

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104674.D
 Acq On : 20 Apr 2018 15:14
 Operator : JU/SJ
 Sample : J2407-01RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

Quant Time: Apr 20 15:58:45 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	104494	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	360028	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	112145	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	246285	20.00	ng	0.00
75) Chrysene-d12	13.98	240	193465	20.00	ng	0.00
86) Perylene-d12	15.45	264	138489	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	563741	82.49	ng	0.00
7) Phenol-d6	6.44	99	674858	80.37	ng	0.00
23) Nitrobenzene-d5	7.37	82	394376	71.53	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	128053	110.08	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	620962	87.47	ng	0.00
78) Terphenyl-d14	12.92	244	574990	67.76	ng	0.00

Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.37	70	52147	9.504	ng	# 72
22) Acetophenone	7.21	105	39339	4.438	ng	# 92
25) Isophorone	7.37	82	394370	33.825	ng	# 64
31) Naphthalene	8.11	128	62072	3.462	ng	99
37) 2-Methylnaphthalene	8.80	142	31381	2.706	ng	96
48) Acenaphthylene	9.70	152	52114	4.464	ng	98
49) Dimethylphthalate	9.56	163	69970	7.912	ng	100
51) Acenaphthene	9.87	154	35300	4.955	ng	98
53) 2,4-Dinitrophenol	10.13	184	114	5.380	ng	# 1
54) Dibenzofuran	10.05	168	41377	4.168	ng	# 92
57) Fluorene	10.39	166	45596	6.310	ng	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	133	7.441	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	8034	3.067	ng	# 1
70) Phenanthrene	11.36	178	435317	31.739	ng	99
71) Anthracene	11.41	178	174624	12.525	ng	98
72) Carbazole	11.56	167	32263	2.368	ng	98
74) Fluoranthene	12.55	202	749108	52.276	ng	99
76) Benzidine	12.73	184	246	Below Cal		# 1
77) Pyrene	12.78	202	721786	50.333	ng	100
80) Benzo(a)anthracene	13.97	228	325298	28.145	ng	96
82) Chrysene	14.01	228	304427	25.643	ng	97
85) Indeno(1,2,3-cd)pyrene	16.90	276	119203	11.820	ng	95
87) Benzo(b)fluoranthene	15.03	252	414625	47.403	ng	# 94
88) Benzo(k)fluoranthene	15.03	252	414625	50.211	ng	97
89) Benzo(a)pyrene	15.39	252	192757	24.630	ng	# 93
90) Dibenzo(a,h)anthracene	16.92	278	31030	4.828	ng	# 88
91) Benzo(g,h,i)perylene	17.34	276	120118	19.289	ng	97

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

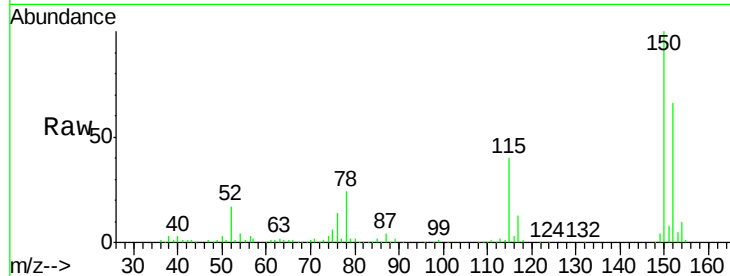


#1

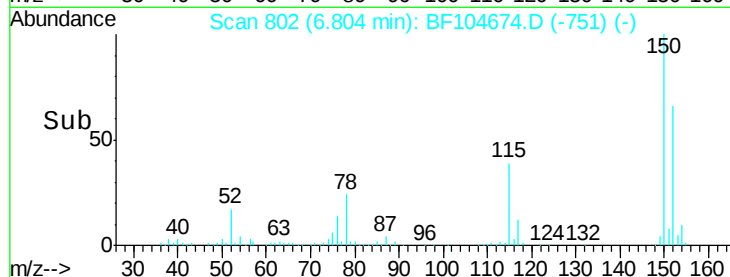
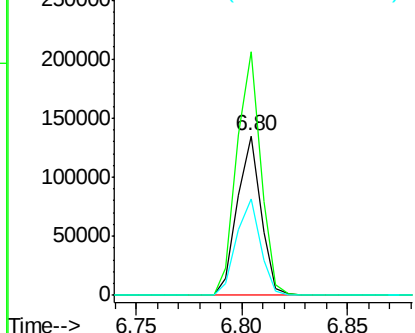
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Instrument :
BNA_F
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SPOILS-ICTF-ARE

Tot Ion:152 Resp: 104494
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 60.3 50.1 75.1



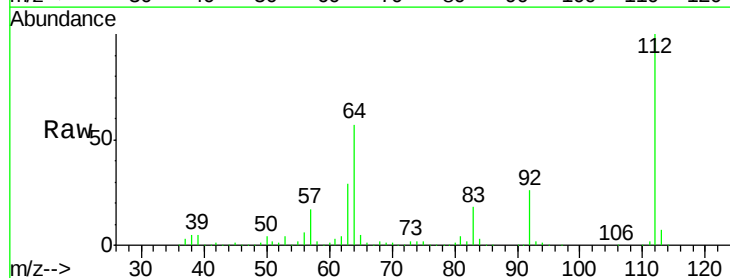
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



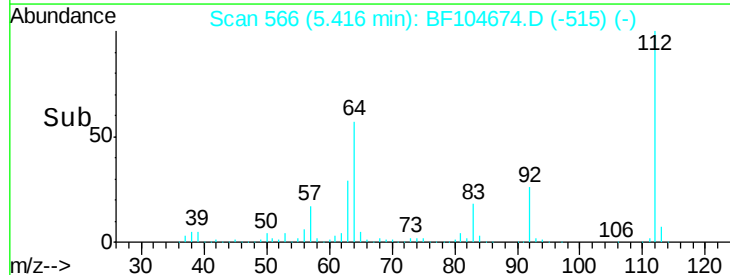
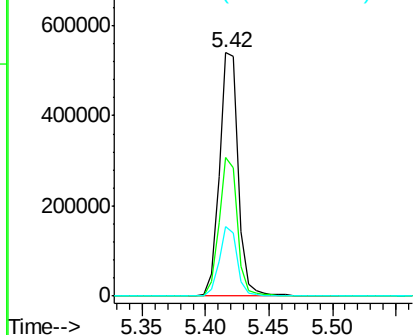
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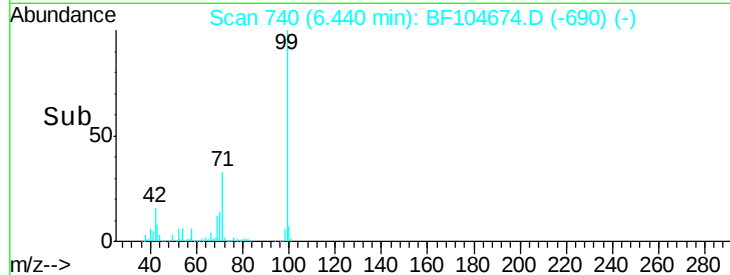
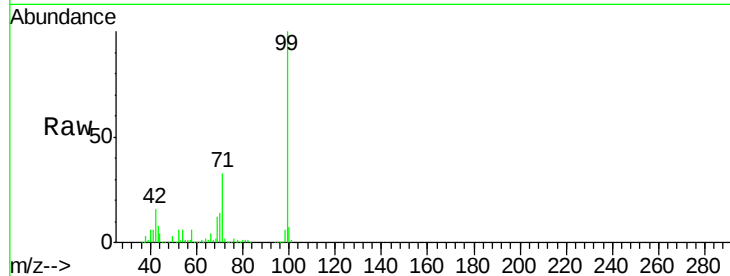
2-Fluorophenol
Concen: 82.492 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Tgt Ion:112 Resp: 563741
Ion Ratio Lower Upper
112 100
64 57.2 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: 80.372 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

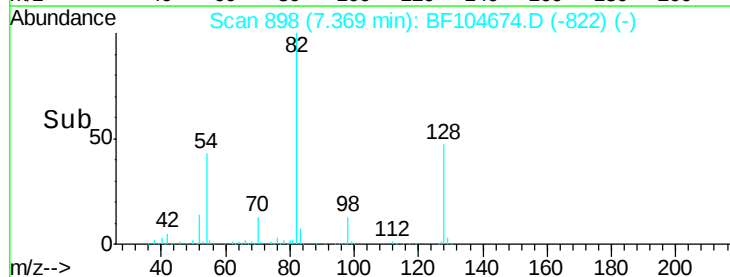
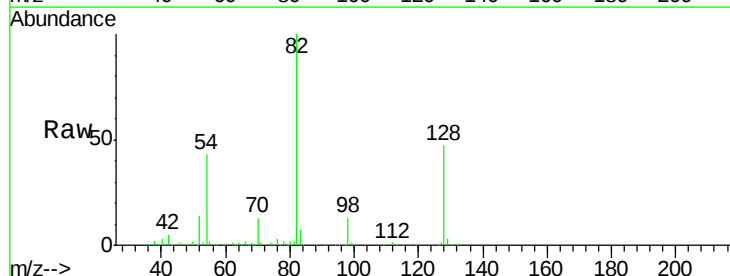
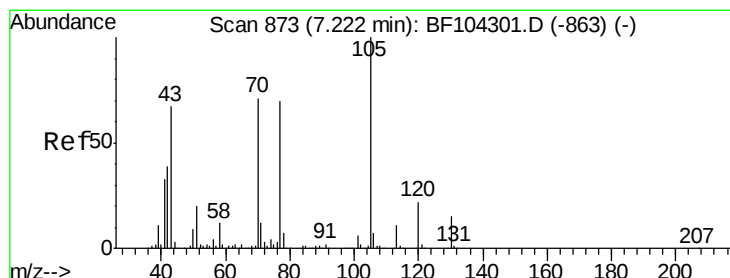
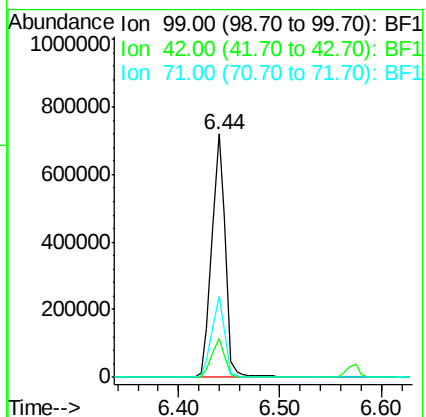
Tot Ion: 99 Resp: 674858

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

71 33.2 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.504 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Tgt Ion: 70 Resp: 52147

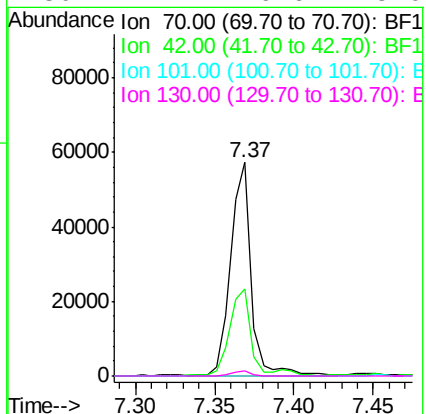
Ion Ratio Lower Upper

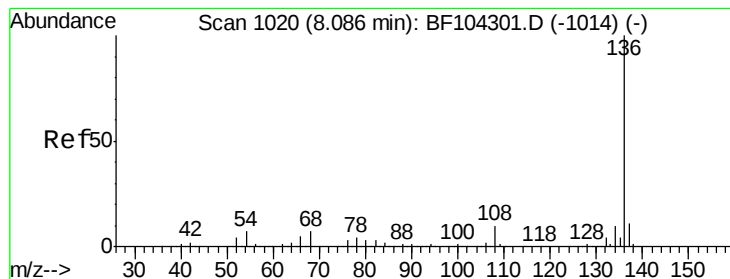
70 100

42 40.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.4 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: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

Tot Ion:136 Resp: 360028

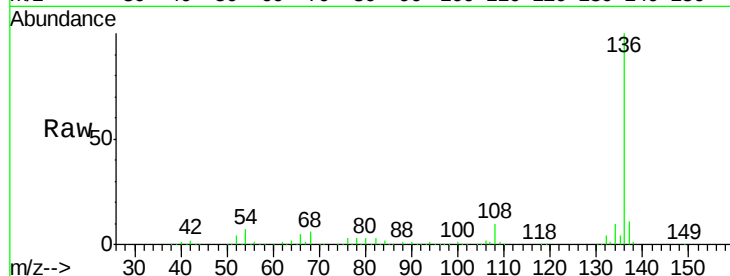
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 6.9 6.6 9.8

