

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100920\
 Data File : BF121906.D
 Acq On : 9 Oct 2020 15:09
 Operator : JU/CG
 Sample : L4329-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Oct 09 16:18:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

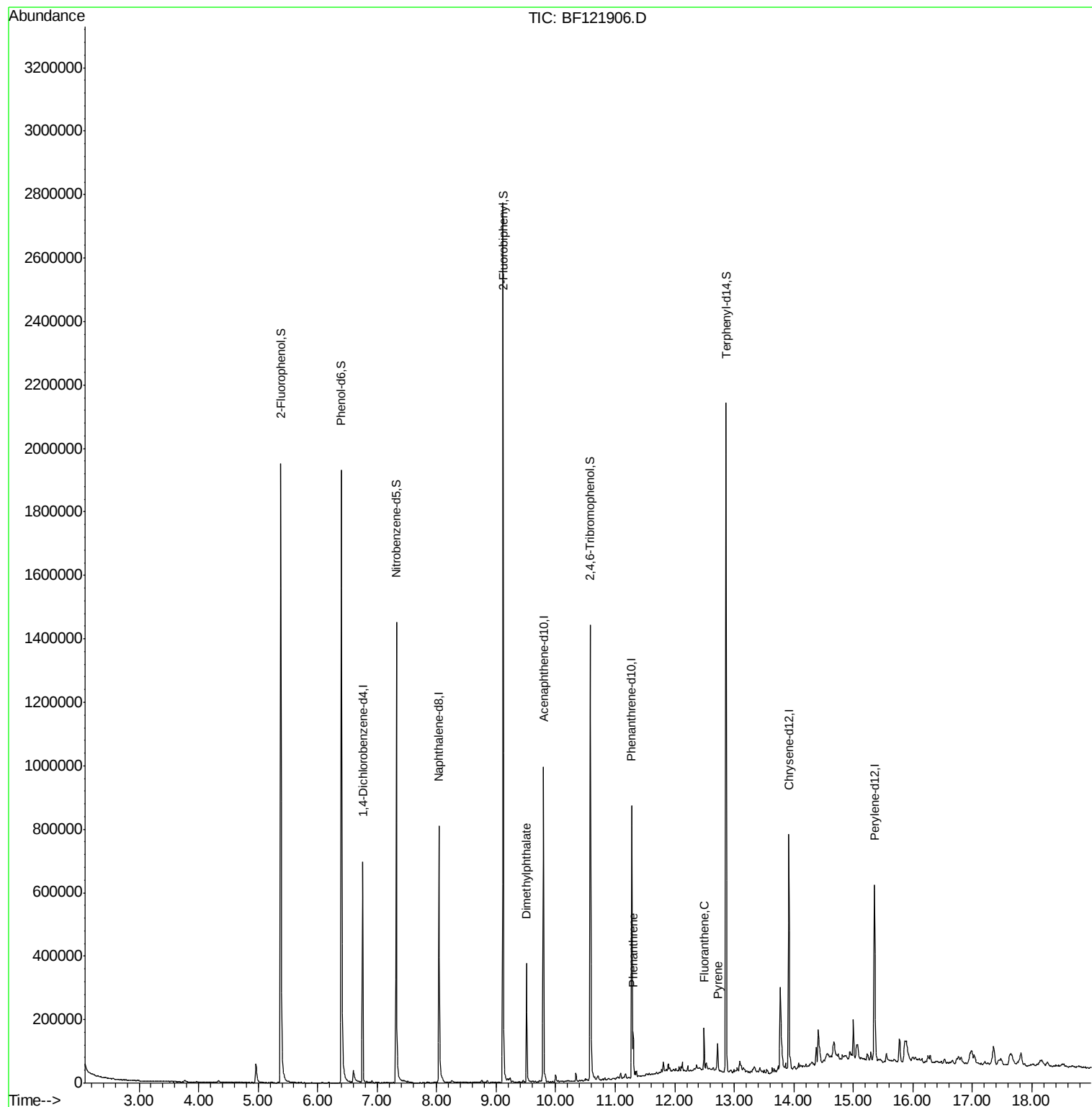
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	99959	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	390727	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	194406	20.00	ng	-0.02
64) Phenanthrene-d10	11.27	188	337033	20.00	ng	-0.02
76) Chrysene-d12	13.92	240	231850	20.00	ng	-0.02
86) Perylene-d12	15.36	264	241819	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	571044	84.90	ng	0.00
7) Phenol-d6	6.40	99	715843	81.12	ng	-0.02
23) Nitrobenzene-d5	7.32	82	487536	66.99	ng	-0.02
42) 2,4,6-Tribromophenol	10.58	330	196474	81.32	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	845675	65.88	ng	-0.02
79) Terphenyl-d14	12.86	244	671764	58.70	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.51	163	148741	10.556	ng	99
71) Phenanthrene	11.30	178	47927	2.610	ng	99
75) Fluoranthene	12.49	202	51080	2.606	ng	97
78) Pyrene	12.72	202	37995	2.243	ng	98

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

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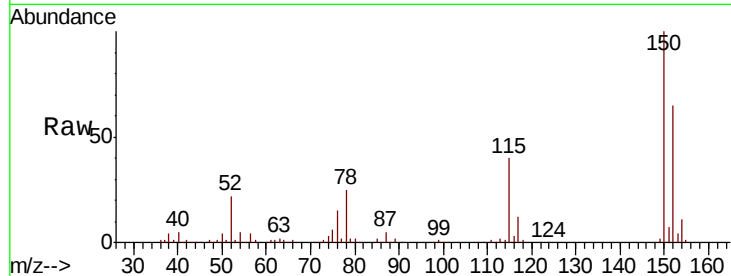


