

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF082120\
 Data File : BF121385.D
 Acq On : 22 Aug 2020 00:25
 Operator : JU/CG
 Sample : L3734-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1B

Quant Time: Sep 02 16:07:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

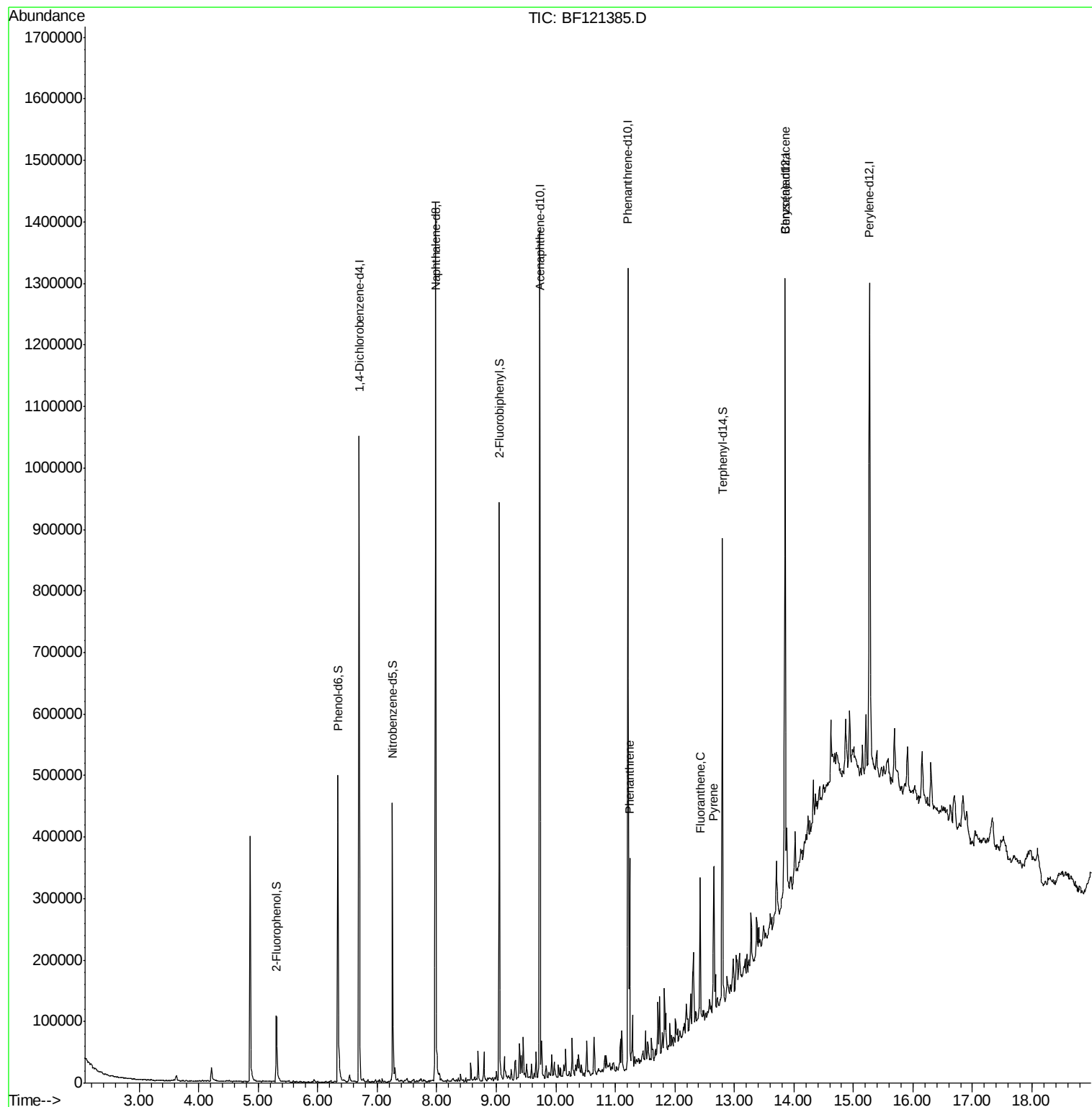
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	161743	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	609173	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	284030	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	456948	20.00	ng	0.00
76) Chrysene-d12	13.85	240	350542	20.00	ng	0.00
86) Perylene-d12	15.27	264	367535	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	44690	4.53	ng	0.01
7) Phenol-d6	6.34	99	197792	15.71	ng	0.00
23) Nitrobenzene-d5	7.26	82	141413	13.13	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	6573	1.99	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	285039	7.47	ng	0.00
79) Terphenyl-d14	12.80	244	208663	11.63	ng	0.00
Target Compounds						
71) Phenanthrene	11.24	178	113688	4.807	ng	98
75) Fluoranthene	12.43	202	90346	3.520	ng	99
78) Pyrene	12.66	202	104259	3.959	ng	97
81) Benzo(a)anthracene	13.84	228	45064	2.070	ng	93

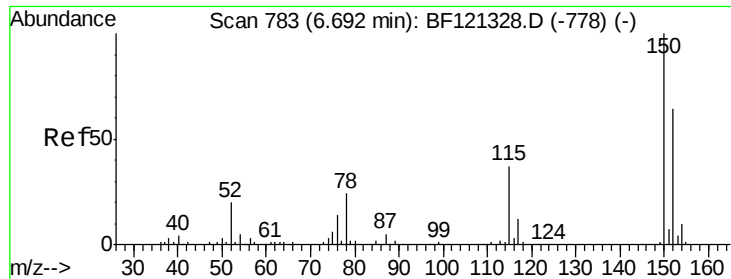
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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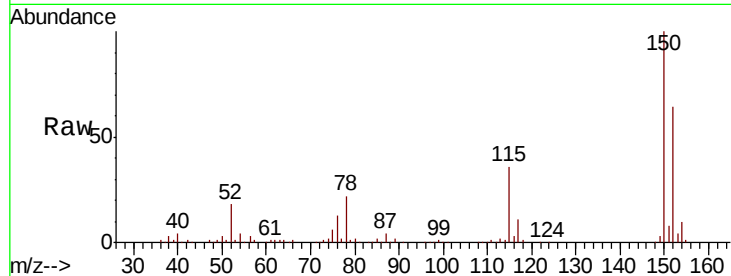


