

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032019\
 Data File : BF113189.D
 Acq On : 21 Mar 2019 00:56
 Operator : JU/SJ
 Sample : K1989-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UNCOVERED-FOUNDATION

Quant Time: Mar 21 16:17:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 21 12:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	117740	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	441238	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	213167	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	400159	20.00	ng	0.00
76) Chrysene-d12	13.86	240	361846	20.00	ng	0.00
87) Perylene-d12	15.27	264	275011	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	408782	54.01	ng	0.00
7) Phenol-d6	6.37	99	696293	73.23	ng	0.00
23) Nitrobenzene-d5	7.28	82	505416	68.54	ng	-0.01
42) 2,4,6-Tribromophenol	10.54	330	70339	31.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1046150	80.08	ng	0.00
79) Terphenyl-d14	12.82	244	1092952	58.55	ng	0.00

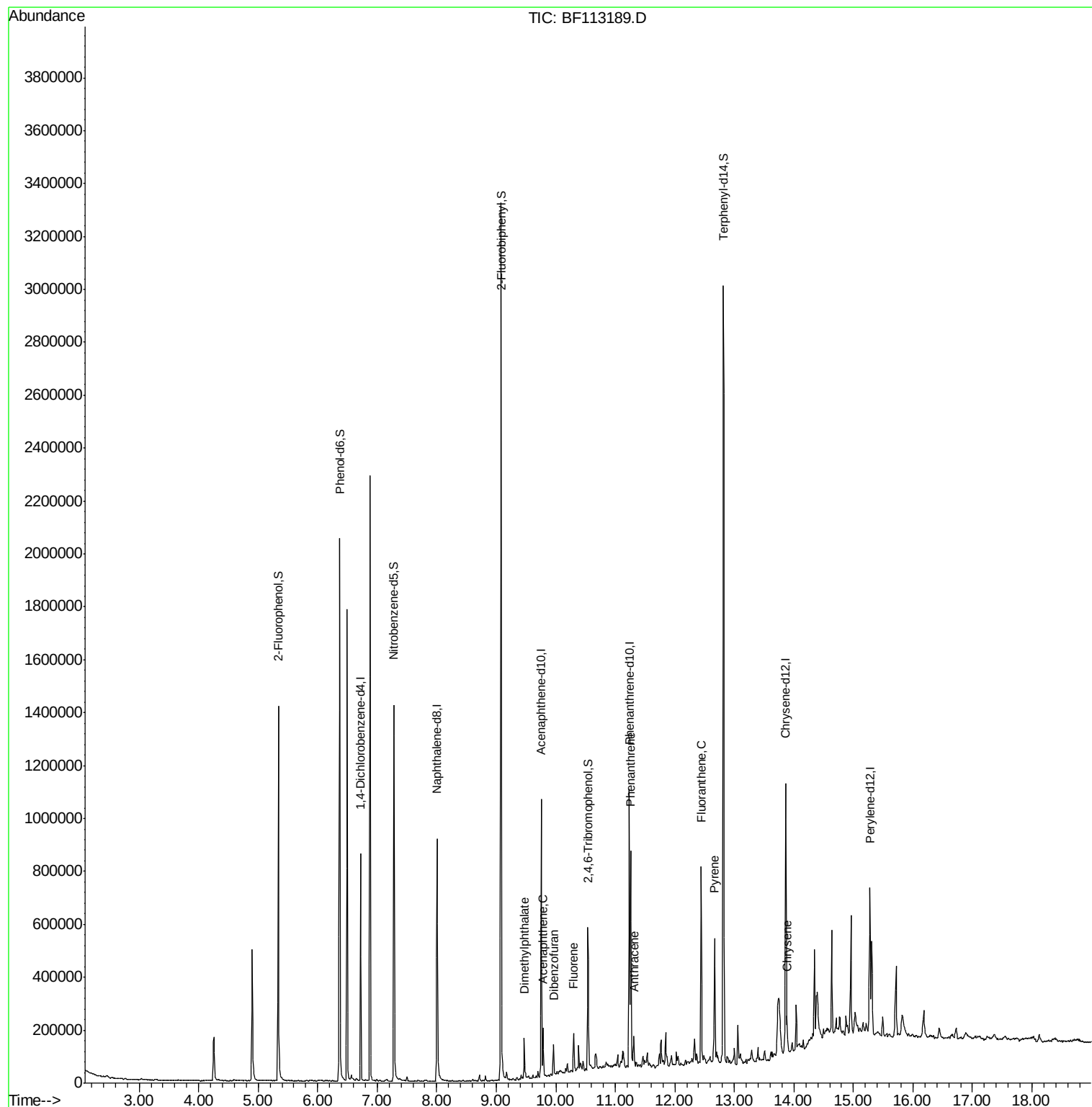
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.47	163	72118	4.588	ng	98
52) Acenaphthene	9.79	154	35909	2.664	ng	98
55) Dibenzofuran	9.96	168	51018	2.604	ng	96
58) Fluorene	10.30	166	46329	3.332	ng	98
71) Phenanthrene	11.26	178	291668	14.650	ng	97
72) Anthracene	11.31	178	41832	2.007	ng	96
75) Fluoranthene	12.45	202	290157	13.603	ng	96
78) Pyrene	12.67	202	197063	6.460	ng	98
83) Chrysene	13.89	228	55153	2.245	ng	97

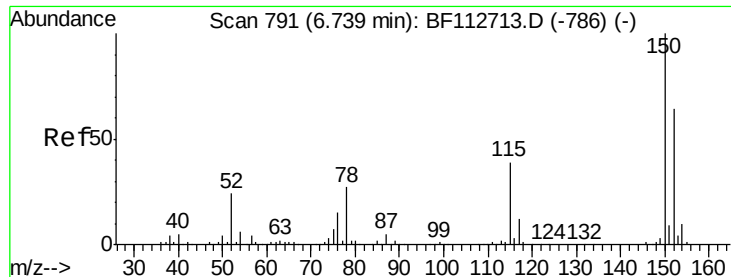
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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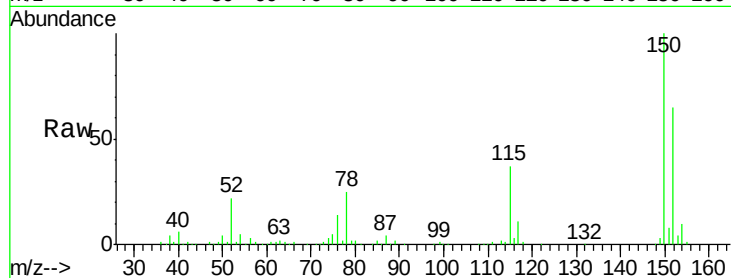


#1

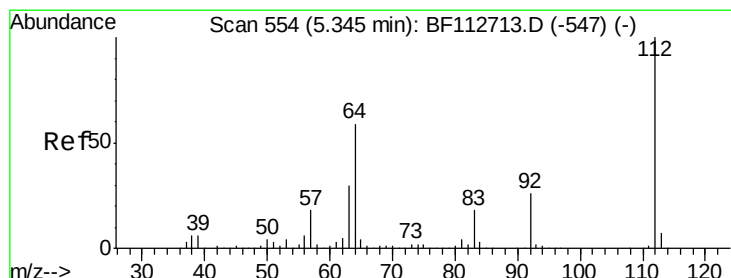
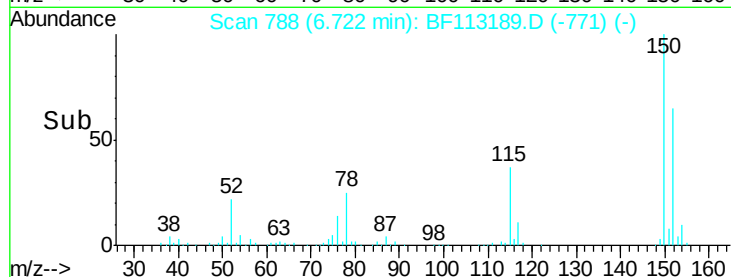
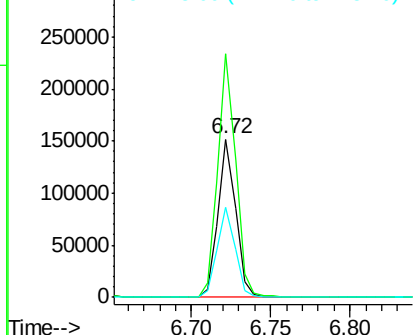
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Instrument :
BNA_F
ClientSampleId :
UNCOVERED-FOUNDATION

