

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042318\
 Data File : BF104749.D
 Acq On : 24 Apr 2018 10:56
 Operator : JU/SJ
 Sample : J2497-09 10X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 11:43:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 23 15:38:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	90601	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	345461	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	145480	20.00	ng	0.00
63) Phenanthrene-d10	11.35	188	242268	20.00	ng	0.01
75) Chrysene-d12	14.00	240	149093	20.00	ng	0.02
86) Perylene-d12	15.48	264	124240	20.00	ng	0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	10819	1.83	ng	0.02
7) Phenol-d6	6.45	99	14336	1.97	ng	0.00
23) Nitrobenzene-d5	7.37	82	7238	1.37	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	2553	1.69	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	18394	2.00	ng	0.00
78) Terphenyl-d14	12.93	244	19698	3.01	ng	0.00

Target Compounds

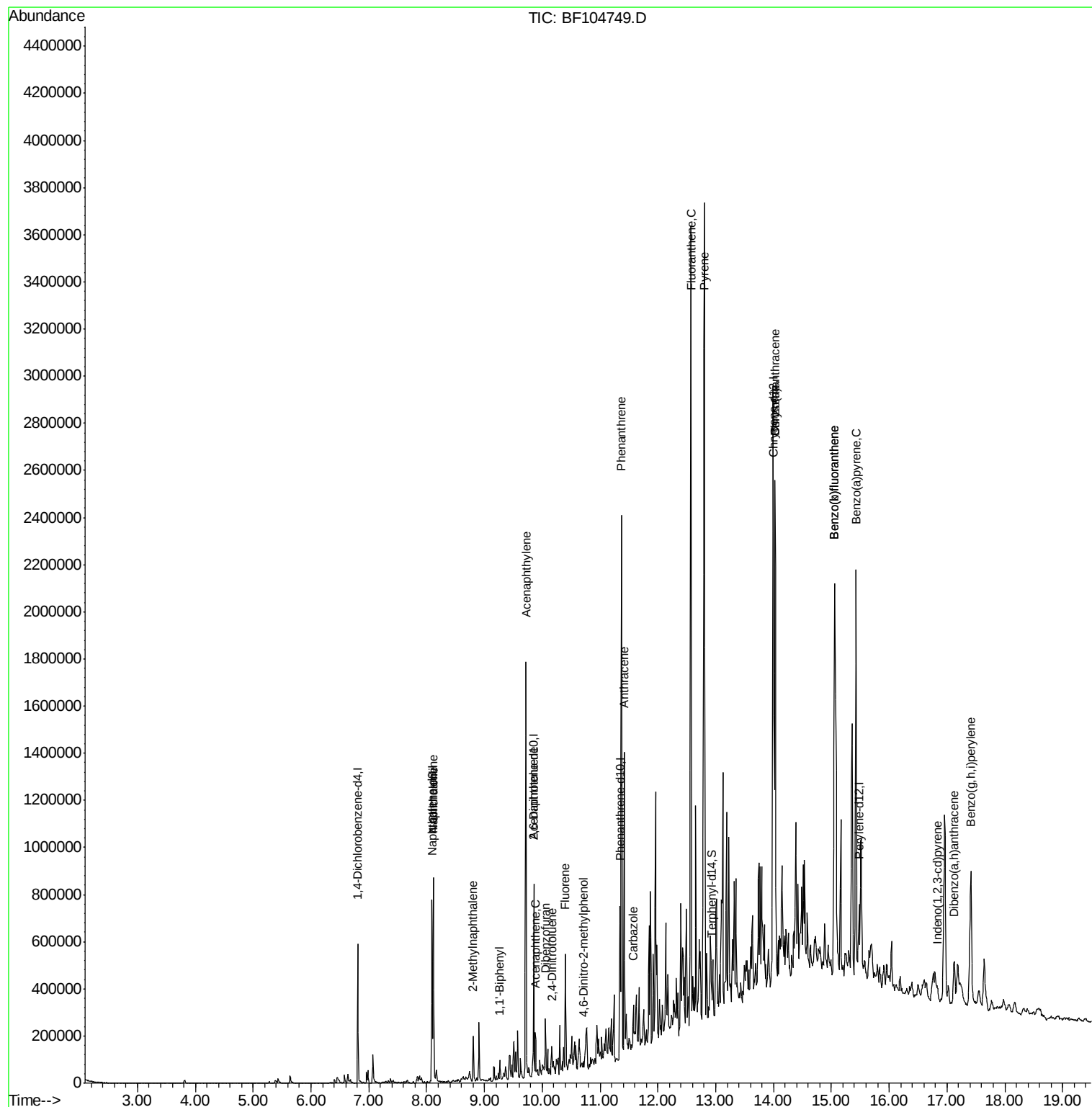
						Qvalue
9) Benzaldehyde	6.36	77	605	Below Cal	#	1
31) Naphthalene	8.12	128	354218	20.592 ng		99
33) 4-Chloroaniline	8.12	127	46176	6.266 ng	#	32
37) 2-Methylnaphthalene	8.80	142	58174	5.228 ng		98
45) 1,1'-Biphenyl	9.27	154	26703	2.185 ng		99
48) Acenaphthylene	9.72	152	748355	49.410 ng		99
50) 2,6-Dinitrotoluene	9.85	165	21604	10.177 ng	#	26
51) Acenaphthene	9.88	154	35959	3.891 ng		97
54) Dibenzofuran	10.06	168	81198	6.305 ng		97
56) 2,4-Dinitrotoluene	10.16	165	6239	2.241 ng	#	50
57) Fluorene	10.40	166	141960	15.144 ng		100
64) 4,6-Dinitro-2-methylphenol	10.72	198	110	7.426 ng	#	1
70) Phenanthrene	11.37	178	832575	61.710 ng		99
71) Anthracene	11.42	178	476834	34.769 ng		99
72) Carbazole	11.57	167	49248	3.675 ng		98
74) Fluoranthene	12.57	202	1640822	116.401 ng		98
76) Benzidine	12.72	184	1064	Below Cal	#	1
77) Pyrene	12.80	202	1604045	145.146 ng		99
80) Benzo(a)anthracene	14.03	228	819519	92.009 ng		94
82) Chrysene	14.03	228	819519	89.576 ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	18493	2.380 ng		93
87) Benzo(b)fluoranthene	15.06	252	1477003	188.230 ng	#	95
88) Benzo(k)fluoranthene	15.06	252	1477003	199.378 ng		98
89) Benzo(a)pyrene	15.43	252	861930	122.766 ng		96
90) Dibenzo(a,h)anthracene	17.13	278	133573	23.164 ng		96
91) Benzo(g,h,i)perylene	17.42	276	523449	93.698 ng		95

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

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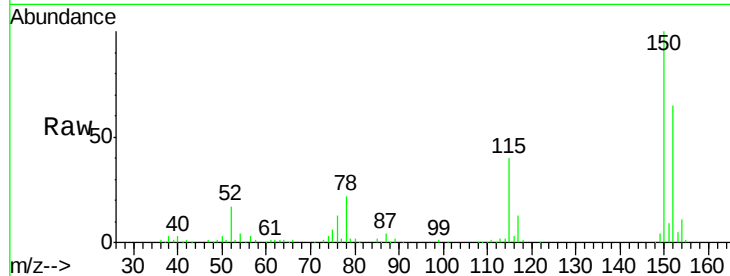


#1

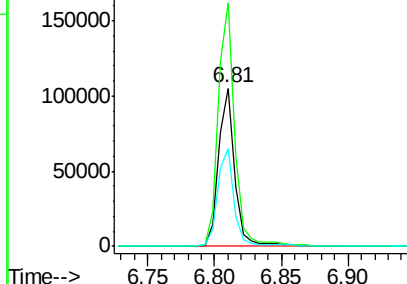
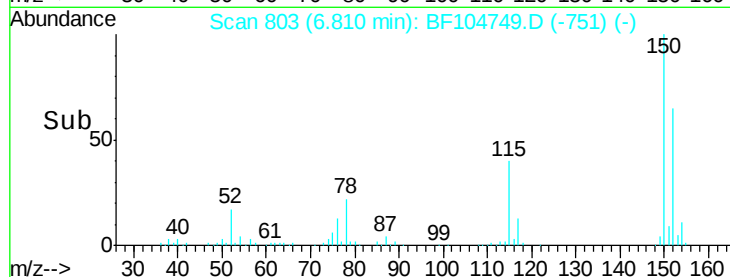
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90601
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 61.5 50.1 75.1



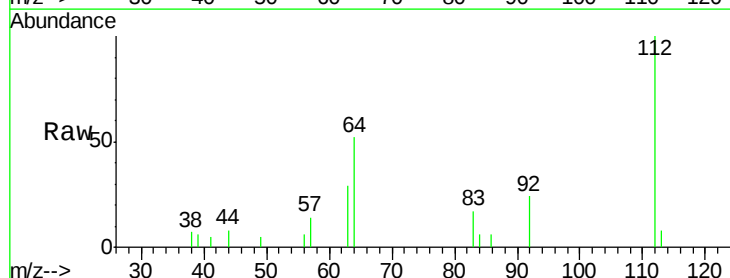
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



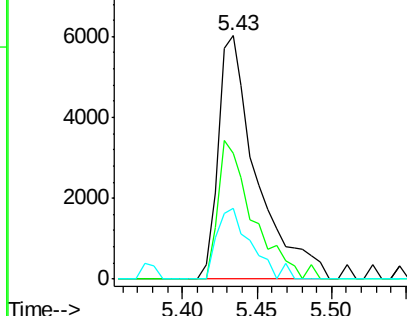
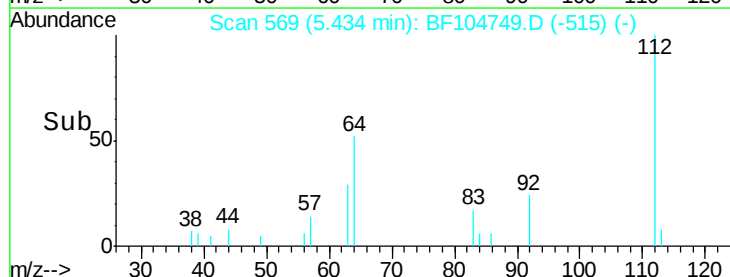
#5

2-Fluorophenol
Concen: 1.826 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:112 Resp: 10819
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 28.9 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: 1.969 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

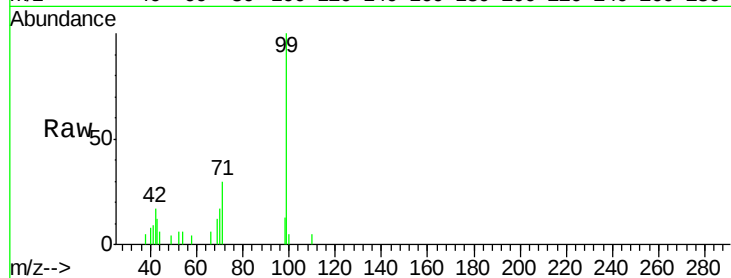
Tot Ion: 99 Resp: 14336

Ion Ratio Lower Upper

99 100

42 17.1 14.5 21.7

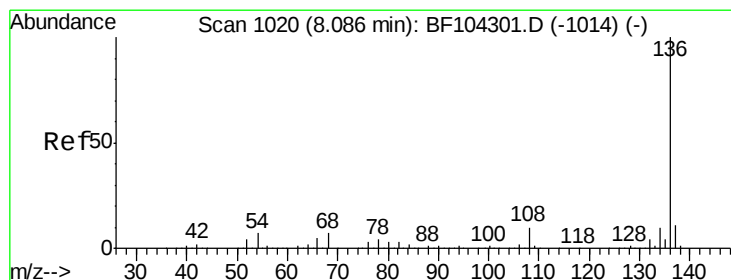
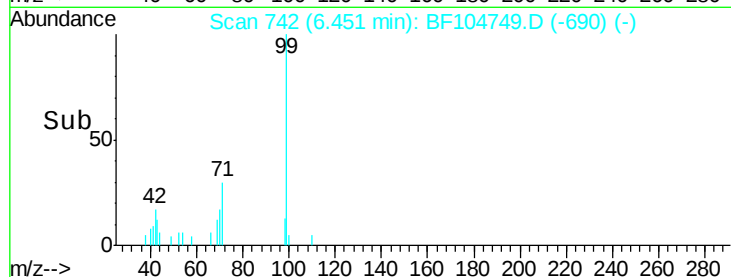
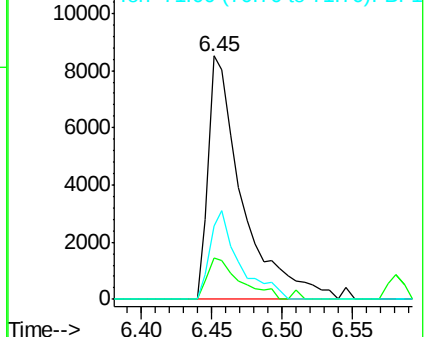
71 29.9 25.4 38.0