68 6.1 5.0 7.4

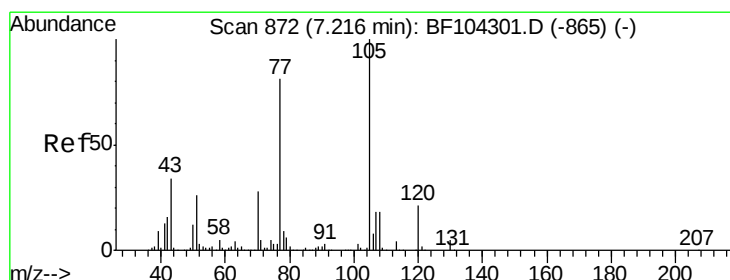
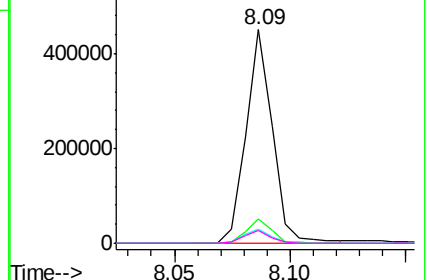
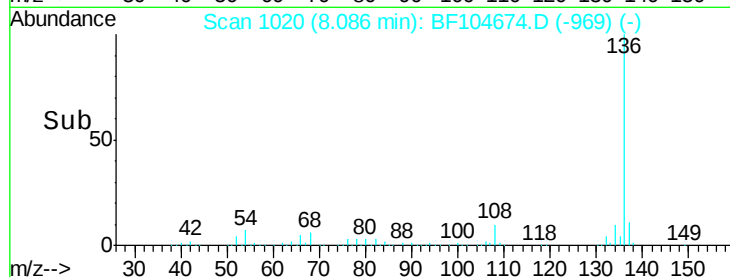


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.438 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Tgt Ion:105 Resp: 39339

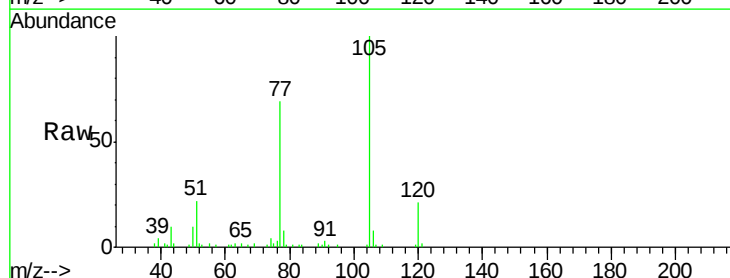
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 21.5 22.3 33.5#

120 20.7 16.9 25.3

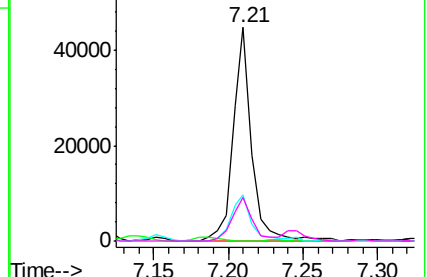
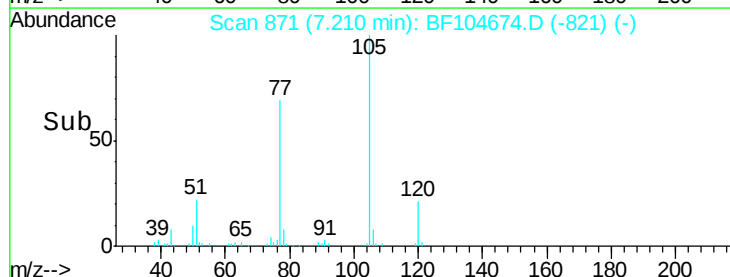


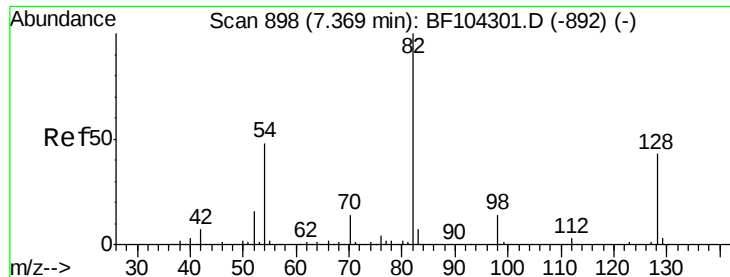
Abundance Ion 105.00 (104.70 to 105.70): E

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

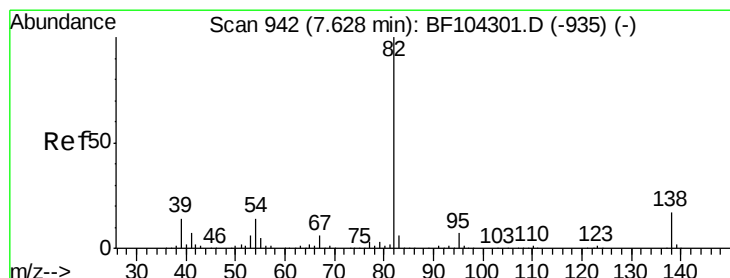
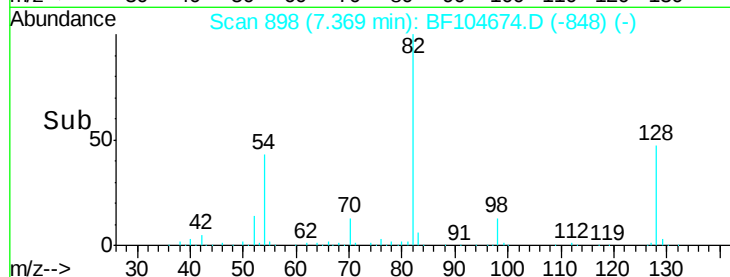
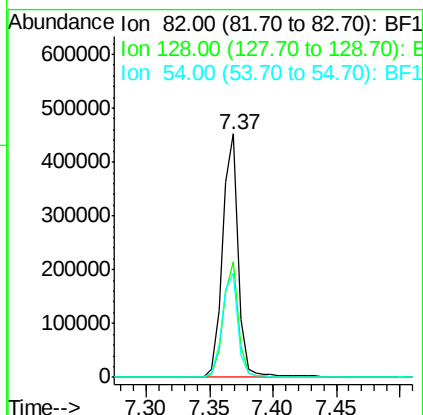
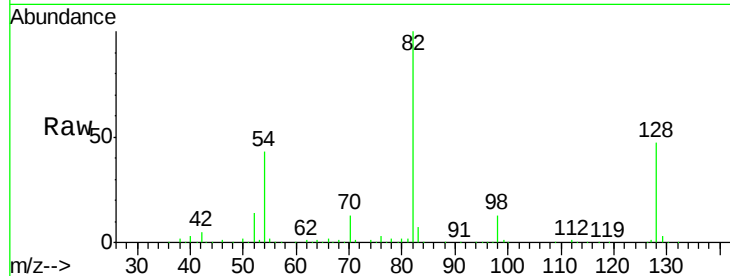




#23
 Nitrobenzene-d5
 Concen: 71.528 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

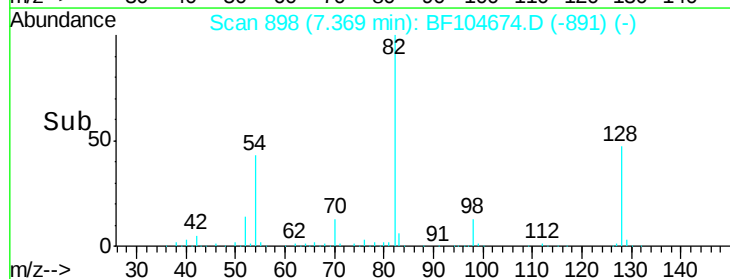
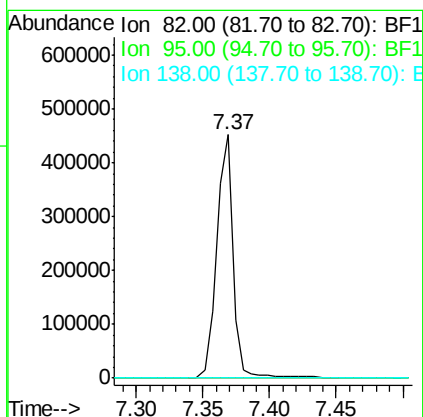
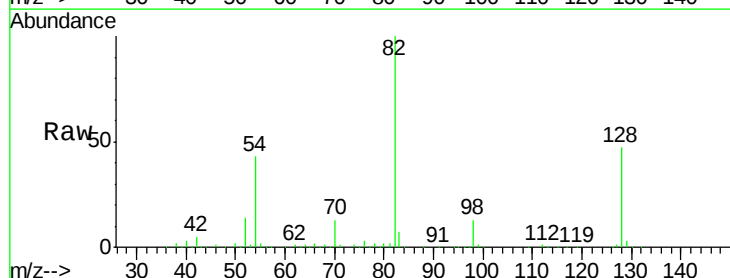
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

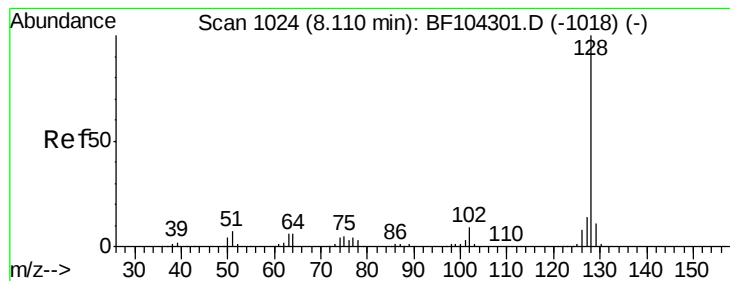
Tot Ion: 82 Resp: 394376
 Ion Ratio Lower Upper
 82 100
 128 47.4 36.1 54.1
 54 42.6 41.4 62.2



#25
 Isophorone
 Concen: 33.825 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.26 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion: 82 Resp: 394370
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.2 7.8#
 138 0.0 14.9 22.3#





#31

Naphthalene

Concen: 3.462 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

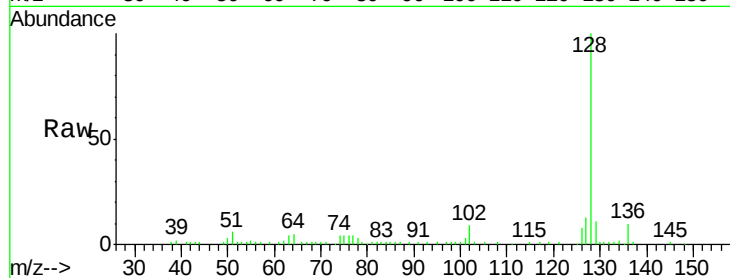
Tot Ion:128 Resp: 62072

Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

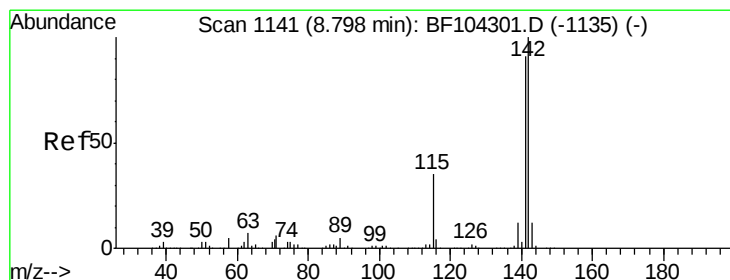
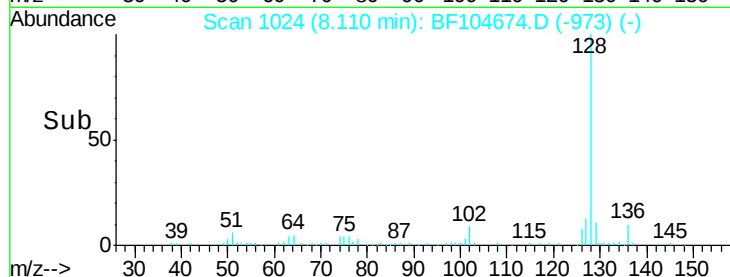
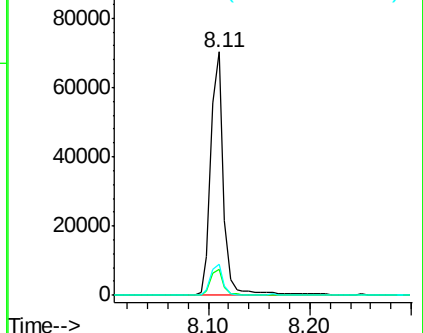
127 12.9 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.706 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