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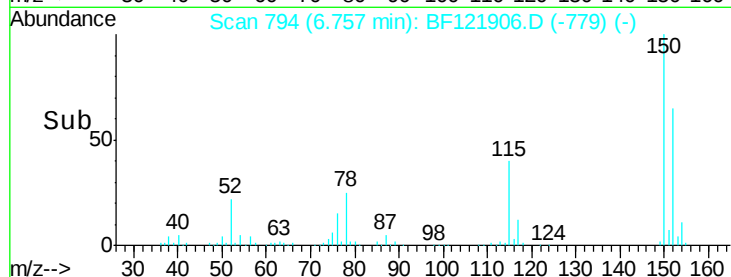
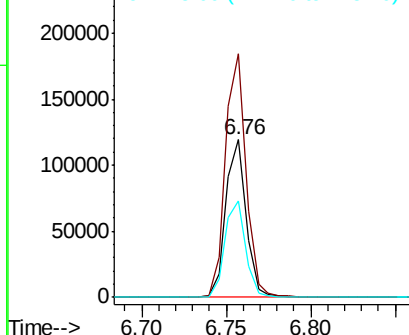
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Instrument :
BNA_F
ClientSampleId :
S-1

Tot Ion:152 Resp: 99959
Ion Ratio Lower Upper
152 100
150 154.4 125.3 187.9
115 61.2 51.9 77.9



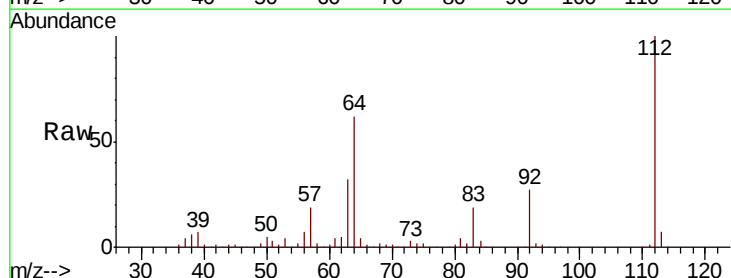
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



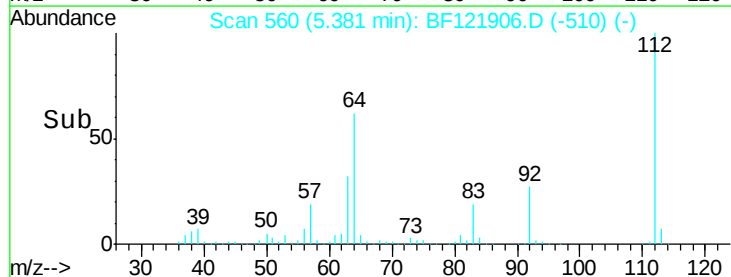
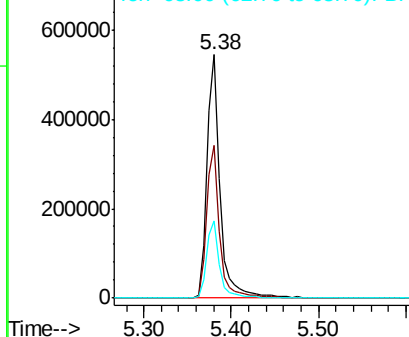
#5

2-Fluorophenol
Concen: 84.899 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion:112 Resp: 571044
Ion Ratio Lower Upper
112 100
64 62.5 50.4 75.6
63 31.7 25.8 38.6



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: 81.122 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

BNA_F

ClientSampleId :

S-1

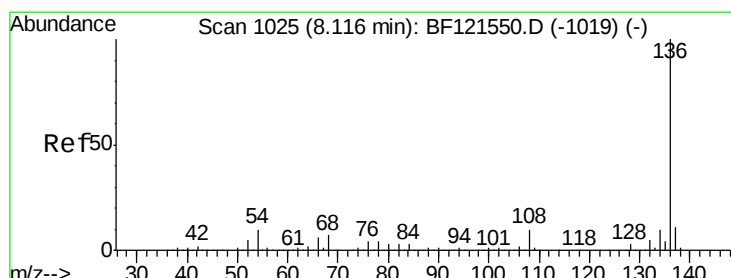
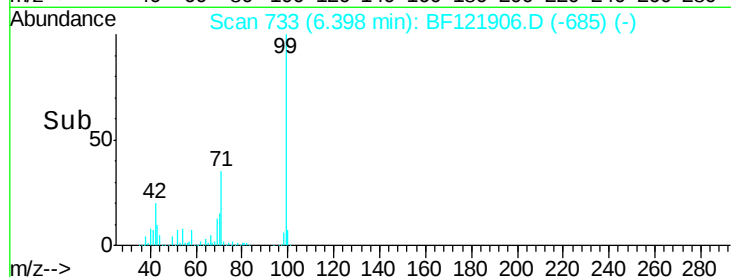
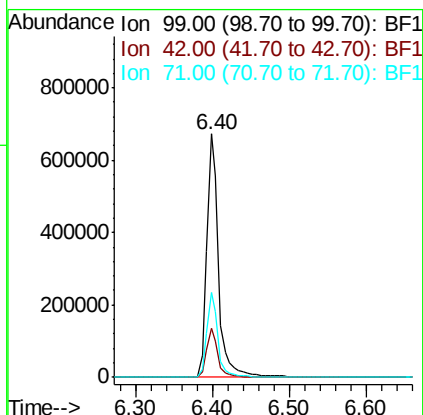
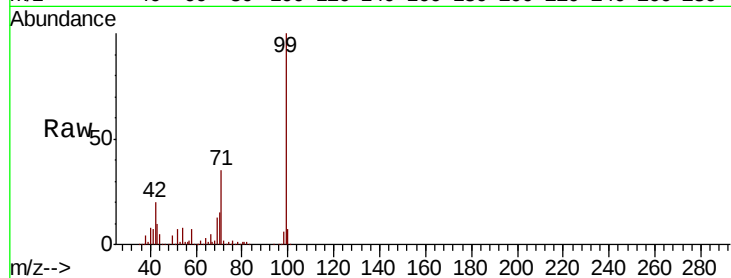
Tot Ion: 99 Resp: 715843

