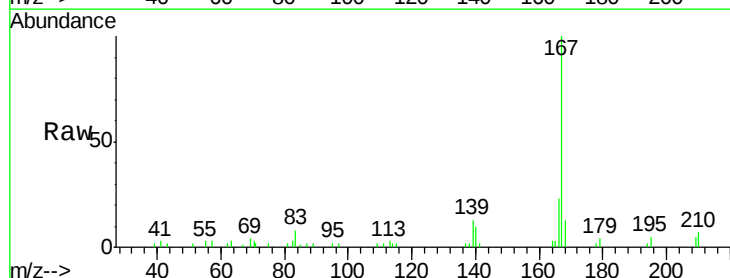
Instrument :
 BNA_F
 ClientSampleId :
 212-72-11940-R4-VNJ-242

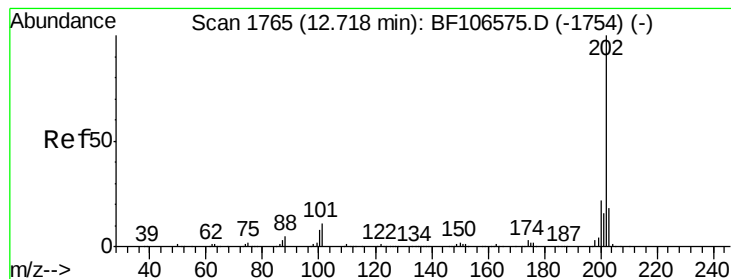
Tgt Ion:178 Resp: 91665
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.1 12.6 19.0



#72
 Carbazole
 Concen: 3.818 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107271.D
 Acq: 10 Jul 2018 14:35

Tgt Ion:167 Resp: 18704
 Ion Ratio Lower Upper
 167 100
 166 22.9 17.6 26.4
 139 13.2 10.9 16.3





#74

Fluoranthene

Concen: 60.623 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

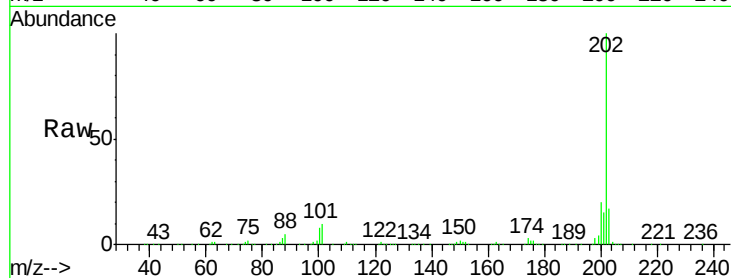
Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

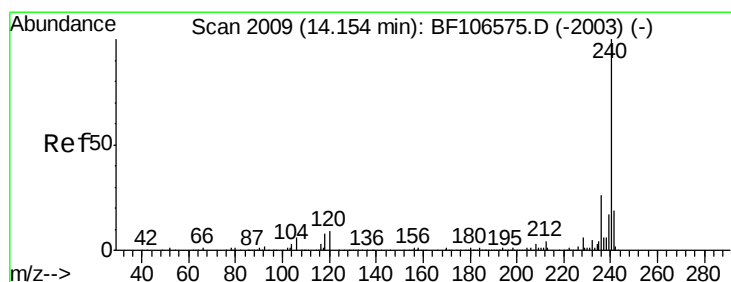
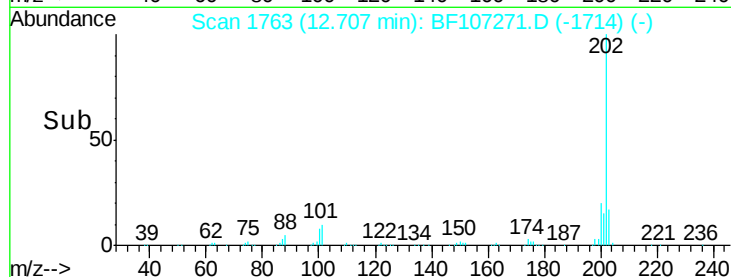
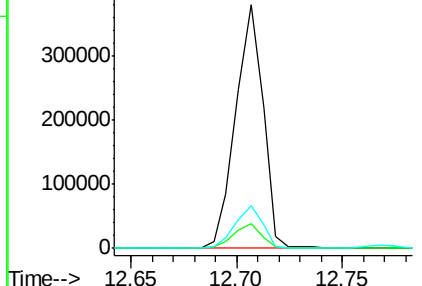
Tgt Ion:	202	Resp:	342551
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	34.1
203	17.4	0.0	38.1



