

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107667.D
 Acq On : 25 Jul 2018 19:50
 Operator : JU/SJ
 Sample : J4031-02 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 02:05:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	217609	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	808289	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	262133	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	399126	20.00	ng	0.01
75) Chrysene-d12	14.18	240	329567	20.00	ng	0.02
86) Perylene-d12	15.72	264	354822	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.59	112	116209	8.59	ng	-0.02
7) Phenol-d6	6.60	99	182407	11.22	ng	-0.02
23) Nitrobenzene-d5	7.53	82	89777	7.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.82	330	33906	11.37	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	207990	7.30	ng	-0.01
78) Terphenyl-d14	13.11	244	168996	13.13	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.51	77	1321	Below Cal		# 1
31) Naphthalene	8.27	128	636650	17.912	ng	98
32) Benzoic acid	8.04	122	4636	8.406	ng	# 8
33) 4-Chloroaniline	8.27	127	84308	5.427	ng	# 34
35) Caprolactam	8.70	113	10316	2.830	ng	# 1
37) 2-Methylnaphthalene	8.97	142	252214	10.240	ng	97
45) 1,1'-Biphenyl	9.43	154	89577	3.923	ng	97
48) Acenaphthylene	9.88	152	961824	36.683	ng	93
51) Acenaphthene	10.05	154	532754	32.429	ng	97
52) 3-Nitroaniline	9.97	138	16995	3.562	ng	# 29
53) 2,4-Dinitrophenol	10.07	184	1271	9.228	ng	# 1
54) Dibenzofuran	10.23	168	174655	7.221	ng	# 65
55) 4-Nitrophenol	10.17	139	11214	3.139	ng	# 1
56) 2,4-Dinitrotoluene	10.22	165	33255	7.024	ng	# 53
57) Fluorene	10.58	166	546737	31.687	ng	# 97
61) 4-Nitroaniline	10.64	138	9258	2.309	ng	82
62) Azobenzene	10.74	77	46265	2.391	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.64	198	3628	10.223	ng	# 1
65) n-Nitrosodiphenylamine	10.68	169	259420	19.138	ng	# 53
70) Phenanthrene	11.55	178	1590474	81.774	ng	96
71) Anthracene	11.55	178	1590474	81.218	ng	94
72) Carbazole	11.76	167	104684	5.141	ng	# 29
73) Di-n-butylphthalate	12.07	149	15844	Below Cal		# 1
74) Fluoranthene	12.77	202	4522706	216.700	ng	94
77) Pyrene	12.77	202	4522706	200.628	ng	93
80) Benzo(a)anthracene	14.18	228	3008577	155.778	ng	# 86
81) 3,3'-Dichlorobenzidine	14.15	252	4023	Below Cal		# 24
82) Chrysene	14.21	228	2751687	148.321	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.34	276	1472103	93.624	ng	# 87
87) Benzo(b)fluoranthene	15.28	252	4081278	210.169	ng	96
88) Benzo(k)fluoranthene	15.28	252	4081278	214.519	ng	98
89) Benzo(a)pyrene	15.68	252	2722912	153.290	ng	95
90) Dibenzo(a,h)anthracene	17.33	278	380471	24.778	ng	# 92
91) Benzo(g,h,i)perylene	17.82	276	1585424	104.676	ng	92

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QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

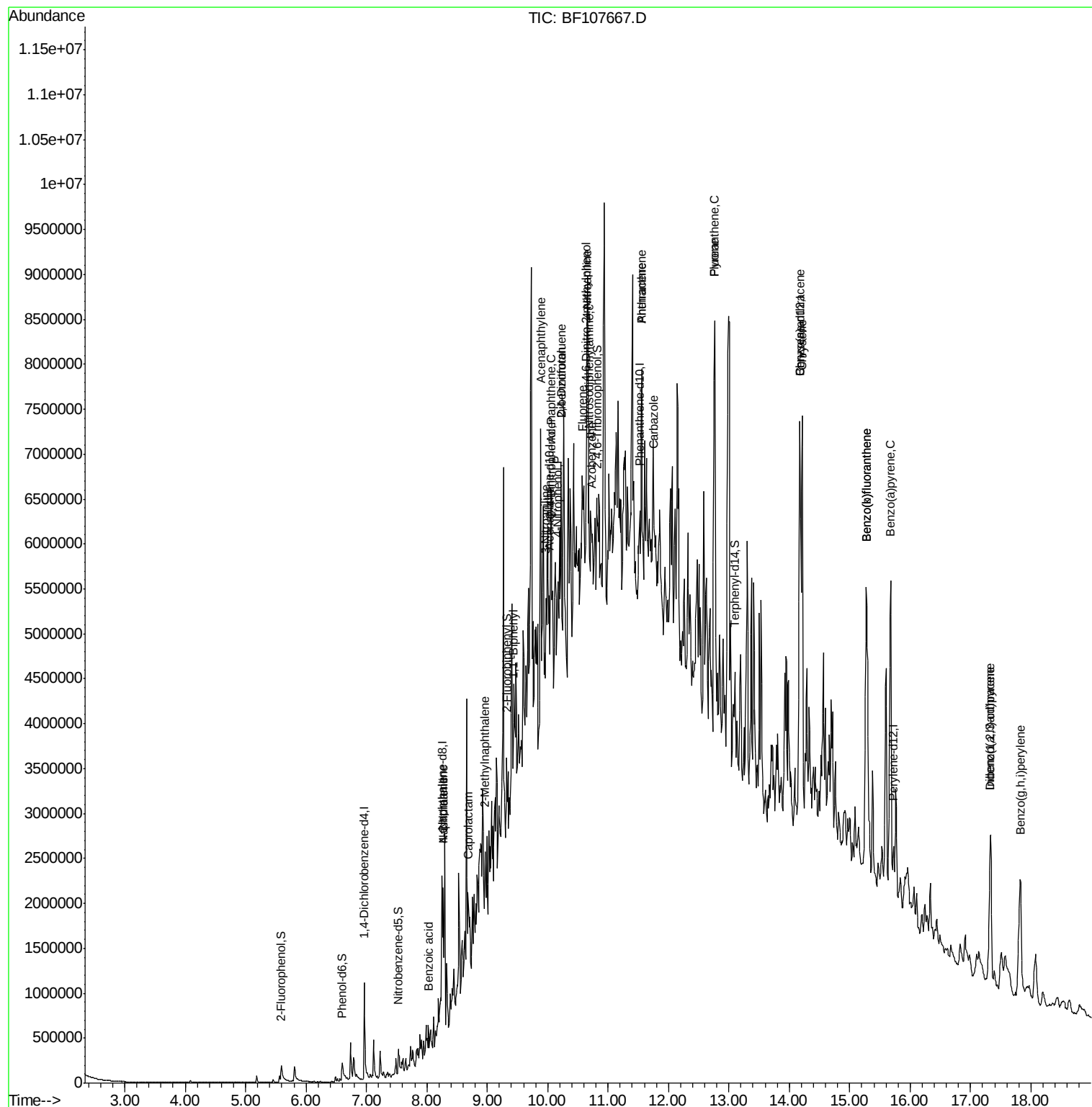
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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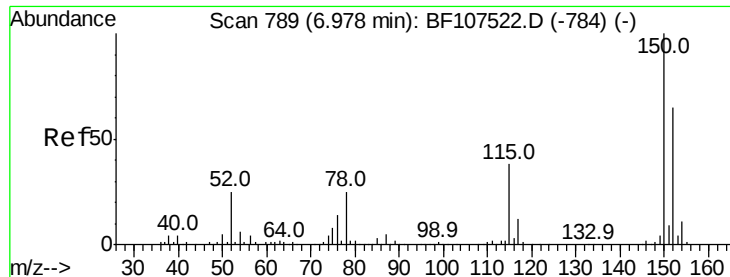
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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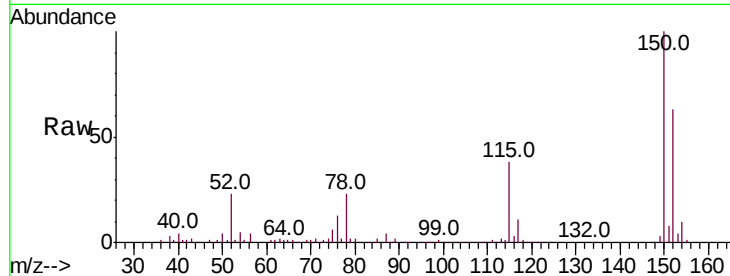


#1

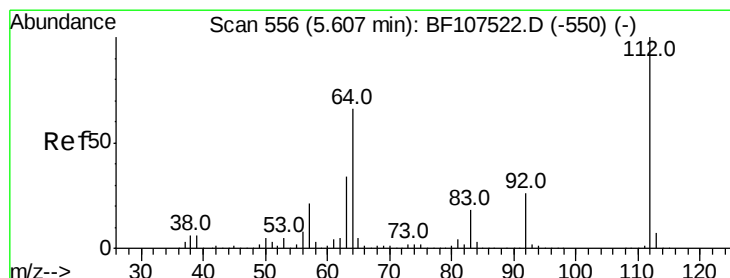
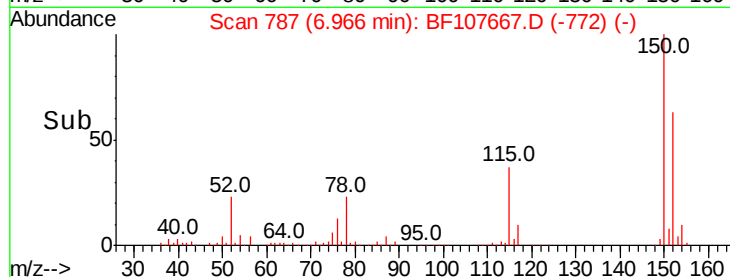
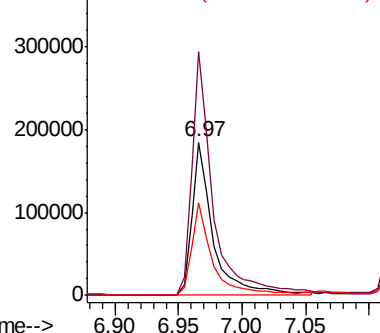
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 217609
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 60.2 50.1 75.1



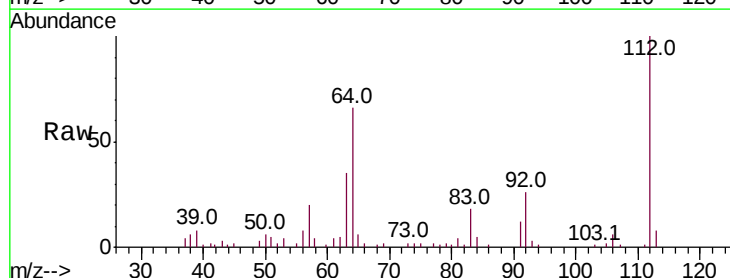
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



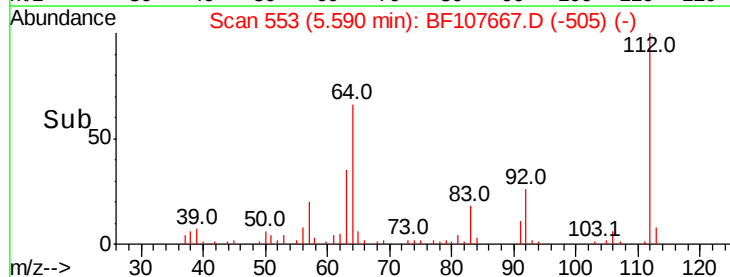
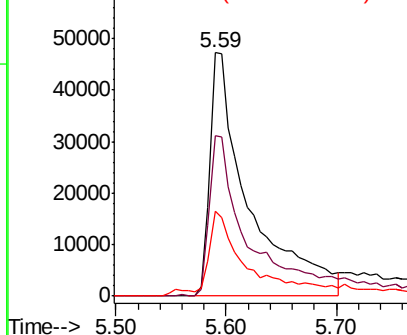
#5

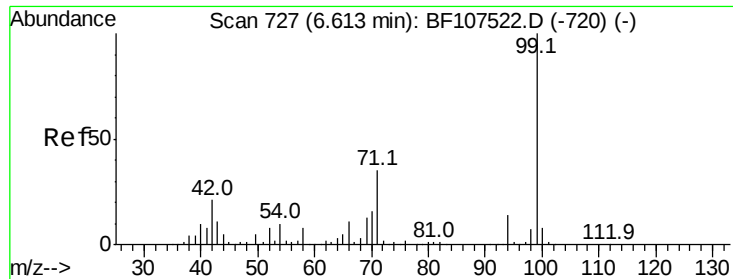
2-Fluorophenol
Concen: 8.586 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:112 Resp: 116209
Ion Ratio Lower Upper
112 100
64 65.8 47.9 71.9
63 34.8 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: 11.224 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

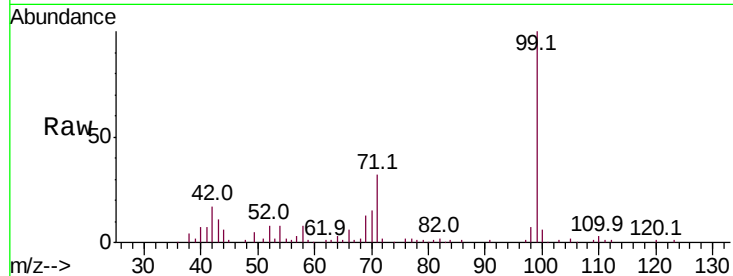
Tot Ion: 99 Resp: 182407

Ion Ratio Lower Upper

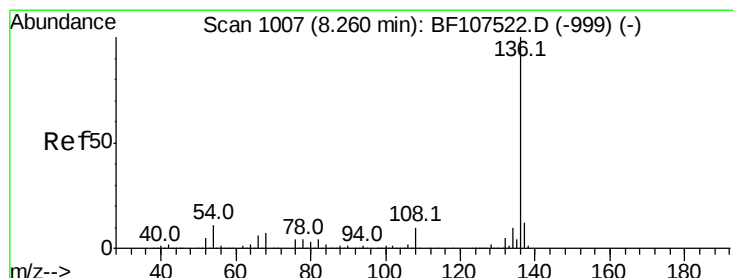
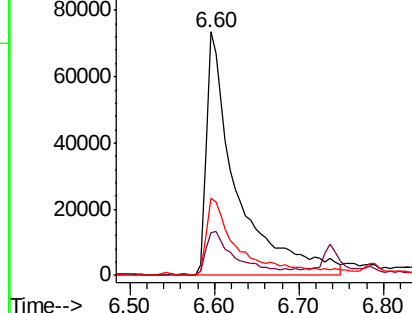
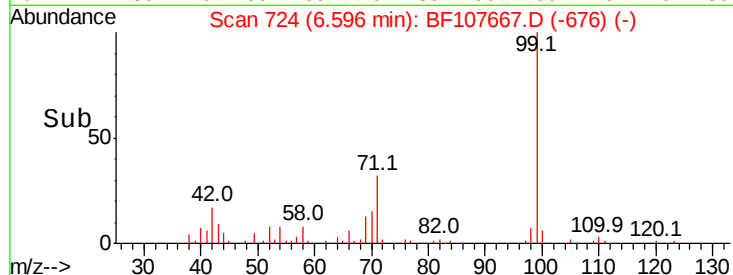
99 100

42 17.5 14.5 21.7

71 31.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Tgt Ion: 136 Resp: 808289