Ion Ratio Lower Upper

99 100

42 20.3 15.9 23.9

71 34.9 27.1 40.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.04 min Scan# 1012

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Tgt Ion: 136 Resp: 390727

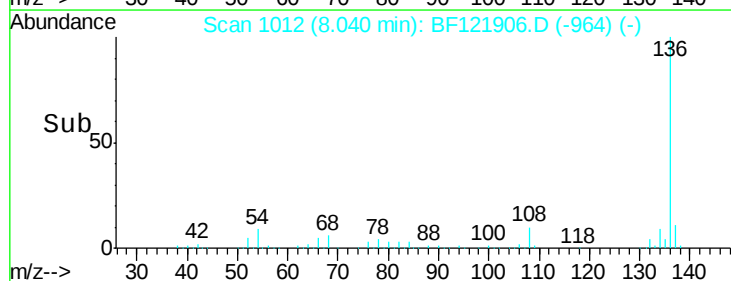
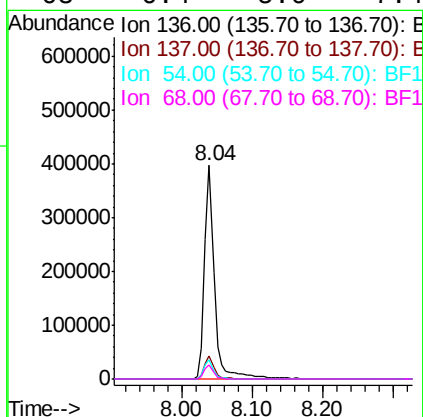
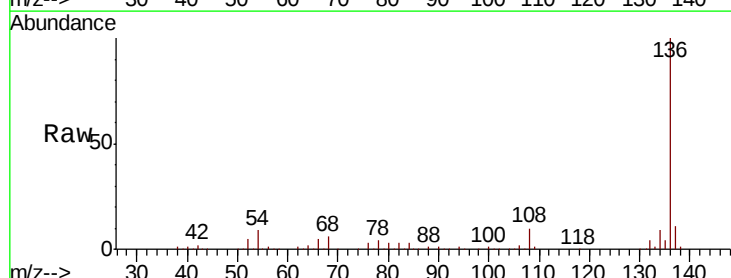
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 9.0 7.1 10.7

68 6.4 5.0 7.4

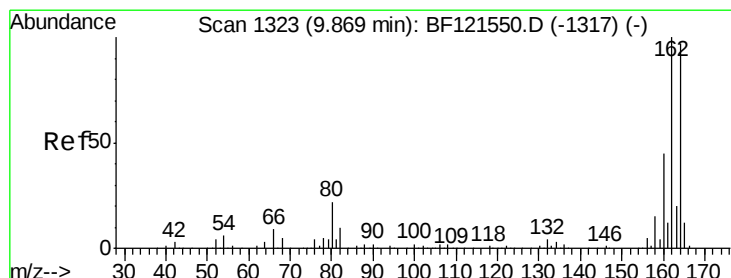
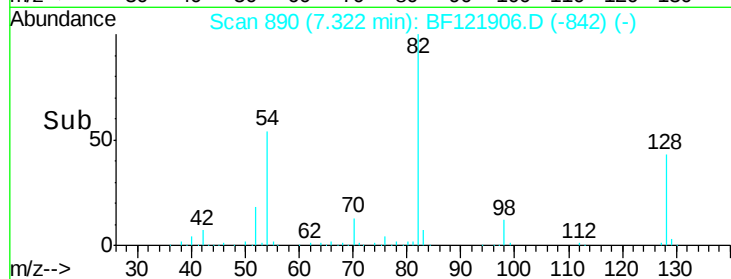
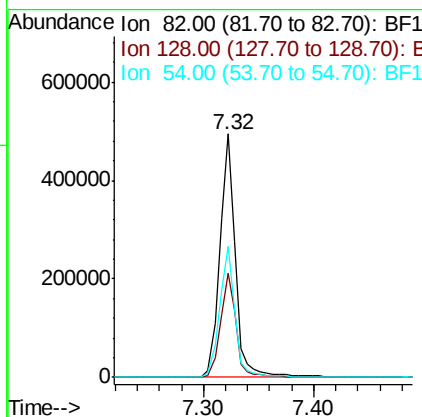
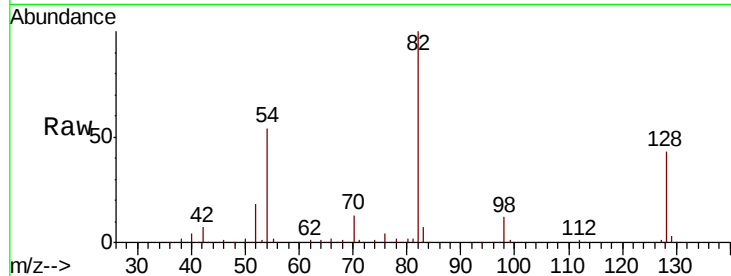




