

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042418\
 Data File : BF104768.D
 Acq On : 24 Apr 2018 20:34
 Operator : JU/SJ
 Sample : J2508-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 21:59:23 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

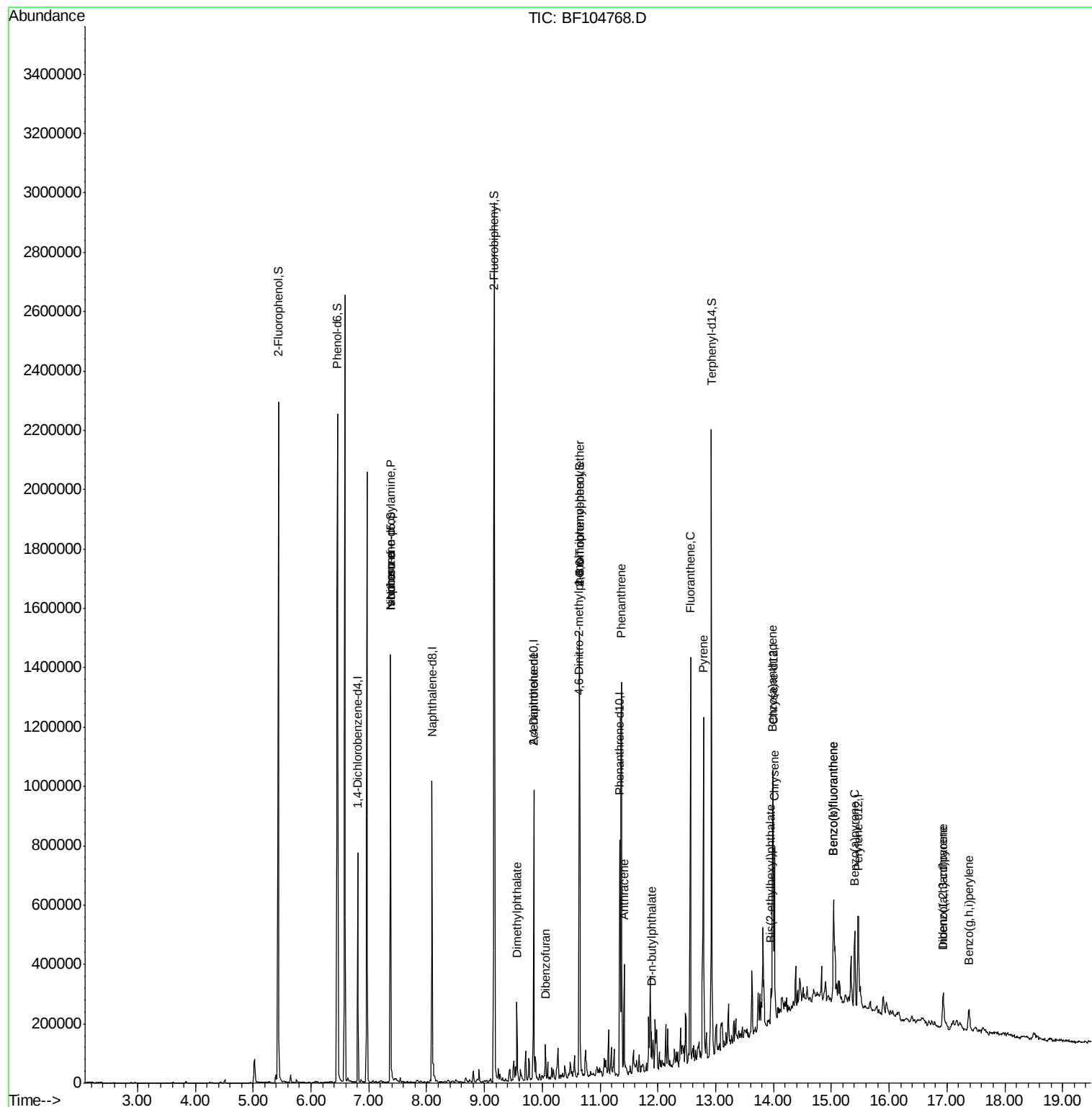
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	108766	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	437472	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	183380	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	287310	20.00	ng	0.00
75) Chrysene-d12	13.99	240	206811	20.00	ng	0.00
86) Perylene-d12	15.47	264	146468	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	691341	97.19	ng	0.02
7) Phenol-d6	6.46	99	851451	97.42	ng	0.01
23) Nitrobenzene-d5	7.37	82	532262	79.45	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	177587	93.36	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	919790	79.24	ng	0.00
78) Terphenyl-d14	12.93	244	705073	77.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	70495	12.343	ng	# 74
25) Isophorone	7.37	82	532253	37.569	ng	# 64
49) Dimethylphthalate	9.56	163	96183	6.651	ng	99
54) Dibenzofuran	10.06	168	38127	2.349	ng	99
56) 2,4-Dinitrotoluene	9.85	165	24269	6.914	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.63	198	113	7.415	ng	# 29
66) 4-Bromophenyl-phenylether	10.65	248	10443	3.417	ng	# 1
70) Phenanthrene	11.37	178	487301	30.456	ng	98
71) Anthracene	11.42	178	129508	7.963	ng	98
73) Di-n-butylphthalate	11.90	149	69842	3.597	ng	99
74) Fluoranthene	12.56	202	556077	33.264	ng	96
76) Benzidine	12.93	184	9624	Below Cal	#	89
77) Pvrene	12.79	202	467962	30.527	ng	98
80) Benzo(a)anthracene	13.98	228	236051	19.106	ng	98
82) Chrysene	14.02	228	207901	16.382	ng	98
83) Bis(2-ethylhexyl)phthalate	13.96	149	26577	2.861	ng	98
85) Indeno(1,2,3-cd)pvrene	16.93	276	70727	6.561	ng	# 89
87) Benzo(b)fluoranthene	15.04	252	258832	27.980	ng	98
88) Benzo(k)fluoranthene	15.04	252	258832	29.637	ng	99
89) Benzo(a)pvrene	15.40	252	113839	13.754	ng	95
90) Dibenzo(a,h)anthracene	16.94	278	20773	3.056	ng	# 91
91) Benzo(g,h,i)perylene	17.38	276	63226	9.600	ng	93

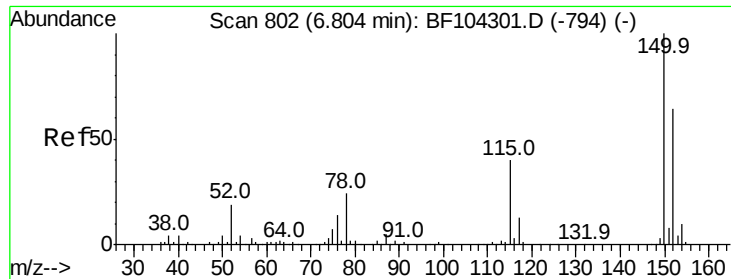
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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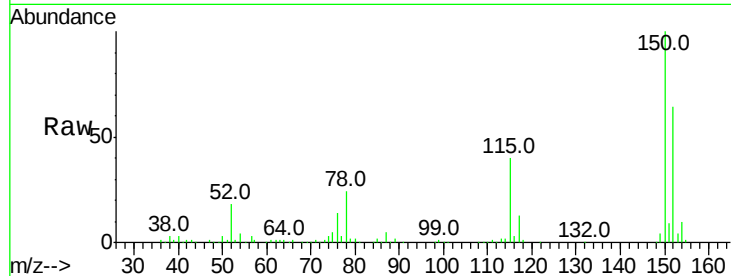


#1

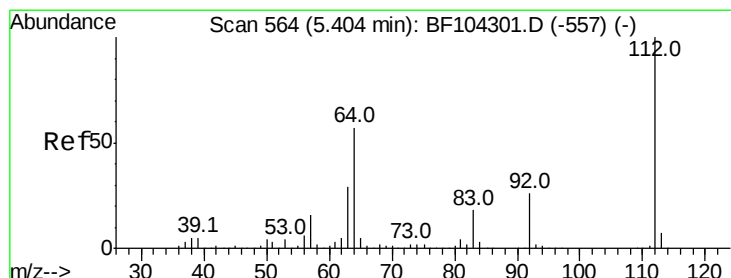
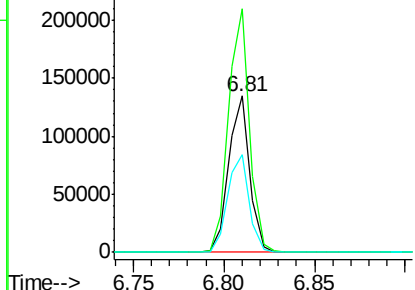
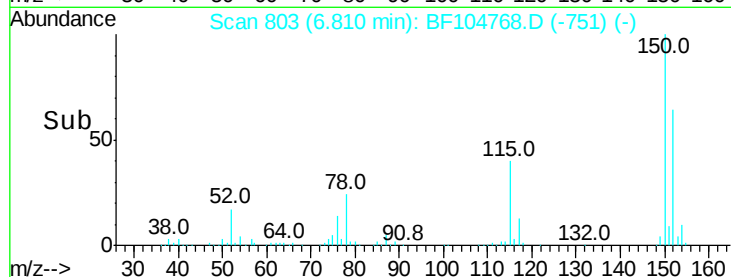
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108766
Ion Ratio Lower Upper
152 100
150 156.0 124.6 186.8
115 62.6 50.1 75.1



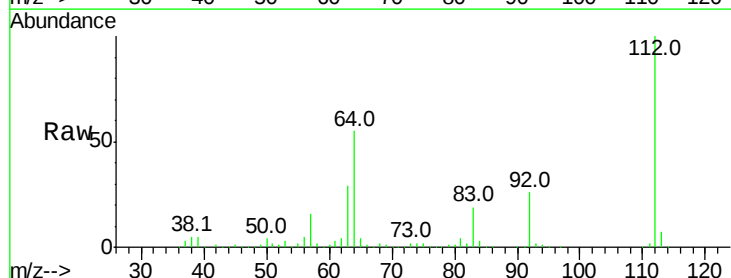
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



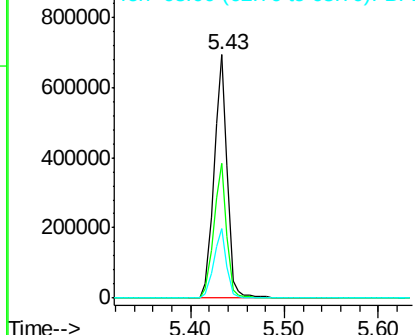
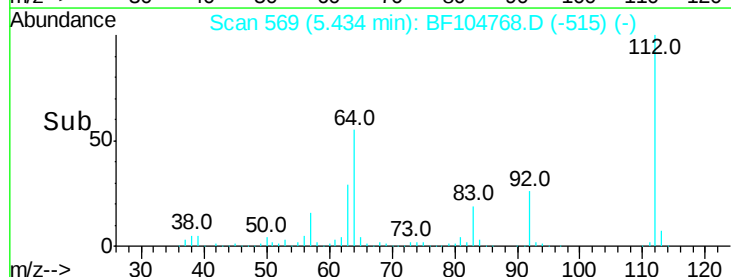
#5

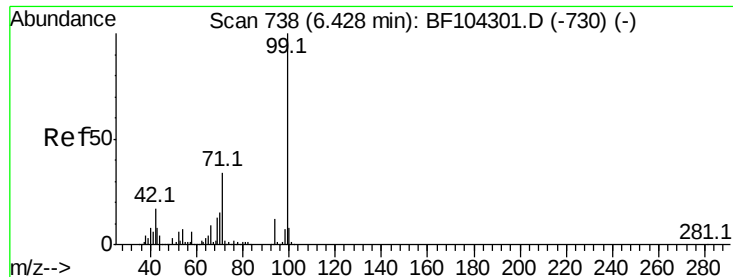
2-Fluorophenol
Concen: 97.190 ng
RT: 5.43 min Scan# 569
Delta R.T. 0.02 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Tgt Ion:112 Resp: 691341
Ion Ratio Lower Upper
112 100
64 55.4 47.9 71.9
63 28.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 97.421 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampled :