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

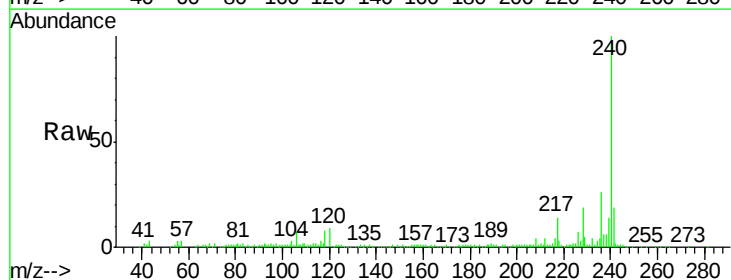
RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

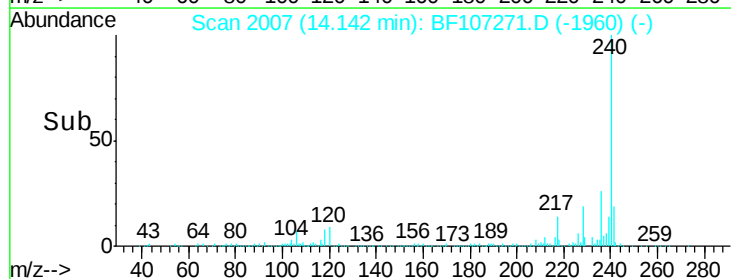
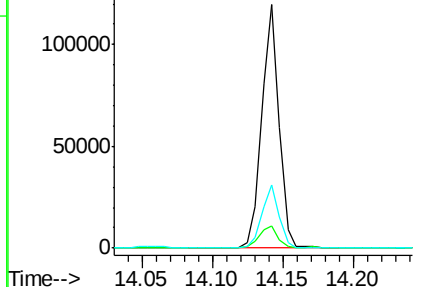
Tgt Ion:	240	Resp:	104557
Ion	Ratio	Lower	Upper
240	100		
120	8.9	9.5	14.3#
236	26.0	20.7	31.1

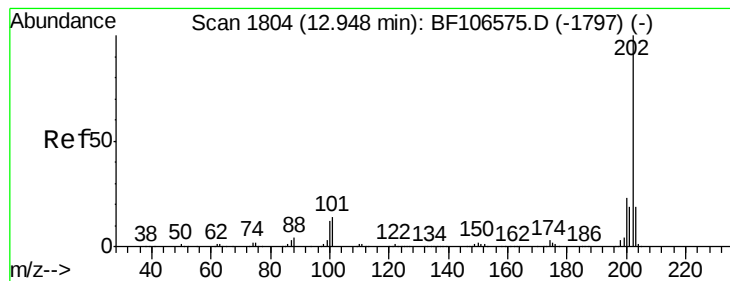


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 42.585 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

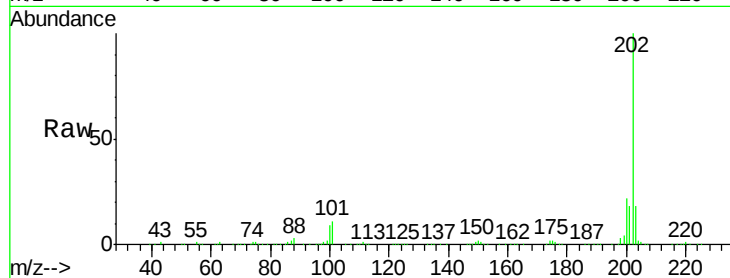
Tgt Ion: 202 Resp: 293616

Ion Ratio Lower Upper

202 100

200 21.6 17.4 26.2

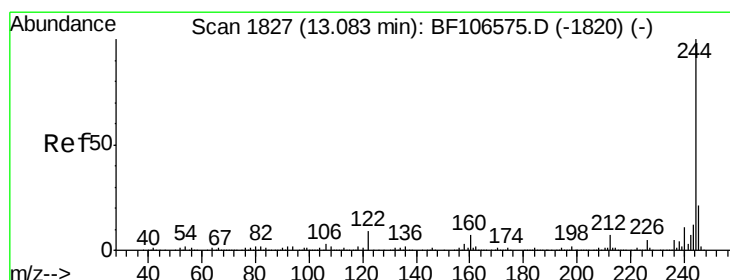
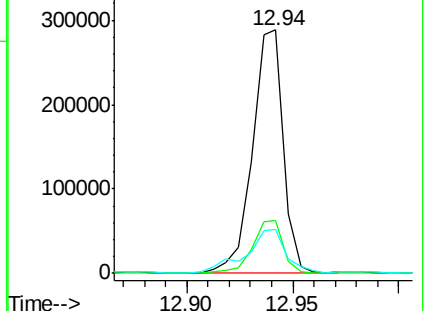
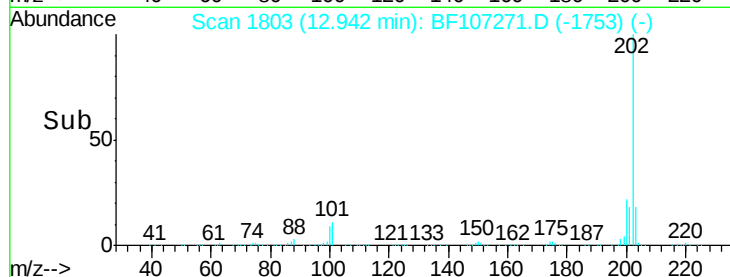
203 18.2 14.3 21.5