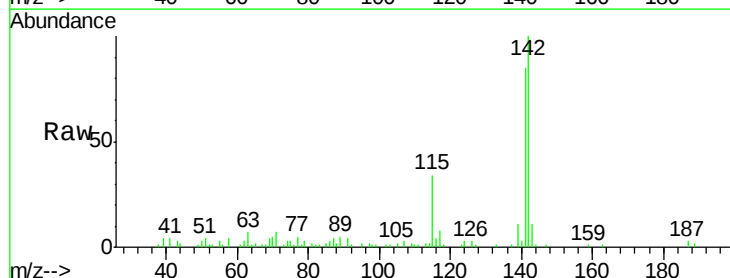
Tgt Ion:142 Resp: 31381

Ion Ratio Lower Upper

142 100

141 84.8 70.8 106.2

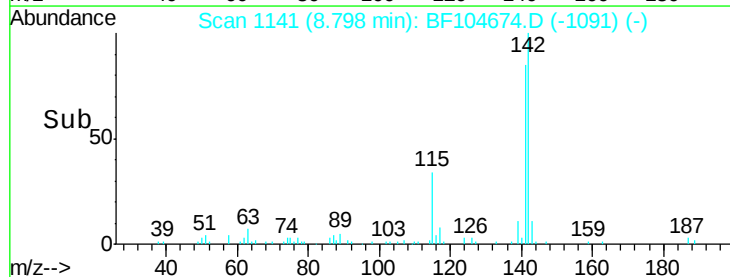
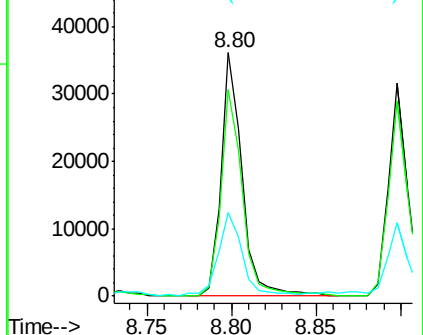
115 34.2 26.1 39.1

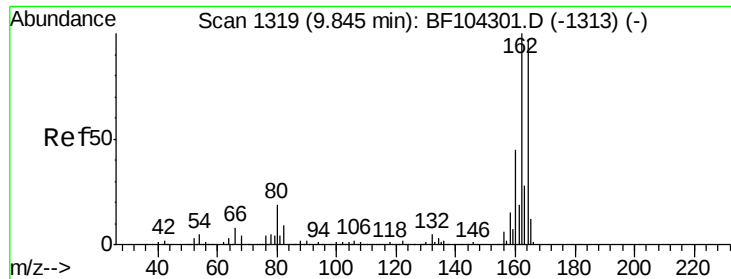


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

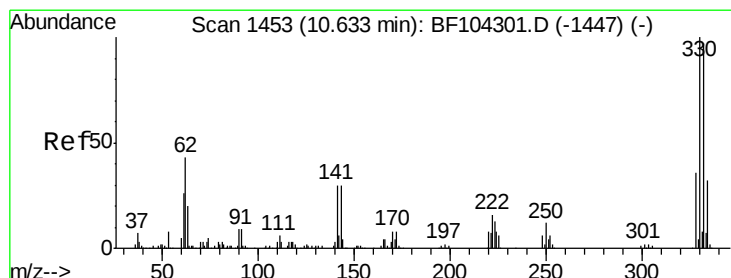
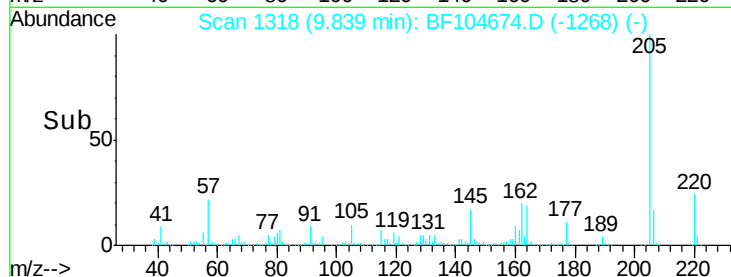
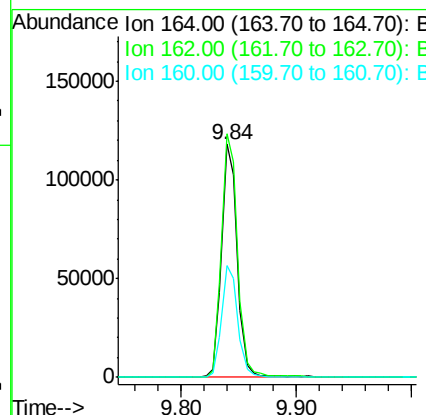
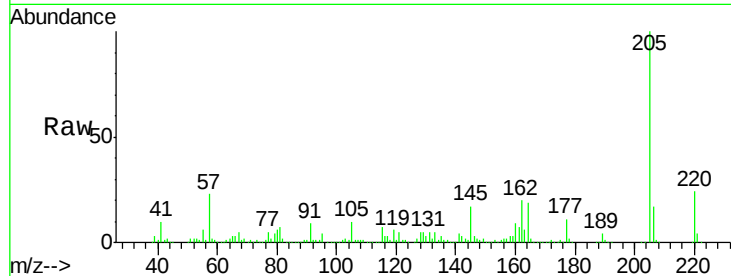




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

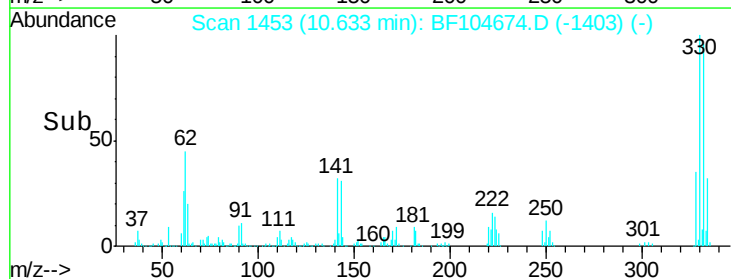
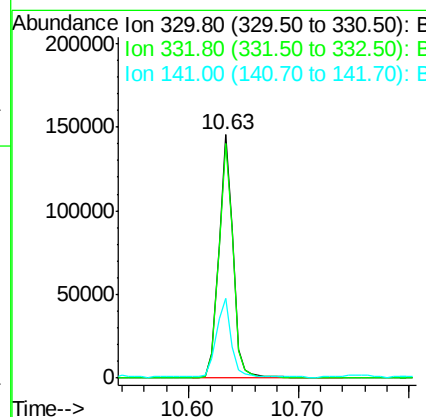
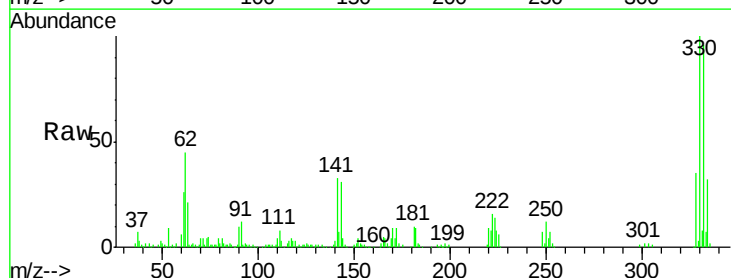
Instrument :
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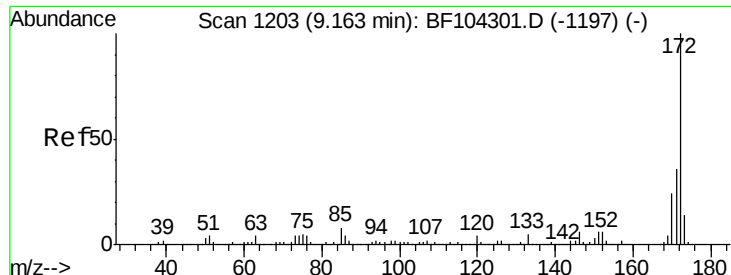
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.6	86.1	129.1
160	48.1	38.3	57.5



#41
 2,4,6-Tribromophenol
 Concen: 110.076 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	34.2	29.9	44.9

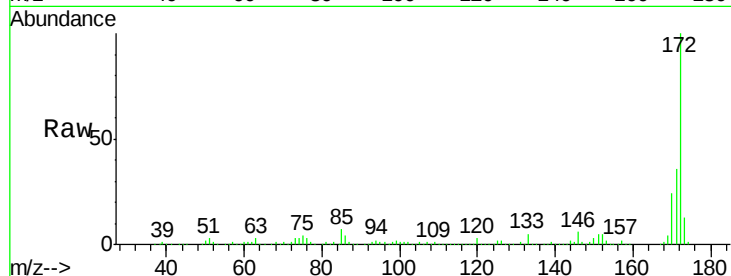




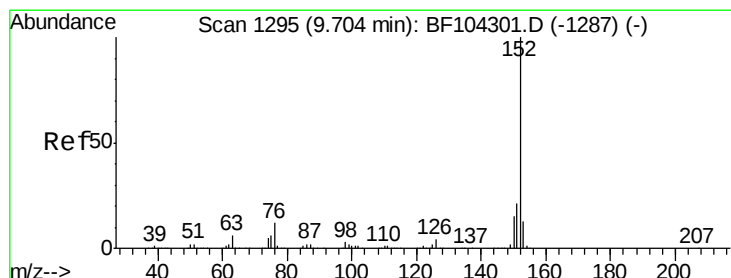
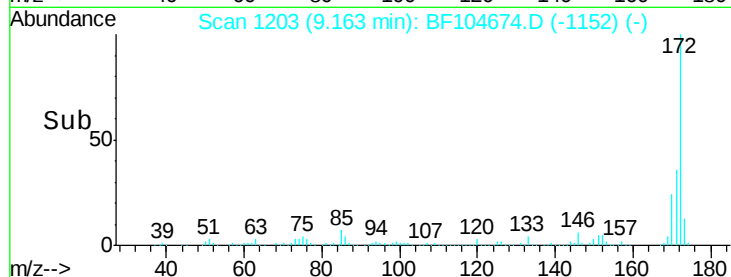
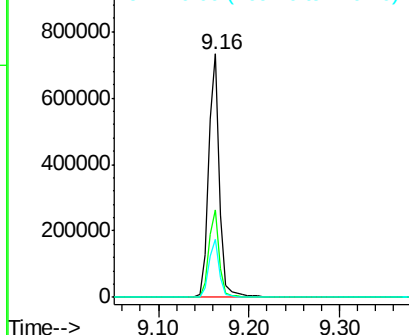
#44
 2-Fluorobiphenyl
 Concen: 87.473 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	23.8	19.6	29.4

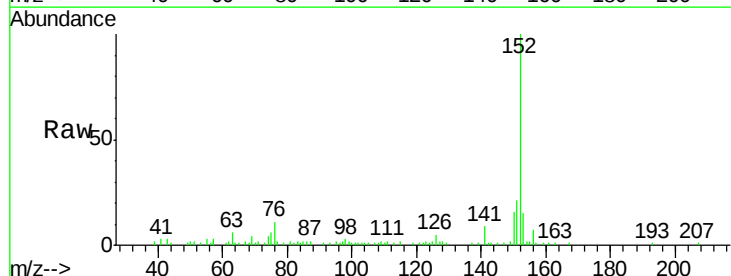


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

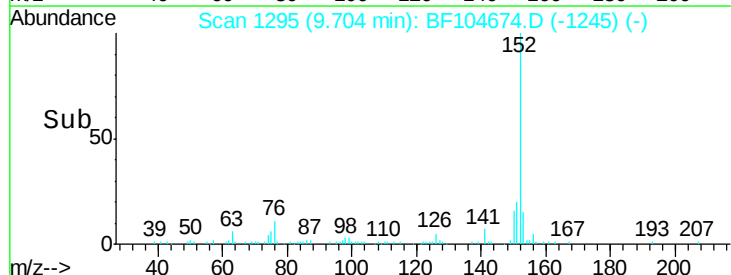
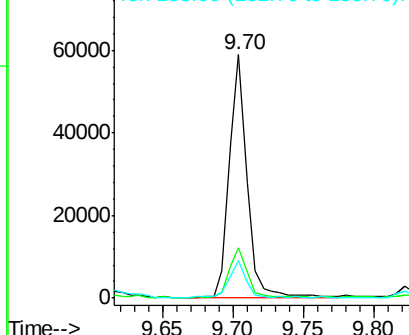