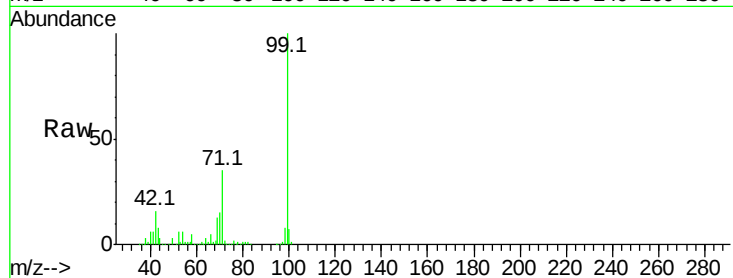
Tot Ion: 99 Resp: 851451

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

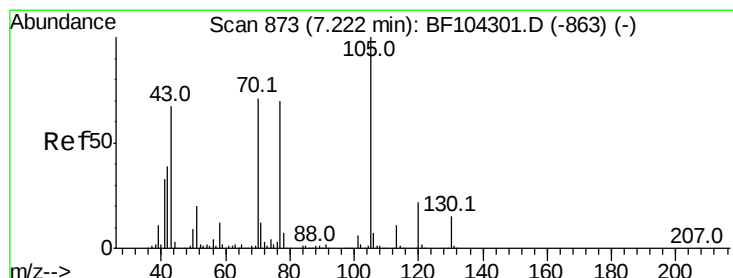
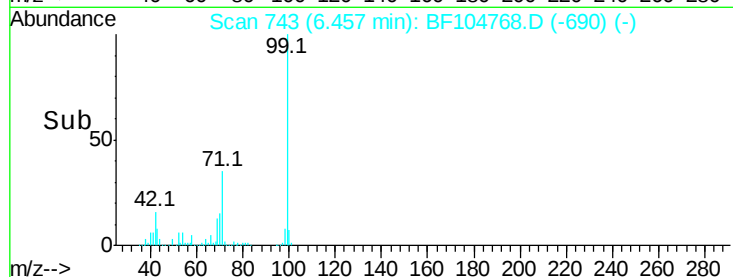
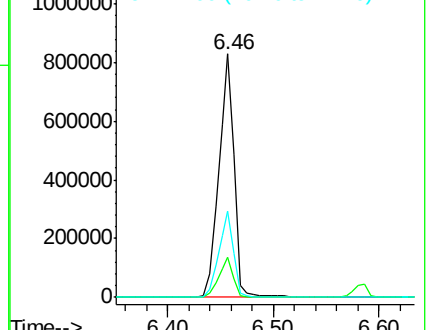
71 35.2 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 12.343 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.15 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Tgt Ion: 70 Resp: 70495

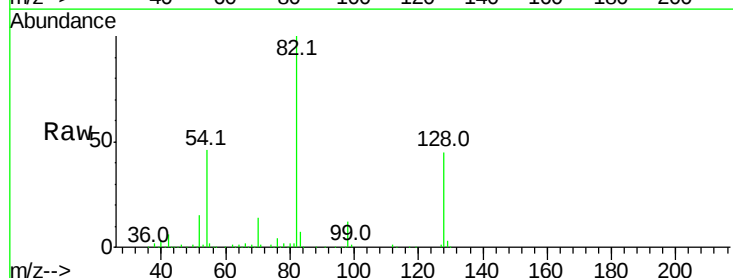
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#

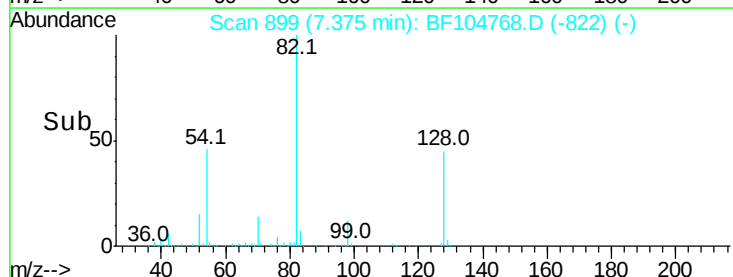
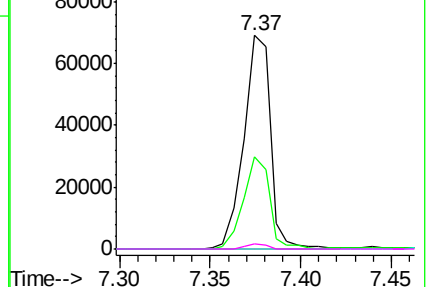


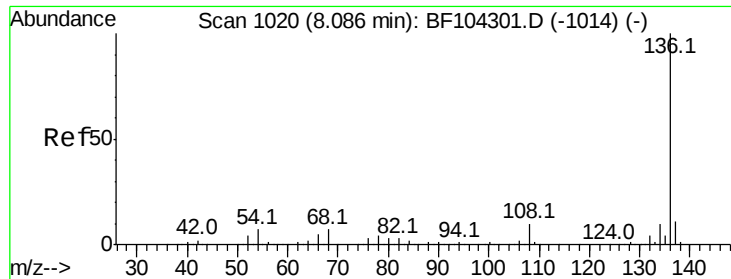
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

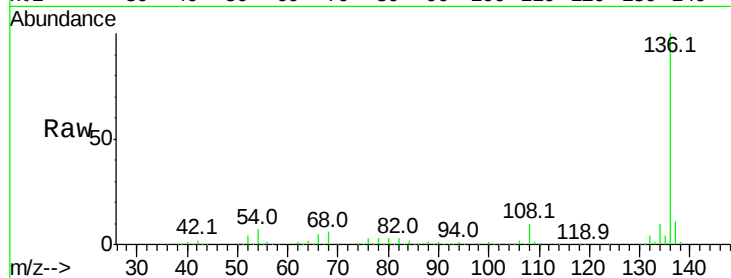




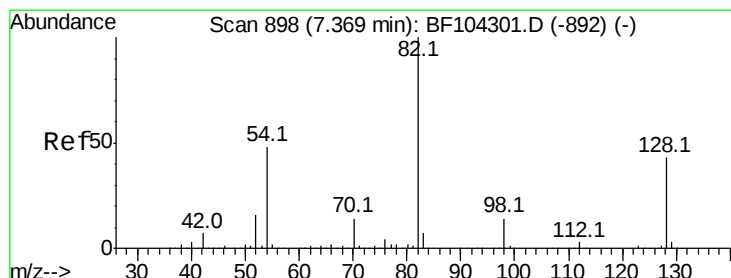
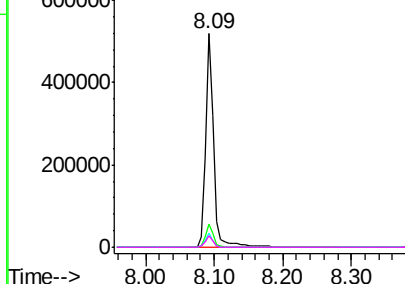
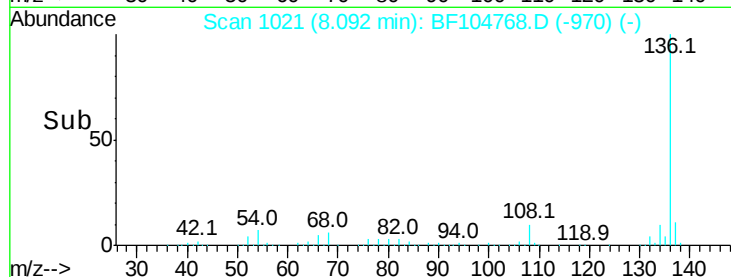
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	437472
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.6	6.6	9.8#
68	5.7	5.0	7.4

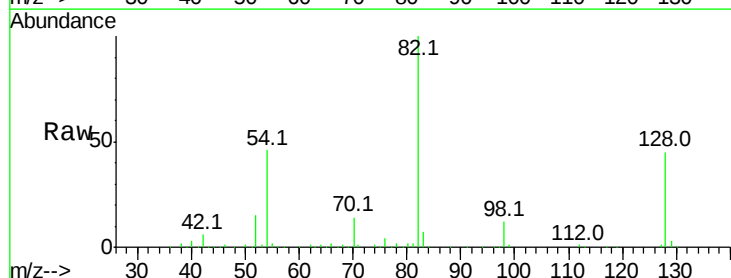


Abundance Ion 136.00 (135.70 to 136.70): E
800000
Ion 137.00 (136.70 to 137.70): E
600000
Ion 54.00 (53.70 to 54.70): BF1
400000
Ion 68.00 (67.70 to 68.70): BF1
200000
0

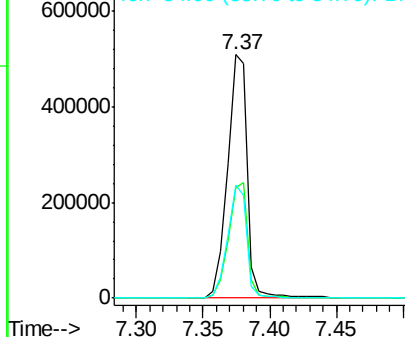
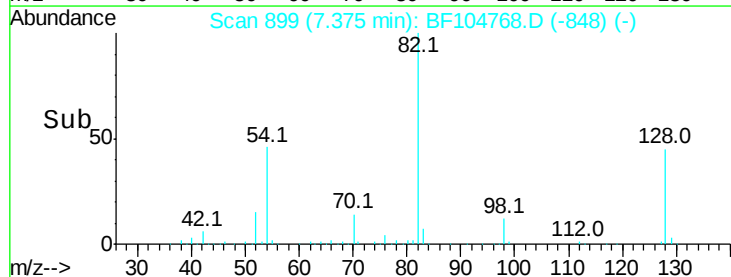


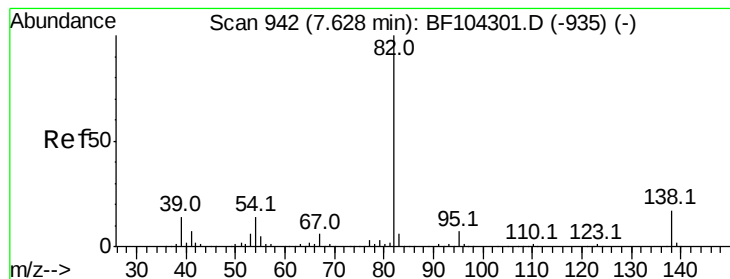
#23
Nitrobenzene-d5
Concen: 79.447 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.00 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Tgt Ion:	82	Resp:	532262
Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	46.2	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
600000
Ion 128.00 (127.70 to 128.70): E
400000
Ion 54.00 (53.70 to 54.70): BF1
200000
0