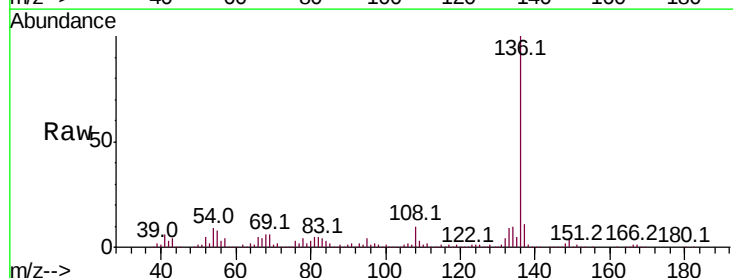
Ion Ratio Lower Upper

136 100

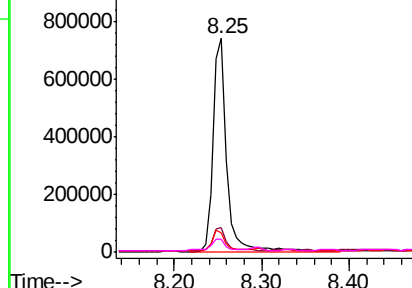
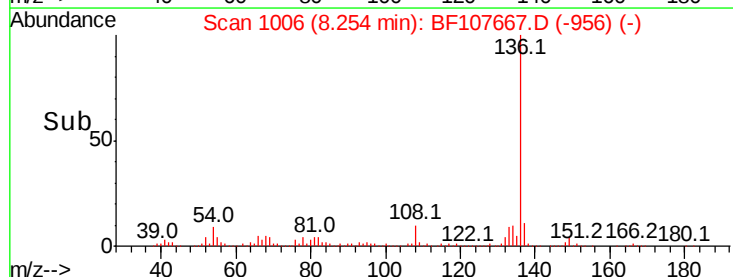
137 11.4 8.9 13.3

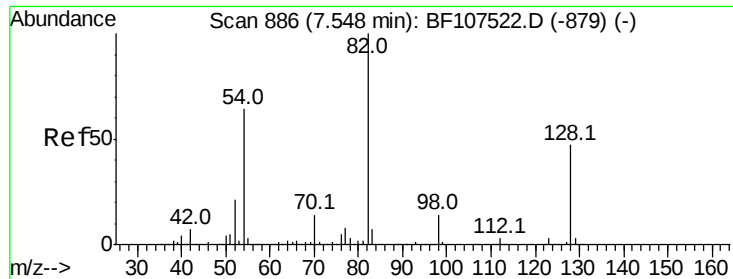
54 9.0 6.6 9.8

68 5.8 5.0 7.4



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

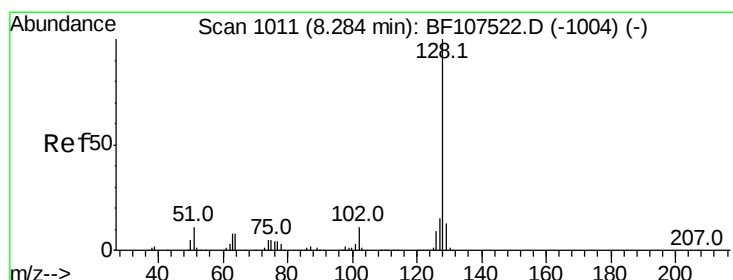
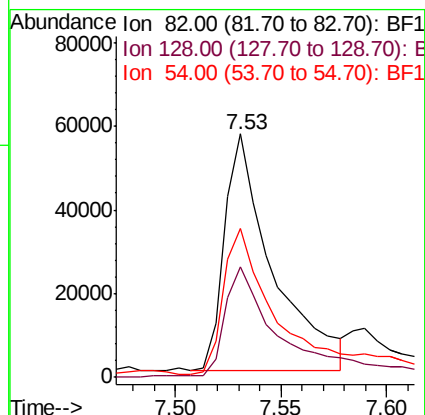
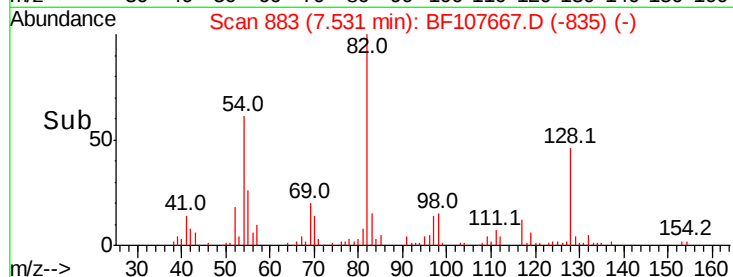
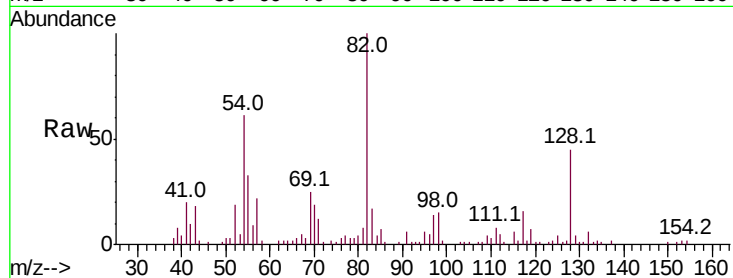




#23
Nitrobenzene-d5
Concen: 7.496 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

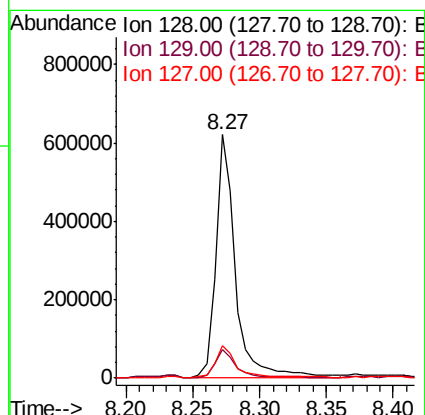
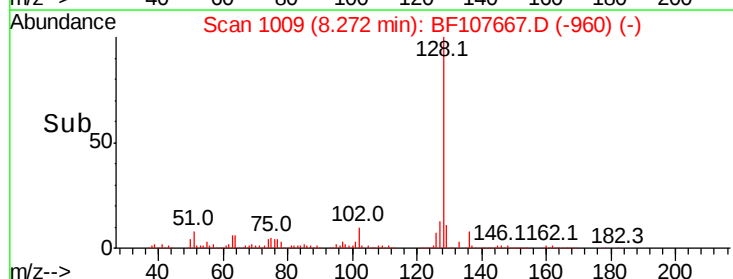
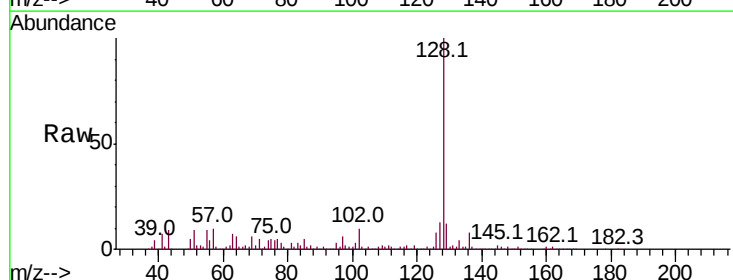
Instrument :
BNA_F
ClientSampleId :

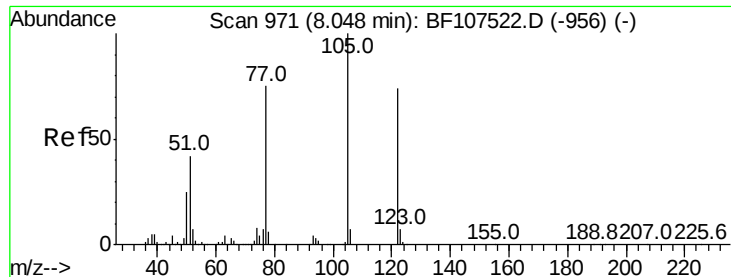
Tot Ion	82	Resp	89777
Ion Ratio	100	Lower	Upper
128	45.2	36.1	54.1
54	61.1	41.4	62.2



#31
Naphthalene
Concen: 17.912 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion	128	Resp	636650
Ion Ratio	100	Lower	Upper
129	11.9	8.8	13.2
127	13.3	10.9	16.3

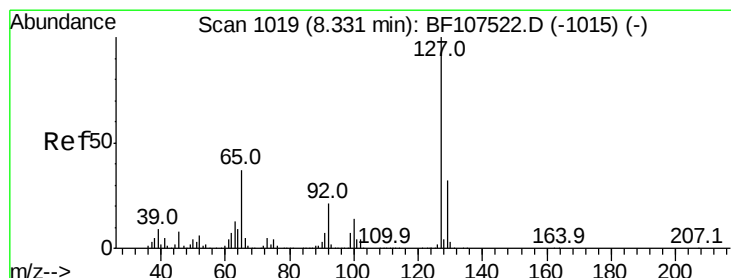
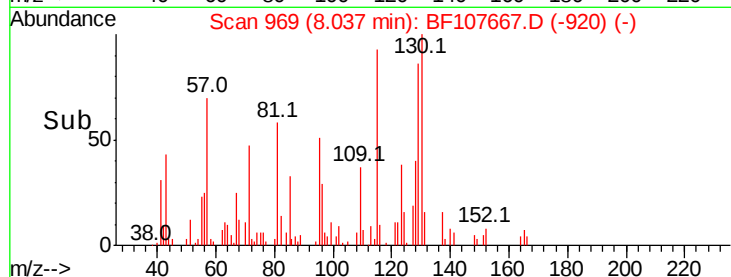
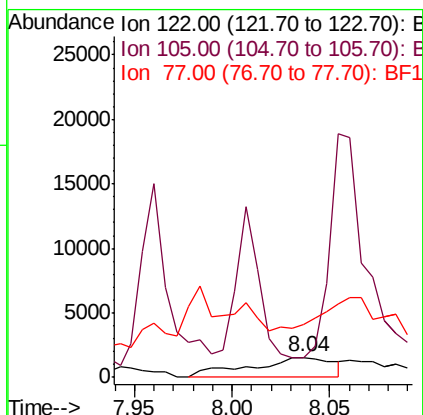
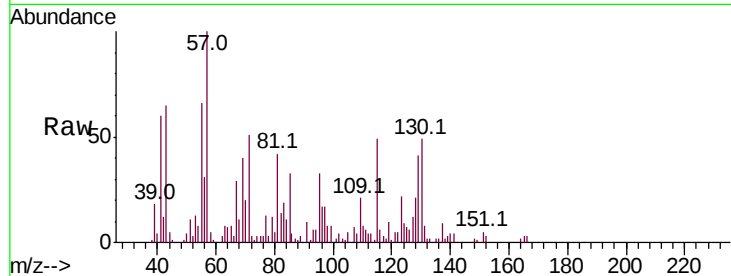




#32
Benzoic acid
Concen: 8.406 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

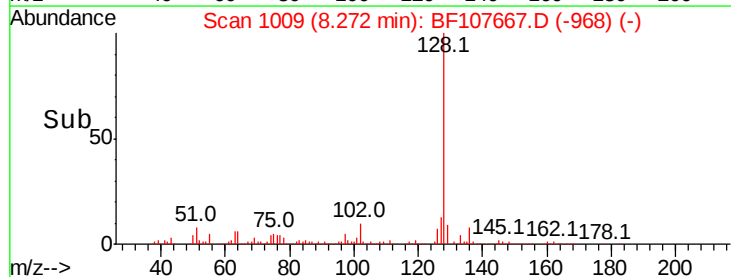
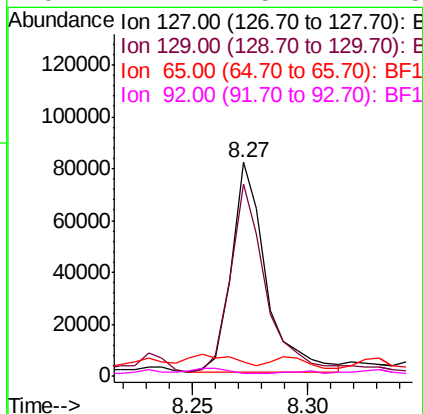
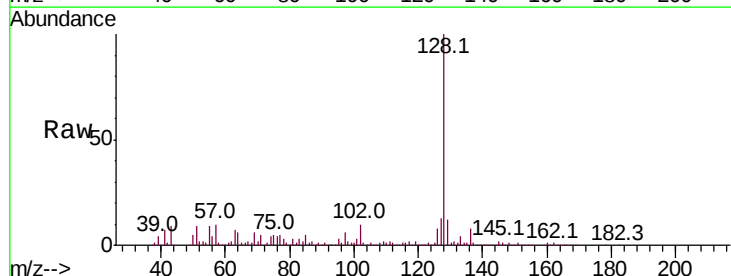
Instrument :
BNA_F
ClientSampleId :

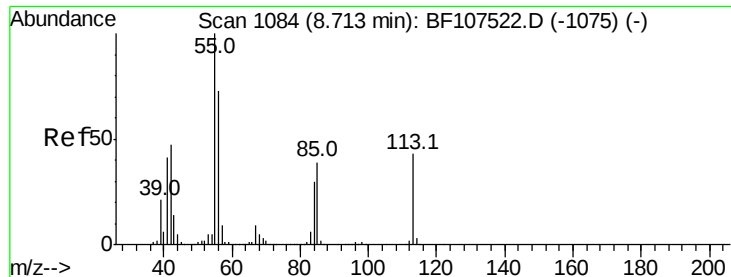
Tot Ion:122 Resp: 4636
Ion Ratio Lower Upper
122 100
105 97.2 101.1 141.1#
77 267.4 70.7 110.7#



#33
4-Chloroaniline
Concen: 5.427 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:127 Resp: 84308
Ion Ratio Lower Upper
127 100
129 89.8 25.9 38.9#
65 6.5 25.0 37.4#
92 1.4 15.2 22.8#





#35

Caprolactam

Concen: 2.830 ng

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampled :

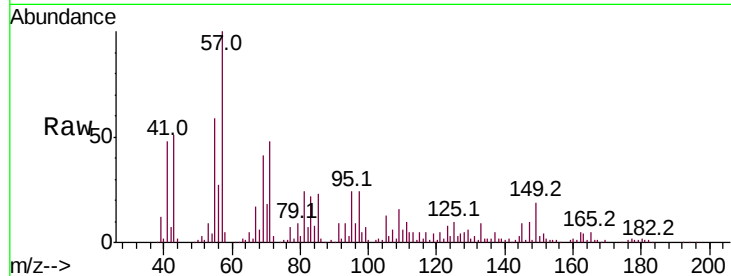
Tot Ion:113 Resp: 10316

Ion Ratio Lower Upper

113 100

55 1100.3 163.3 203.3#

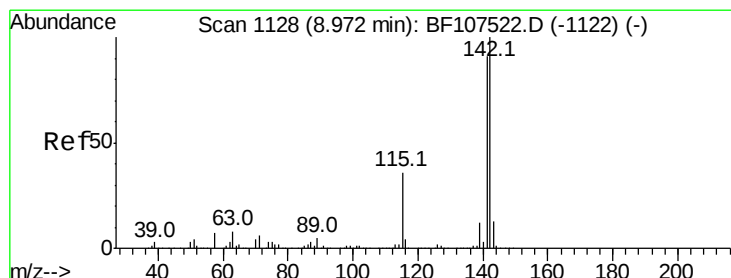
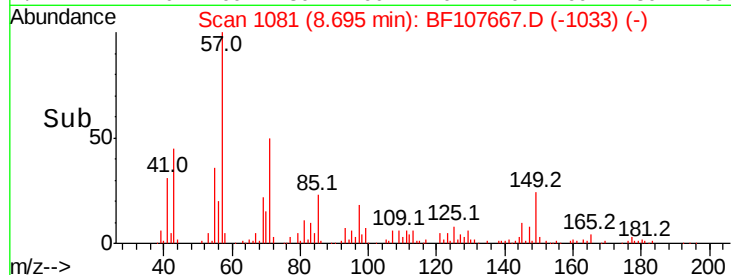
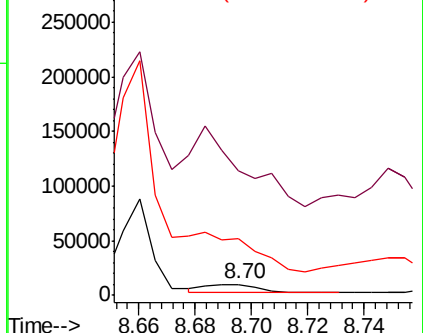
56 500.3 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#37