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: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Tgt Ion: 136 Resp: 345461

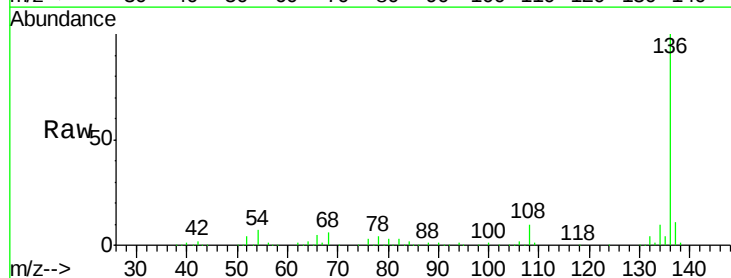
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.1 6.6 9.8

68 5.8 5.0 7.4

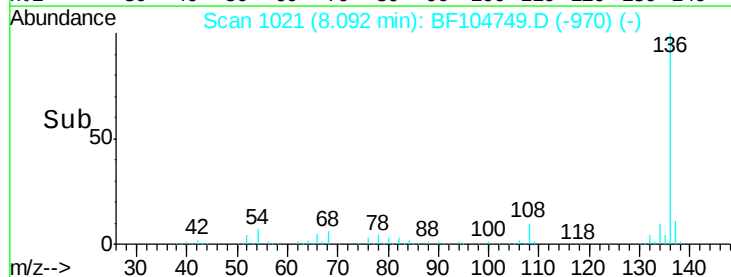
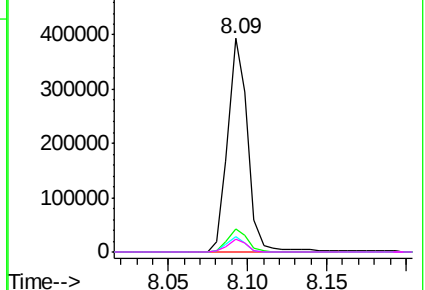


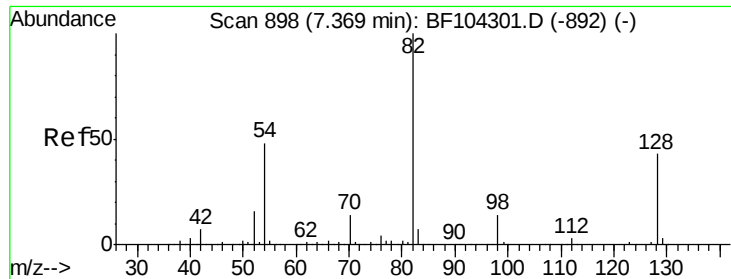
Abundance Ion 136.00 (135.70 to 136.70): E

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

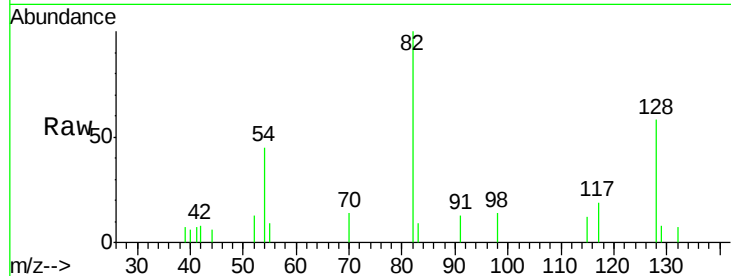




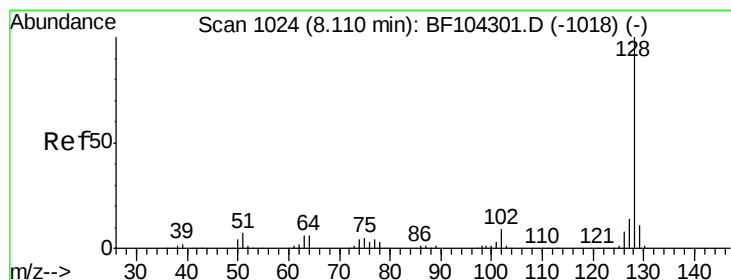
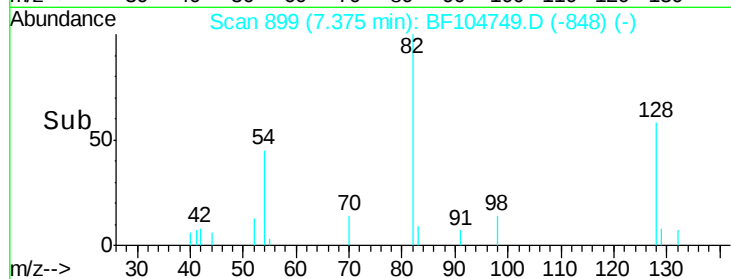
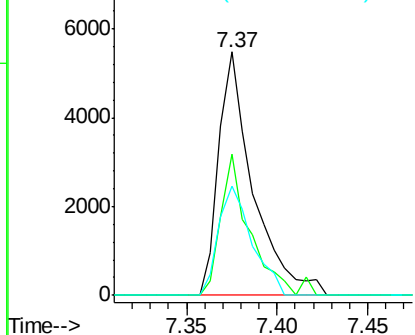
#23
Nitrobenzene-d5
Concen: 1.368 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 7238
Ion Ratio Lower Upper
82 100
128 57.9 36.1 54.1#
54 44.9 41.4 62.2

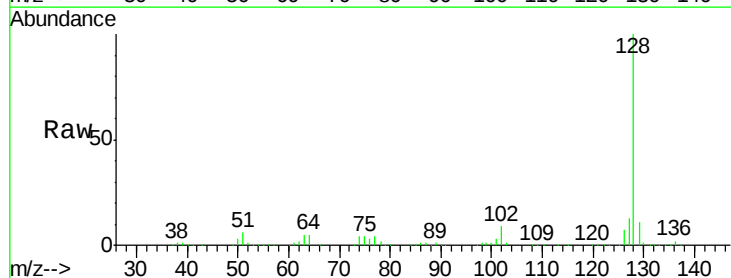


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

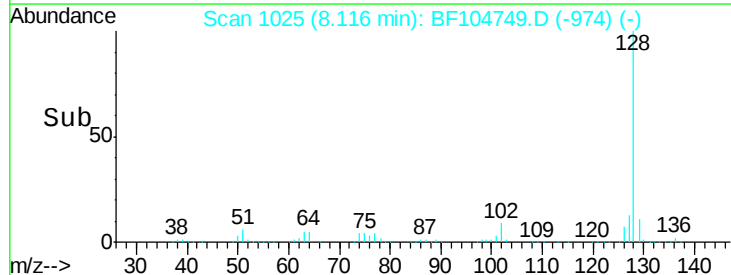
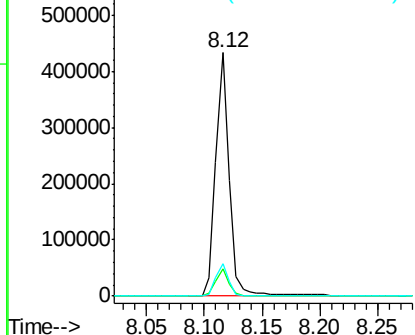


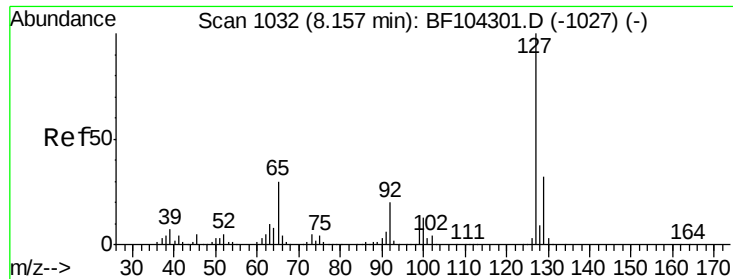
#31
Naphthalene
Concen: 20.592 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion: 128 Resp: 354218
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.2 10.9 16.3



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

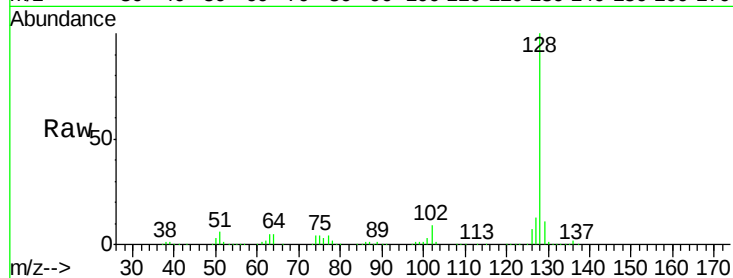




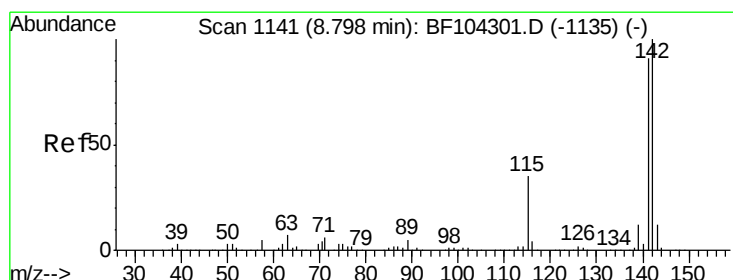
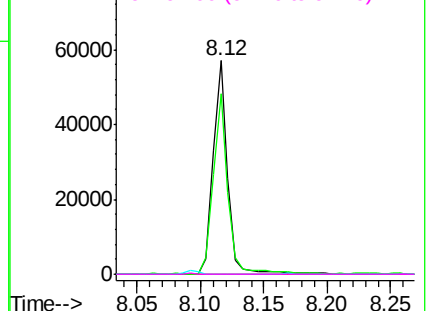
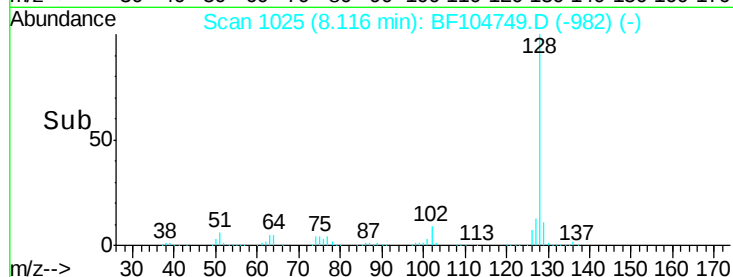
#33
4-Chloroaniline
Concen: 6.266 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.05 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127 Resp: 46176
Ion Ratio Lower Upper
127 100
129 84.7 25.9 38.9#
65 0.0 25.0 37.4#
92 0.0 15.2 22.8#

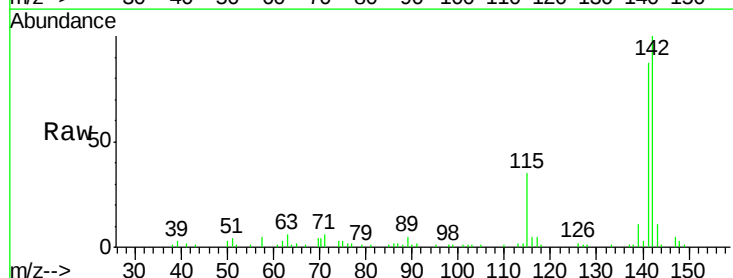


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

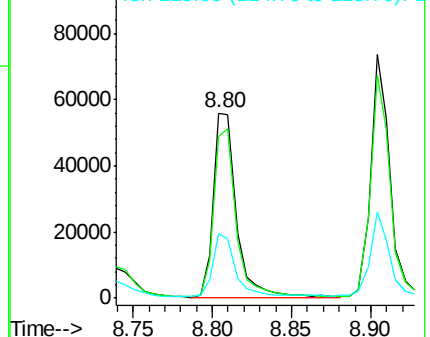
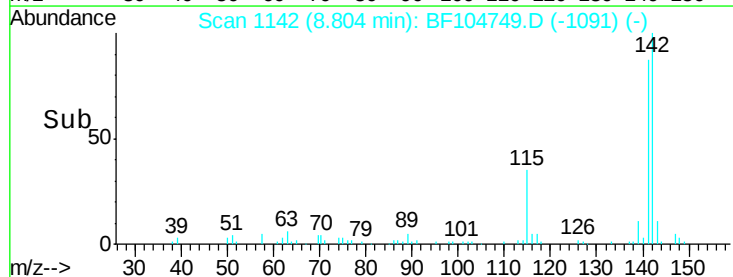