#25

Isophorone

Concen: 37.569 ng

RT: 7.37 min Scan# 899

Delta R.T. -0.25 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

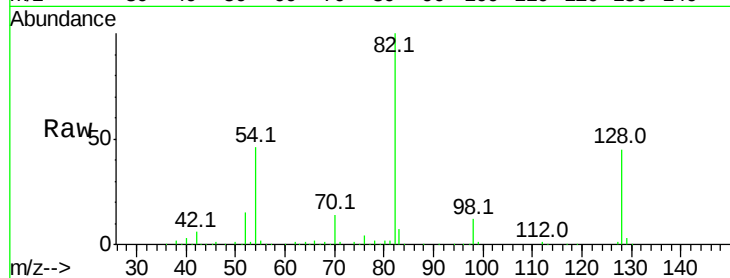
Tot Ion: 82 Resp: 532253

Ion Ratio Lower Upper

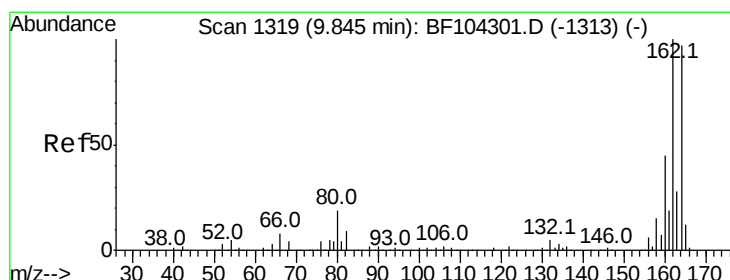
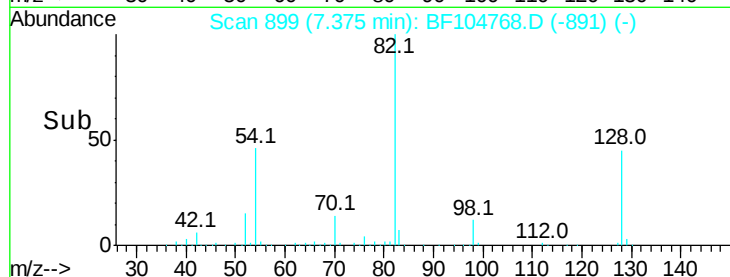
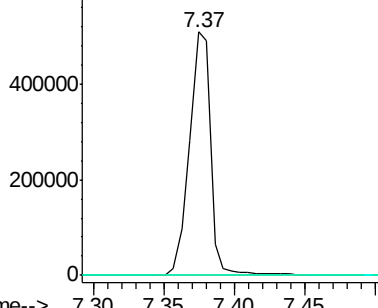
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

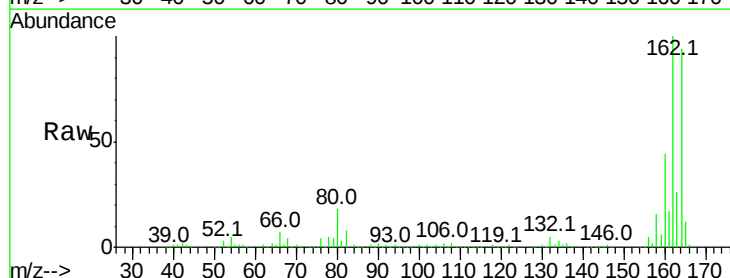
Tgt Ion:164 Resp: 183380

Ion Ratio Lower Upper

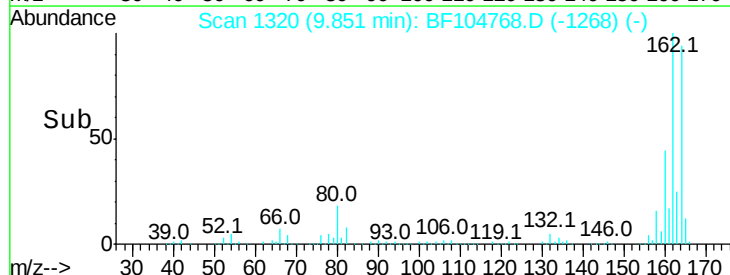
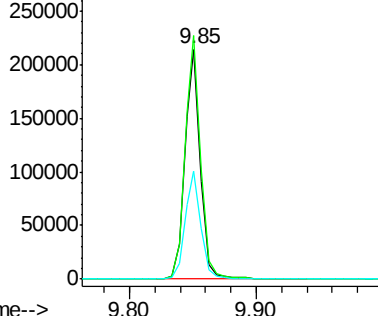
164 100

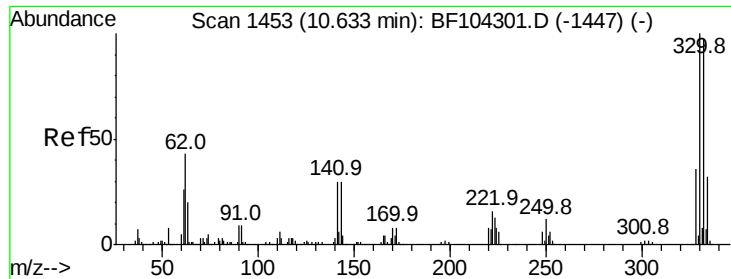
162 106.0 86.1 129.1

160 46.8 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

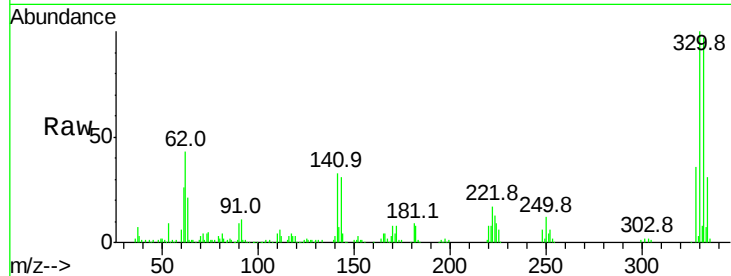




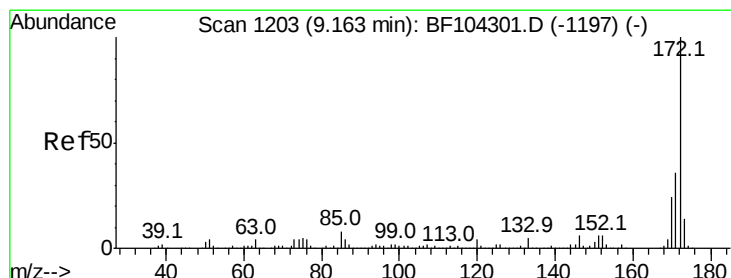
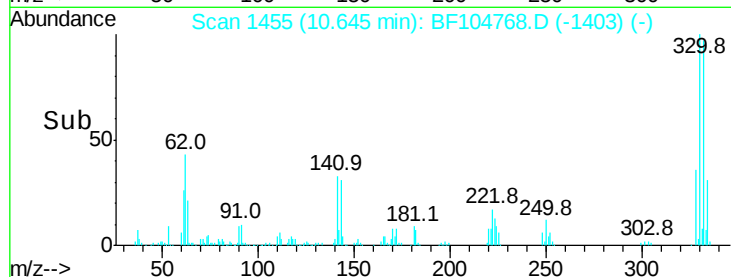
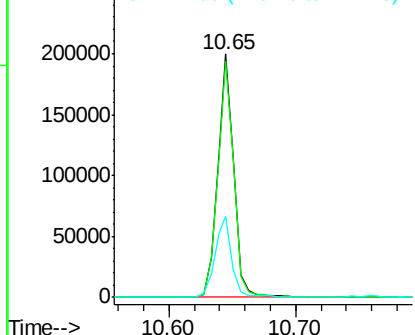
#41
 2,4,6-Tribromophenol
 Concen: 93.356 ng
 RT: 10.65 min Scan# 1455
 Delta R.T. 0.01 min
 Lab File: BF104768.D
 Acq: 24 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.8	77.0	115.6
141	34.1	29.9	44.9

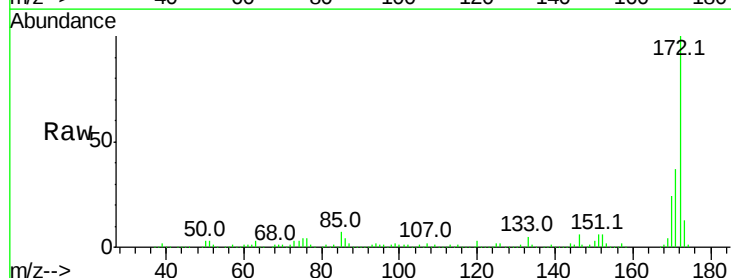


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

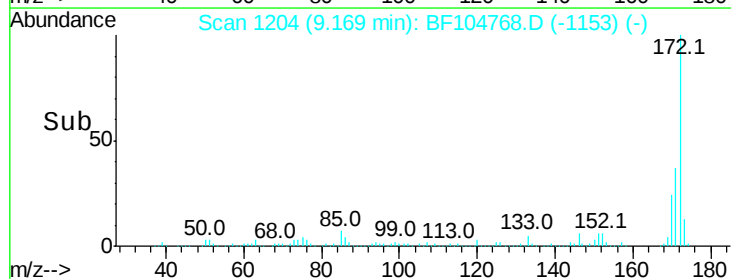
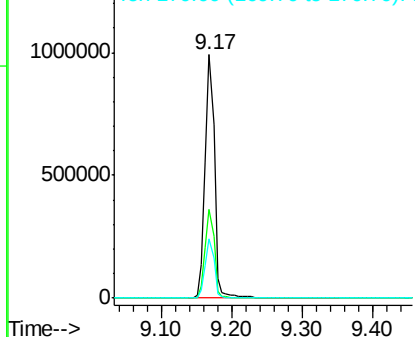


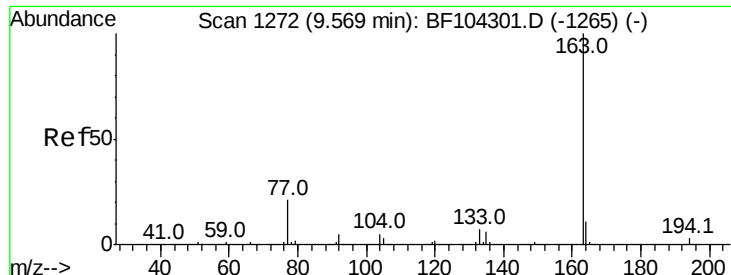
#44
 2-Fluorobiphenyl
 Concen: 79.237 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF104768.D
 Acq: 24 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.7	44.5
170	24.2	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

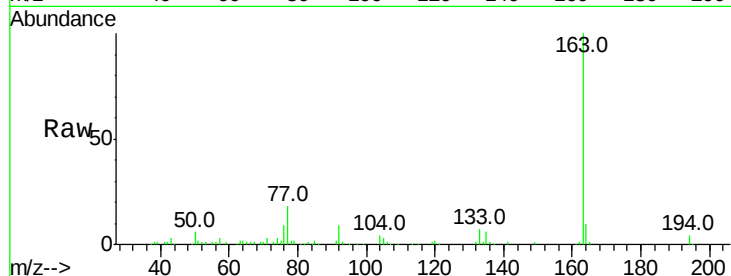




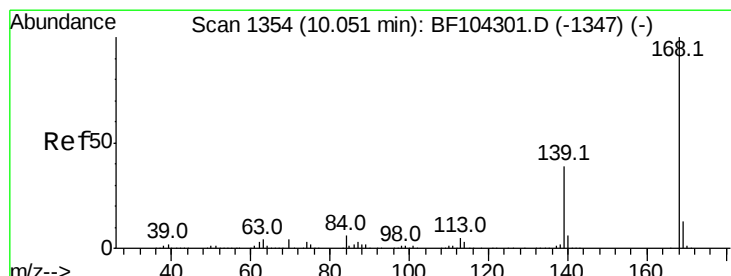
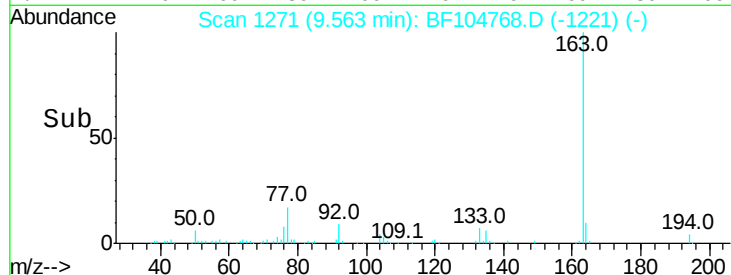
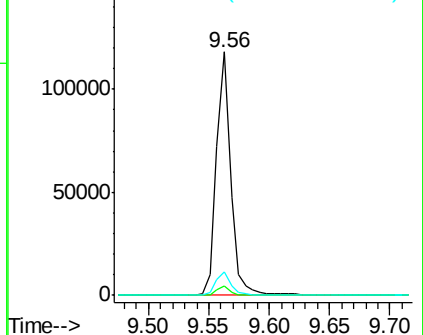
#49
Dimethylphthalate
Concen: 6.651 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.01 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 96183
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.8 8.2 12.2