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: 60.285 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

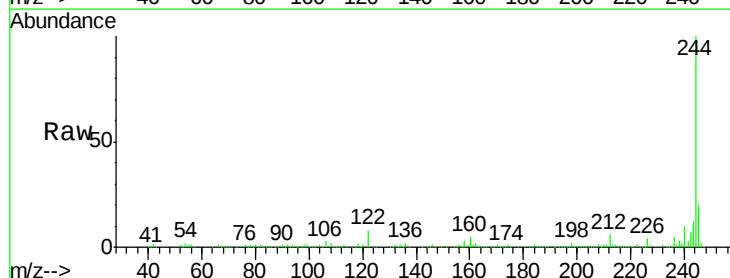
Tgt Ion: 244 Resp: 260217

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

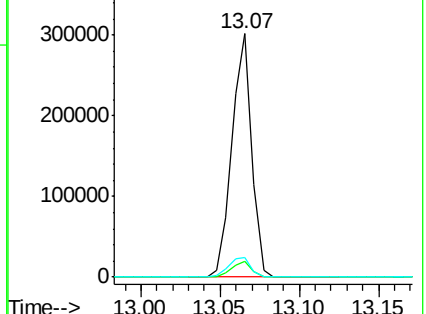
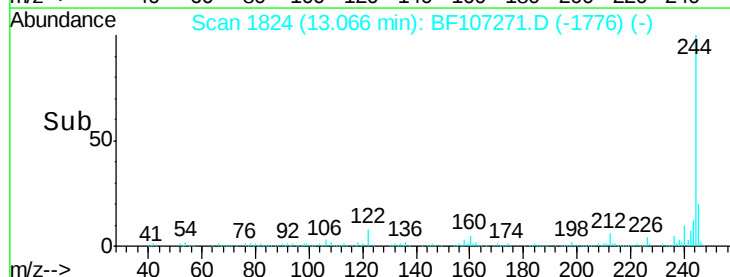
122 8.0 11.0 16.4#