2-Methylnaphthalene

Concen: 10.240 ng

RT: 8.97 min Scan# 1127

Delta R.T. -0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

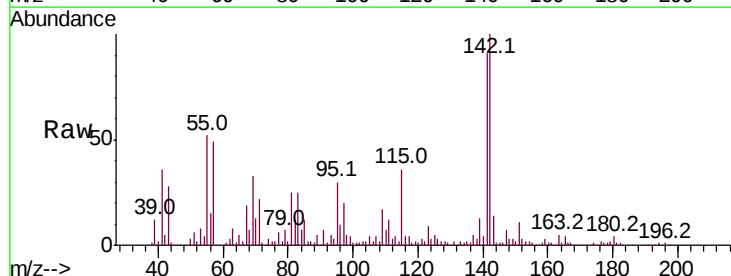
Tgt Ion:142 Resp: 252214

Ion Ratio Lower Upper

142 100

141 90.6 70.8 106.2

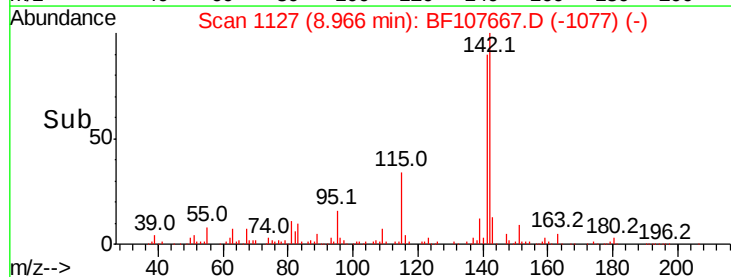
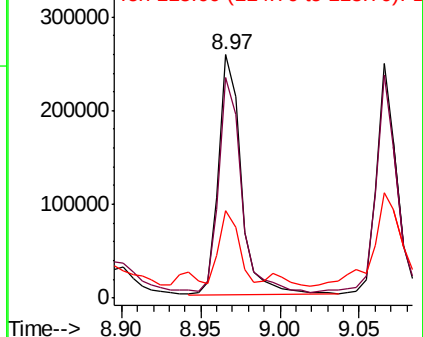
115 36.1 26.1 39.1

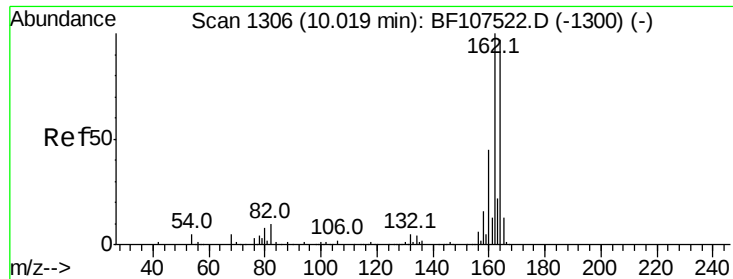


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

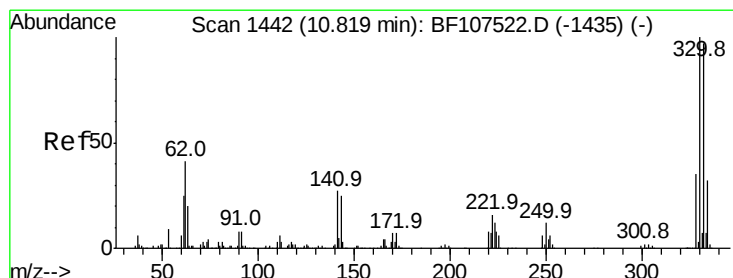
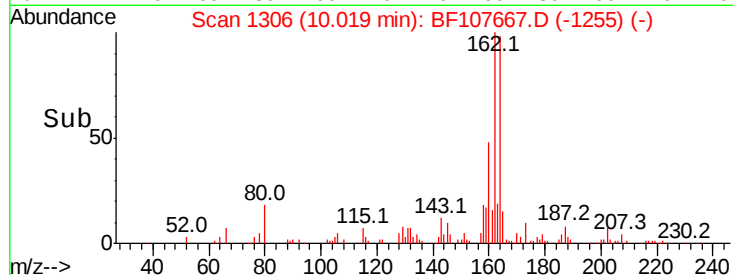
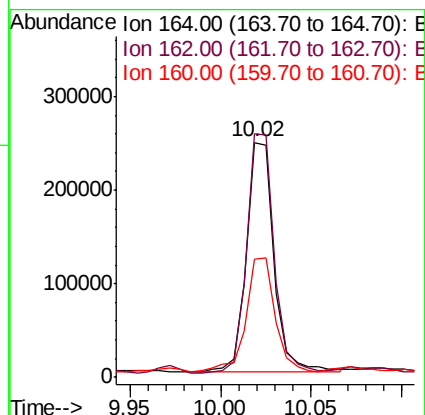
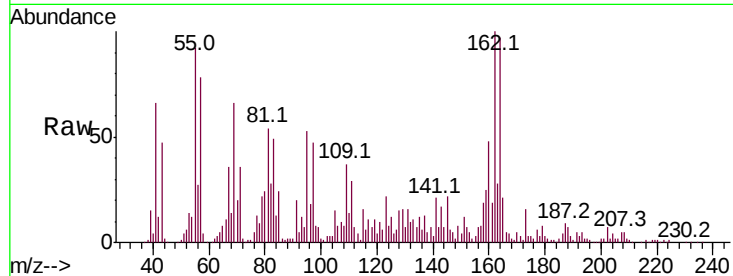




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF107667.D
 Acq: 25 Jul 2018 19:50

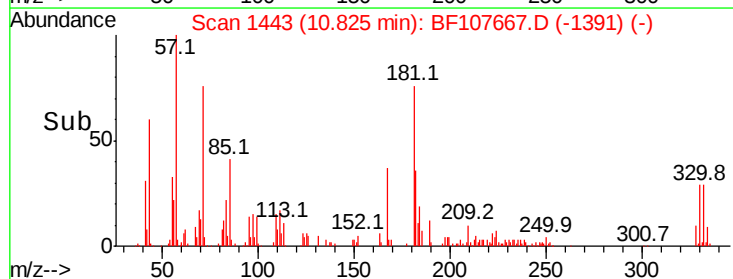
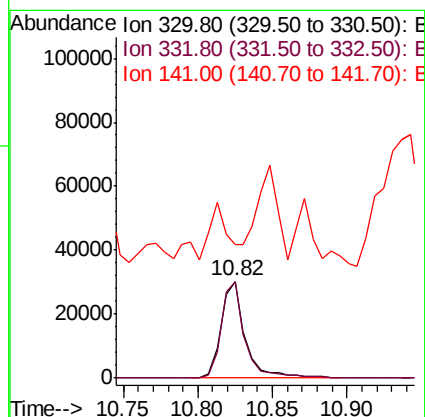
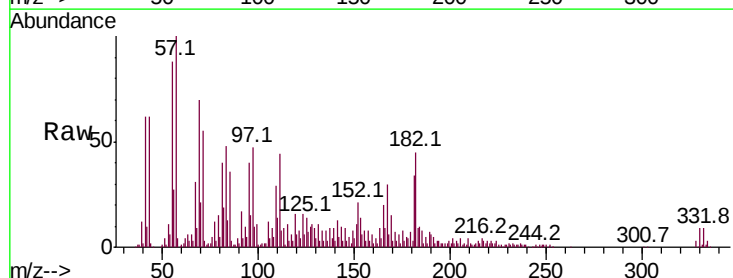
Instrument :
 BNA_F
 ClientSampleId :

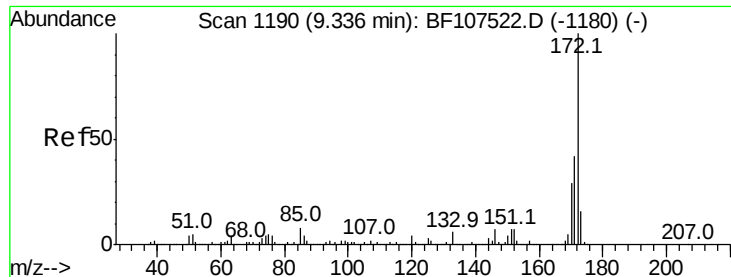
Tot Ion:164 Resp: 262133
 Ion Ratio Lower Upper
 164 100
 162 103.5 86.1 129.1
 160 50.1 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 11.375 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF107667.D
 Acq: 25 Jul 2018 19:50

Tgt Ion:330 Resp: 33906
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 49.8 29.9 44.9#





#44

2-Fluorobiphenyl

Concen: 7.300 ng

RT: 9.32 min Scan# 1188

Delta R.T. -0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampled :

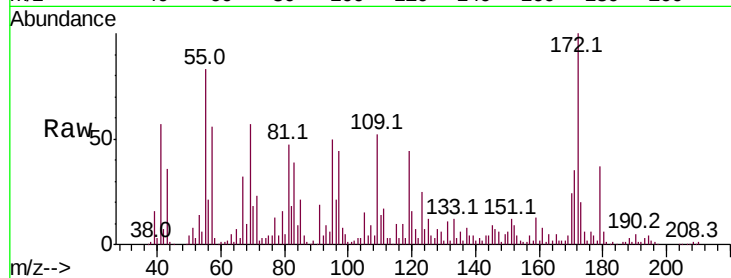
Tot Ion:172 Resp: 207990

Ion Ratio Lower Upper

172 100

171 35.2 29.7 44.5

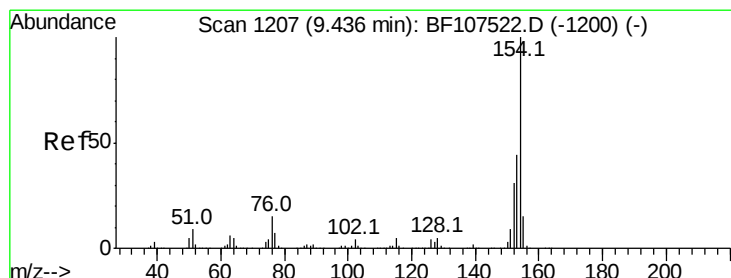
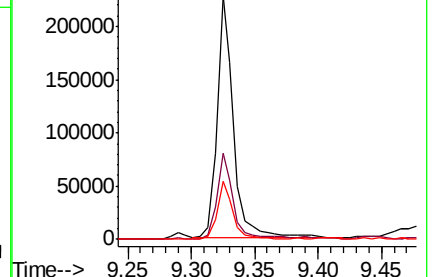
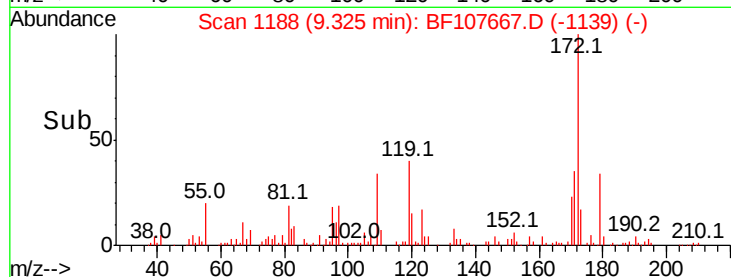
170 23.7 19.6 29.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 3.923 ng

RT: 9.43 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

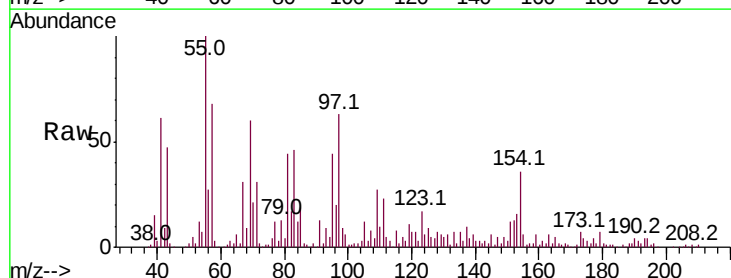
Tgt Ion:154 Resp: 89577

Ion Ratio Lower Upper

154 100

153 43.2 21.3 61.3

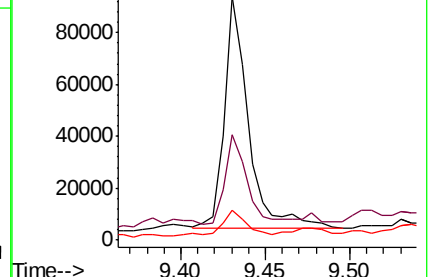
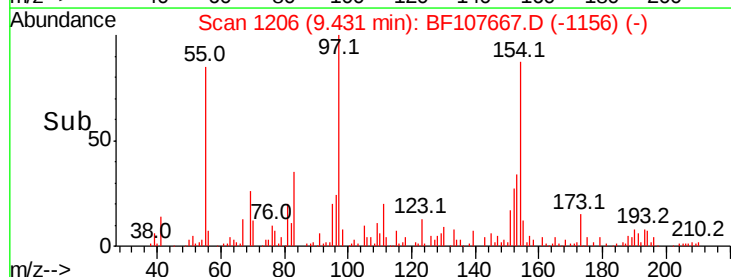
76 12.5 0.0 34.0

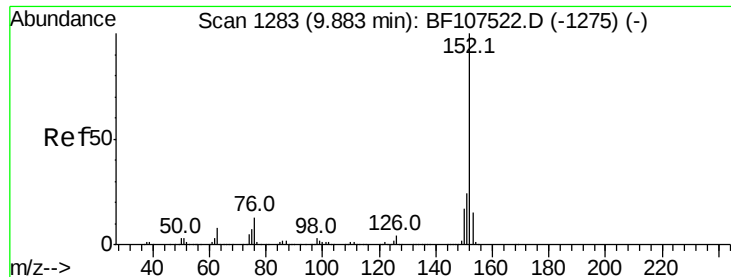


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 36.683 ng

RT: 9.88 min Scan# 1283

Delta R.T. 0.00 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

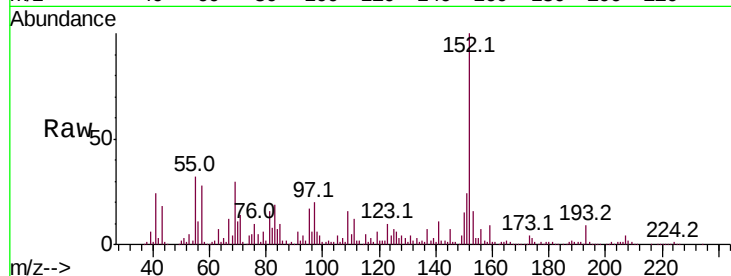
Tot Ion:152 Resp: 961824

Ion Ratio Lower Upper

152 100

151 23.8 16.3 24.5

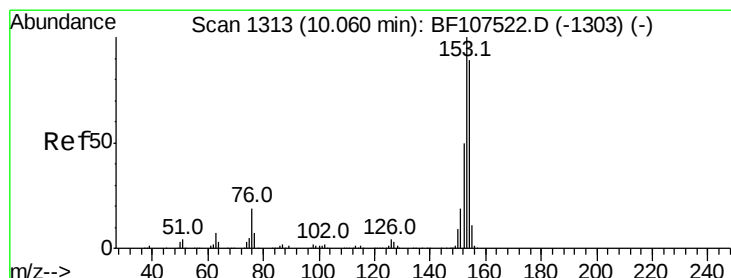
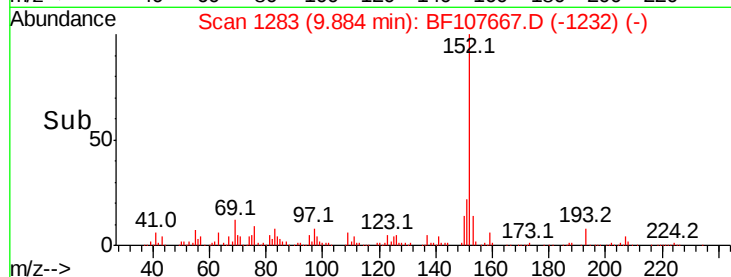
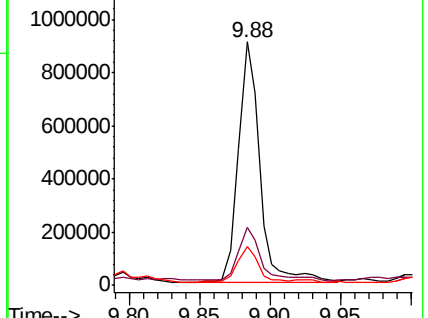
153 15.8 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 32.429 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

