

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
 Data File : BF118673.D
 Acq On : 22 Jan 2020 20:16
 Operator : CG/JU
 Sample : L1213-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jan 23 07:19:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 20 14:45:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	366117	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	1371093	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	725924	20.00	ng	-0.01
64) Phenanthrene-d10	11.40	188	1164988	20.00	ng	-0.01
76) Chrysene-d12	14.04	240	842851	20.00	ng	0.00
87) Perylene-d12	15.51	264	1046359	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.50	112	2013338	102.13	ng	0.00
7) Phenol-d6	6.50	99	2529314	98.72	ng	0.00
23) Nitrobenzene-d5	7.43	82	1633814	66.65	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	743406	88.54	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2830933	64.10	ng	0.00
79) Terphenyl-d14	12.99	244	2465554	63.80	ng	0.00

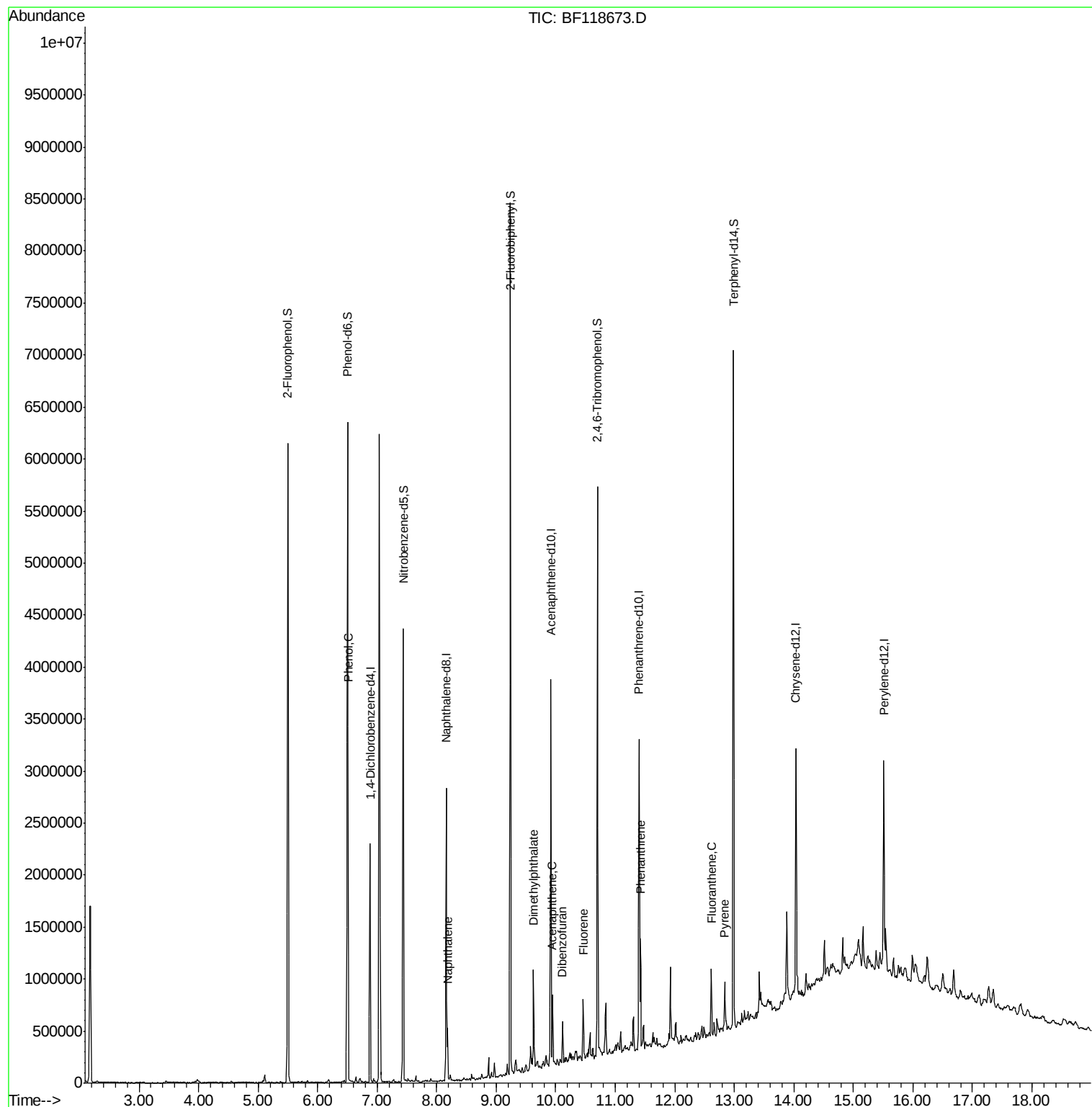
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	185032	6.337	ng	94
31) Naphthalene	8.18	128	195567	3.158	ng	95
50) Dimethylphthalate	9.63	163	343923	7.272	ng	97
52) Acenaphthene	9.95	154	145432	3.666	ng	99
55) Dibenzofuran	10.12	168	126924	2.309	ng	95
58) Fluorene	10.46	166	143470	3.324	ng	99
71) Phenanthrene	11.42	178	375053	6.673	ng	94
75) Fluoranthene	12.62	202	250395	4.224	ng	93
78) Pyrene	12.84	202	192474	3.364	ng	93

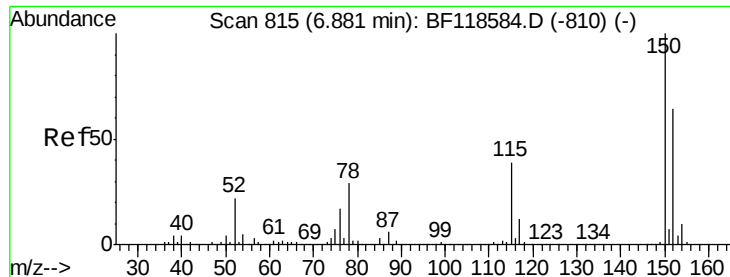
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118673.D
Acq On : 22 Jan 2020 20:16
Operator : CG/JU
Sample : L1213-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Jan 23 07:19:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 20 14:45:03 2020
Response via : Initial Calibration



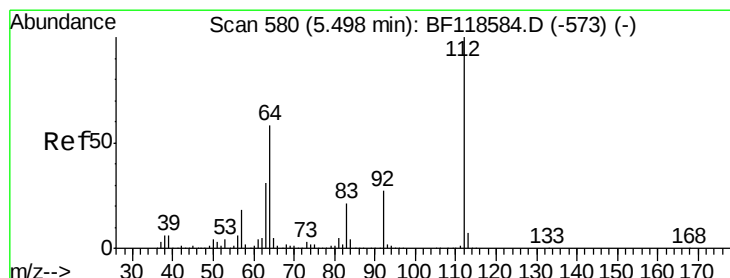
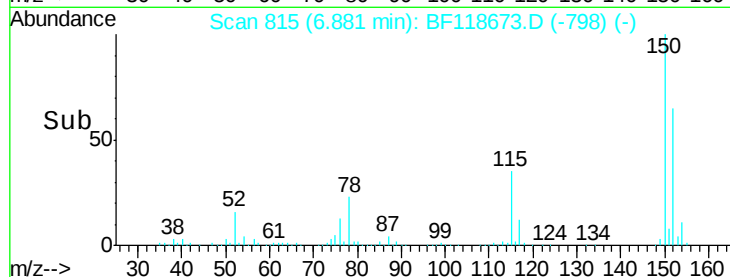
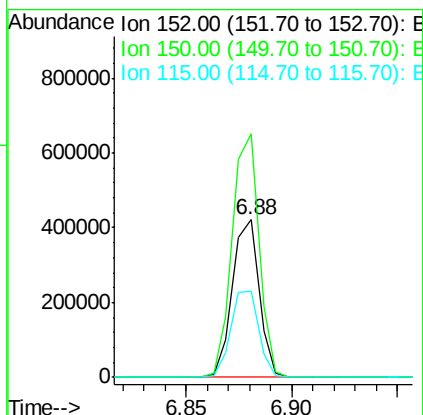
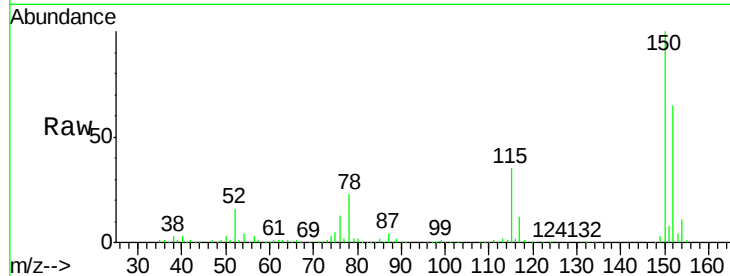