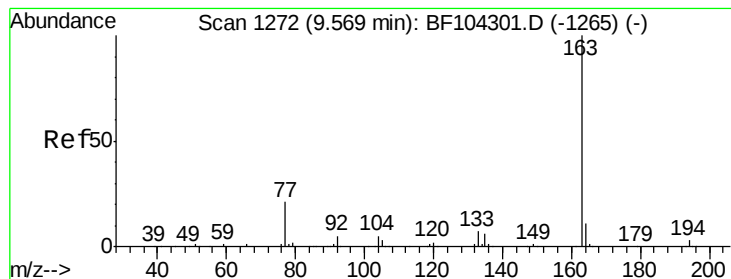
#48
 Acenaphthylene
 Concen: 4.464 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	15.2	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: 7.912 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

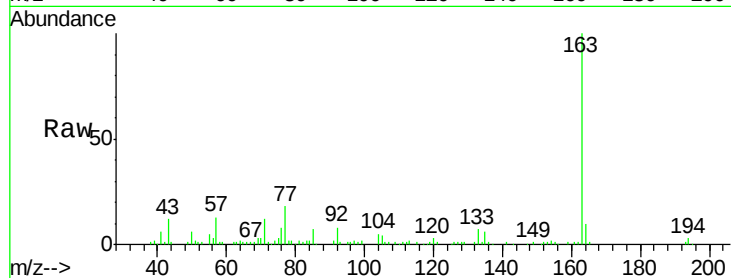
Tot Ion:163 Resp: 69970

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

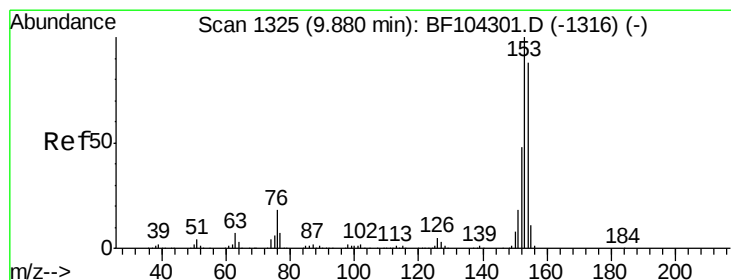
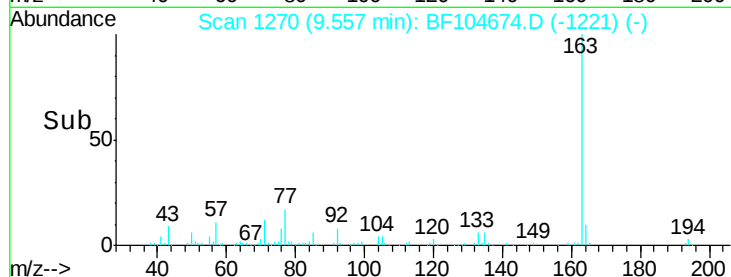
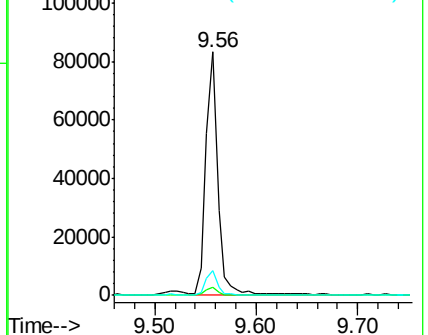
164 10.1 8.2 12.2



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: 4.955 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

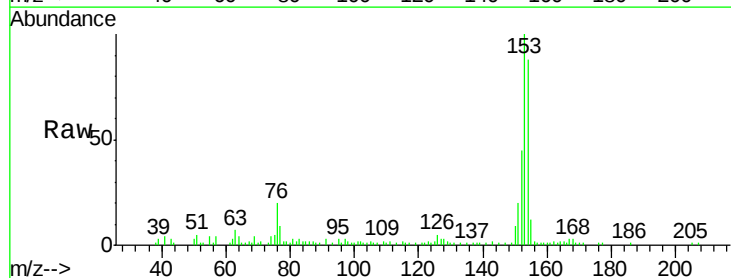
Tgt Ion:154 Resp: 35300

Ion Ratio Lower Upper

154 100

153 113.0 91.2 136.8

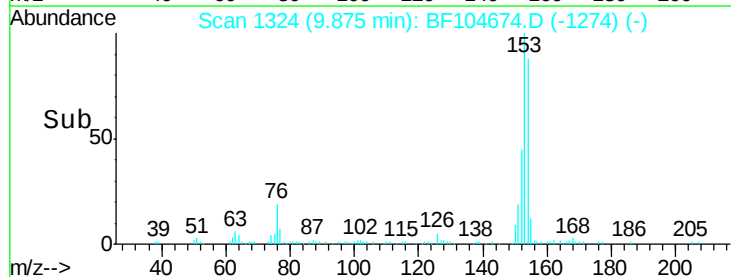
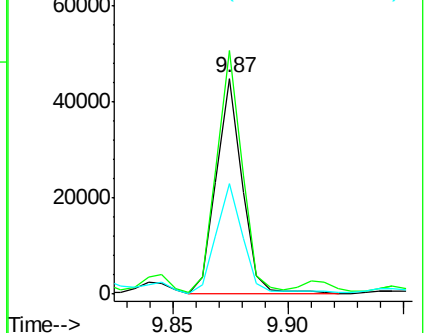
152 51.1 43.8 65.8

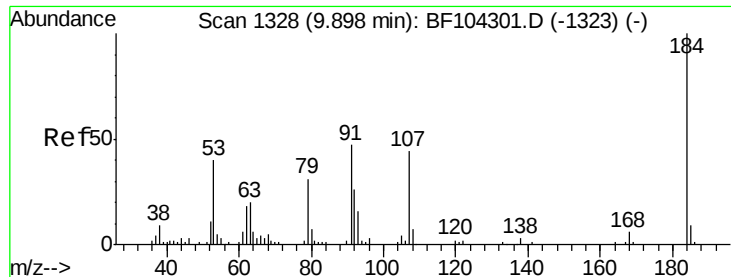


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

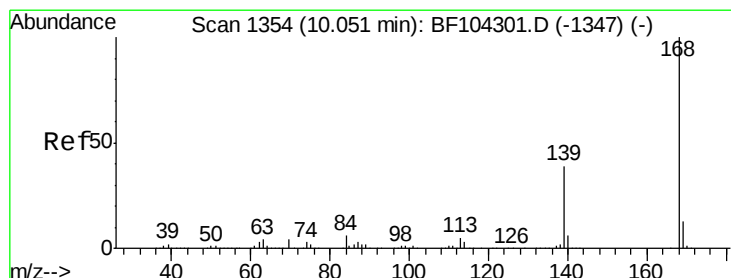
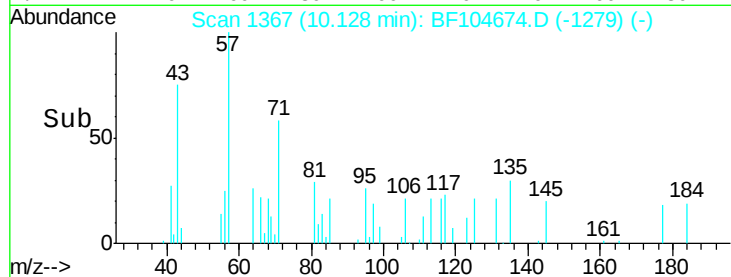
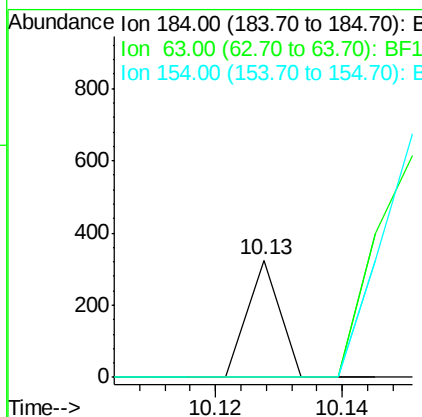
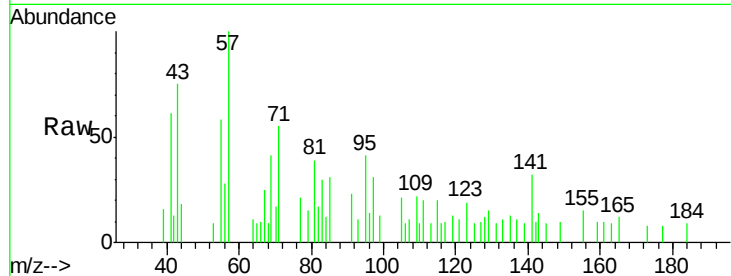




#53
 2,4-Dinitrophenol
 Concen: 5.380 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.22 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

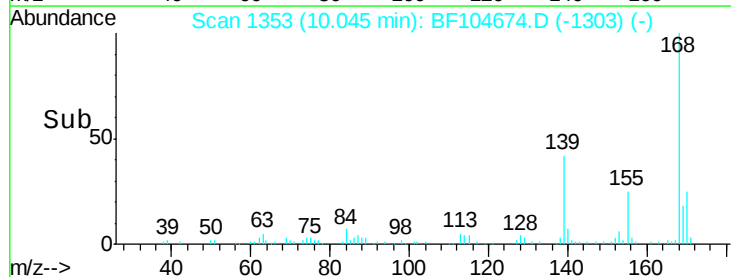
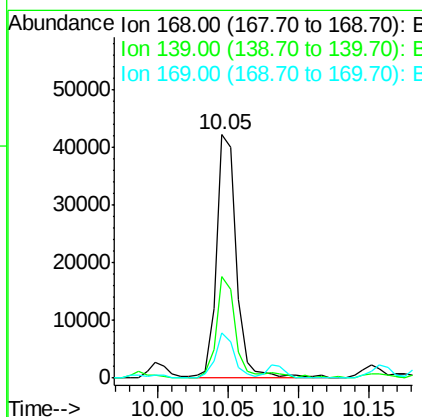
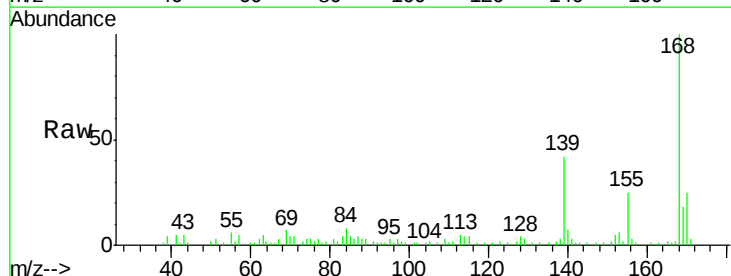
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

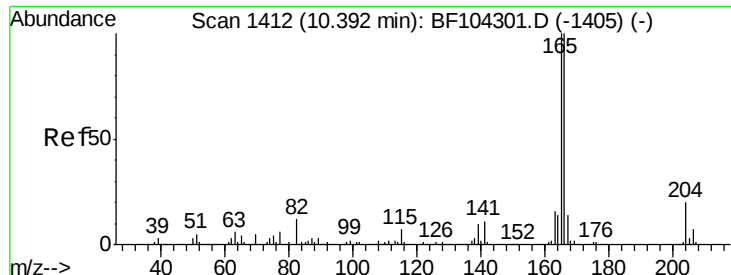
Tot Ion:184 Resp: 114
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#54
 Dibenzofuran
 Concen: 4.168 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion:168 Resp: 41377
 Ion Ratio Lower Upper
 168 100
 139 41.7 30.1 45.1
 169 18.3 10.9 16.3#

