

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107664.D
 Acq On : 25 Jul 2018 18:28
 Operator : JU/SJ
 Sample : J4126-11 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 26 02:04:54 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	208769	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	806165	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	322870	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	547621	20.00	ng	0.00
75) Chrysene-d12	14.16	240	404468	20.00	ng	0.00
86) Perylene-d12	15.69	264	405168	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	375133	28.89	ng	-0.01
7) Phenol-d6	6.60	99	498183	31.95	ng	-0.02
23) Nitrobenzene-d5	7.53	82	295513	24.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	112572	30.66	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	461491	17.32	ng	-0.02
78) Terphenyl-d14	13.09	244	376076	23.80	ng	-0.01

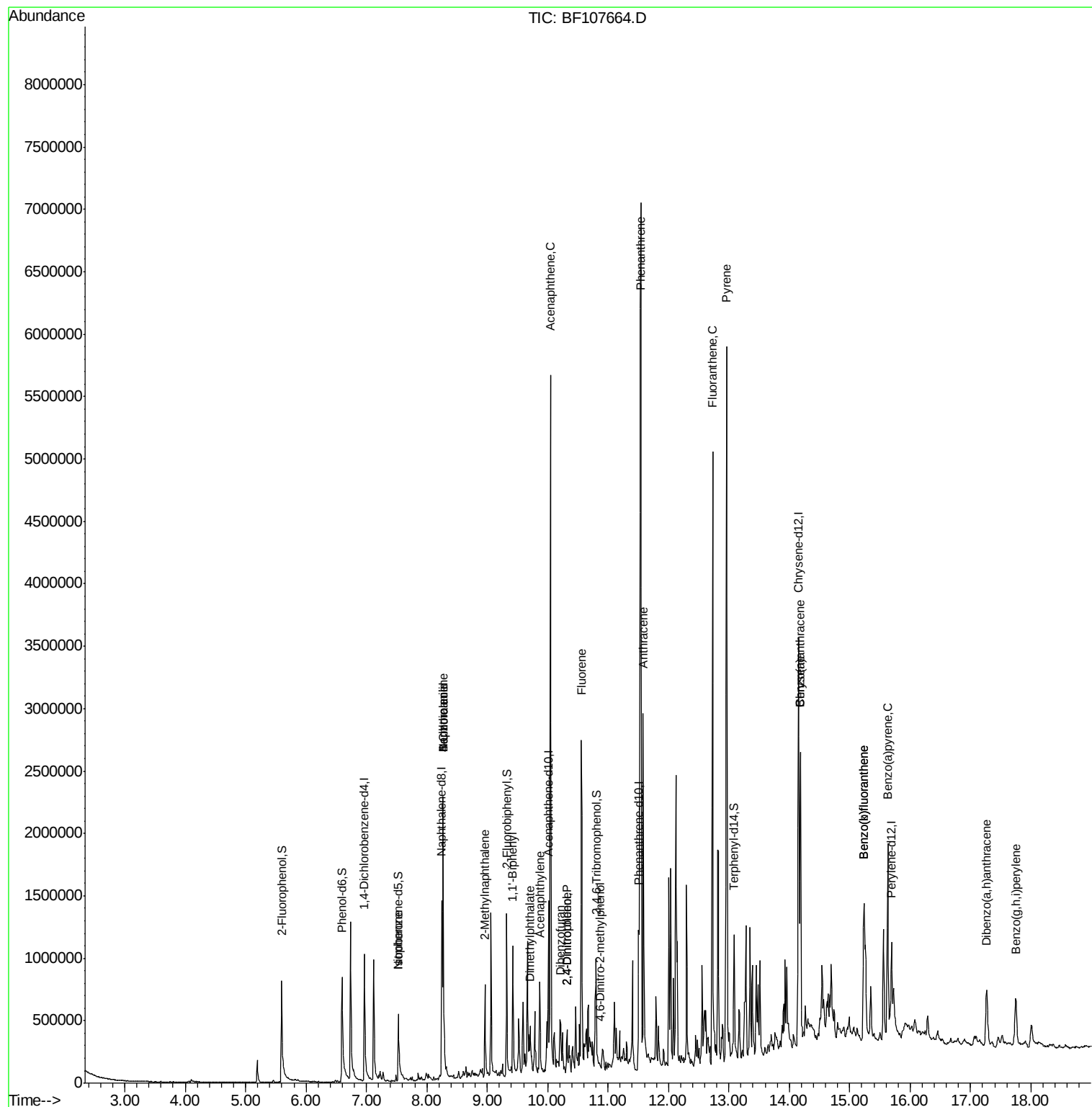
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.74	77	9095	Below Cal		85
25) Isophorone	7.53	82	295511	11.586	ng	# 64
31) Naphthalene	8.27	128	1113206	31.402	ng	99
32) Benzoic acid	8.27	122	2900	8.217	ng	# 1
33) 4-Chloroaniline	8.27	127	147289	9.506	ng	# 33
37) 2-Methylnaphthalene	8.97	142	261560	10.647	ng	99
45) 1,1'-Biphenyl	9.42	154	378274	13.449	ng	97
48) Acenaphthylene	9.87	152	281962	8.731	ng	97
49) Dimethylphthalate	9.71	163	107521	4.419	ng	# 97
51) Acenaphthene	10.05	154	1323907	65.428	ng	99
53) 2,4-Dinitrophenol	10.31	184	810	8.772	ng	# 1
54) Dibenzofuran	10.21	168	123280	4.138	ng	# 94
56) 2,4-Dinitrotoluene	10.32	165	11928	2.045	ng	# 59
57) Fluorene	10.56	166	862245	40.572	ng	94
64) 4,6-Dinitro-2-methylphenol	10.87	198	1646	9.191	ng	86
70) Phenanthrene	11.54	178	3549459	133.010	ng	93
71) Anthracene	11.58	178	1399861	52.100	ng	99
73) Di-n-butylphthalate	12.04	149	3748	Below Cal		# 1
74) Fluoranthene	12.73	202	2391304	83.507	ng	96
77) Pvrene	12.97	202	3018469	109.104	ng	95
80) Benzo(a)anthracene	14.18	228	1014891	42.818	ng	94
81) 3,3'-Dichlorobenzidine	14.10	252	751	Below Cal		# 55
82) Chrysene	14.18	228	1014891	44.574	ng	98
87) Benzo(b)fluoranthene	15.24	252	1074938	48.477	ng	99
88) Benzo(k)fluoranthene	15.24	252	1074938	49.480	ng	98
89) Benzo(a)pyrene	15.63	252	891069	43.930	ng	97
90) Dibenzo(a,h)anthracene	17.27	278	80085	4.567	ng	97
91) Benzo(g,h,i)perylene	17.75	276	380359	21.992	ng	94

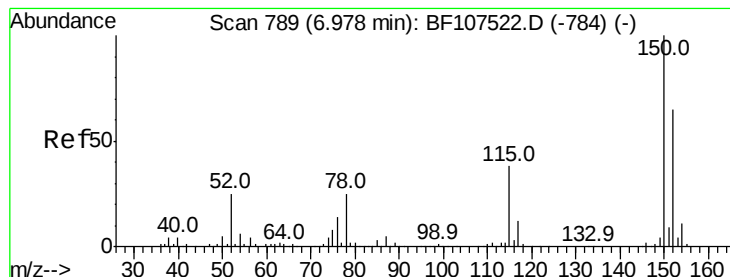
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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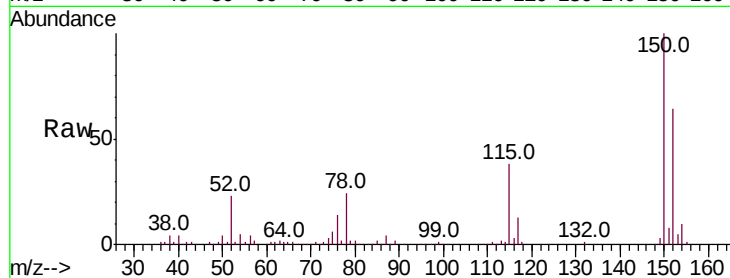


#1

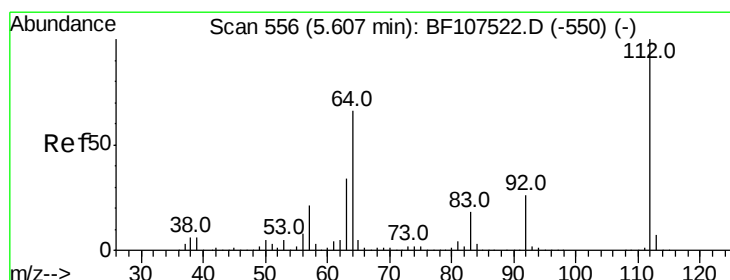
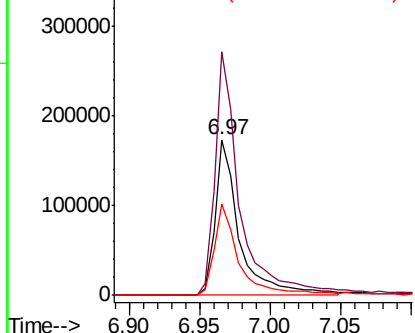
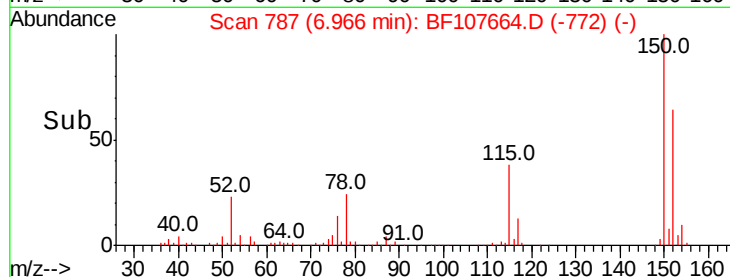
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 208769
Ion Ratio Lower Upper
152 100
150 156.3 124.6 186.8
115 58.7 50.1 75.1



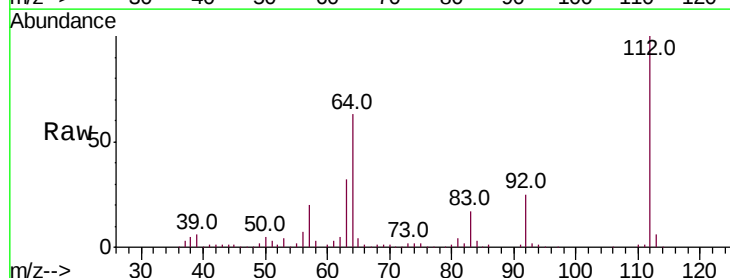
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



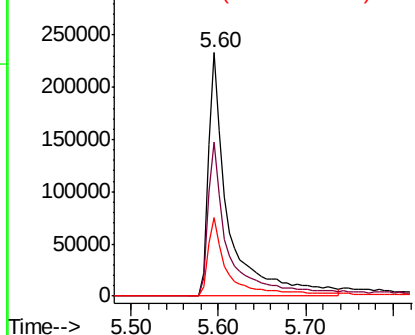
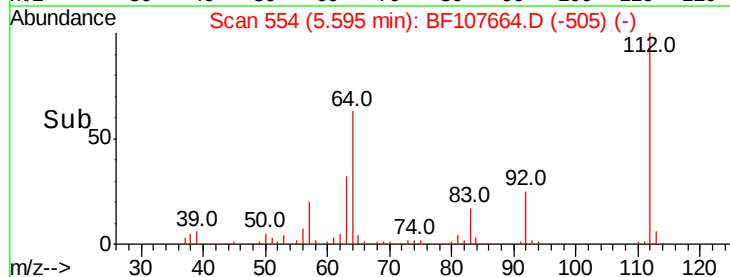
#5

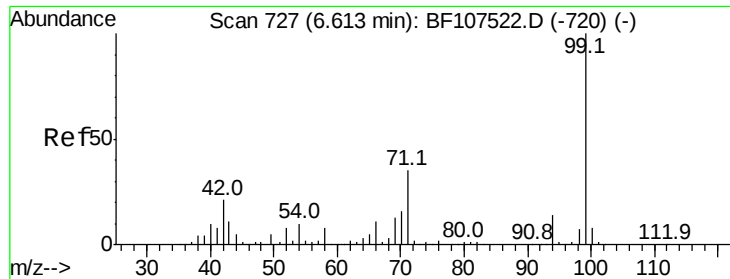
2-Fluorophenol
Concen: 28.890 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:112 Resp: 375133
Ion Ratio Lower Upper
112 100
64 63.1 47.9 71.9
63 32.3 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: 31.953 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