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Instrument :
BNA_F
ClientSampled :
TP-1

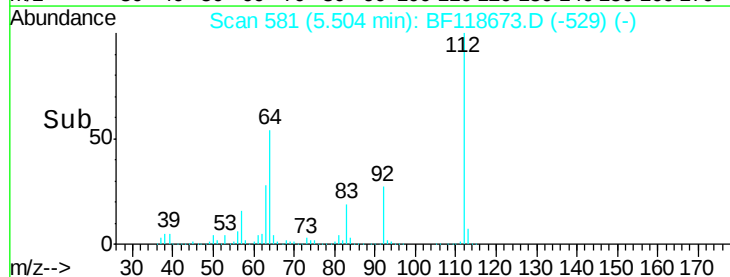
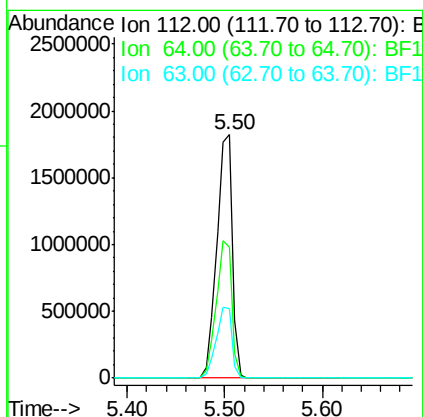
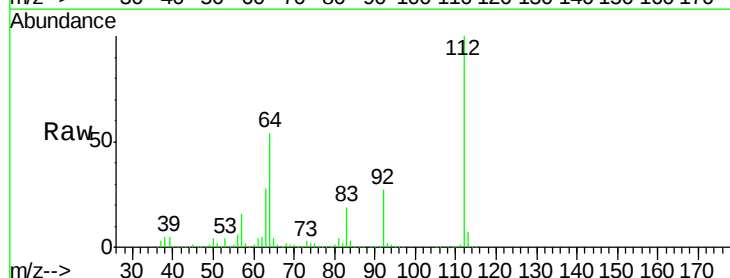
Tot Ion:152 Resp: 366117
Ion Ratio Lower Upper
152 100
150 154.7 125.6 188.4
115 54.9 48.4 72.6



#5

2-Fluorophenol
Concen: 102.133 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion:112 Resp: 2013338
Ion Ratio Lower Upper
112 100
64 53.9 46.6 70.0
63 28.4 25.1 37.7





#7

Phenol-d6

Concen: 98.718 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-1

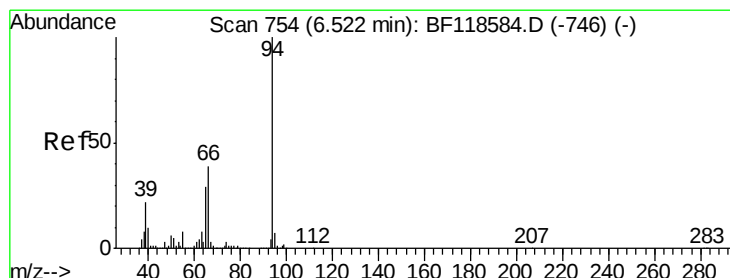
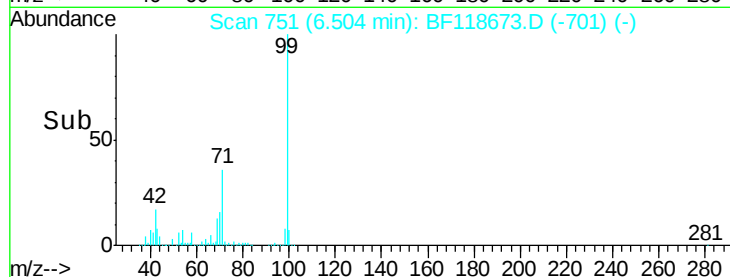
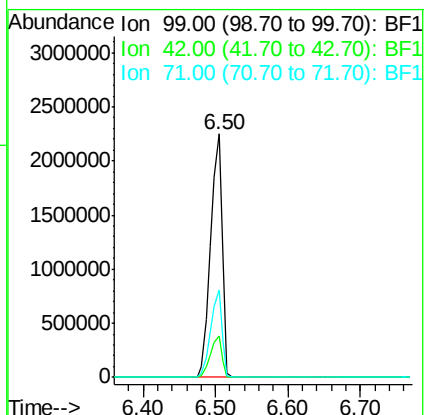
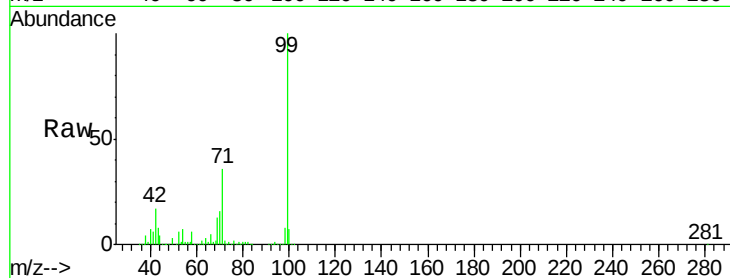
Tot Ion: 99 Resp: 2529314

Ion Ratio Lower Upper

99 100

42 17.2 14.2 21.2

71 35.8 27.8 41.6



#10

Phenol

Concen: 6.337 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

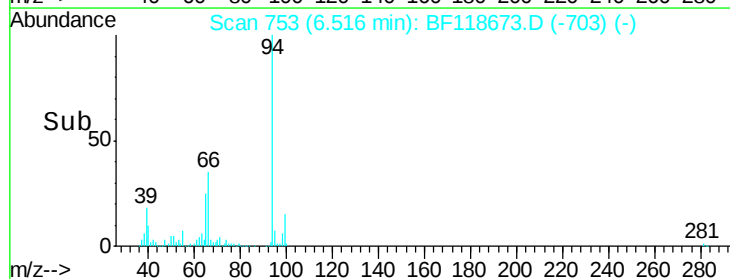
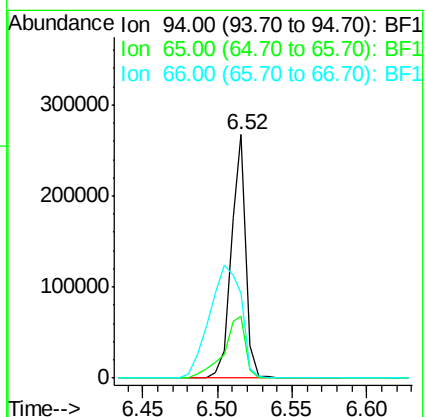
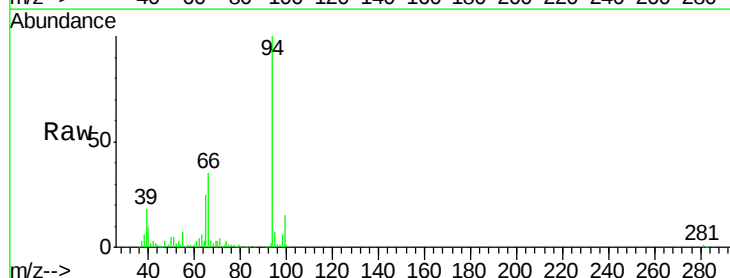
Tgt Ion: 94 Resp: 185032