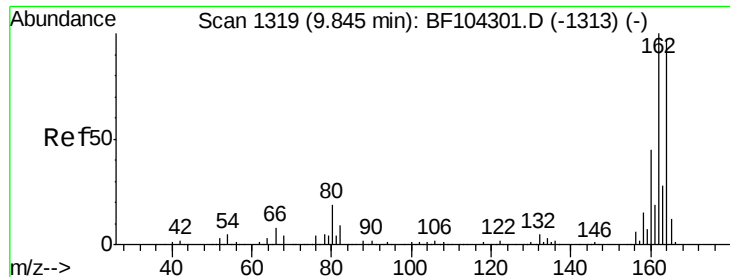
#37
2-Methylnaphthalene
Concen: 5.228 ng
RT: 8.80 min Scan# 1142
Delta R.T. -0.00 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:142 Resp: 58174
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 34.8 26.1 39.1



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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampled :

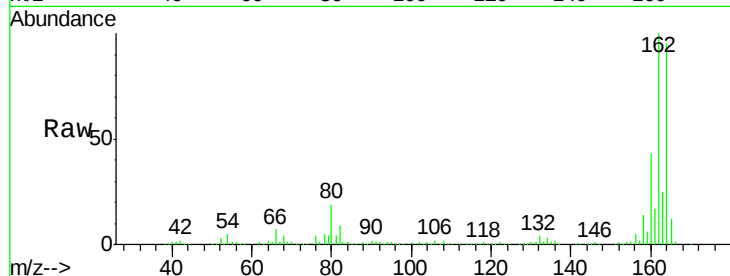
Tot Ion:164 Resp: 145480

Ion Ratio Lower Upper

164 100

162 105.6 86.1 129.1

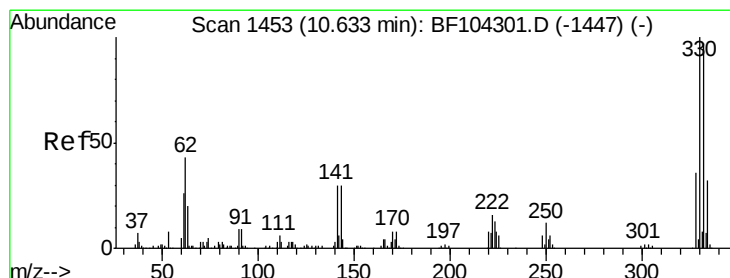
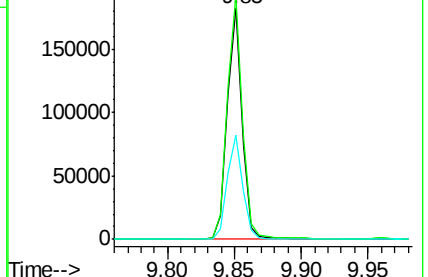
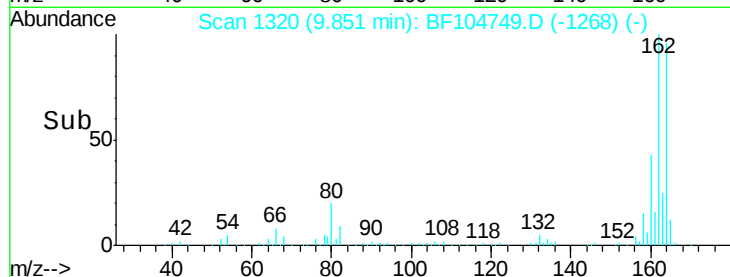
160 45.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 1.692 ng

RT: 10.65 min Scan# 1455

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

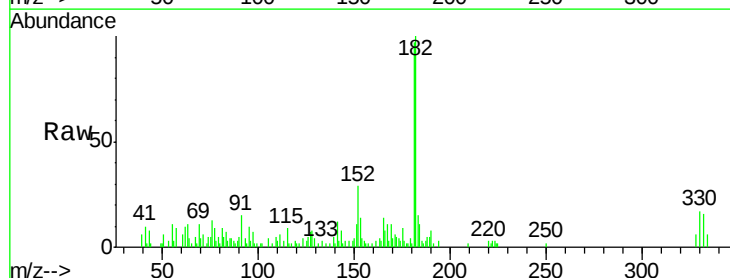
Tgt Ion:330 Resp: 2553

Ion Ratio Lower Upper

330 100

332 104.6 77.0 115.6

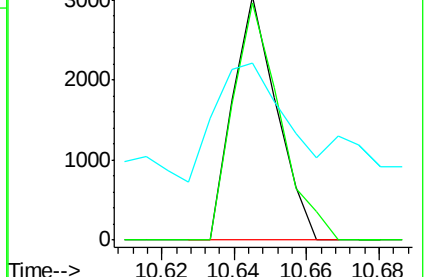
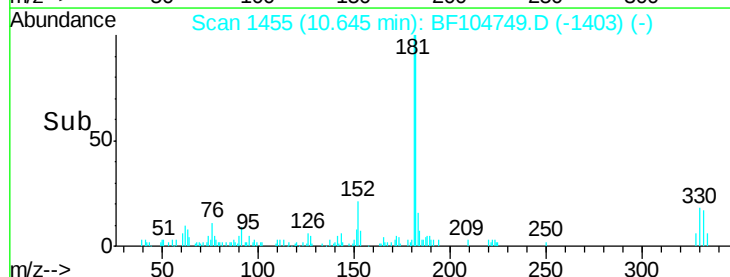
141 77.1 29.9 44.9#

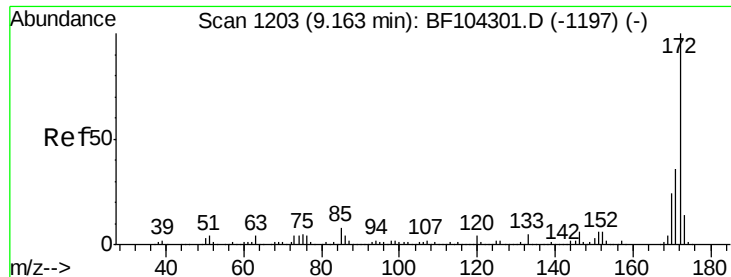


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

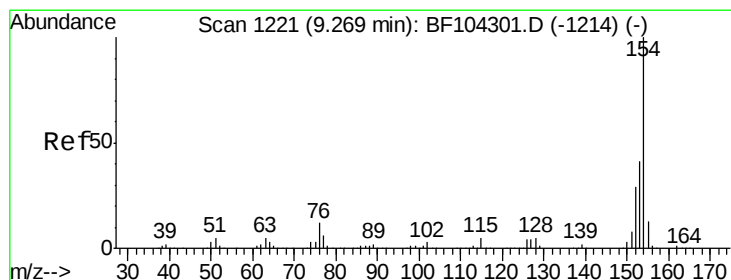
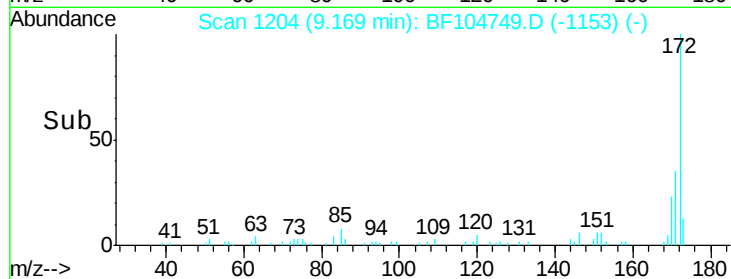
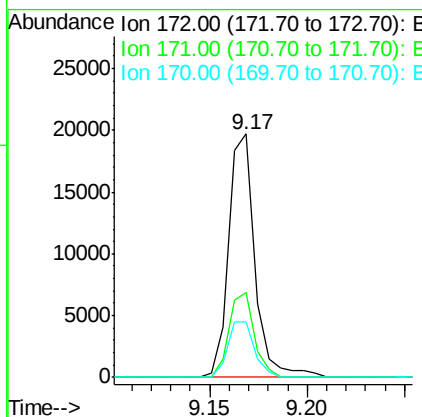
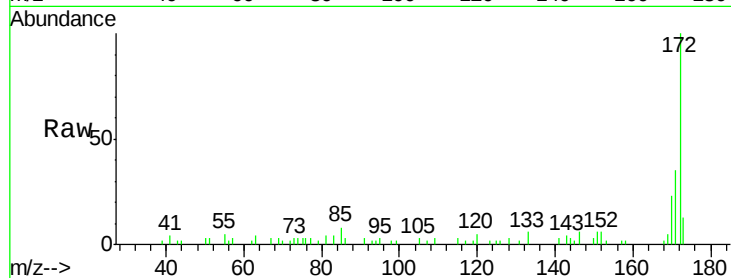




#44
 2-Fluorobiphenyl
 Concen: 1.997 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104749.D
 Acq: 24 Apr 2018 10:56

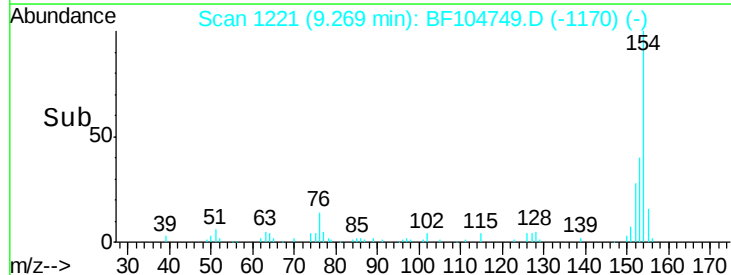
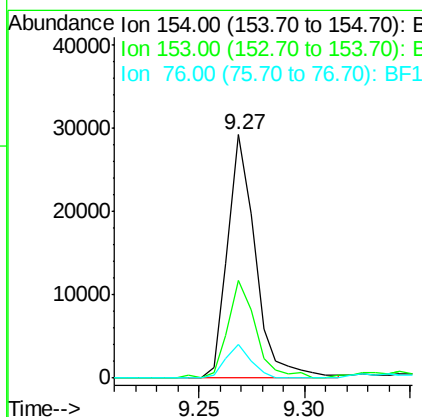
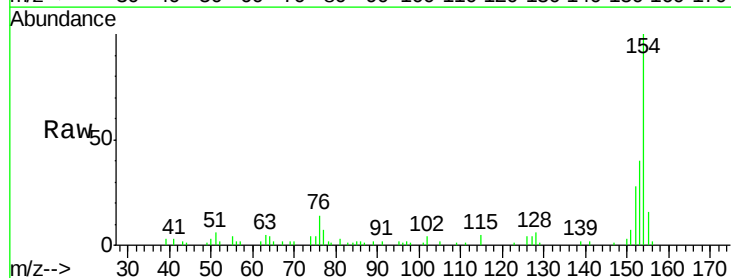
Instrument :
 BNA_F
 ClientSampleId :

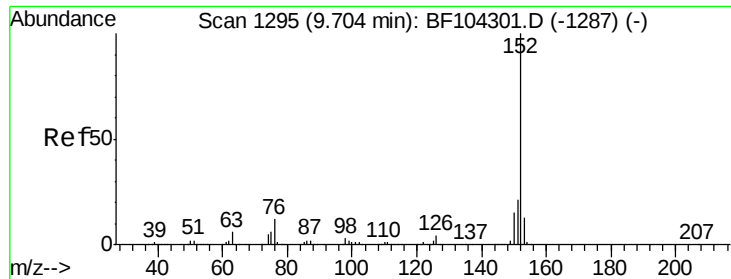
Tot Ion:172 Resp: 18394
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.9 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 2.185 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.00 min
 Lab File: BF104749.D
 Acq: 24 Apr 2018 10:56

Tgt Ion:154 Resp: 26703
 Ion Ratio Lower Upper
 154 100
 153 40.4 21.3 61.3
 76 13.9 0.0 34.0