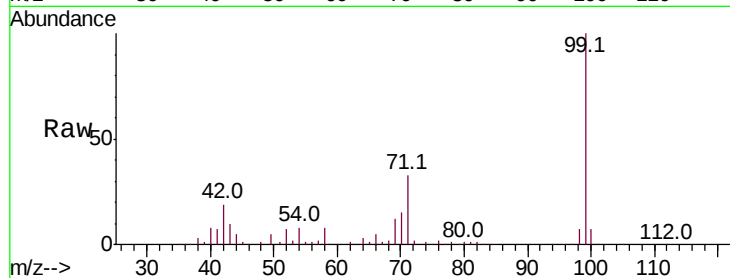
Tot Ion: 99 Resp: 498183

Ion Ratio Lower Upper

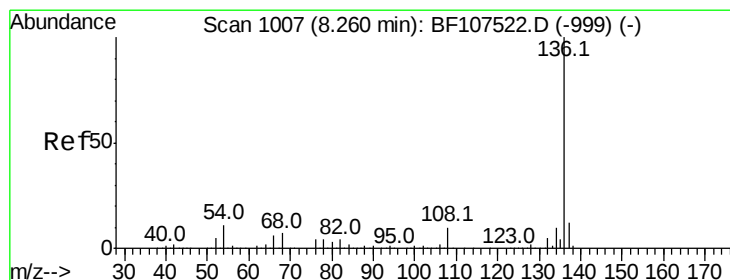
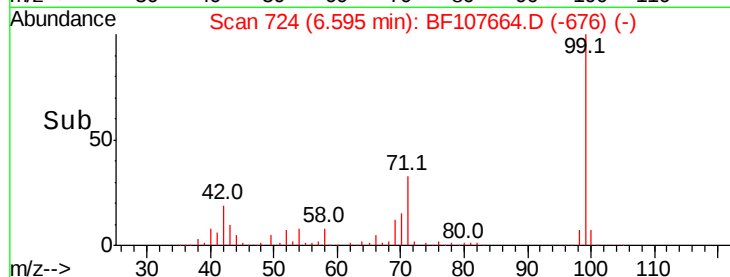
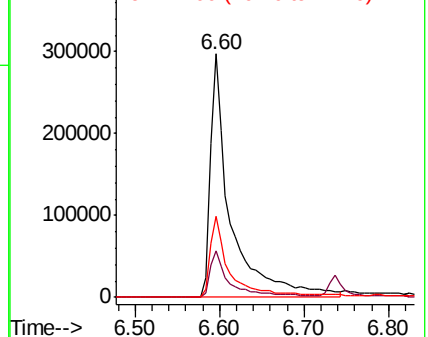
99 100

42 19.2 14.5 21.7

71 33.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Tgt Ion: 136 Resp: 806165

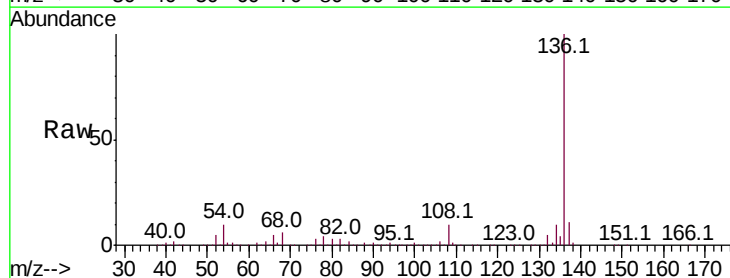
Ion Ratio Lower Upper

136 100

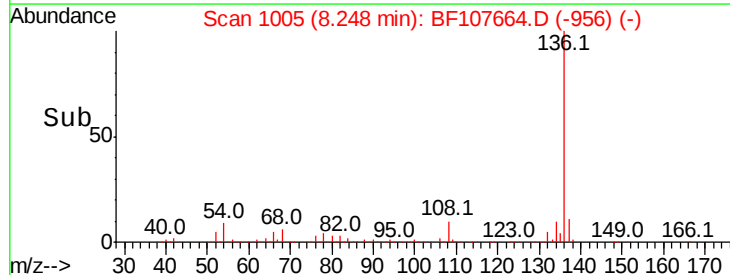
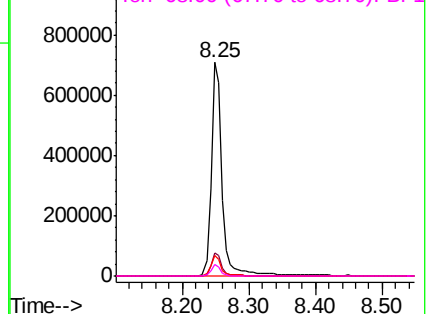
137 11.0 8.9 13.3

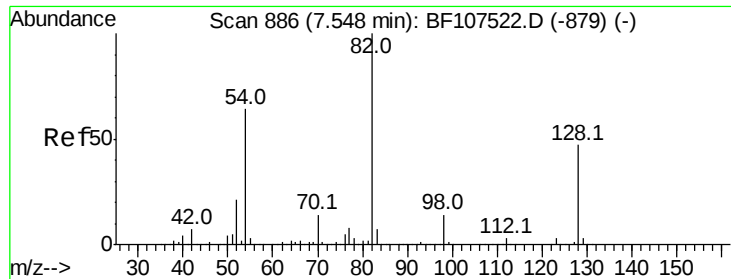
54 9.6 6.6 9.8

68 5.6 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

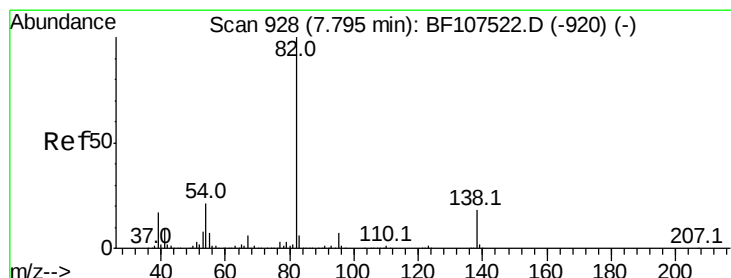
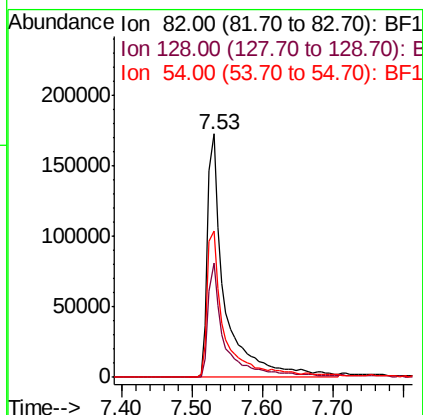
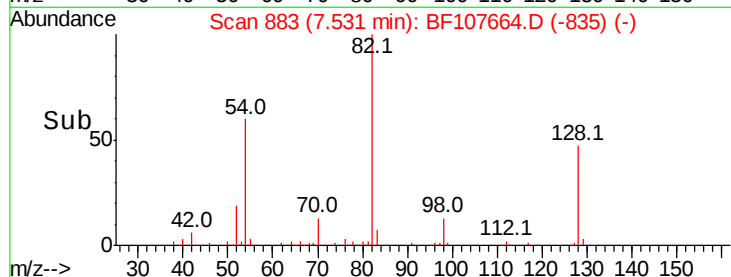
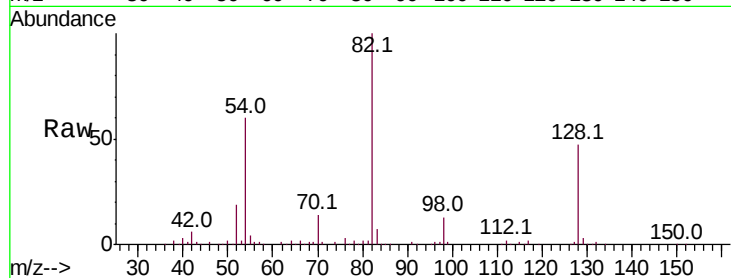




#23
 Nitrobenzene-d5
 Concen: 24.739 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

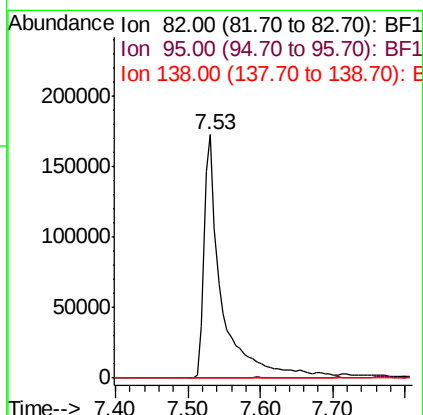
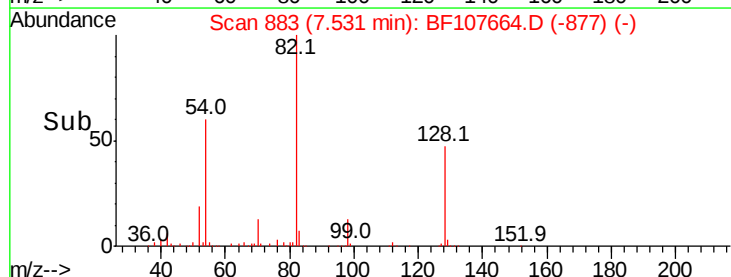
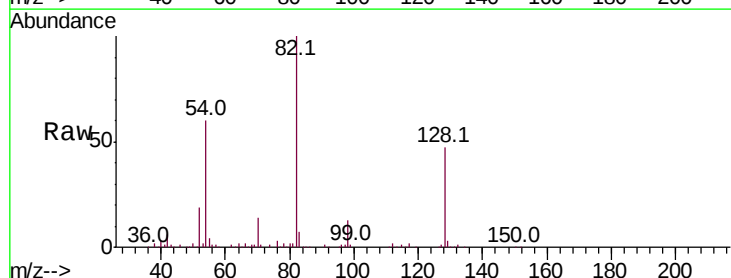
Instrument :
 BNA_F
 ClientSampled :

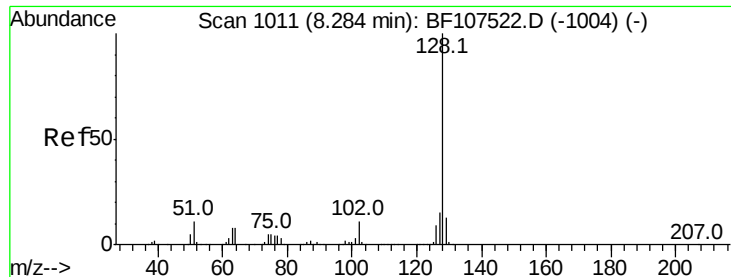
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.1	54.1
54	59.9	41.4	62.2



#25
 Isophorone
 Concen: 11.586 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.26 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

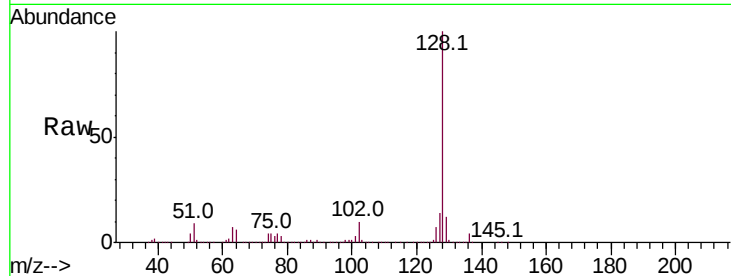




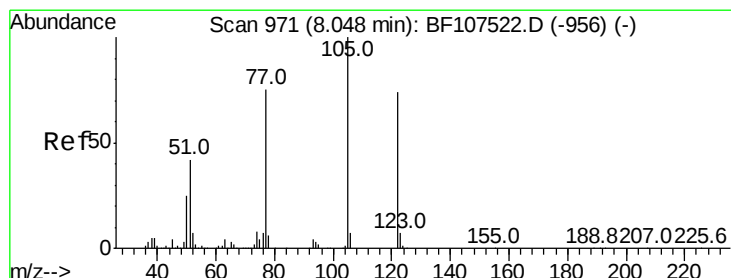
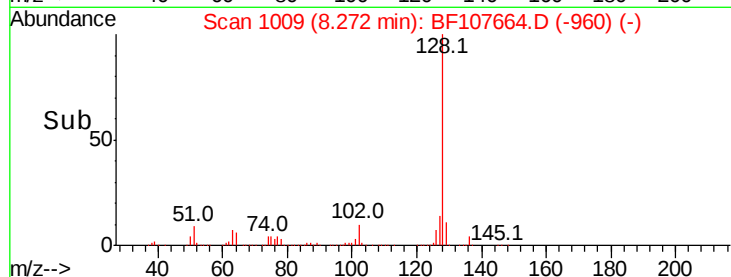
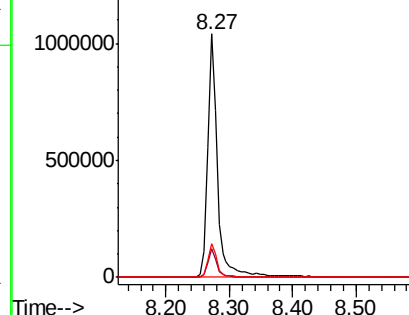
#31
Naphthalene
Concen: 31.402 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1113206
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 13.9 10.9 16.3