#1

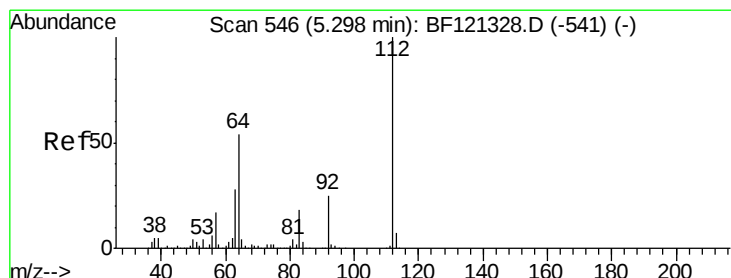
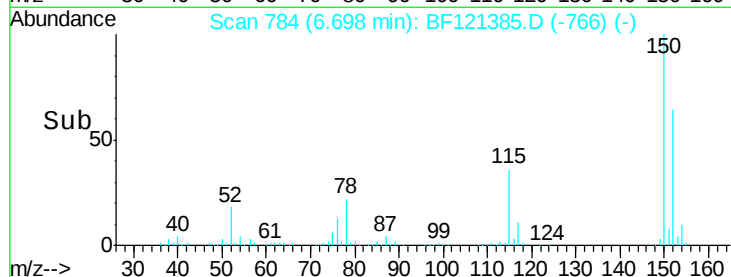
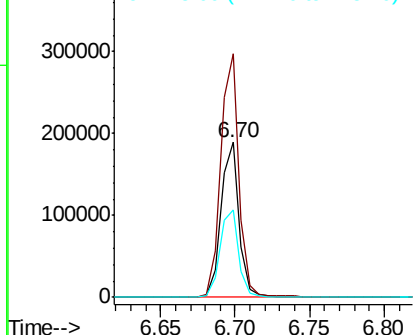
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. 0.01 min
 Lab File: BF121385.D
 Acq: 22 Aug 2020 00:25

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1B

Tot Ion:152 Resp: 161743
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.8 187.2
 115 56.5 46.1 69.1



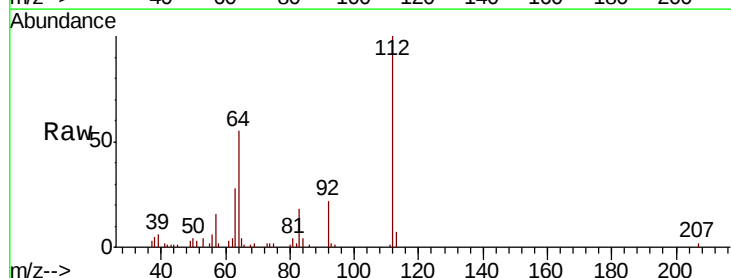
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



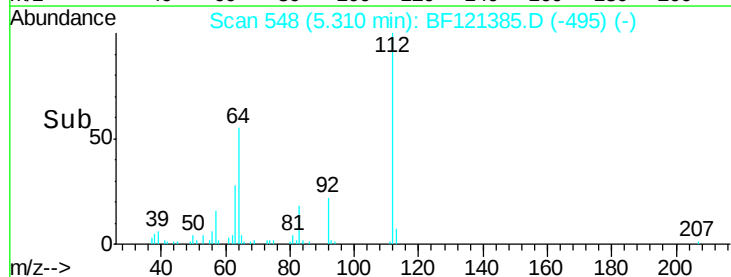
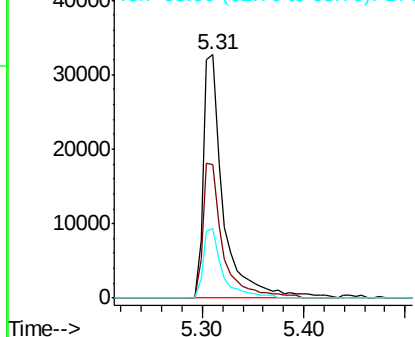
#5

2-Fluorophenol
 Concen: 4.531 ng
 RT: 5.31 min Scan# 548
 Delta R.T. 0.01 min
 Lab File: BF121385.D
 Acq: 22 Aug 2020 00:25

Tgt Ion:112 Resp: 44690
 Ion Ratio Lower Upper
 112 100
 64 54.7 43.5 65.3
 63 28.5 22.0 33.0



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: 15.707 ng

RT: 6.34 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

Instrument :

BNA_F

ClientSampleId :