#23
 Nitrobenzene-d5
 Concen: 66.995 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

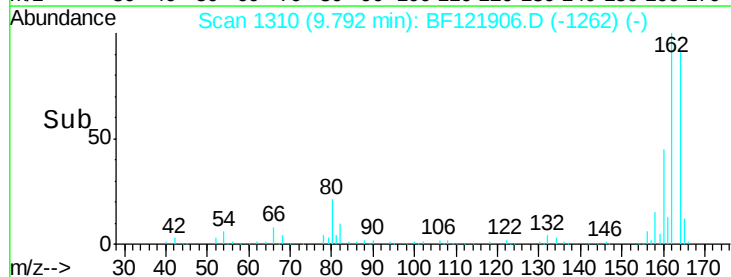
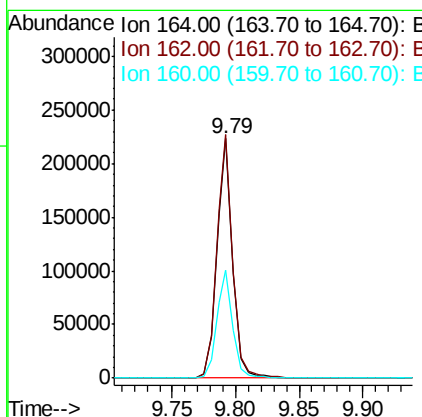
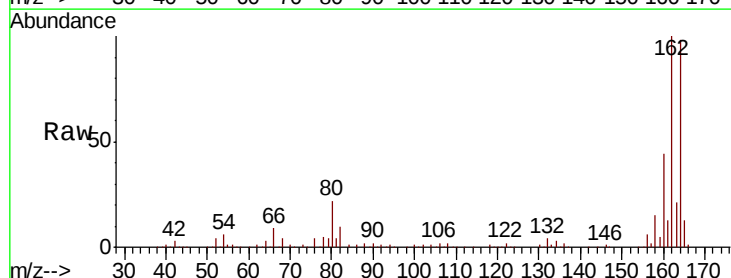
Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion: 82 Resp: 487536
 Ion Ratio Lower Upper
 82 100
 128 42.7 35.0 52.4
 54 53.6 43.9 65.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Tgt Ion: 164 Resp: 194406
 Ion Ratio Lower Upper
 164 100
 162 101.7 83.2 124.8
 160 45.2 37.5 56.3

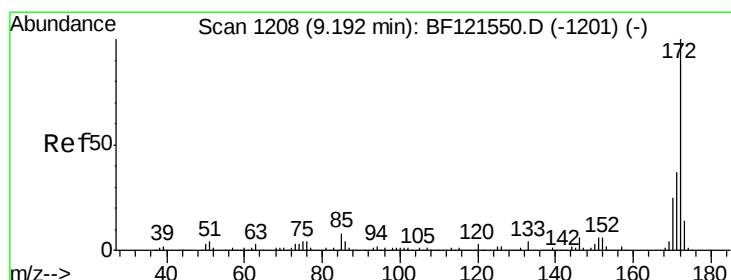
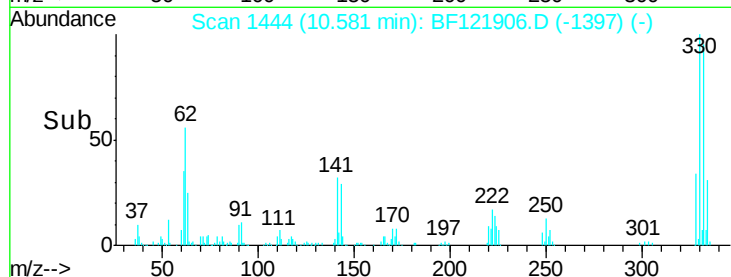
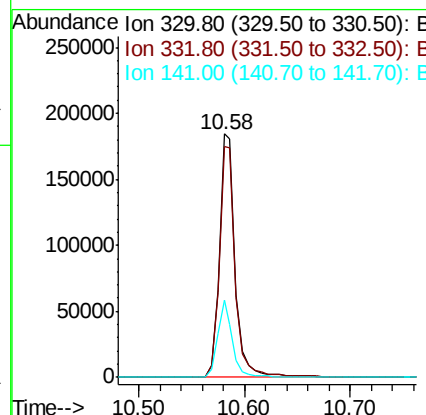
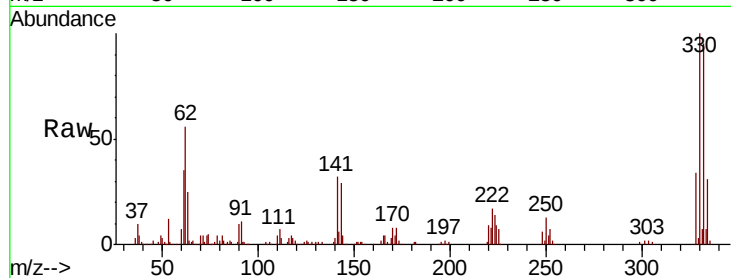




#42
 2,4,6-Tribromophenol
 Concen: 81.315 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