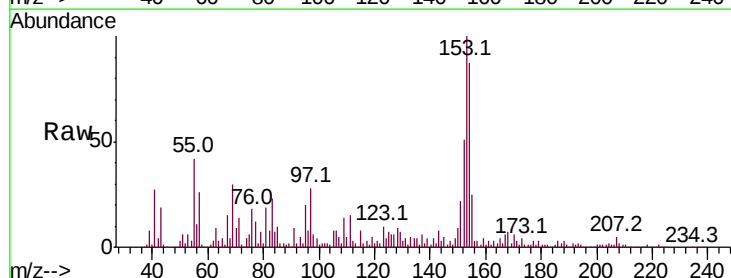
Tgt Ion:154 Resp: 532754

Ion Ratio Lower Upper

154 100

153 115.2 91.2 136.8

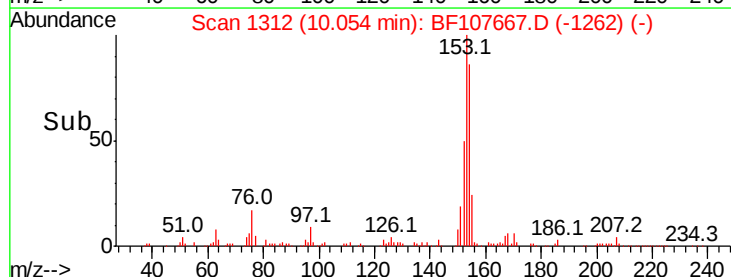
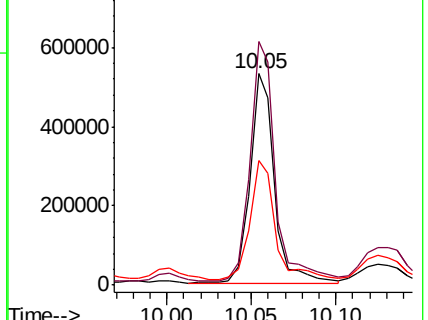
152 58.8 43.8 65.8

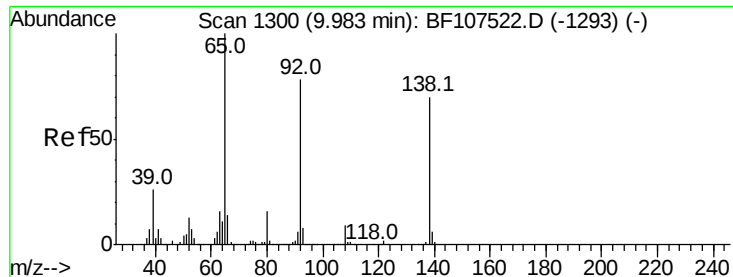


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

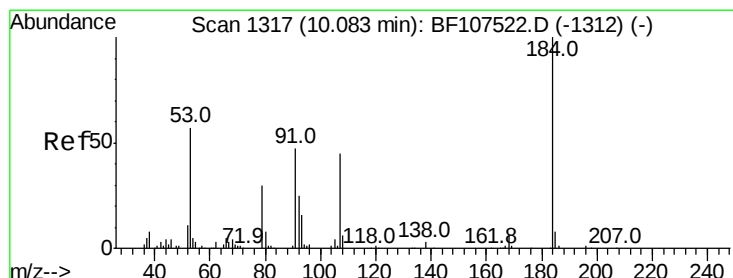
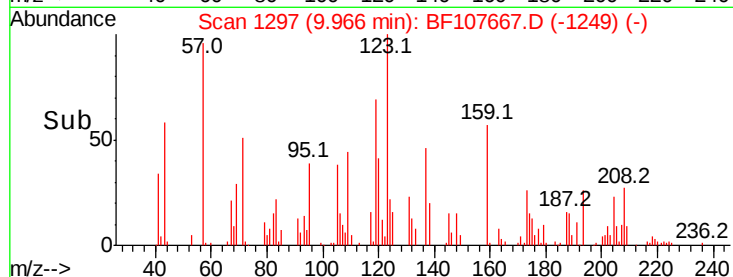
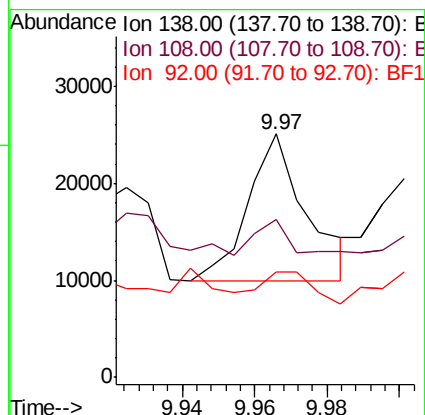
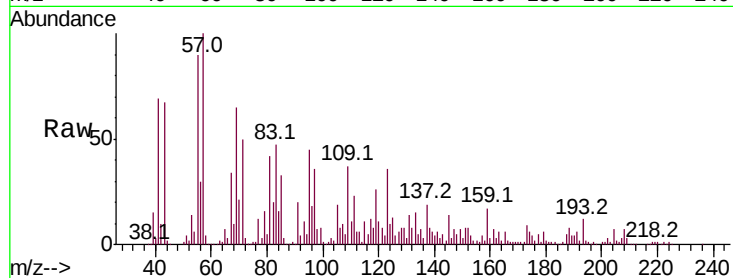




#52
3-Nitroaniline
Concen: 3.562 ng
RT: 9.97 min Scan# 1297
Delta R.T. -0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

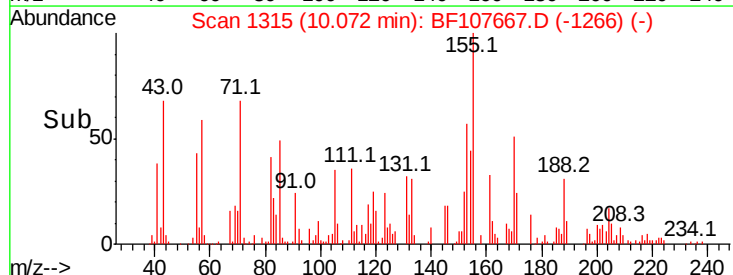
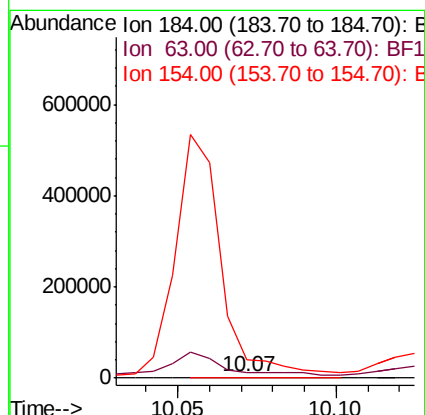
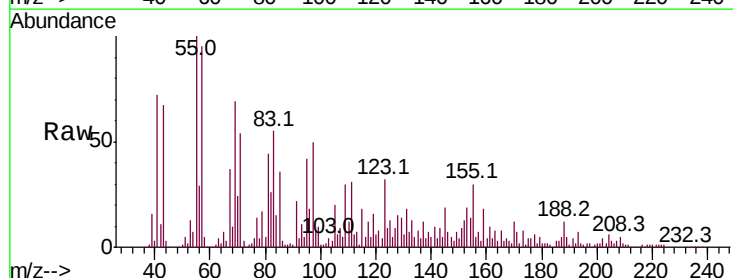
Instrument :
BNA_F
ClientSampled :

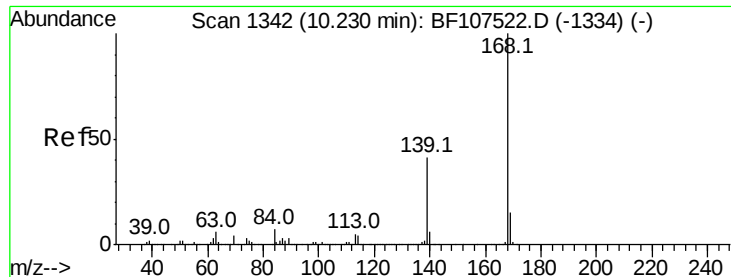
Tot Ion:138 Resp: 16995
Ion Ratio Lower Upper
138 100
108 65.1 9.4 14.0#
92 43.2 89.4 134.2#



#53
2,4-Dinitrophenol
Concen: 9.228 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:184 Resp: 1271
Ion Ratio Lower Upper
184 100
63 918.5 54.2 81.2#
154 3060.0 184.0 276.0#





#54

Dibenzenofuran

Concen: 7.221 ng

RT: 10.23 min Scan# 1342

Delta R.T. 0.00 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

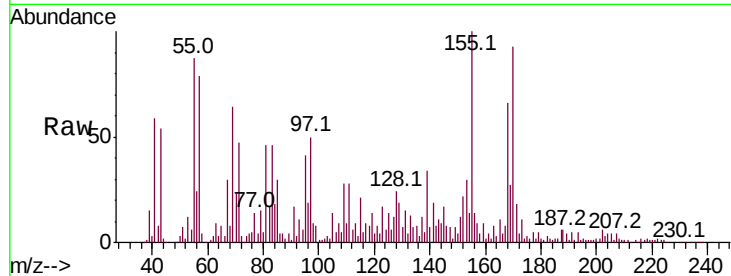
Tot Ion:168 Resp: 174655

Ion Ratio Lower Upper

168 100

139 51.6 30.1 45.1#

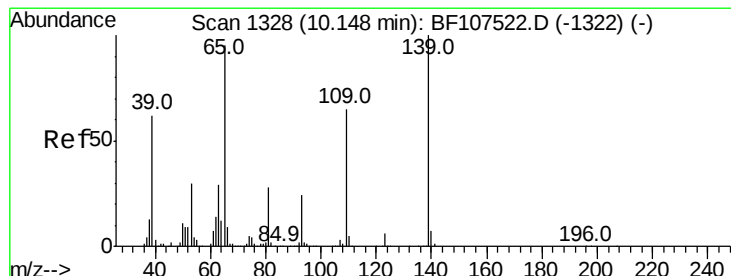
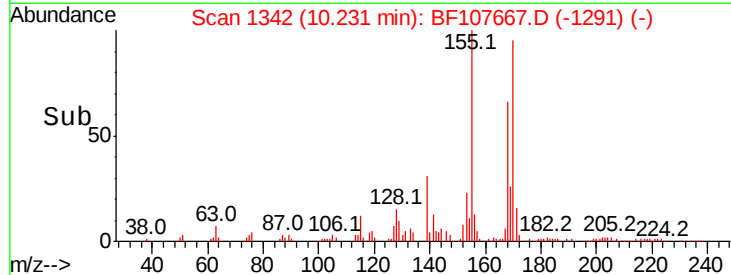
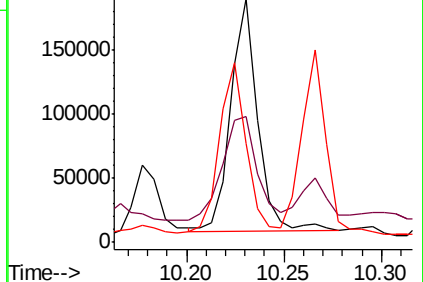
169 40.7 10.9 16.3#



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: 3.139 ng

RT: 10.17 min Scan# 1331

Delta R.T. 0.02 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

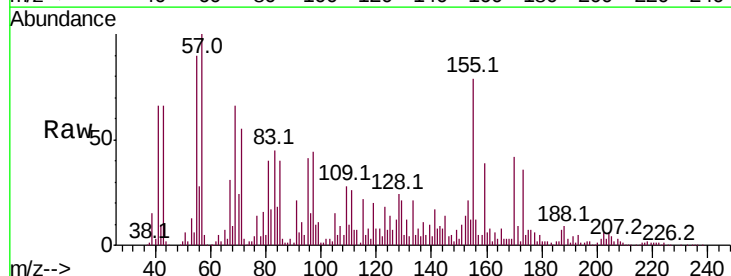
Tgt Ion:139 Resp: 11214

Ion Ratio Lower Upper

139 100

109 265.1 48.4 88.4#

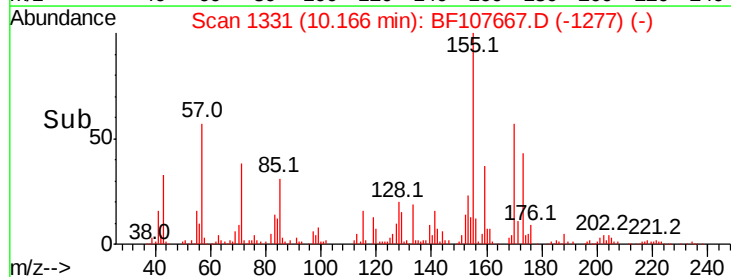
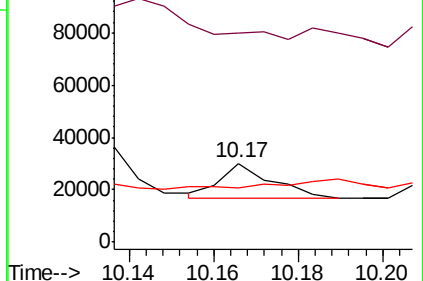
65 68.4 72.6 112.6#