EROC-BF-1B

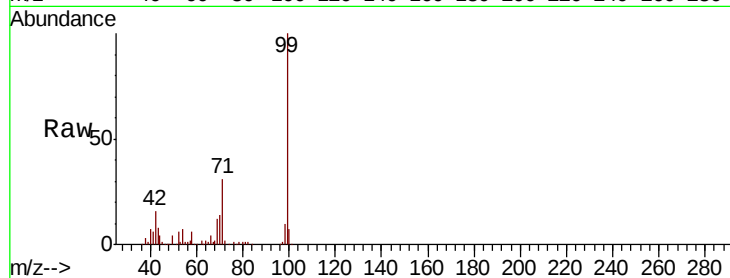
Tot Ion: 99 Resp: 197792

Ion Ratio Lower Upper

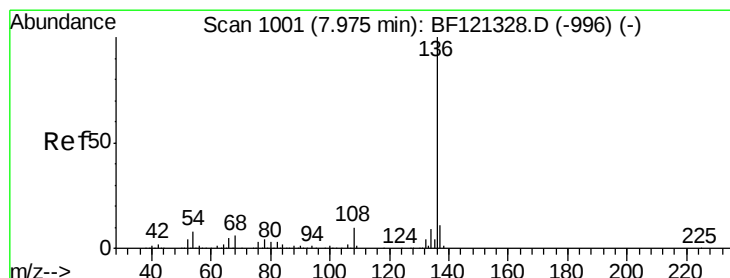
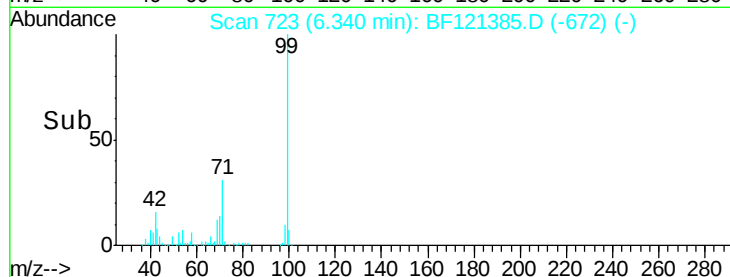
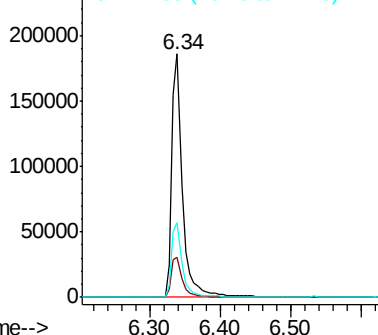
99 100

42 16.4 13.5 20.3

71 30.6 25.2 37.8



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.98 min Scan# 1002

Delta R.T. 0.01 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

Tgt Ion: 136 Resp: 609173

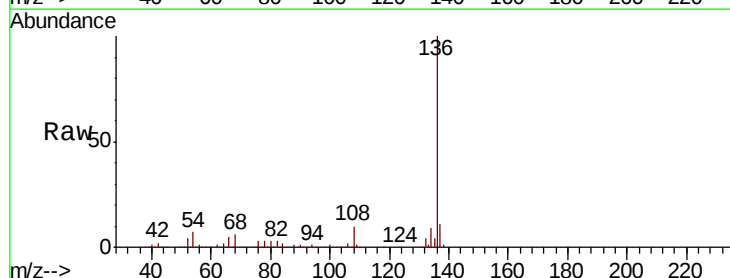
Ion Ratio Lower Upper

136 100

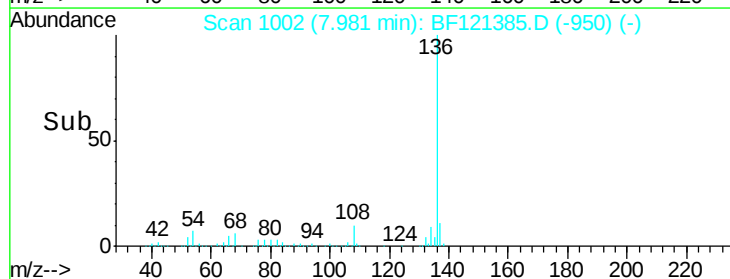
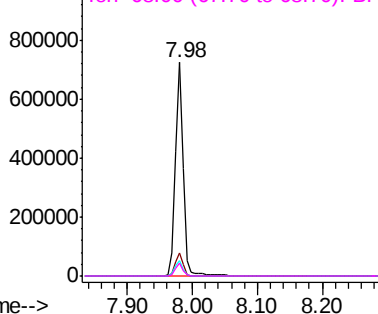
137 10.9 8.9 13.3