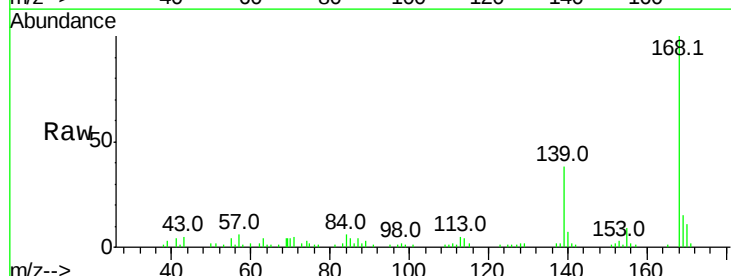


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

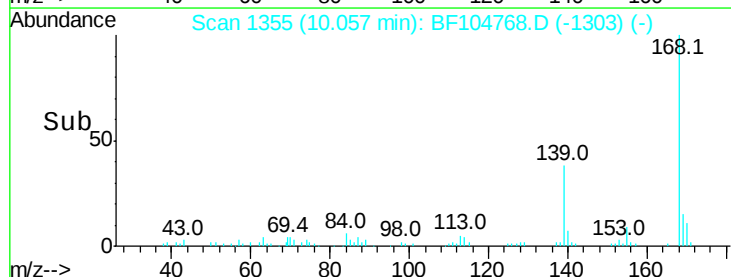
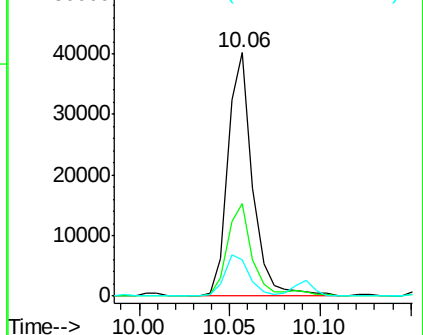


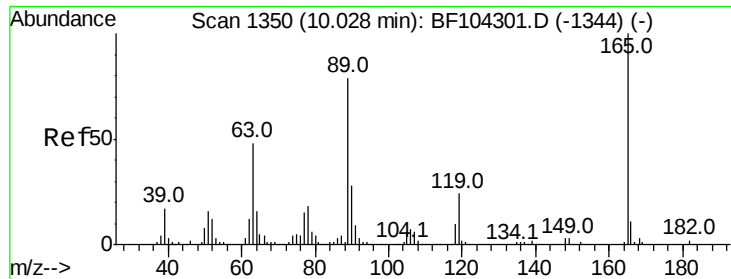
#54
Dibenzofuran
Concen: 2.349 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Tgt Ion:168 Resp: 38127
Ion Ratio Lower Upper
168 100
139 37.8 30.1 45.1
169 14.8 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

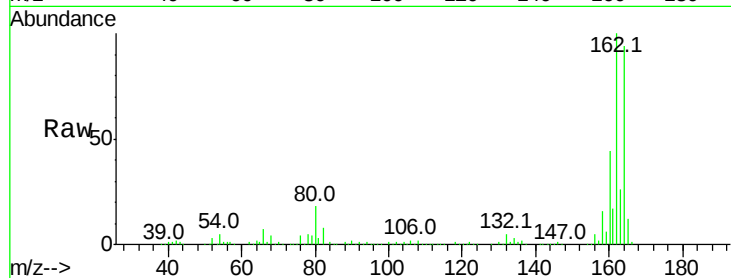




#56
2,4-Dinitrotoluene
Concen: 6.914 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.19 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.9	57.8	86.6#
182	0.0	1.6	2.4#

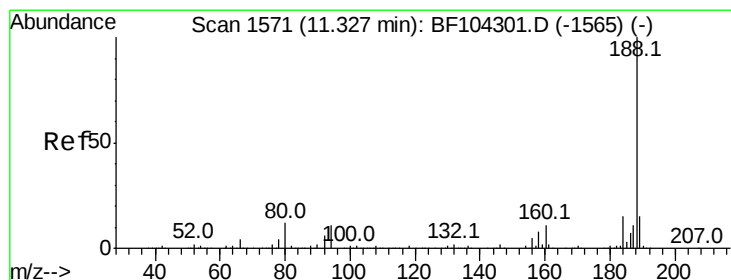
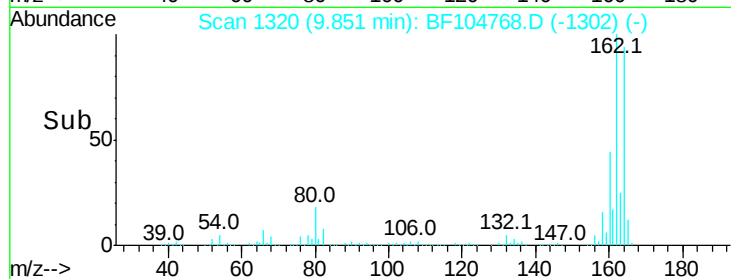
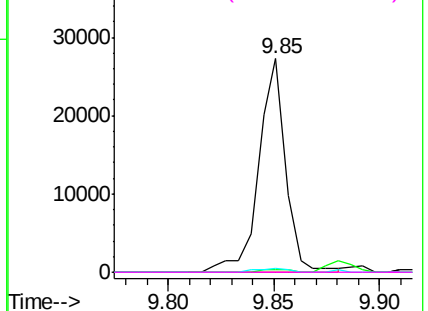


Abundance Ion 165.00 (164.70 to 165.70): E

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



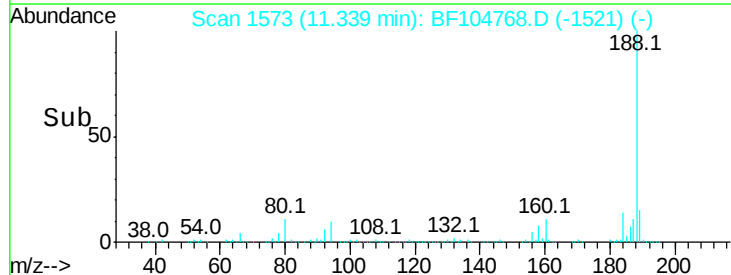
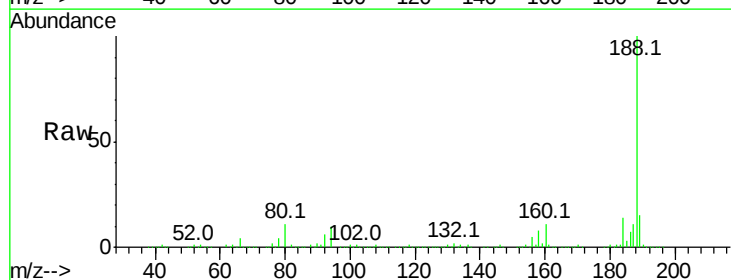
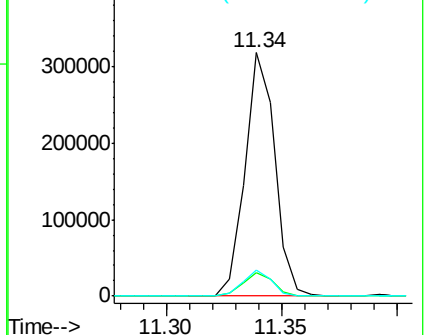
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. 0.01 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

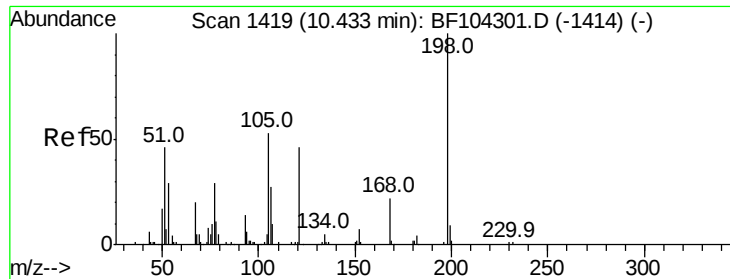
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	10.8	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

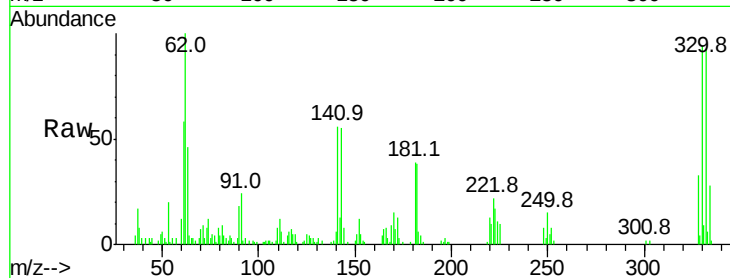




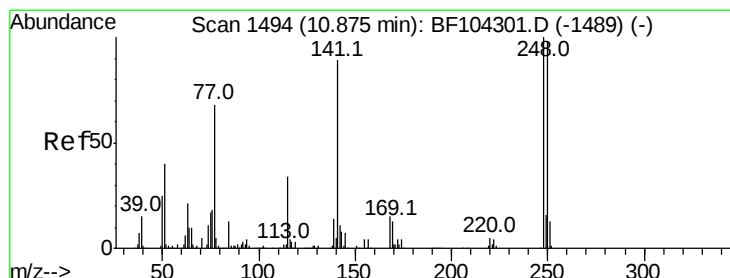
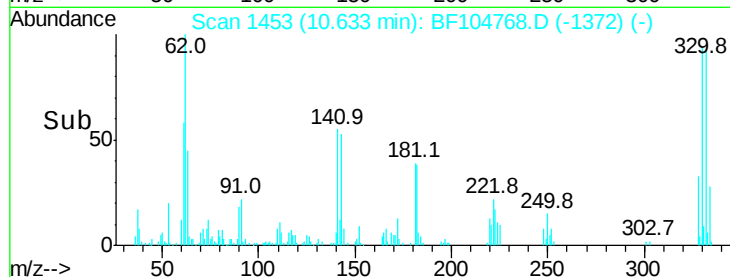
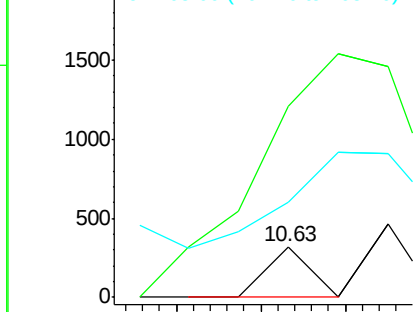
#64
4,6-Dinitro-2-methylphenol
Concen: 7.415 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.18 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 113
Ion Ratio Lower Upper
198 100
51 146.0 37.7 77.7#
105 72.5 36.3 76.3