Tgt Ion:152 Resp: 117740
Ion Ratio Lower Upper
152 100
150 154.2 123.0 184.6
115 57.0 45.9 68.9



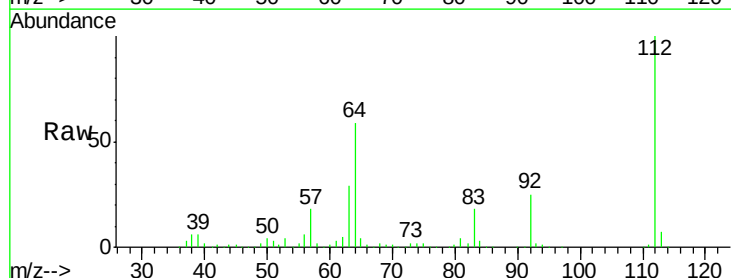
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



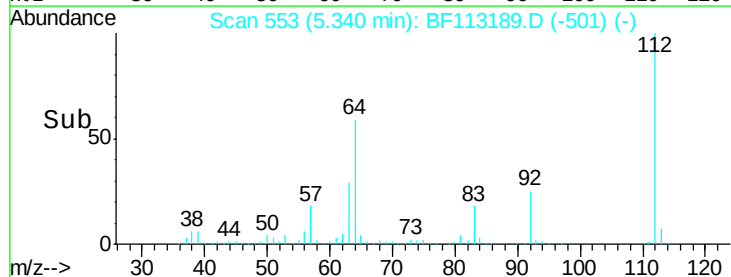
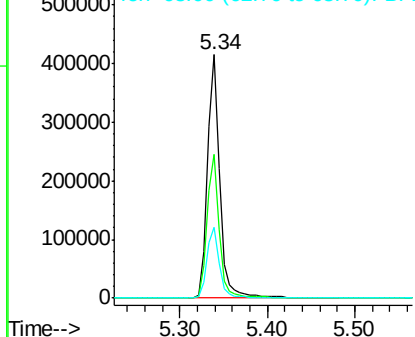
#5

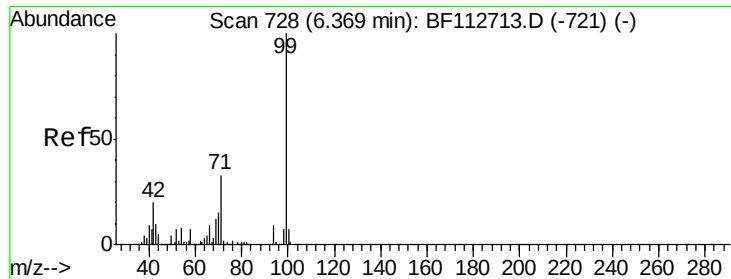
2-Fluorophenol
Concen: 54.007 ng
RT: 5.34 min Scan# 553
Delta R.T. 0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Tgt Ion:112 Resp: 408782
Ion Ratio Lower Upper
112 100
64 59.3 49.3 73.9
63 29.3 25.4 38.2



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: 73.232 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

Instrument :

BNA_F

ClientSampleId :

UNCOVERED-FOUNDATION

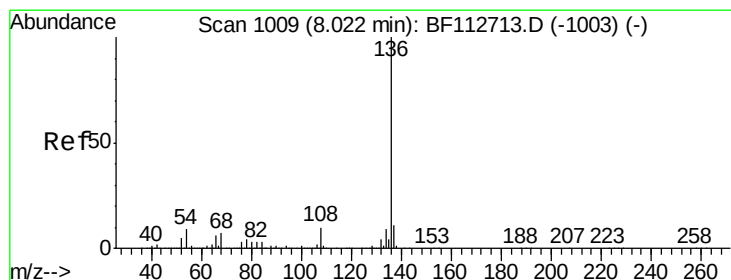
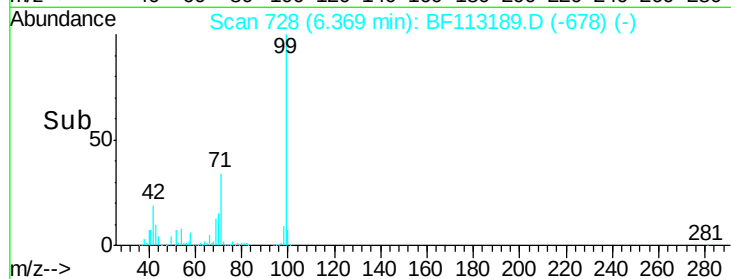
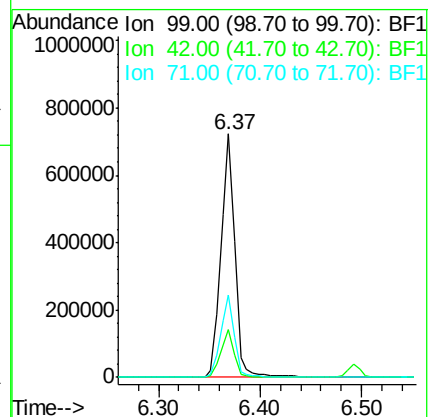
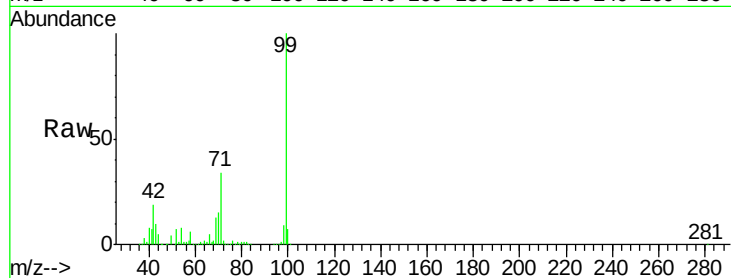
Tgt Ion: 99 Resp: 696293

Ion Ratio Lower Upper

99 100

42 19.4 15.2 22.8

71 33.6 25.7 38.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.00 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

Tgt Ion: 136 Resp: 441238

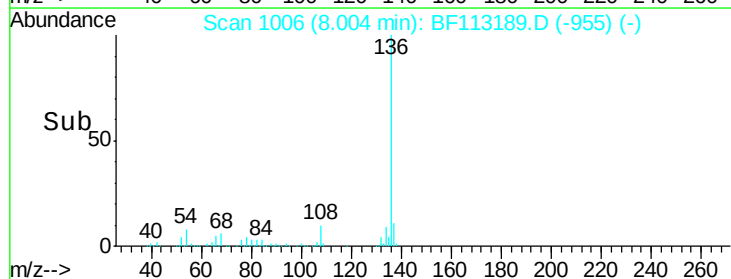
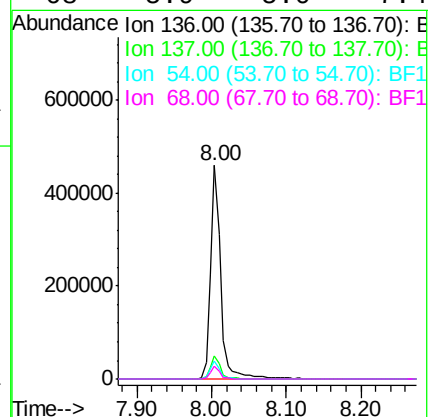
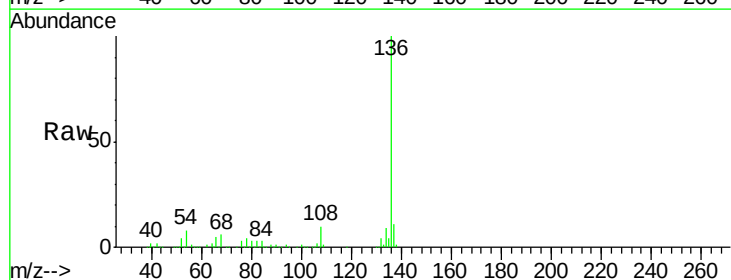
Ion Ratio Lower Upper