#48

Acenaphthylene

Concen: 49.410 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

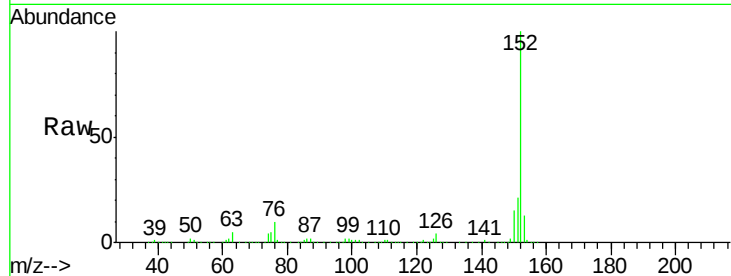
Tot Ion:152 Resp: 748355

Ion Ratio Lower Upper

152 100

151 21.0 16.3 24.5

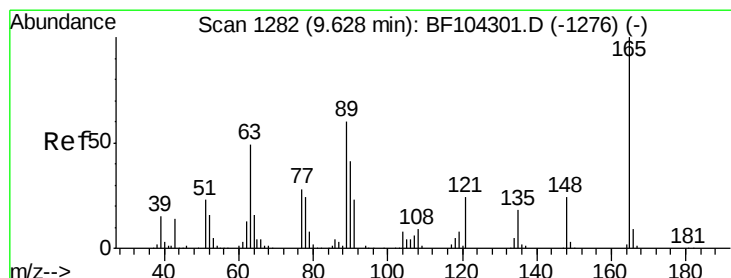
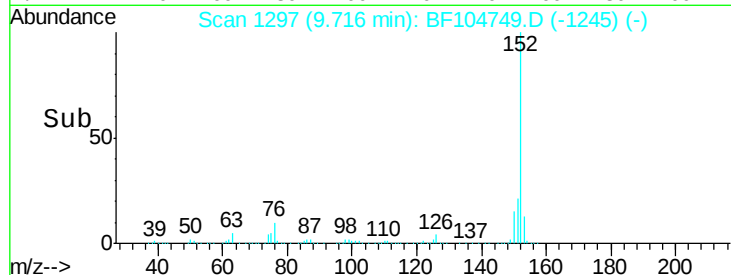
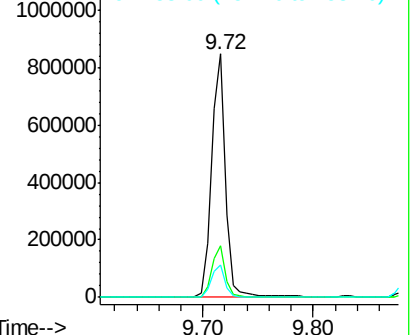
153 13.1 10.7 16.1



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



#50

2,6-Dinitrotoluene

Concen: 10.177 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.21 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

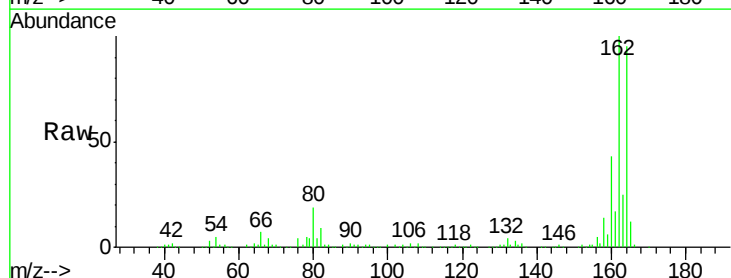
Tgt Ion:165 Resp: 21604

Ion Ratio Lower Upper

165 100

63 2.1 44.7 67.1#

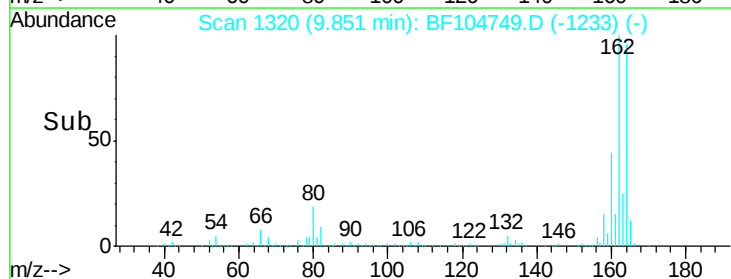
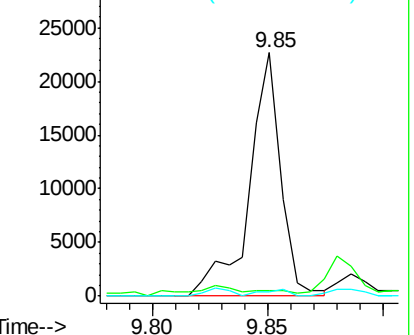
89 2.0 44.0 66.0#

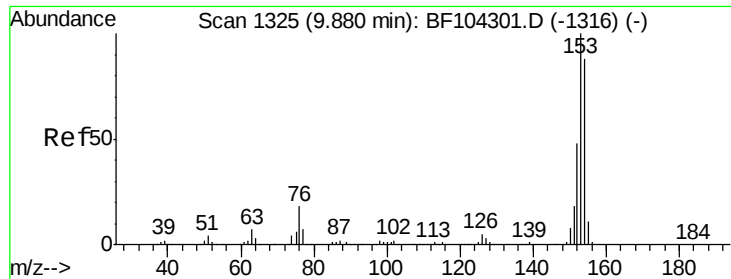


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 3.891 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.00 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

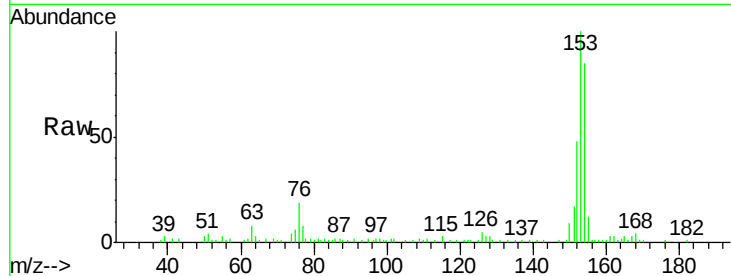
Tot Ion:154 Resp: 35959

Ion Ratio Lower Upper

154 100

153 118.3 91.2 136.8

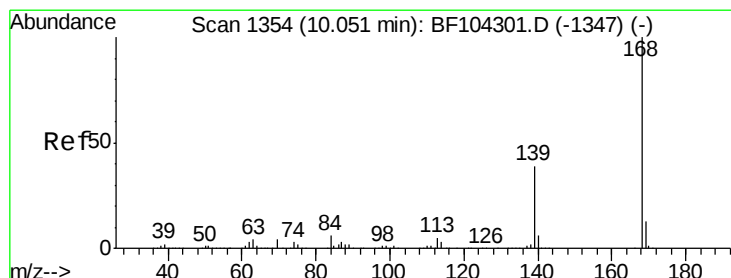
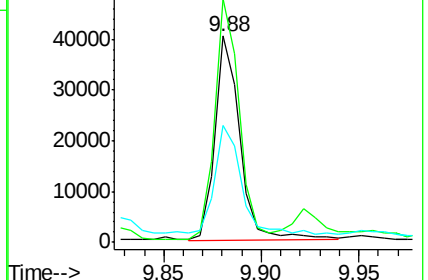
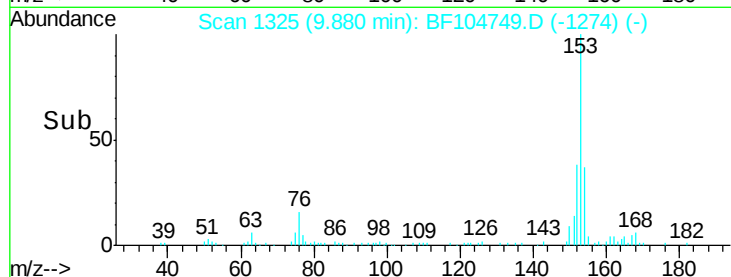
152 56.5 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 6.305 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

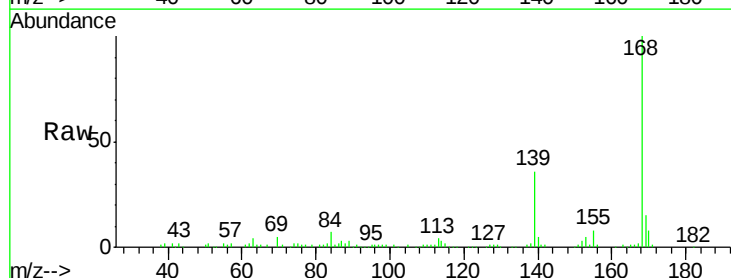
Tgt Ion:168 Resp: 81198

Ion Ratio Lower Upper

168 100

139 36.0 30.1 45.1

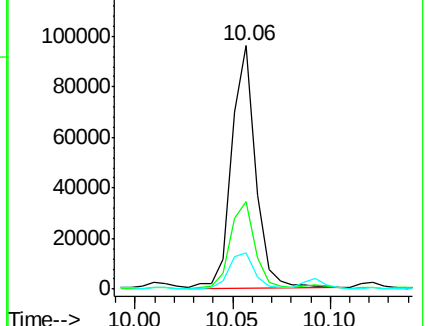
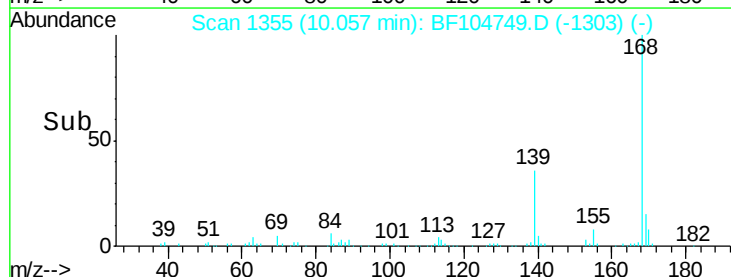
169 14.7 10.9 16.3

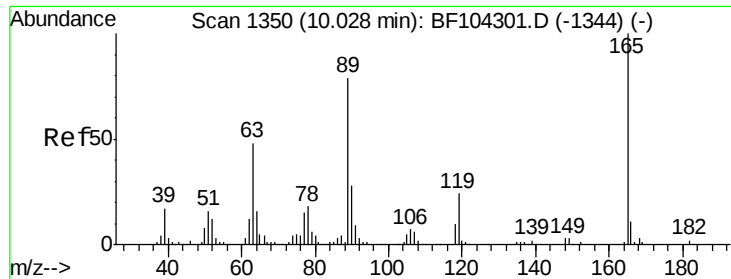


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

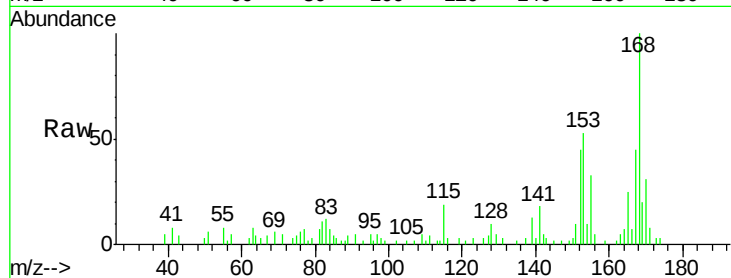




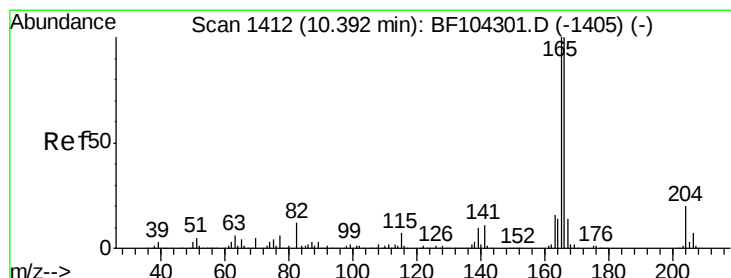
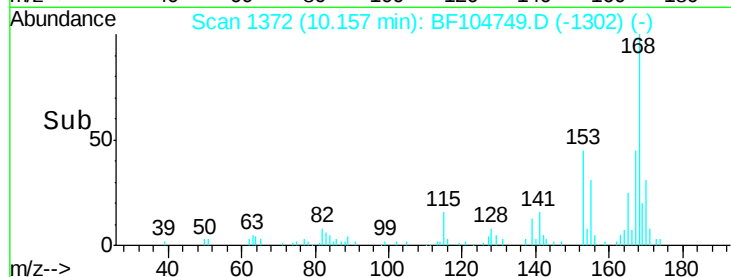
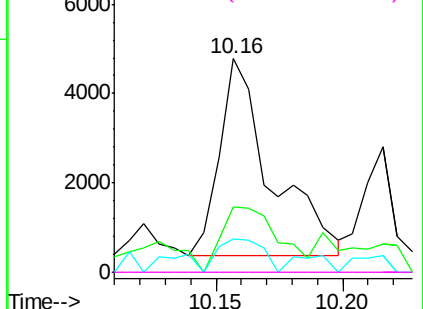
#56
2,4-Dinitrotoluene
Concen: 2.241 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.11 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 6239
Ion Ratio Lower Upper
165 100
63 30.6 36.4 54.6#
89 15.7 57.8 86.6#
182 0.0 1.6 2.4#