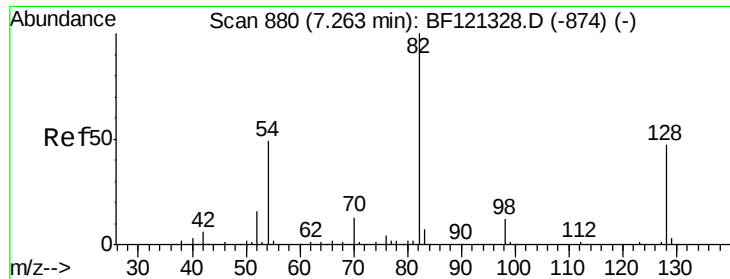
54 7.4 6.1 9.1

68 6.0 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

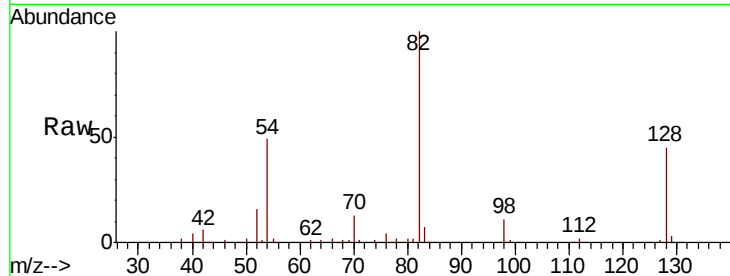




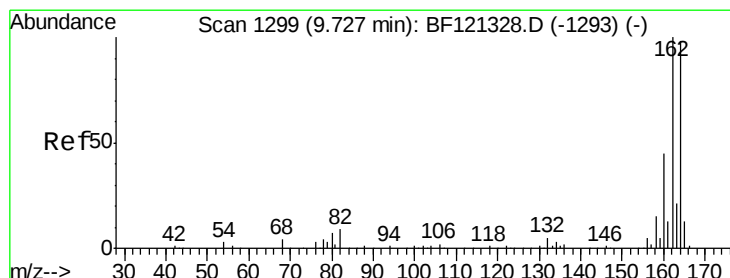
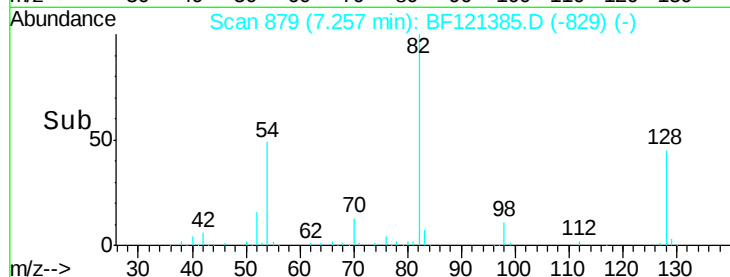
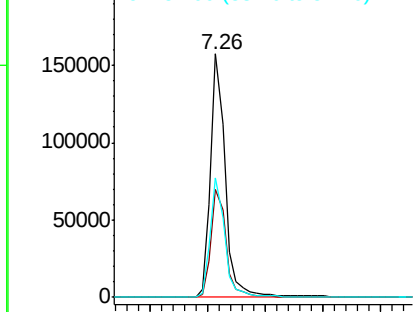
#23
 Nitrobenzene-d5
 Concen: 13.129 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF121385.D
 Acq: 22 Aug 2020 00:25

Instrument :
 BNA_F
 ClientSampleId :
 EROC-BF-1B

Tot Ion: 82 Resp: 141413
 Ion Ratio Lower Upper
 82 100
 128 44.5 37.9 56.9
 54 49.2 39.0 58.4

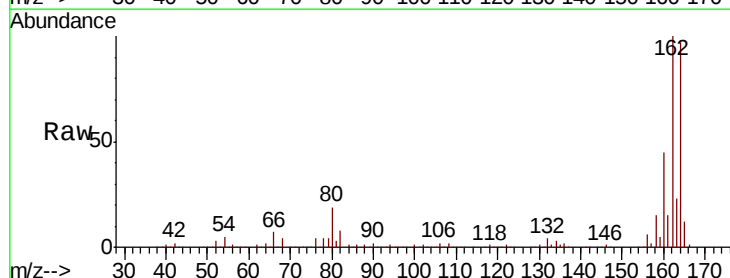


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

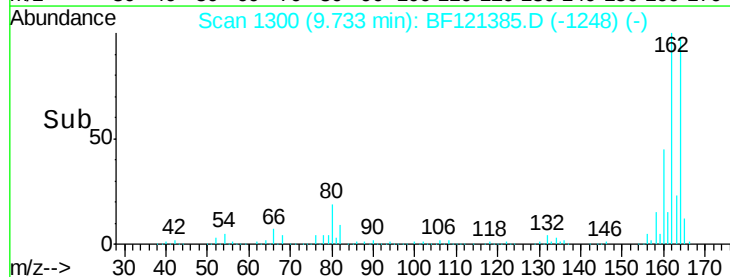
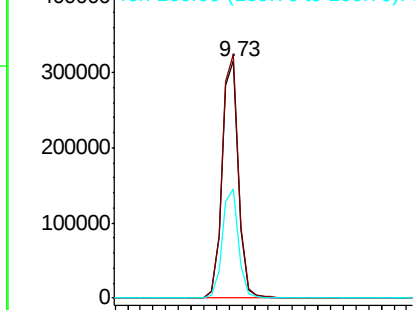


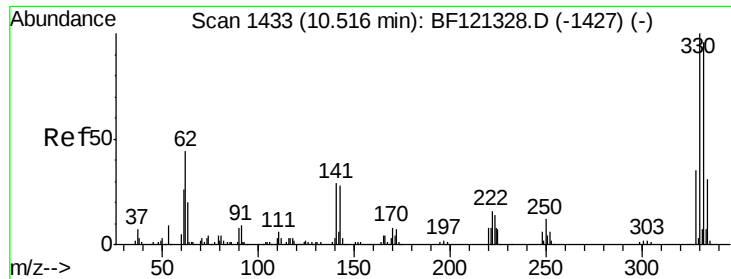
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.01 min
 Lab File: BF121385.D
 Acq: 22 Aug 2020 00:25

Tgt Ion:164 Resp: 284030
 Ion Ratio Lower Upper
 164 100
 162 102.7 81.7 122.5
 160 46.1 37.0 55.4



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: 1.986 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

Instrument :

BNA_F

ClientSampleId :

EROC-BF-1B

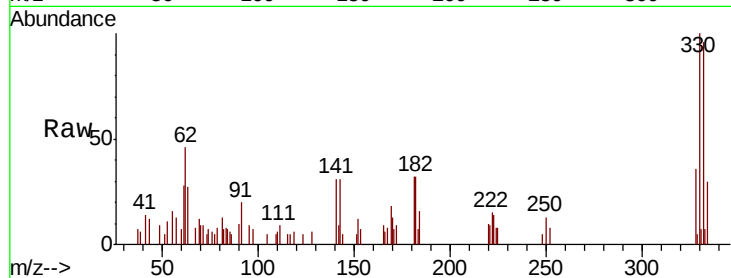
Tot Ion:330 Resp: 6573

Ion Ratio Lower Upper

330 100

332 90.9 76.9 115.3

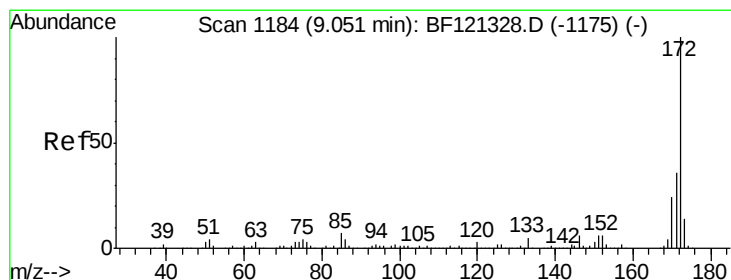
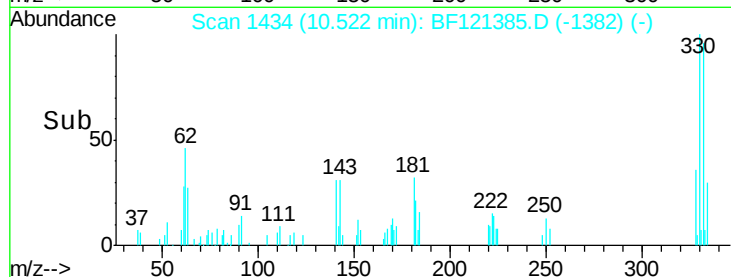
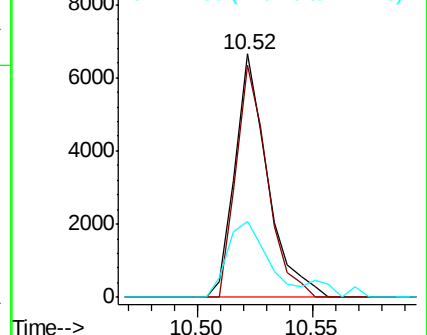
141 44.7 22.8 34.2#