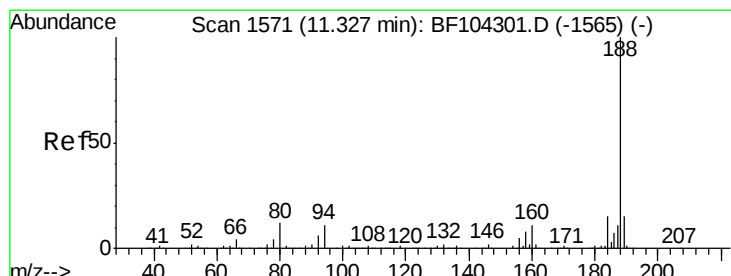
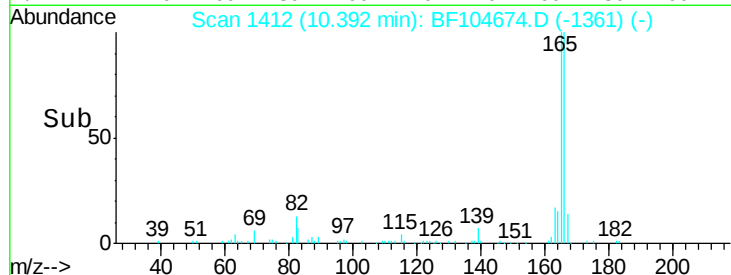
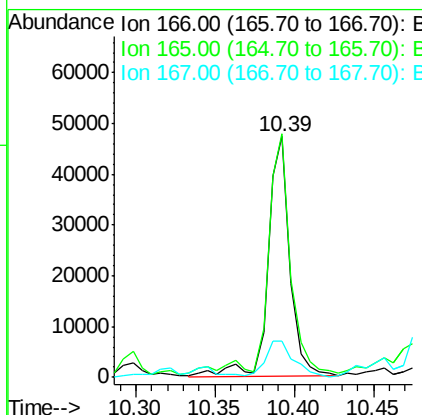
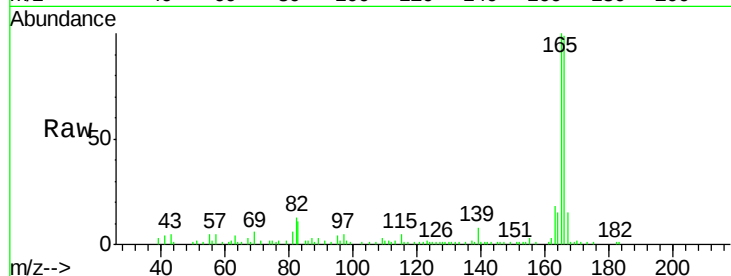




#57
Fluorene
 Concen: 6.310 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. -0.00 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

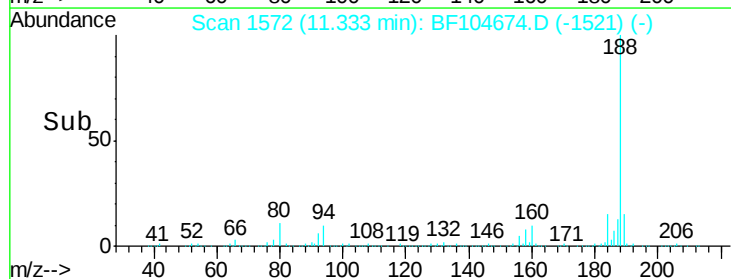
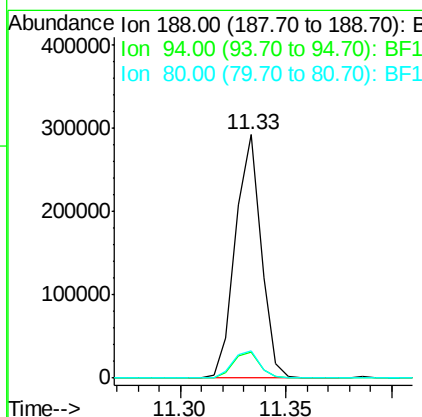
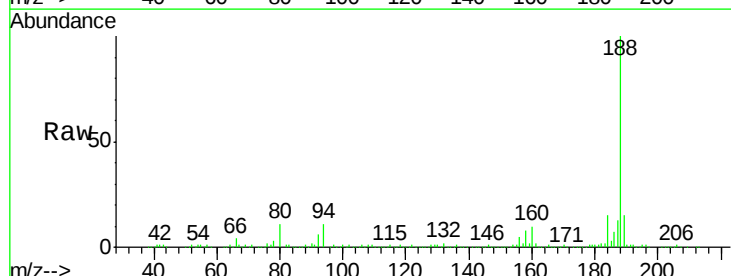
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

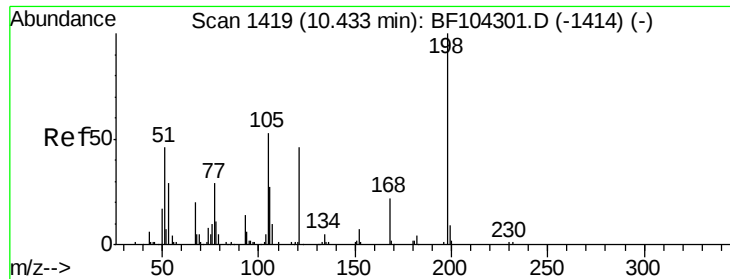
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.2	79.8	119.8
167	15.1	10.6	16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.00 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.5	12.7
80	11.1	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.441 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.18 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

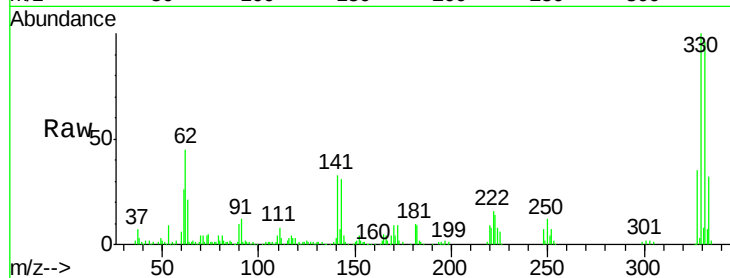
Tot Ion:198 Resp: 133

Ion Ratio Lower Upper

198 100

51 319.8 37.7 77.7#

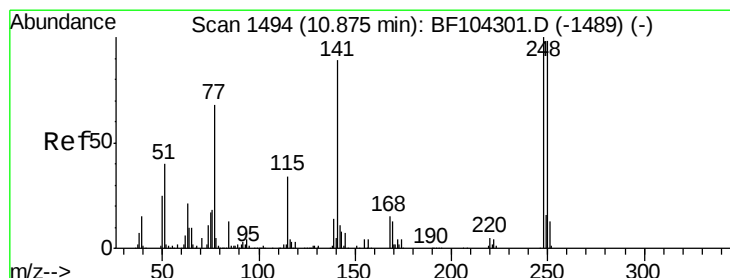
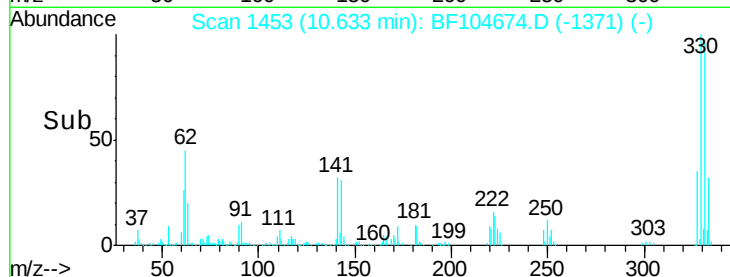
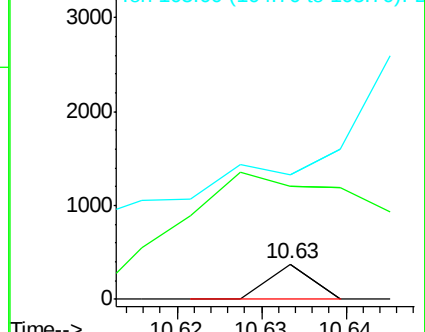
105 351.9 36.3 76.3#



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: 3.067 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

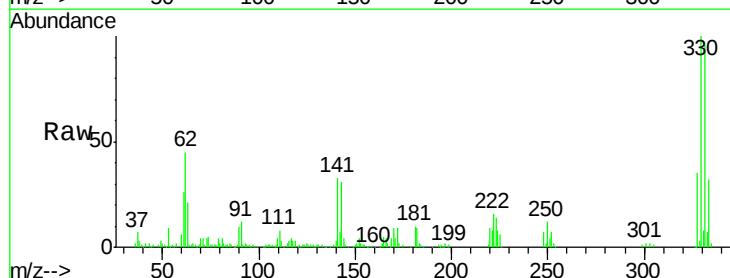
Tgt Ion:248 Resp: 8034

Ion Ratio Lower Upper

248 100

250 175.6 76.9 115.3#

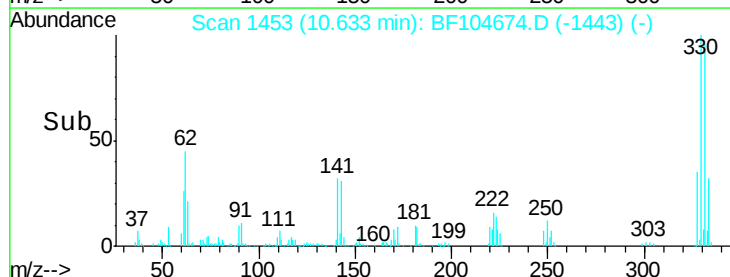
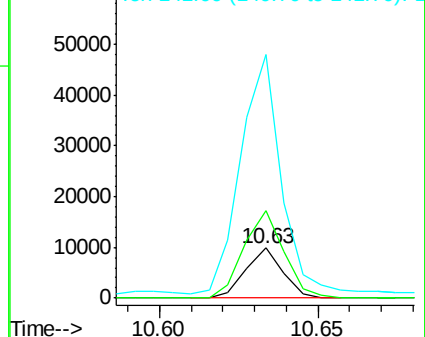
141 485.6 74.4 111.6#

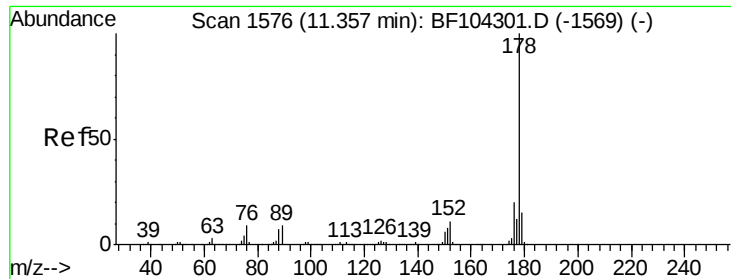


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

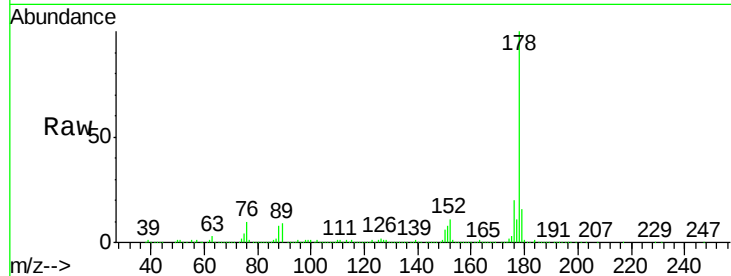




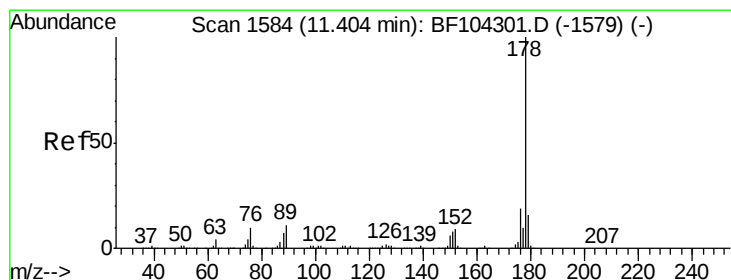
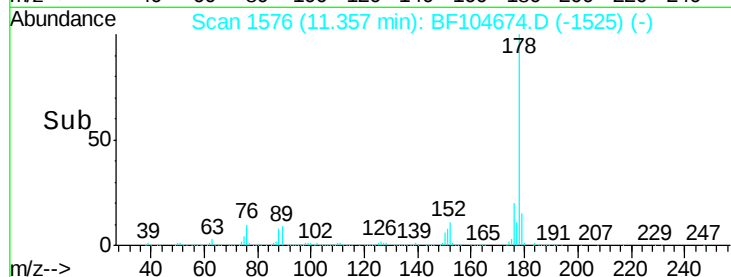
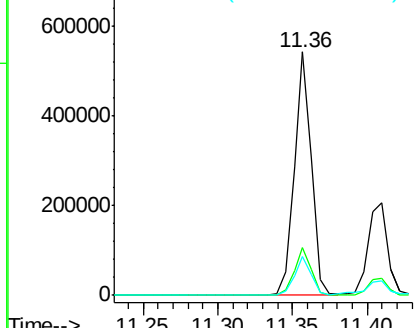
#70
Phenanthrene
Concen: 31.739 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.00 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-ARE

Tot Ion:178 Resp: 435317
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 15.7 13.0 19.6