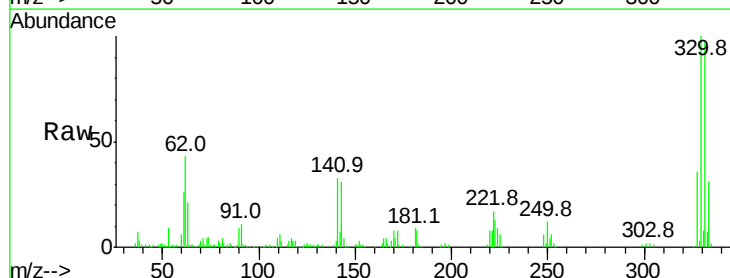


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

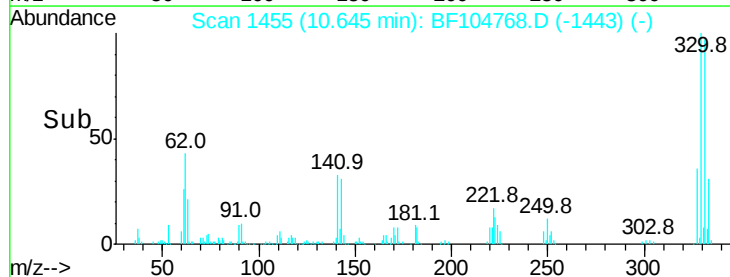
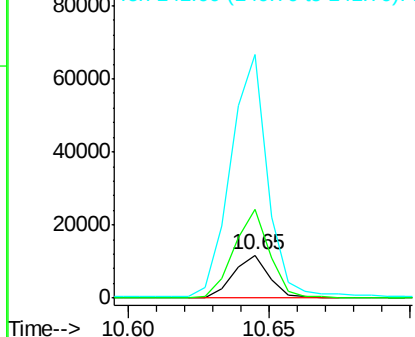


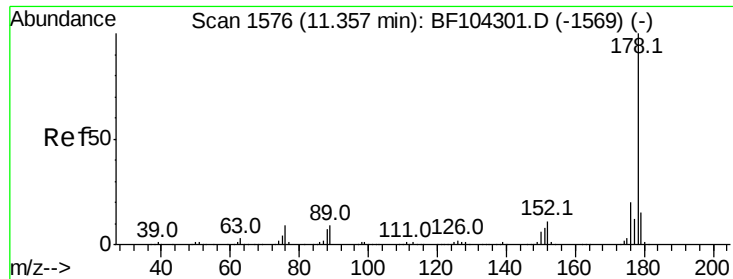
#66
4-Bromophenyl-phenylether
Concen: 3.417 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.23 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Tgt Ion:248 Resp: 10443
Ion Ratio Lower Upper
248 100
250 207.0 76.9 115.3#
141 565.0 74.4 111.6#



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

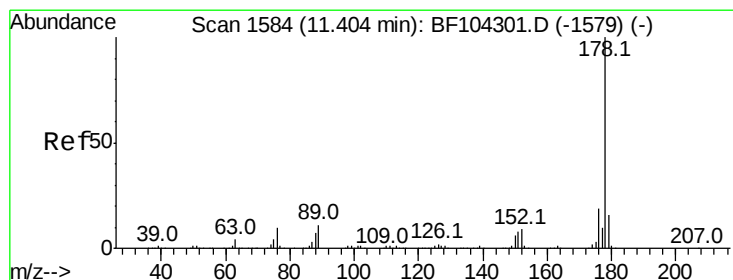
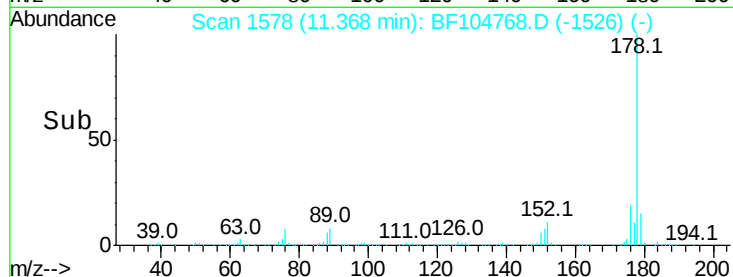
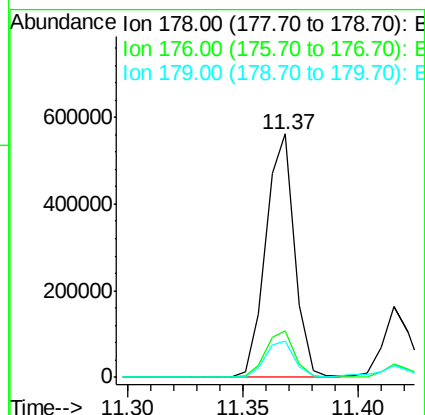
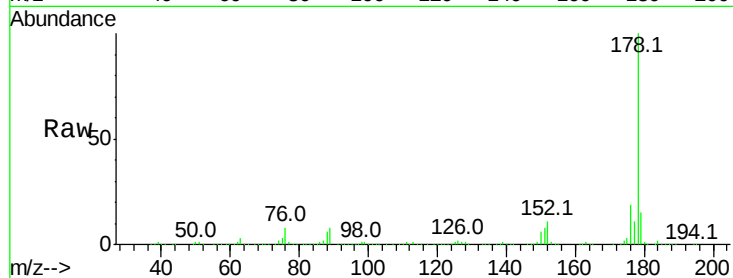




#70
Phenanthrene
Concen: 30.456 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

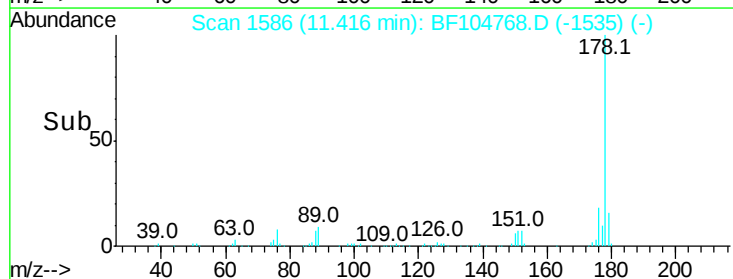
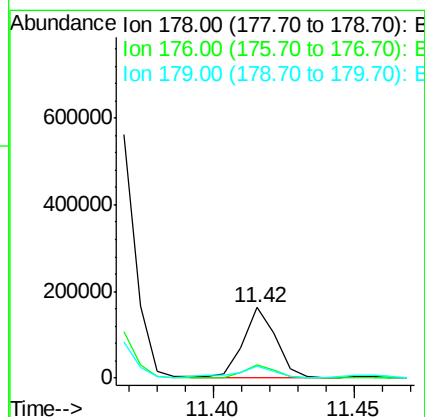
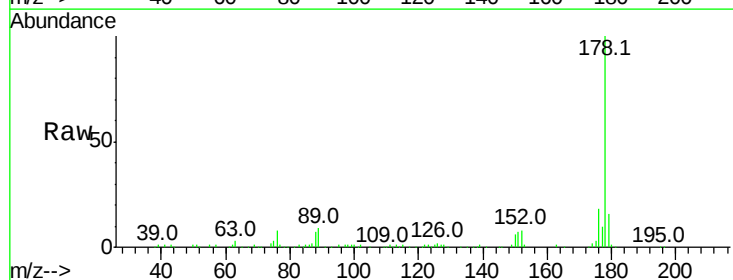
Instrument :
BNA_F
ClientSampleId :

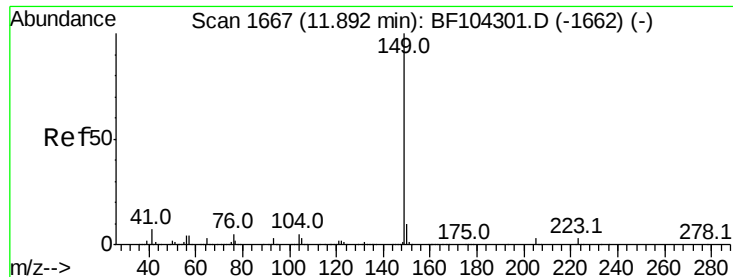
Tot Ion:178 Resp: 487301
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.8
179 14.9 13.0 19.6



#71
Anthracene
Concen: 7.963 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF104768.D
Acq: 24 Apr 2018 20:34

Tgt Ion:178 Resp: 129508
Ion Ratio Lower Upper
178 100
176 18.1 15.4 23.2
179 16.1 12.6 19.0





#73

Di-n-butylphthalate

Concen: 3.597 ng

RT: 11.90 min Scan# 1668

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

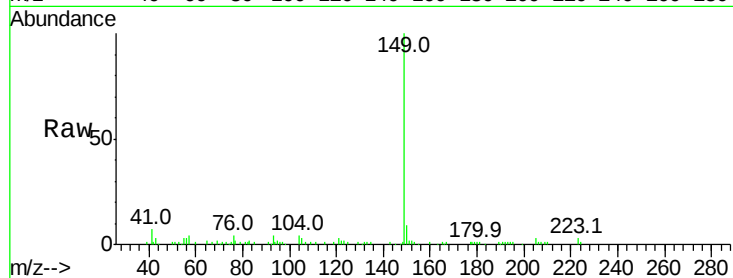
Tot Ion:149 Resp: 69842

Ion Ratio Lower Upper

149 100

150 9.3 7.8 11.6

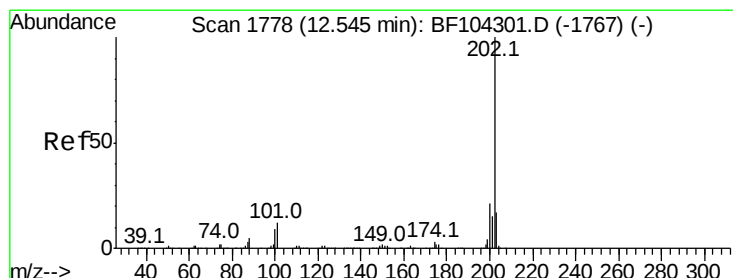
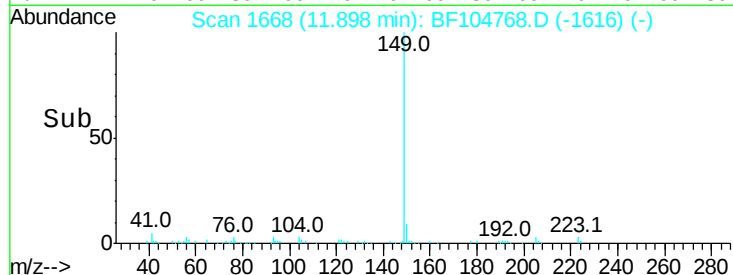
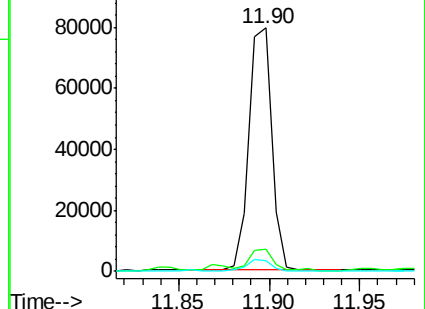
104 4.2 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 33.264 ng