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: 7.474 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

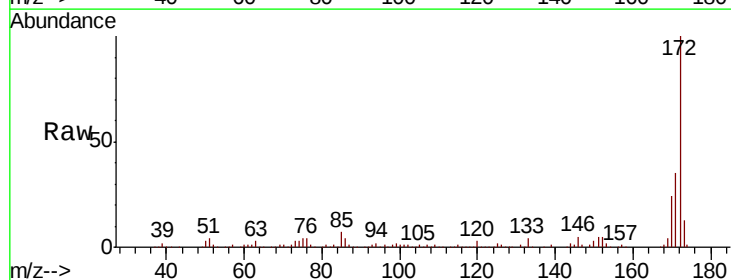
Tgt Ion:172 Resp: 285039

Ion Ratio Lower Upper

172 100

171 34.8 29.0 43.6

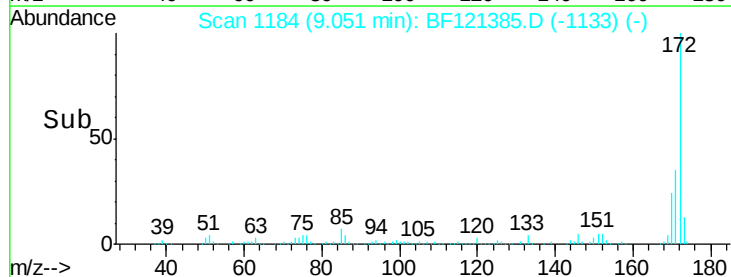
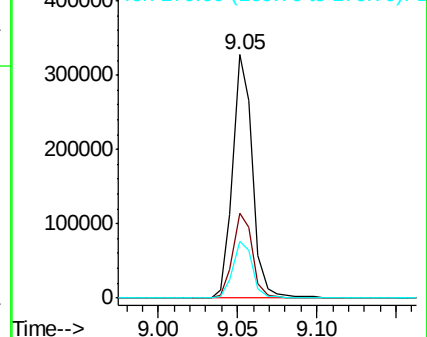
170 23.5 19.4 29.2

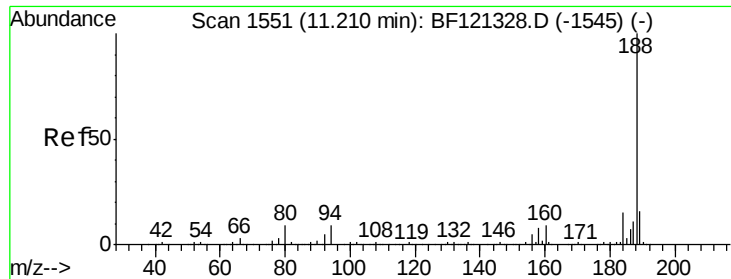


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

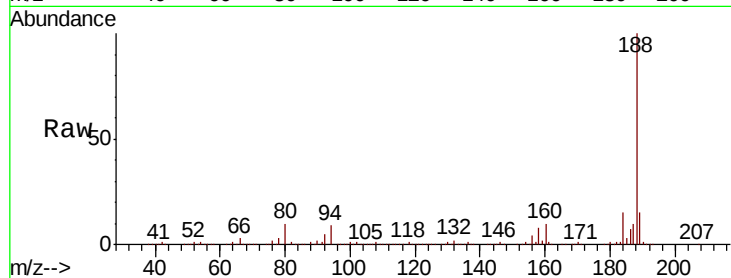




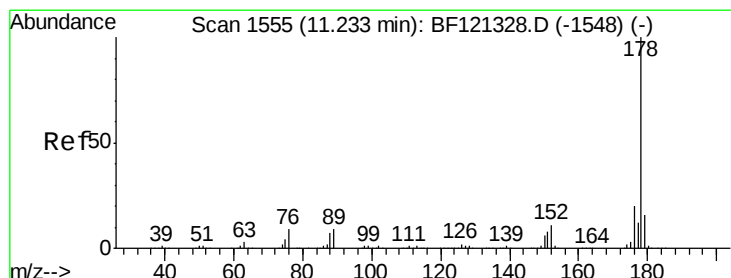
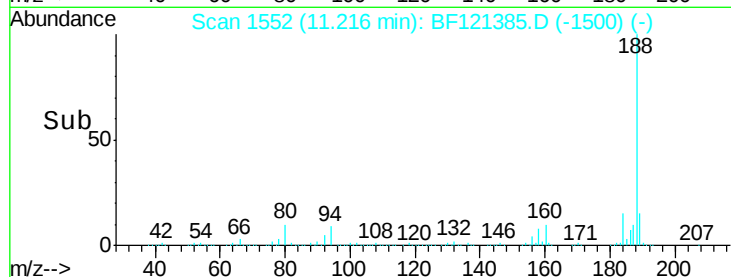
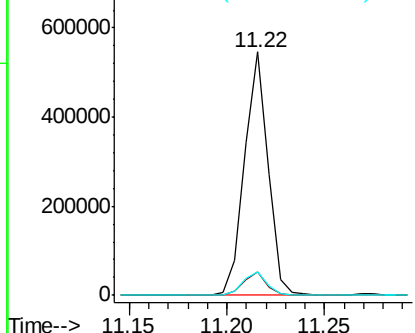
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROC-BF-1B

