

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104667.D
 Acq On : 20 Apr 2018 12:07
 Operator : JU/SJ
 Sample : J2407-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-A

Quant Time: Apr 20 14:50:28 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	105051	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	388005	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	120465	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	248618	20.00	ng	0.00
75) Chrysene-d12	13.98	240	252743	20.00	ng	0.00
86) Perylene-d12	15.44	264	250051	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	566982	82.53	ng	0.00
7) Phenol-d6	6.44	99	681599	80.74	ng	0.00
23) Nitrobenzene-d5	7.37	82	422059	71.03	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	135183	108.18	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	676486	88.71	ng	0.00
78) Terphenyl-d14	12.92	244	596295	53.79	ng	0.00

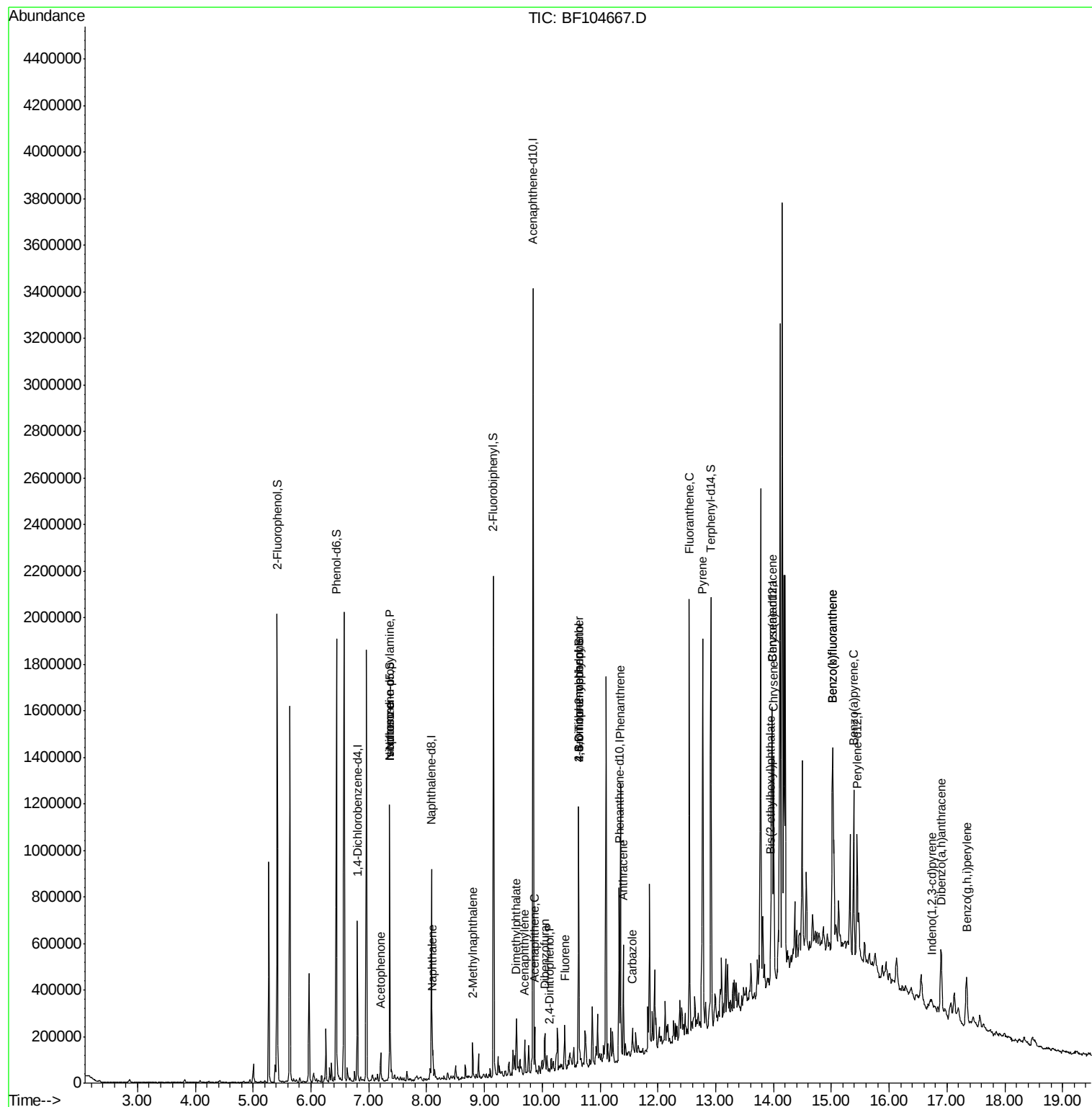
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.36	70	56001	10.152	ng	# 73
22) Acetophenone	7.21	105	38280	4.007	ng	# 92
25) Isophorone	7.37	82	418287	33.289	ng	# 64
31) Naphthalene	8.10	128	65794	3.405	ng	99
37) 2-Methylnaphthalene	8.80	142	34379	2.751	ng	97
48) Acenaphthylene	9.70	152	45853	3.656	ng	98
49) Dimethylphthalate	9.55	163	74267	7.818	ng	100
51) Acenaphthene	9.87	154	37718	4.929	ng	98
53) 2,4-Dinitrophenol	10.13	184	115	5.365	ng	# 1
54) Dibenzofuran	10.05	168	44024	4.128	ng	97
57) Fluorene	10.39	166	46177	5.949	ng	99
64) 4,6-Dinitro-2-methylphenol	10.63	198	132	7.439	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8173	3.091	ng	# 1
70) Phenanthrene	11.35	178	438563	31.676	ng	100
71) Anthracene	11.40	178	168468	11.970	ng	98
72) Carbazole	11.56	167	39875	2.899	ng	98
74) Fluoranthene	12.54	202	719850	49.762	ng	100
76) Benzidine	12.70	184	372	Below Cal		# 1
77) Pyrene	12.77	202	705140	37.639	ng	100
80) Benzo(a)anthracene	13.97	228	384130	25.441	ng	96
82) Chrysene	14.00	228	358167	23.094	ng	98
83) Bis(2-ethylhexyl)phthalate	13.95	149	26645	2.347	ng	97
85) Indeno(1,2,3-cd)pyrene	16.74	276	31524	2.393	ng	97
87) Benzo(b)fluoranthene	15.02	252	670607	42.463	ng	96
88) Benzo(k)fluoranthene	15.02	252	670607	44.978	ng	99
89) Benzo(a)pyrene	15.39	252	319608	22.618	ng	97
90) Dibenzo(a,h)anthracene	16.90	278	44546	3.838	ng	# 87
91) Benzo(g,h,i)perylene	17.34	276	167263	14.876	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: 6.80 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

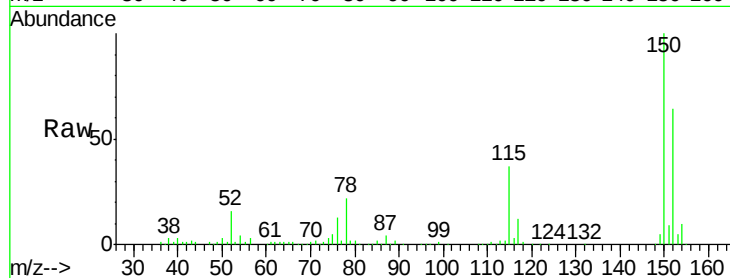
Tot Ion:152 Resp: 105051

Ion Ratio Lower Upper

152 100

150 155.3 124.6 186.8

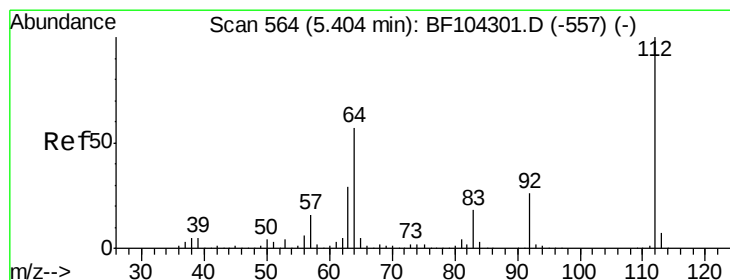
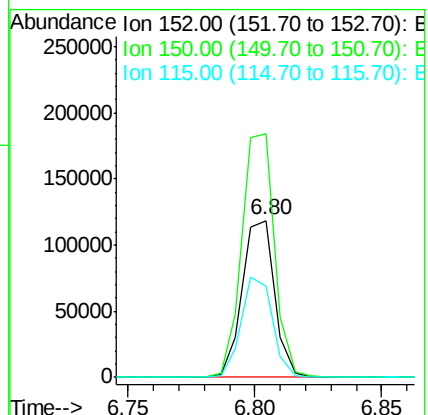
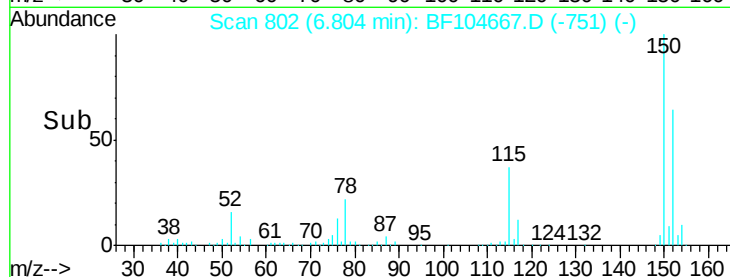
115 58.1 50.1 75.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 82.526 ng

RT: 5.42 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

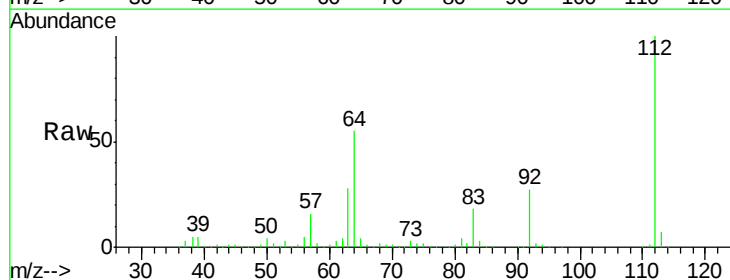
Tgt Ion:112 Resp: 566982

Ion Ratio Lower Upper

112 100

64 55.5 47.9 71.9

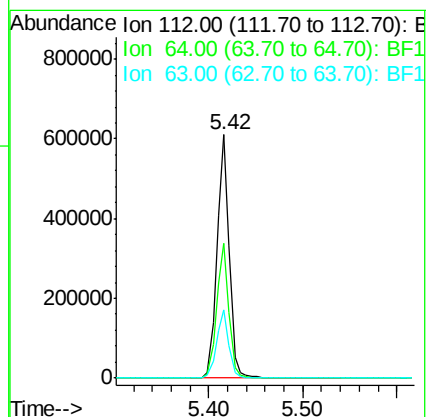
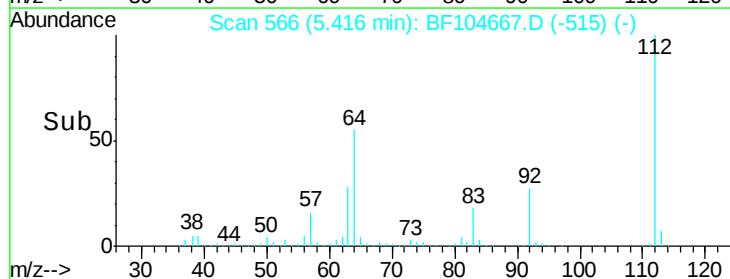
63 28.1 23.7 35.5

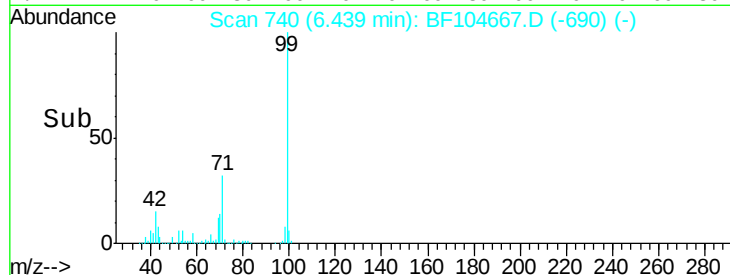
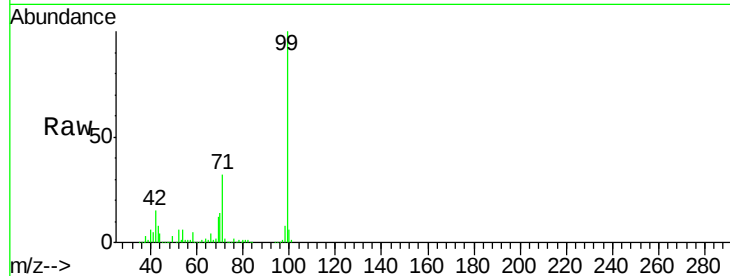
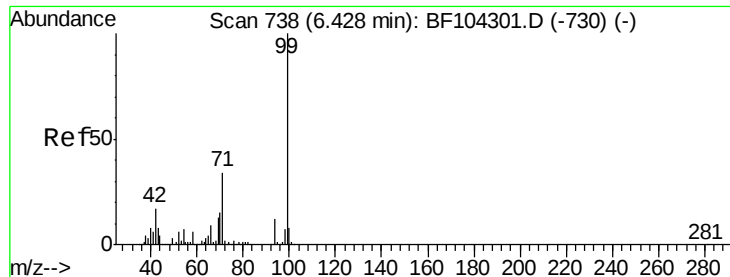


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 80.745 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