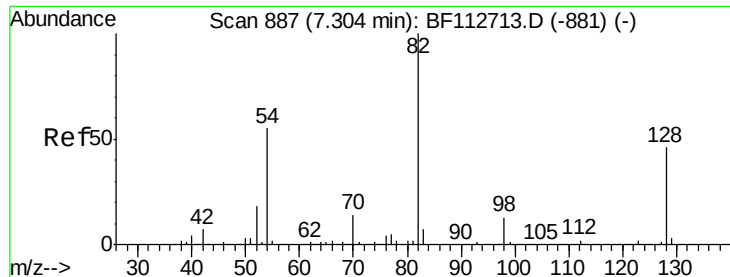
136 100

137 10.9 8.9 13.3

54 8.2 7.0 10.6

68 5.9 5.0 7.4

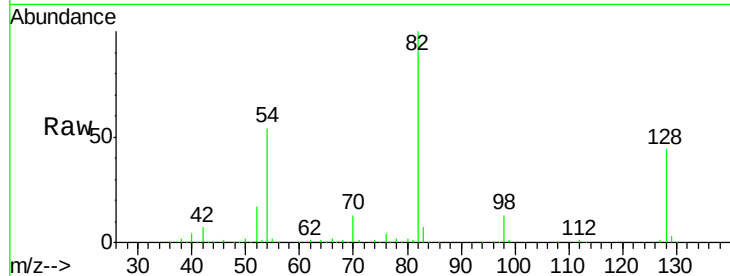




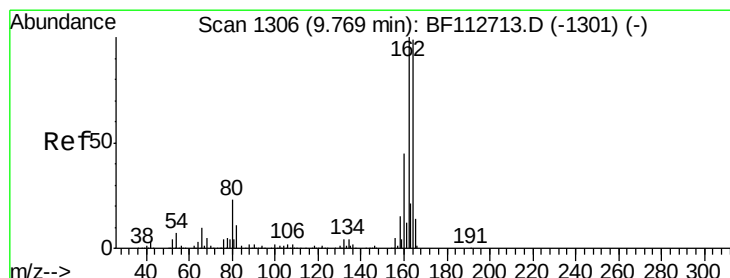
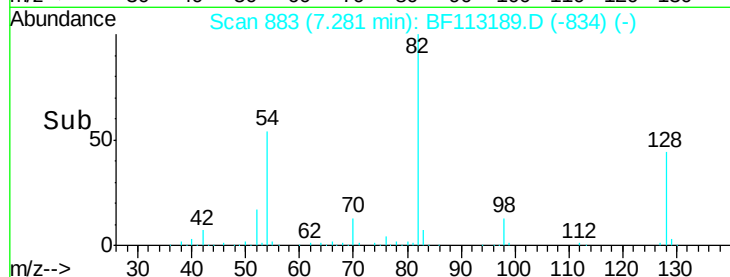
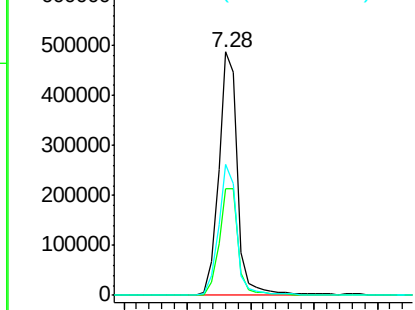
#23
 Nitrobenzene-d5
 Concen: 68.541 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113189.D
 Acq: 21 Mar 2019 00:56

Instrument :
 BNA_F
 ClientSampleId :
 UNCOVERED-FOUNDATION

Tgt Ion: 82 Resp: 505416
 Ion Ratio Lower Upper
 82 100
 128 43.9 37.9 56.9
 54 53.8 41.2 61.8

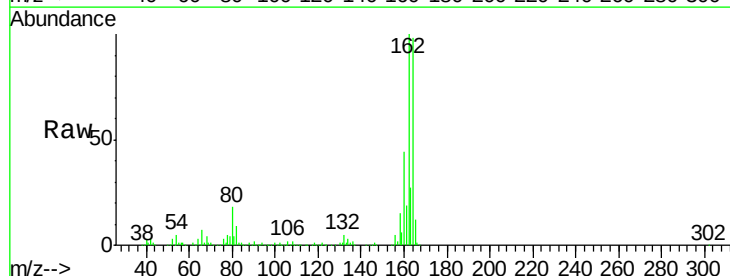


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

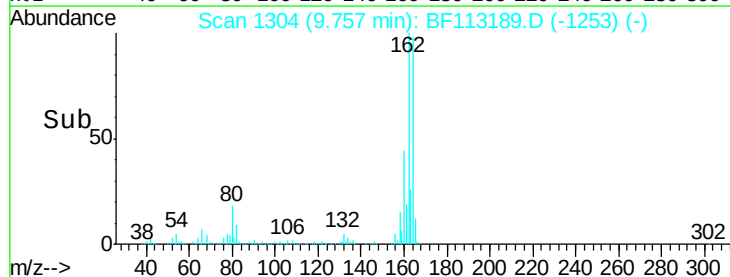
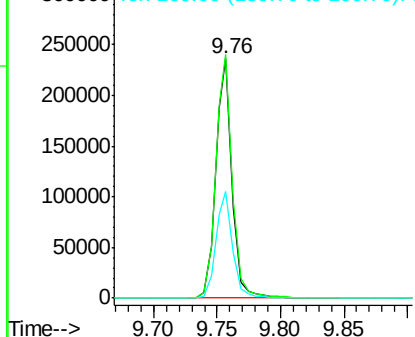


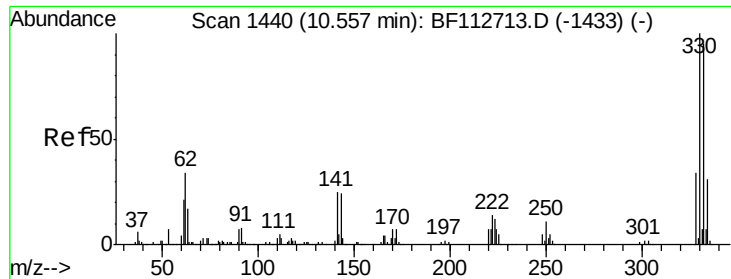
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.00 min
 Lab File: BF113189.D
 Acq: 21 Mar 2019 00:56

Tgt Ion: 164 Resp: 213167
 Ion Ratio Lower Upper
 164 100
 162 101.7 80.8 121.2
 160 44.7 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 31.082 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

Instrument :

BNA_F

ClientSampleId :