Tot Ion:188 Resp: 456948
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.8 7.4 11.0

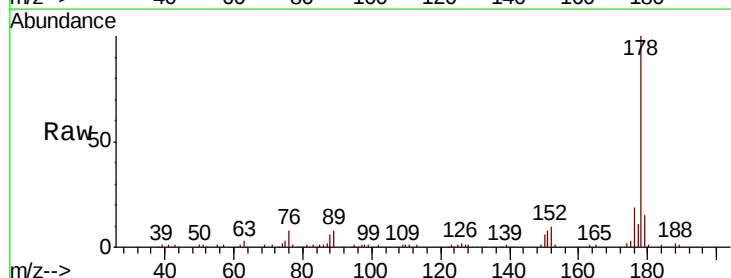


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

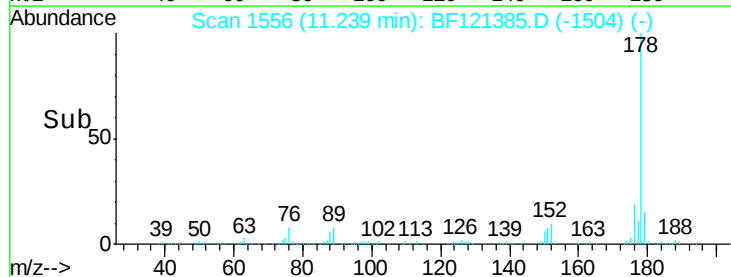
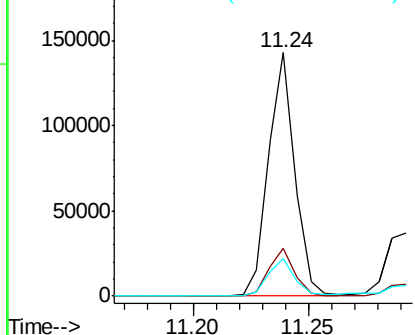


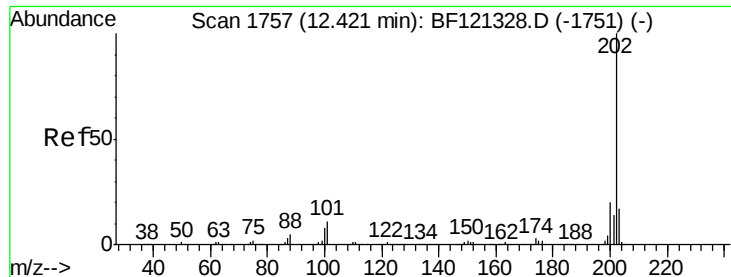
#71
Phenanthrene
Concen: 4.807 ng
RT: 11.24 min Scan# 1556
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:178 Resp: 113688
Ion Ratio Lower Upper
178 100
176 19.4 16.0 24.0
179 15.2 12.8 19.2



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: 3.520 ng

RT: 12.43 min Scan# 1758

Delta R.T. 0.01 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

Instrument :

BNA_F

ClientSampleId :

EROC-BF-1B

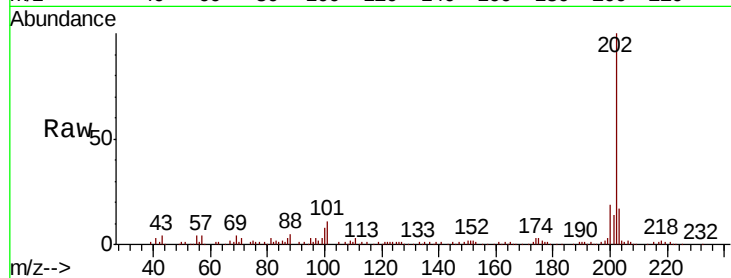
Tot Ion:202 Resp: 90346

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.6

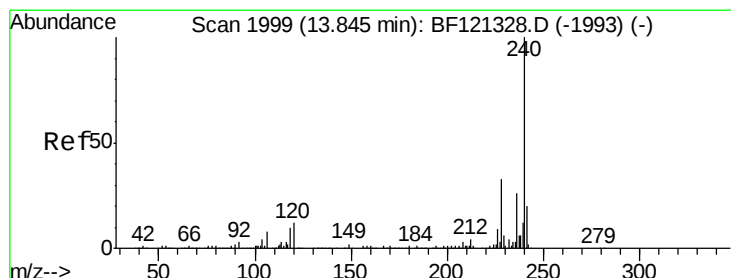
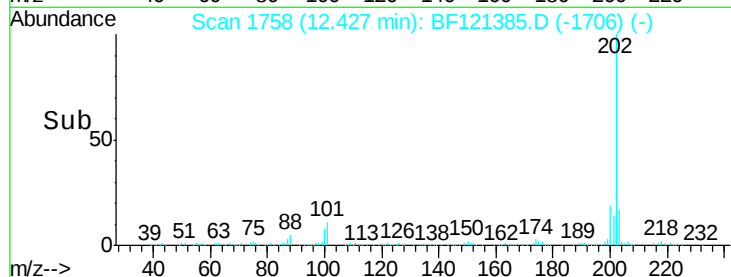
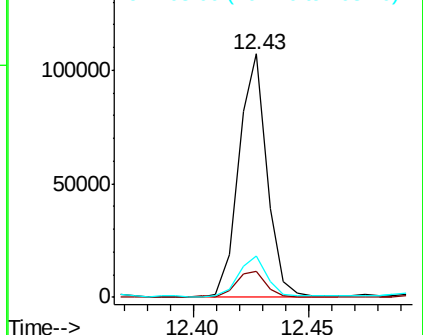
203 16.9 0.0 37.5