RT: 12.56 min Scan# 1781

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

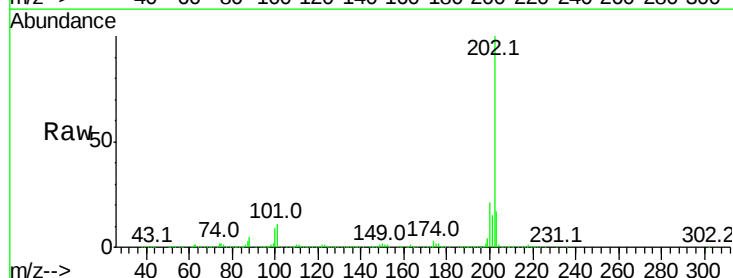
Tgt Ion:202 Resp: 556077

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.1

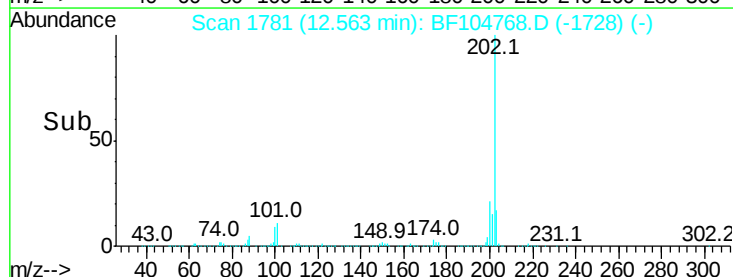
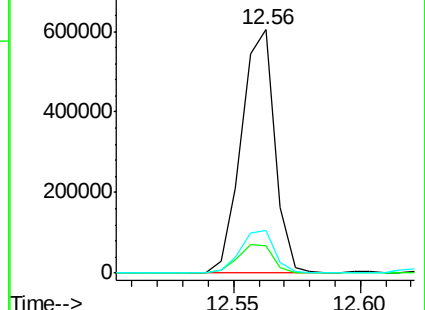
203 17.3 0.0 38.1

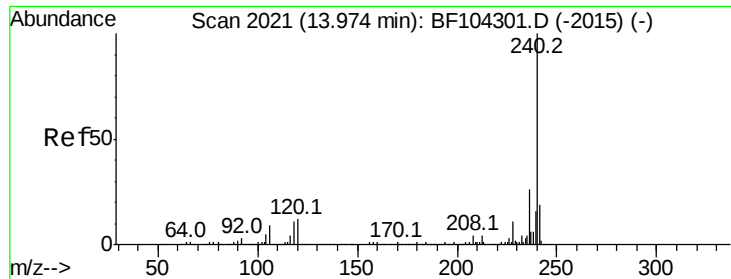


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.99 min Scan# 2024

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

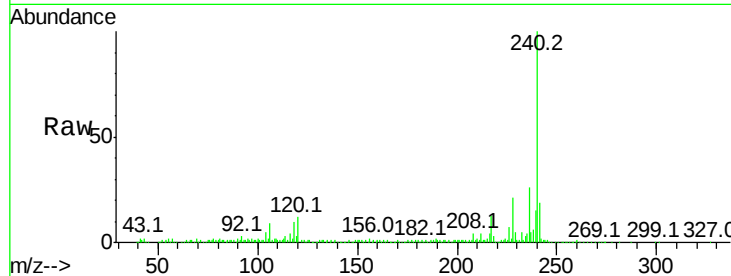
Tot Ion:240 Resp: 206811

Ion Ratio Lower Upper

240 100

120 12.2 9.5 14.3

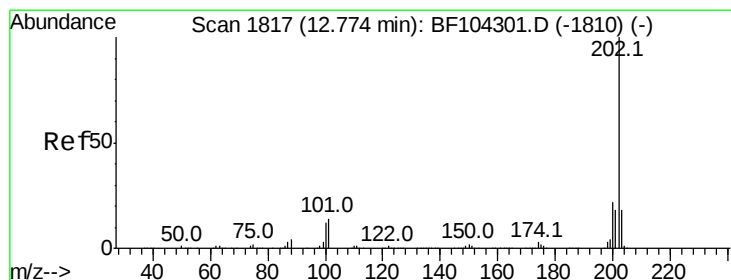
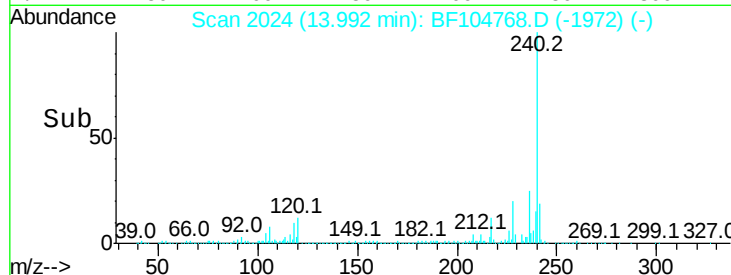
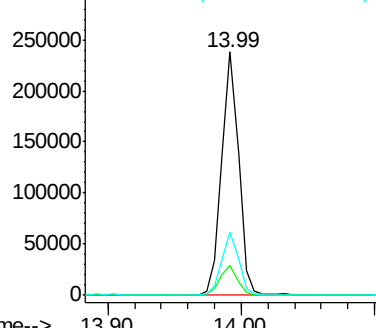
236 25.7 20.7 31.1



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: 30.527 ng

RT: 12.79 min Scan# 1820

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

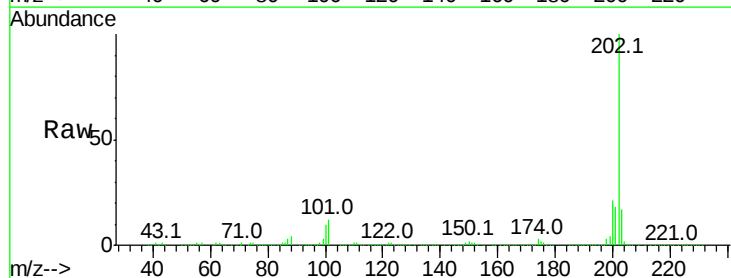
Tgt Ion:202 Resp: 467962

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

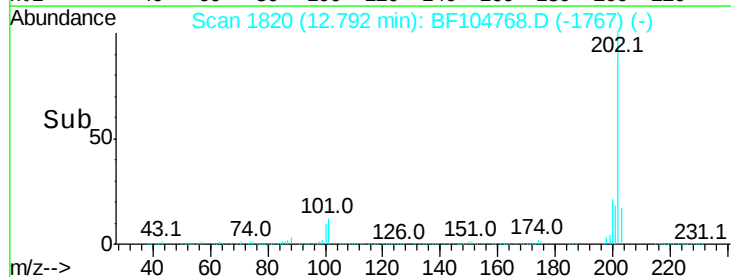
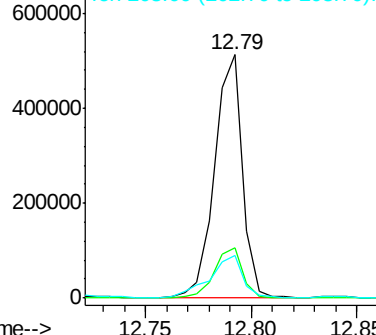
203 17.4 14.3 21.5

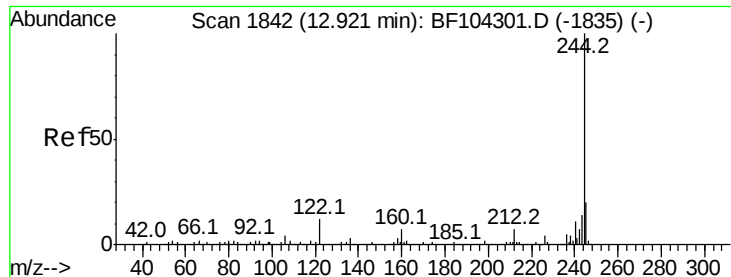


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 77.725 ng

RT: 12.93 min Scan# 1843

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

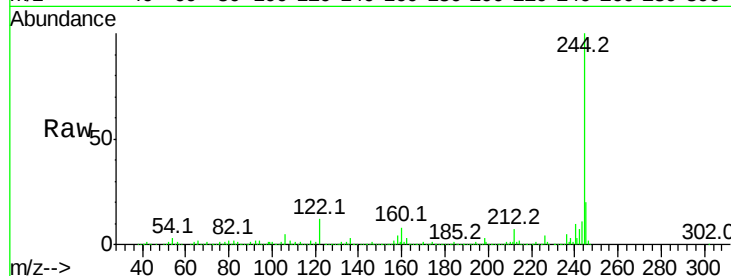
Tot Ion:244 Resp: 705073

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

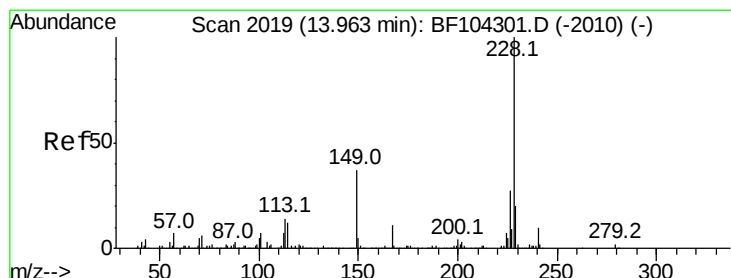
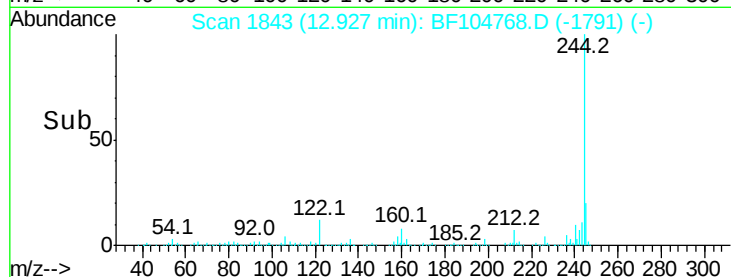
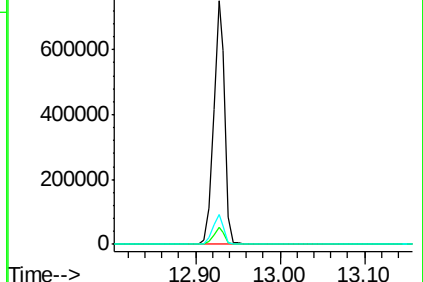
122 12.5 11.0 16.4



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: 19.106 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

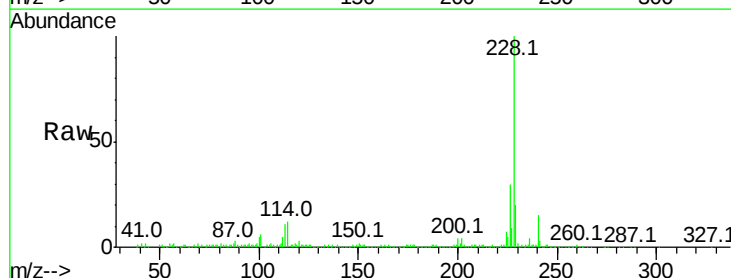
Tgt Ion:228 Resp: 236051

Ion Ratio Lower Upper

228 100

226 29.6 22.6 33.8

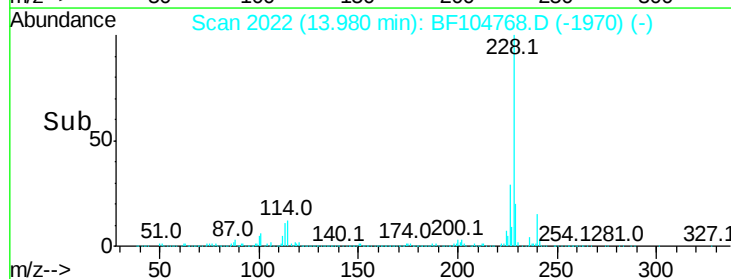
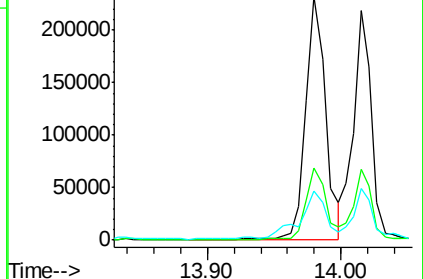
229 20.1 15.8 23.6