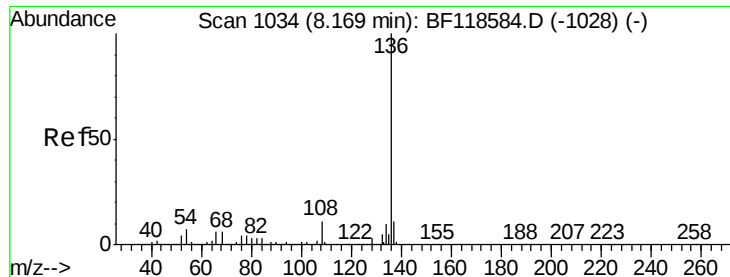
Ion Ratio Lower Upper

94 100

65 25.4 9.5 49.5

66 35.1 18.5 58.5

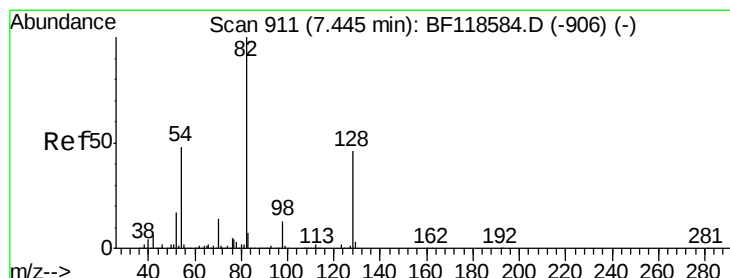
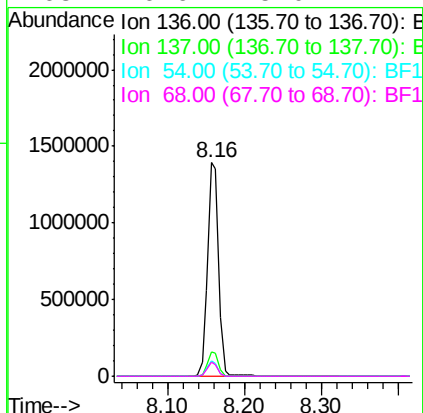
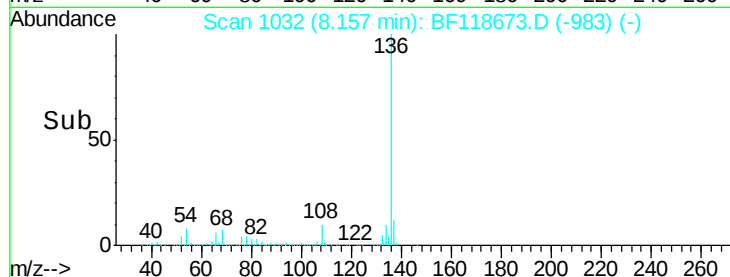
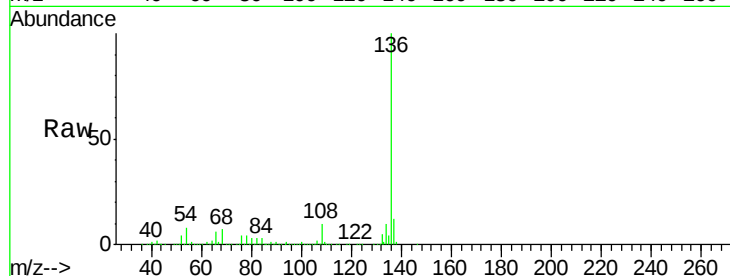




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

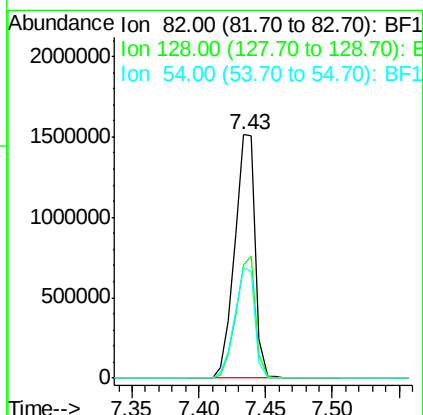
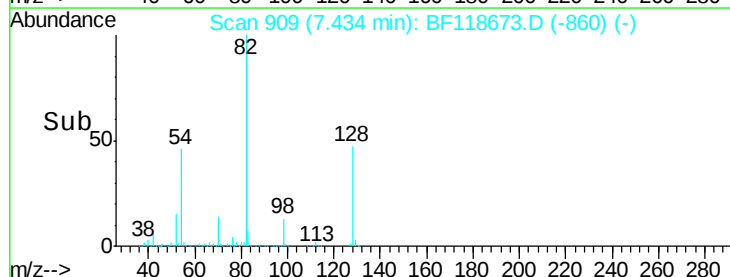
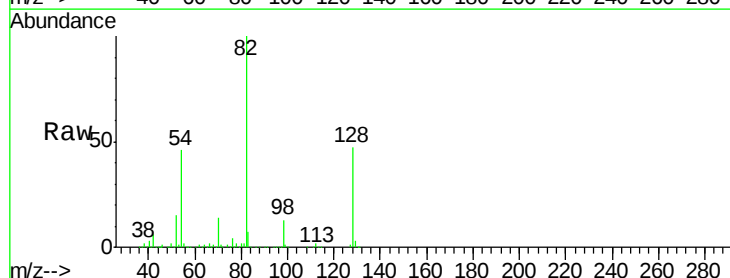
Instrument :
BNA_F
ClientSampleId :
TP-1

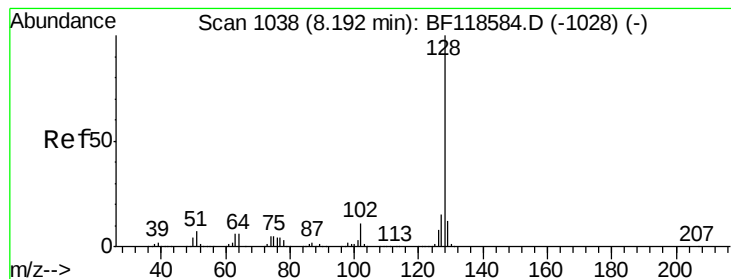
Tot Ion:136	Resp: 1371093
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 7.5	5.8 8.6
68 6.6	5.0 7.4



#23
Nitrobenzene-d5
Concen: 66.652 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion: 82	Resp: 1633814
Ion Ratio	Lower Upper
82 100	
128 46.7	36.6 54.8
54 45.6	38.0 57.0