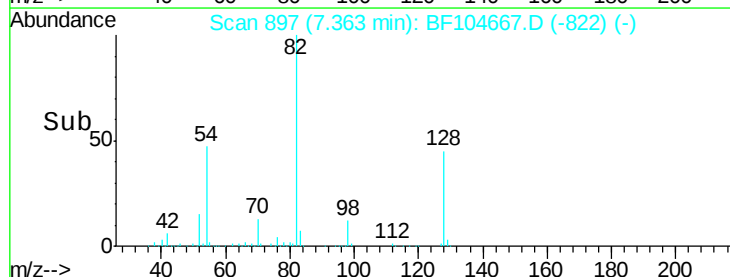
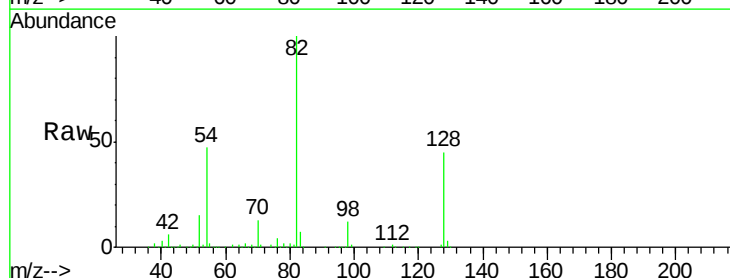
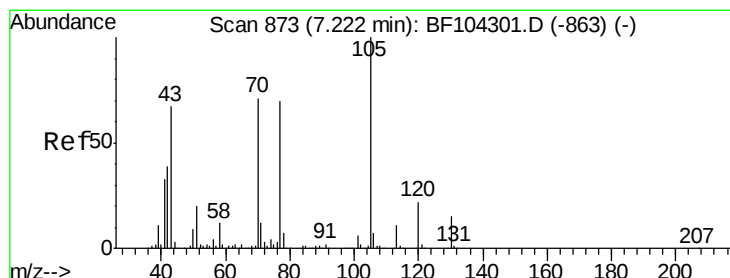
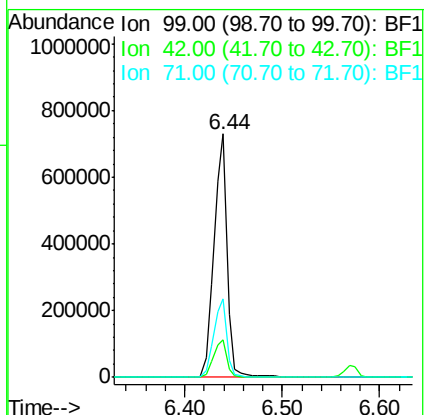
Tot Ion: 99 Resp: 681599

Ion Ratio Lower Upper

99 100

42 15.4 14.5 21.7

71 32.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.152 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.14 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Tgt Ion: 70 Resp: 56001

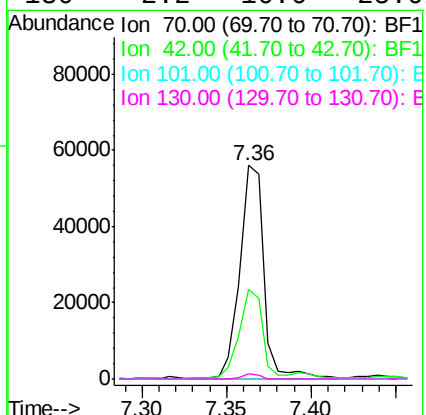
Ion Ratio Lower Upper

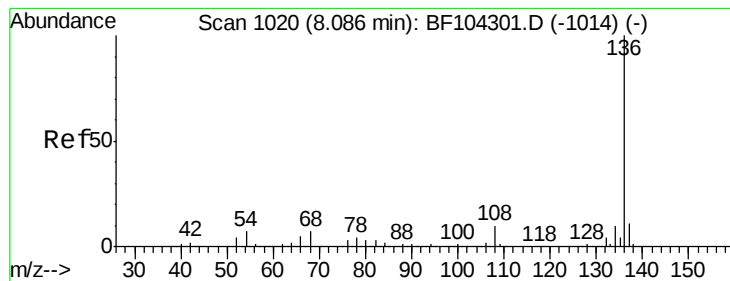
70 100

42 42.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.2 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

Tot Ion:136 Resp: 388005

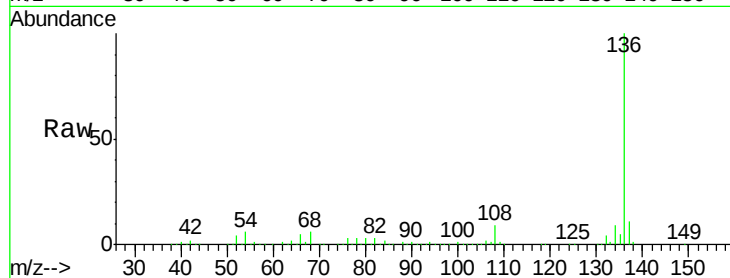
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 6.4 6.6 9.8#

68 5.7 5.0 7.4

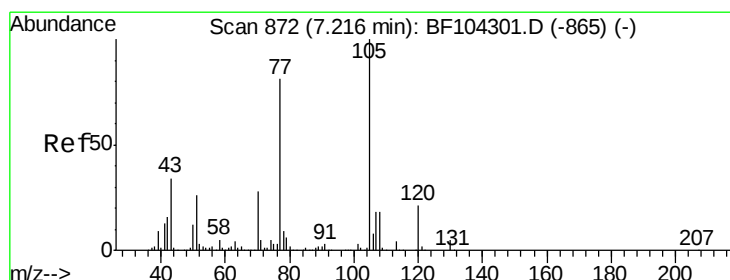
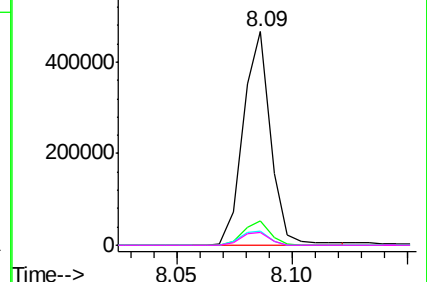
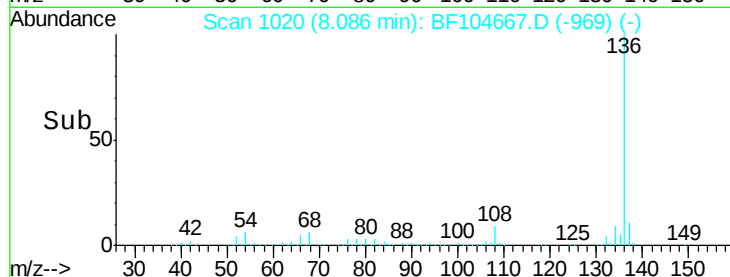


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 4.007 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Tgt Ion:105 Resp: 38280

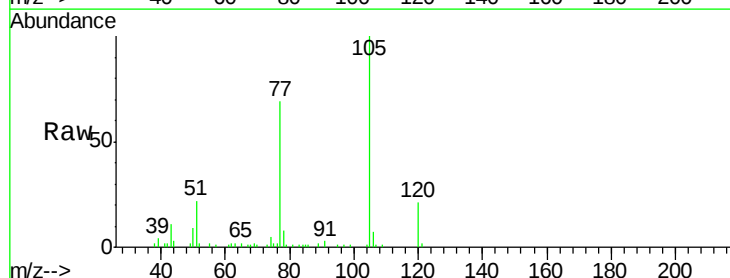
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 21.9 22.3 33.5#

120 21.2 16.9 25.3

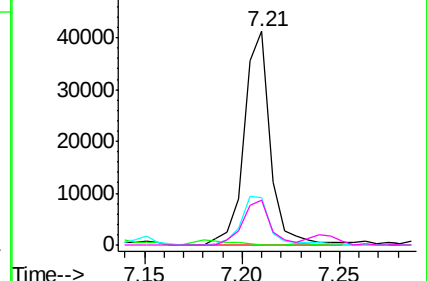
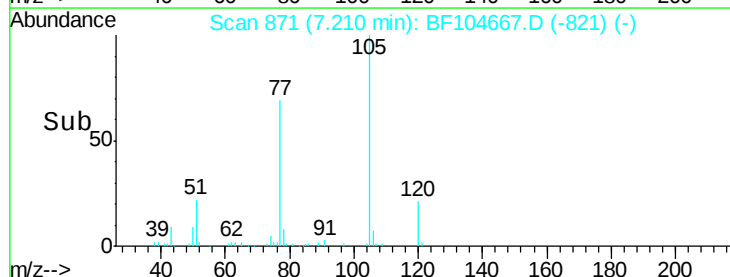


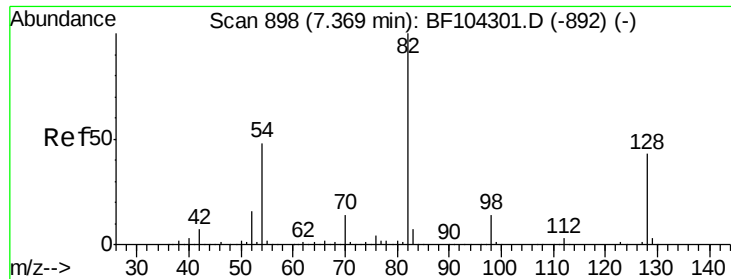
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

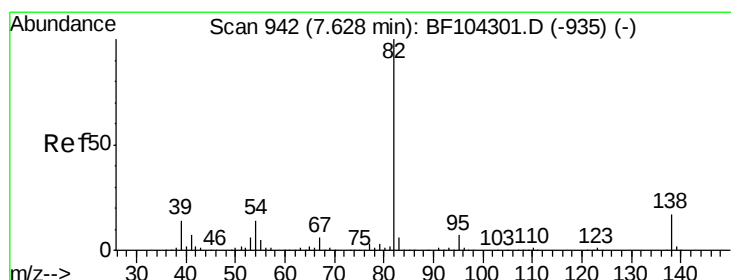
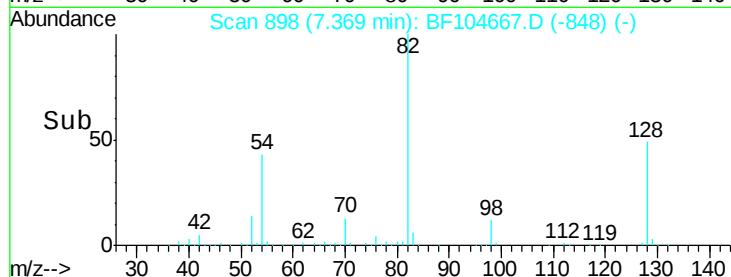
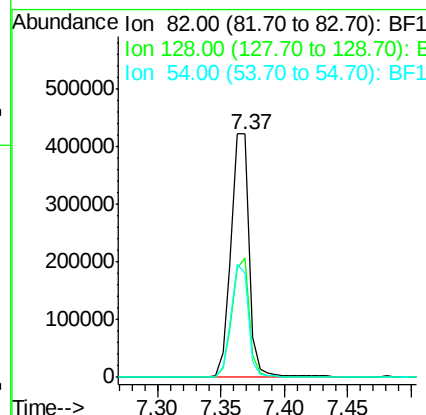
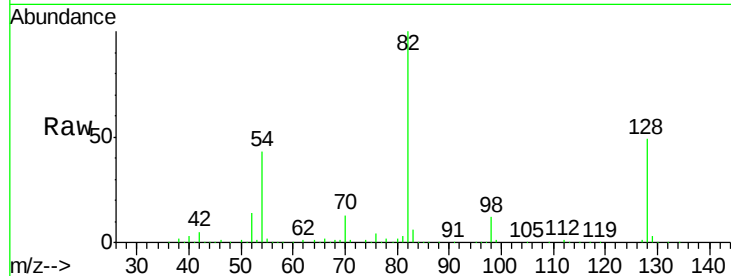




#23
 Nitrobenzene-d5
 Concen: 71.029 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

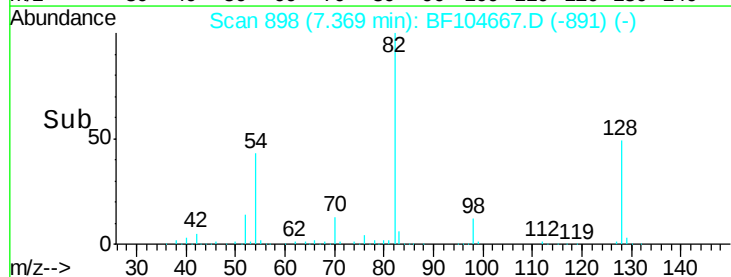
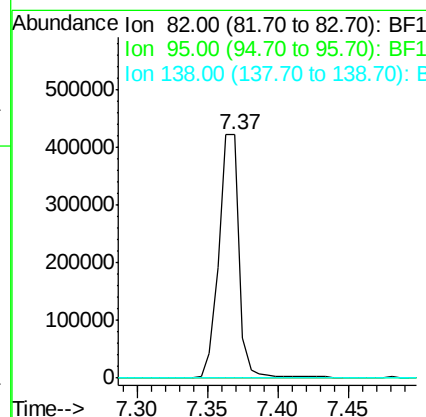
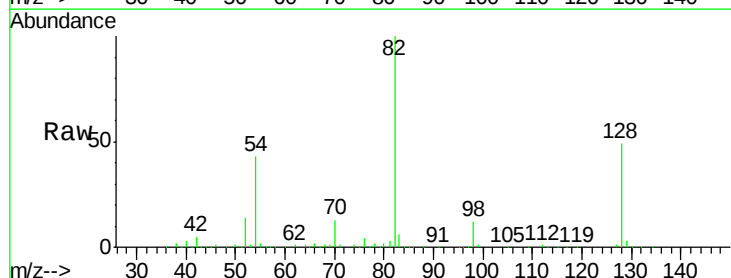
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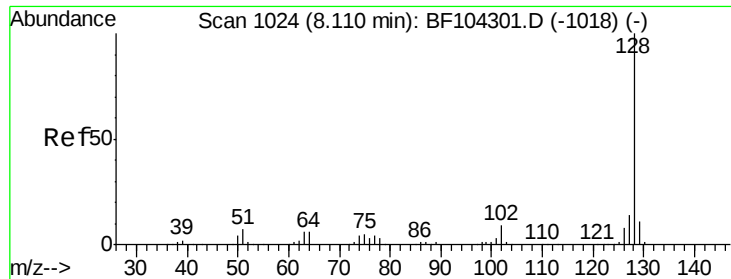
Tot Ion: 82 Resp: 422059
 Ion Ratio Lower Upper
 82 100
 128 48.8 36.1 54.1
 54 42.6 41.4 62.2