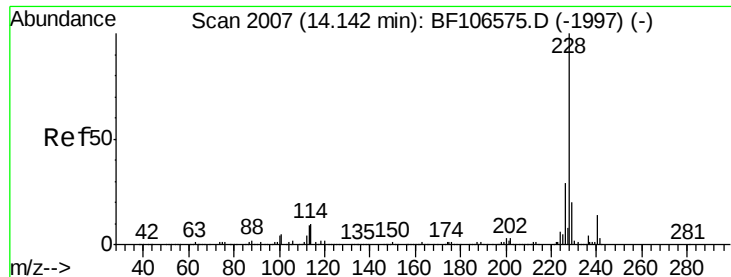


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 22.884 ng

RT: 14.13 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

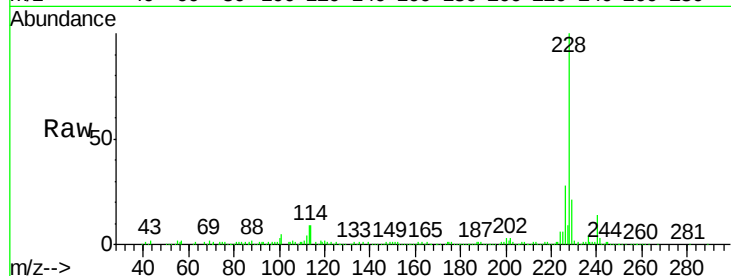
Tgt Ion:228 Resp: 145826

Ion Ratio Lower Upper

228 100

226 28.0 22.6 33.8

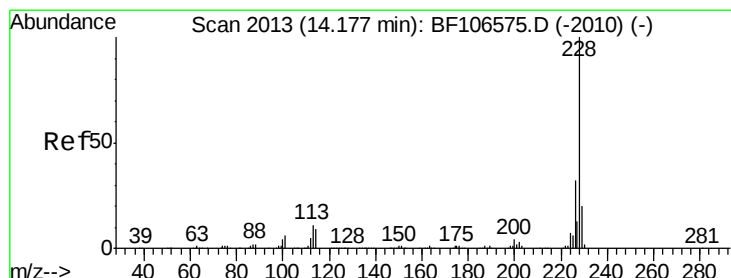
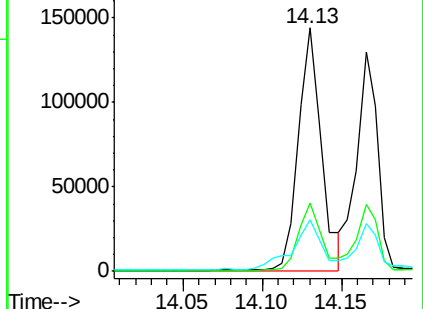
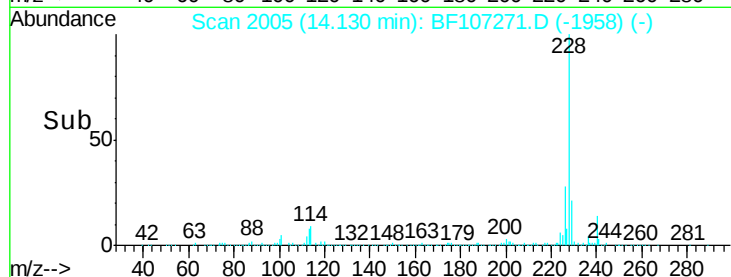
229 21.3 15.8 23.6



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: 20.464 ng

RT: 14.17 min Scan# 2011

Delta R.T. -0.03 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

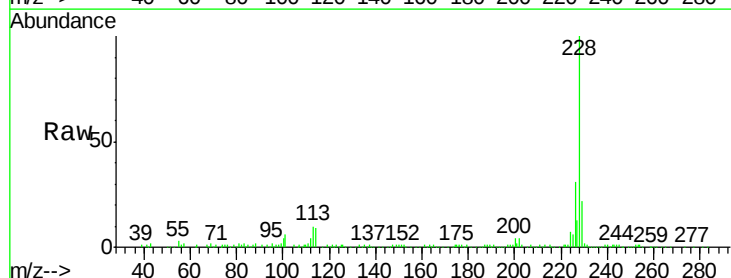
Tgt Ion:228 Resp: 119975

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

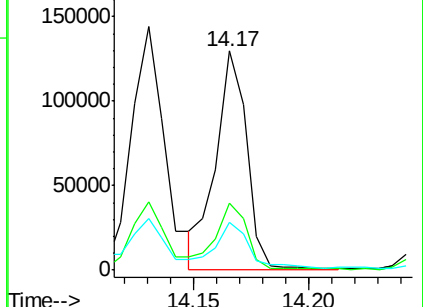
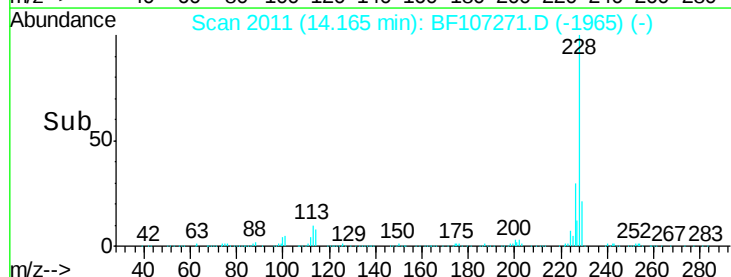
229 22.0 16.2 24.4

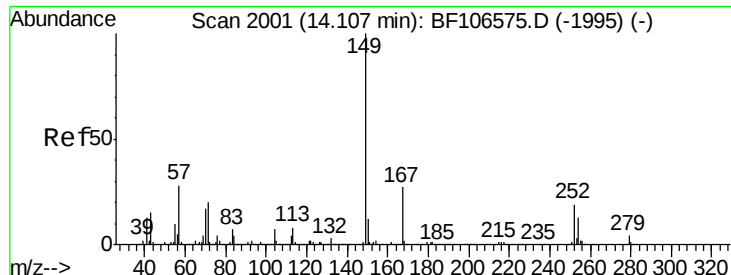


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.168 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