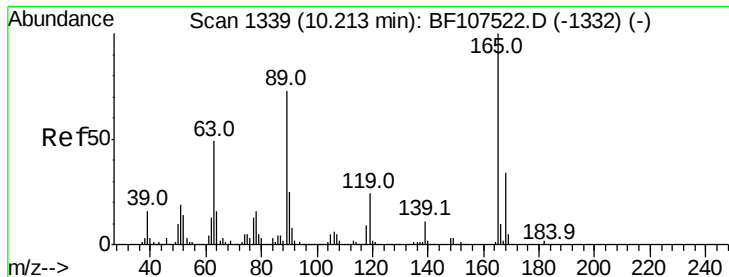


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

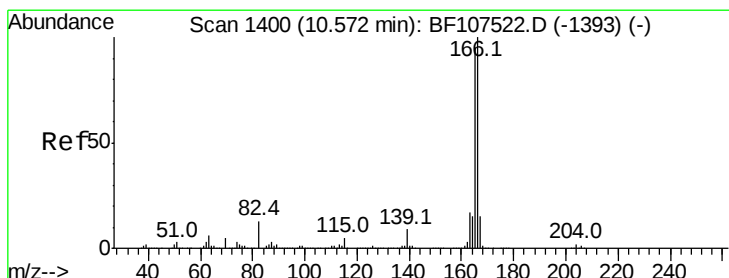
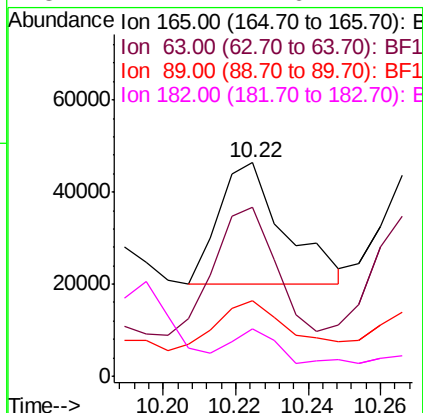
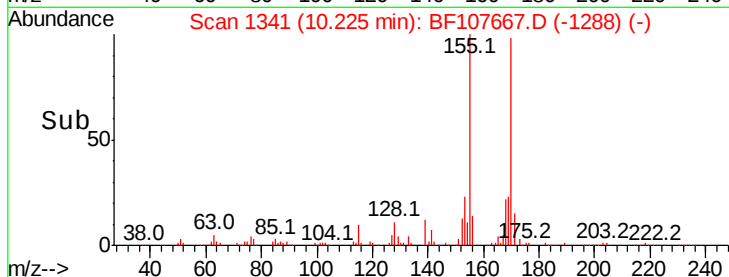
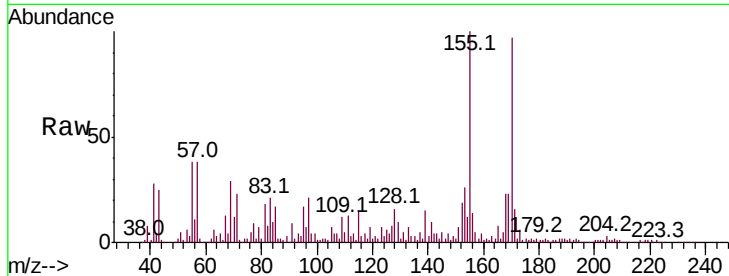




#56
2,4-Dinitrotoluene
Concen: 7.024 ng
RT: 10.22 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

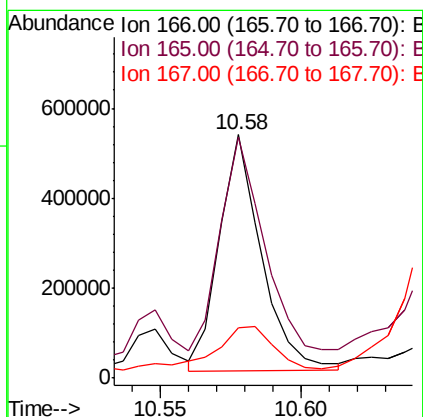
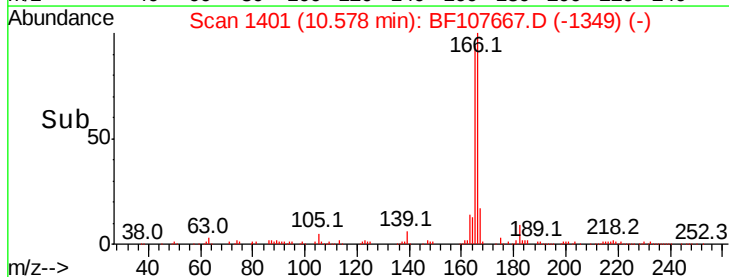
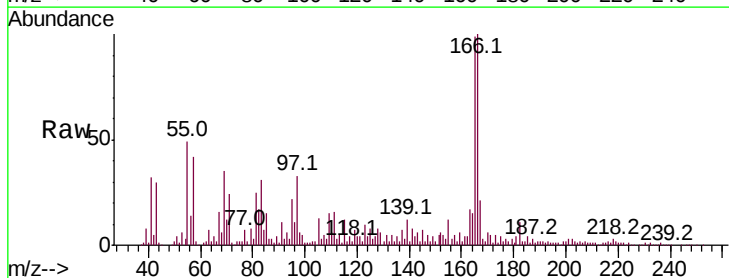
Instrument :
BNA_F
ClientSampleId :

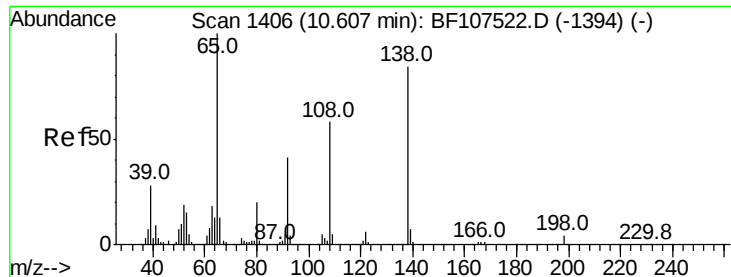
Tot Ion	Ratio	Lower	Upper
165	100		
63	79.4	36.4	54.6#
89	35.2	57.8	86.6#
182	22.2	1.6	2.4#



#57
Fluorene
Concen: 31.687 ng
RT: 10.58 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	79.8	119.8
167	20.8	10.6	16.0#

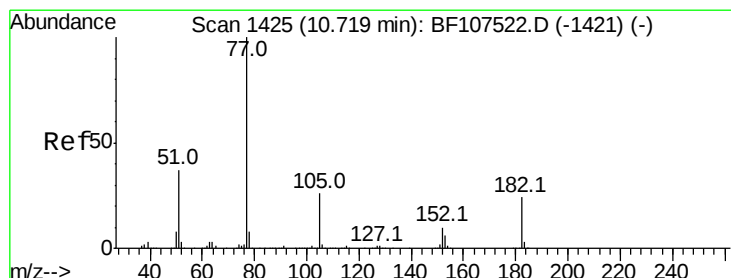
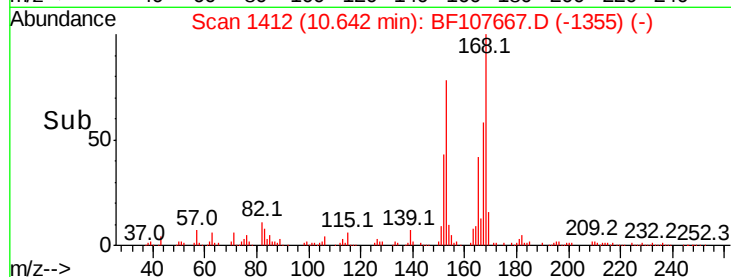
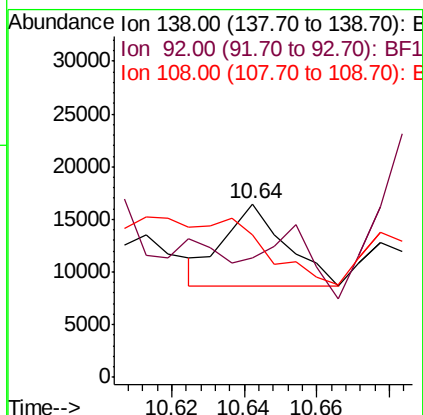
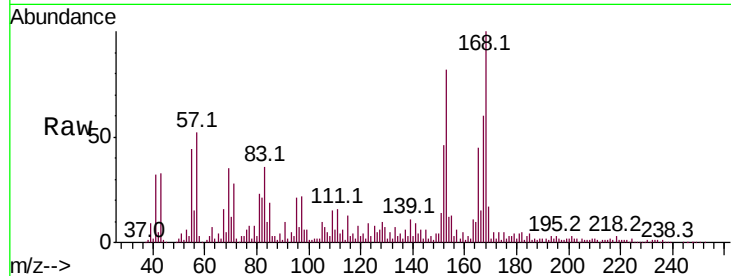




#61
4-Nitroaniline
Concen: 2.309 ng
RT: 10.64 min Scan# 1412
Delta R.T. 0.04 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

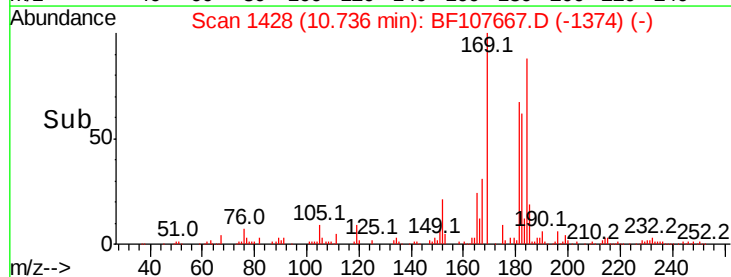
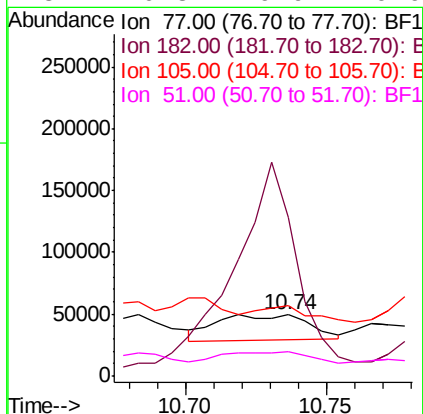
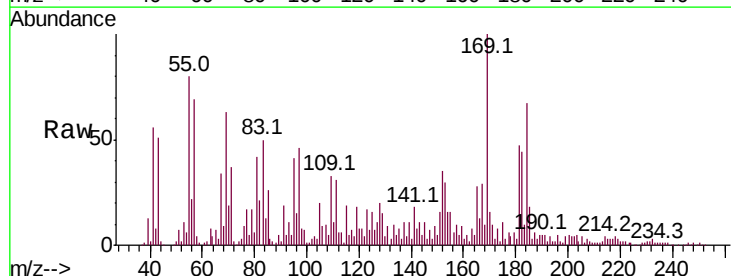
Instrument :
BNA_F
ClientSampled :

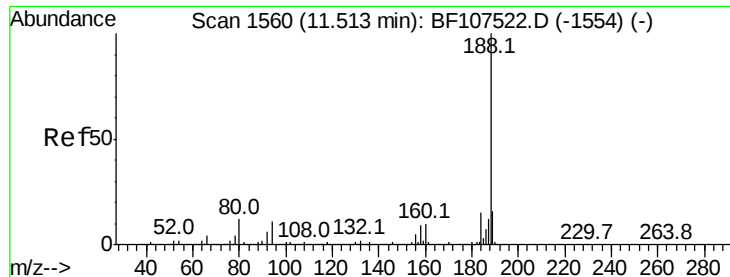
Tot Ion:138 Resp: 9258
Ion Ratio Lower Upper
138 100
92 69.0 30.2 70.2
108 81.8 52.5 92.5



#62
Azobenzene
Concen: 2.391 ng
RT: 10.74 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion: 77 Resp: 46265
Ion Ratio Lower Upper
77 100
182 259.6 1.7 41.7#
105 115.9 3.0 43.0#
51 40.8 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.52 min Scan# 1562

Delta R.T. 0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampled :

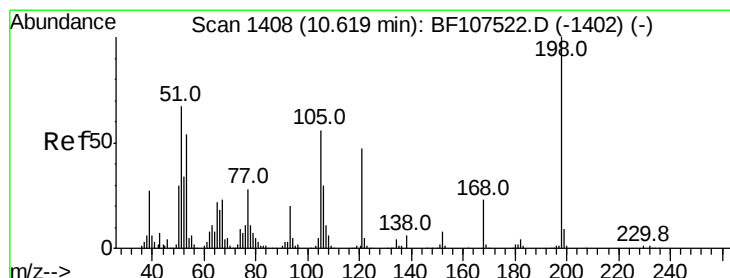
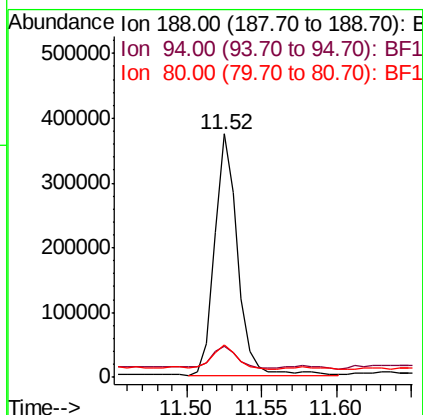
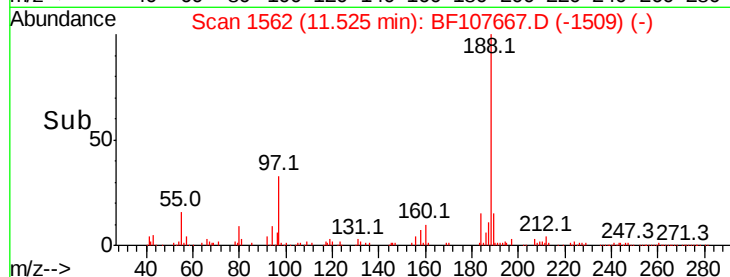
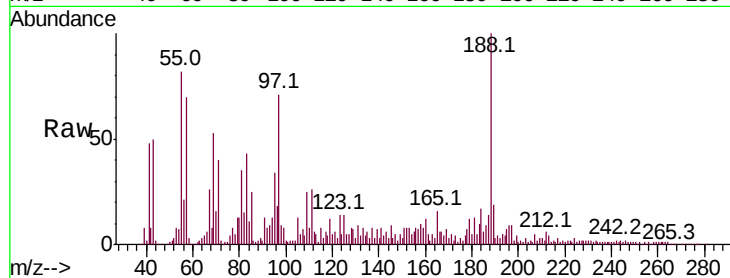
Tot Ion:188 Resp: 399126

Ion Ratio Lower Upper

188 100

94 12.7 8.5 12.7

80 13.3 9.2 13.8



#64

4,6-Dinitro-2-methylphenol

Concen: 10.223 ng

RT: 10.64 min Scan# 1411

Delta R.T. 0.02 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

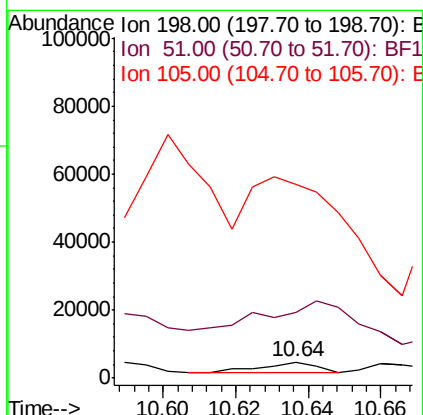
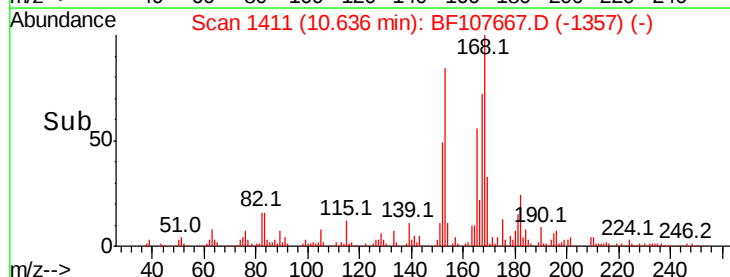
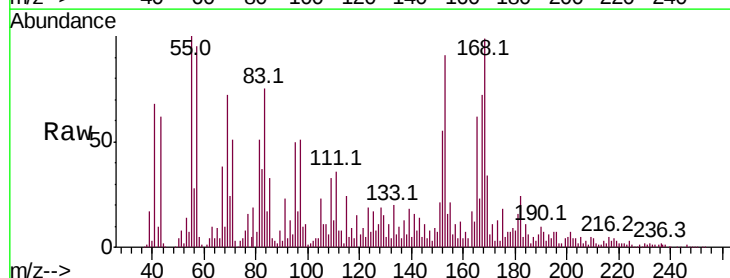
Tgt Ion:198 Resp: 3628