#25
 Isophorone
 Concen: 33.289 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Tgt Ion: 82 Resp: 418287
 Ion Ratio Lower Upper
 82 100
 95 0.2 5.2 7.8#
 138 0.0 14.9 22.3#

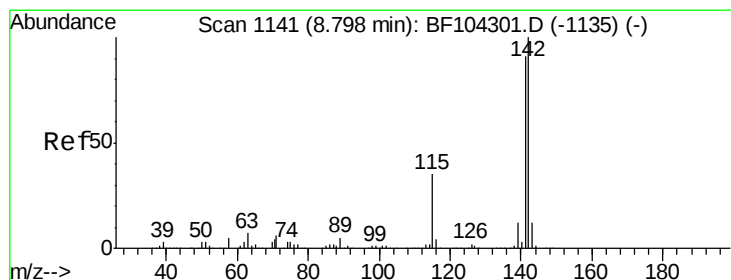
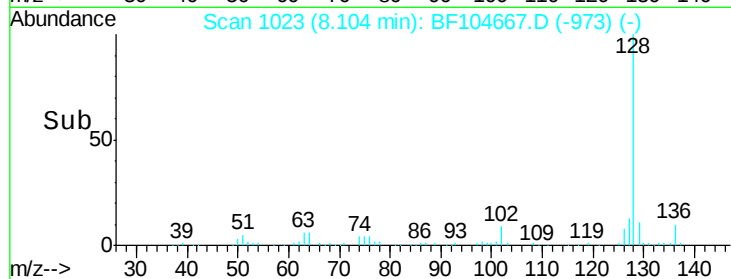
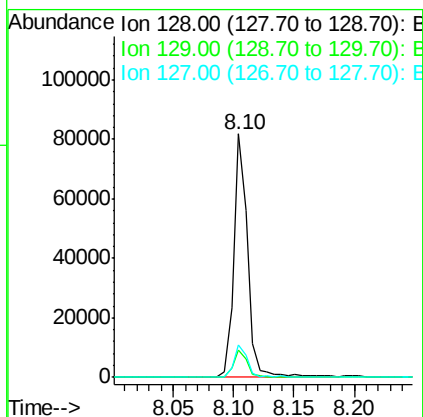
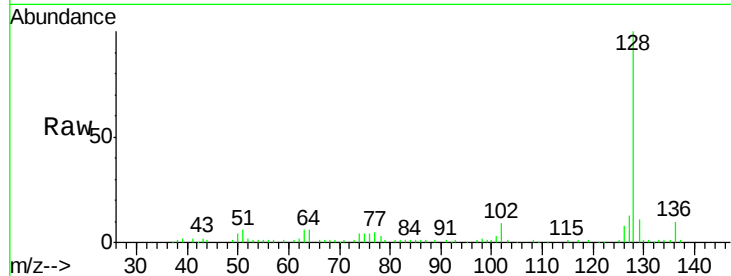




#31
Naphthalene
Concen: 3.405 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

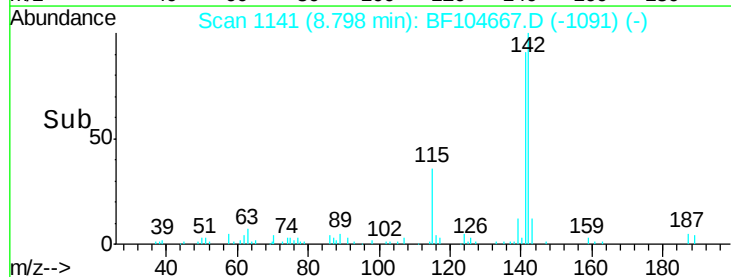
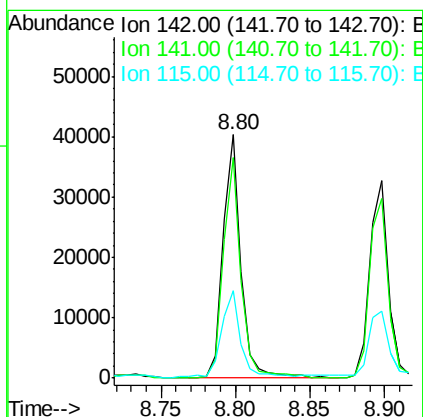
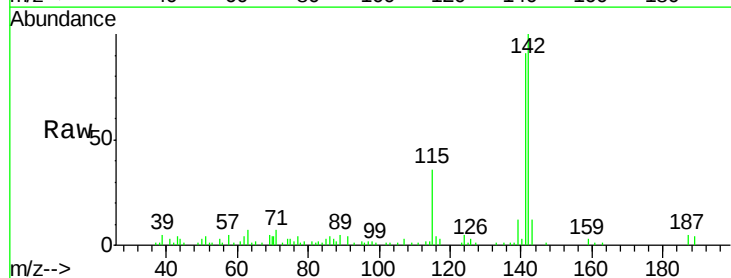
Instrument :
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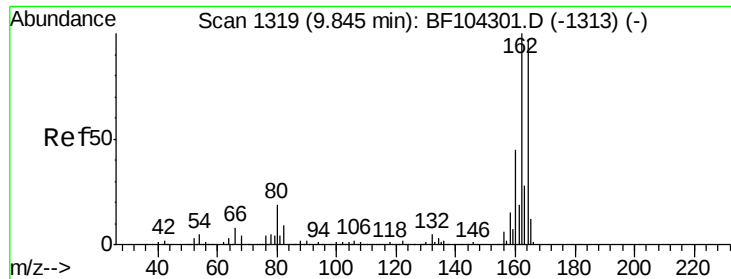
Tot Ion:128 Resp: 65794
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.9 16.3



#37
2-Methylnaphthalene
Concen: 2.751 ng
RT: 8.80 min Scan# 1141
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Tgt Ion:142 Resp: 34379
Ion Ratio Lower Upper
142 100
141 90.6 70.8 106.2
115 35.9 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

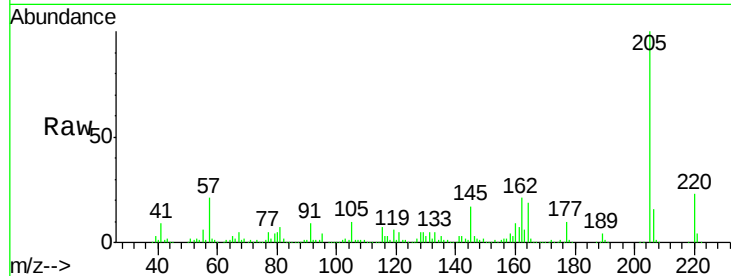
Tot Ion:164 Resp: 120465

Ion Ratio Lower Upper

164 100

162 110.1 86.1 129.1

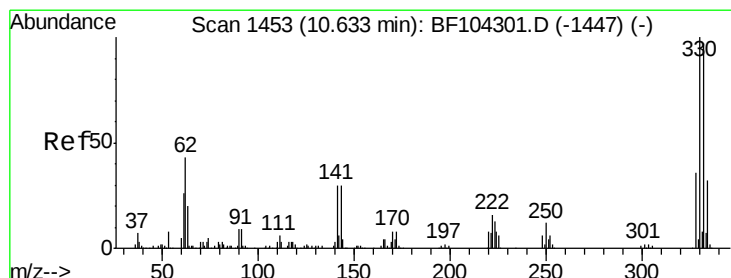
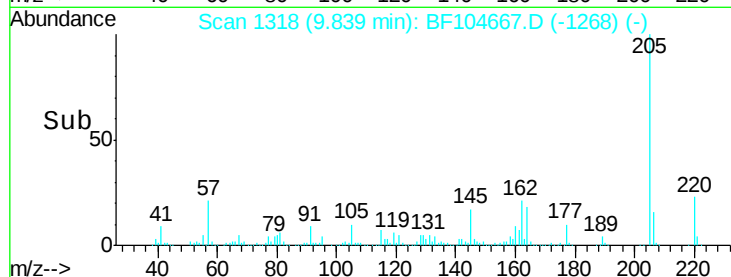
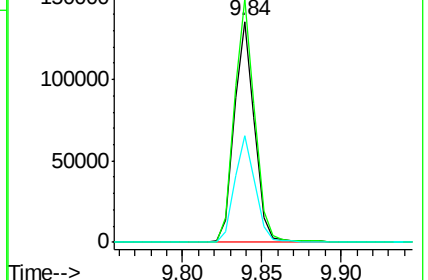
160 48.1 38.3 57.5



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: 108.180 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

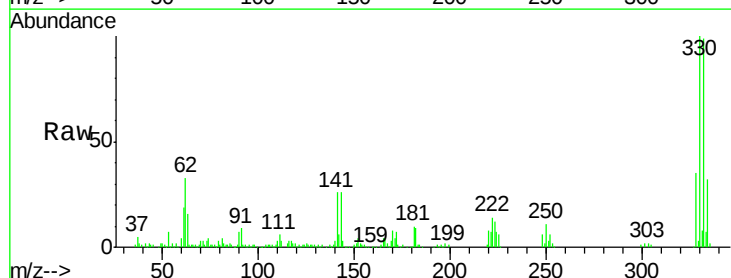
Tgt Ion:330 Resp: 135183

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

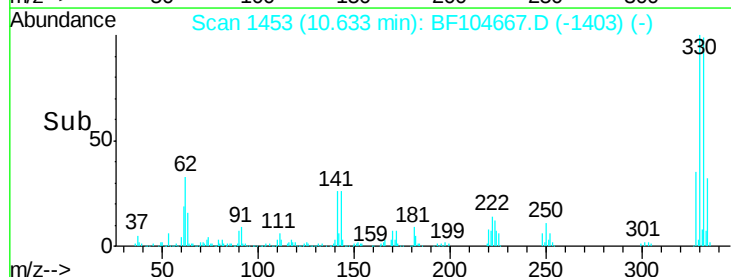
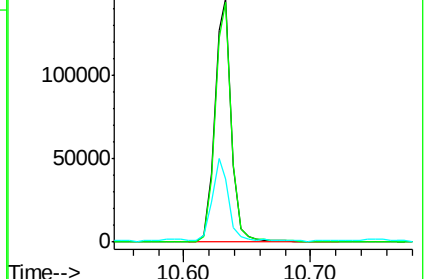
141 32.7 29.9 44.9

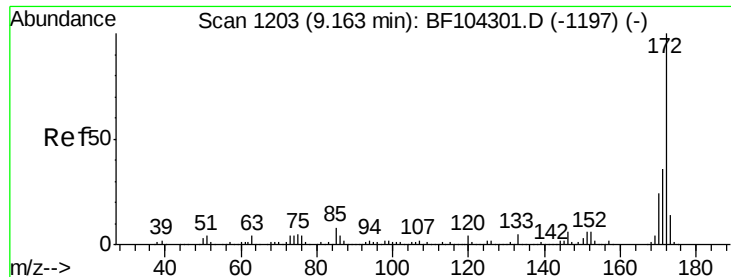


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

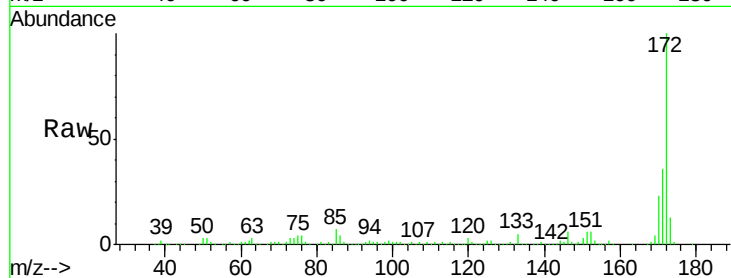




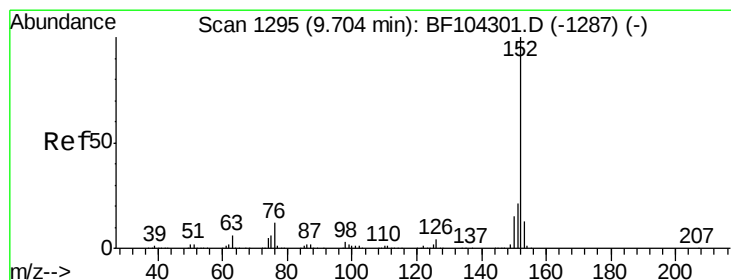
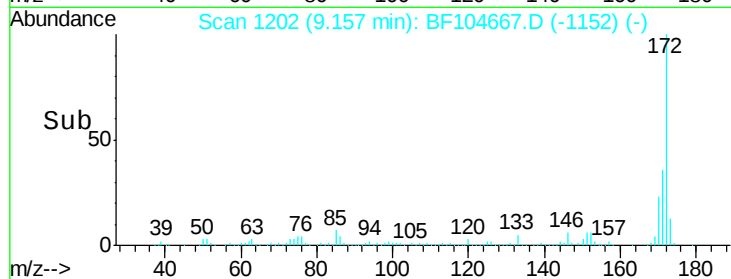
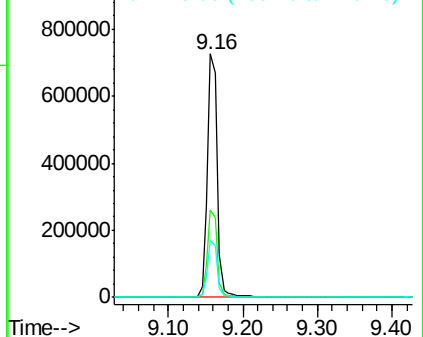
#44
2-Fluorobiphenyl
Concen: 88.713 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-A