#31

Naphthalene

Concen: 3.158 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-1

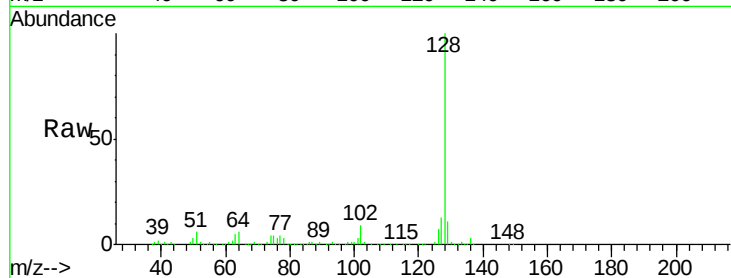
Tot Ion:128 Resp: 195567

Ion Ratio Lower Upper

128 100

129 10.9 9.9 14.9

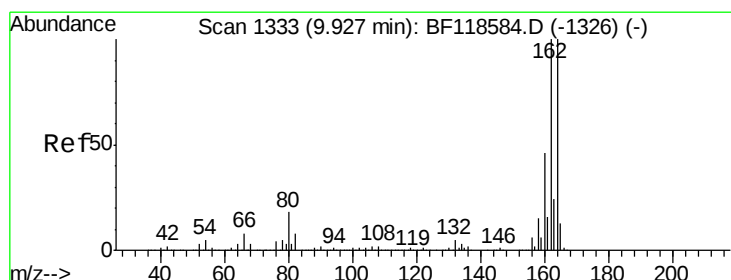
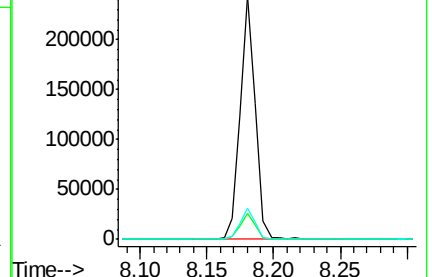
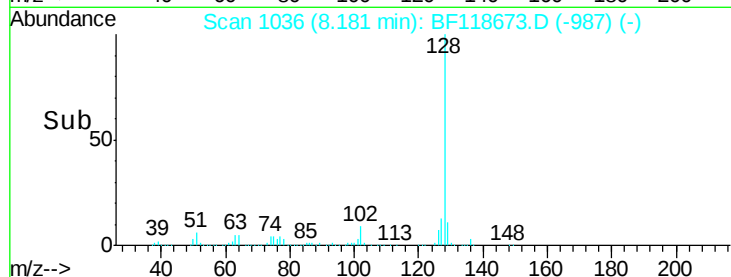
127 12.8 12.0 18.0



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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

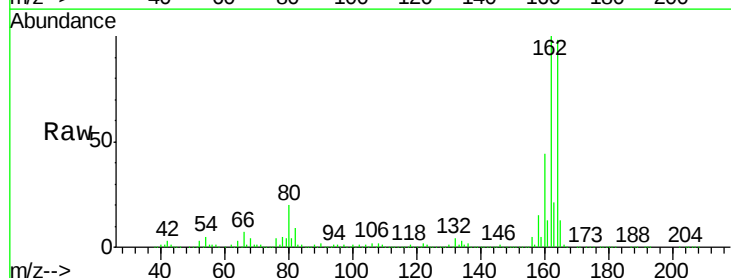
Tgt Ion:164 Resp: 725924

Ion Ratio Lower Upper

164 100

162 101.8 80.4 120.6

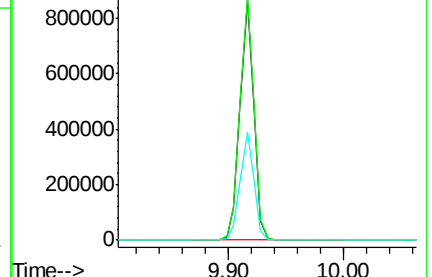
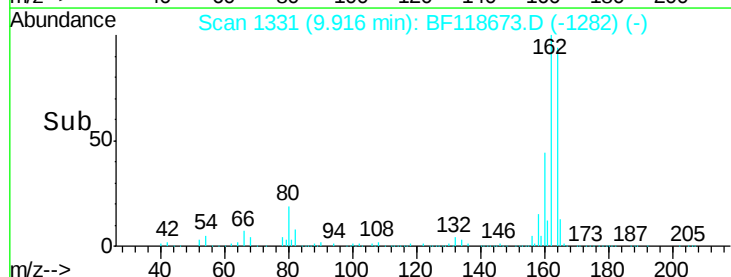
160 44.9 36.6 55.0

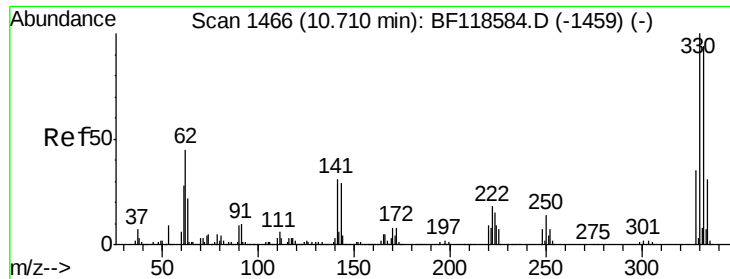


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

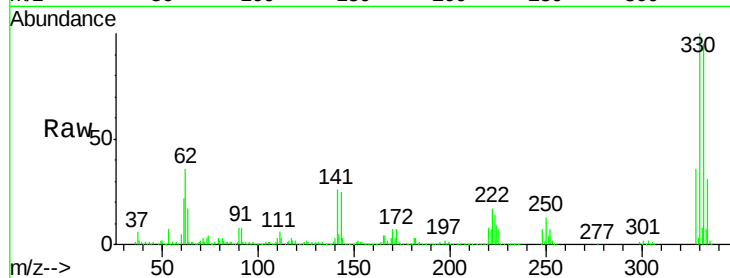




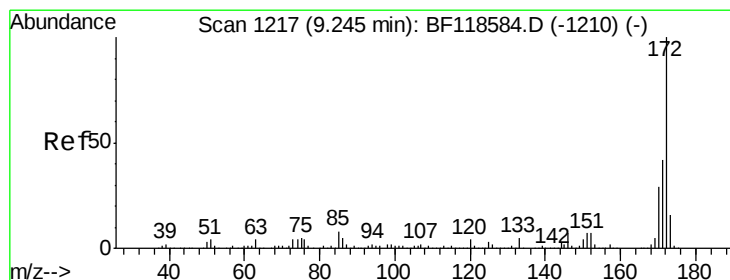
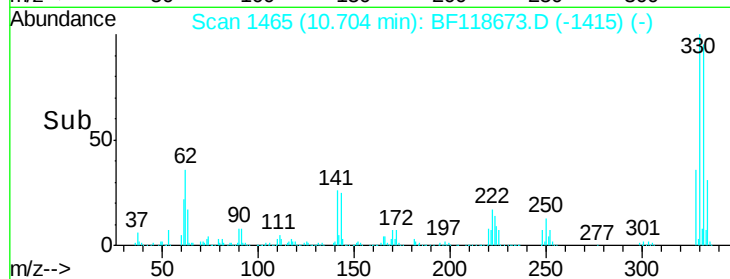
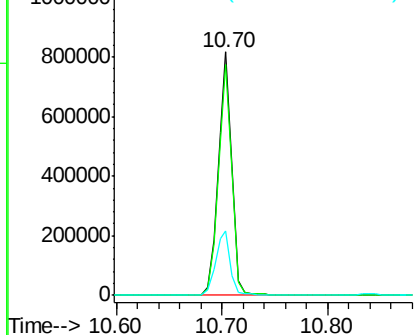
#42
 2,4,6-Tribromophenol
 Concen: 88.540 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.01 min
 Lab File: BF118673.D
 Acq: 22 Jan 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:330 Resp: 743406
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 28.0 23.9 35.9

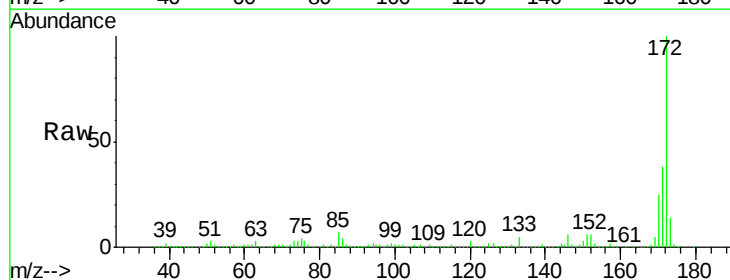


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

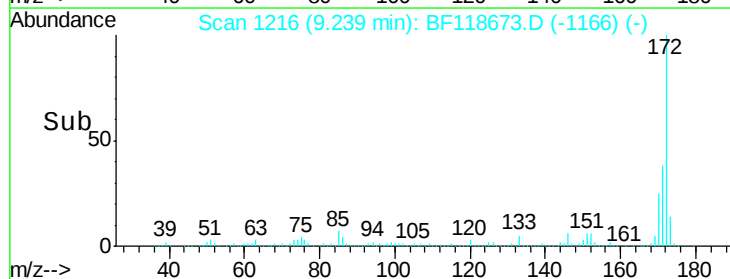
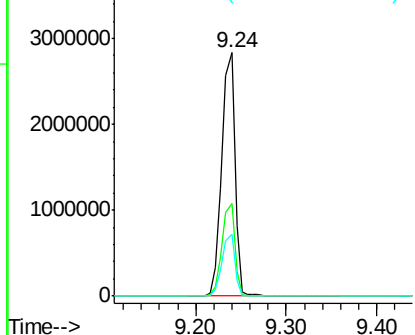