UNCOVERED-FOUNDATION

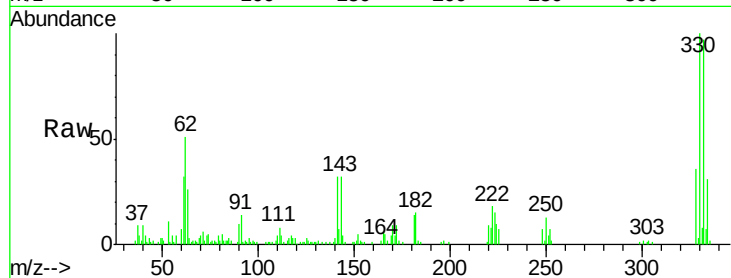
Tgt Ion:330 Resp: 70339

Ion Ratio Lower Upper

330 100

332 97.5 76.3 114.5

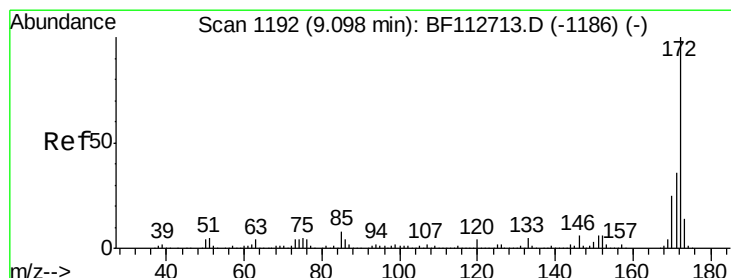
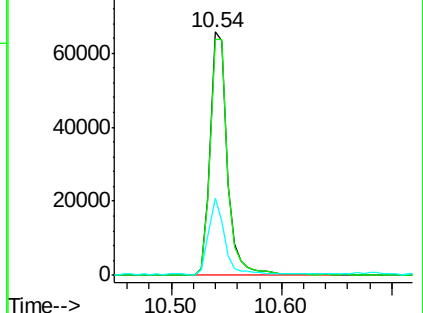
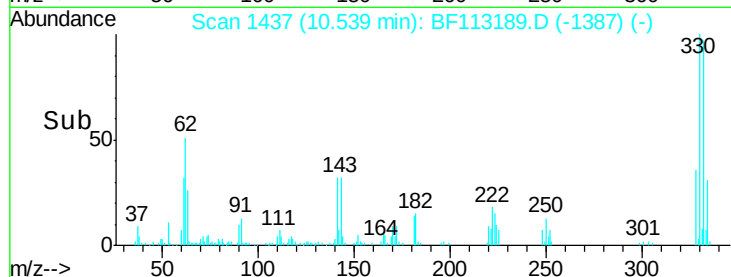
141 29.9 22.3 33.5



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



#45

2-Fluorobiphenyl

Concen: 80.075 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

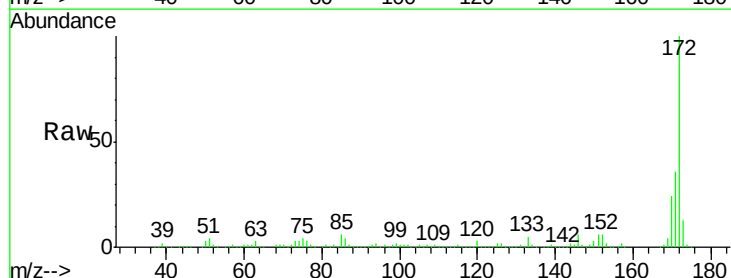
Tgt Ion:172 Resp: 1046150

Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.4

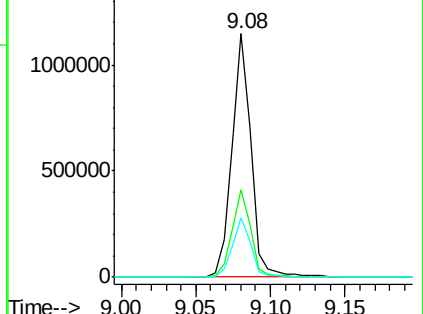
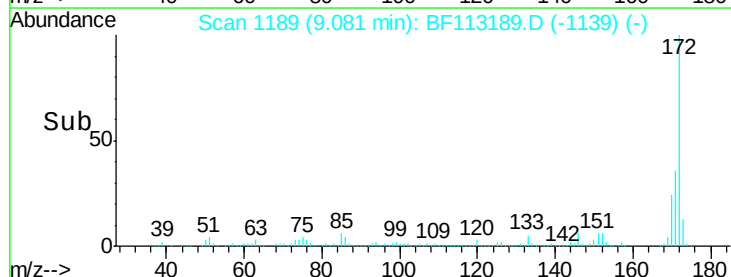
170 24.1 20.1 30.1

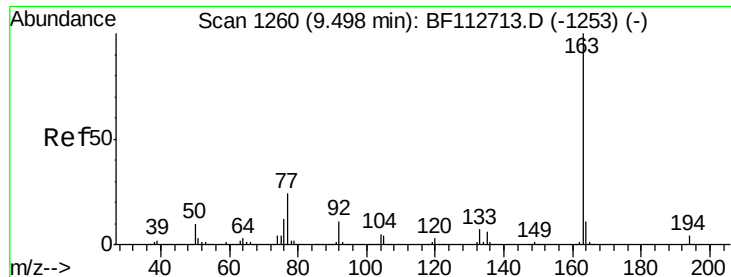


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

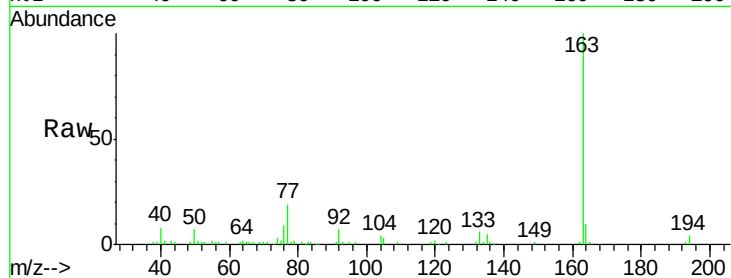




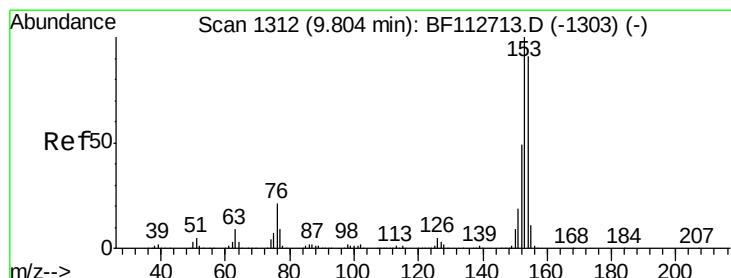
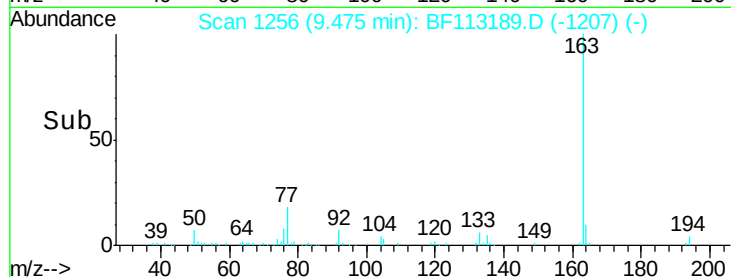
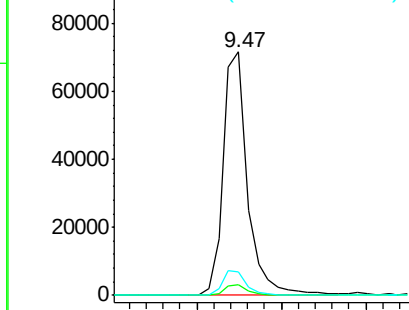
#50
Dimethylphthalate
Concen: 4.588 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

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Tgt Ion:163 Resp: 72118
Ion Ratio Lower Upper
163 100
194 4.4 3.3 4.9
164 9.9 8.6 12.8