Tot Ion:172 Resp: 676486
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.3 19.6 29.4

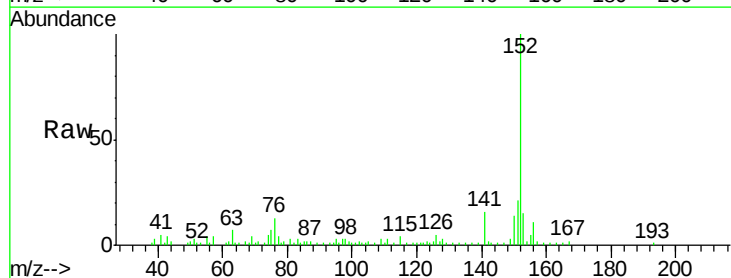


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

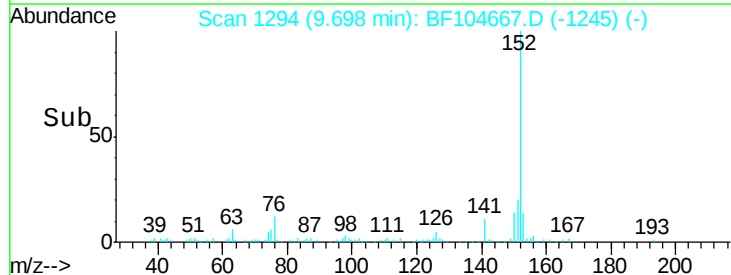
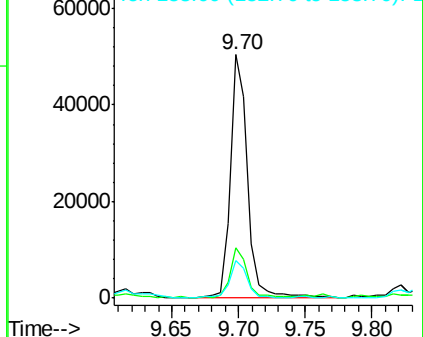


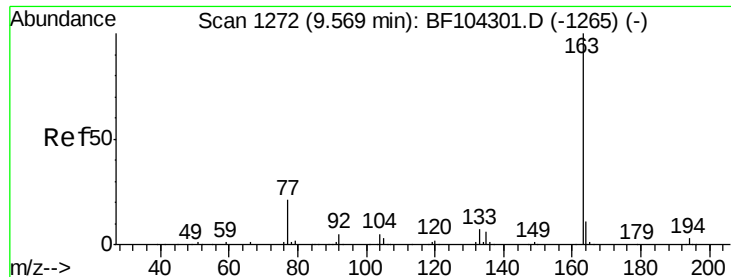
#48
Acenaphthylene
Concen: 3.656 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Tgt Ion:152 Resp: 45853
Ion Ratio Lower Upper
152 100
151 20.8 16.3 24.5
153 15.4 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

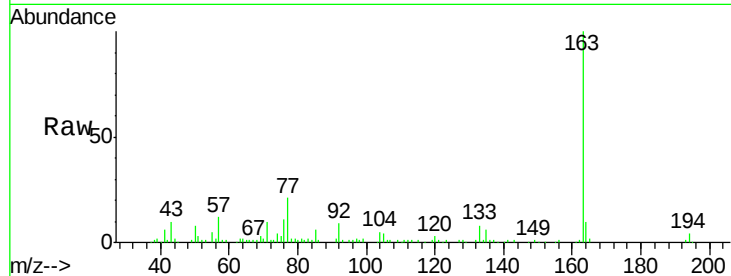




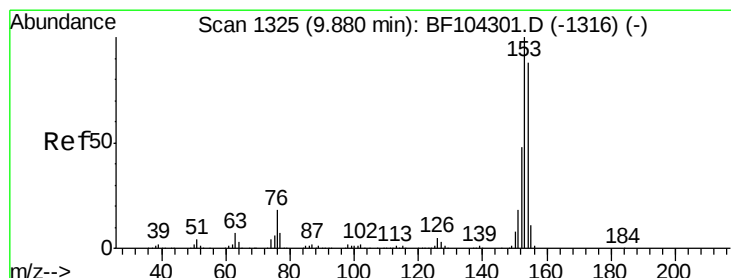
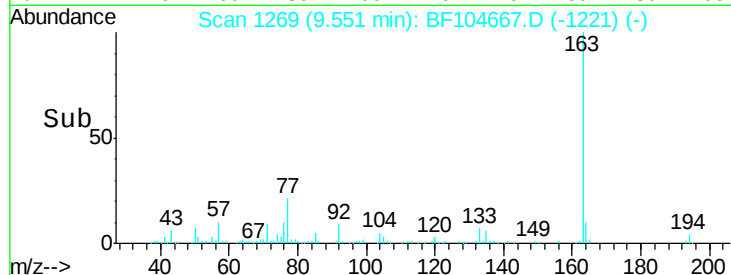
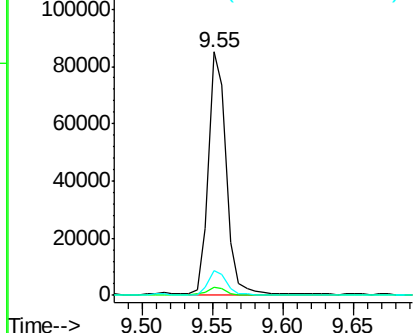
#49
Dimethylphthalate
Concen: 7.818 ng
RT: 9.55 min Scan# 1269
Delta R.T. -0.02 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-A

Tot Ion:163 Resp: 74267
Ion Ratio Lower Upper
163 100
194 3.6 2.7 4.1
164 10.3 8.2 12.2

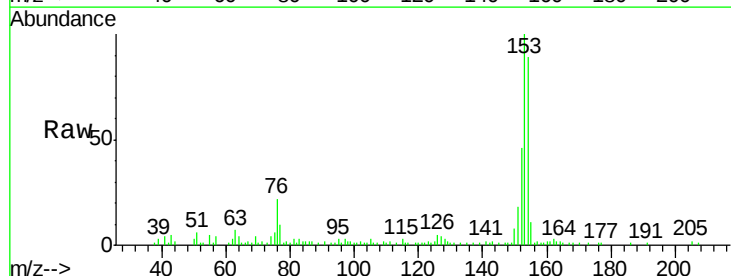


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

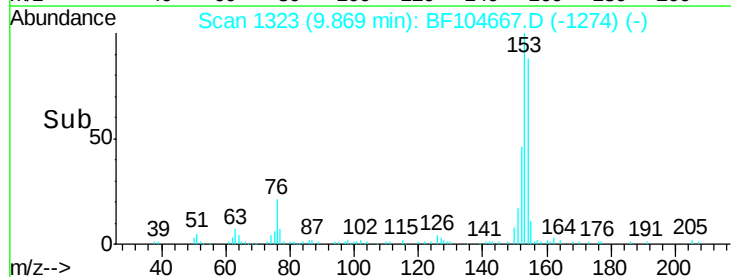
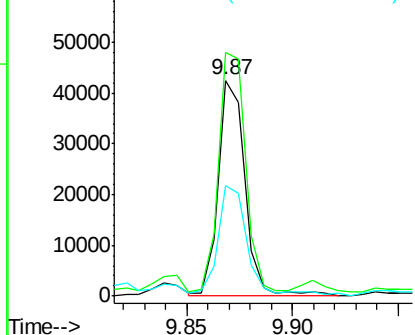


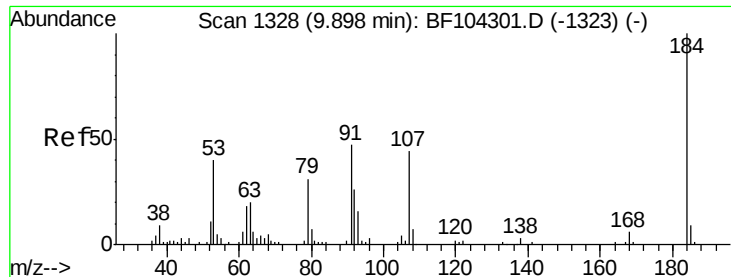
#51
Acenaphthene
Concen: 4.929 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Tgt Ion:154 Resp: 37718
Ion Ratio Lower Upper
154 100
153 112.7 91.2 136.8
152 51.4 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

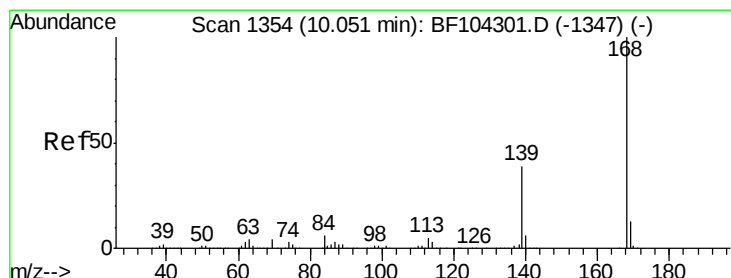
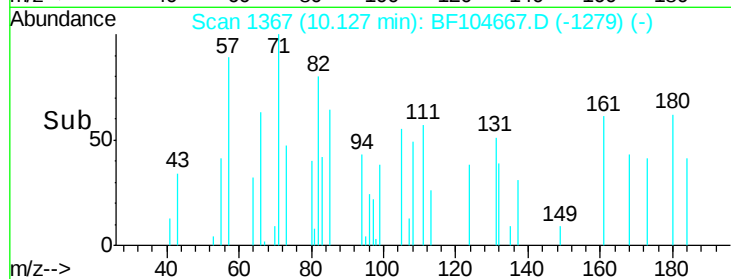
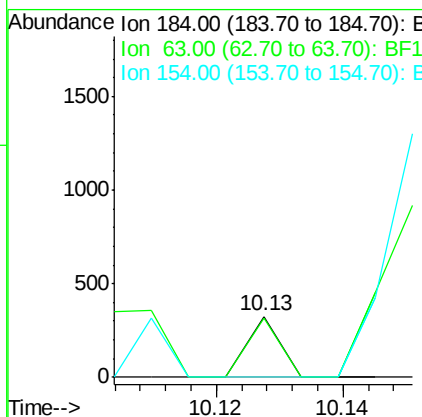
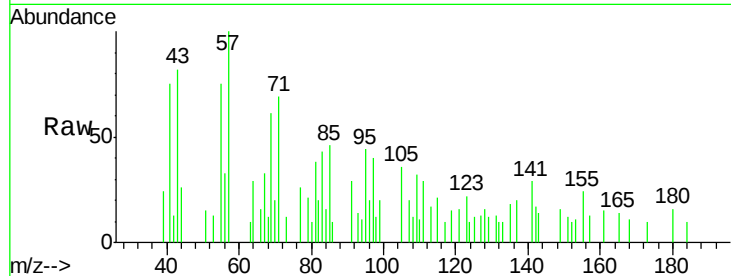




#53
 2,4-Dinitrophenol
 Concen: 5.365 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.22 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

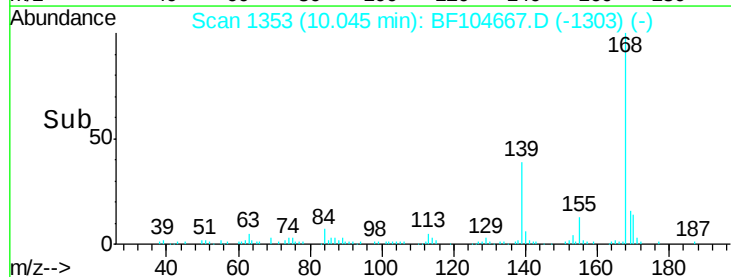
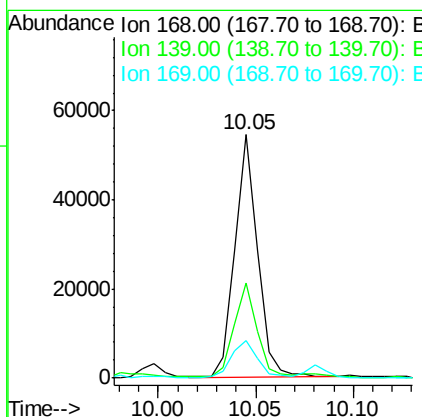
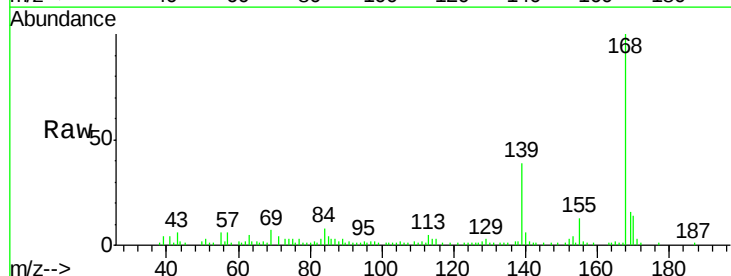
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-A

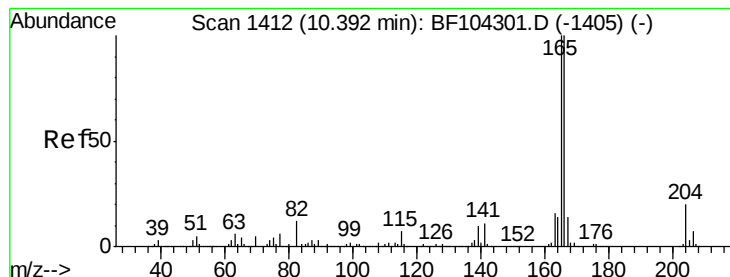
Tot Ion:184 Resp: 115
 Ion Ratio Lower Upper
 184 100
 63 96.9 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 4.128 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Tgt Ion:168 Resp: 44024
 Ion Ratio Lower Upper
 168 100
 139 39.3 30.1 45.1
 169 15.7 10.9 16.3