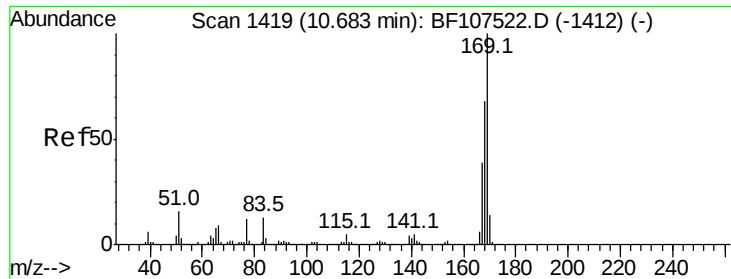
Ion Ratio Lower Upper

198 100

51 411.8 37.7 77.7#

105 1228.8 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 19.138 ng

RT: 10.68 min Scan# 1419

Delta R.T. 0.00 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

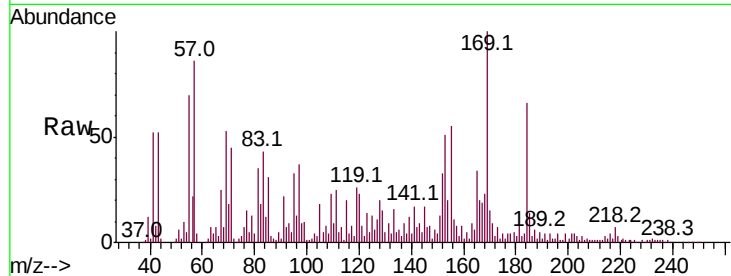
Tot Ion:169 Resp: 259420

Ion Ratio Lower Upper

169 100

168 23.2 54.4 81.6#

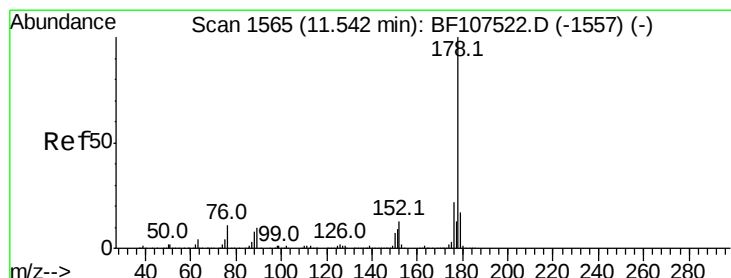
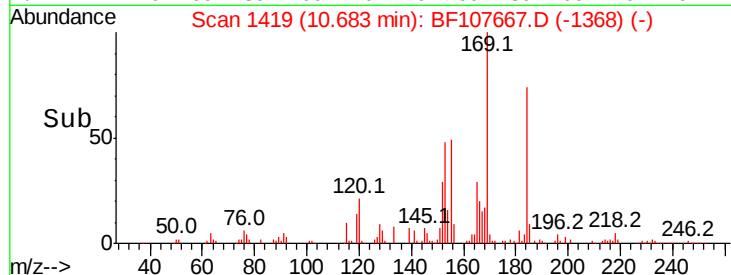
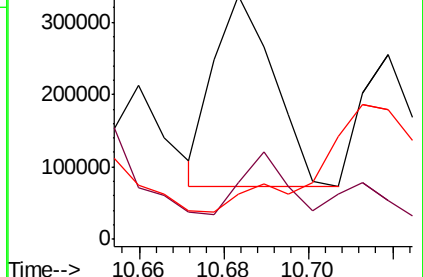
167 18.6 29.8 44.6#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 81.774 ng

RT: 11.55 min Scan# 1567

Delta R.T. 0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

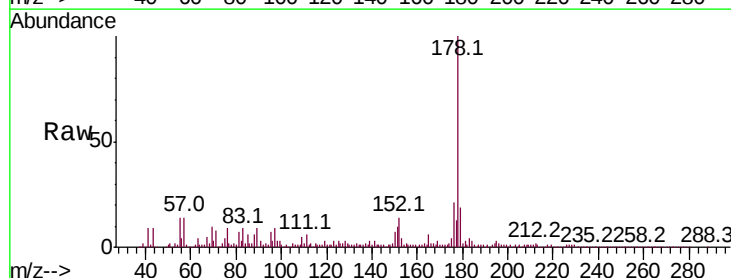
Tgt Ion:178 Resp: 1590474

Ion Ratio Lower Upper

178 100

176 21.2 15.8 23.8

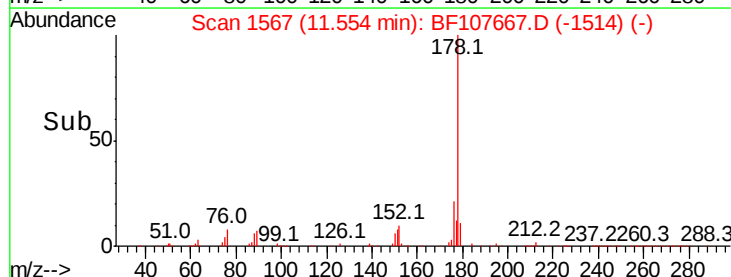
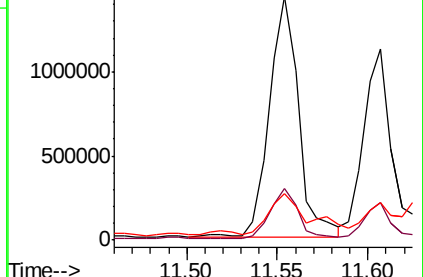
179 18.9 13.0 19.6

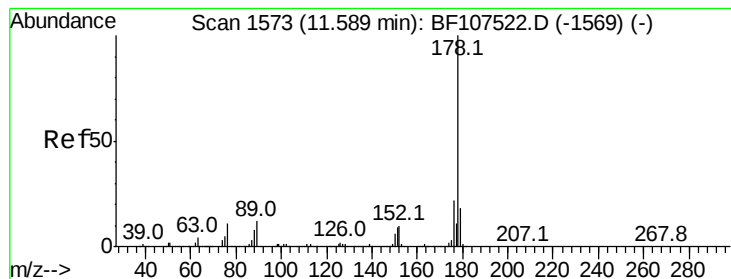


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 81.218 ng

RT: 11.55 min Scan# 1567

Delta R.T. -0.03 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

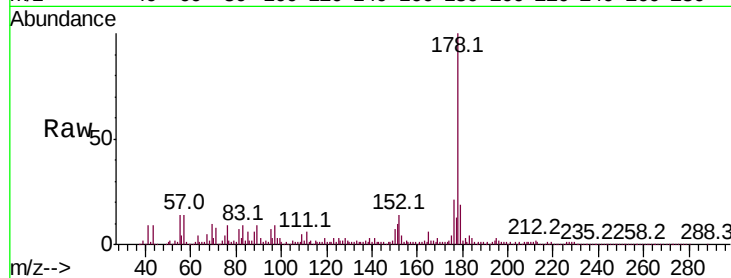
Tot Ion:178 Resp: 1590474

Ion Ratio Lower Upper

178 100

176 21.2 15.4 23.2

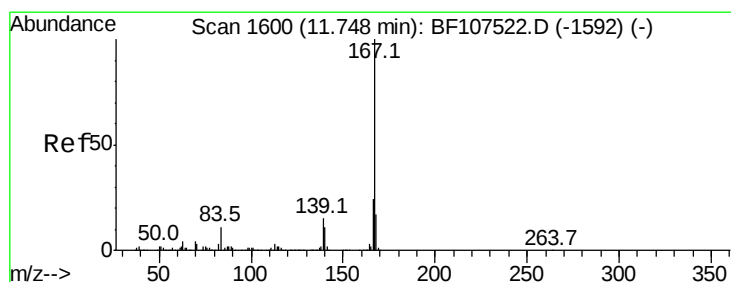
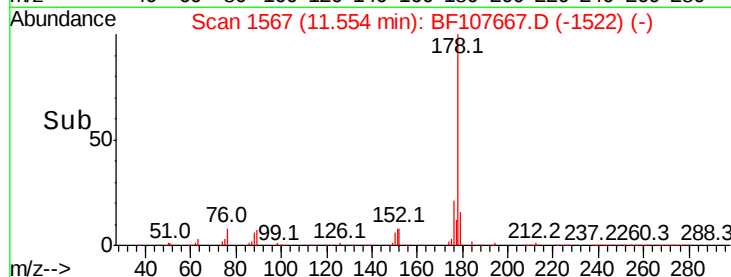
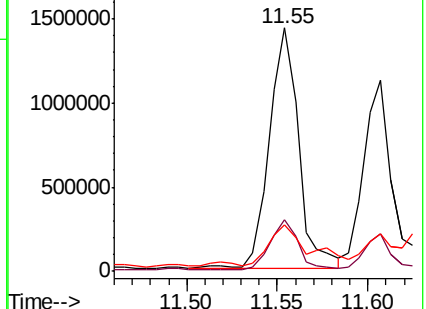
179 18.9 12.6 19.0



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: 5.141 ng

RT: 11.76 min Scan# 1602

Delta R.T. 0.01 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

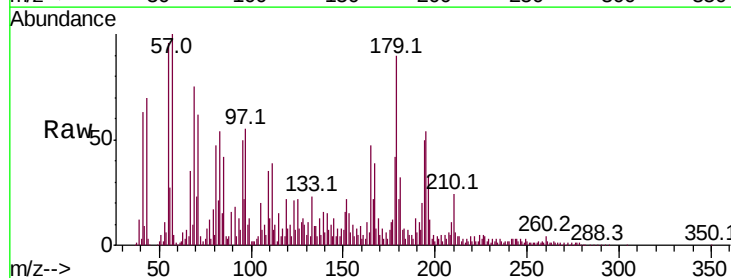
Tgt Ion:167 Resp: 104684

Ion Ratio Lower Upper

167 100

166 55.8 17.6 26.4#

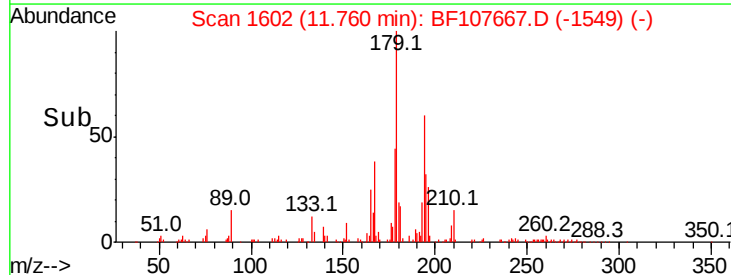
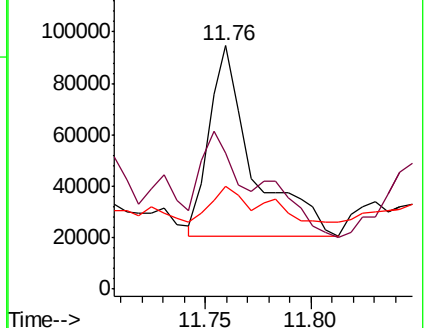
139 42.0 10.9 16.3#

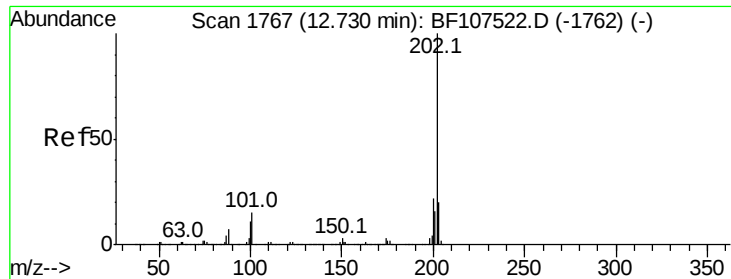


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 216.700 ng

RT: 12.77 min Scan# 1773

Delta R.T. 0.04 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

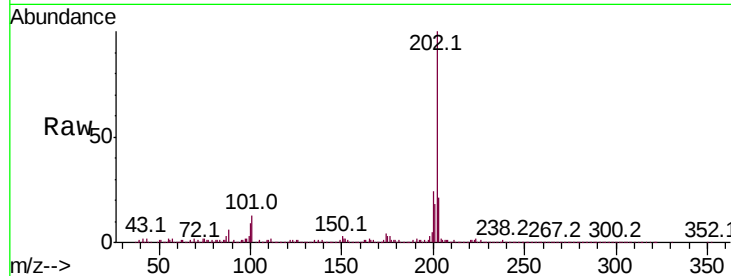
Tot Ion:202 Resp: 4522706

Ion Ratio Lower Upper

202 100

101 12.7 0.0 34.1

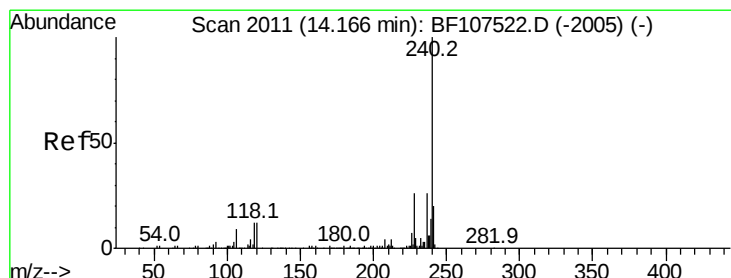
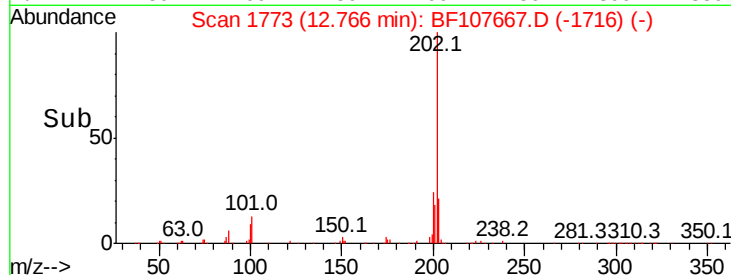
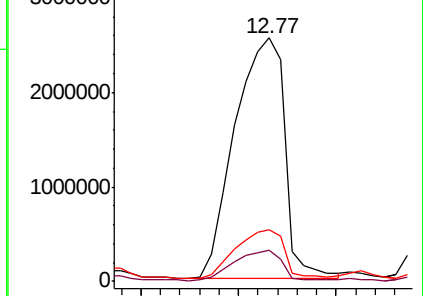
203 21.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.02 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

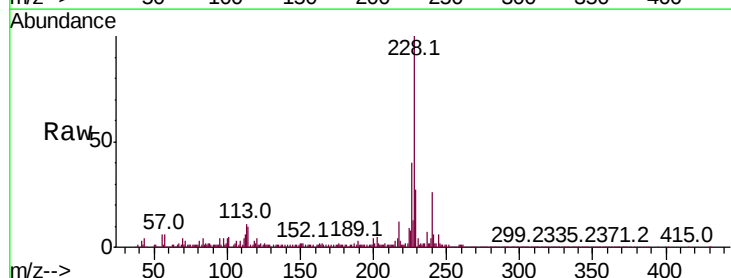
Tgt Ion:240 Resp: 329567

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

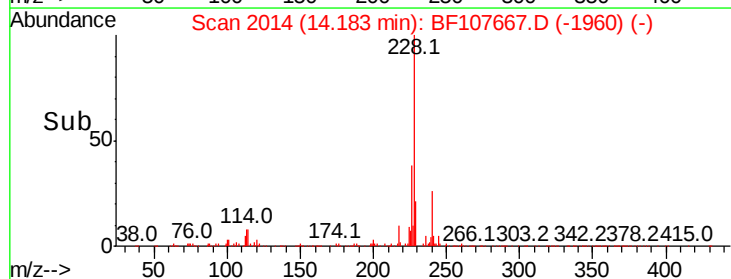
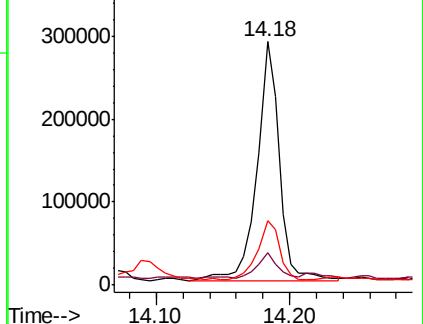
236 26.2 20.7 31.1