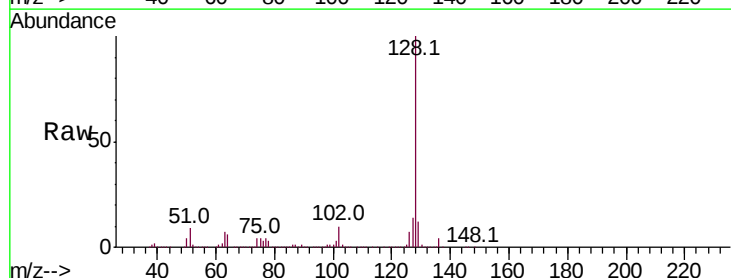


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

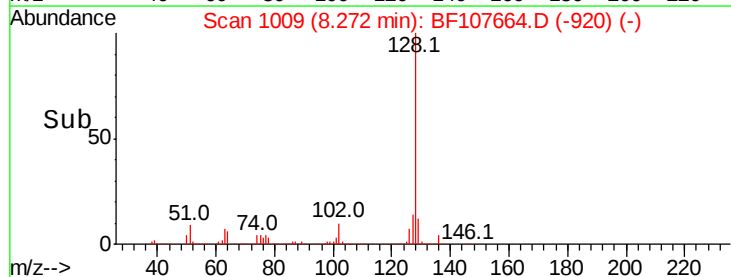
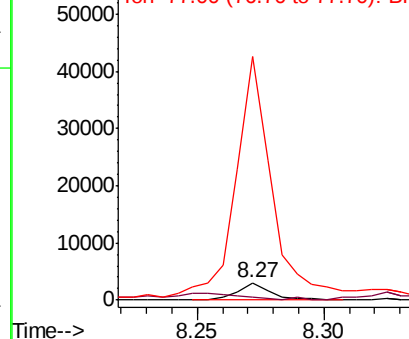


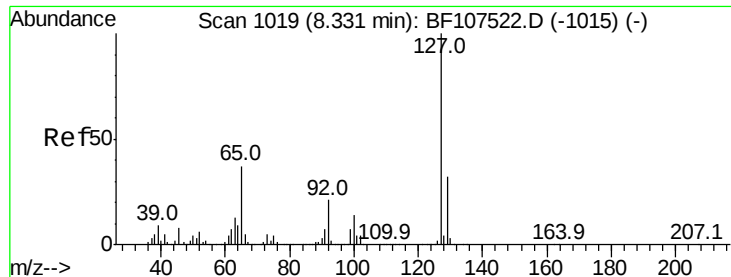
#32
Benzoic acid
Concen: 8.217 ng
RT: 8.27 min Scan# 1009
Delta R.T. 0.22 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:122 Resp: 2900
Ion Ratio Lower Upper
122 100
105 20.1 101.1 141.1#
77 1387.4 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

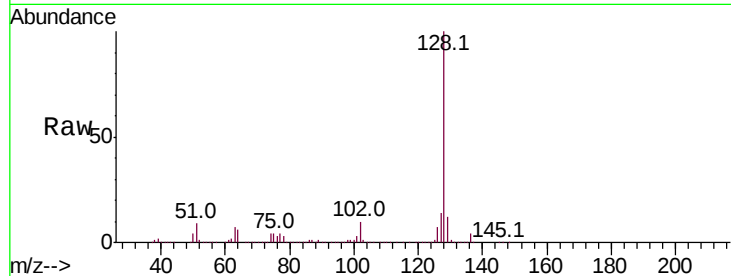




#33
4-Chloroaniline
Concen: 9.506 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.06 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.9	38.9#
65	0.0	25.0	37.4#
92	0.0	15.2	22.8#



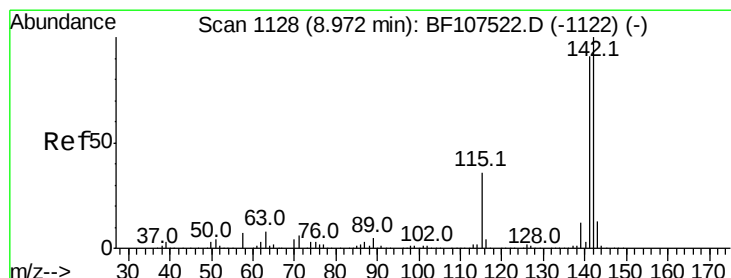
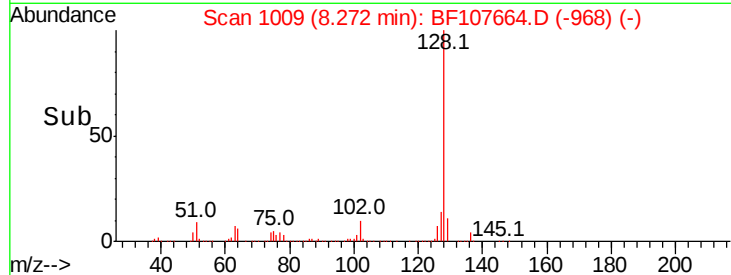
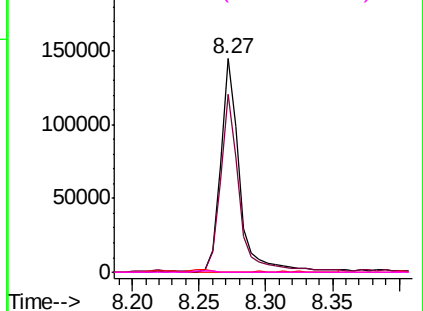
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

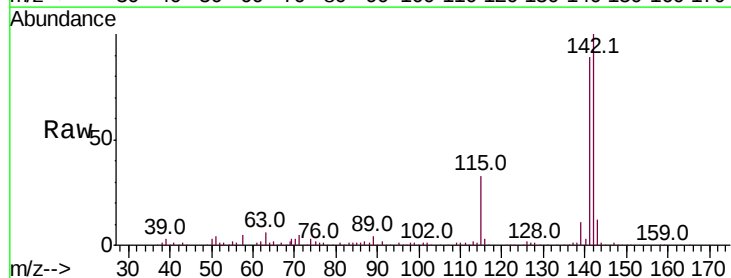
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#37
2-Methylnaphthalene
Concen: 10.647 ng
RT: 8.97 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	70.8	106.2
115	32.6	26.1	39.1

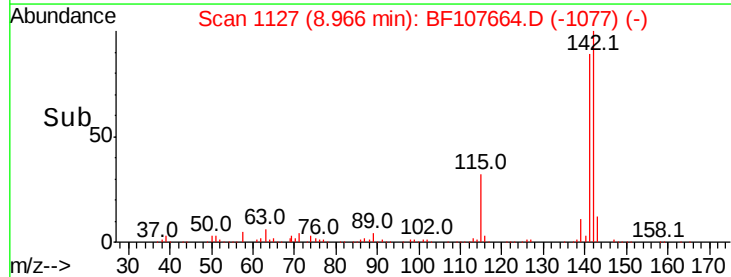
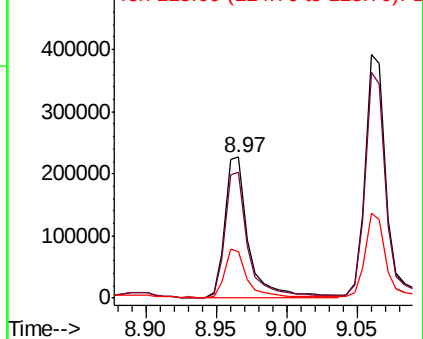


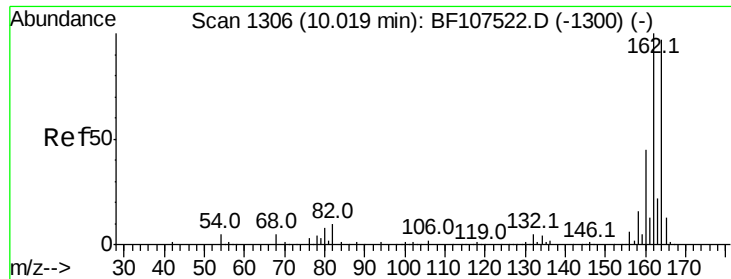
Abundance

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

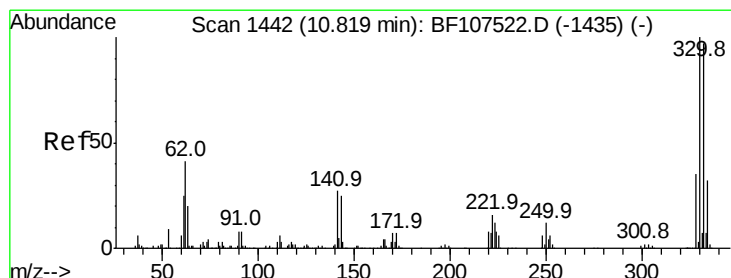
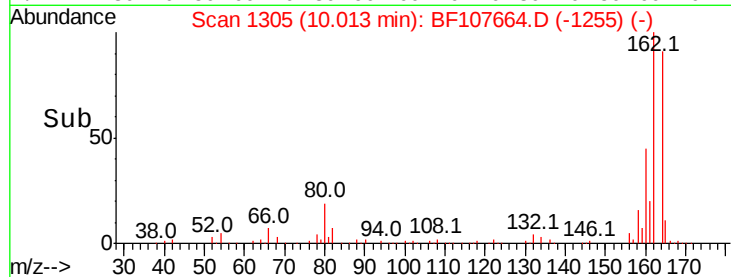
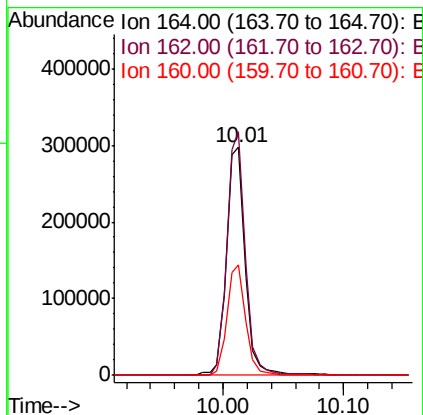
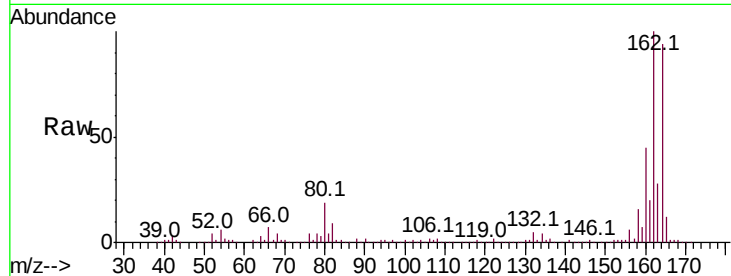




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

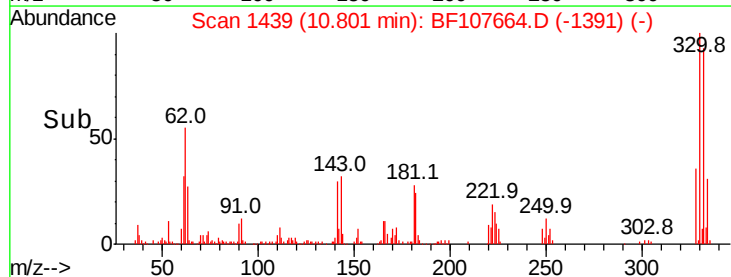
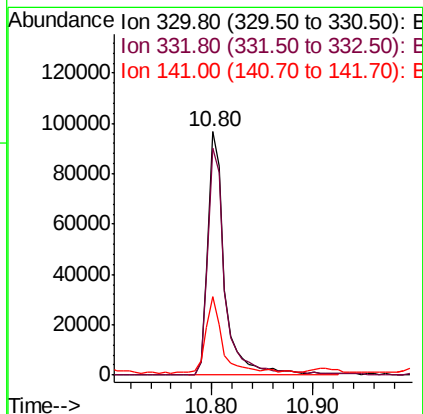
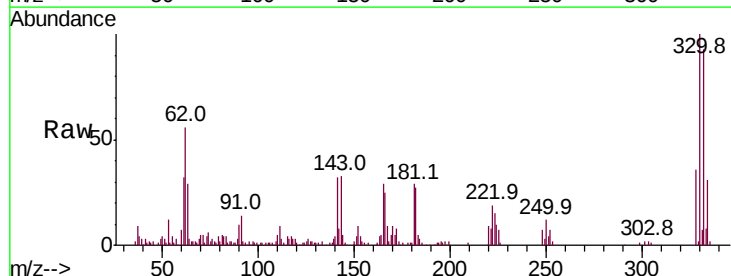
Instrument :
 BNA_F
 ClientSampleId :

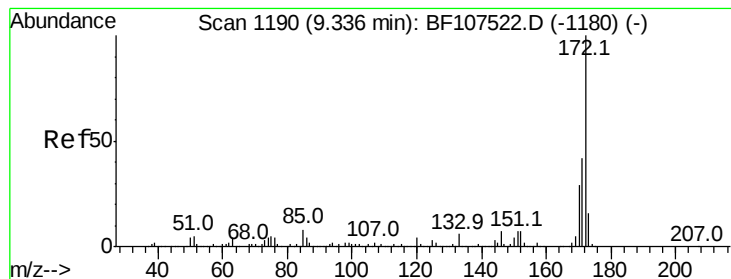
Tot Ion:164 Resp: 322870
 Ion Ratio Lower Upper
 164 100
 162 106.9 86.1 129.1
 160 48.4 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 30.661 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Tgt Ion:330 Resp: 112572
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.8 29.9 44.9#