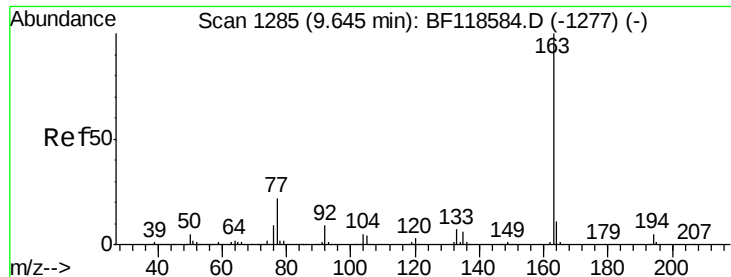
#45
 2-Fluorobiphenyl
 Concen: 64.097 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF118673.D
 Acq: 22 Jan 2020 20:16

Tgt Ion:172 Resp: 2830933
 Ion Ratio Lower Upper
 172 100
 171 37.9 33.4 50.2
 170 25.4 23.2 34.8



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

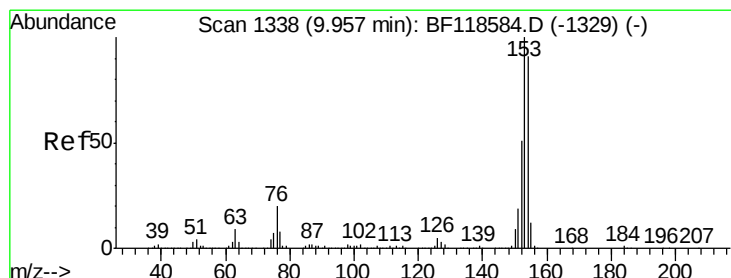
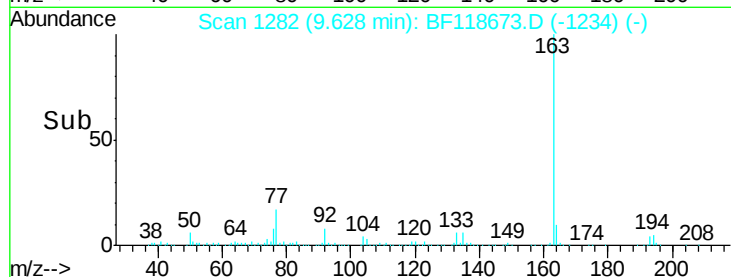
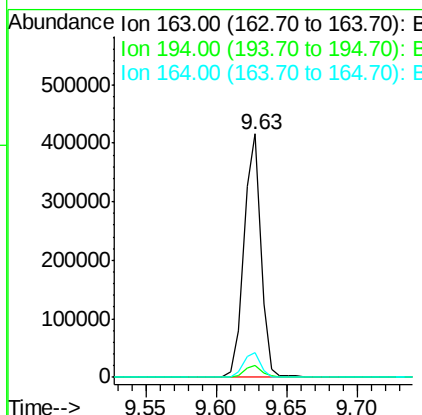
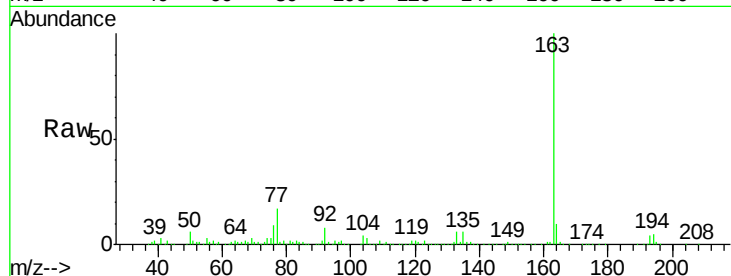




#50
Dimethylphthalate
Concen: 7.272 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

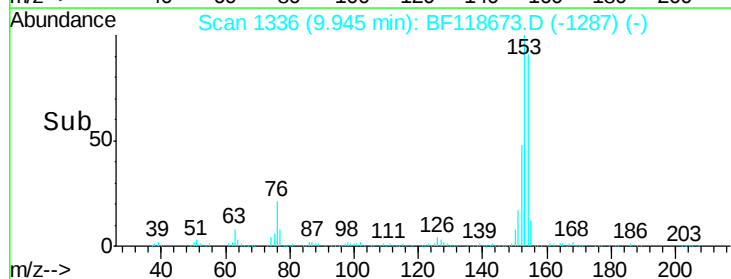
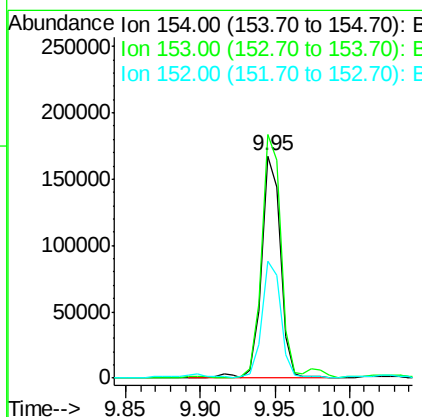
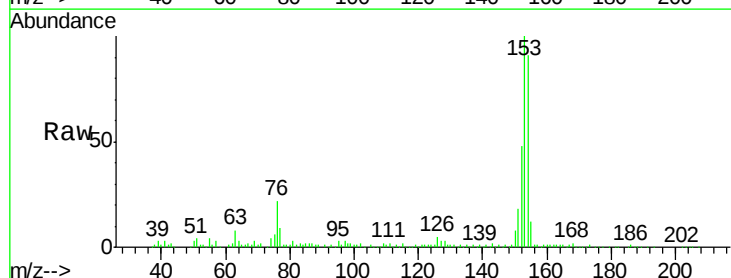
Instrument :
BNA_F
ClientSampled :
TP-1

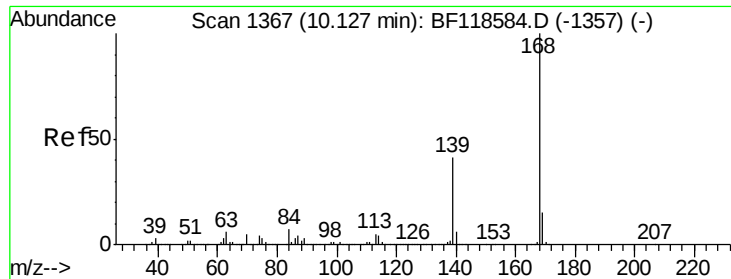
Tot Ion:163 Resp: 343923
Ion Ratio Lower Upper
163 100
194 5.1 3.9 5.9
164 10.0 9.1 13.7



#52
Acenaphthene
Concen: 3.666 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion:154 Resp: 145432
Ion Ratio Lower Upper
154 100
153 109.5 87.6 131.4
152 52.6 44.4 66.6