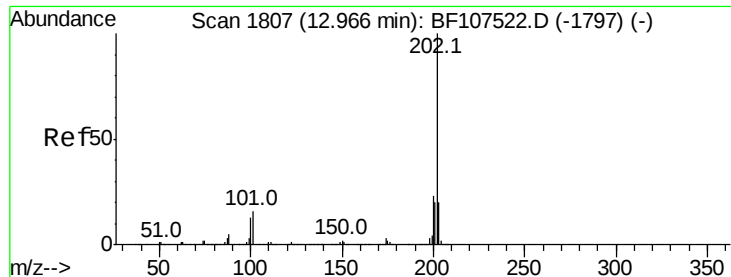


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

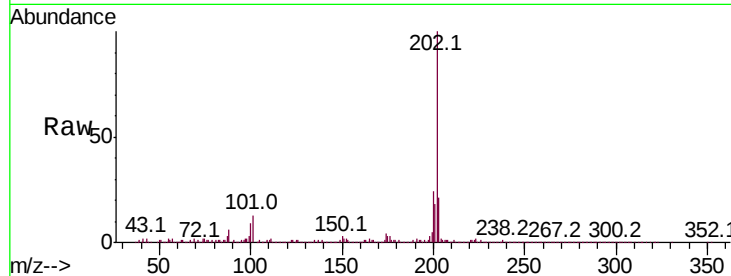




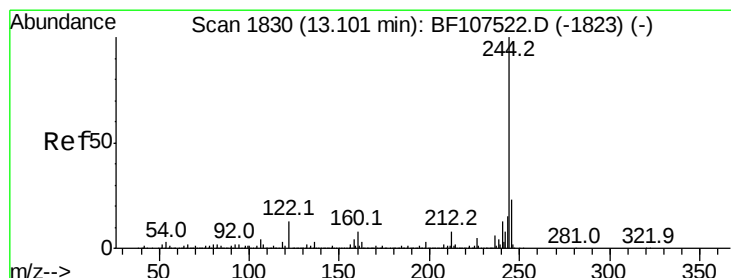
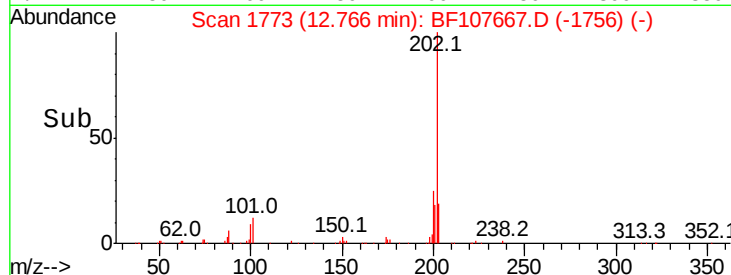
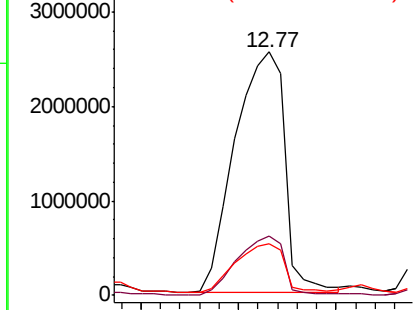
#77
Pvrene
Concen: 200.628 ng
RT: 12.77 min Scan# 1773
Delta R.T. -0.20 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 4522706
Ion Ratio Lower Upper
202 100
200 24.5 17.4 26.2
203 21.3 14.3 21.5

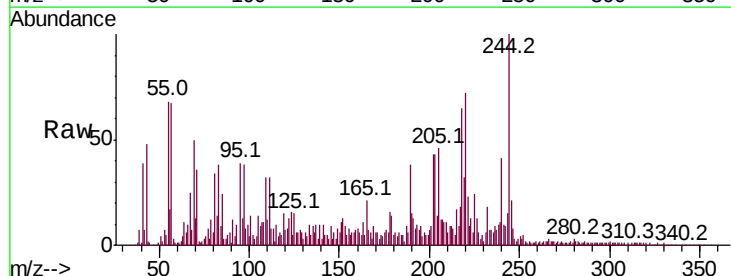


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

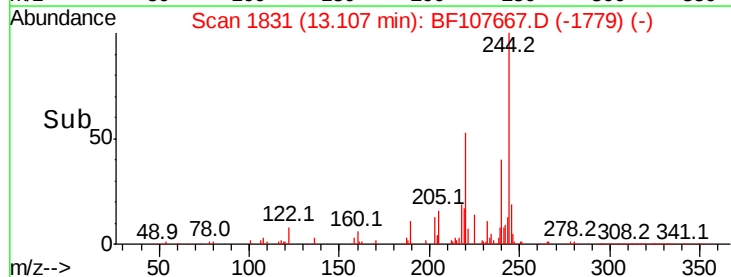
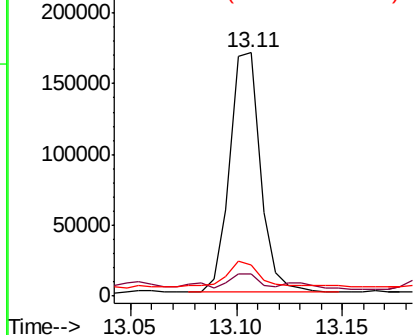


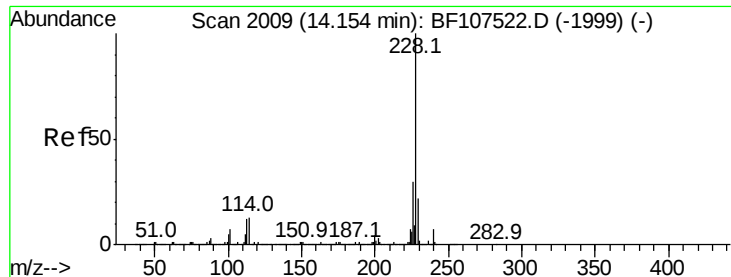
#78
Terphenyl-d14
Concen: 13.128 ng
RT: 13.11 min Scan# 1831
Delta R.T. 0.01 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:244 Resp: 168996
Ion Ratio Lower Upper
244 100
212 8.9 5.4 8.0#
122 12.8 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

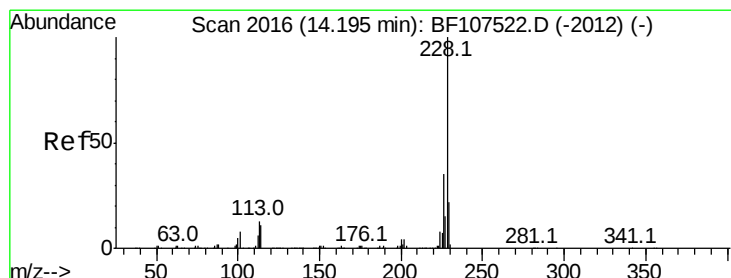
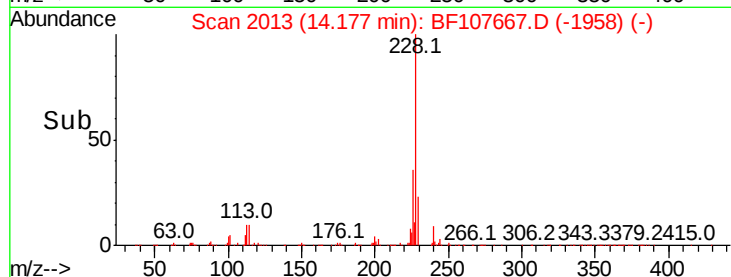
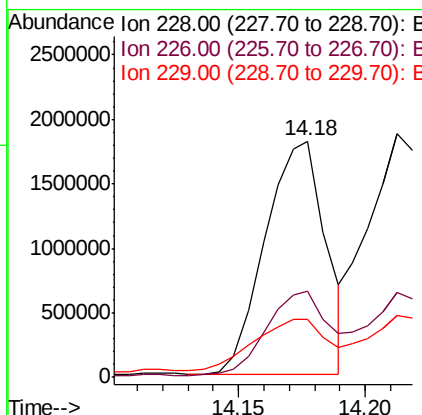
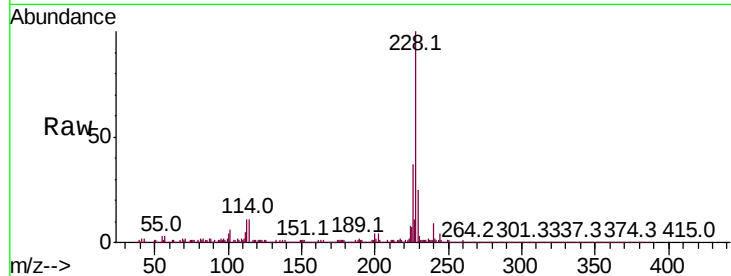




#80
Benzo(a)anthracene
Concen: 155.778 ng
RT: 14.18 min Scan# 2013
Delta R.T. 0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

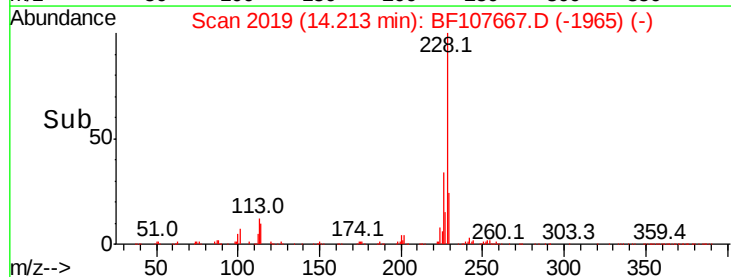
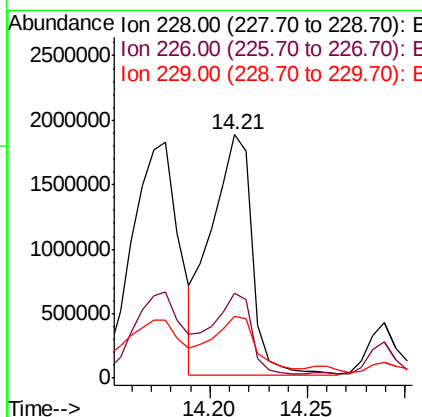
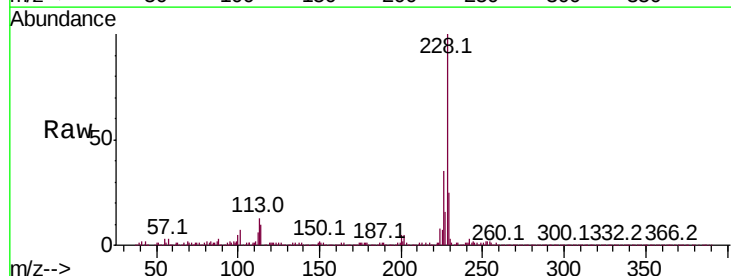
Instrument :
BNA_F
ClientSampleId :

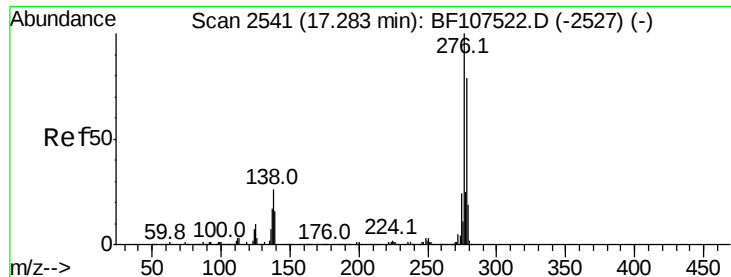
Tot Ion:228 Resp: 3008577
Ion Ratio Lower Upper
228 100
226 36.6 22.6 33.8#
229 24.8 15.8 23.6#



#82
Chrysene
Concen: 148.321 ng
RT: 14.21 min Scan# 2019
Delta R.T. 0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:228 Resp: 2751687
Ion Ratio Lower Upper
228 100
226 34.8 25.0 37.6
229 25.4 16.2 24.4#

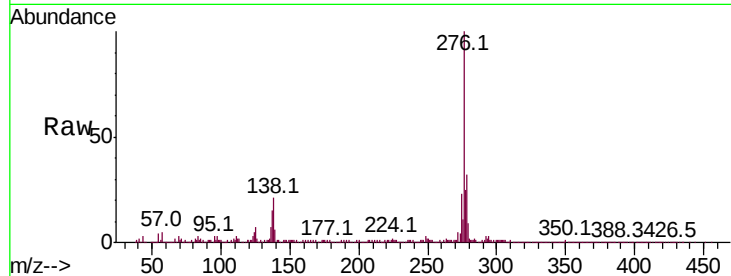




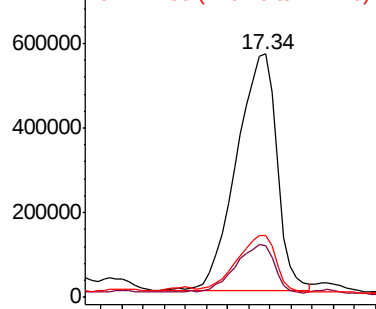
#85
Indeno(1,2,3-cd)pyrene
Concen: 93.624 ng
RT: 17.34 min Scan# 2550
Delta R.T. 0.05 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Instrument :
BNA_F
ClientSampleId :

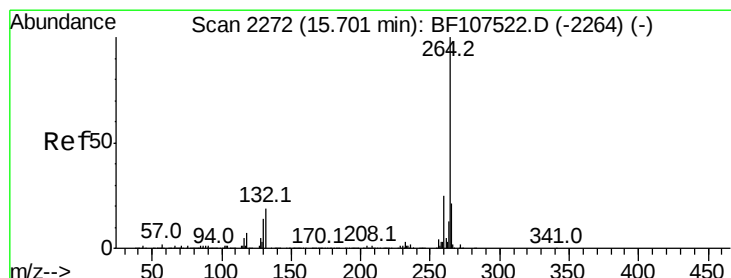
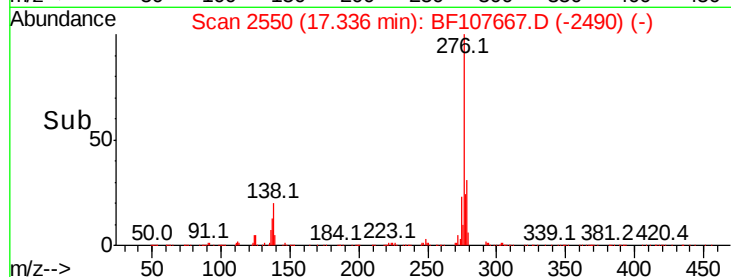
Tot Ion:276 Resp: 1472103
Ion Ratio Lower Upper
276 100
138 19.5 25.0 37.6#
277 23.7 20.1 30.1