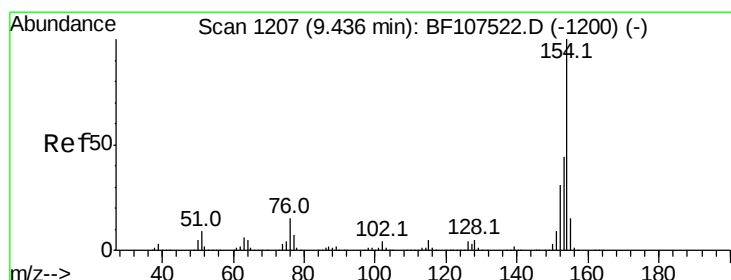
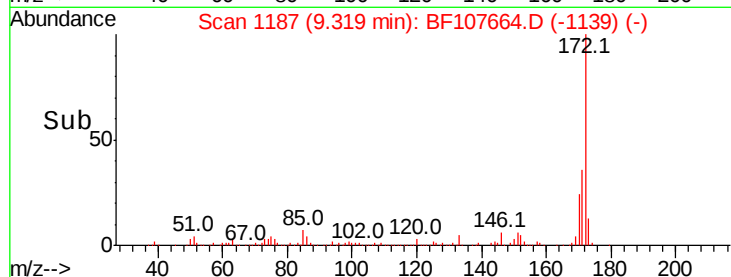
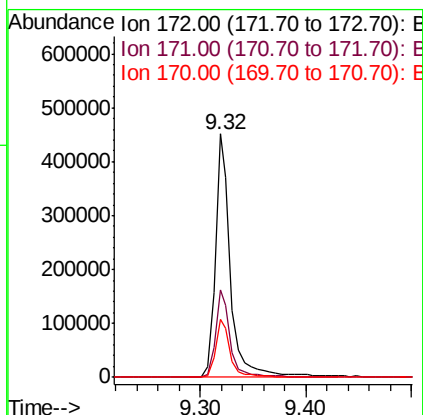
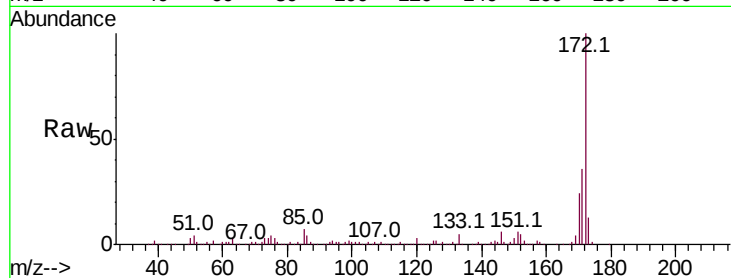




#44
 2-Fluorobiphenyl
 Concen: 17.323 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

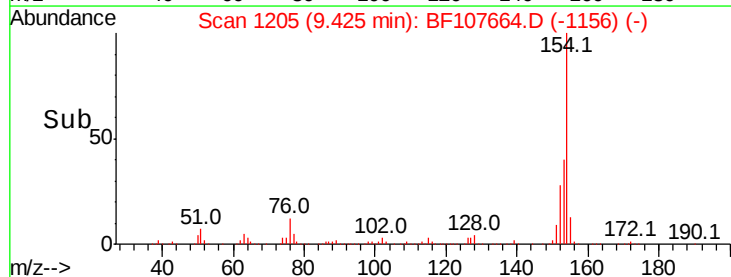
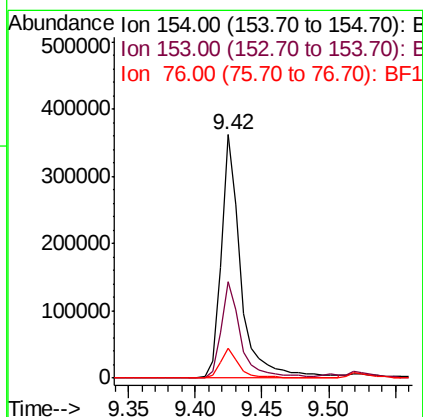
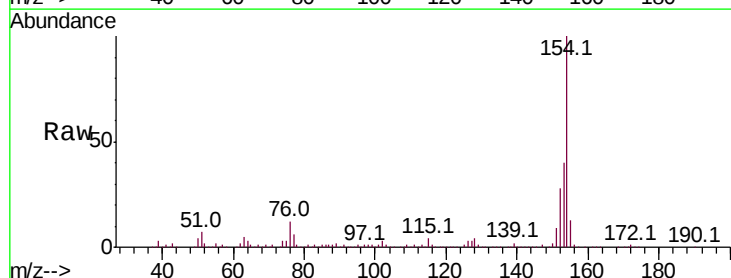
Instrument :
 BNA_F
 ClientSampleId :

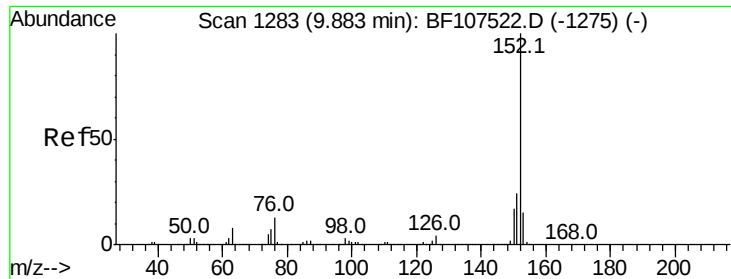
Tot Ion:172 Resp: 461491
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 23.7 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 13.449 ng
 RT: 9.42 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Tgt Ion:154 Resp: 378274
 Ion Ratio Lower Upper
 154 100
 153 39.8 21.3 61.3
 76 12.3 0.0 34.0

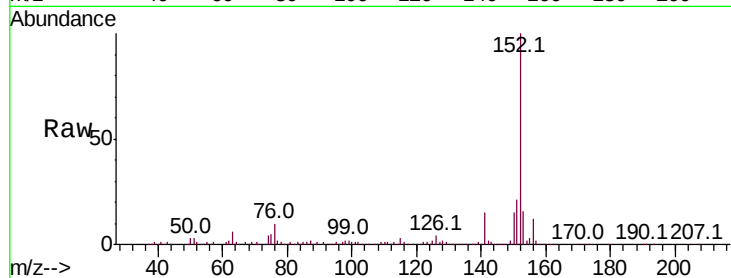




#48
Acenaphthylene
Concen: 8.731 ng
RT: 9.87 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.3	24.5
153	15.6	10.7	16.1

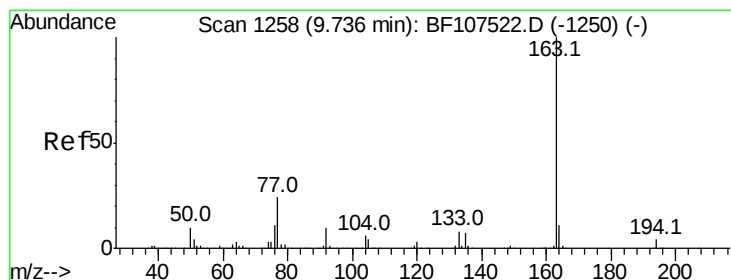
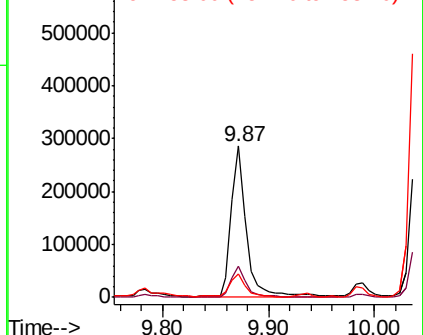
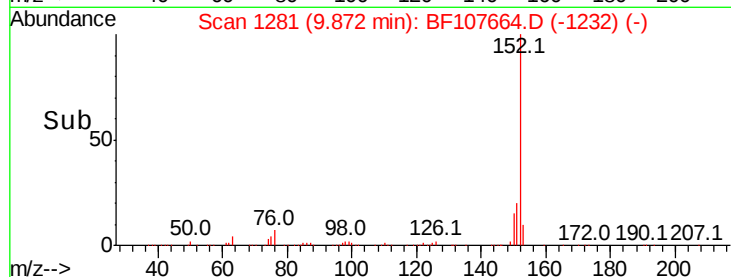


Abundance

Ion 152.00 (151.70 to 152.70): E

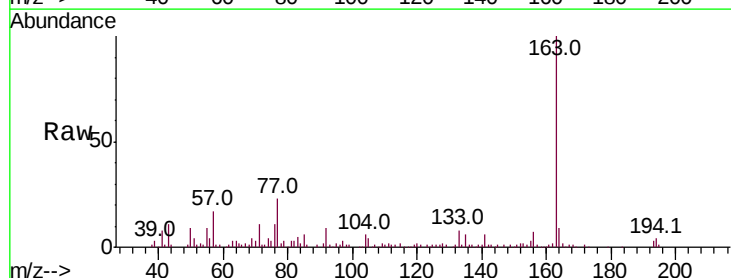
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49
Dimethylphthalate
Concen: 4.419 ng
RT: 9.71 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	2.7	4.1#
164	9.2	8.2	12.2

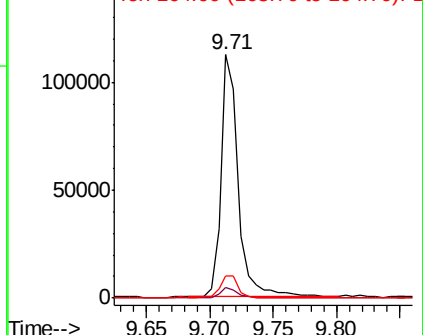
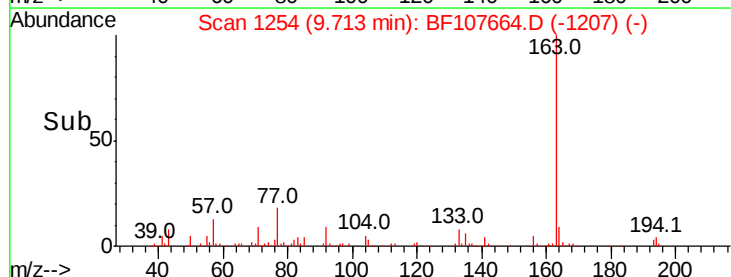


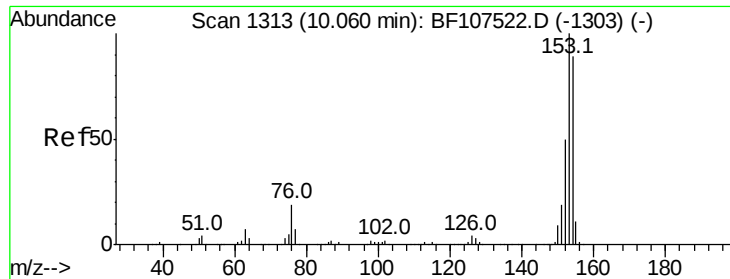
Abundance

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: 65.428 ng

RT: 10.05 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

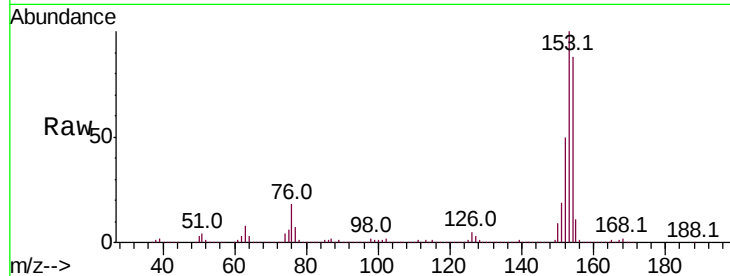
Tot Ion:154 Resp: 1323907

Ion Ratio Lower Upper

154 100

153 113.4 91.2 136.8

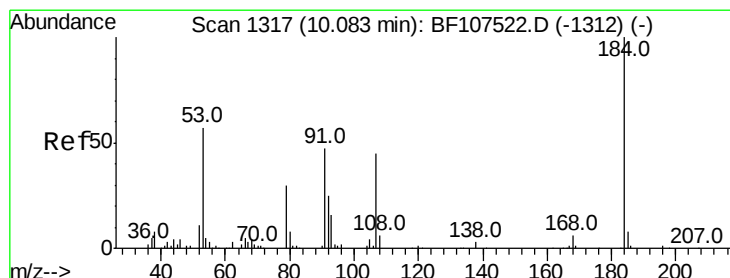
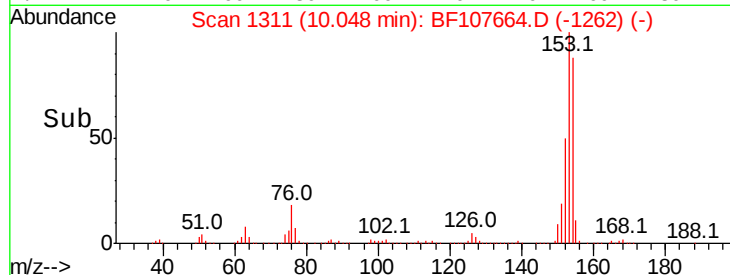
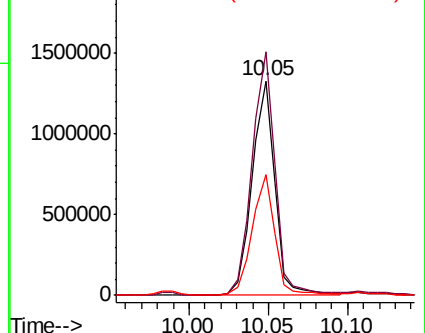
152 56.3 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#53