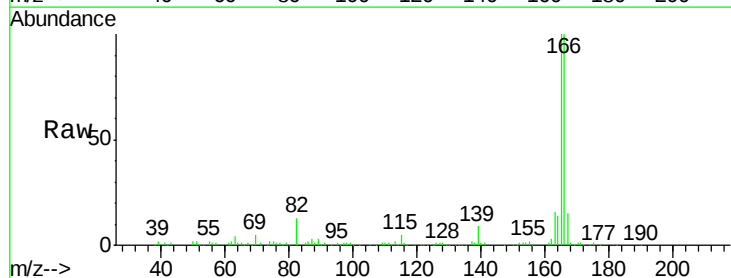


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

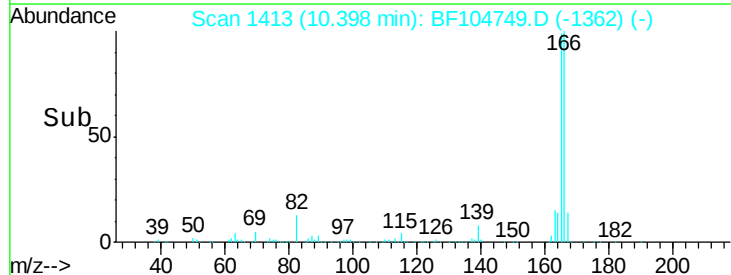
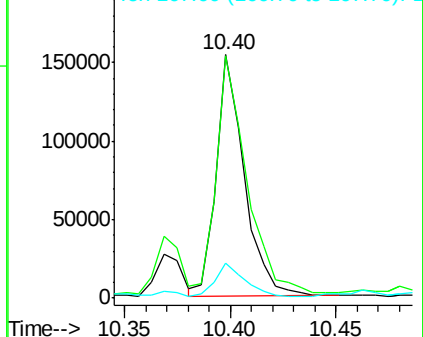


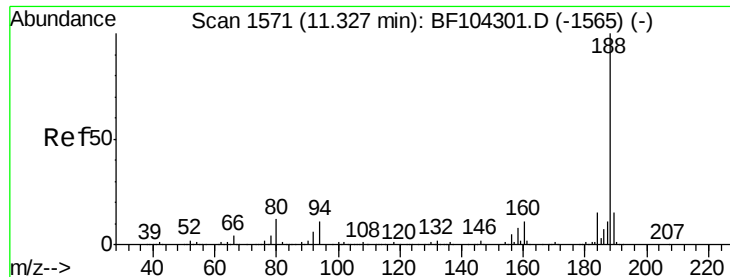
#57
Fluorene
Concen: 15.144 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:166 Resp: 141960
Ion Ratio Lower Upper
166 100
165 99.8 79.8 119.8
167 14.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

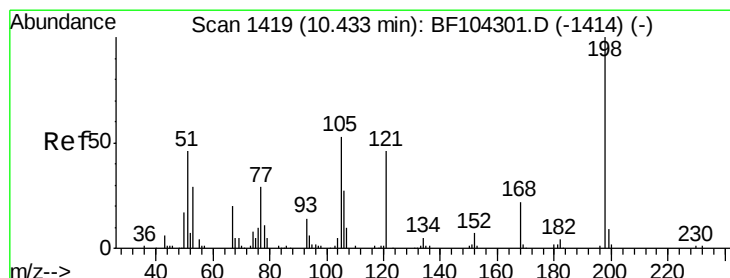
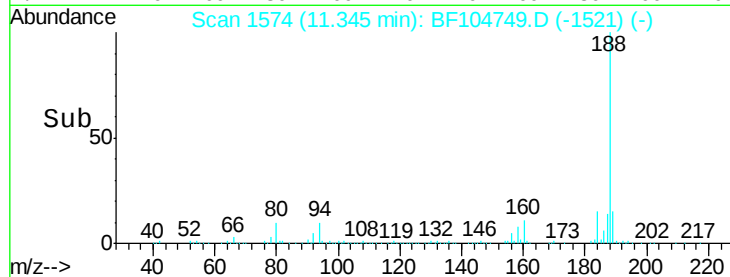
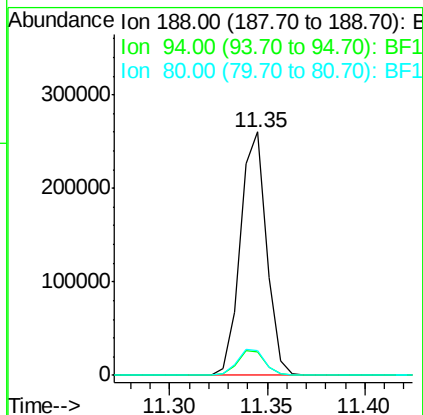
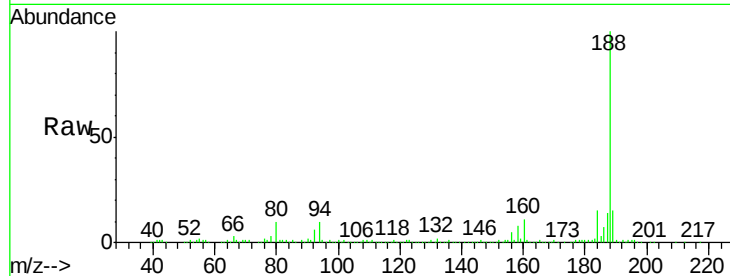




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.35 min Scan# 1574
 Delta R.T. 0.01 min
 Lab File: BF104749.D
 Acq: 24 Apr 2018 10:56

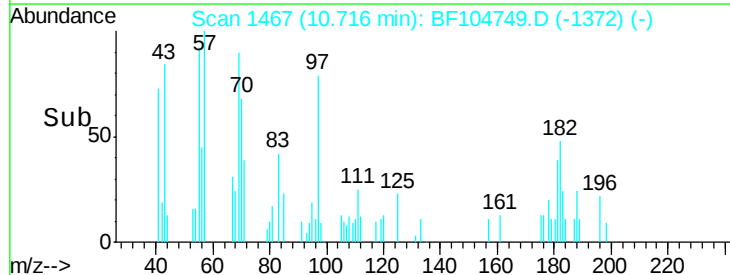
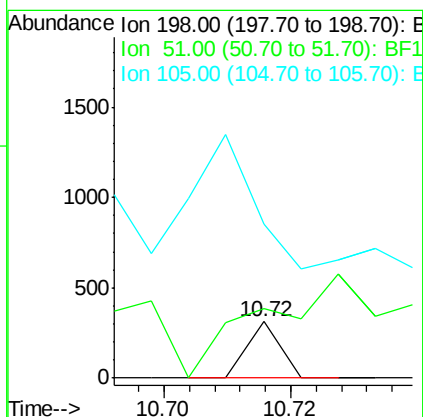
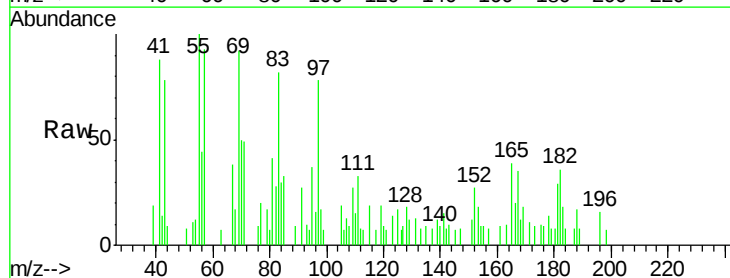
Instrument :
 BNA_F
 ClientSampleId :

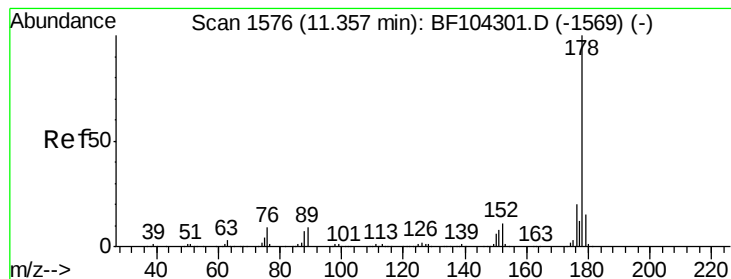
Tot Ion:188 Resp: 242268
 Ion Ratio Lower Upper
 188 100
 94 9.8 8.5 12.7
 80 10.3 9.2 13.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.426 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.26 min
 Lab File: BF104749.D
 Acq: 24 Apr 2018 10:56

Tgt Ion:198 Resp: 110
 Ion Ratio Lower Upper
 198 100
 51 123.5 37.7 77.7#
 105 274.9 36.3 76.3#





#70

Phenanthrene

Concen: 61.710 ng

RT: 11.37 min Scan# 1578

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

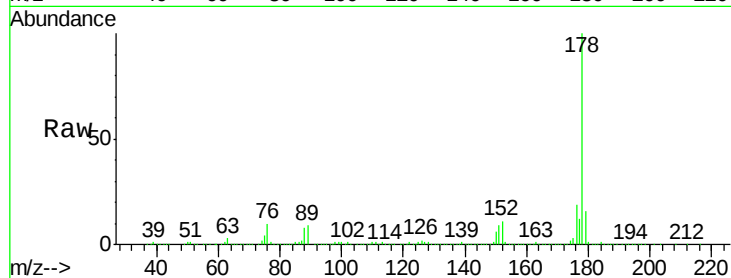
Tot Ion:178 Resp: 832575

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

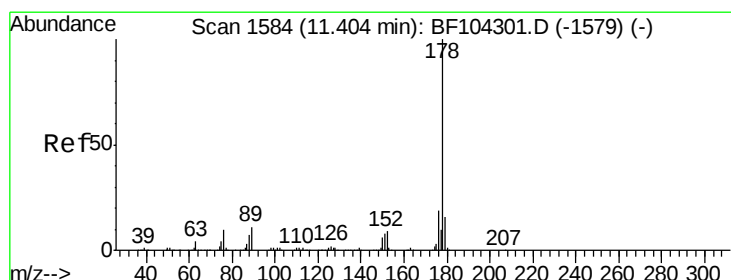
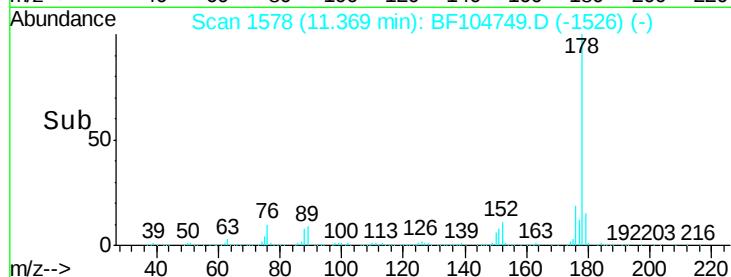
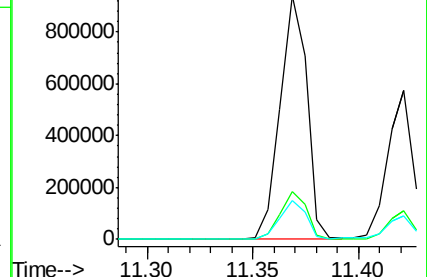
179 15.8 13.0 19.6



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: 34.769 ng

RT: 11.42 min Scan# 1587

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

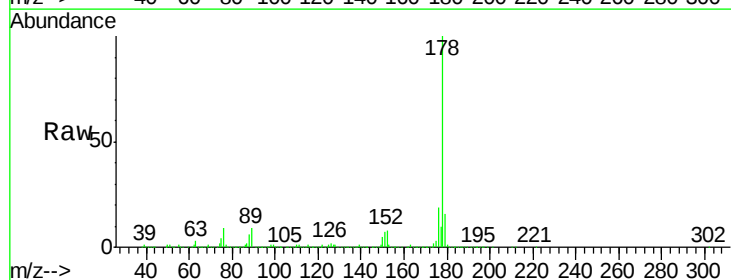
Tgt Ion:178 Resp: 476834

Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

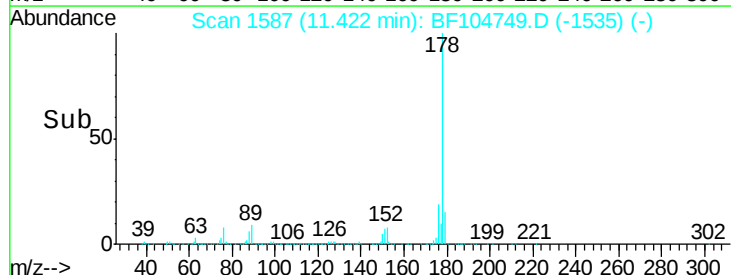
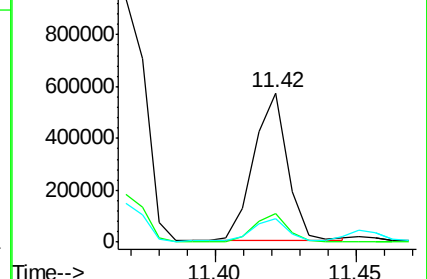
179 15.6 12.6 19.0