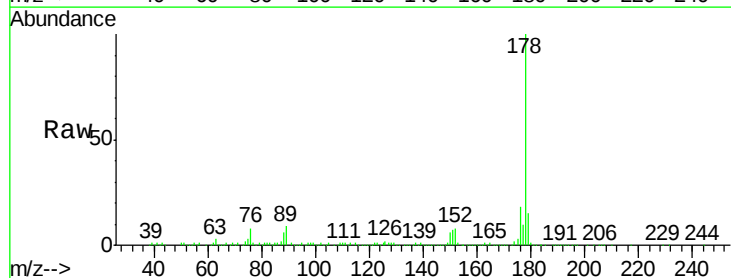


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

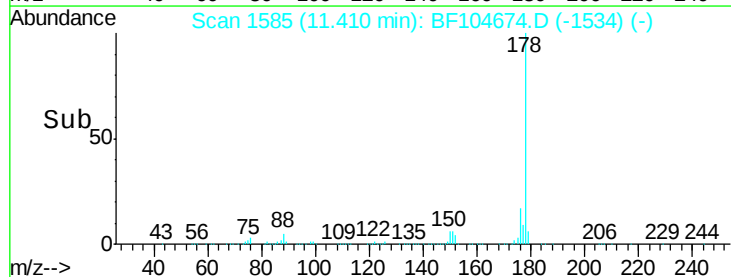
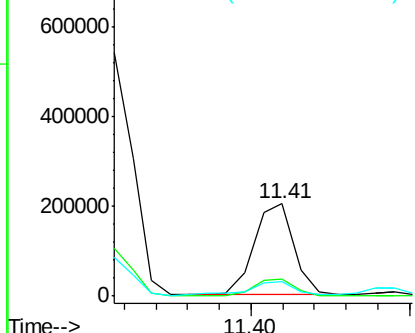


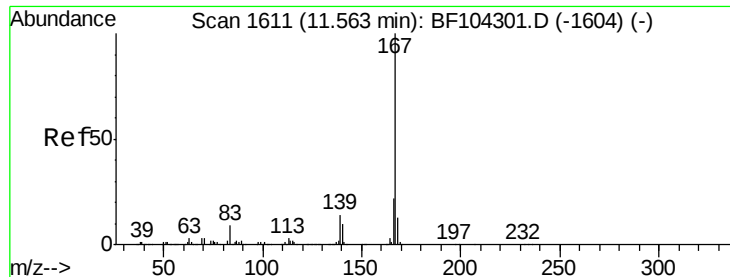
#71
Anthracene
Concen: 12.525 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Tgt Ion:178 Resp: 174624
Ion Ratio Lower Upper
178 100
176 18.2 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: 2.368 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

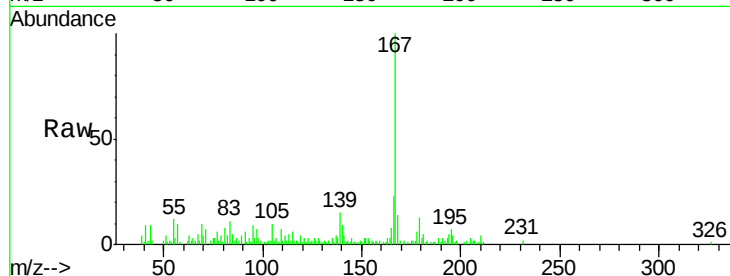
Tot Ion:167 Resp: 32263

Ion Ratio Lower Upper

167 100

166 23.1 17.6 26.4

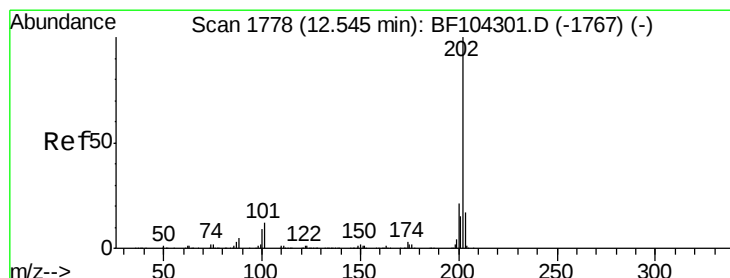
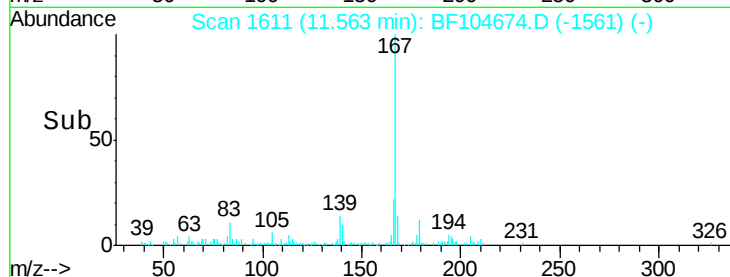
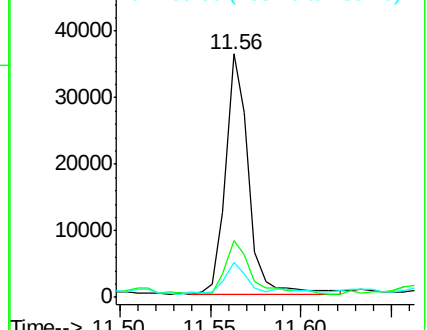
139 14.6 10.9 16.3



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: 52.276 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

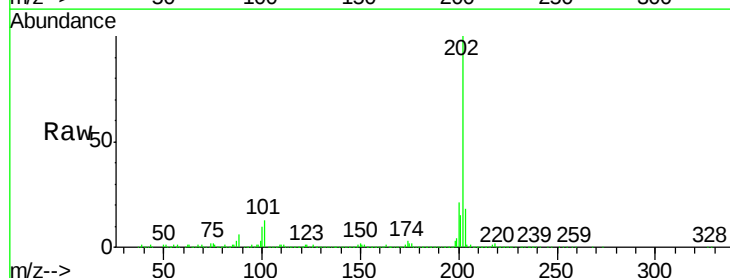
Tgt Ion:202 Resp: 749108

Ion Ratio Lower Upper

202 100

101 13.1 0.0 34.1

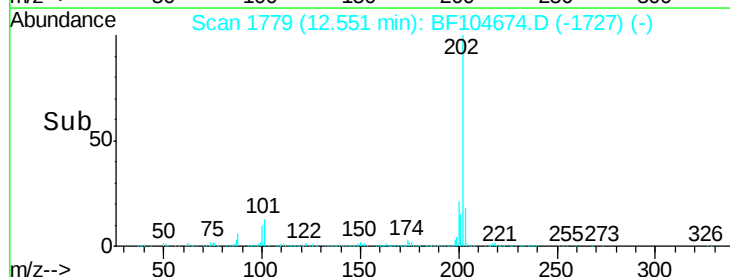
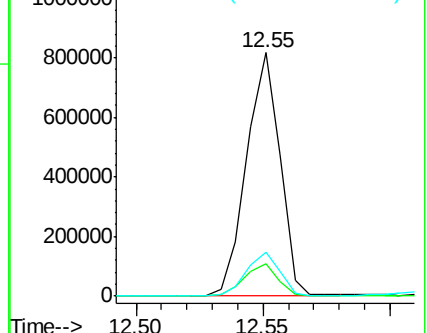
203 17.8 0.0 38.1

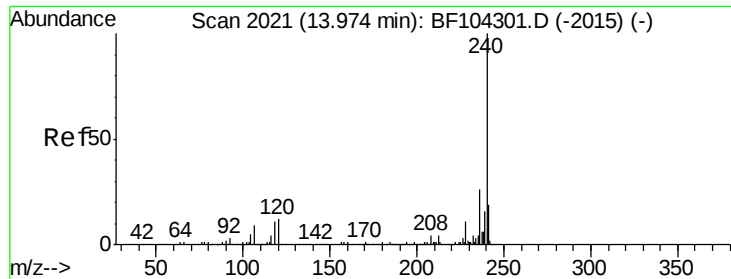


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

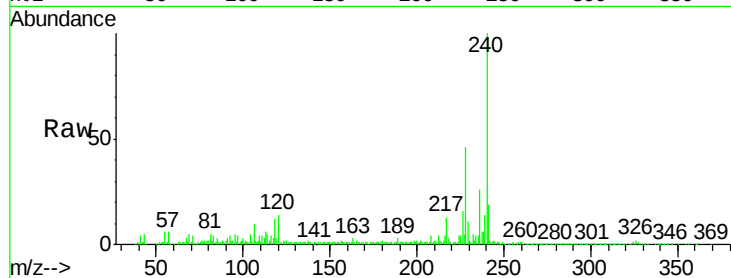
Tot Ion:240 Resp: 193465

Ion Ratio Lower Upper

240 100

120 14.1 9.5 14.3

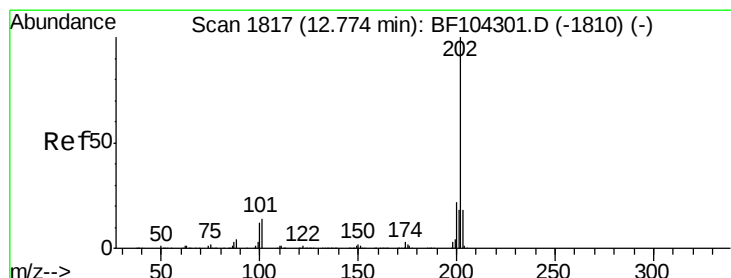
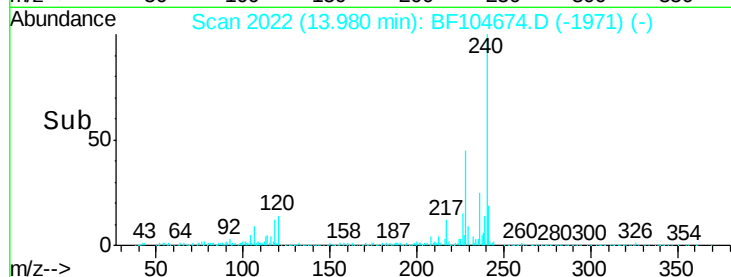
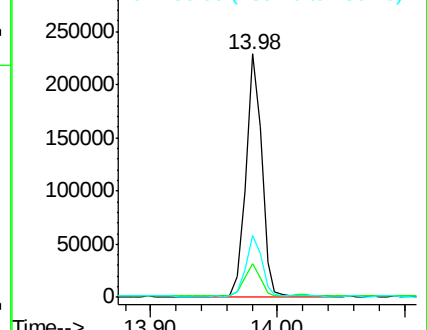
236 25.5 20.7 31.1



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: 50.333 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

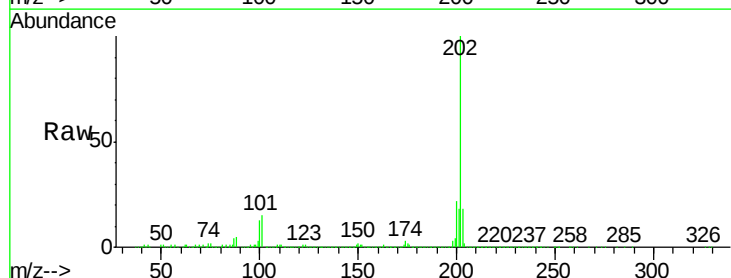
Tgt Ion:202 Resp: 721786

Ion Ratio Lower Upper

202 100

200 21.9 17.4 26.2

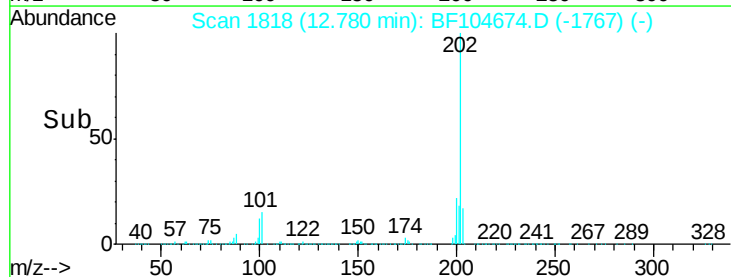
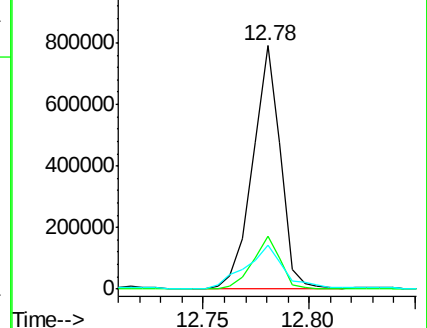
203 18.0 14.3 21.5