2,4-Dinitrophenol

Concen: 8.772 ng

RT: 10.31 min Scan# 1356

Delta R.T. 0.23 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

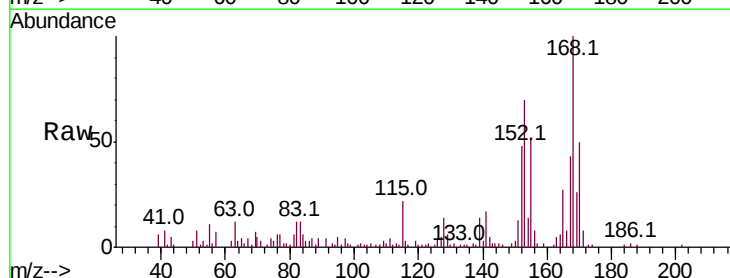
Tgt Ion:184 Resp: 810

Ion Ratio Lower Upper

184 100

63 919.4 54.2 81.2#

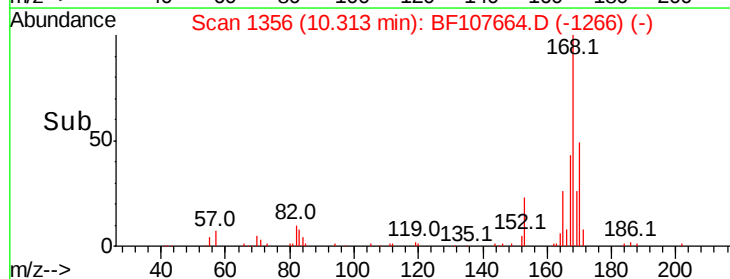
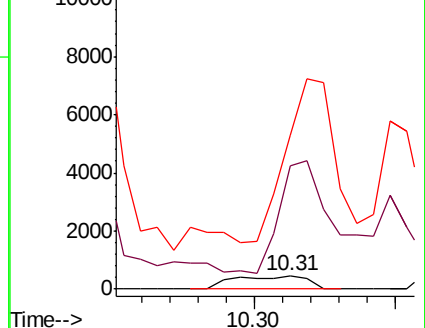
154 1149.2 184.0 276.0#

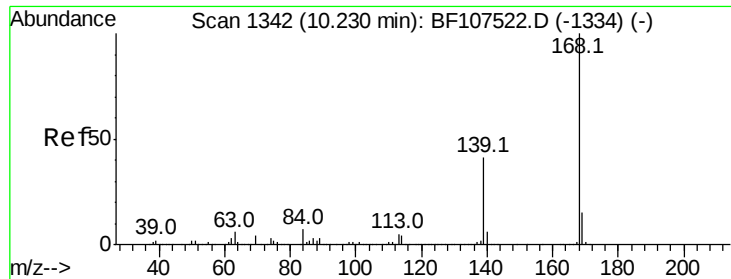


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.138 ng

RT: 10.21 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_F

ClientSampled :

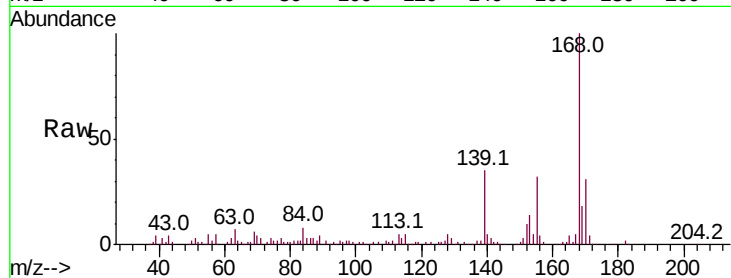
Tot Ion:168 Resp: 123280

Ion Ratio Lower Upper

168 100

139 35.1 30.1 45.1

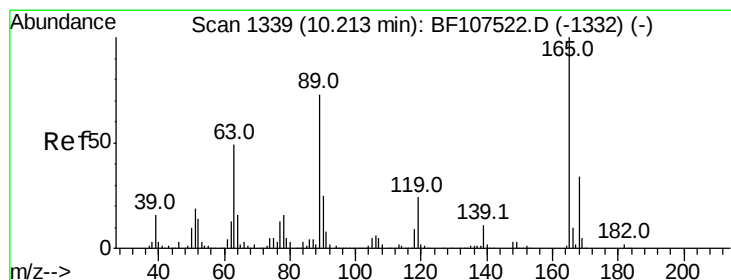
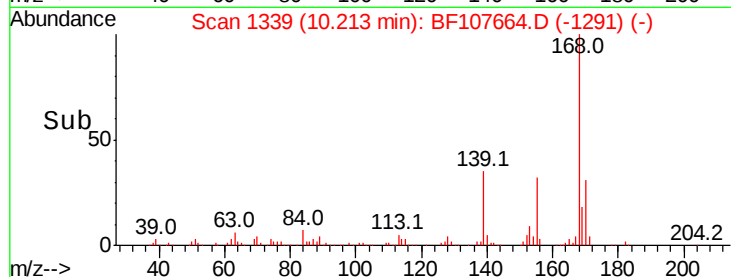
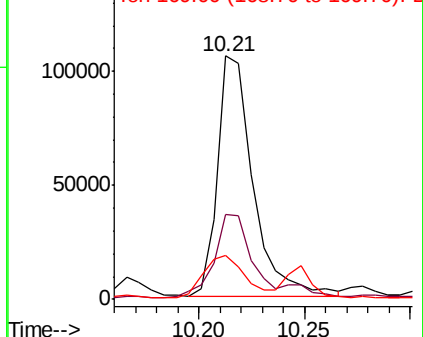
169 18.1 10.9 16.3#



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



#56

2,4-Dinitrotoluene

Concen: 2.045 ng

RT: 10.32 min Scan# 1357

Delta R.T. 0.11 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Tgt Ion:165 Resp: 11928

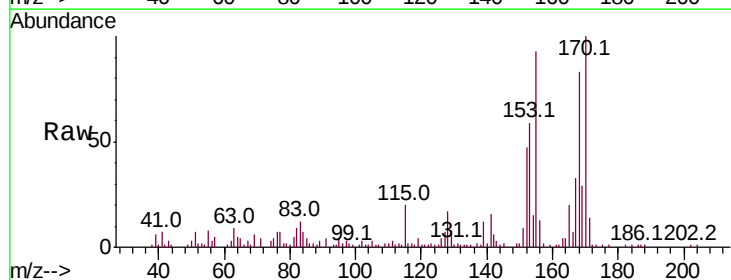
Ion Ratio Lower Upper

165 100

63 43.7 36.4 54.6

89 17.0 57.8 86.6#

182 6.3 1.6 2.4#

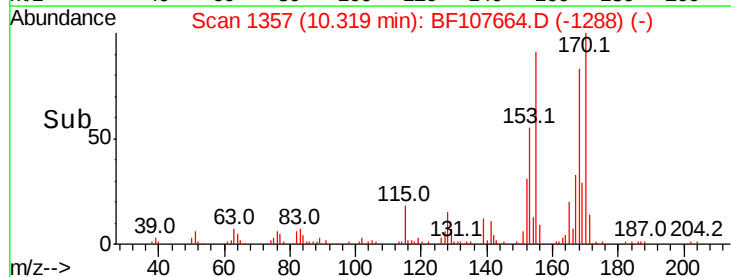
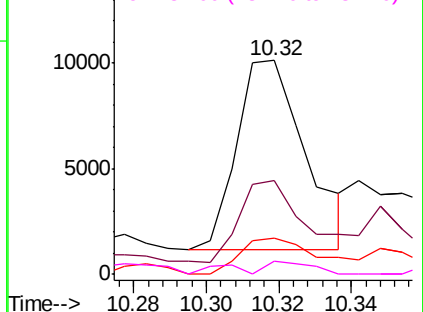


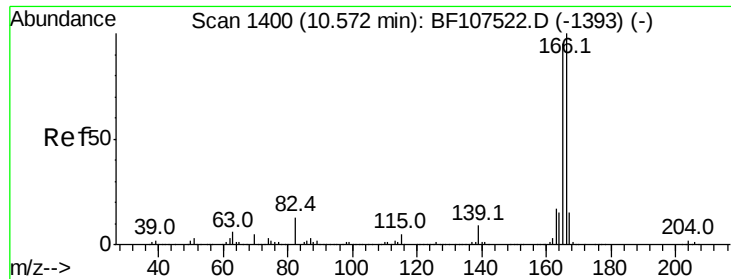
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

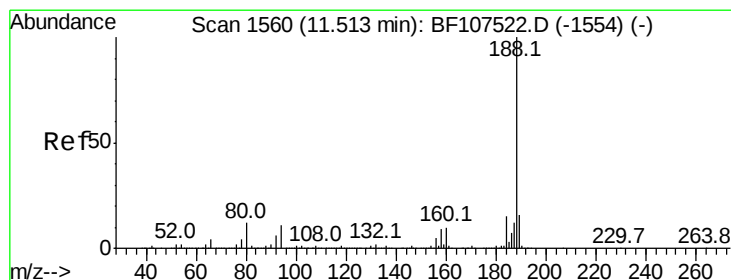
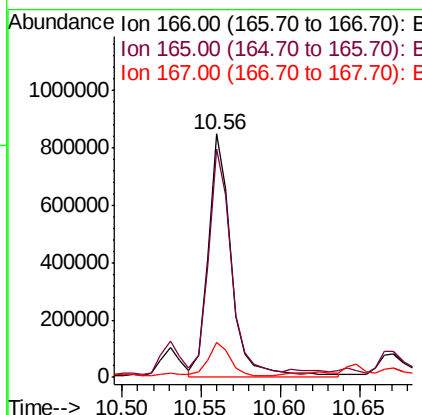
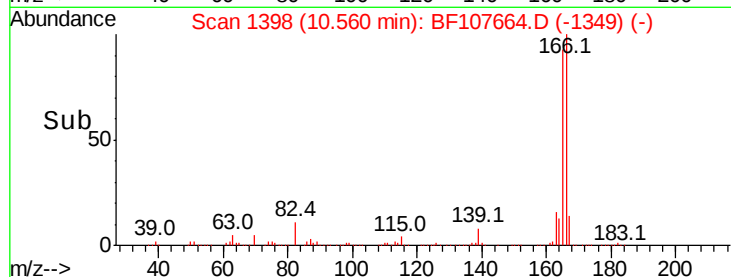
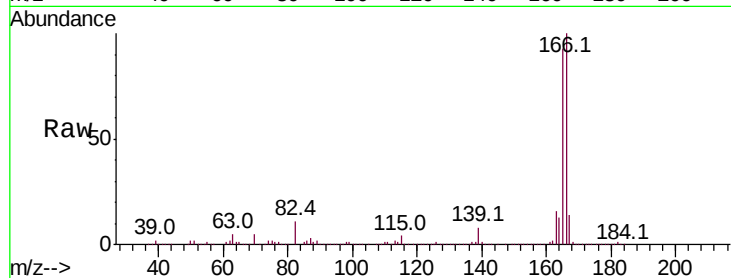




#57
 Fluorene
 Concen: 40.572 ng
 RT: 10.56 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

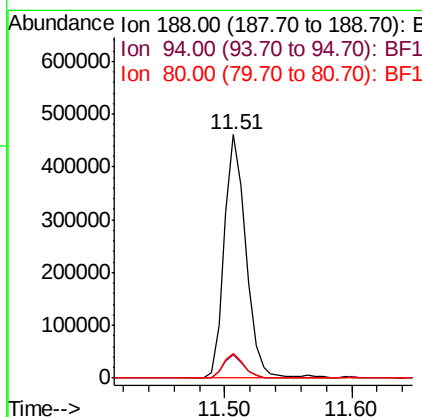
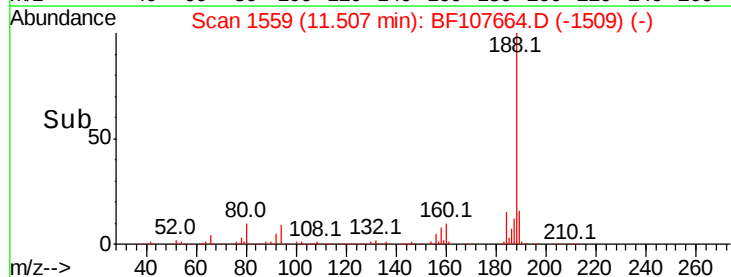
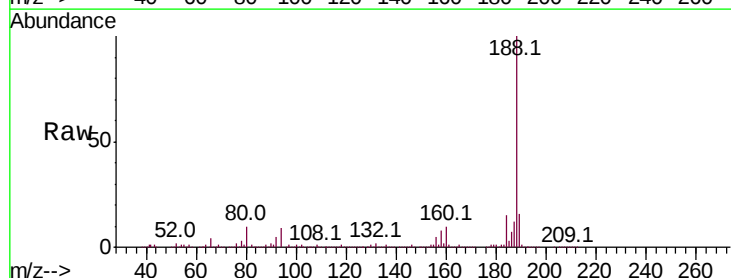
Instrument :
 BNA_F
 ClientSampled :