#57

Fluorene

Concen: 5.949 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

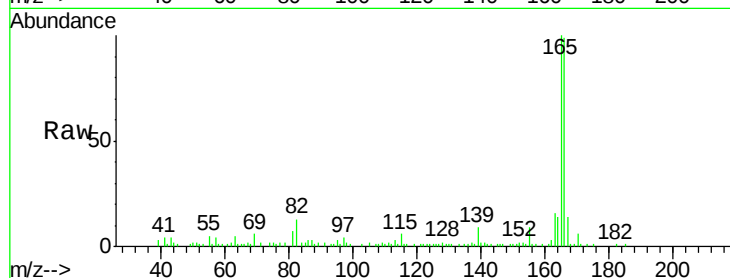
Tot Ion:166 Resp: 46177

Ion Ratio Lower Upper

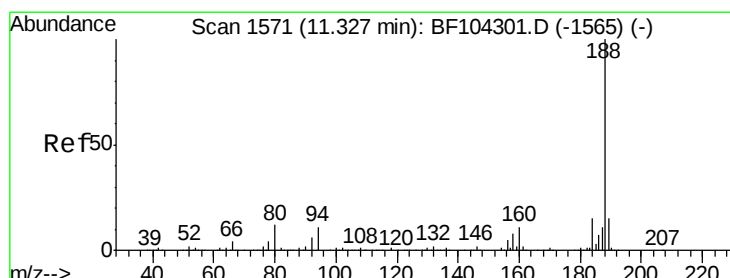
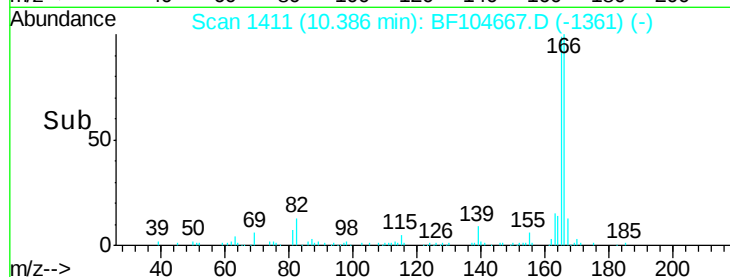
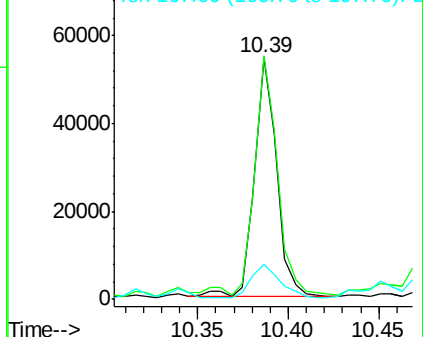
166 100

165 100.8 79.8 119.8

167 14.3 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: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

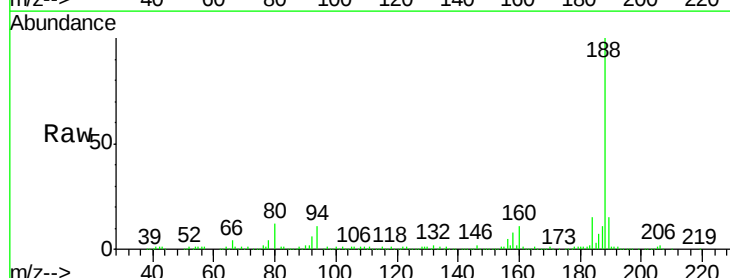
Tgt Ion:188 Resp: 248618

Ion Ratio Lower Upper

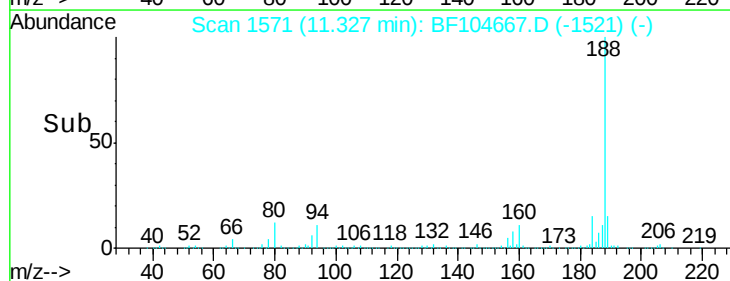
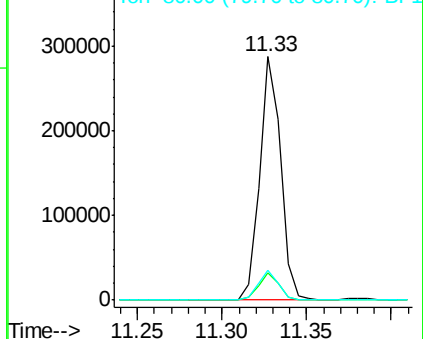
188 100

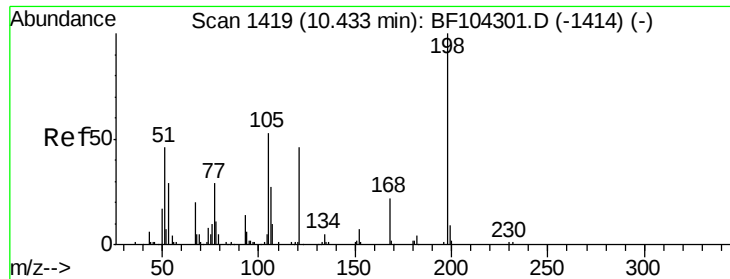
94 11.3 8.5 12.7

80 12.1 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

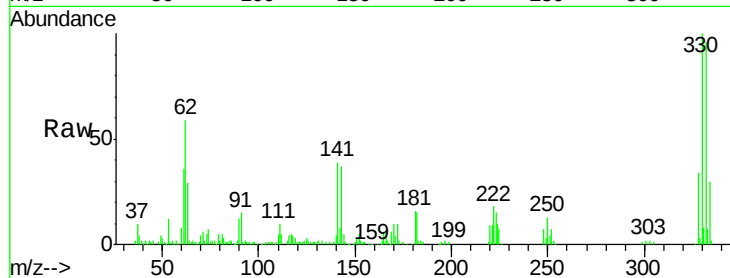




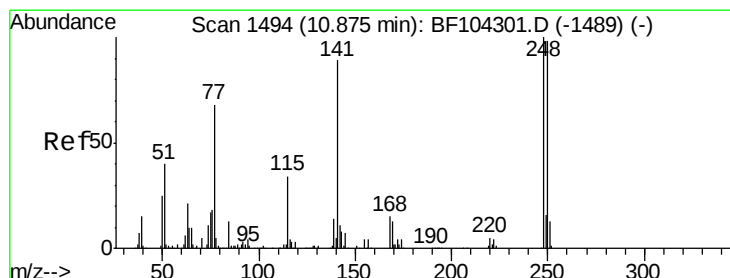
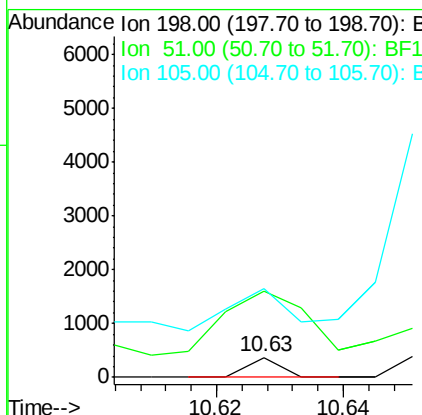
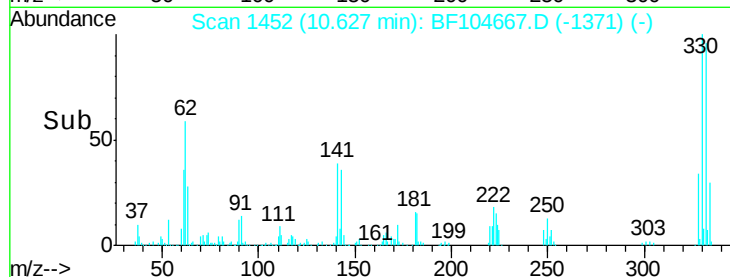
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.439 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. 0.18 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-A

Tot Ion:198 Resp: 132
 Ion Ratio Lower Upper
 198 100
 51 428.0 37.7 77.7#
 105 442.4 36.3 76.3#

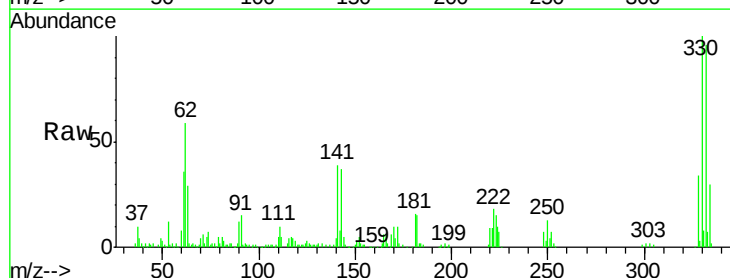


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

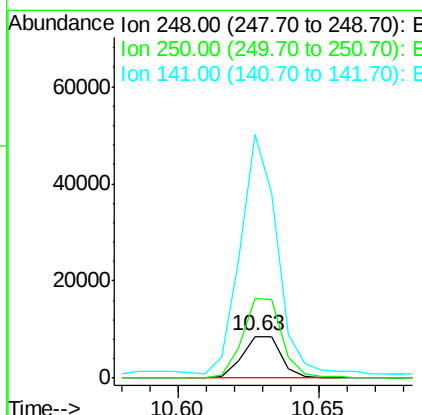
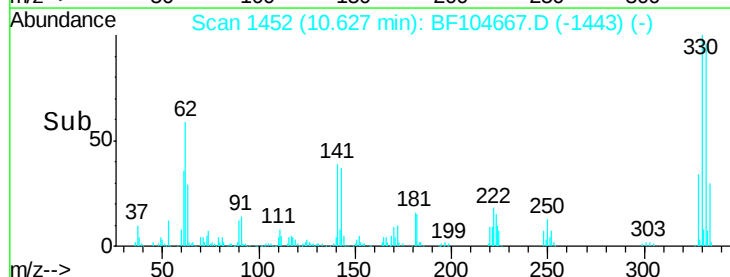


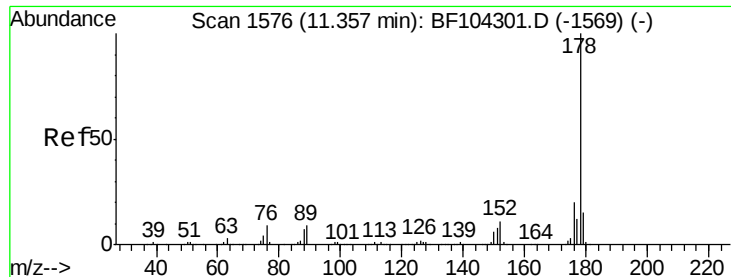
#66
 4-Bromophenyl-phenylether
 Concen: 3.091 ng
 RT: 10.63 min Scan# 1452
 Delta R.T. -0.25 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Tgt Ion:248 Resp: 8173
 Ion Ratio Lower Upper
 248 100
 250 192.9 76.9 115.3#
 141 588.3 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

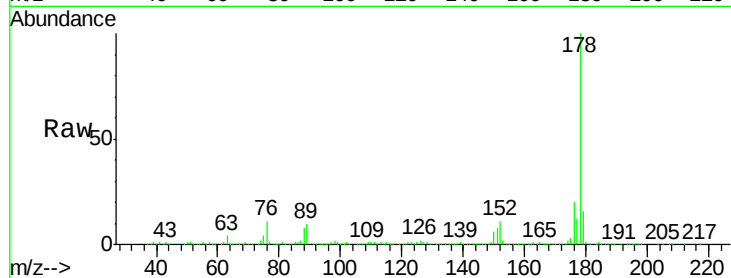




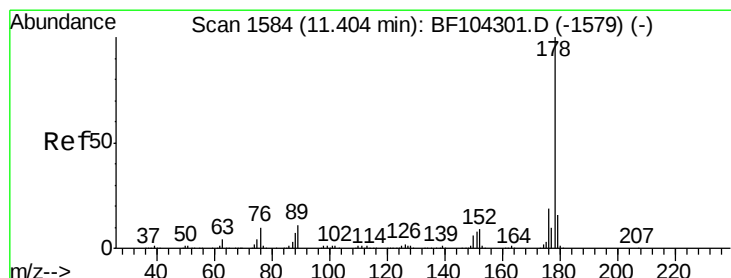
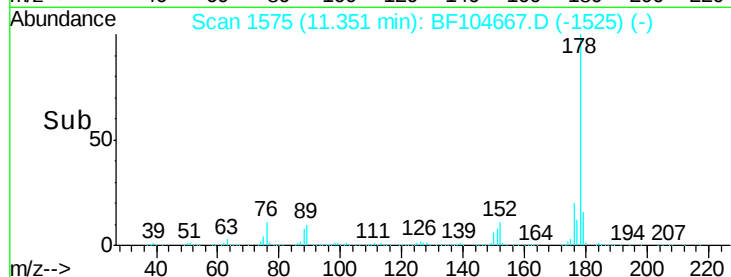
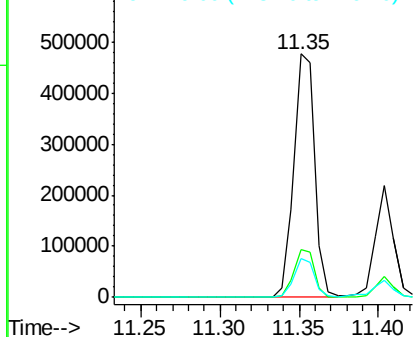
#70
Phenanthrene
Concen: 31.676 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-A