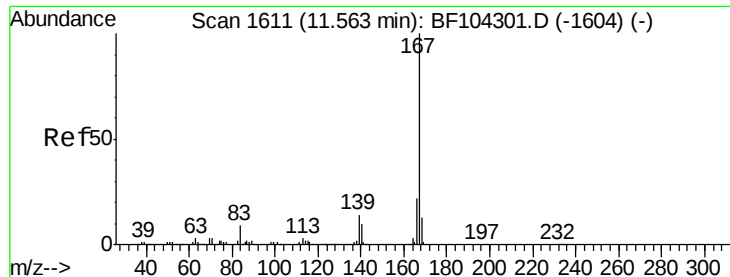


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.675 ng

RT: 11.57 min Scan# 1613

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

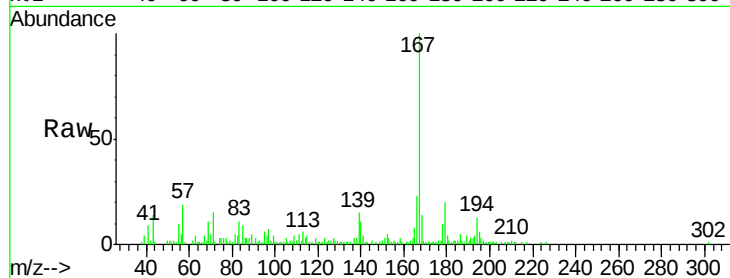
Tot Ion:167 Resp: 49248

Ion Ratio Lower Upper

167 100

166 23.0 17.6 26.4

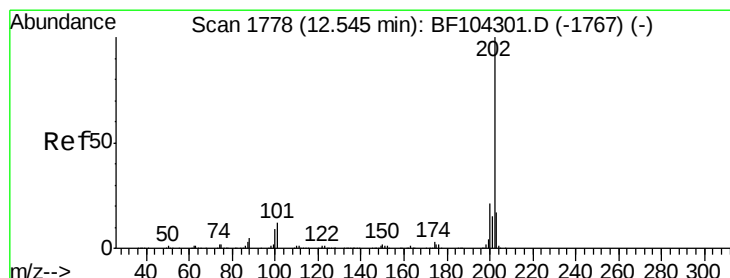
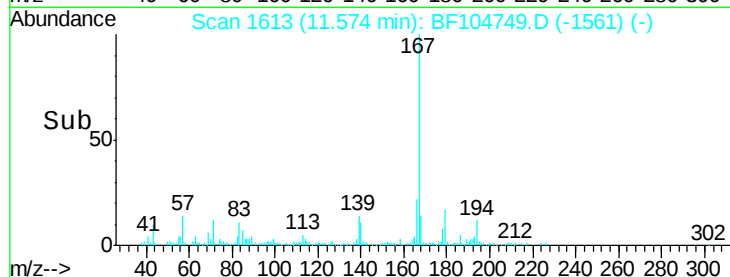
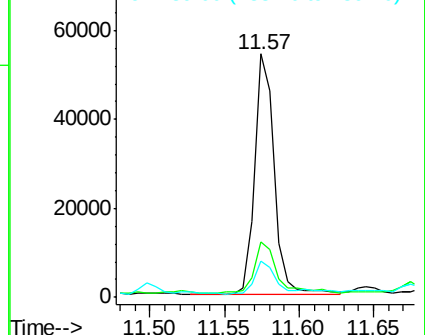
139 14.7 10.9 16.3



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: 116.401 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.02 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

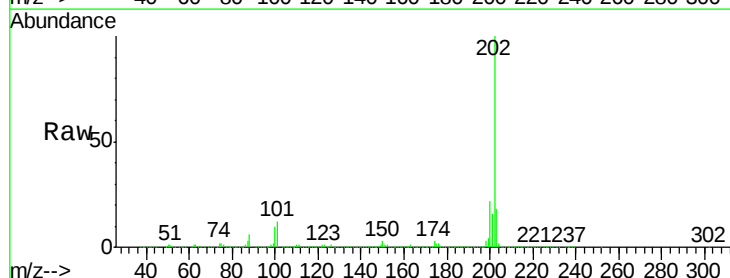
Tgt Ion:202 Resp: 1640822

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.1

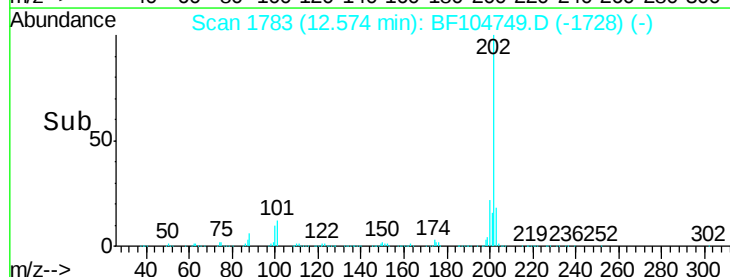
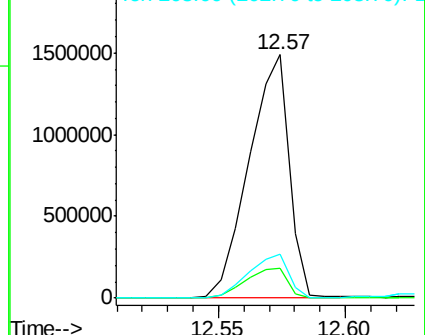
203 17.8 0.0 38.1

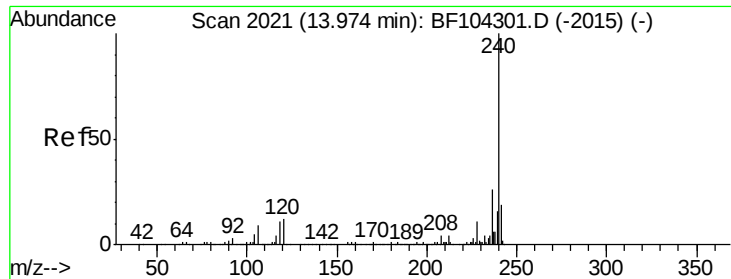


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.00 min Scan# 2026

Delta R.T. 0.02 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

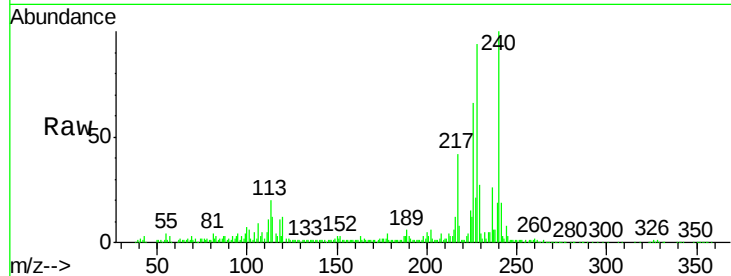
Tot Ion:240 Resp: 149093

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

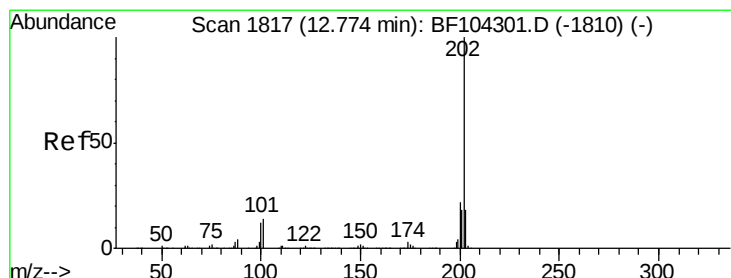
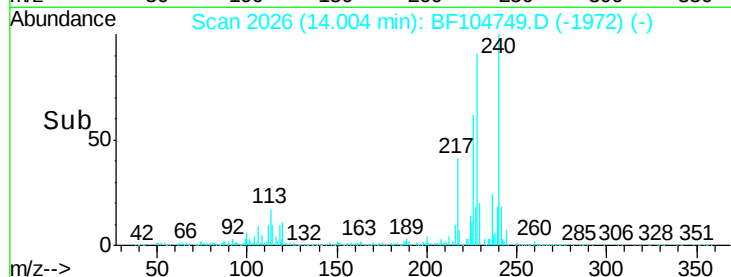
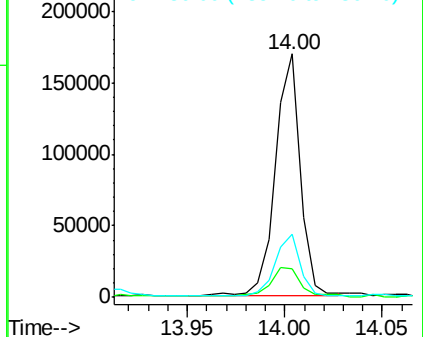
236 26.0 20.7 31.1



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: 145.146 ng

RT: 12.80 min Scan# 1822

Delta R.T. 0.02 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

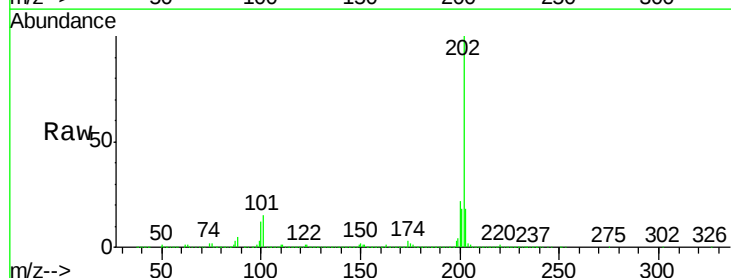
Tgt Ion:202 Resp: 1604045

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

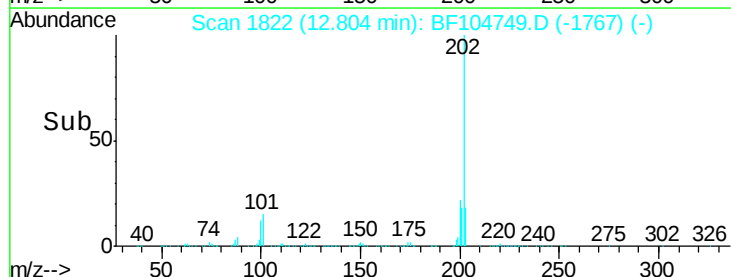
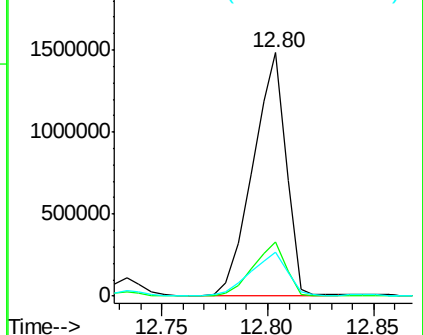
203 18.2 14.3 21.5

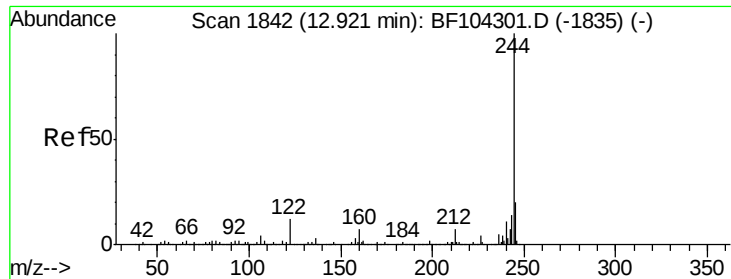


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 3.012 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