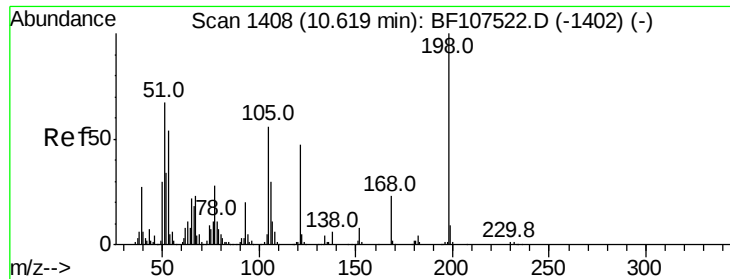
Tot Ion:166 Resp: 862245
 Ion Ratio Lower Upper
 166 100
 165 93.5 79.8 119.8
 167 14.3 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Tgt Ion:188 Resp: 547621
 Ion Ratio Lower Upper
 188 100
 94 9.5 8.5 12.7
 80 10.0 9.2 13.8

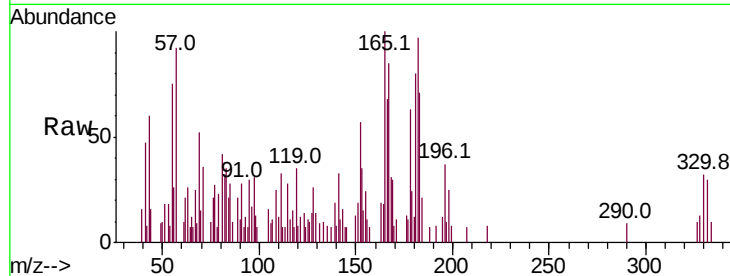




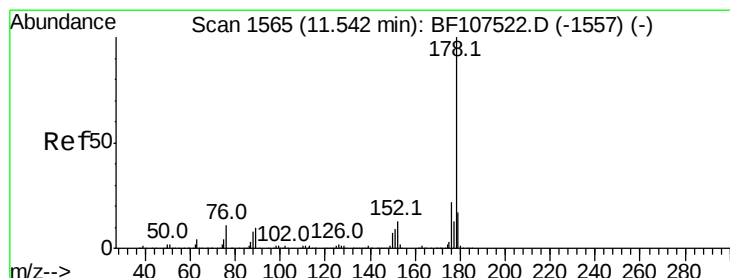
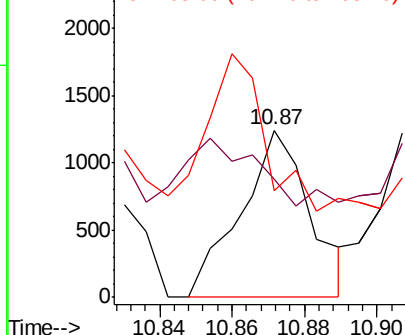
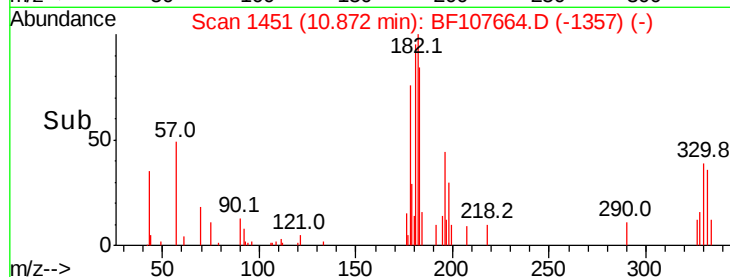
#64
4,6-Dinitro-2-methylphenol
Concen: 9.191 ng
RT: 10.87 min Scan# 1451
Delta R.T. 0.25 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 1646
Ion Ratio Lower Upper
198 100
51 70.5 37.7 77.7
105 64.0 36.3 76.3

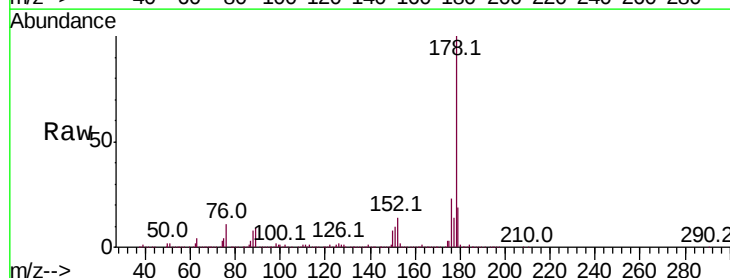


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

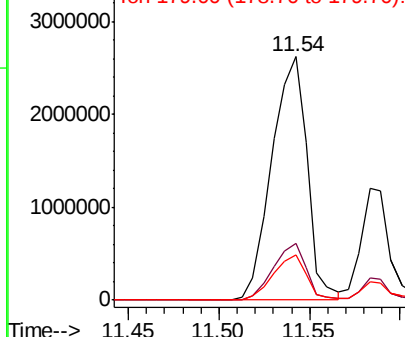
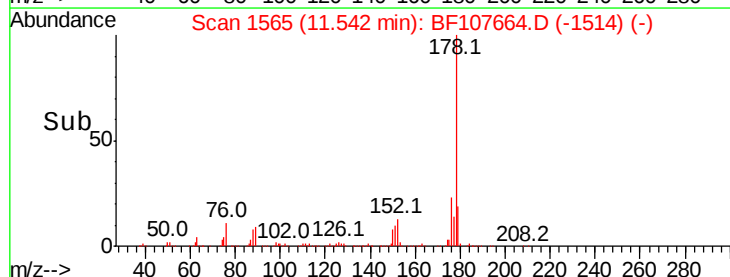


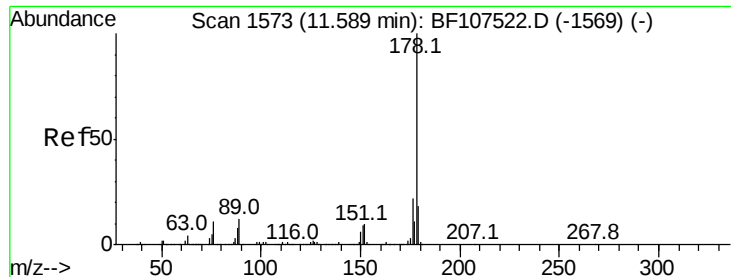
#70
Phenanthrene
Concen: 133.010 ng
RT: 11.54 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:178 Resp: 3549459
Ion Ratio Lower Upper
178 100
176 23.5 15.8 23.8
179 18.8 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

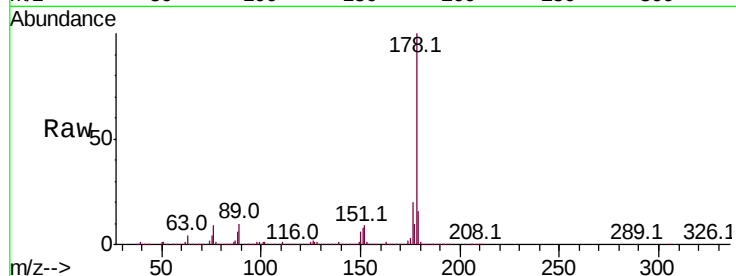




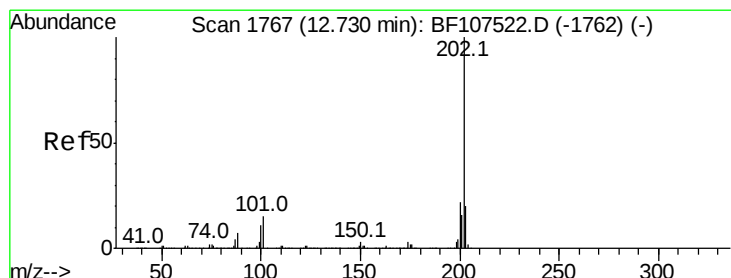
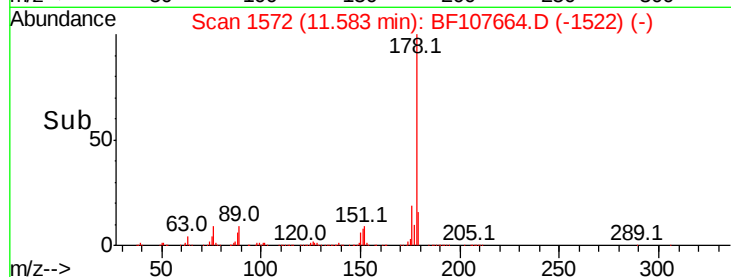
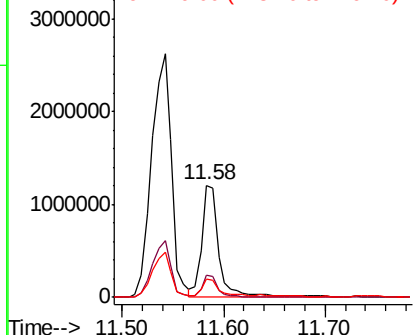
#71
 Anthracene
 Concen: 52.100 ng
 RT: 11.58 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1399861
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.4 23.2
 179 16.3 12.6 19.0

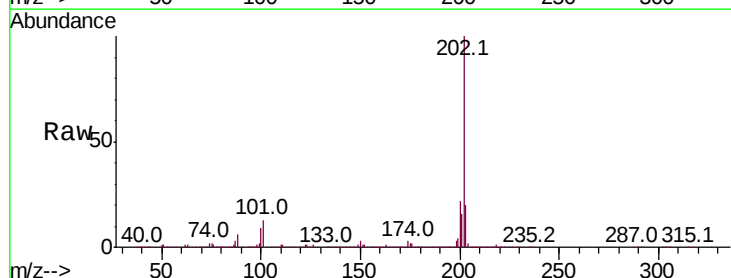


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

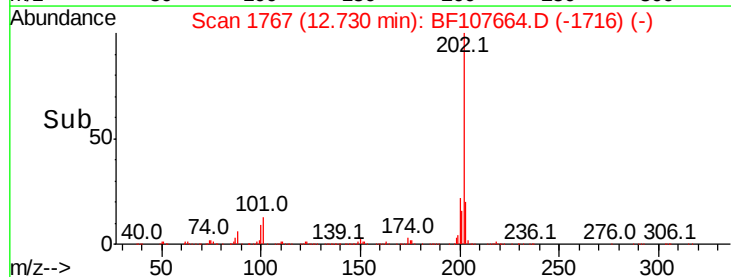
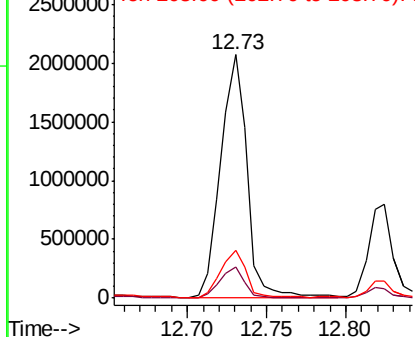


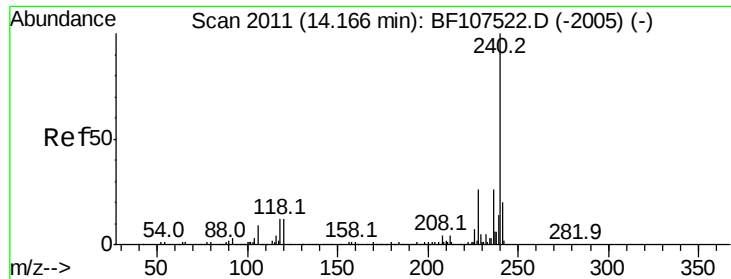
#74
 Fluoranthene
 Concen: 83.507 ng
 RT: 12.73 min Scan# 1767
 Delta R.T. 0.00 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Tgt Ion:202 Resp: 2391304
 Ion Ratio Lower Upper
 202 100
 101 12.6 0.0 34.1
 203 19.7 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