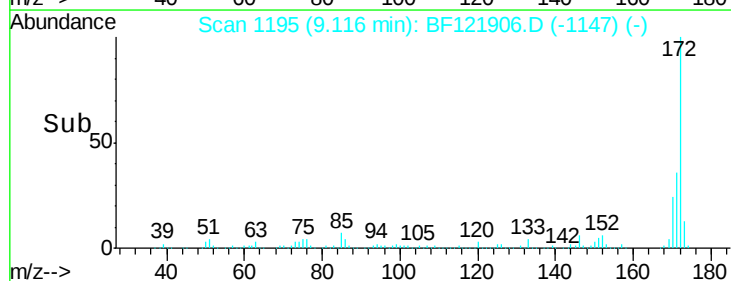
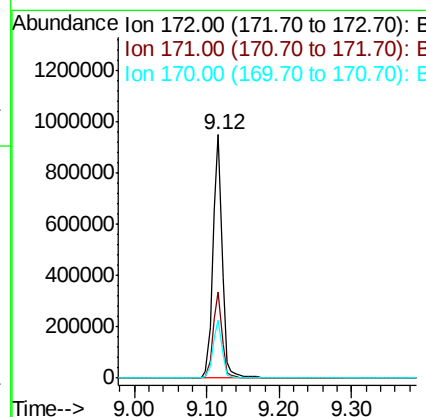
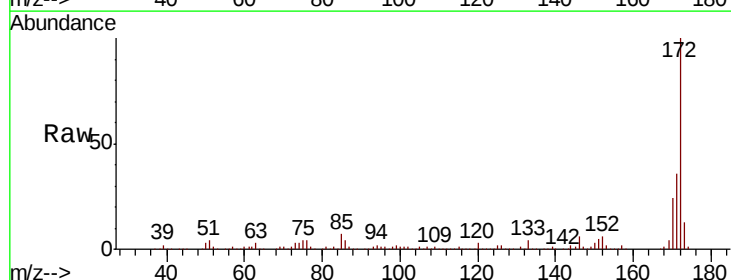
Instrument :
 BNA_F
 ClientSampleId :
 S-1

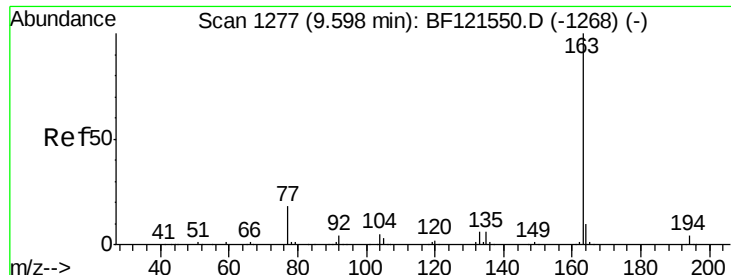
Tot Ion:330 Resp: 196474
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 29.8 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 65.883 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Tgt Ion:172 Resp: 845675
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.1 43.7
 170 23.8 19.8 29.6

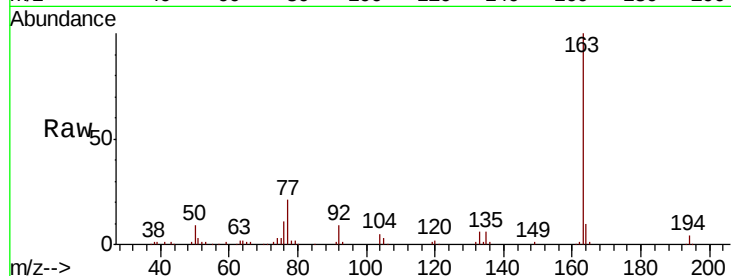




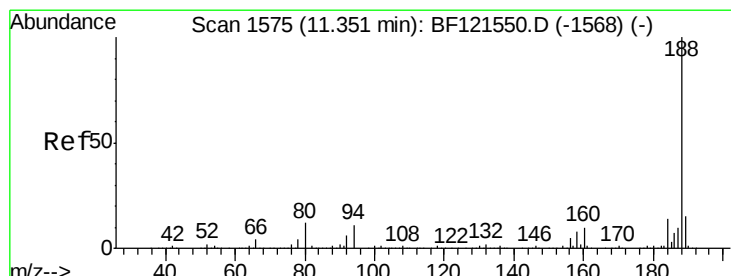
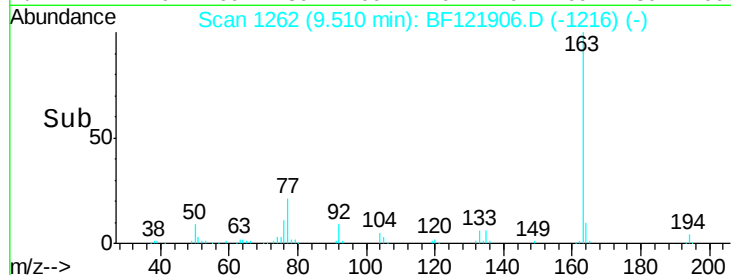
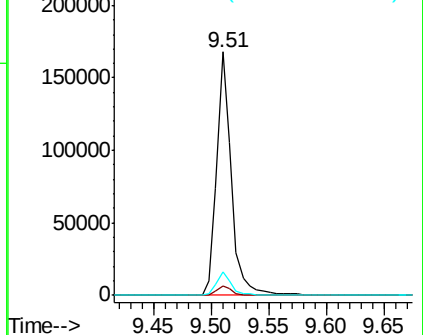
#50
Dimethylphthalate
Concen: 10.556 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Instrument :
BNA_F
ClientSampled :
S-1

Tot Ion:163 Resp: 148741
Ion Ratio Lower Upper
163 100
194 3.6 3.3 4.9
164 9.9 8.2 12.4