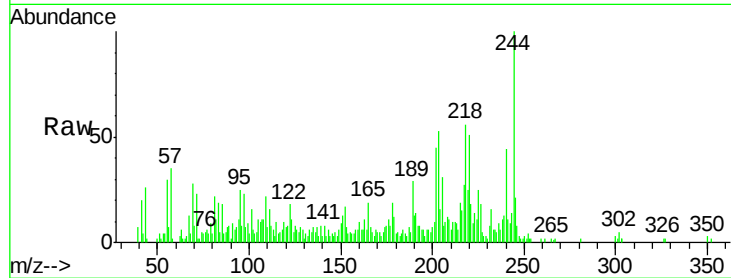
Tot Ion:244 Resp: 19698

Ion Ratio Lower Upper

244 100

212 10.4 5.4 8.0#

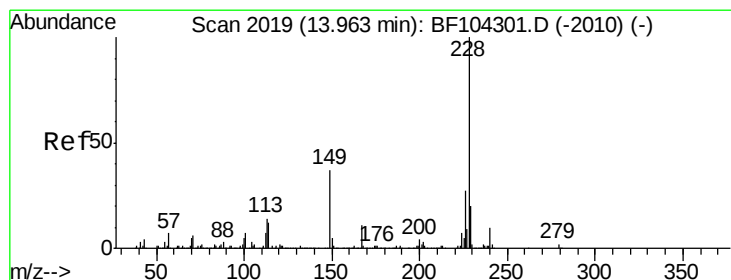
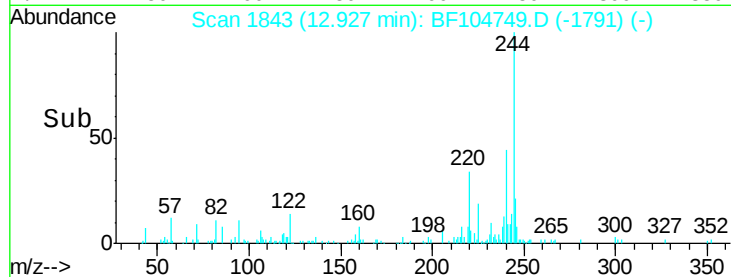
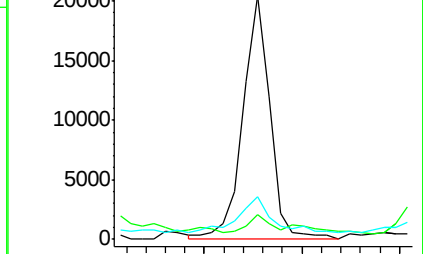
122 17.7 11.0 16.4#



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: 92.009 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.05 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

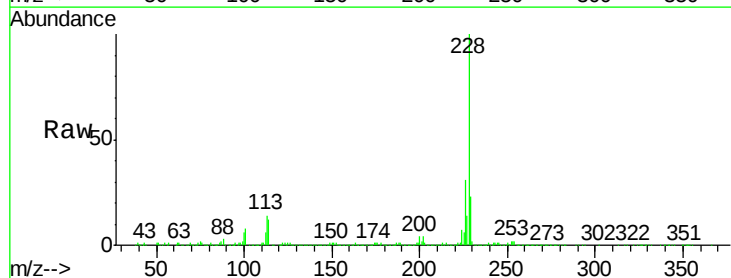
Tgt Ion:228 Resp: 819519

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

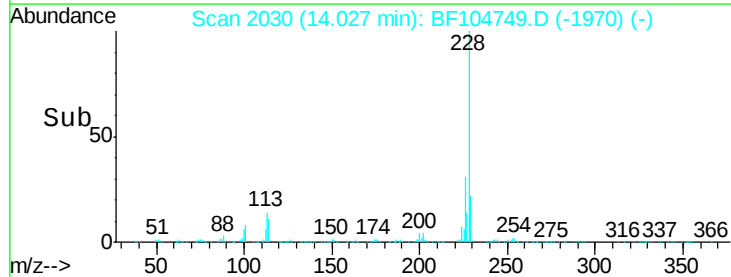
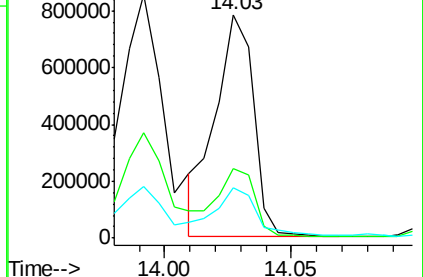
229 22.7 15.8 23.6

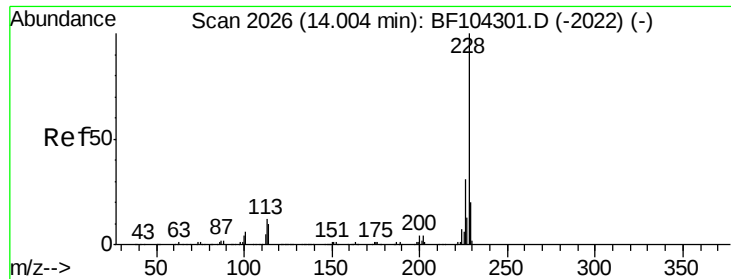


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

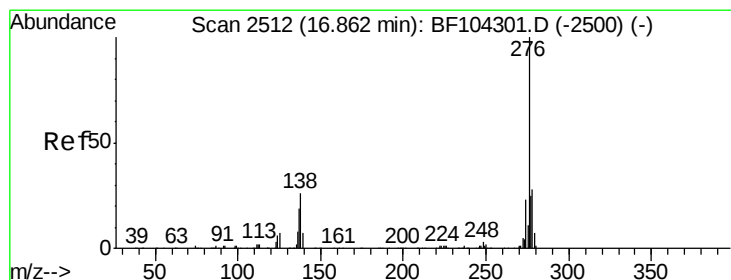
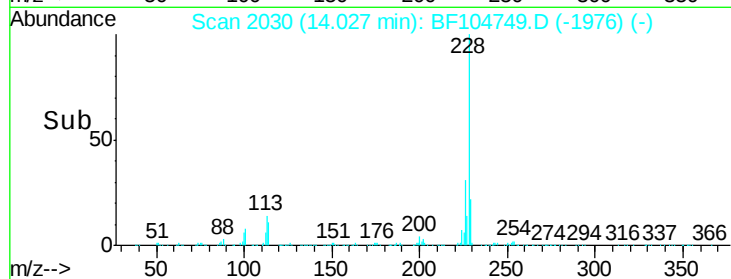
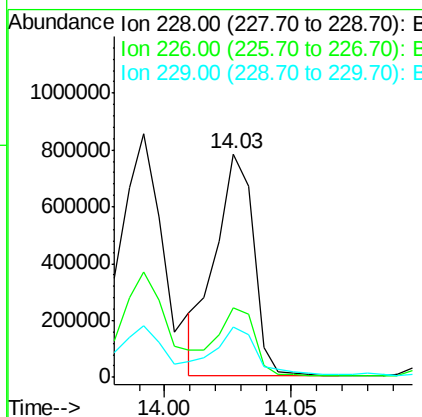
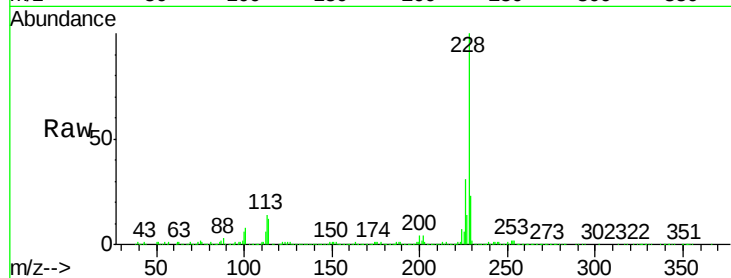




#82
Chrysene
Concen: 89.576 ng
RT: 14.03 min Scan# 2030
Delta R.T. 0.02 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

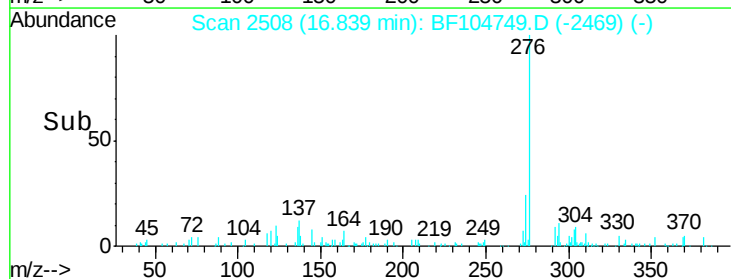
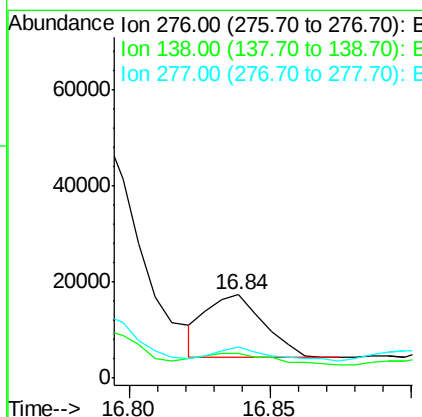
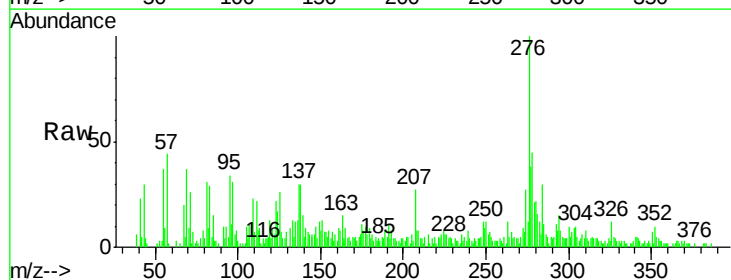
Instrument :
BNA_F
ClientSampleId :

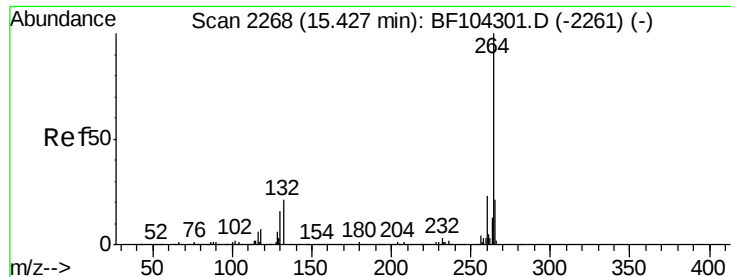
Tot Ion:228 Resp: 819519
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 22.7 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.380 ng
RT: 16.84 min Scan# 2508
Delta R.T. -0.07 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:276 Resp: 18493
Ion Ratio Lower Upper
276 100
138 26.3 25.0 37.6
277 22.3 20.1 30.1

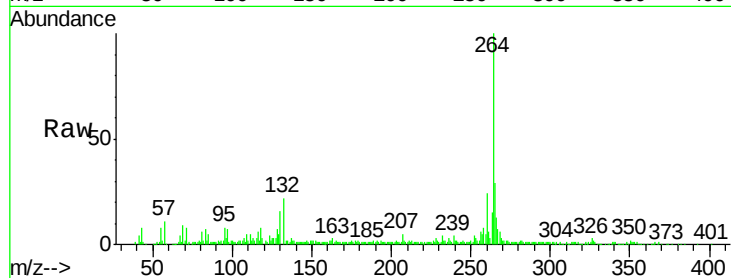




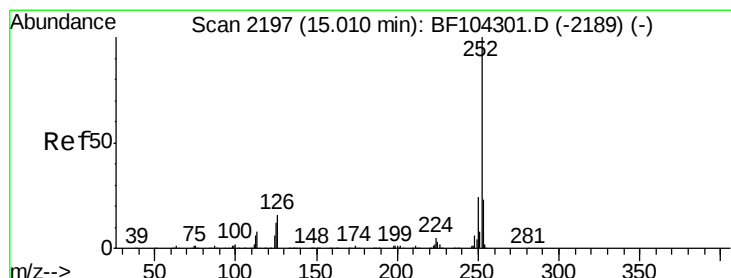
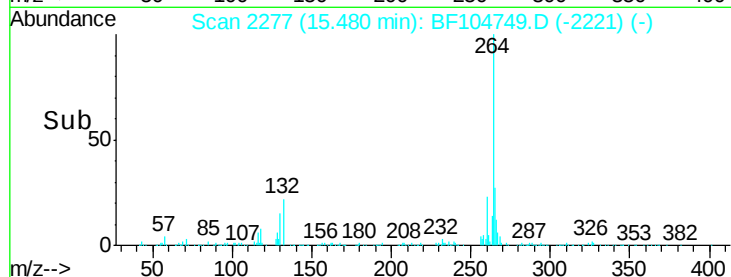
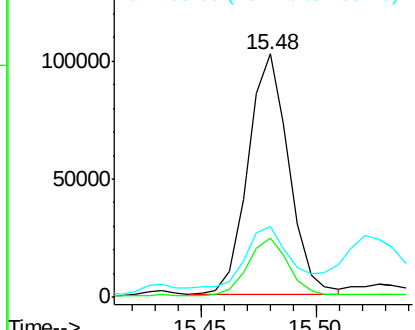
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. 0.03 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 124240
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 28.8 17.5 26.3#