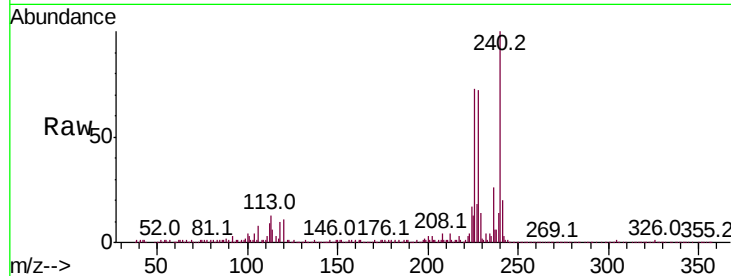
Tot Ion:240 Resp: 404468

Ion Ratio Lower Upper

240 100

120 10.9 9.5 14.3

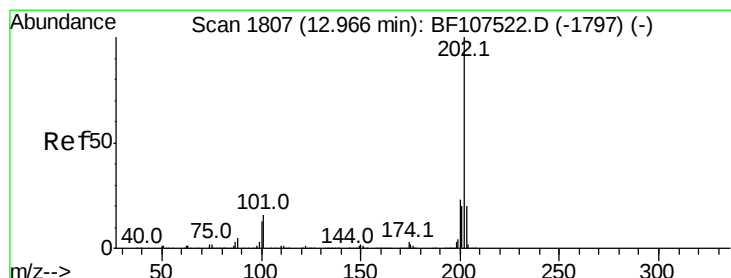
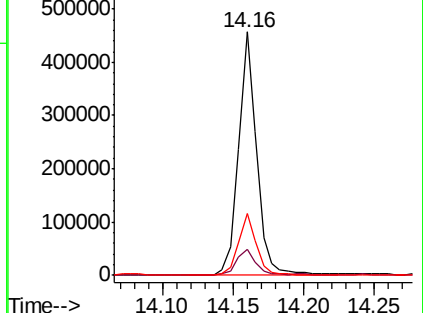
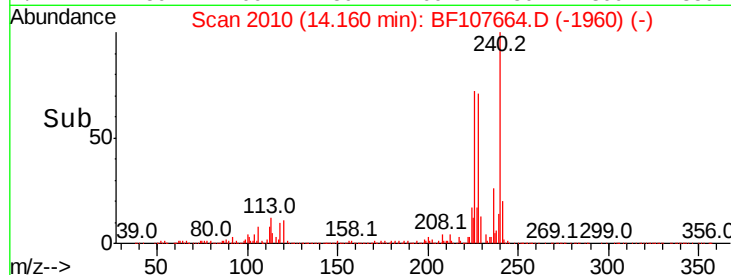
236 25.7 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 109.104 ng

RT: 12.97 min Scan# 1807

Delta R.T. -0.00 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

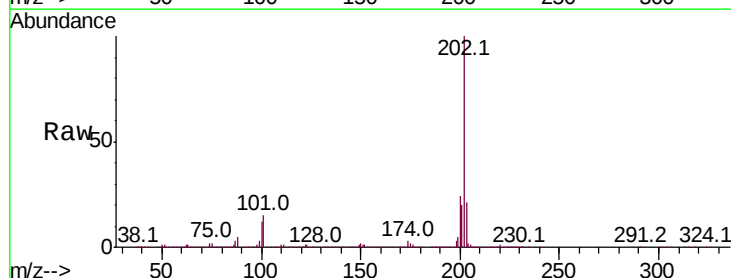
Tgt Ion:202 Resp: 3018469

Ion Ratio Lower Upper

202 100

200 23.7 17.4 26.2

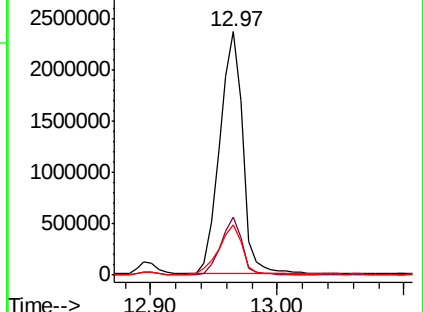
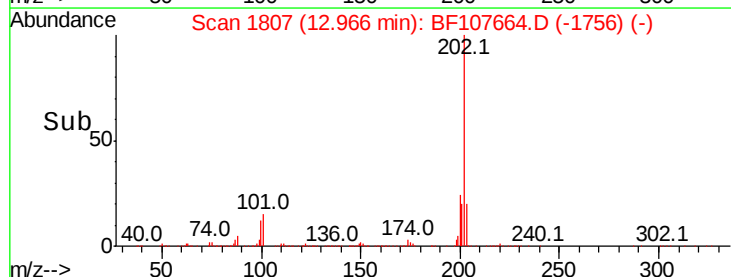
203 20.6 14.3 21.5

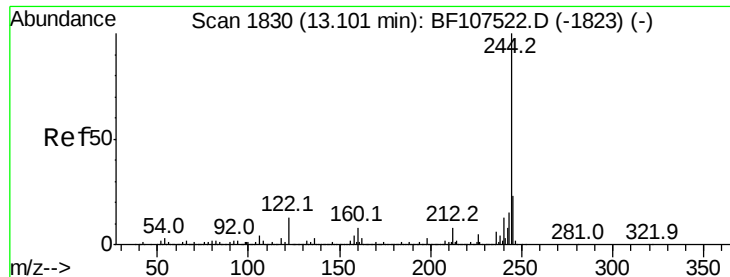


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 23.804 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_F

ClientSampleId :

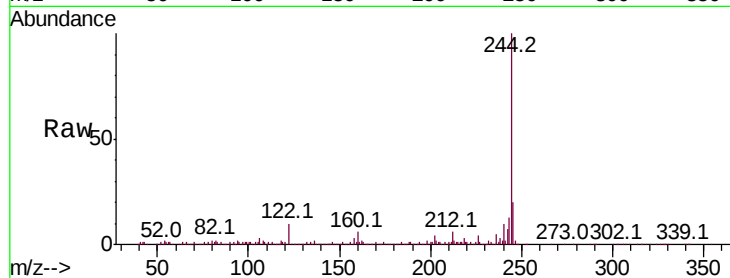
Tot Ion:244 Resp: 376076

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

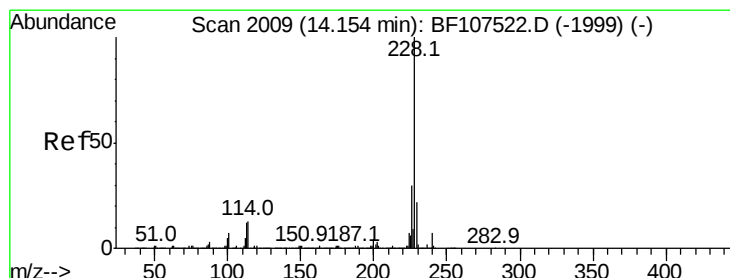
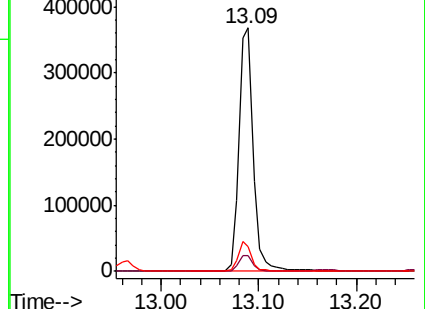
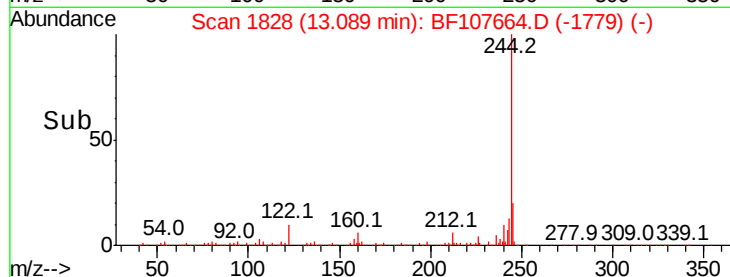
122 10.2 11.0 16.4#



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: 42.818 ng

RT: 14.18 min Scan# 2014

Delta R.T. 0.03 min

Lab File: BF107664.D

Acq: 25 Jul 2018 18:28

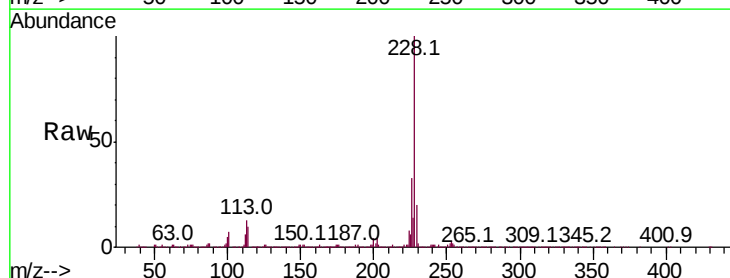
Tgt Ion:228 Resp: 1014891

Ion Ratio Lower Upper

228 100

226 32.7 22.6 33.8

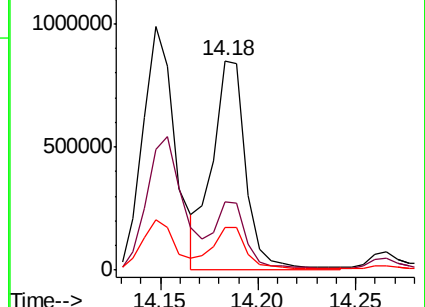
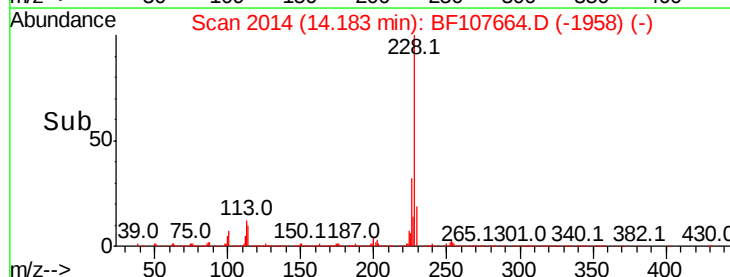
229 20.3 15.8 23.6

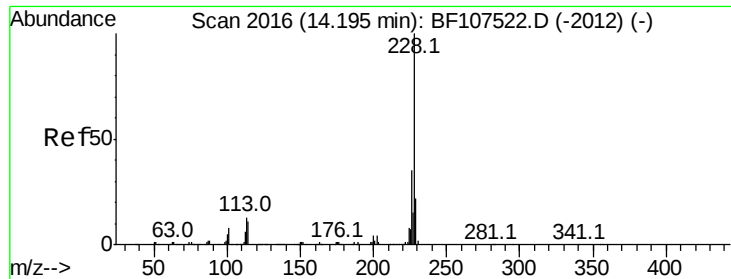


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

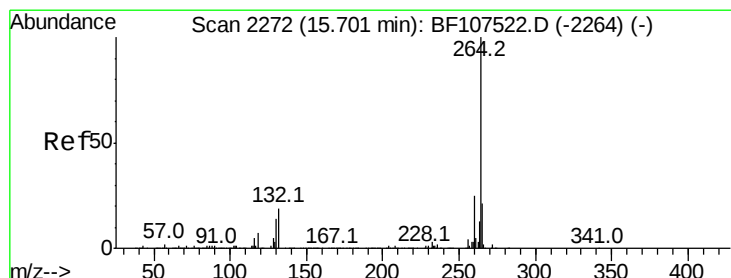
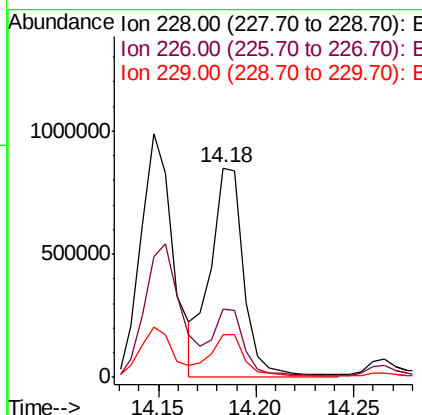
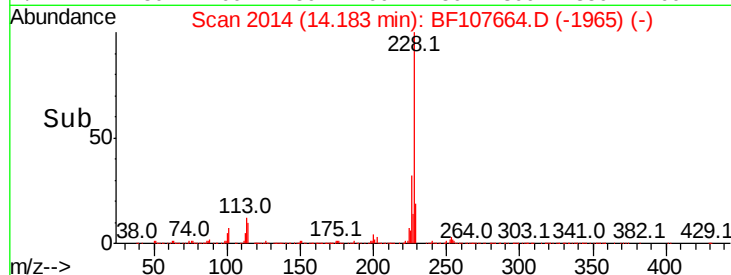
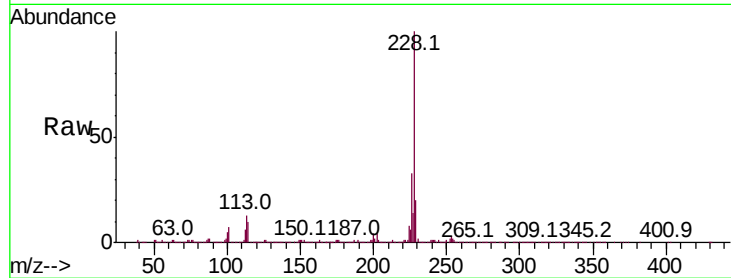




#82
Chrysene
Concen: 44.574 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

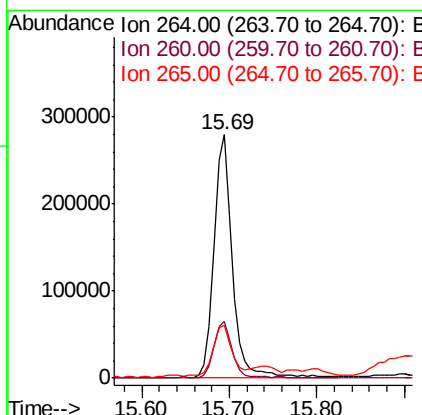
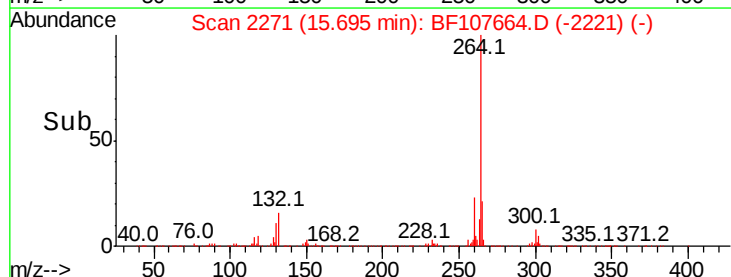
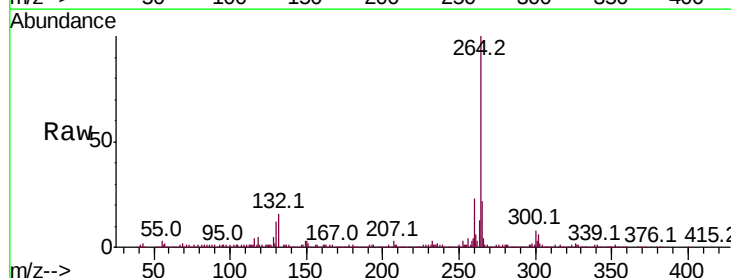
Instrument :
BNA_F
ClientSampleId :