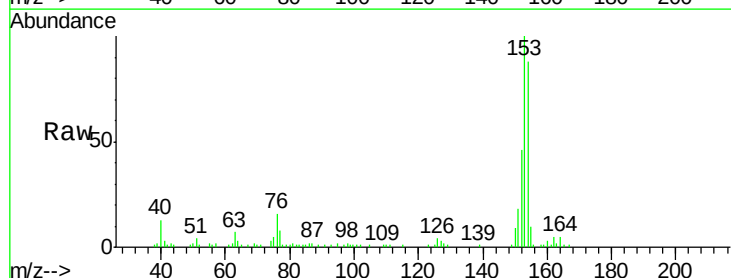


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

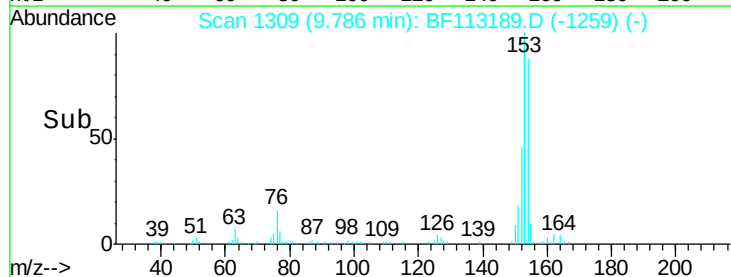
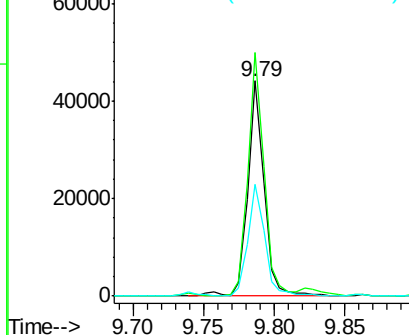


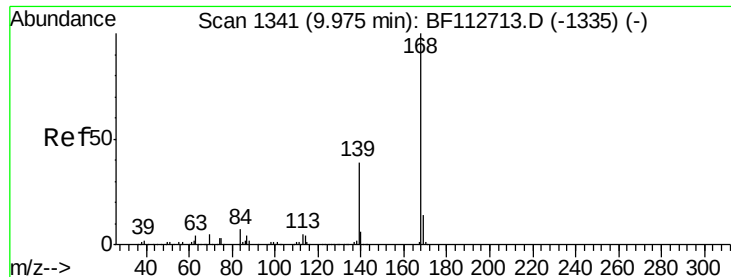
#52
Acenaphthene
Concen: 2.664 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Tgt Ion:154 Resp: 35909
Ion Ratio Lower Upper
154 100
153 113.2 89.9 134.9
152 51.8 43.4 65.2



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

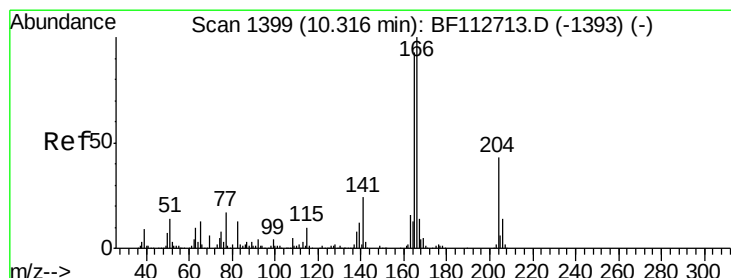
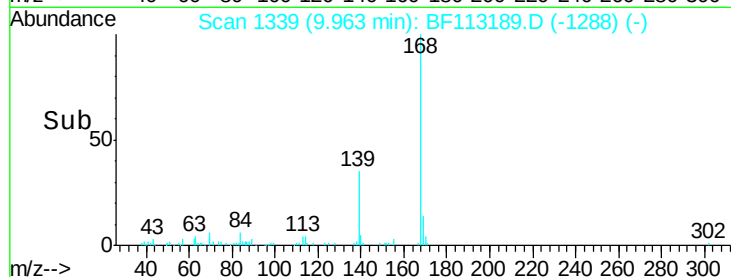
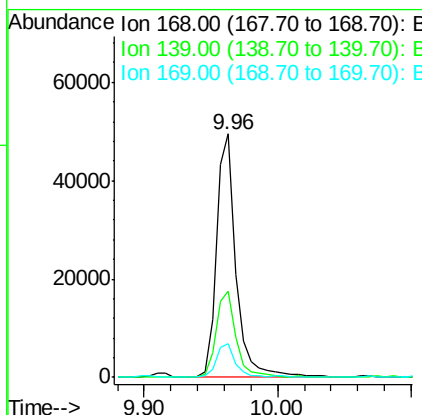
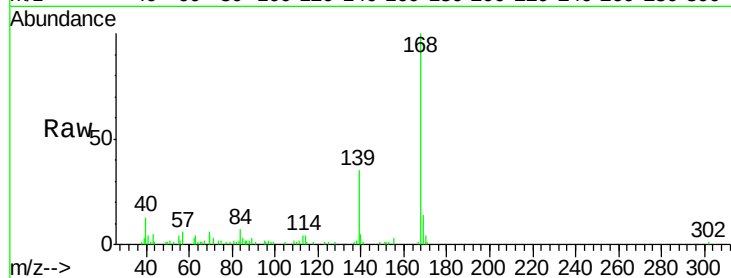




#55
Dibenzenofuran
Concen: 2.604 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

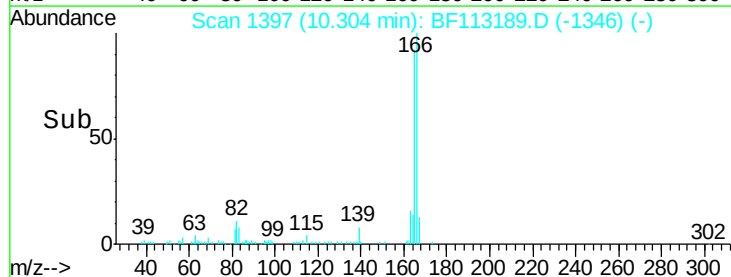
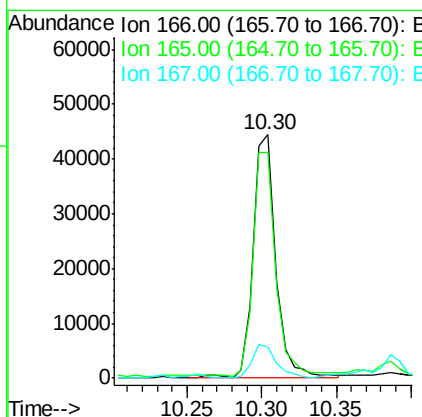
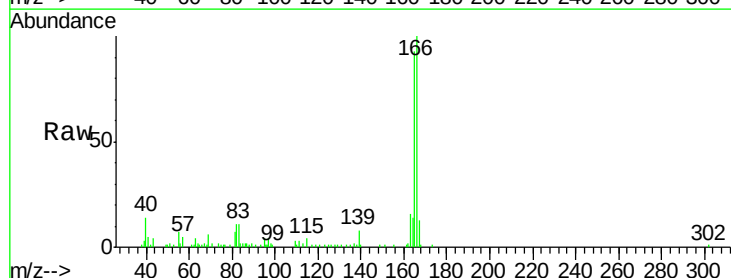
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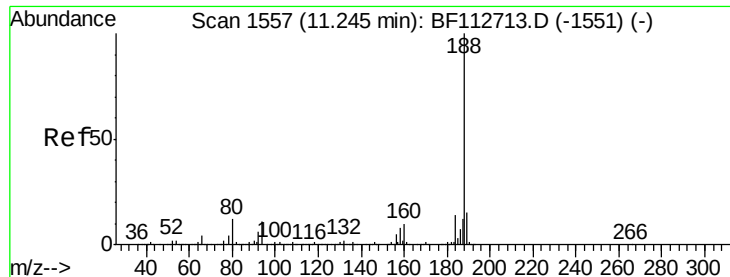
Tgt Ion:168 Resp: 51018
Ion Ratio Lower Upper
168 100
139 35.3 30.7 46.1
169 13.9 11.0 16.6