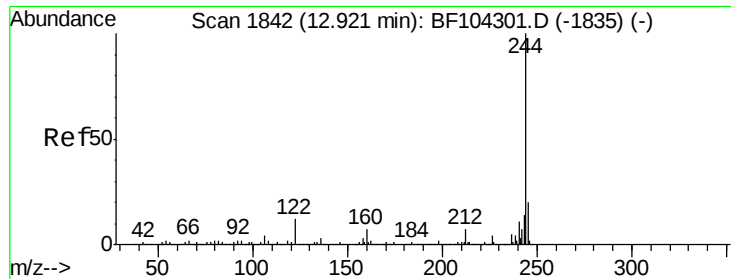


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.758 ng

RT: 12.92 min Scan# 1842

Delta R.T. -0.00 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-ARE

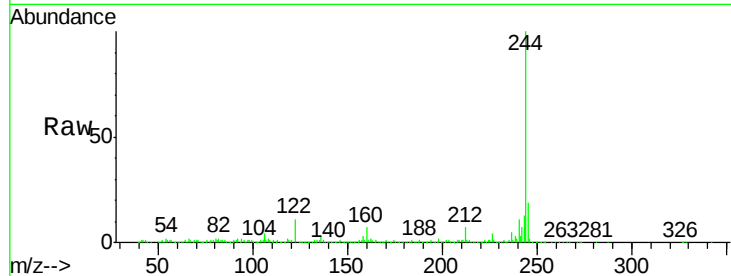
Tot Ion:244 Resp: 574990

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

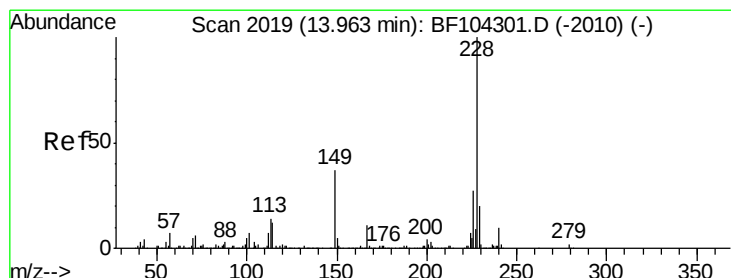
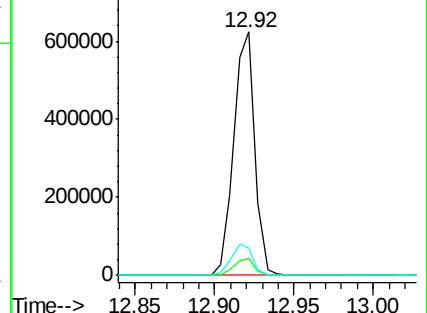
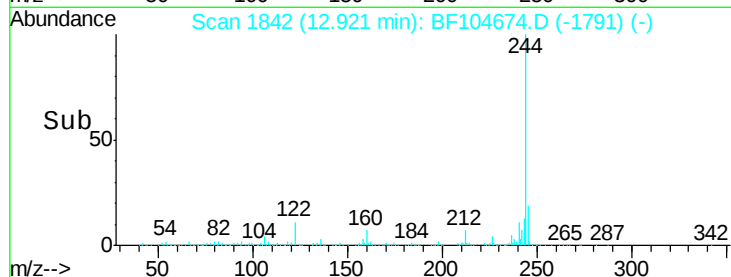
122 11.4 11.0 16.4



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: 28.145 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF104674.D

Acq: 20 Apr 2018 15:14

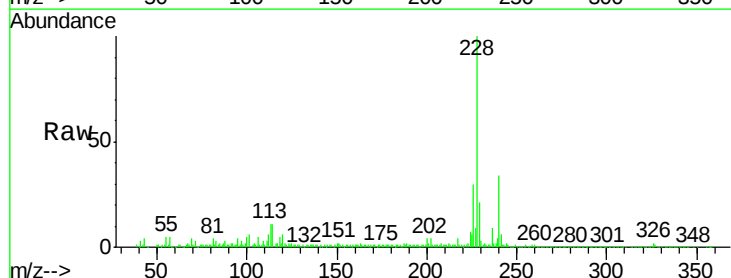
Tgt Ion:228 Resp: 325298

Ion Ratio Lower Upper

228 100

226 30.4 22.6 33.8

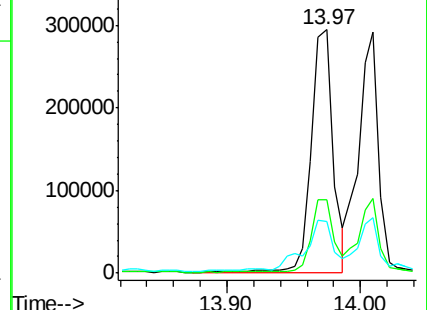
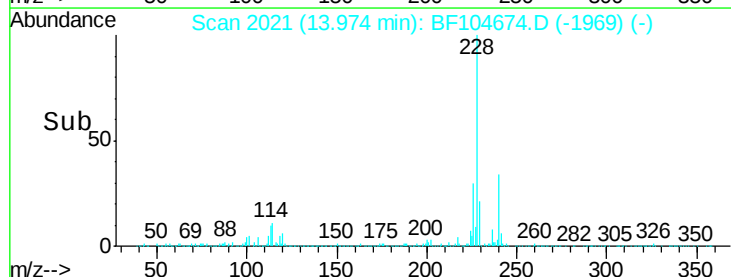
229 21.4 15.8 23.6

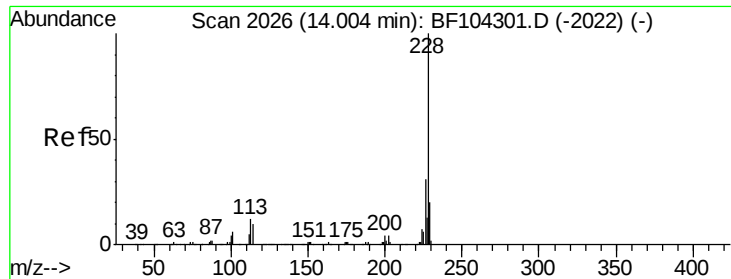


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

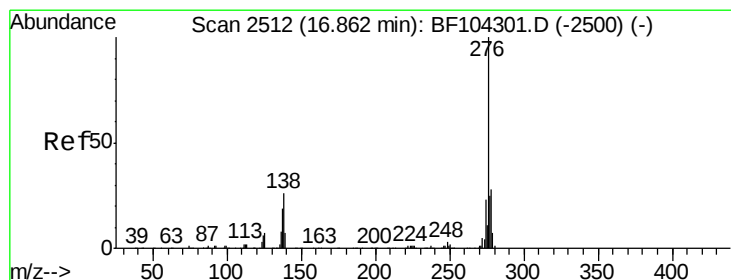
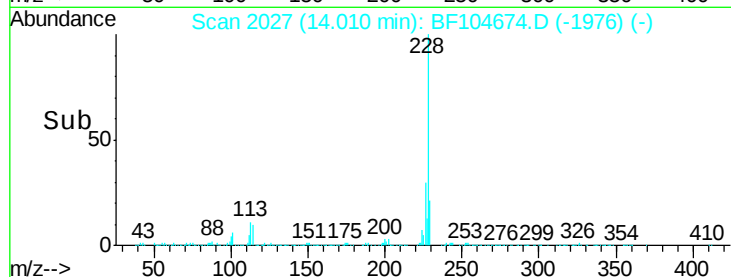
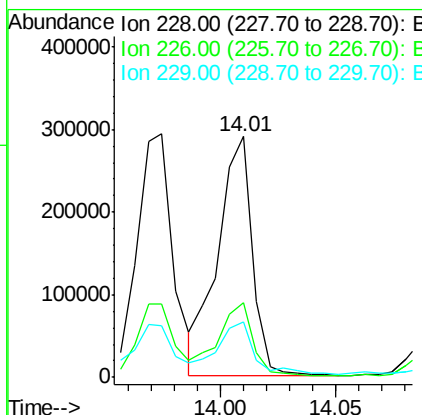
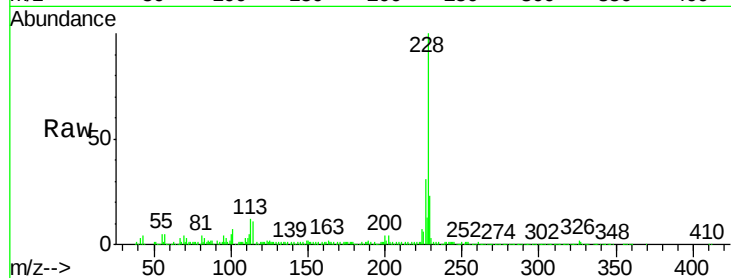




#82
 Chrvsene
 Concen: 25.643 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

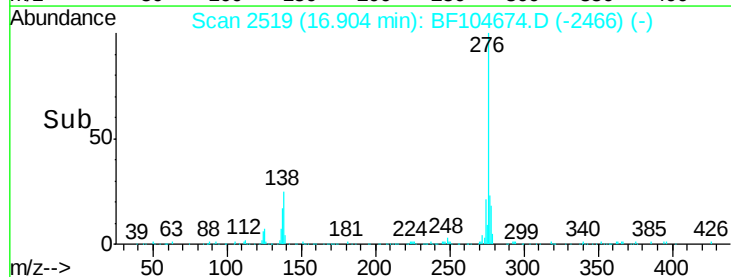
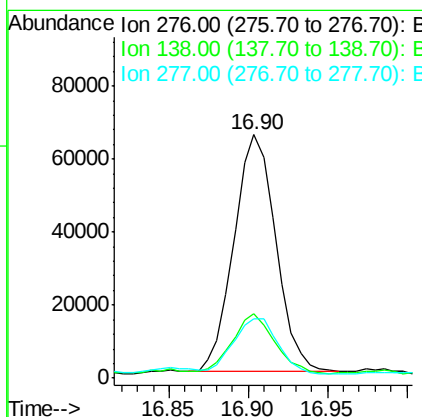
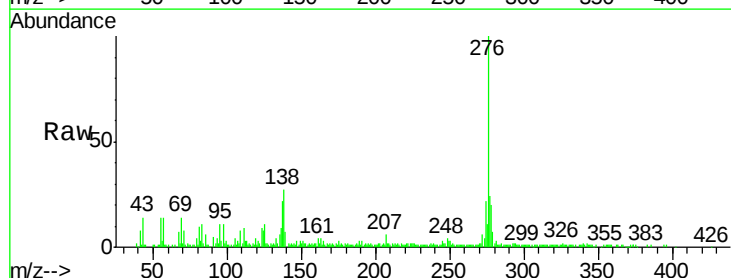
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-ARE

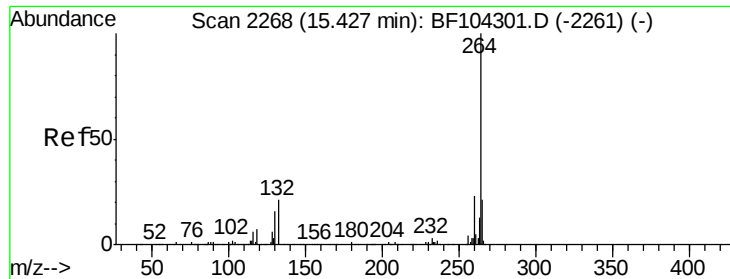
Tot Ion:228 Resp: 304427
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.0 37.6
 229 22.8 16.2 24.4



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 11.820 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. 0.01 min
 Lab File: BF104674.D
 Acq: 20 Apr 2018 15:14

Tgt Ion:276 Resp: 119203
 Ion Ratio Lower Upper
 276 100
 138 26.8 25.0 37.6
 277 25.5 20.1 30.1