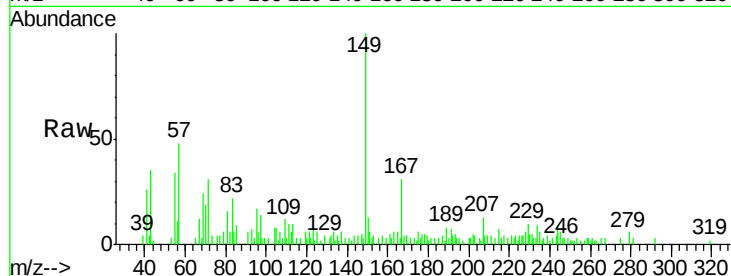
Tgt Ion:149 Resp: 11483

Ion Ratio Lower Upper

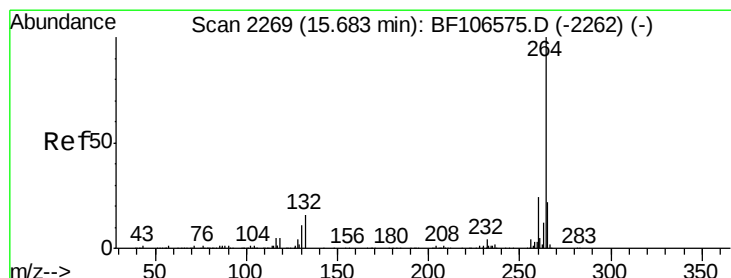
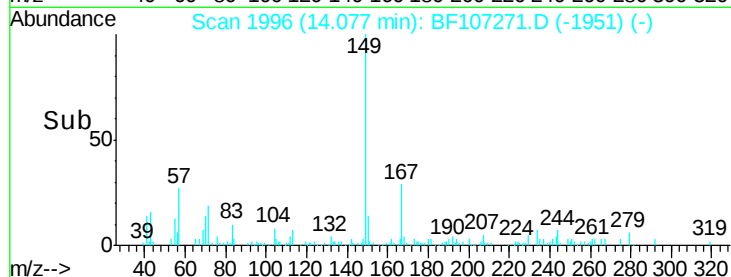
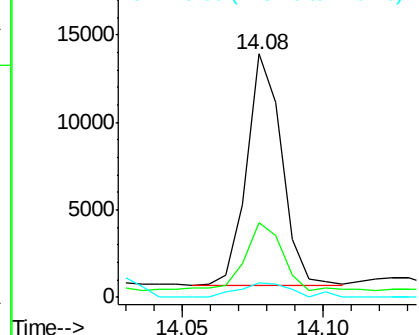
149 100

167 30.6 21.3 31.9

279 5.8 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.68 min Scan# 2269

Delta R.T. -0.04 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

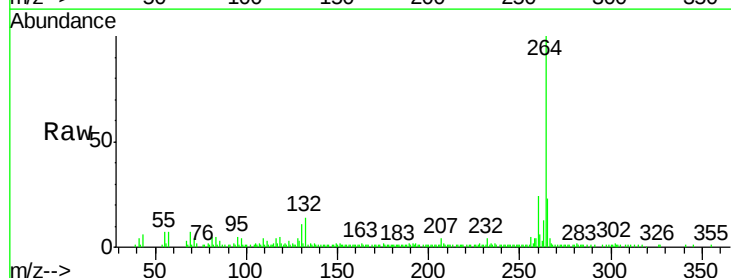
Tgt Ion:264 Resp: 77026

Ion Ratio Lower Upper

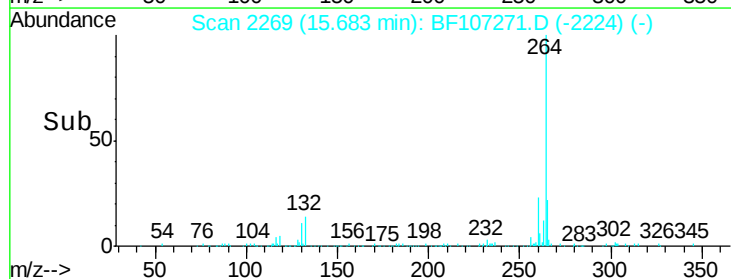
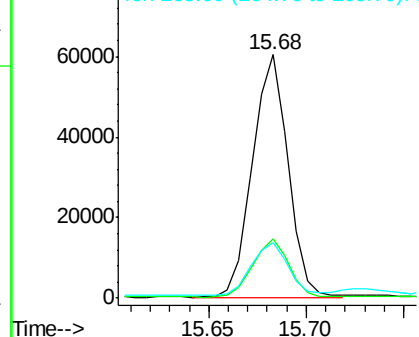
264 100