#58
Fluorene
Concen: 3.332 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Tgt Ion:166 Resp: 46329
Ion Ratio Lower Upper
166 100
165 92.7 75.4 113.2
167 12.9 11.0 16.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.00 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

Instrument :

BNA_F

ClientSampleId :

UNCOVERED-FOUNDATION

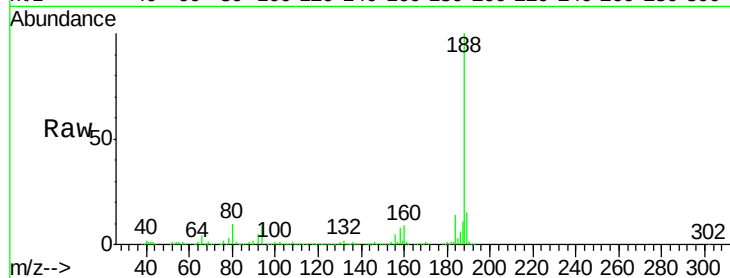
Tgt Ion:188 Resp: 400159

Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.2

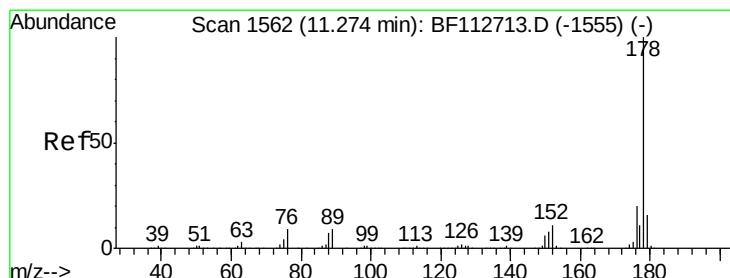
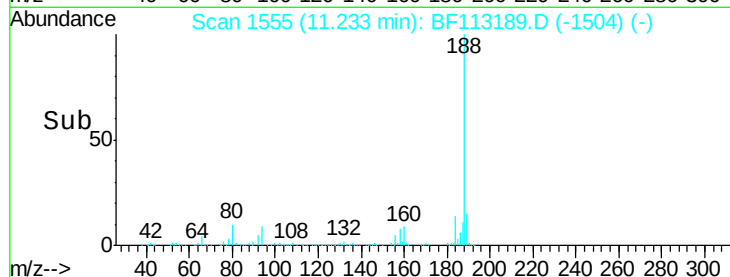
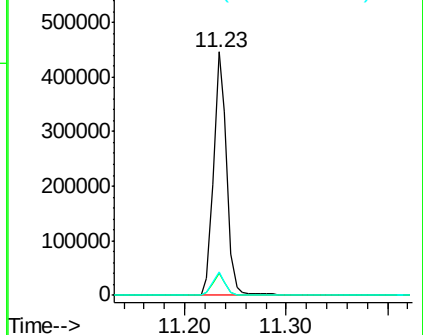
80 9.7 7.9 11.9



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



#71

Phenanthrene

Concen: 14.650 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

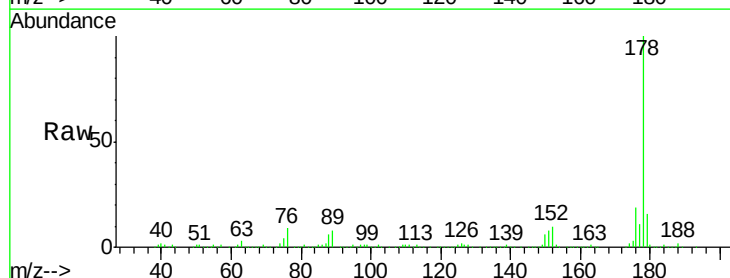
Tgt Ion:178 Resp: 291668

Ion Ratio Lower Upper

178 100

176 18.8 16.2 24.4

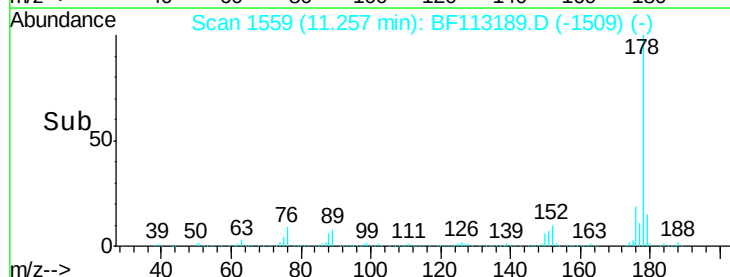
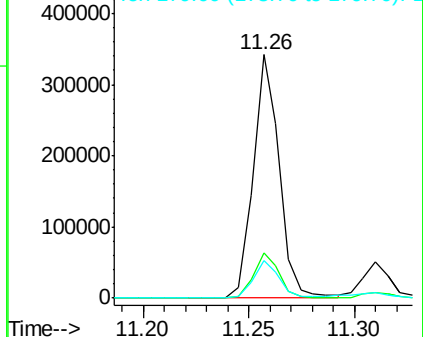
179 15.5 13.0 19.4

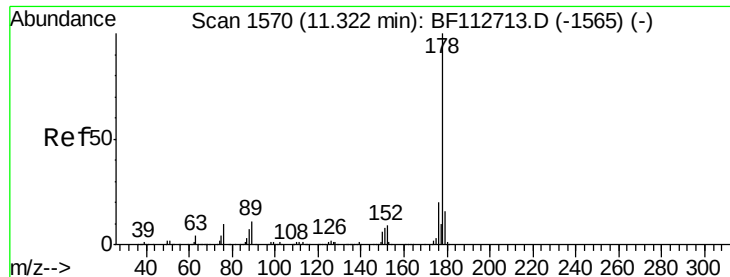


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 2.007 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

Instrument :

BNA_F

ClientSampleId :

UNCOVERED-FOUNDATION

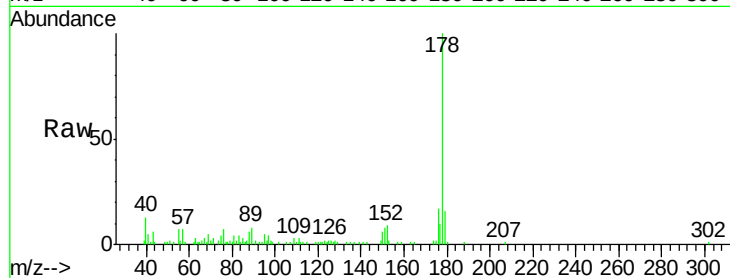
Tgt Ion:178 Resp: 41832

Ion Ratio Lower Upper

178 100

176 16.5 15.7 23.5

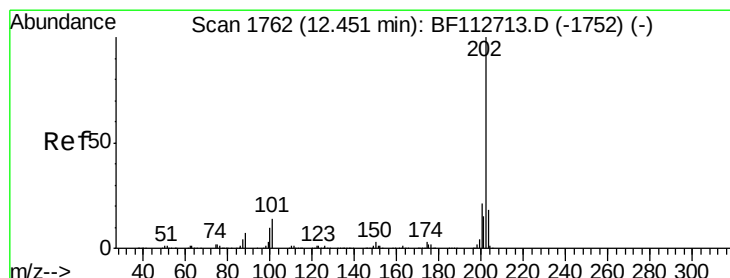
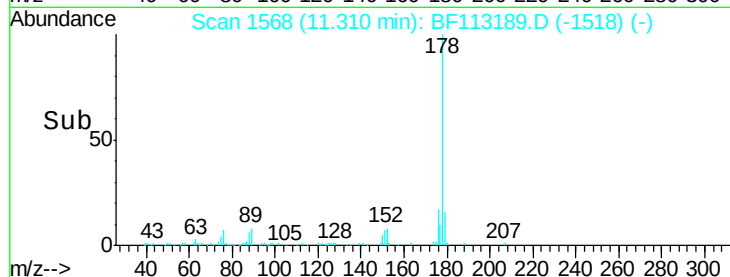
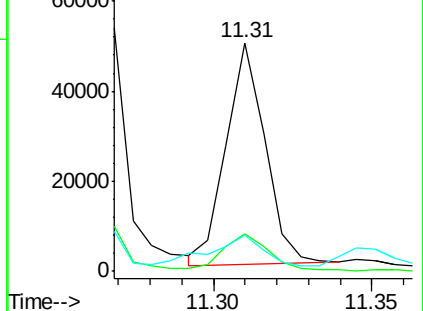
179 15.8 12.4 18.6