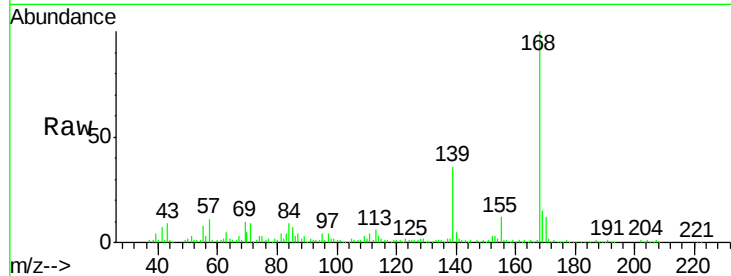




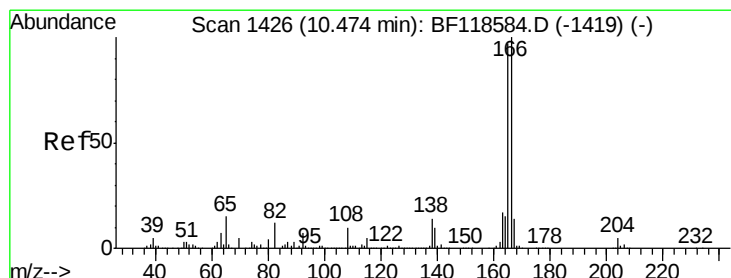
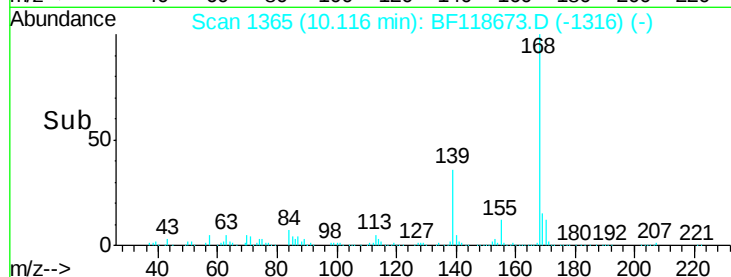
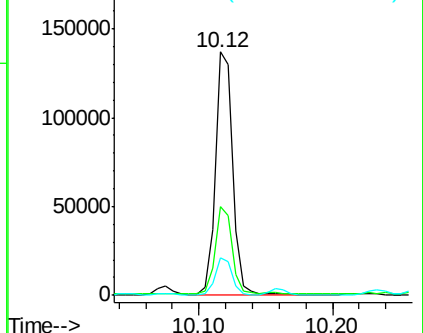
#55
Dibenzofuran
Concen: 2.309 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Instrument :
BNA_F
ClientSampleId :
TP-1

Tot Ion:168 Resp: 126924
Ion Ratio Lower Upper
168 100
139 36.3 32.7 49.1
169 15.3 12.2 18.2

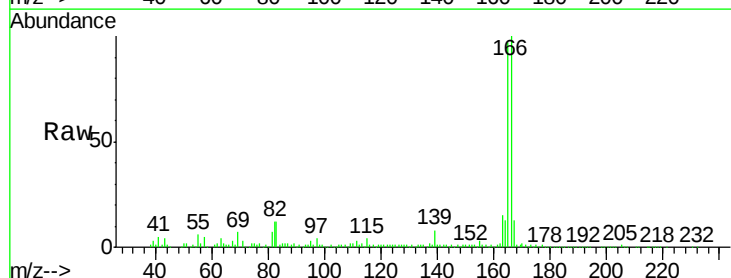


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

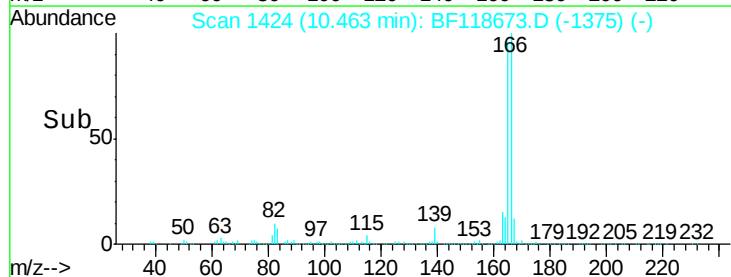
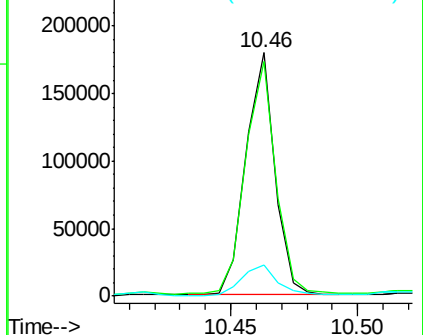


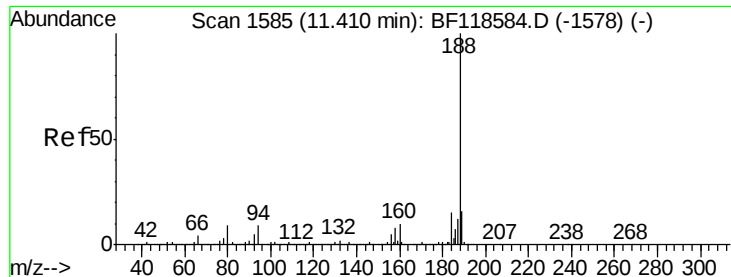
#58
Fluorene
Concen: 3.324 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion:166 Resp: 143470
Ion Ratio Lower Upper
166 100
165 96.6 77.3 115.9
167 12.8 11.5 17.3



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

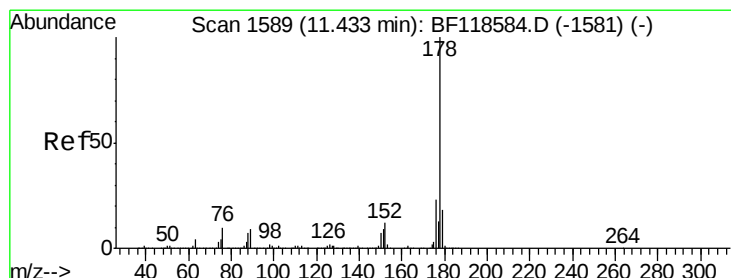
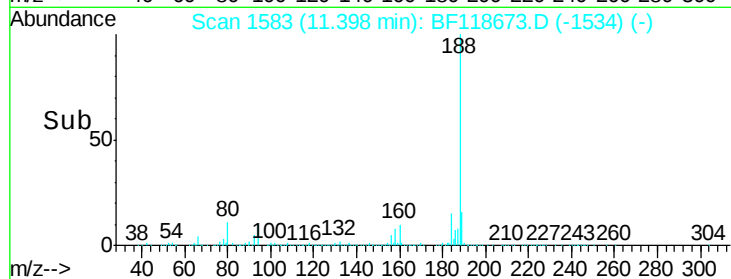
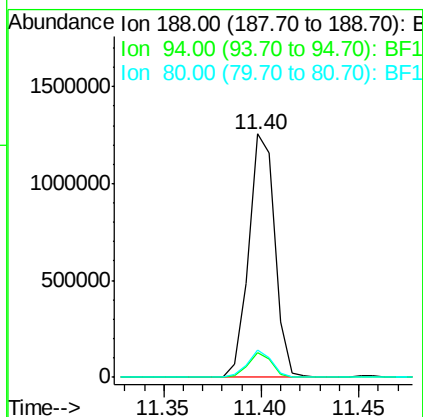
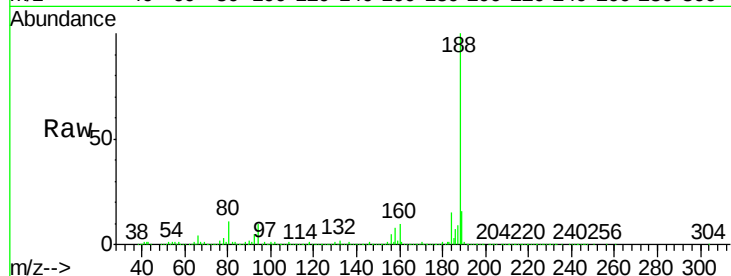