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: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF121385.D

Acq: 22 Aug 2020 00:25

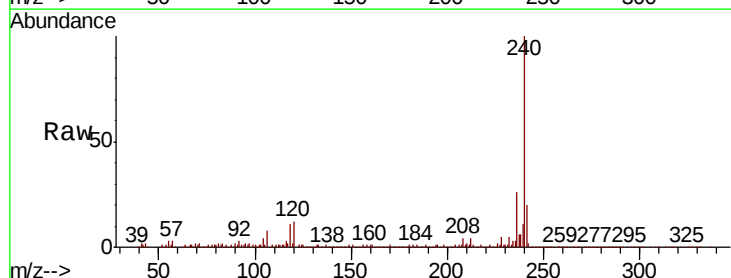
Tgt Ion:240 Resp: 350542

Ion Ratio Lower Upper

240 100

120 12.2 9.6 14.4

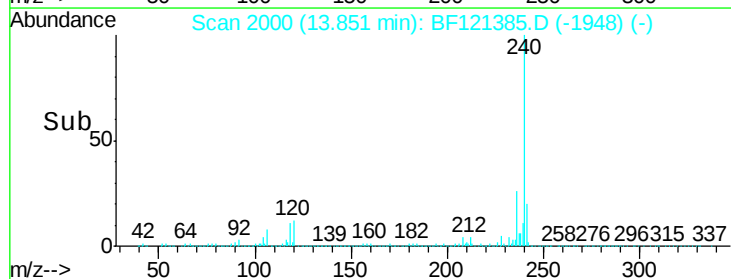
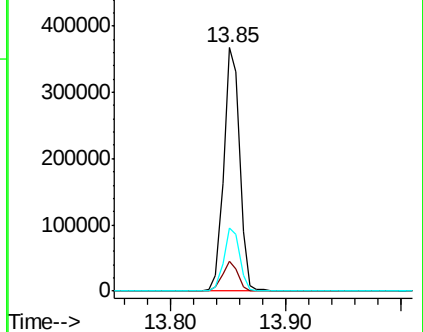
236 25.8 20.6 31.0

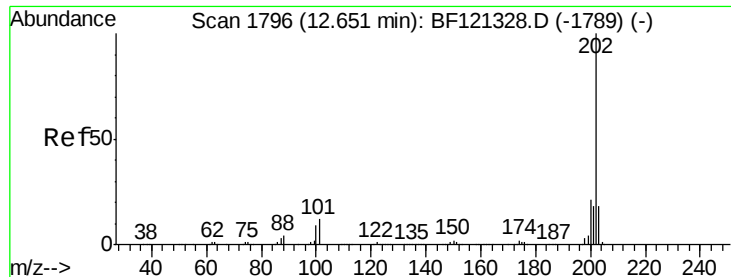


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

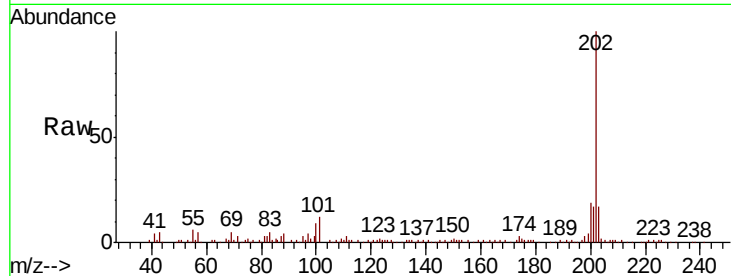




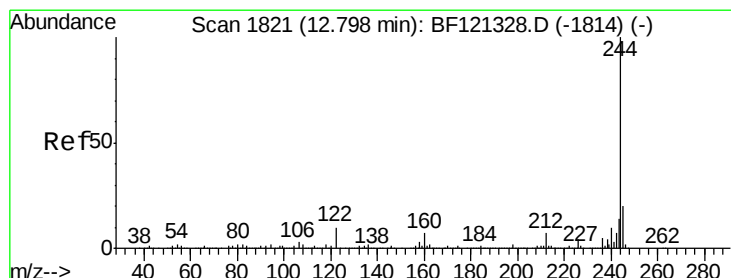
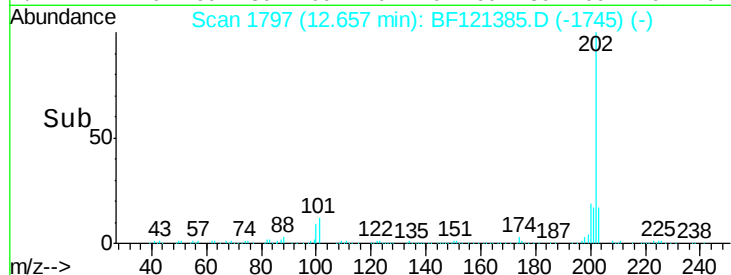
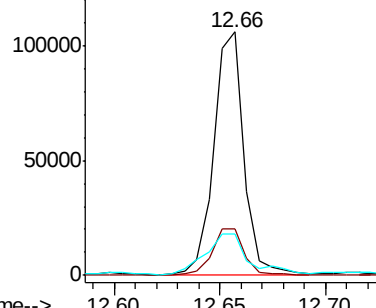
#78
Pvrene
Concen: 3.959 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampled :
EROC-BF-1B

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.0	16.6	24.8
203	17.1	14.2	21.2