Tot Ion:178 Resp: 438563
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.9 13.0 19.6

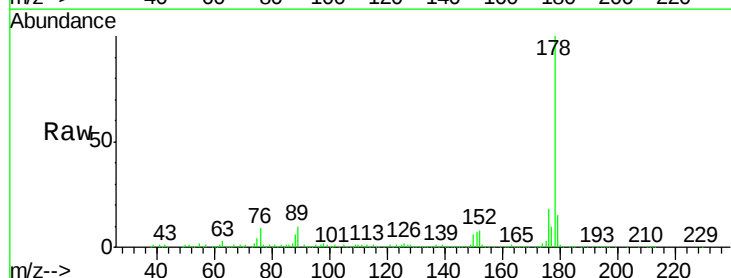


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

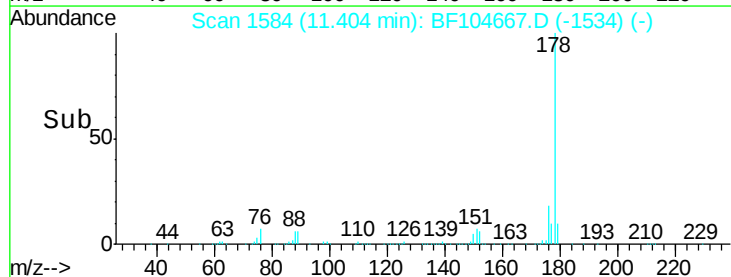
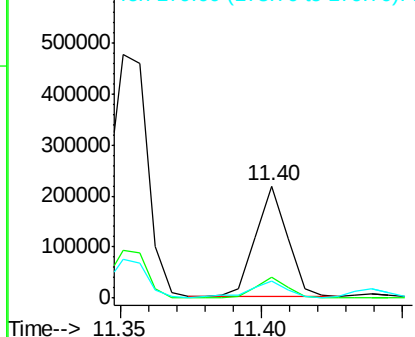


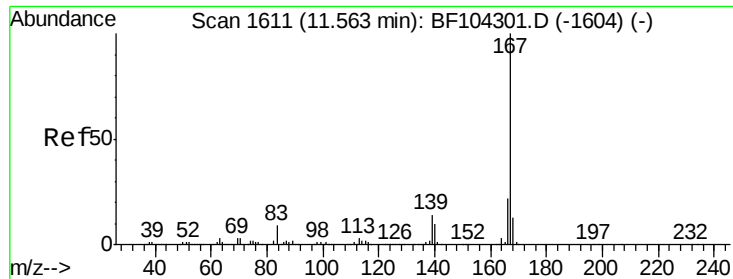
#71
Anthracene
Concen: 11.970 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Tgt Ion:178 Resp: 168468
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 15.4 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: 2.899 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

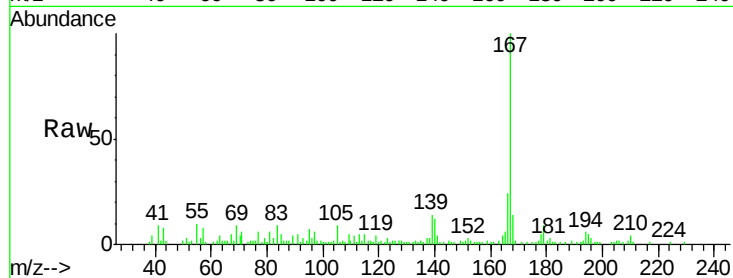
Tot Ion:167 Resp: 39875

Ion Ratio Lower Upper

167 100

166 23.7 17.6 26.4

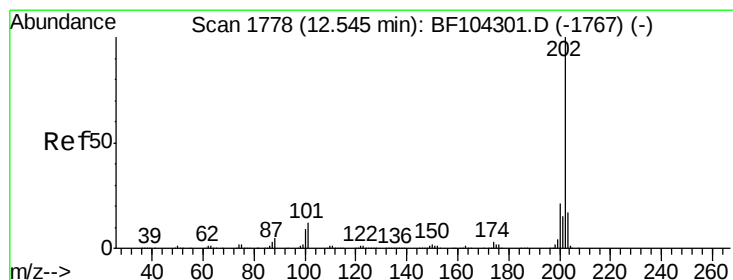
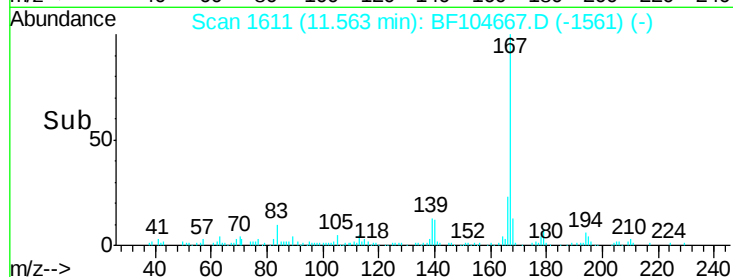
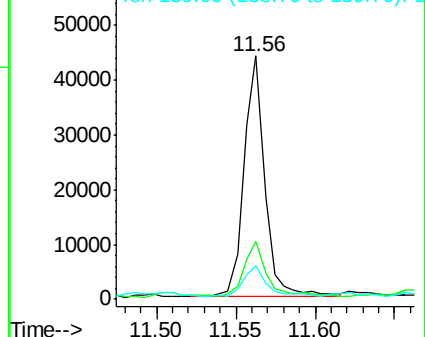
139 13.6 10.9 16.3



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: 49.762 ng

RT: 12.54 min Scan# 1778

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

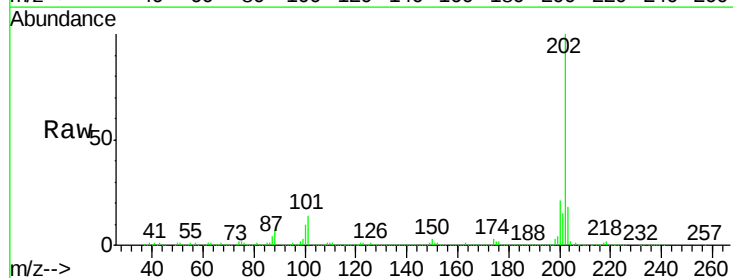
Tgt Ion:202 Resp: 719850

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.1

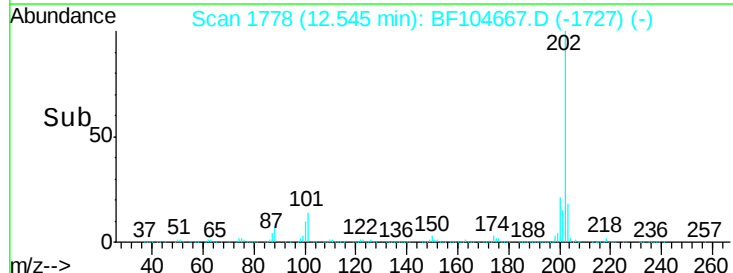
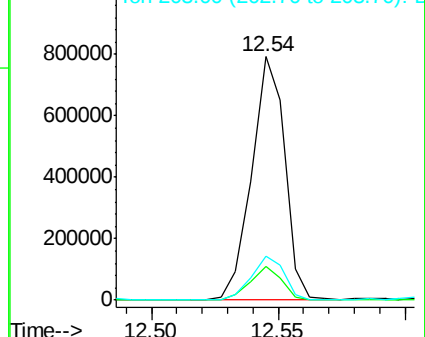
203 17.8 0.0 38.1

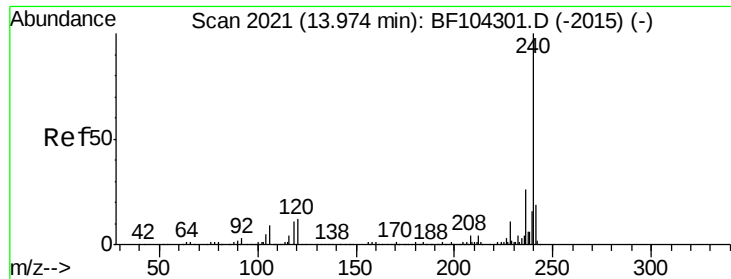


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

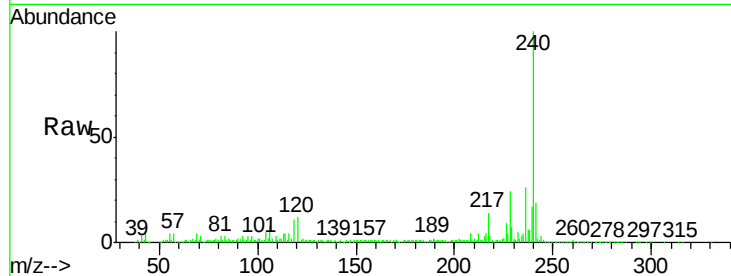
Tot Ion:240 Resp: 252743

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

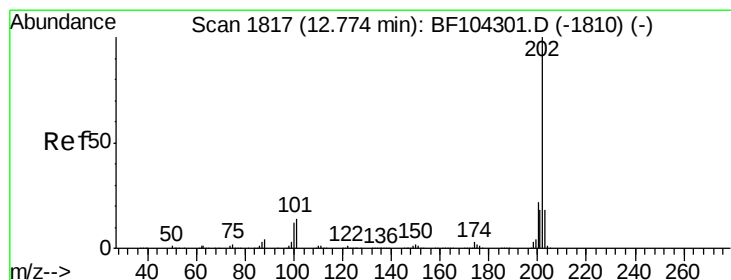
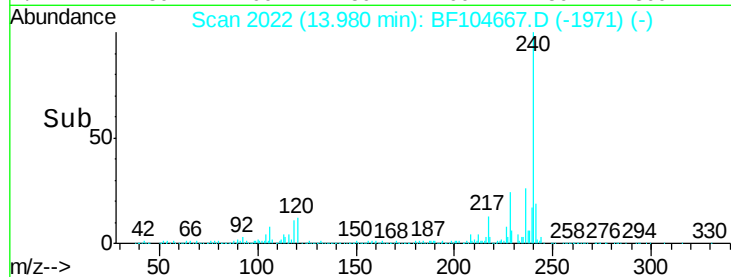
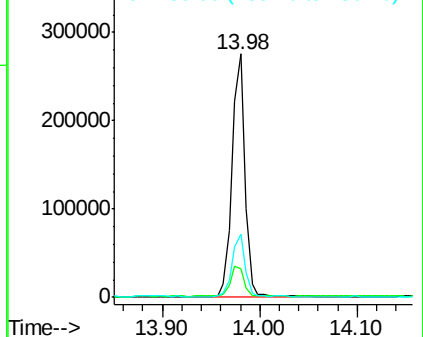
236 26.1 20.7 31.1



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: 37.639 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

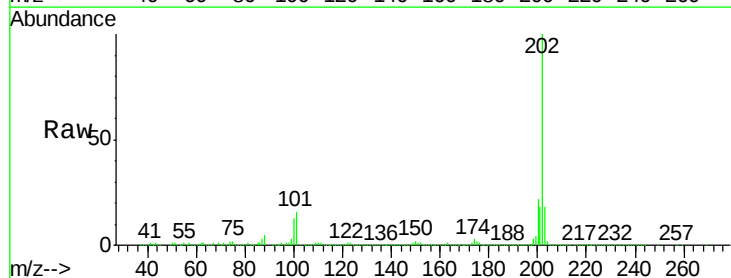
Tgt Ion:202 Resp: 705140

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

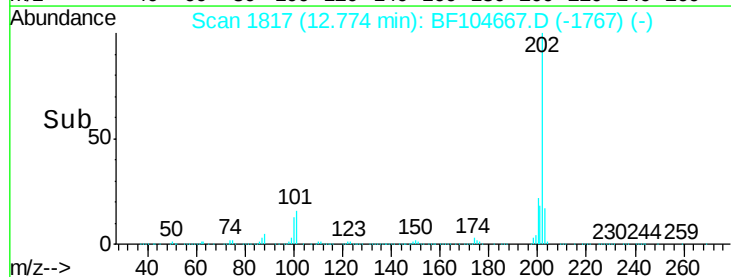
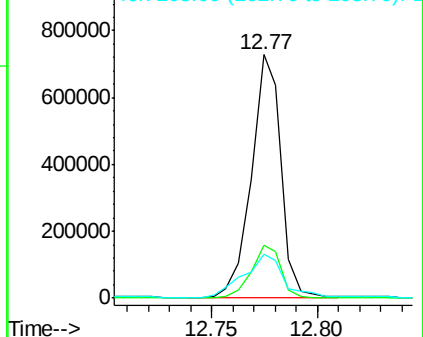
203 18.0 14.3 21.5