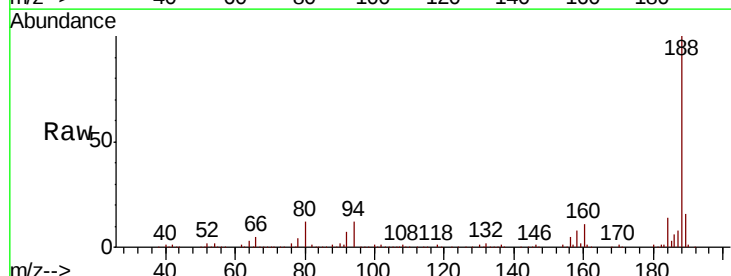


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

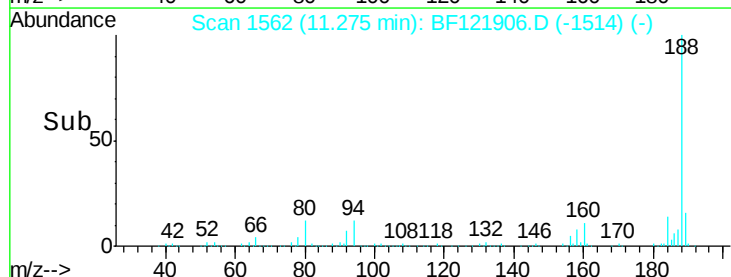
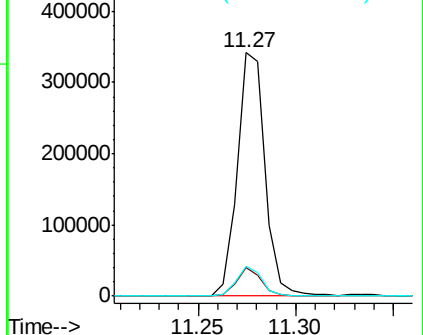


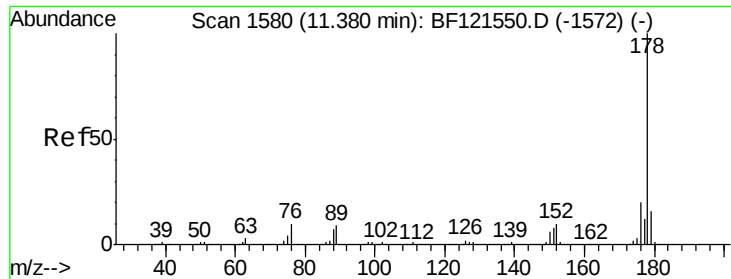
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.02 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion:188 Resp: 337033
Ion Ratio Lower Upper
188 100
94 11.6 8.3 12.5
80 12.4 9.1 13.7



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: 2.610 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Instrument :

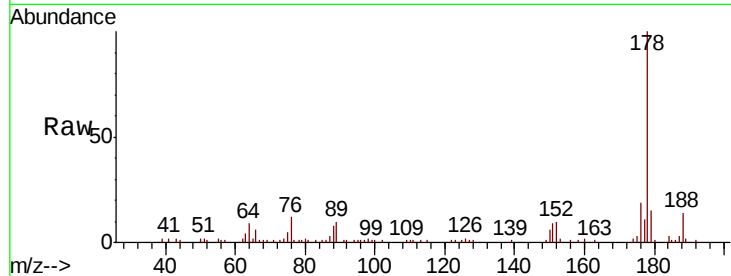
BNA_F

ClientSampleId :

S-1

Tot Ion:178 Resp: 47927

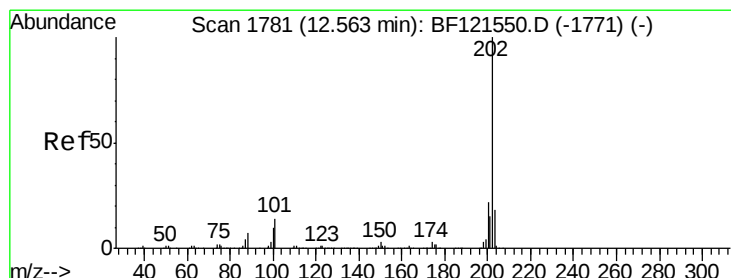
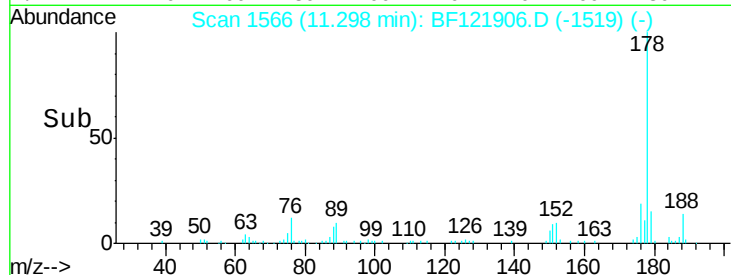
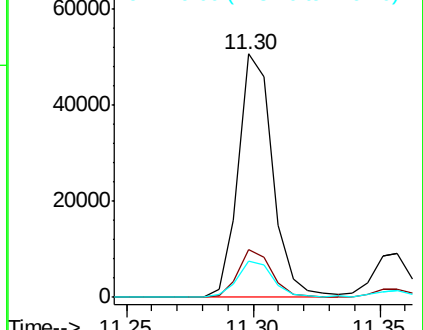
Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.9	23.9
179	14.8	12.2	18.4