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

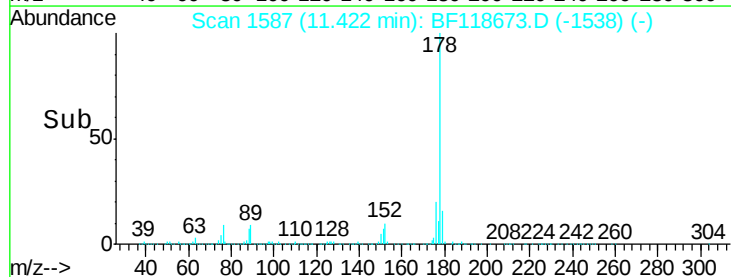
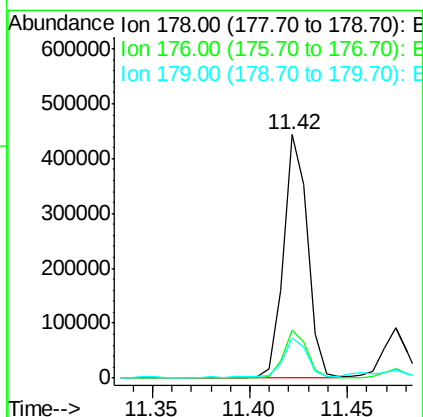
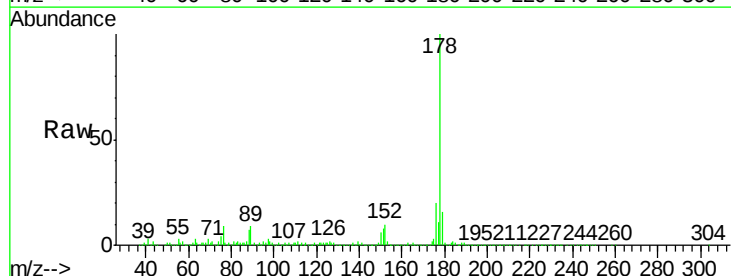
Instrument :
BNA_F
ClientSampleId :
TP-1

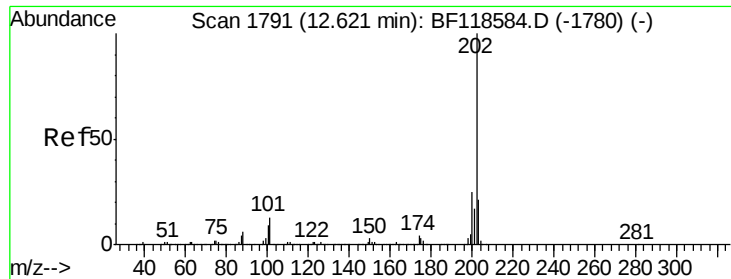
Tot Ion:188 Resp: 1164988
Ion Ratio Lower Upper
188 100
94 10.2 7.1 10.7
80 11.2 7.5 11.3



#71
Phenanthrene
Concen: 6.673 ng
RT: 11.42 min Scan# 1587
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion:178 Resp: 375053
Ion Ratio Lower Upper
178 100
176 19.6 18.6 27.8
179 16.5 14.7 22.1





#75

Fluoranthene

Concen: 4.224 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

Instrument :

BNA_F

ClientSampleId :

TP-1

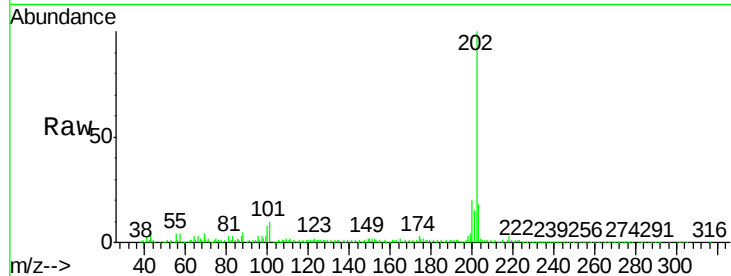
Tot Ion:202 Resp: 250395

Ion Ratio Lower Upper

202 100

101 9.9 0.0 32.5

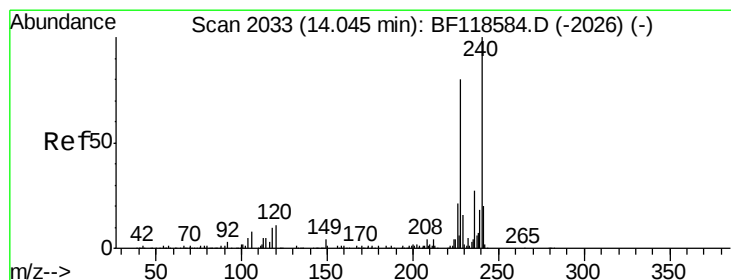
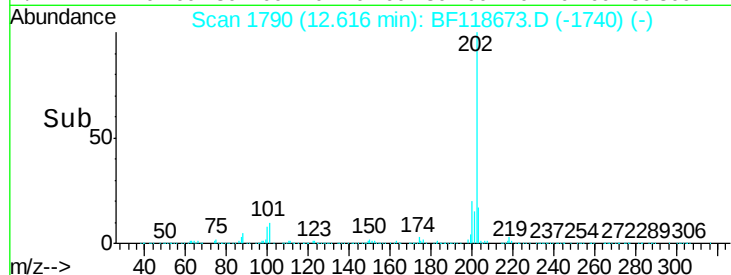
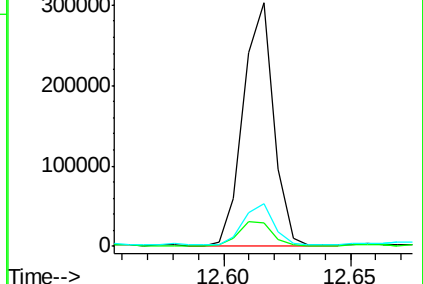
203 17.6 0.8 40.8



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: 14.04 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BF118673.D

Acq: 22 Jan 2020 20:16

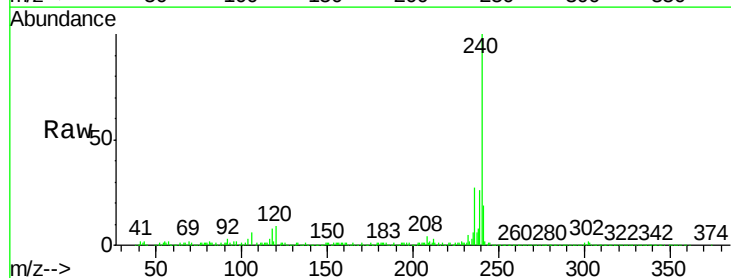
Tgt Ion:240 Resp: 842851

Ion Ratio Lower Upper

240 100

120 9.5 8.9 13.3

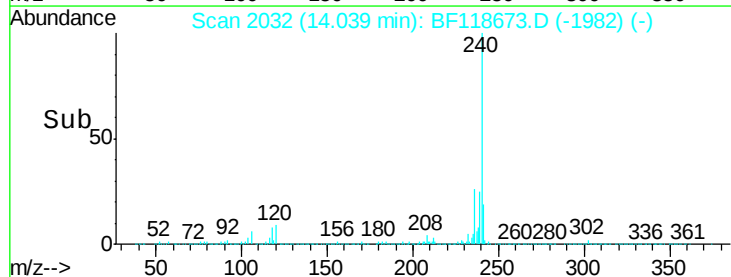
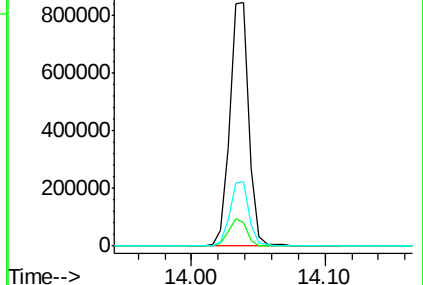
236 26.6 21.5 32.3