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

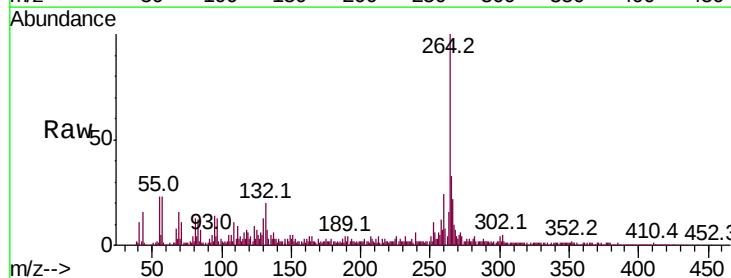


Time-->

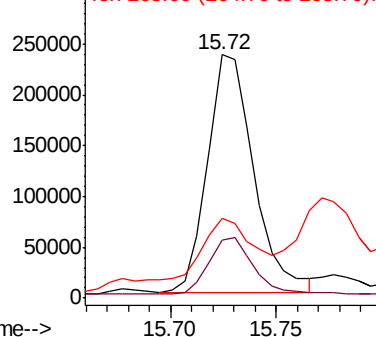


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.72 min Scan# 2276
Delta R.T. 0.02 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

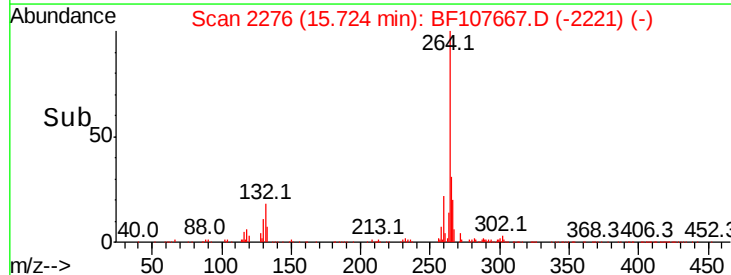
Tgt Ion:264 Resp: 354822
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 32.8 17.5 26.3#

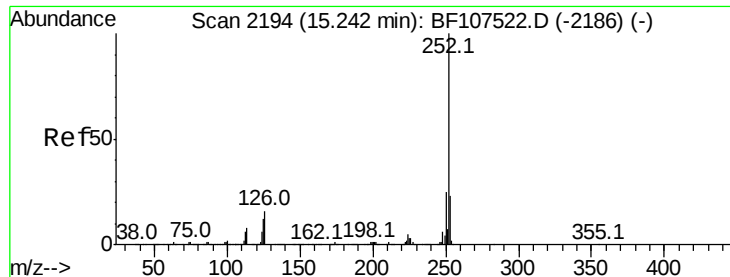


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Time-->





#87

Benzo(b)fluoranthene

Concen: 210.169 ng

RT: 15.28 min Scan# 2200

Delta R.T. 0.04 min

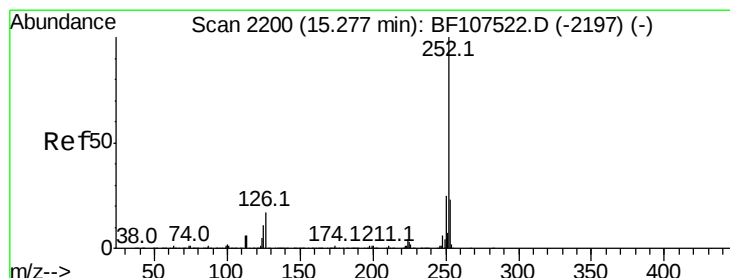
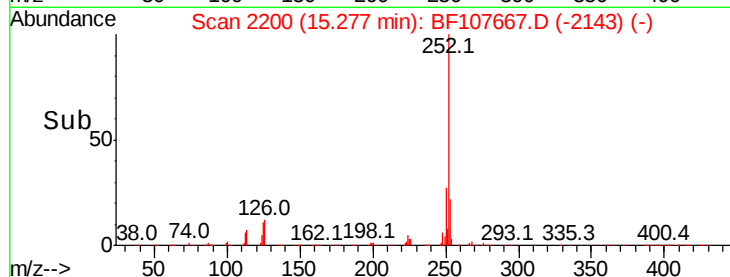
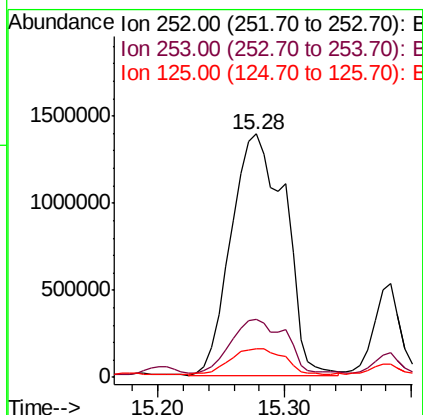
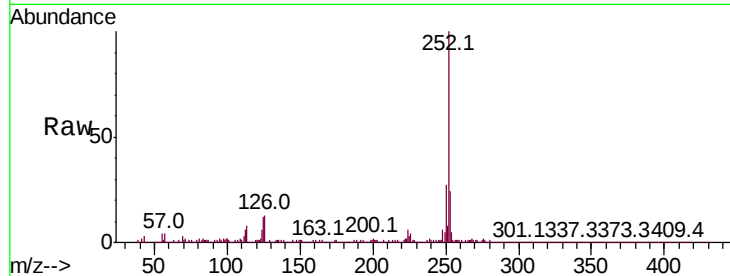
Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 4081278

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.0	25.6
125	11.9	9.0	13.6



#88

Benzo(k)fluoranthene

Concen: 214.519 ng

RT: 15.28 min Scan# 2200

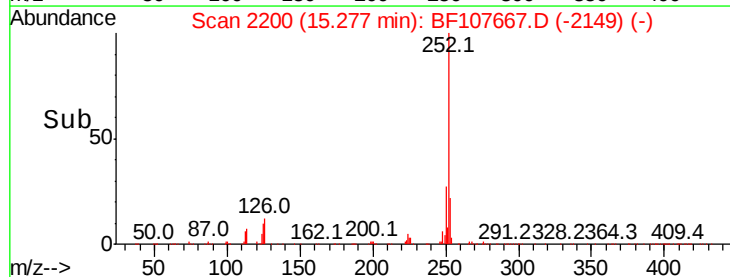
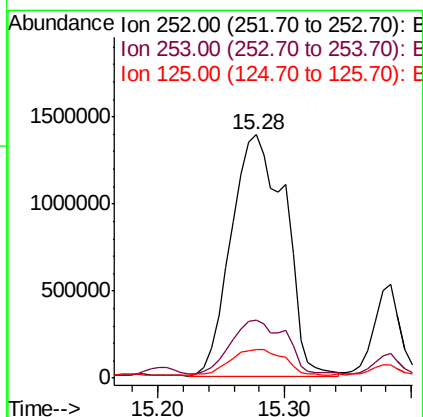
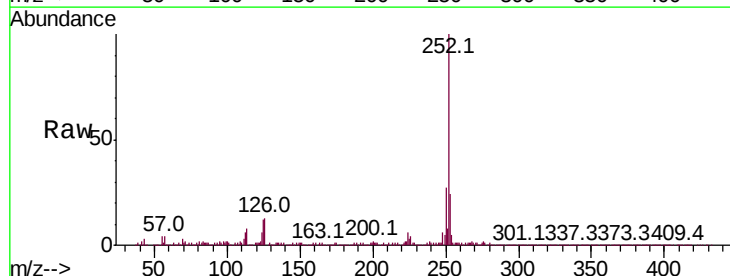
Delta R.T. 0.00 min

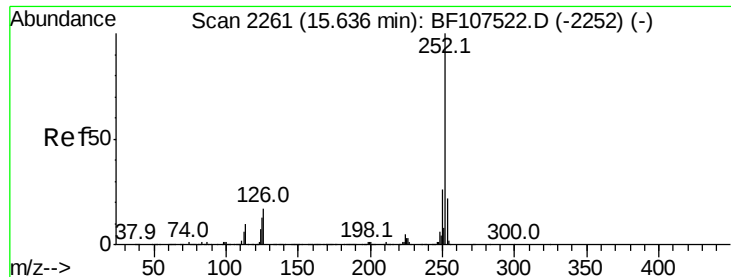
Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Tgt Ion:252 Resp: 4081278

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.9	26.9
125	11.9	10.2	15.2

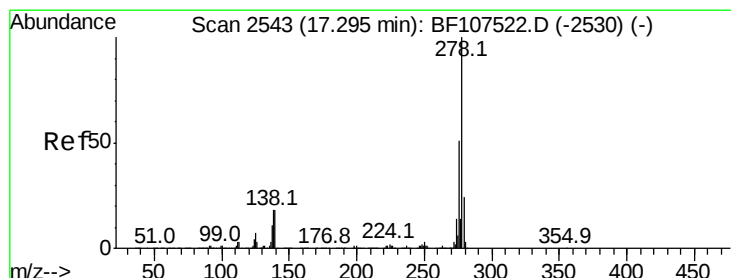
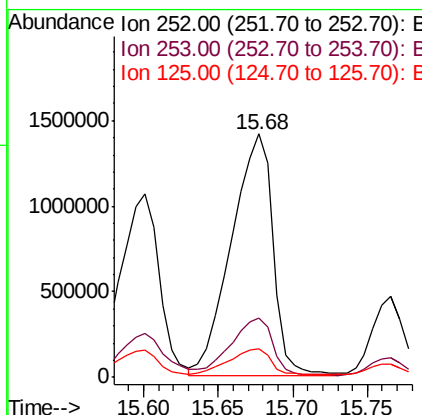
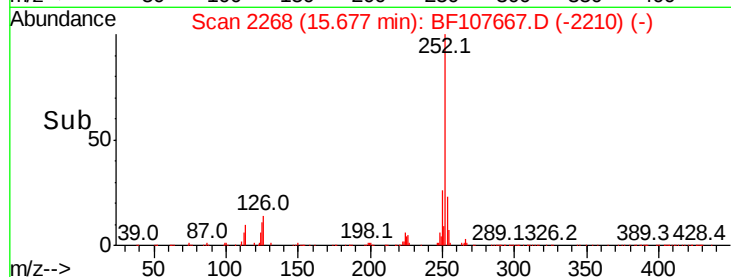
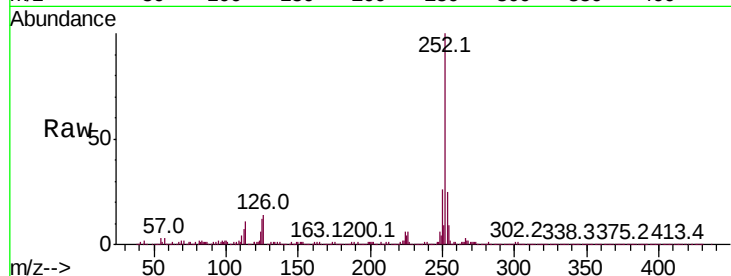




#89
Benzo(a)pyrene
Concen: 153.290 ng
RT: 15.68 min Scan# 2268
Delta R.T. 0.04 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

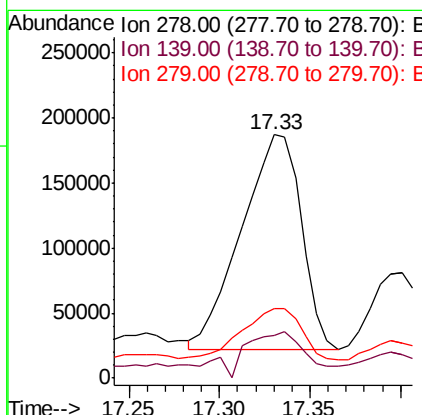
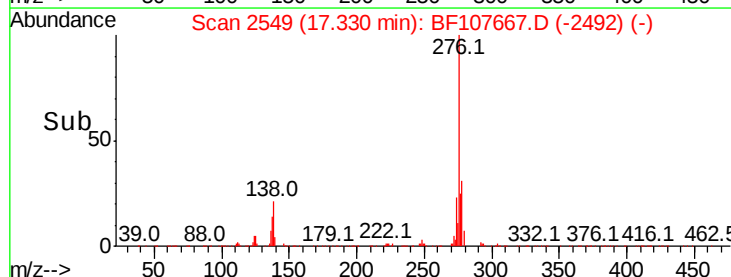
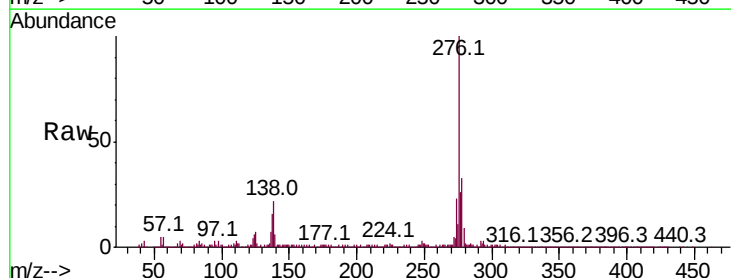
Instrument :
BNA_F
ClientSampleId :

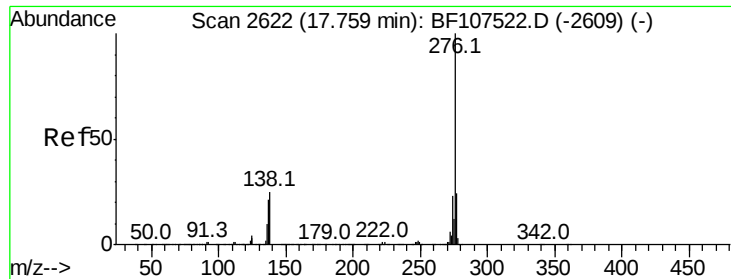
Tot Ion:252 Resp: 2722912
Ion Ratio Lower Upper
252 100
253 24.5 17.1 25.7
125 11.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 24.778 ng
RT: 17.33 min Scan# 2549
Delta R.T. 0.04 min
Lab File: BF107667.D
Acq: 25 Jul 2018 19:50

Tgt Ion:278 Resp: 380471
Ion Ratio Lower Upper
278 100
139 17.3 15.9 23.9
279 28.8 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 104.676 ng

RT: 17.82 min Scan# 2633

Delta R.T. 0.06 min

Lab File: BF107667.D

Acq: 25 Jul 2018 19:50

Instrument :

BNA_F

ClientSampleId :

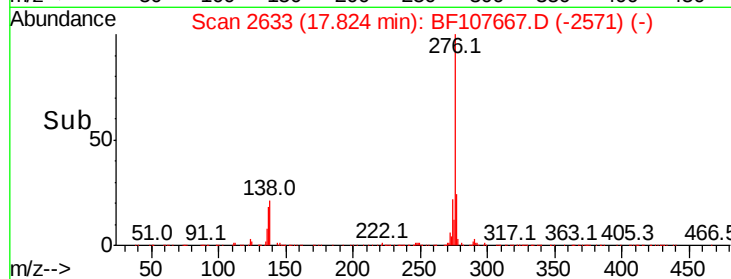
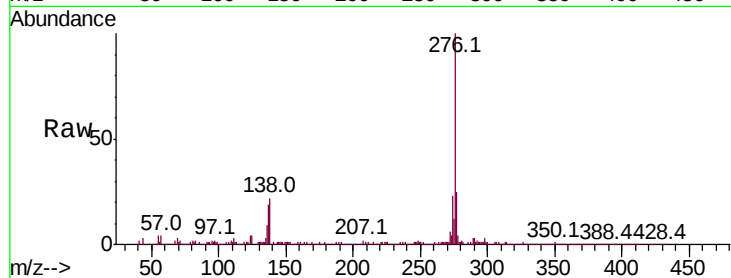
Tot Ion:276 Resp: 1585424

Ion Ratio Lower Upper

276 100

277 25.3 17.9 26.9

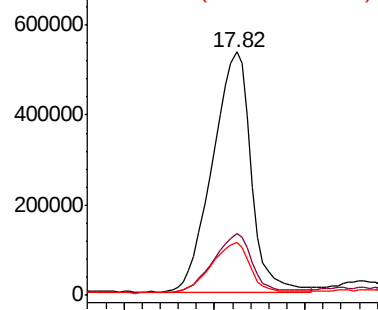
138 21.9 21.8 32.8



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



Time-->