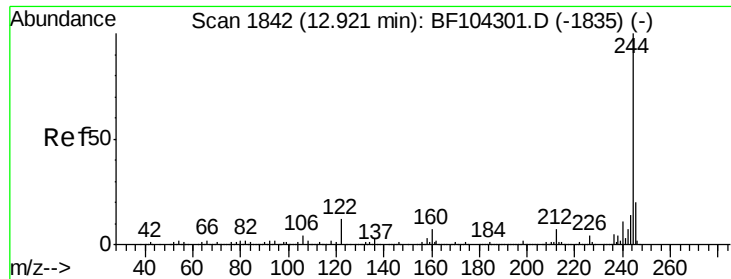


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

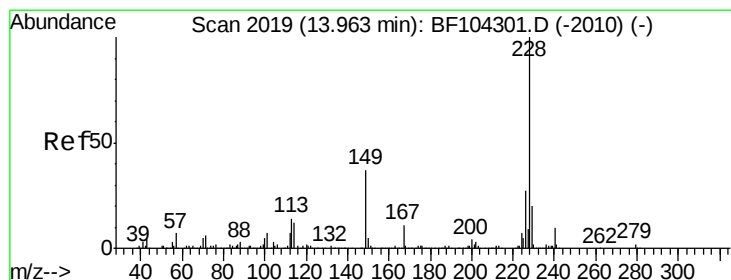
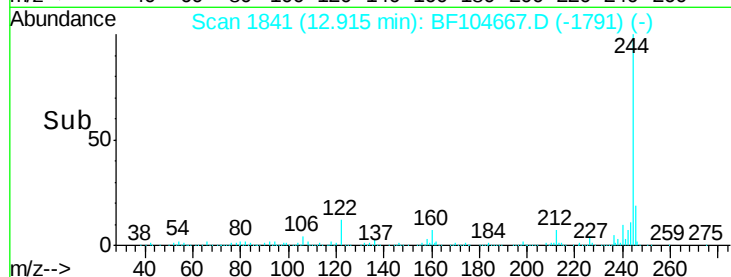
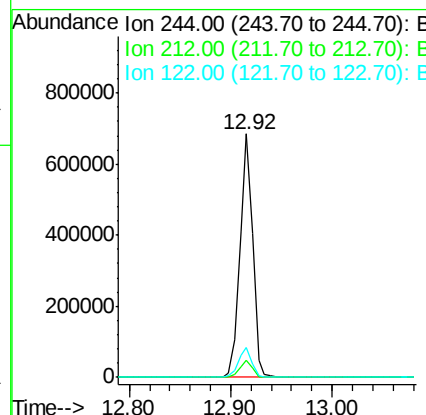
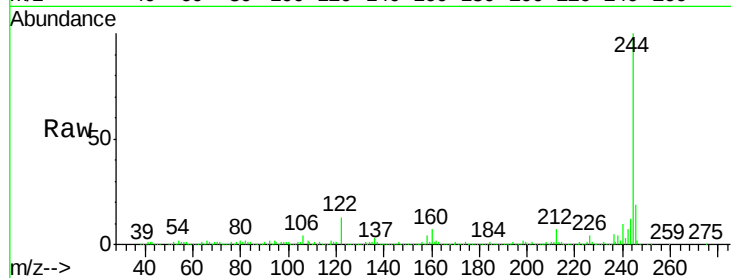




#78
 Terphenyl-d14
 Concen: 53.788 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

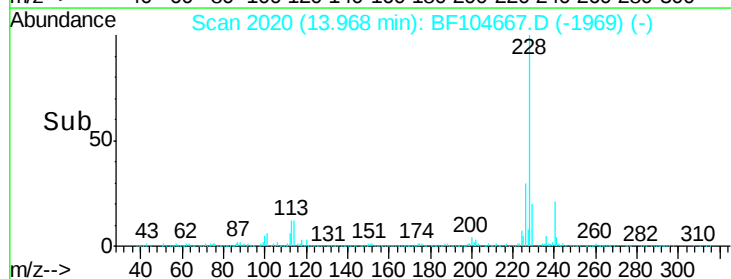
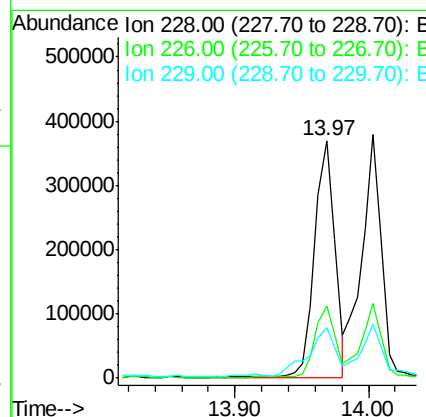
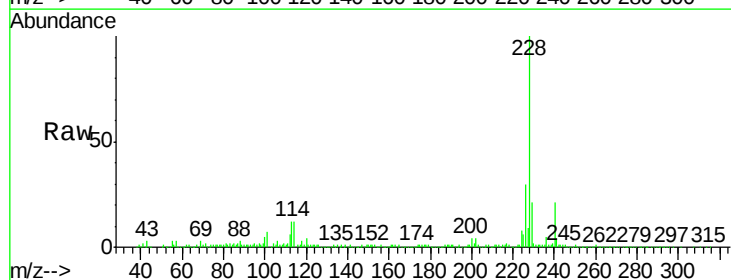
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-A

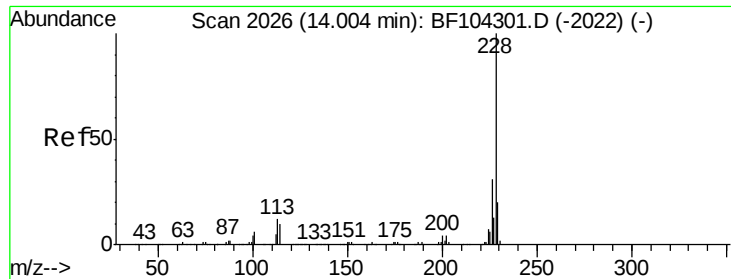
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	12.5	11.0	16.4



#80
 Benzo(a)anthracene
 Concen: 25.441 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.6	33.8
229	21.3	15.8	23.6





#82

Chrysene

Concen: 23.094 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

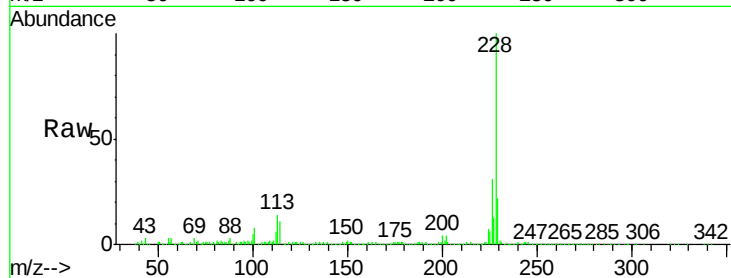
Tot Ion:228 Resp: 358167

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

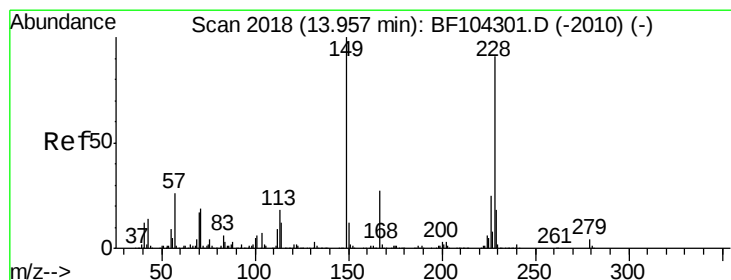
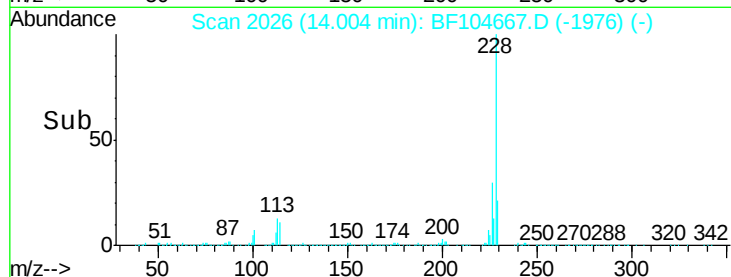
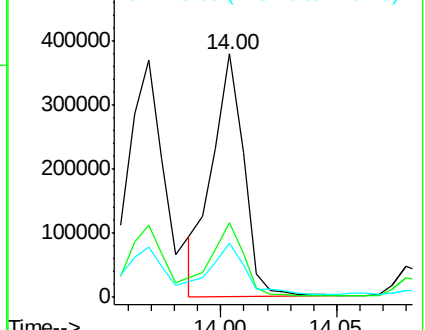
229 22.4 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.347 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

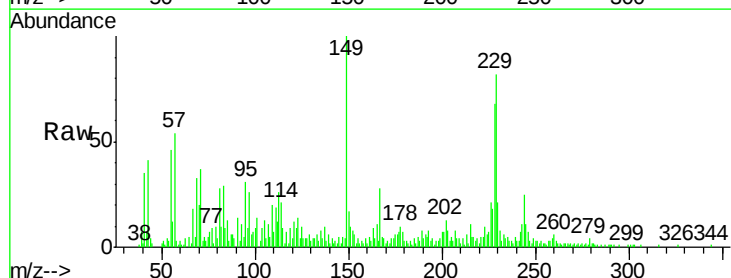
Tgt Ion:149 Resp: 26645

Ion Ratio Lower Upper

149 100

167 28.5 21.3 31.9

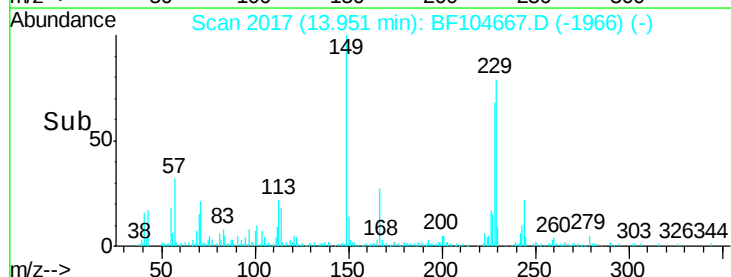
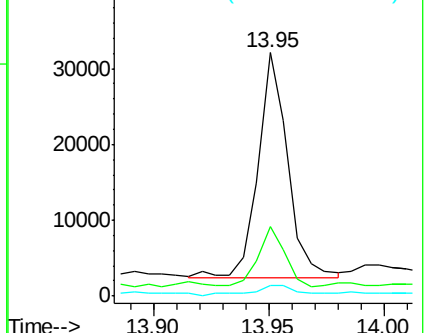
279 4.3 3.0 4.4

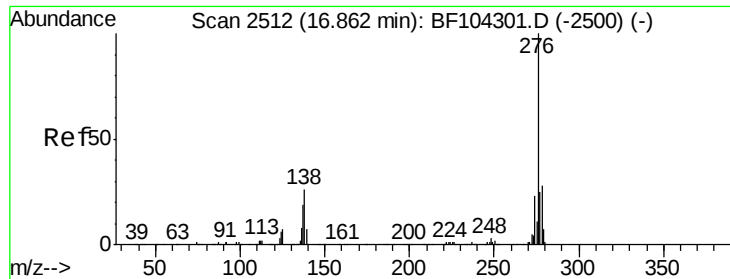


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

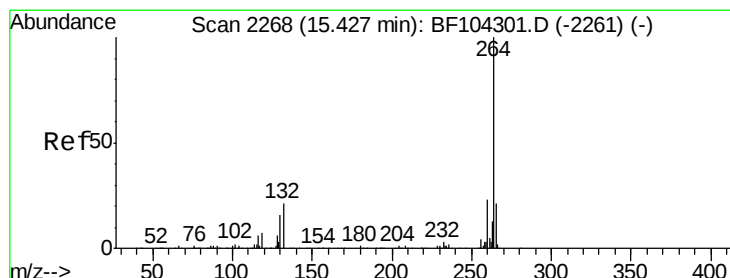
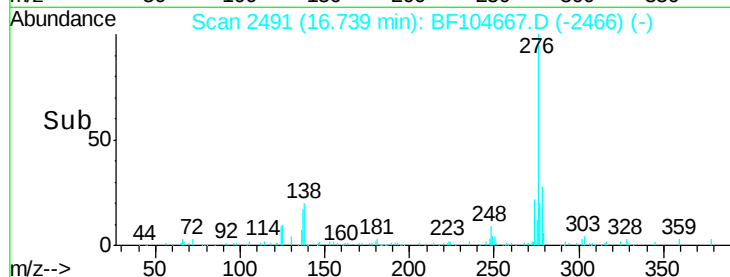
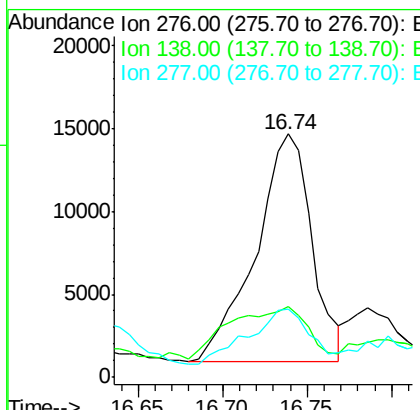
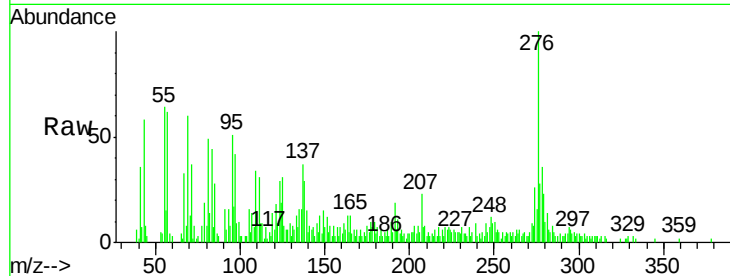




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.393 ng
 RT: 16.74 min Scan# 2491
 Delta R.T. -0.15 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

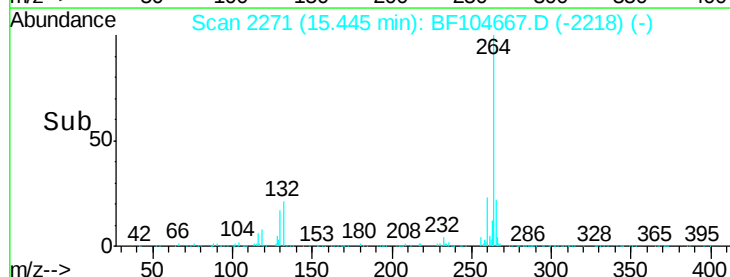
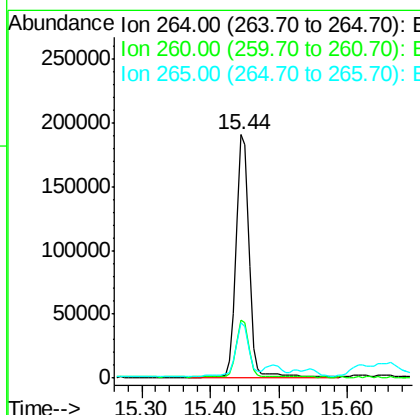
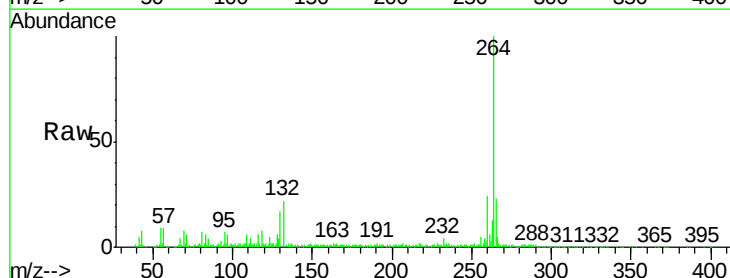
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-A