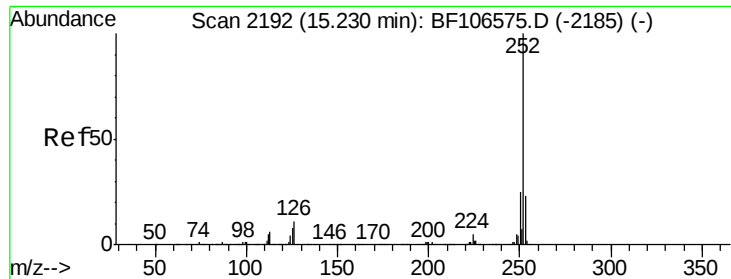
260 24.1 19.2 28.8

265 22.6 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

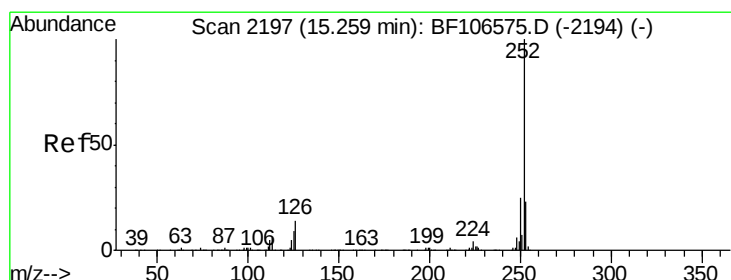
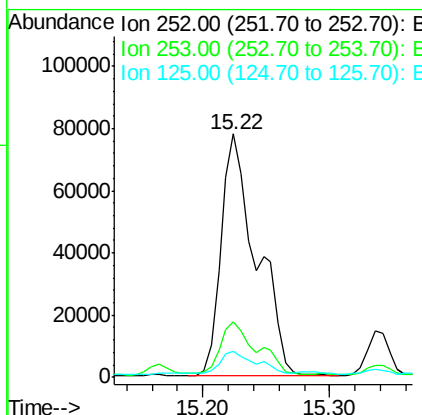
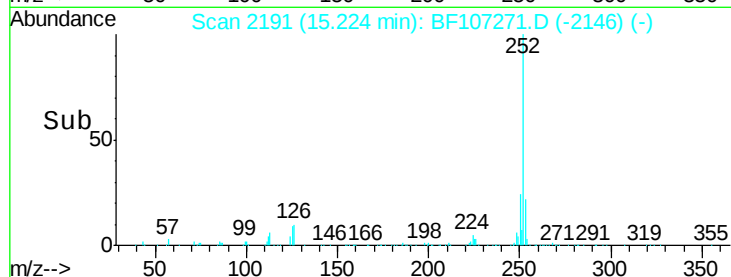
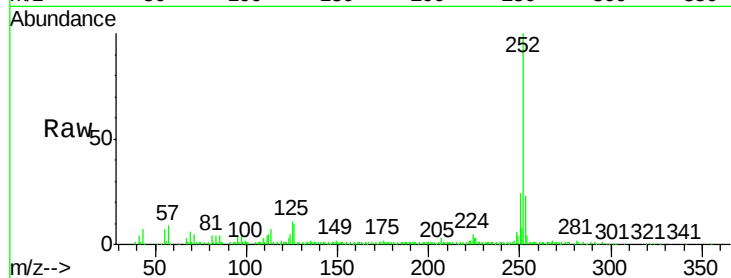




#87
Benzo(b)fluoranthene
Concen: 31.680 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

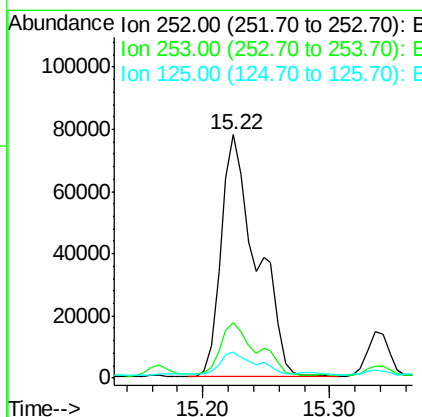
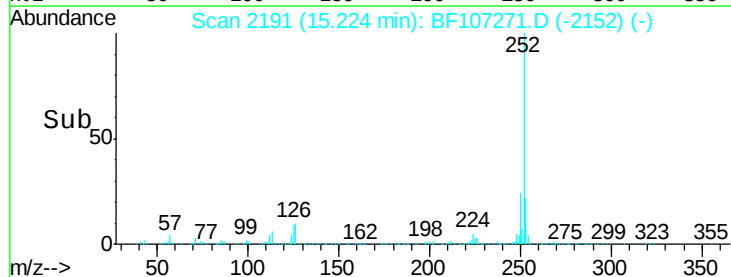
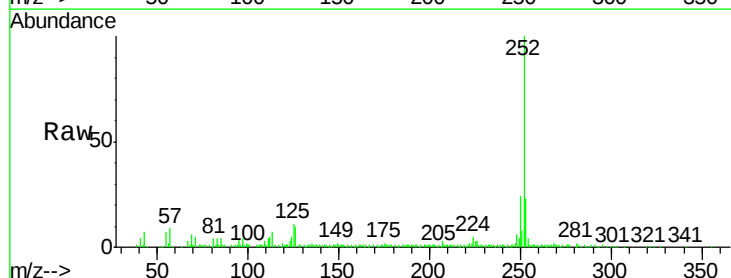
Instrument :
BNA_F
ClientSampleId :
212-72-11940-R4-VNJ-242