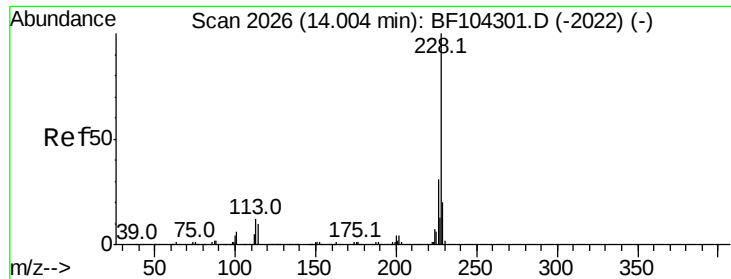


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

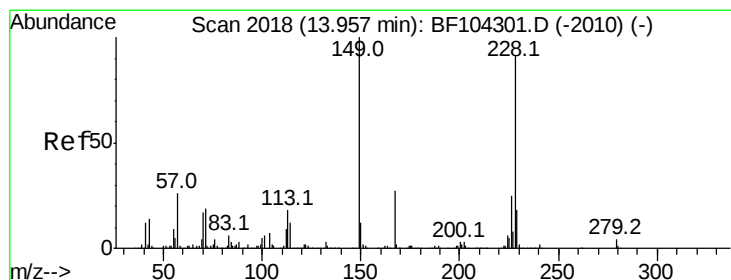
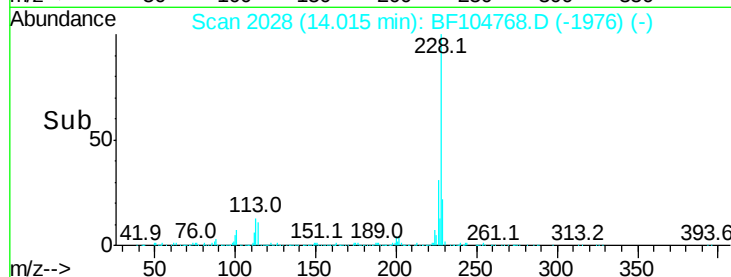
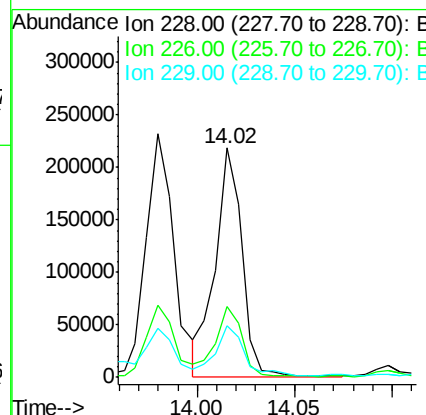
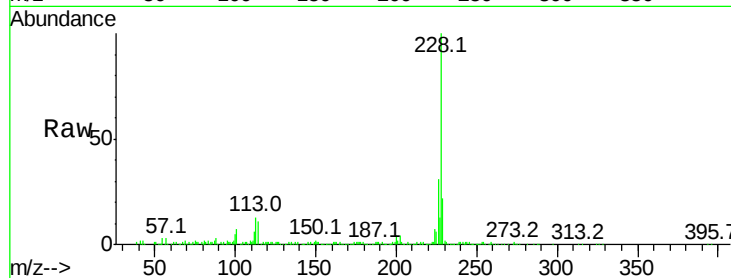




#82
 Chrysene
 Concen: 16.382 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.01 min
 Lab File: BF104768.D
 Acq: 24 Apr 2018 20:34

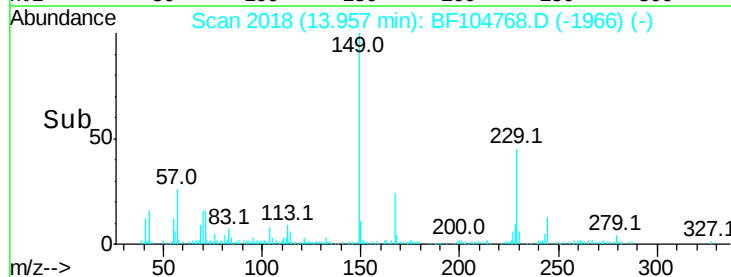
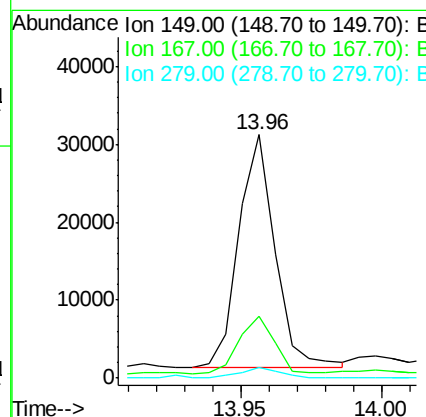
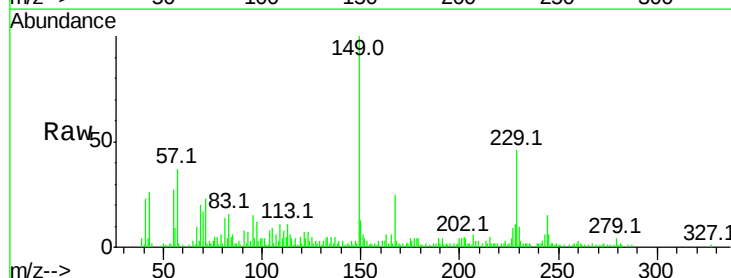
Instrument :
 BNA_F
 ClientSampled :

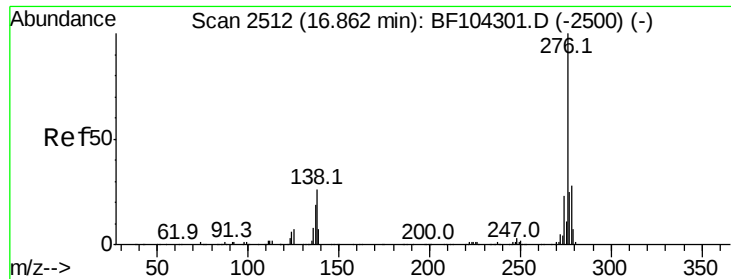
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.0	37.6
229	22.3	16.2	24.4



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.861 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. 0.01 min
 Lab File: BF104768.D
 Acq: 24 Apr 2018 20:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.3	21.3	31.9
279	4.2	3.0	4.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 6.561 ng

RT: 16.93 min Scan# 2524

Delta R.T. 0.02 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampled :

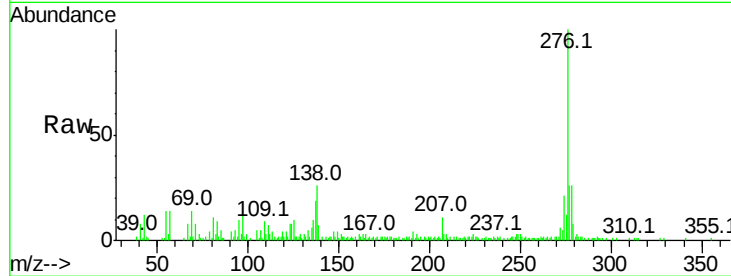
Tot Ion:276 Resp: 70727

Ion Ratio Lower Upper

276 100

138 22.0 25.0 37.6#

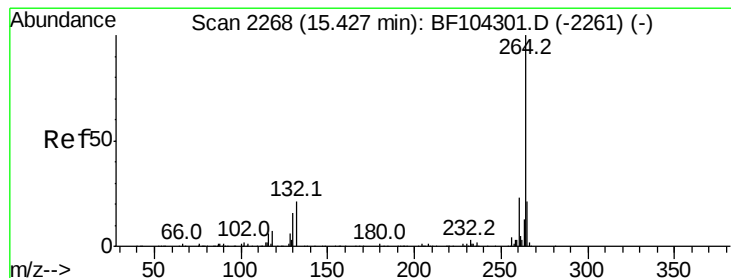
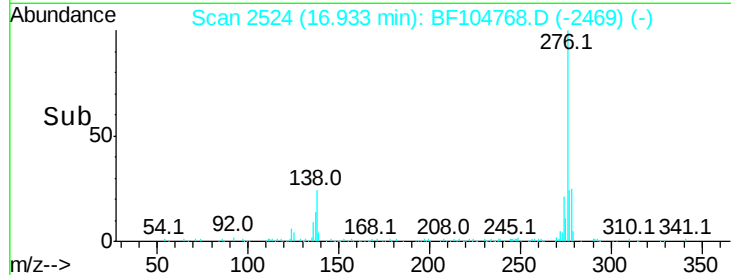
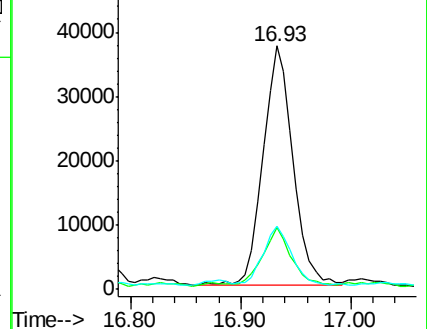
277 23.3 20.1 30.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. 0.02 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

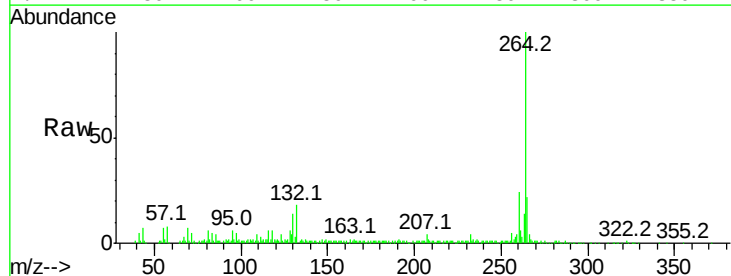
Tgt Ion:264 Resp: 146468

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

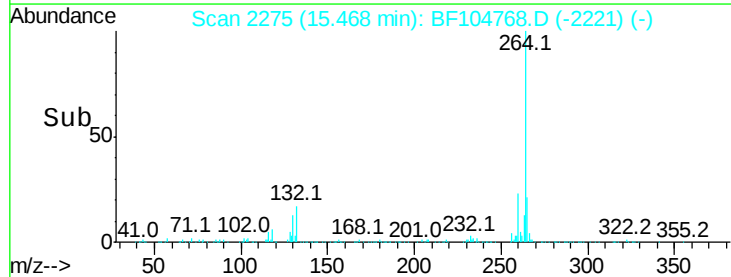
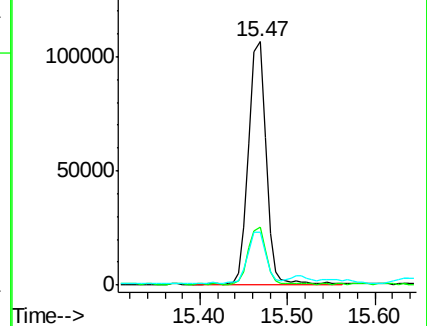
265 21.9 17.5 26.3