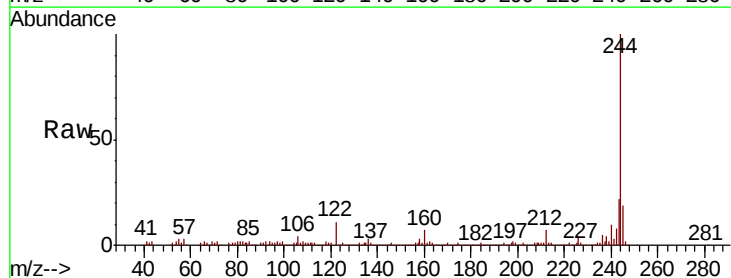


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

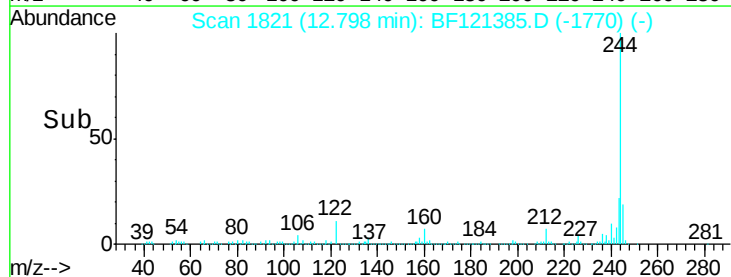
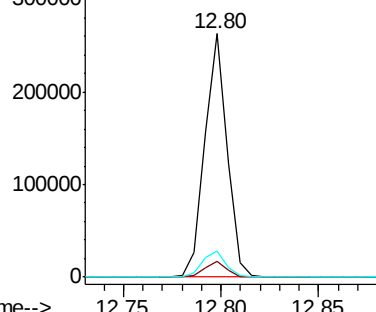


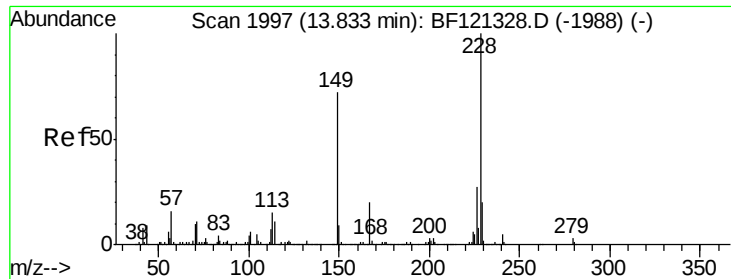
#79
Terphenyl-d14
Concen: 11.632 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.00 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	10.7	7.8	11.8



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

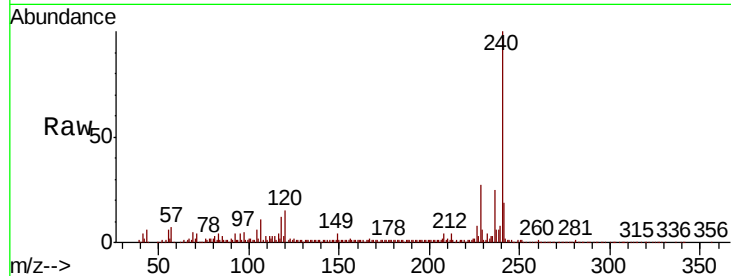




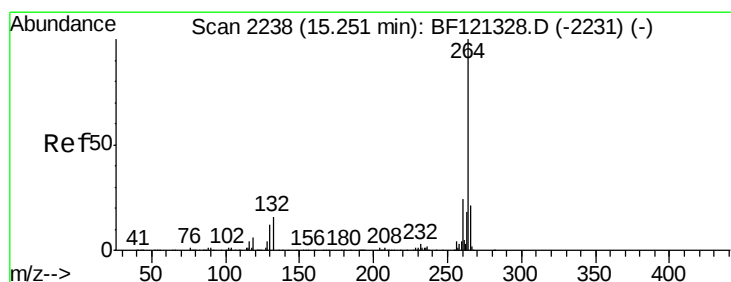
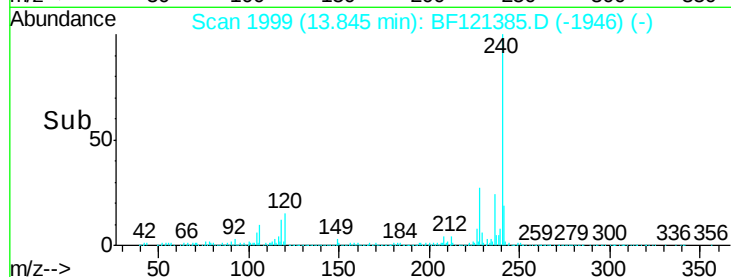
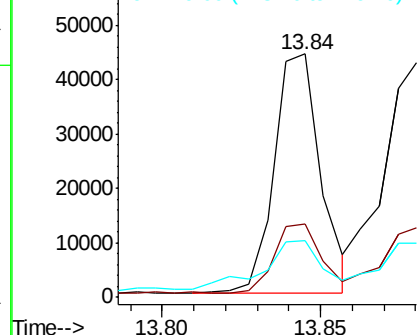
#81
Benzo(a)anthracene
Concen: 2.070 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.01 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Instrument :
BNA_F
ClientSampleId :
EROB-BF-1B

Tot Ion:228 Resp: 45064
Ion Ratio Lower Upper
228 100
226 30.0 21.8 32.6
229 23.6 15.8 23.8

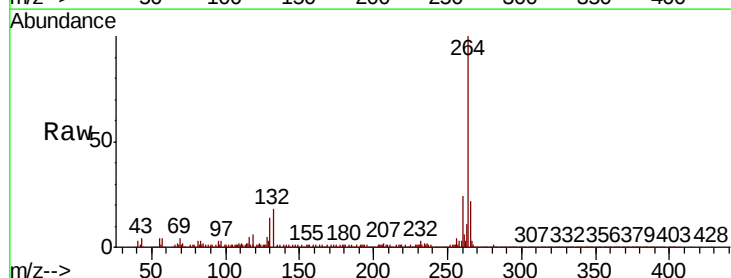


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.02 min
Lab File: BF121385.D
Acq: 22 Aug 2020 00:25

Tgt Ion:264 Resp: 367535
Ion Ratio Lower Upper
264 100
260 24.5 19.5 29.3
265 21.9 17.1 25.7



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