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



#75

Fluoranthene

Concen: 13.603 ng

RT: 12.45 min Scan# 1761

Delta R.T. -0.00 min

Lab File: BF113189.D

Acq: 21 Mar 2019 00:56

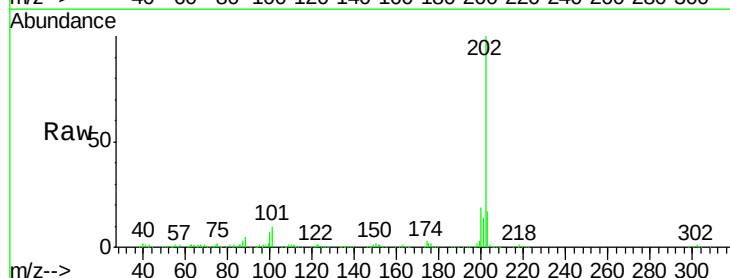
Tgt Ion:202 Resp: 290157

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.9

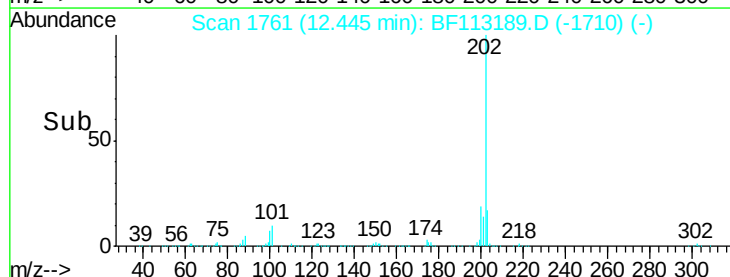
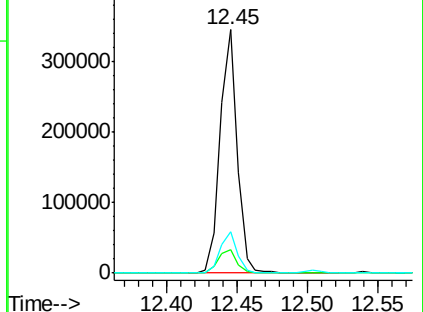
203 17.1 0.0 38.4

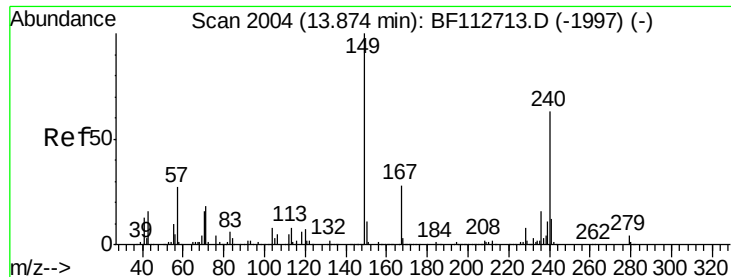


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

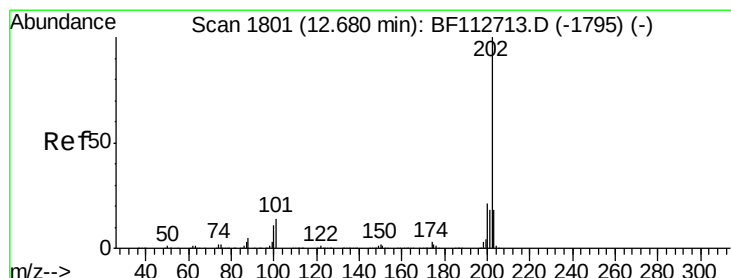
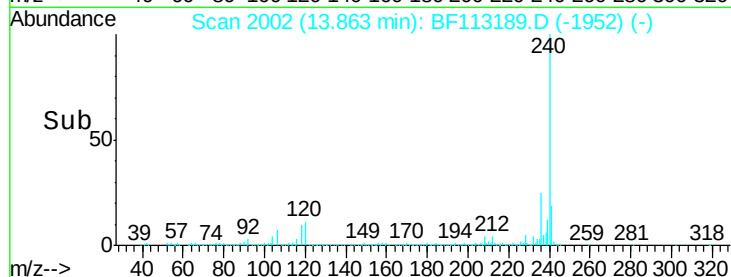
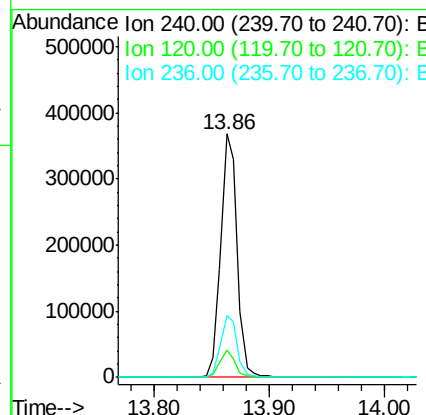
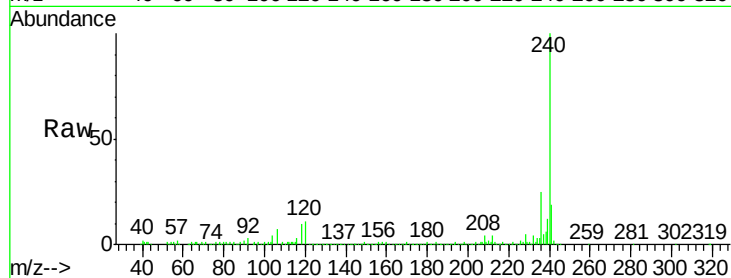




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

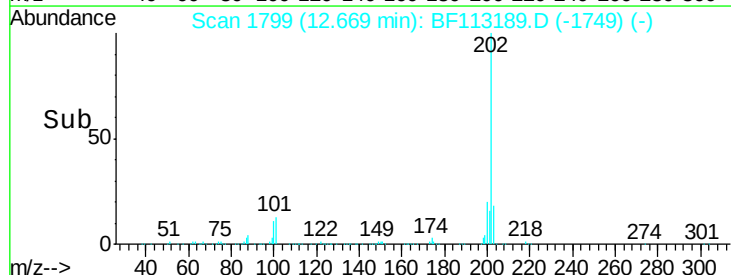
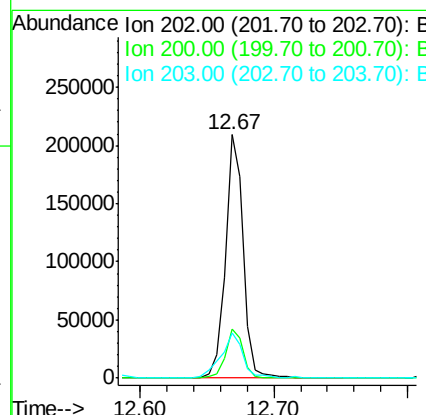
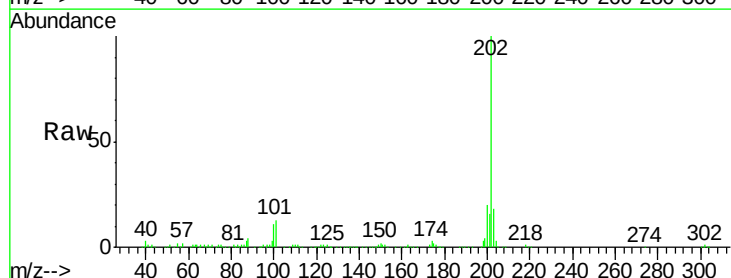
Instrument :
BNA_F
ClientSampleId :
UNCOVERED-FOUNDATION