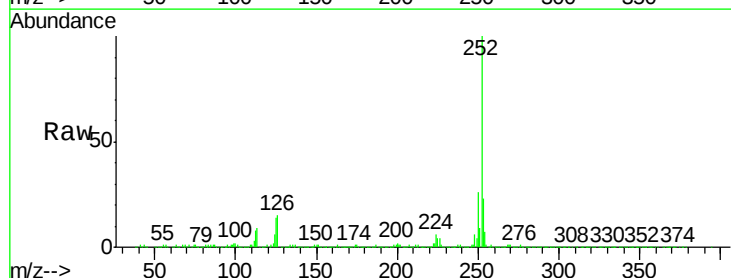


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

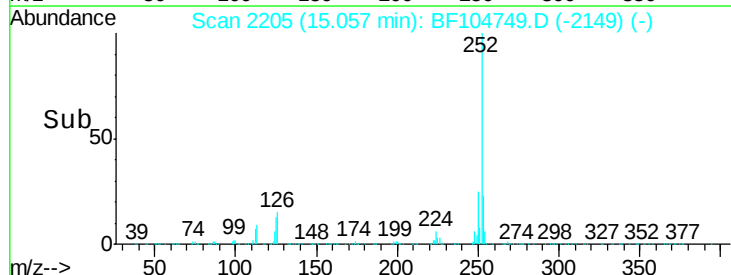
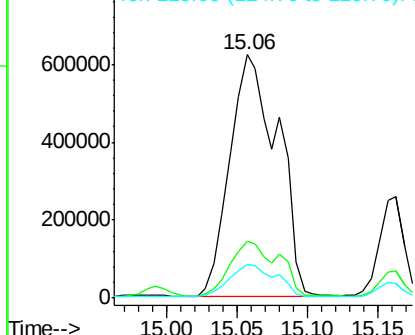


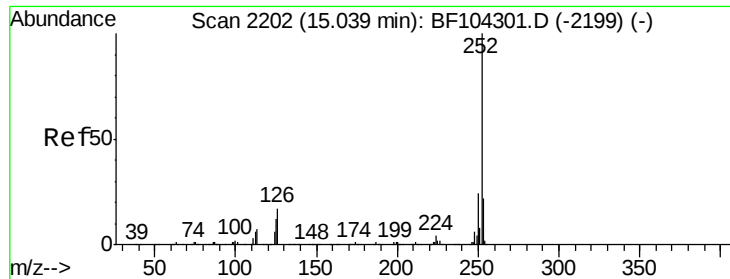
#87
Benzo(b)fluoranthene
Concen: 188.230 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.03 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:252 Resp: 1477003
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 13.8 9.0 13.6#



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

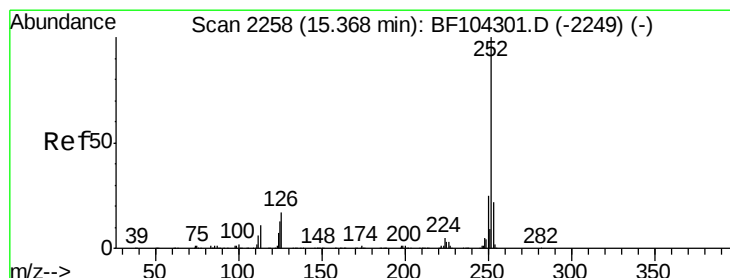
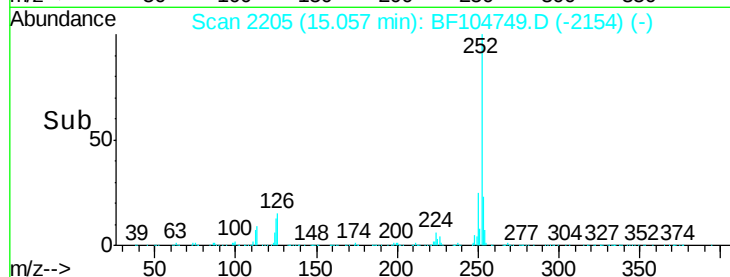
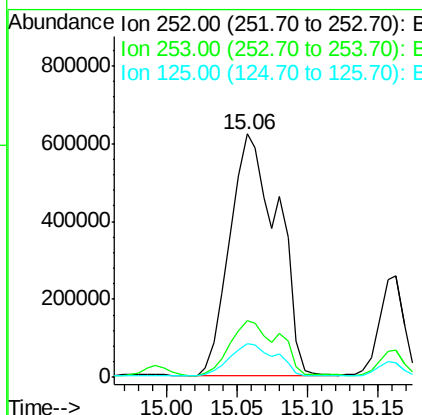
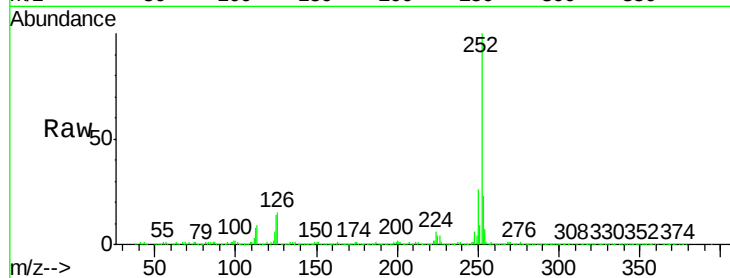




#88
Benzo(k)fluoranthene
Concen: 199.378 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

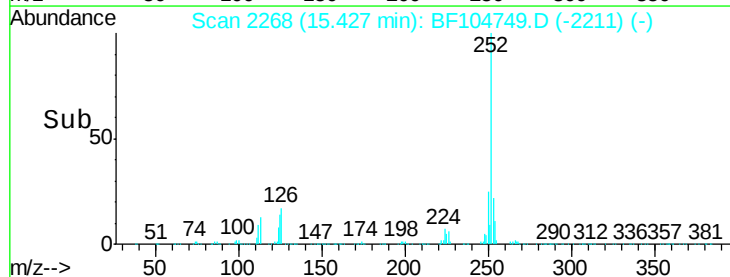
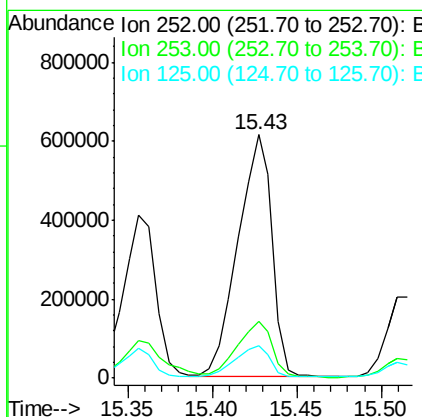
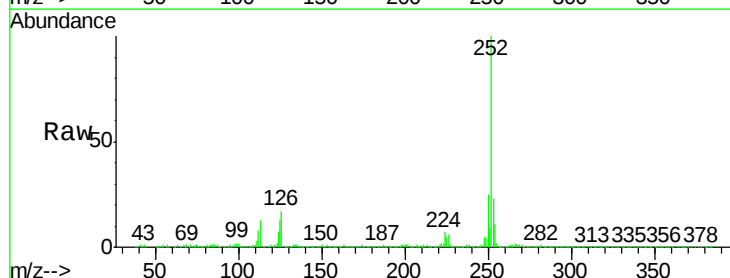
Instrument :
BNA_F
ClientSampleId :

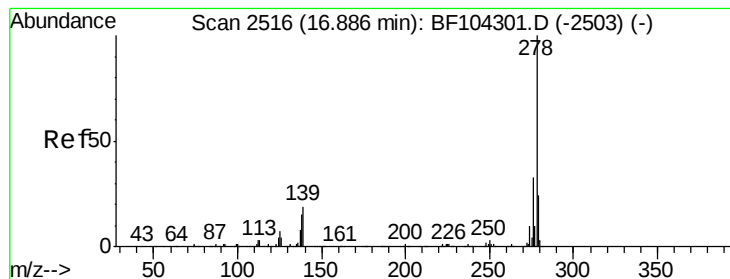
Tot Ion:252 Resp: 1477003
Ion Ratio Lower Upper
252 100
253 23.2 17.9 26.9
125 13.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 122.766 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.04 min
Lab File: BF104749.D
Acq: 24 Apr 2018 10:56

Tgt Ion:252 Resp: 861930
Ion Ratio Lower Upper
252 100
253 23.3 17.1 25.7
125 13.4 9.8 14.6





#90

Dibenzo(a,h)anthracene

Concen: 23.164 ng

RT: 17.13 min Scan# 2557

Delta R.T. 0.20 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

Instrument :

BNA_F

ClientSampleId :

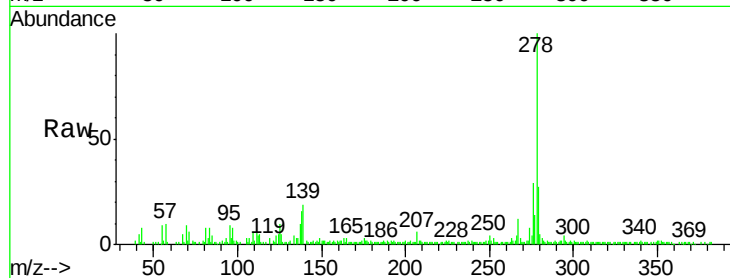
Tot Ion:278 Resp: 133573

Ion Ratio Lower Upper

278 100

139 19.4 15.9 23.9

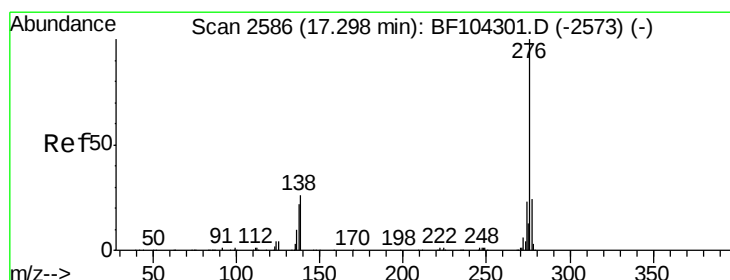
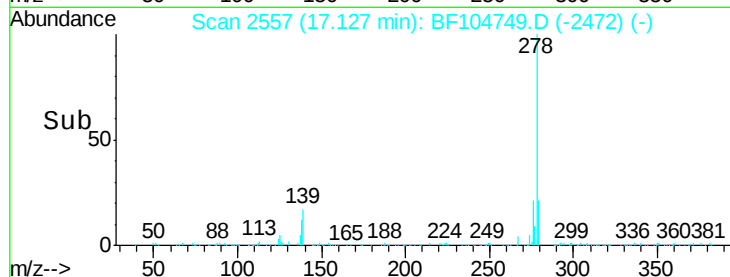
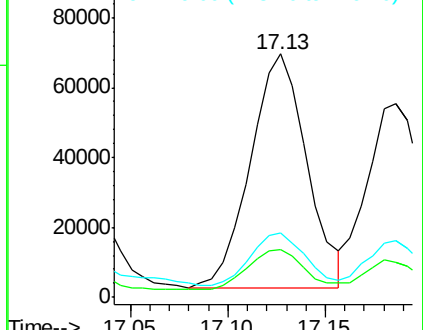
279 26.7 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 93.698 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.06 min

Lab File: BF104749.D

Acq: 24 Apr 2018 10:56

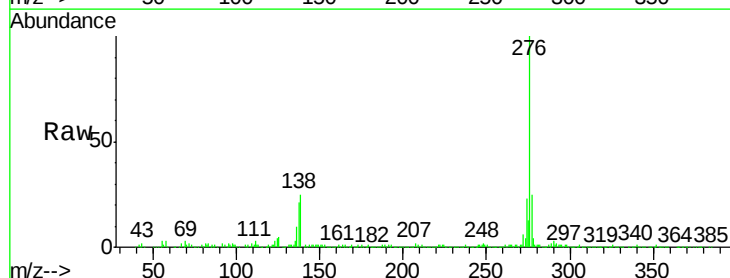
Tgt Ion:276 Resp: 523449

Ion Ratio Lower Upper

276 100

277 25.2 17.9 26.9

138 25.2 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