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



#75

Fluoranthene

Concen: 2.606 ng

RT: 12.49 min Scan# 1769

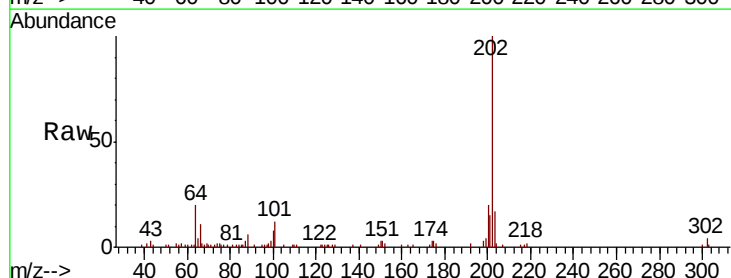
Delta R.T. -0.01 min

Lab File: BF121906.D

Acq: 9 Oct 2020 15:09

Tgt Ion:202 Resp: 51080

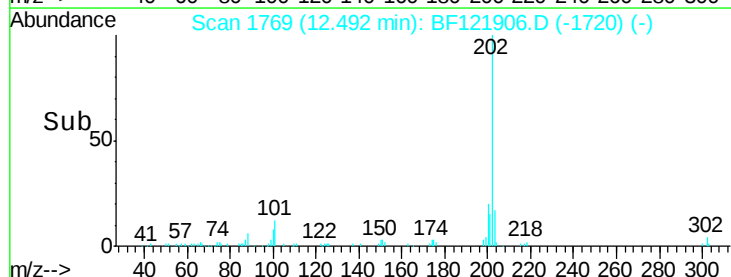
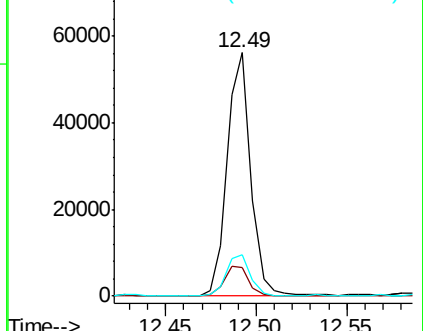
Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	33.4
203	17.2	0.0	37.9

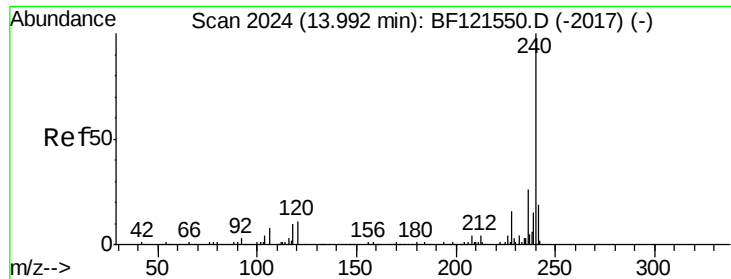


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

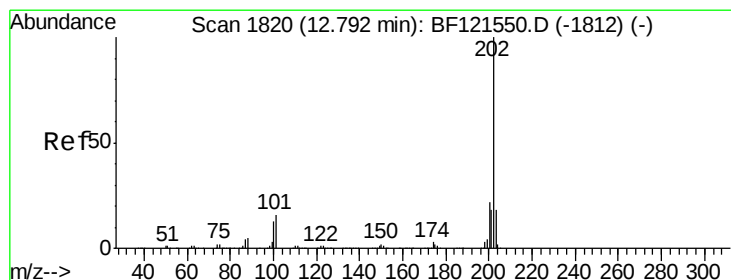
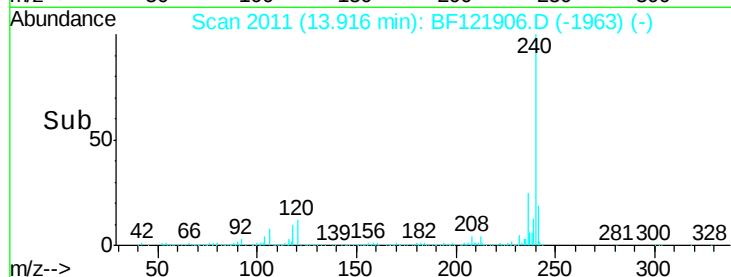
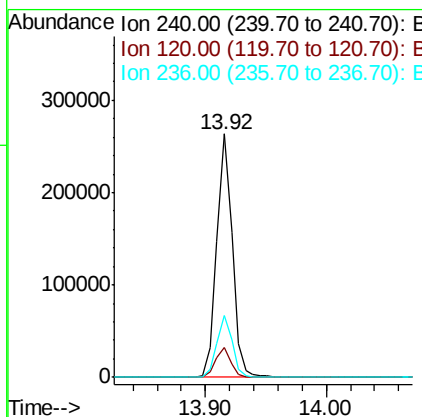
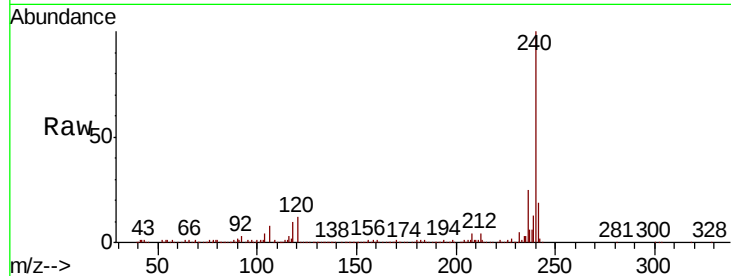




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.02 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