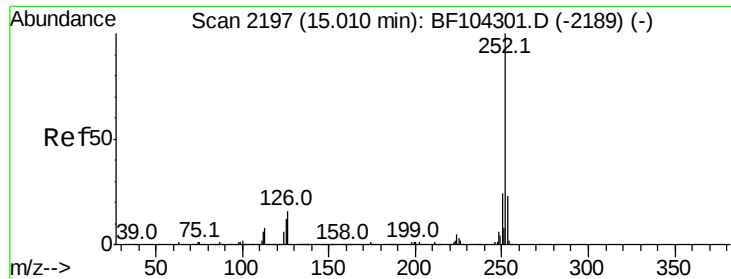


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 27.980 ng

RT: 15.04 min Scan# 2202

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

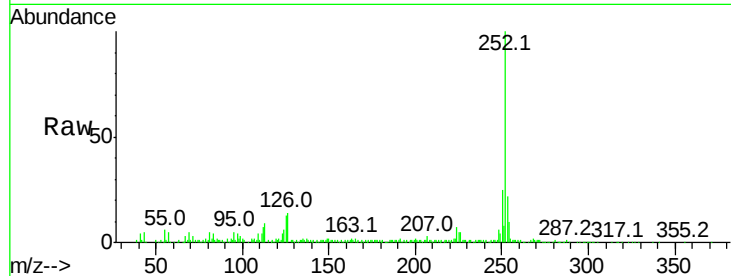
Tot Ion:252 Resp: 258832

Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

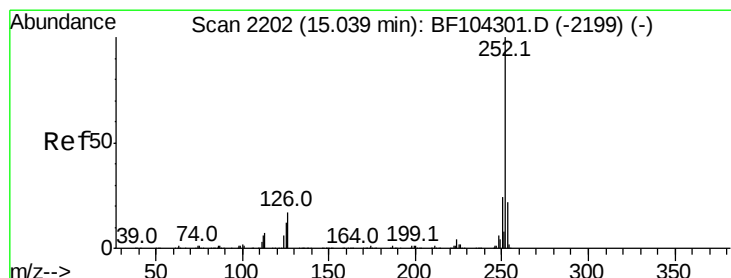
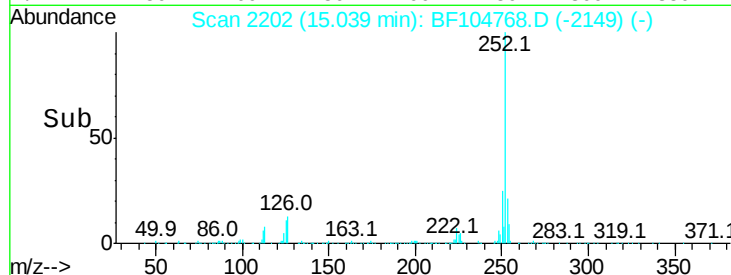
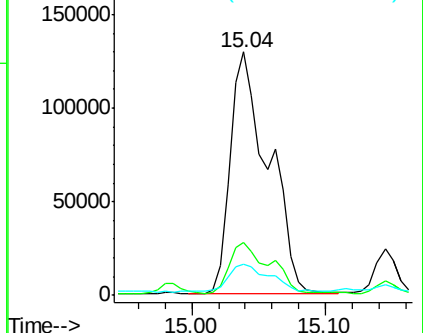
125 12.7 9.0 13.6



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: 29.637 ng

RT: 15.04 min Scan# 2202

Delta R.T. -0.02 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

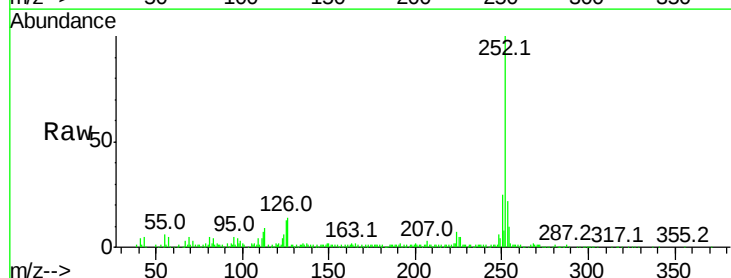
Tgt Ion:252 Resp: 258832

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

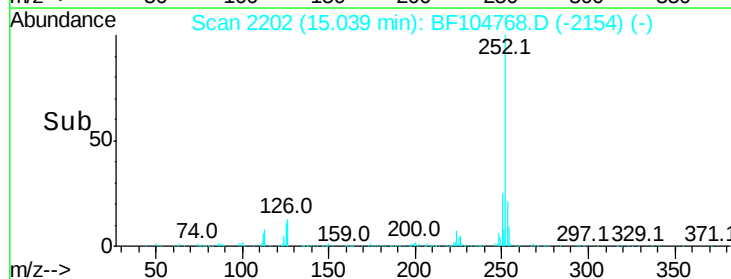
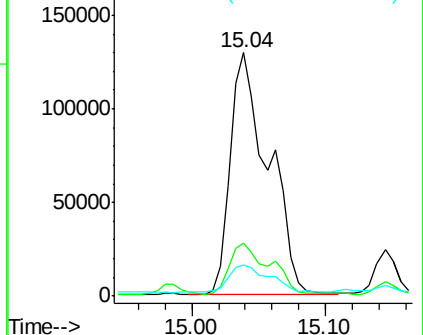
125 12.7 10.2 15.2

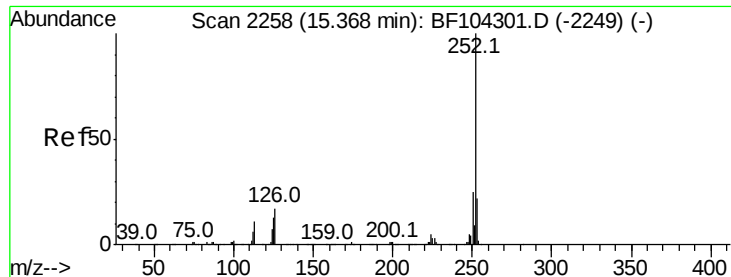


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 13.754 ng

RT: 15.40 min Scan# 2264

Delta R.T. 0.01 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

Instrument :

BNA_F

ClientSampleId :

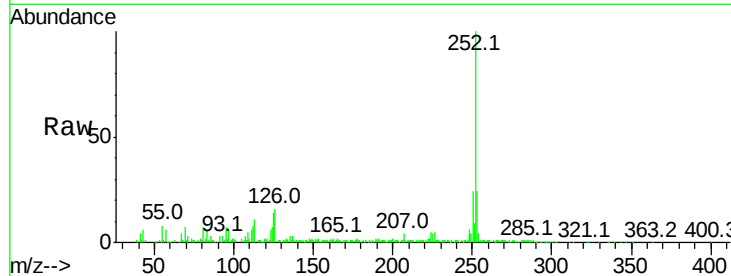
Tot Ion:252 Resp: 113839

Ion Ratio Lower Upper

252 100

253 24.0 17.1 25.7

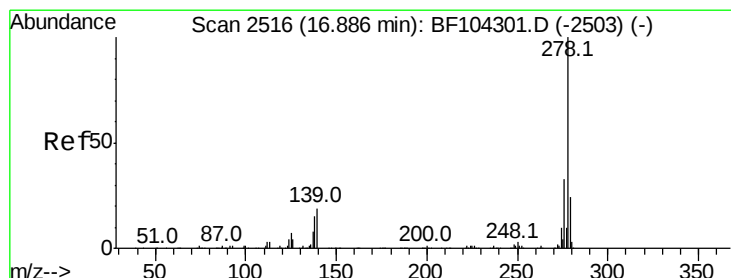
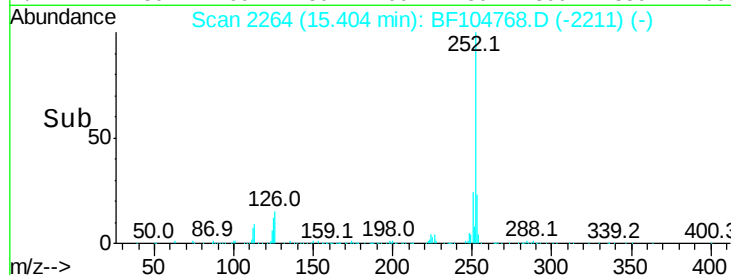
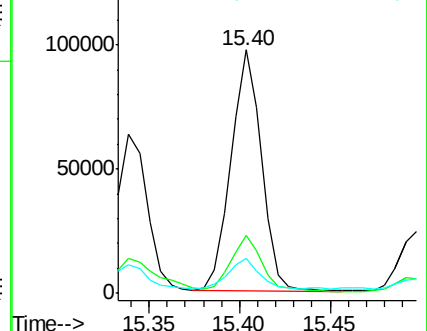
125 14.1 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 3.056 ng

RT: 16.94 min Scan# 2526

Delta R.T. 0.02 min

Lab File: BF104768.D

Acq: 24 Apr 2018 20:34

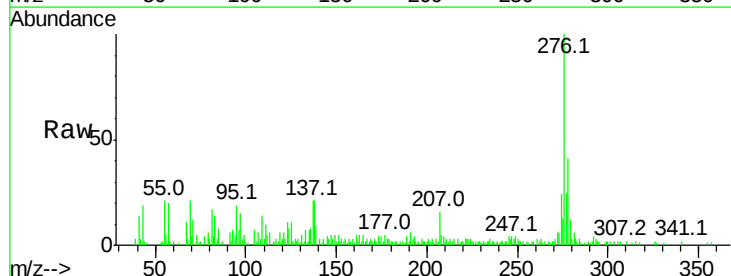
Tgt Ion:278 Resp: 20773

Ion Ratio Lower Upper

278 100

139 22.1 15.9 23.9

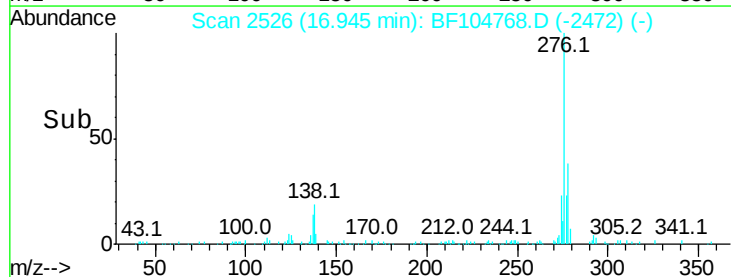
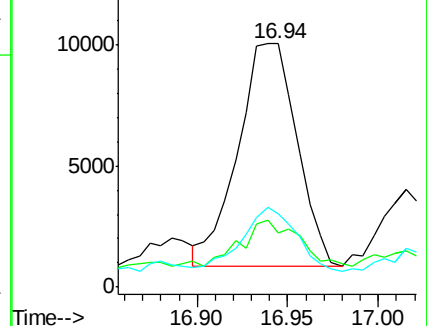
279 30.1 19.0 28.4#

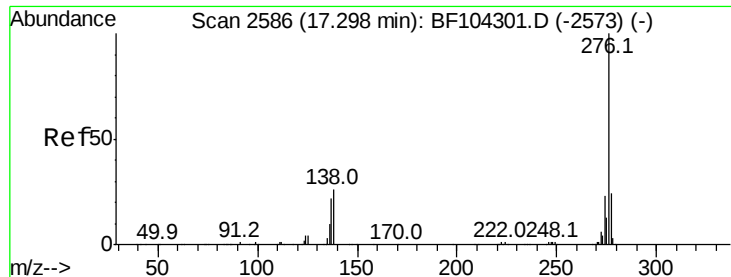


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

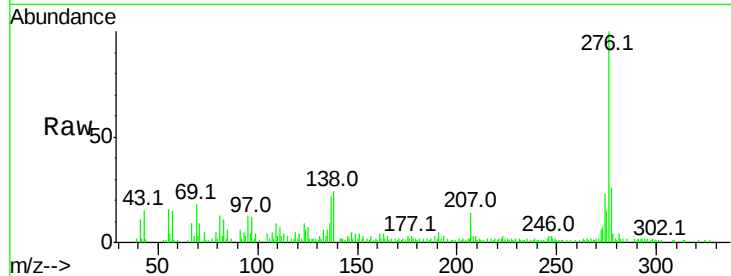




#91
 Benzo(a,h,i)perylene
 Concen: 9.600 ng
 RT: 17.38 min Scan# 2600
 Delta R.T. 0.03 min
 Lab File: BF104768.D
 Acq: 24 Apr 2018 20:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	26.0	17.9	26.9
138	23.8	21.8	32.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