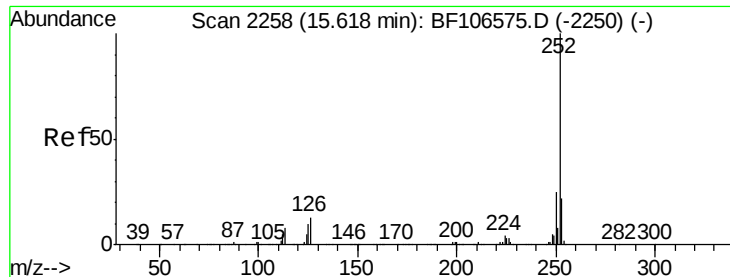
Tgt Ion:252 Resp: 151583
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.6
125 10.7 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 33.267 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.07 min
Lab File: BF107271.D
Acq: 10 Jul 2018 14:35

Tgt Ion:252 Resp: 151583
Ion Ratio Lower Upper
252 100
253 22.9 17.9 26.9
125 10.7 10.2 15.2





#89

Benzo(a)pyrene

Concen: 18.674 ng

RT: 15.62 min Scan# 2258

Delta R.T. -0.04 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

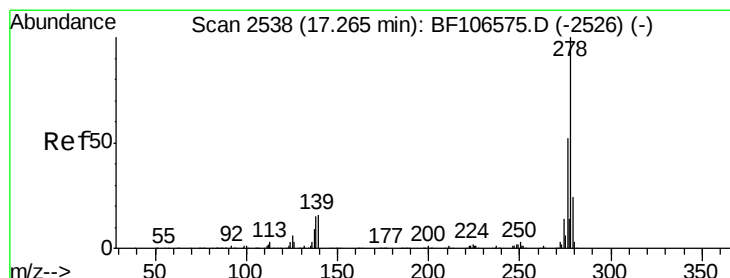
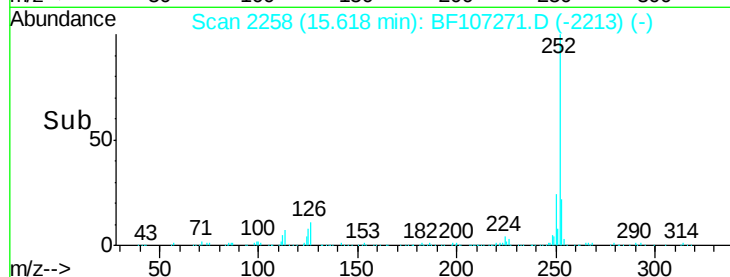
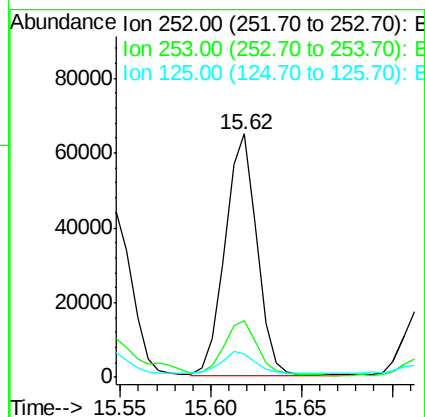
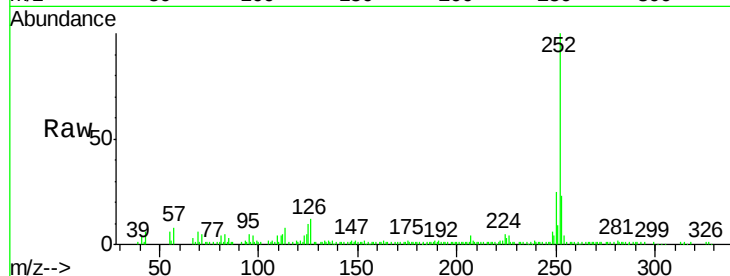
Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242

Tgt Ion:	252	Resp:	79430
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.1	25.7
125	9.9	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 3.487 ng