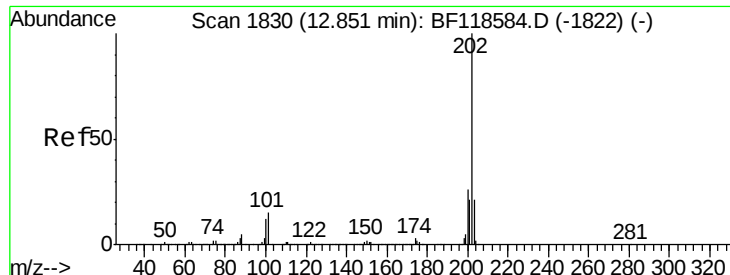


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

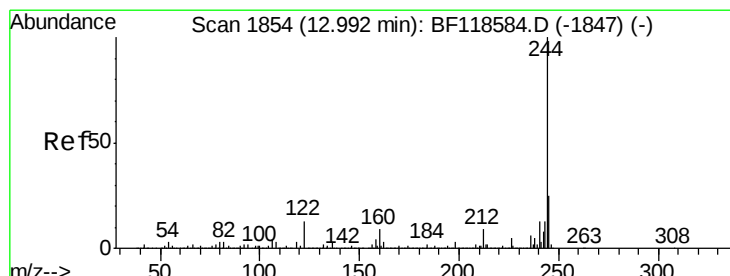
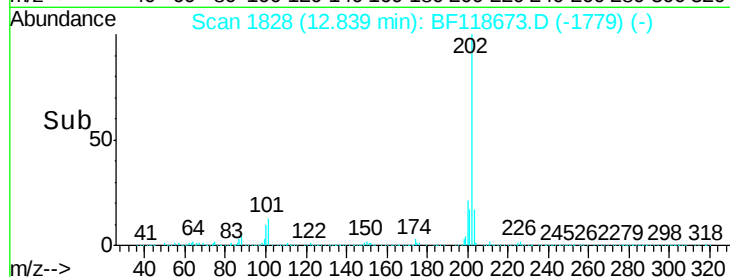
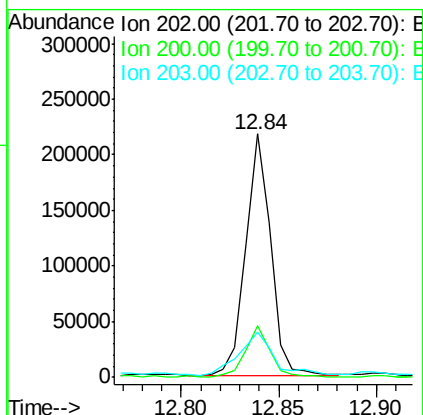
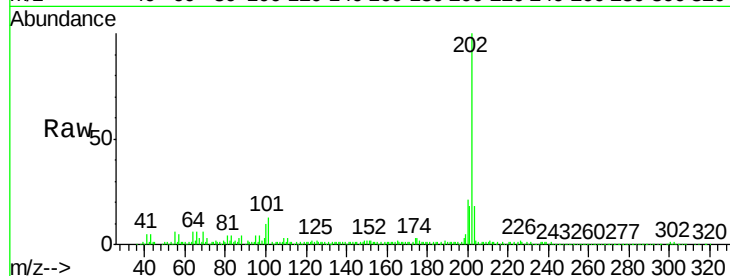




#78
Pvrene
Concen: 3.364 ng
RT: 12.84 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

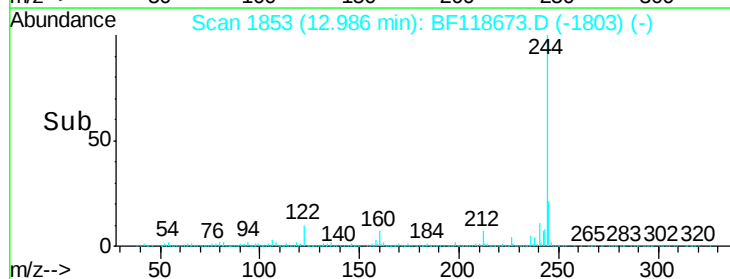
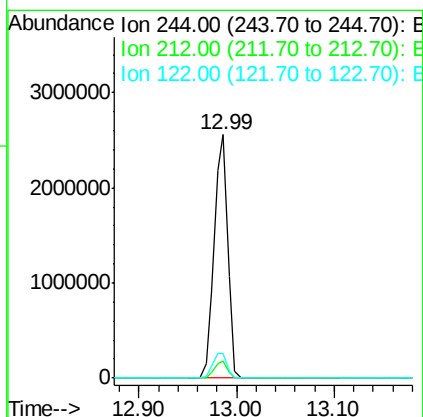
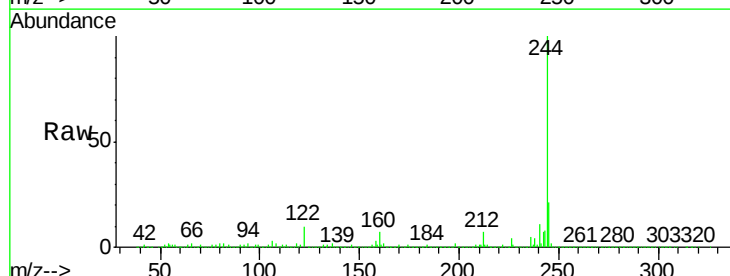
Instrument :
BNA_F
ClientSampled :
TP-1

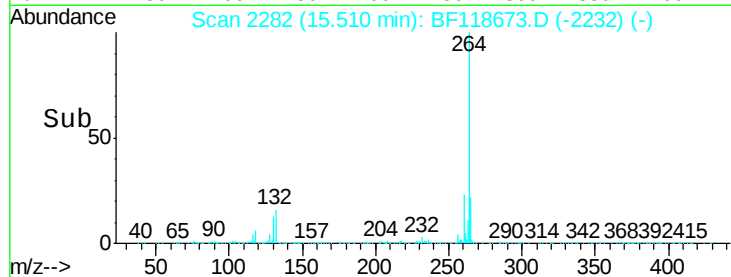
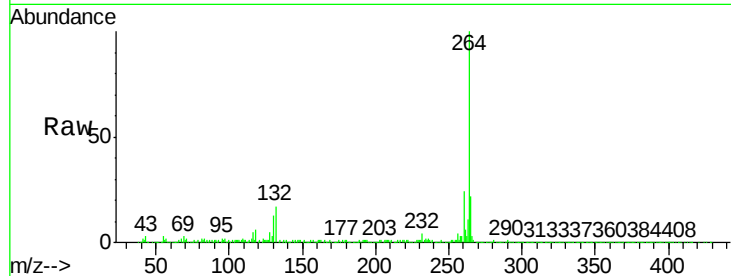
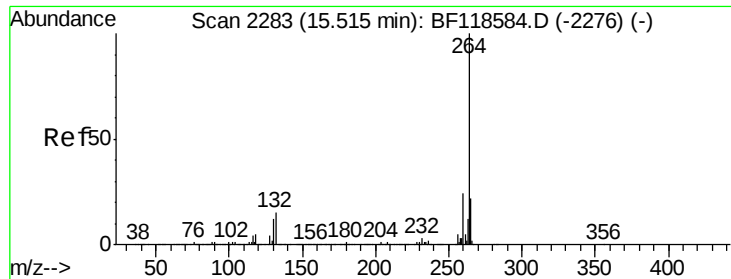
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.2	20.6	31.0
203	18.4	16.8	25.2



#79
Terphenyl-d14
Concen: 63.803 ng
RT: 12.99 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BF118673.D
Acq: 22 Jan 2020 20:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	7.0	10.4
122	10.3	10.7	16.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: BF118673.D
 Acq: 22 Jan 2020 20:16

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tot Ion:264 Resp: 1046359

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	22.3	17.7	26.5