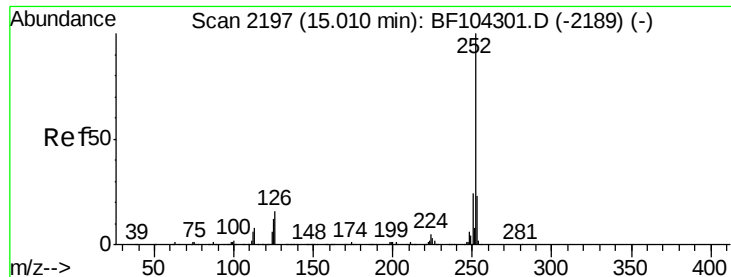
Tot Ion:276 Resp: 31524
 Ion Ratio Lower Upper
 276 100
 138 32.0 25.0 37.6
 277 27.2 20.1 30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: BF104667.D
 Acq: 20 Apr 2018 12:07

Tgt Ion:264 Resp: 250051
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.8 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 42.463 ng

RT: 15.02 min Scan# 2199

Delta R.T. 0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

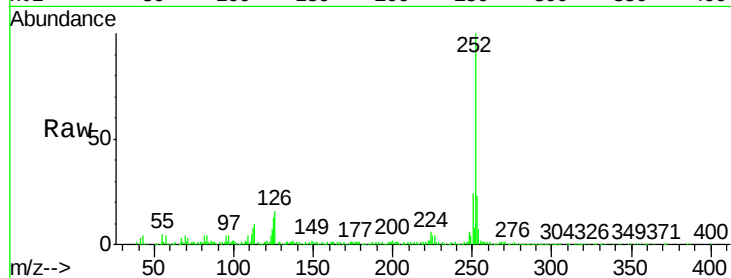
Tot Ion:252 Resp: 670607

Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.6

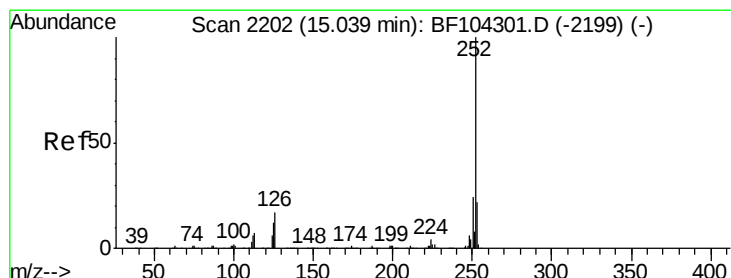
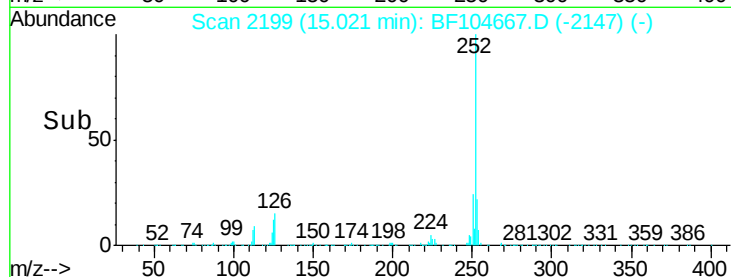
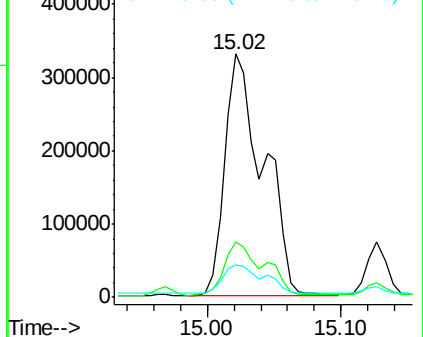
125 13.4 9.0 13.6



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: 44.978 ng

RT: 15.02 min Scan# 2199

Delta R.T. -0.02 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

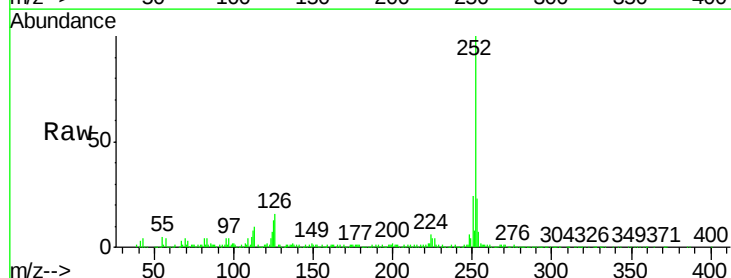
Tgt Ion:252 Resp: 670607

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

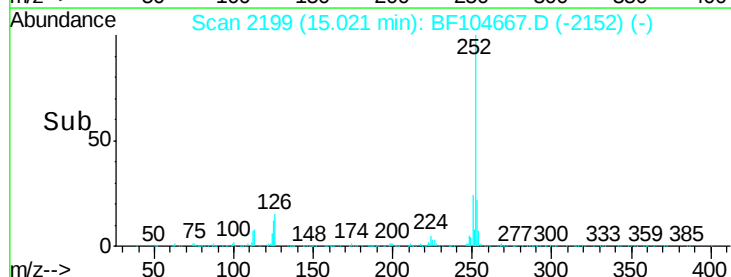
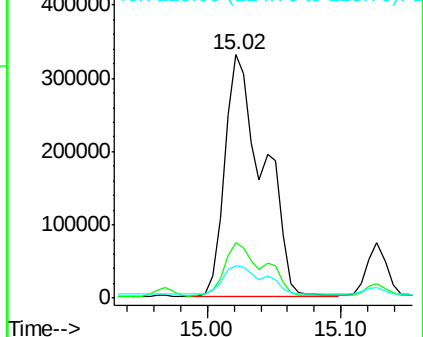
125 13.4 10.2 15.2

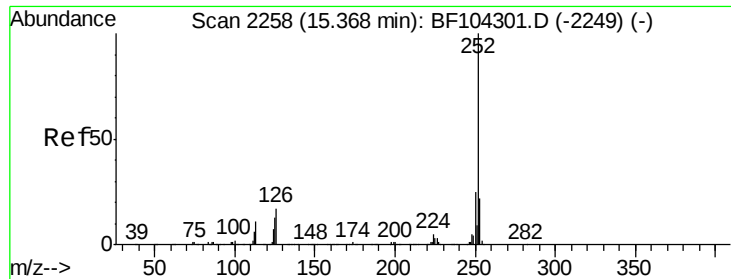


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

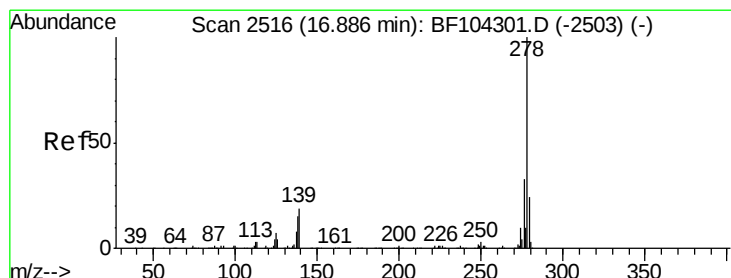
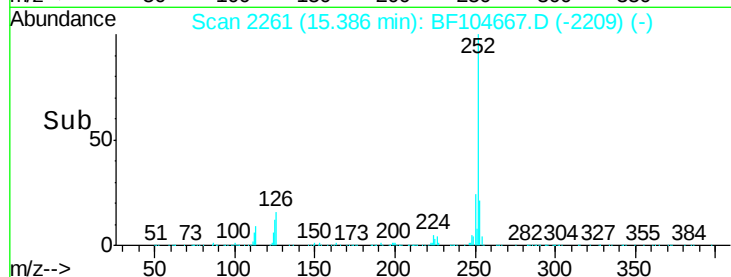
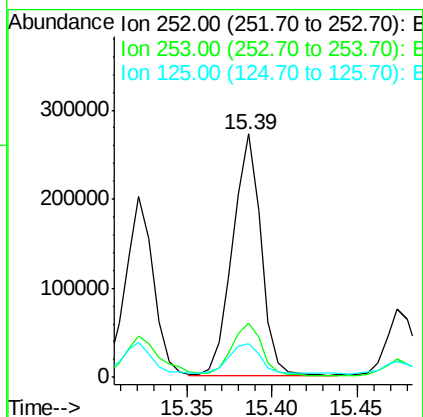
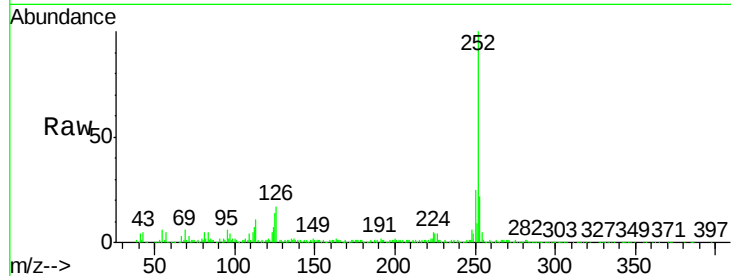




#89
Benzo(a)pyrene
Concen: 22.618 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

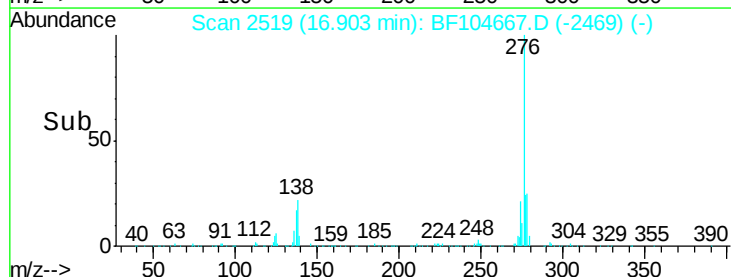
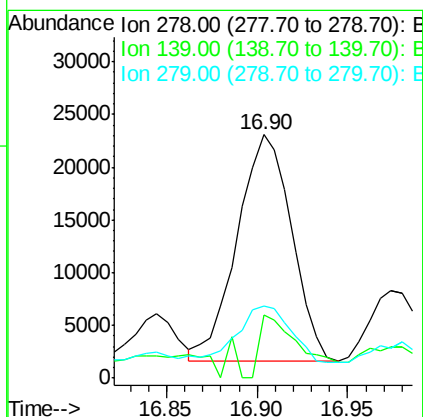
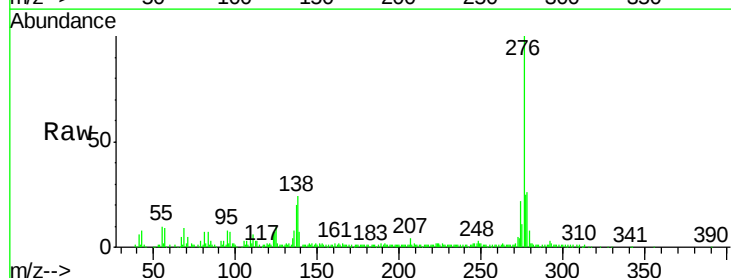
Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-A

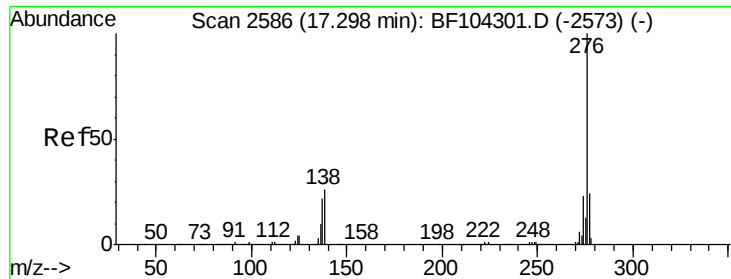
Tot Ion:252 Resp: 319608
Ion Ratio Lower Upper
252 100
253 22.4 17.1 25.7
125 14.0 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.838 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF104667.D
Acq: 20 Apr 2018 12:07

Tgt Ion:278 Resp: 44546
Ion Ratio Lower Upper
278 100
139 25.9 15.9 23.9#
279 29.9 19.0 28.4#





#91

Benzo(a,h,i)perylene

Concen: 14.876 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.01 min

Lab File: BF104667.D

Acq: 20 Apr 2018 12:07

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-A

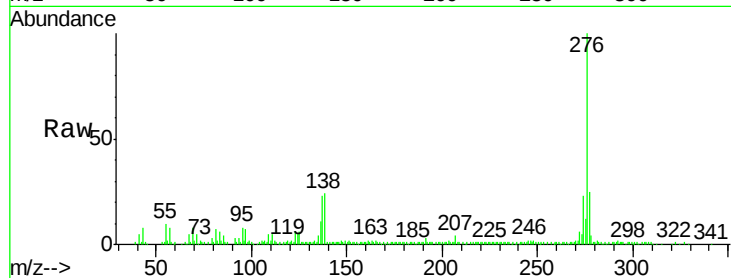
Tot Ion:276 Resp: 167263

Ion Ratio Lower Upper

276 100

277 24.9 17.9 26.9

138 24.4 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