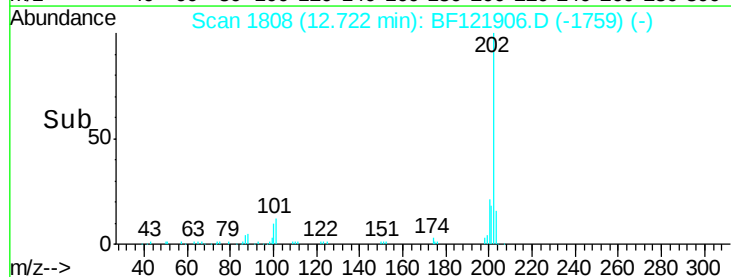
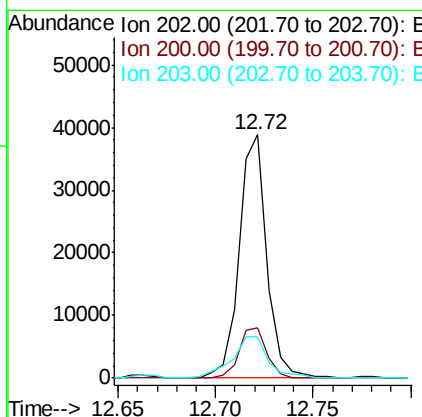
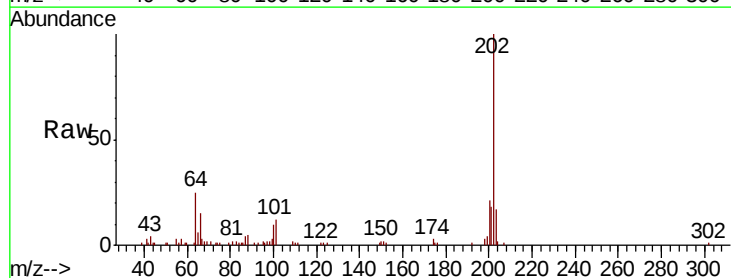
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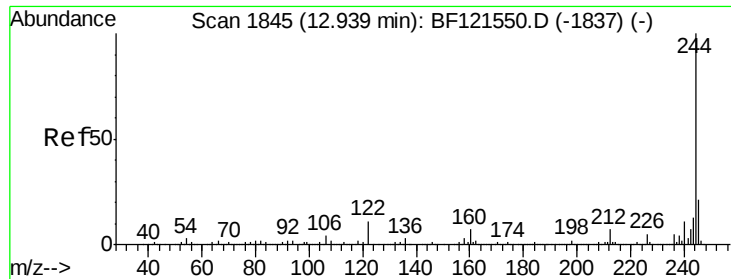
Tot Ion:240 Resp: 231850
Ion Ratio Lower Upper
240 100
120 12.2 9.2 13.8
236 25.4 20.9 31.3



#78
Pyrene
Concen: 2.243 ng
RT: 12.72 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF121906.D
Acq: 9 Oct 2020 15:09

Tgt Ion:202 Resp: 37995
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.2
203 17.0 14.6 21.8

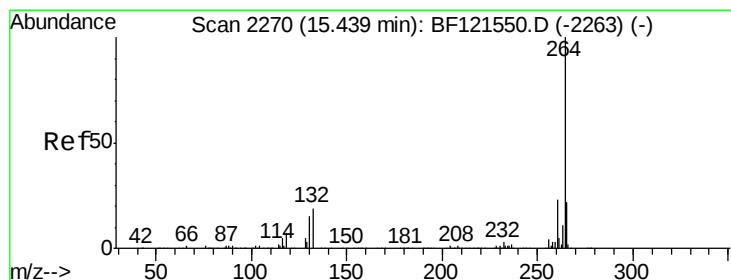
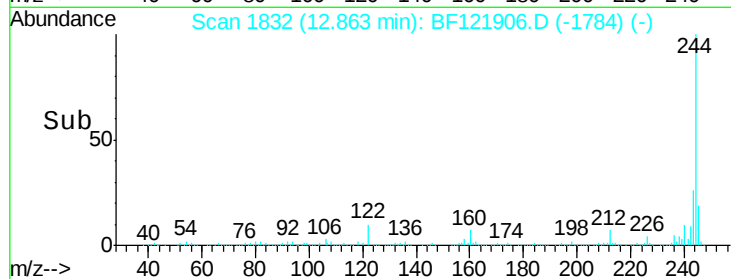
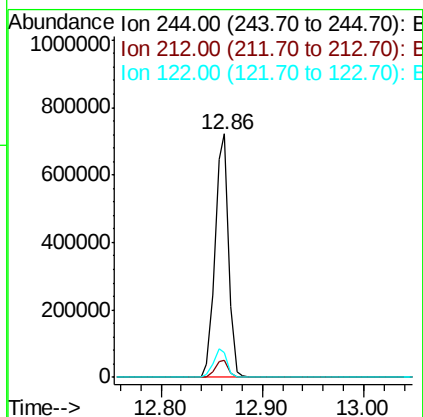
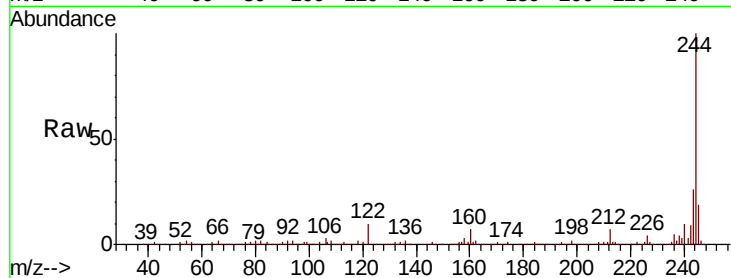




#79
 Terphenyl-d14
 Concen: 58.699 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Instrument :
 BNA_F
 ClientSampled :
 S-1

Tot Ion:244 Resp: 671764
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 10.1 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BF121906.D
 Acq: 9 Oct 2020 15:09

Tgt Ion:264 Resp: 241819
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.7 28.1
 265 21.7 17.3 25.9