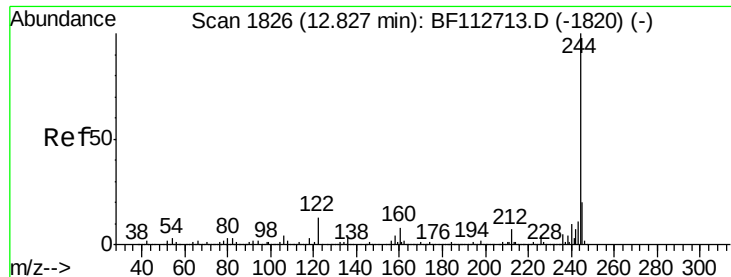
Tgt Ion:240 Resp: 361846
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.4 21.2 31.8



#78
Pyrene
Concen: 6.460 ng
RT: 12.67 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Tgt Ion:202 Resp: 197063
Ion Ratio Lower Upper
202 100
200 20.3 17.1 25.7
203 18.5 14.6 21.8

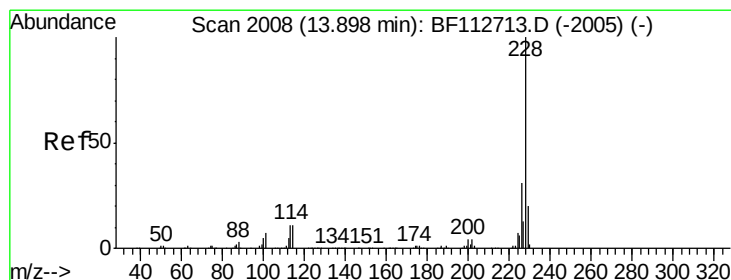
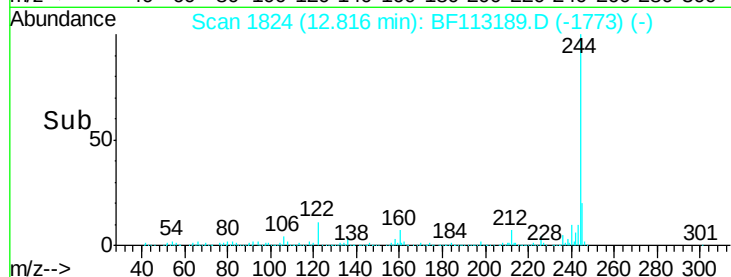
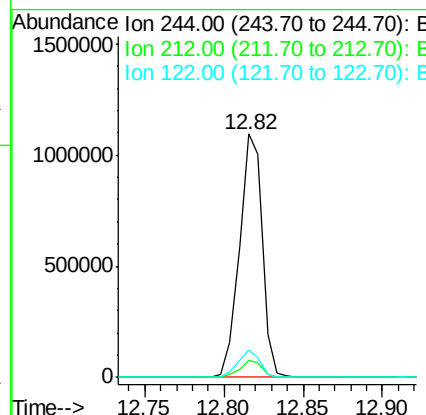
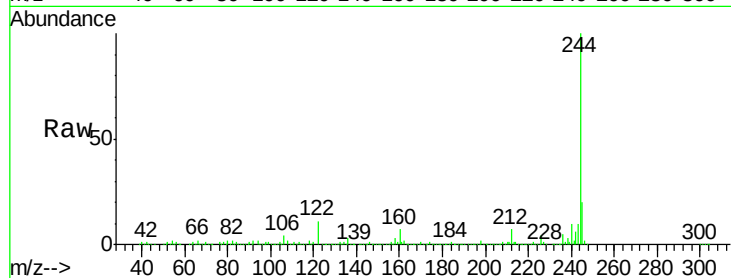




#79
 Terphenyl-d14
 Concen: 58.552 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BF113189.D
 Acq: 21 Mar 2019 00:56

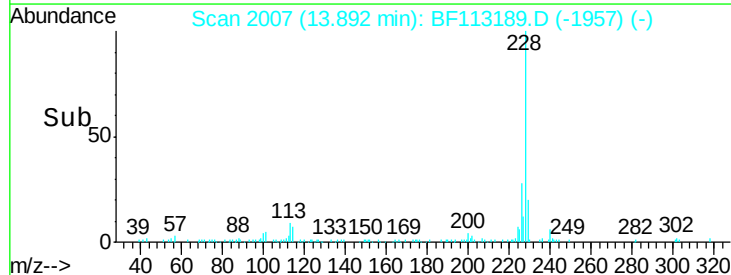
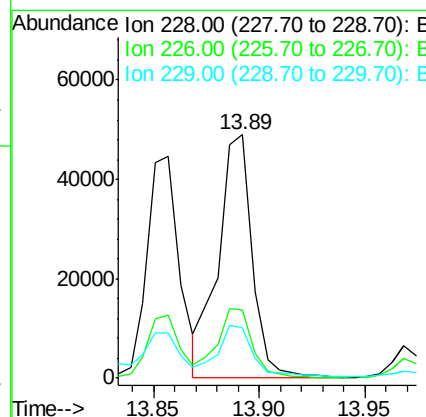
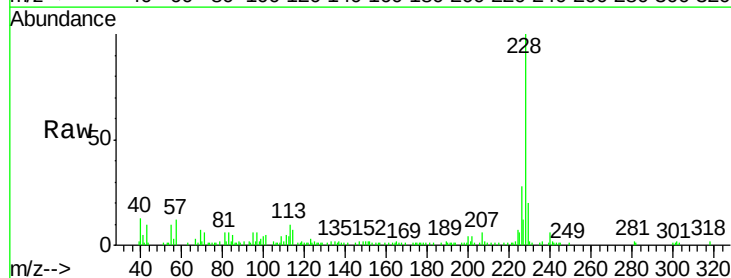
Instrument :
 BNA_F
 ClientSampleId :
 UNCOVERED-FOUNDATION

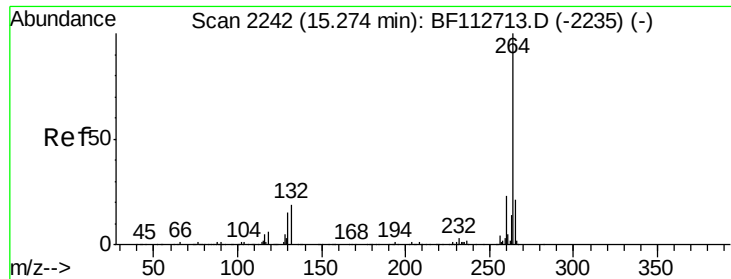
Tgt Ion:244 Resp: 1092952
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 11.4 9.4 14.2



#83
 Chrysene
 Concen: 2.245 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF113189.D
 Acq: 21 Mar 2019 00:56

Tgt Ion:228 Resp: 55153
 Ion Ratio Lower Upper
 228 100
 226 28.1 24.6 36.8
 229 20.4 16.2 24.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF113189.D
Acq: 21 Mar 2019 00:56

Instrument :
BNA_F
ClientSampleId :
UNCOVERED-FOUNDATION

Tgt Ion: 264 Resp: 275011

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.8	17.7	26.5