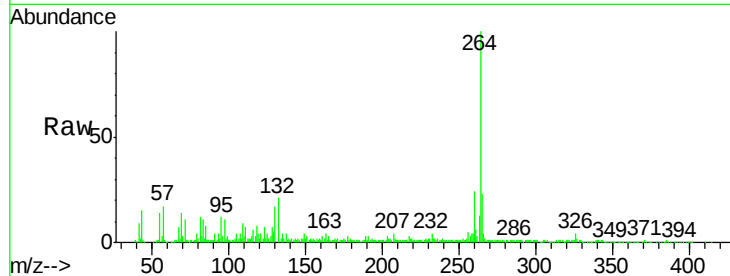




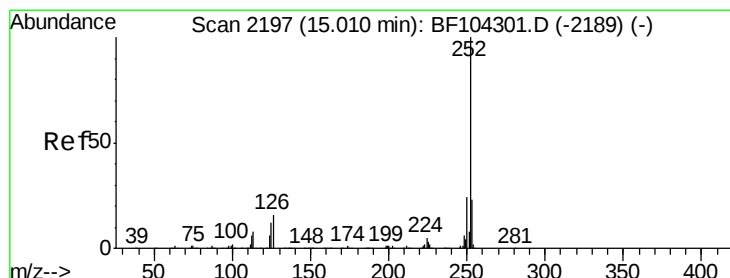
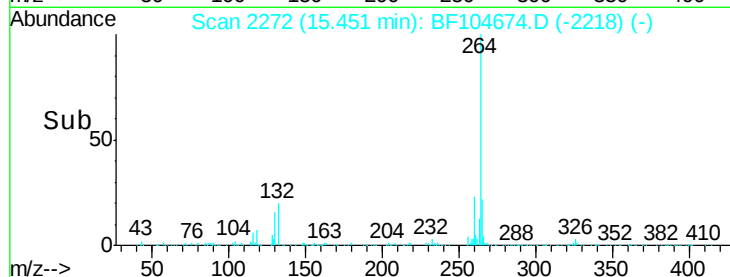
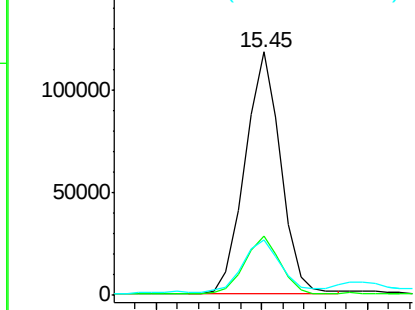
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.02 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-ARE

Tot Ion:264 Resp: 138489
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 22.8 17.5 26.3

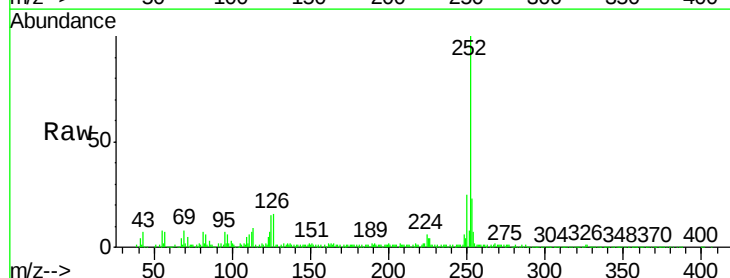


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

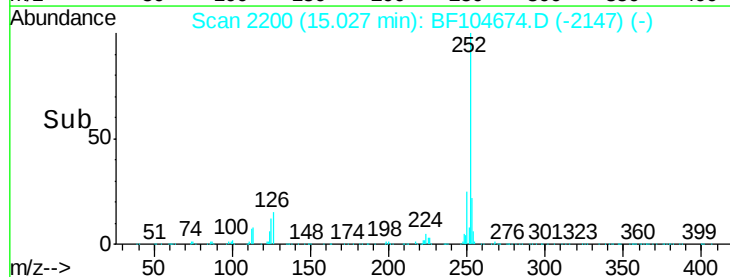
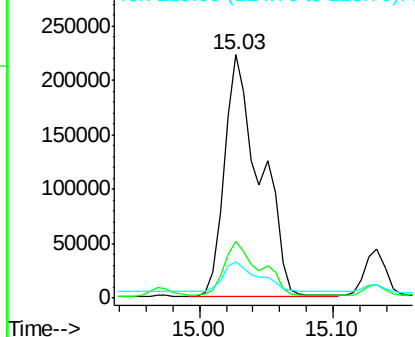


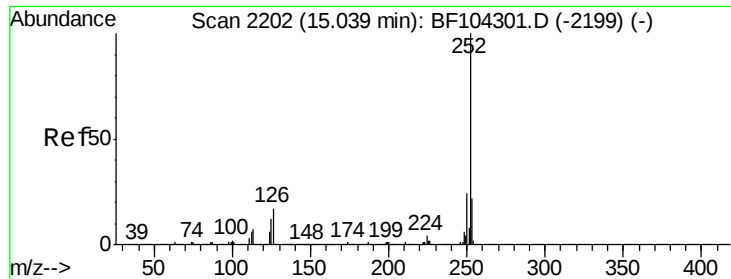
#87
Benzo(b)fluoranthene
Concen: 47.403 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Tgt Ion:252 Resp: 414625
Ion Ratio Lower Upper
252 100
253 23.2 17.0 25.6
125 15.1 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

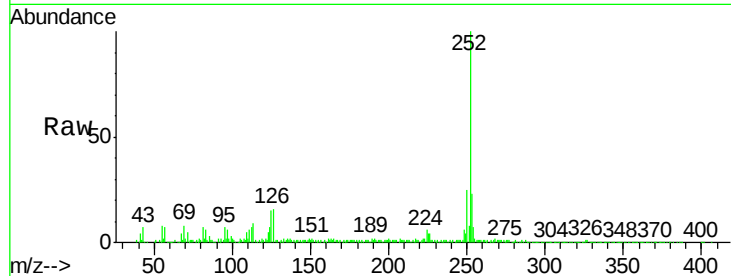




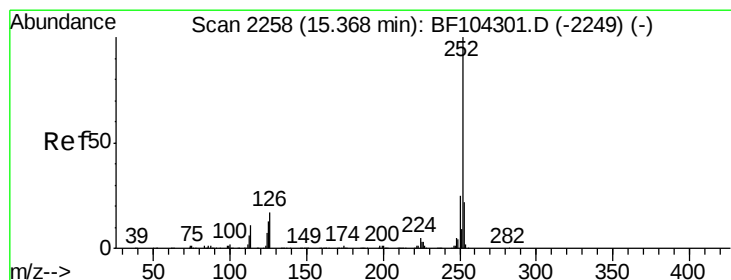
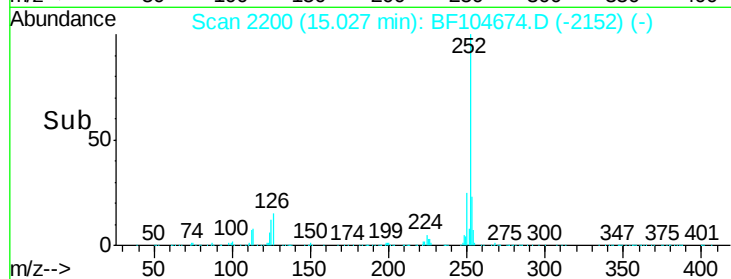
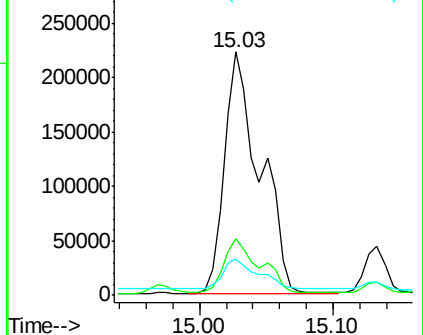
#88
Benzo(k)fluoranthene
Concen: 50.211 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-ARE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	15.1	10.2	15.2

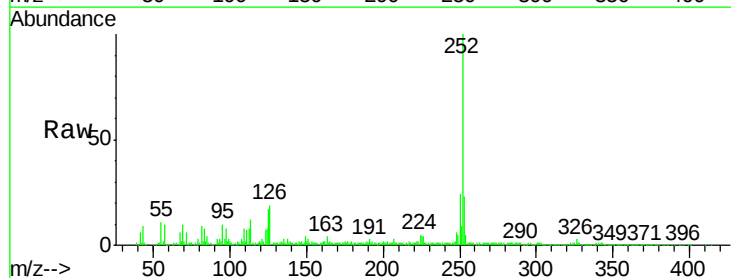


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

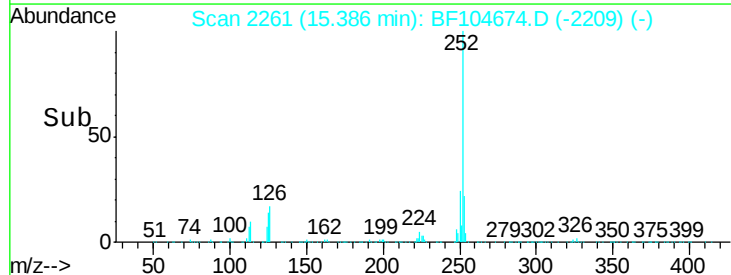
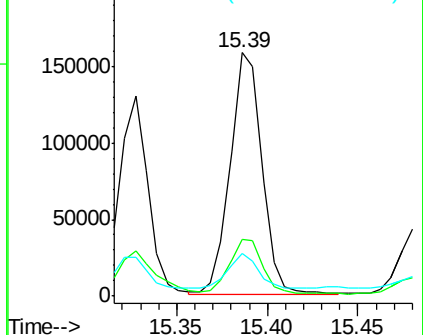


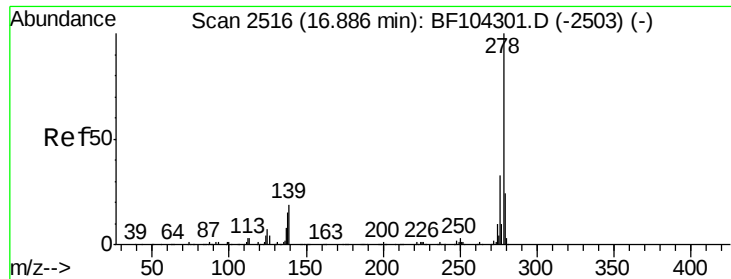
#89
Benzo(a)pyrene
Concen: 24.630 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.1	25.7
125	17.3	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

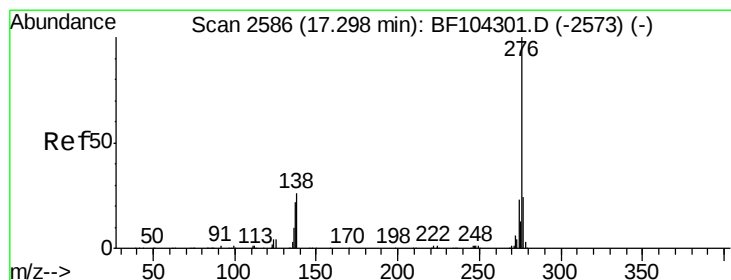
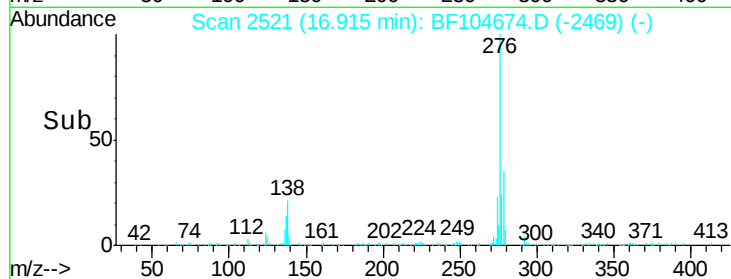
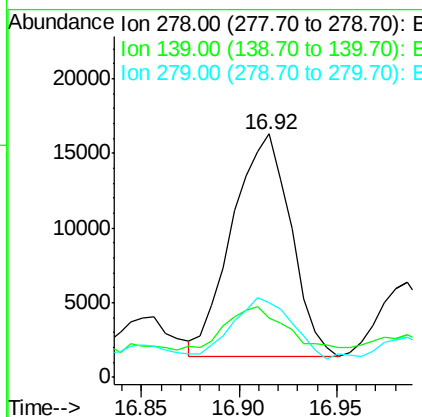
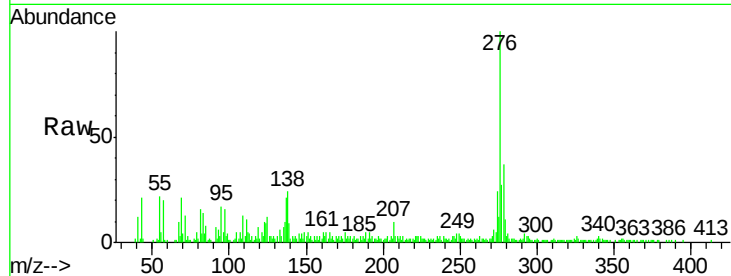




#90
Dibenzo(a,h)anthracene
Concen: 4.828 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-ARE

Tot Ion:278 Resp: 31030
Ion Ratio Lower Upper
278 100
139 24.1 15.9 23.9#
279 30.9 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 19.289 ng
RT: 17.34 min Scan# 2594
Delta R.T. 0.01 min
Lab File: BF104674.D
Acq: 20 Apr 2018 15:14

Tgt Ion:276 Resp: 120118
Ion Ratio Lower Upper
276 100
277 23.4 17.9 26.9
138 25.2 21.8 32.8