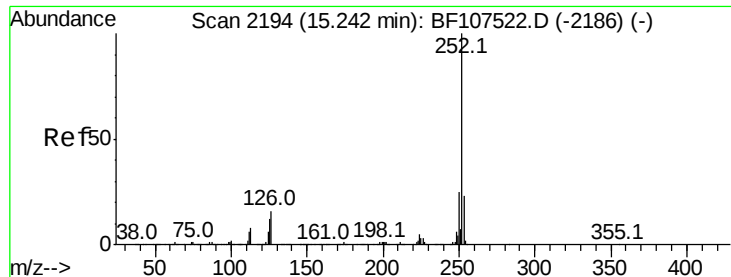
Tot Ion:228 Resp: 1014891
Ion Ratio Lower Upper
228 100
226 32.7 25.0 37.6
229 20.3 16.2 24.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:264 Resp: 405168
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.8 17.5 26.3

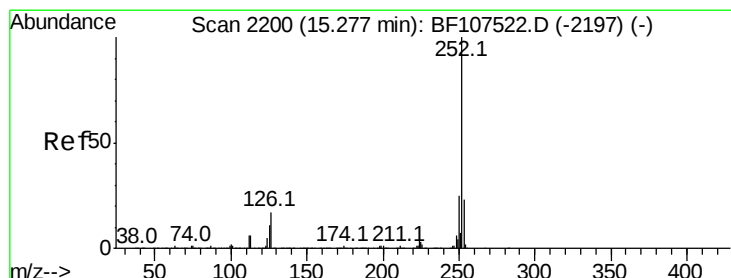
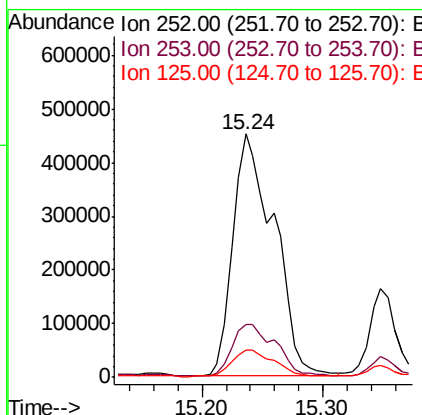
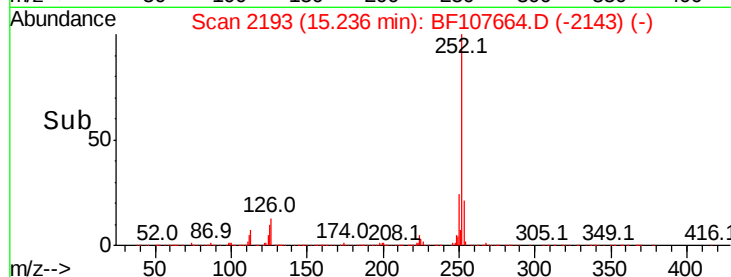
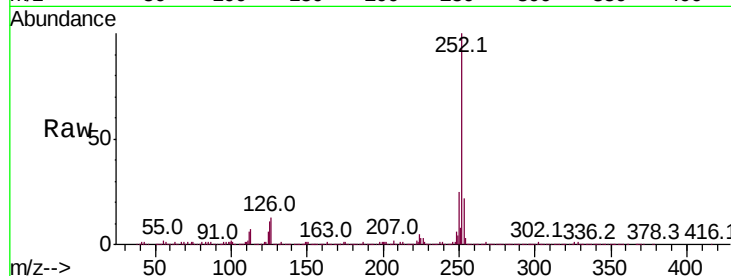




#87
Benzo(b)fluoranthene
Concen: 48.477 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

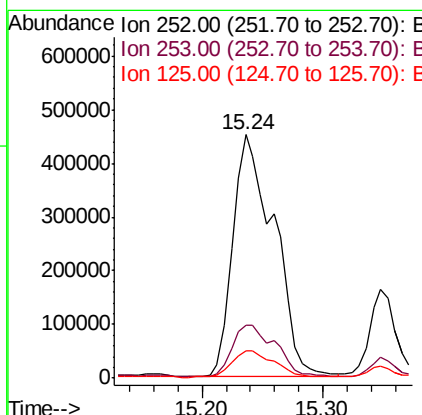
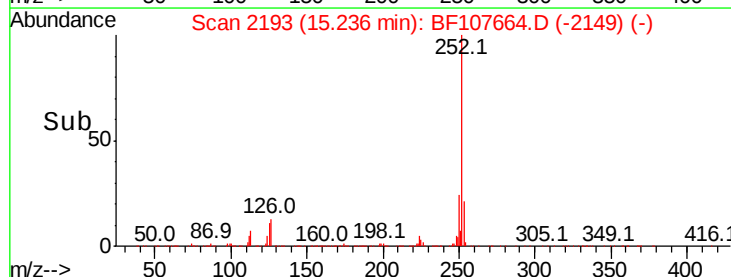
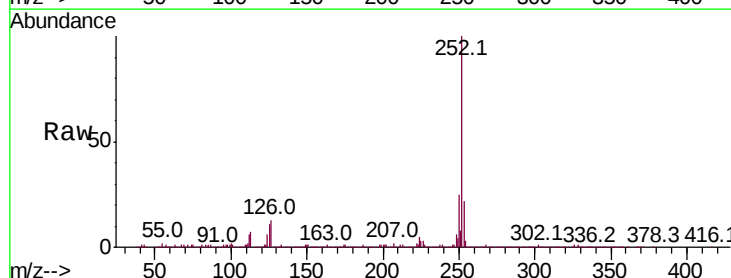
Instrument :
BNA_F
ClientSampleId :

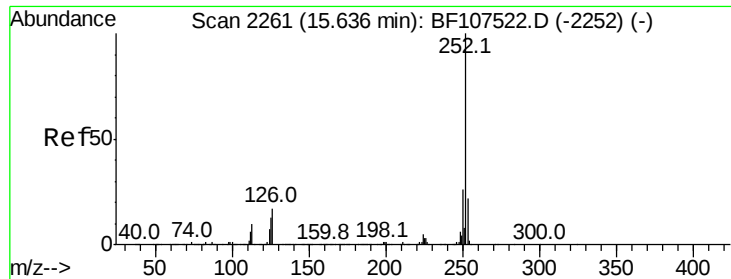
Tot Ion:252 Resp: 1074938
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.6
125 11.1 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 49.480 ng
RT: 15.24 min Scan# 2193
Delta R.T. -0.04 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion:252 Resp: 1074938
Ion Ratio Lower Upper
252 100
253 21.7 17.9 26.9
125 11.1 10.2 15.2

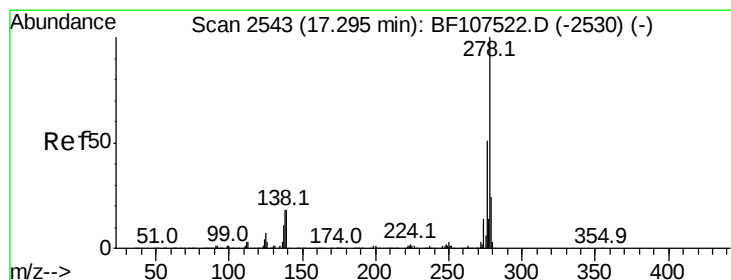
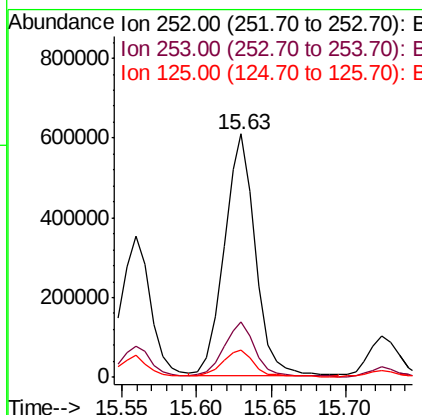
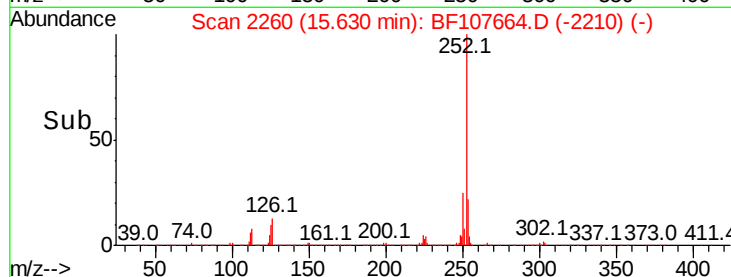
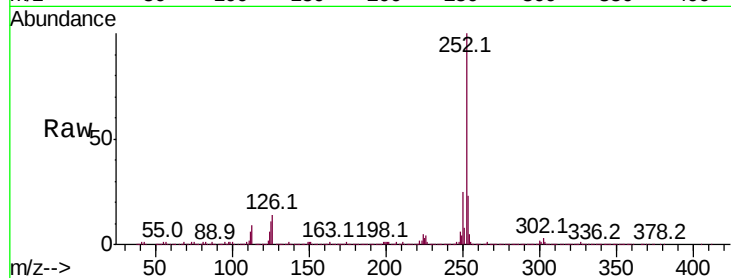




#89
Benzo(a)pyrene
Concen: 43.930 ng
RT: 15.63 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

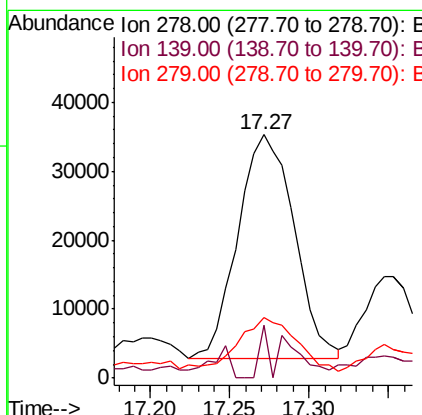
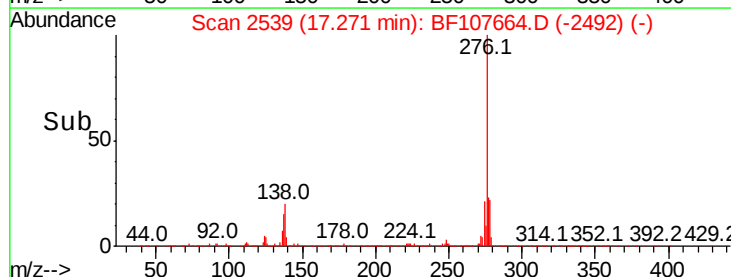
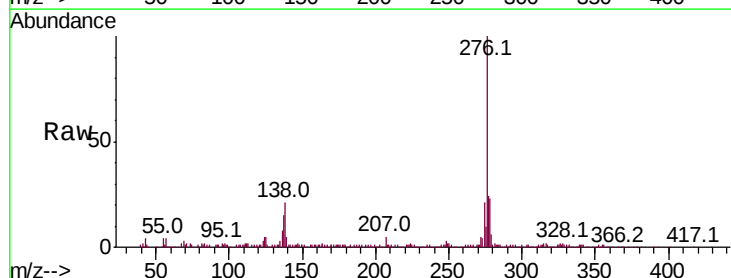
Instrument :
BNA_F
ClientSampleId :

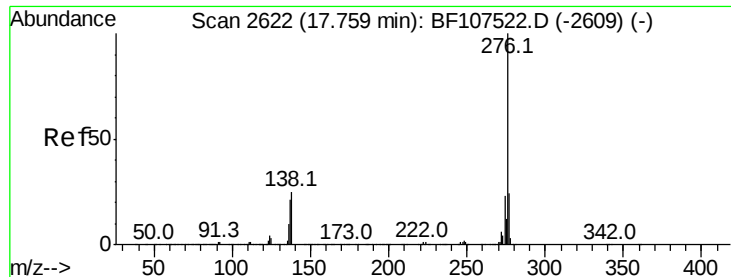
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.1	25.7
125	11.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 4.567 ng
RT: 17.27 min Scan# 2539
Delta R.T. -0.02 min
Lab File: BF107664.D
Acq: 25 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	15.9	23.9
279	24.7	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 21.992 ng
 RT: 17.75 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF107664.D
 Acq: 25 Jul 2018 18:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	22.3	21.8	32.8