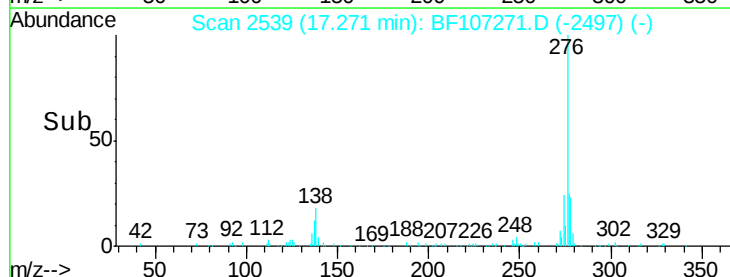
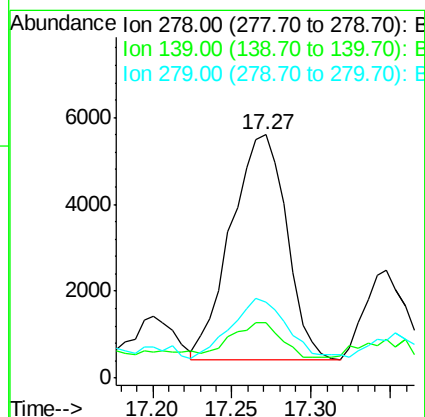
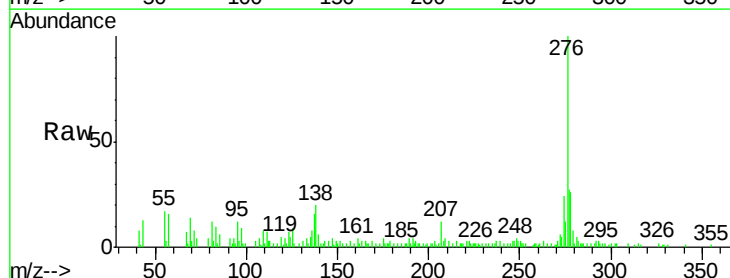
RT: 17.27 min Scan# 2539

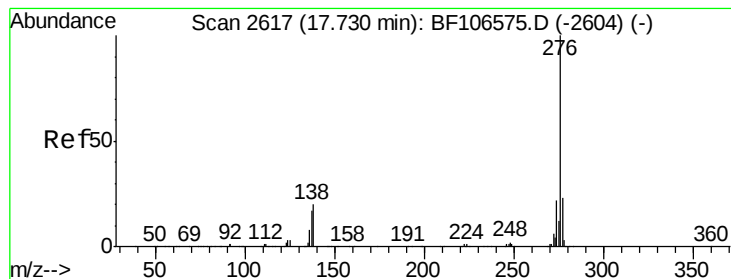
Delta R.T. -0.05 min

Lab File: BF107271.D

Acq: 10 Jul 2018 14:35

Tgt Ion:	278	Resp:	12570
Ion	Ratio	Lower	Upper
278	100		
139	22.7	15.9	23.9
279	31.1	19.0	28.4#





#91

Benzo(g,h,i)perylene

Concen: 12.321 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF107271.D

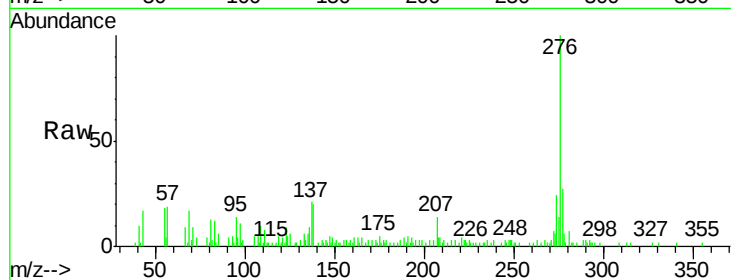
Acq: 10 Jul 2018 14:35

Instrument :

BNA_F

ClientSampleId :

212-72-11940-R4-VNJ-242



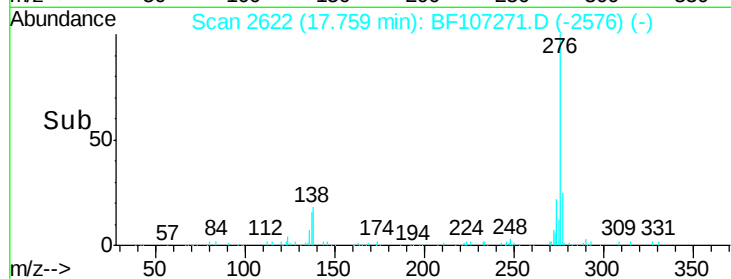
Tgt Ion: 276 Resp: 43411

Ion Ratio Lower Upper

276 100

277 27.0 17.9 26.9#

138 19.7 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

