

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
 Data File : BF127106.D
 Acq On : 28 Feb 2022 18:13
 Operator : CG\JU
 Sample : N1664-28
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Mar 01 01:40:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

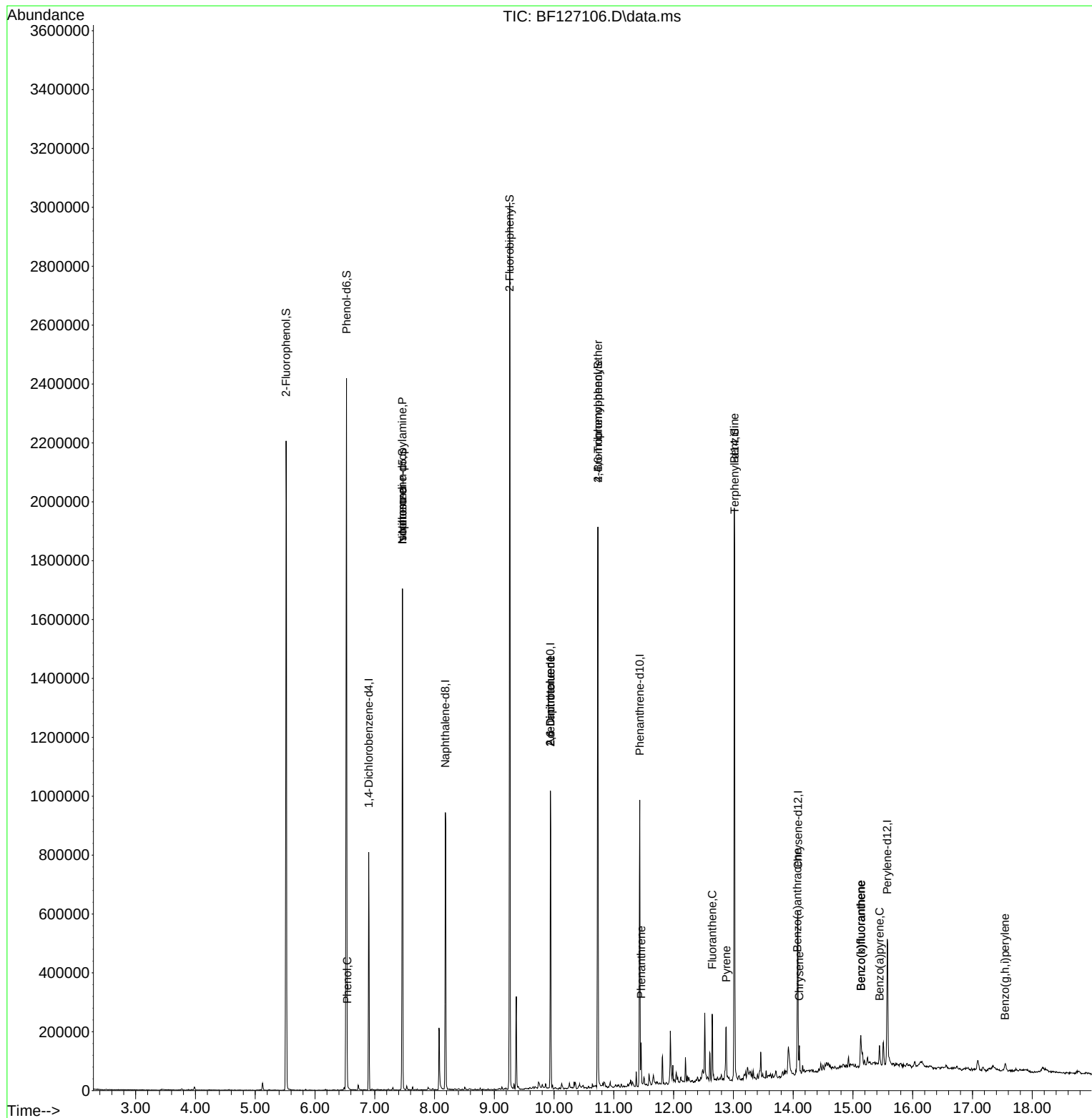
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	102115	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	397702	20.000	ng	#-0.01
39) Acenaphthene-d10	9.939	164	196687	20.000	ng	-0.01
64) Phenanthrene-d10	11.433	188	305317	20.000	ng	#-0.01
76) Chrysene-d12	14.080	240	171338	20.000	ng	# 0.00
86) Perylene-d12	15.574	264	187859	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	556120	84.172	ng	-0.01
7) Phenol-d6	6.528	99	750763	84.213	ng	-0.01
23) Nitrobenzene-d5	7.463	82	512822	58.203	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	207167	91.481	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	834105	62.431	ng	-0.01
79) Terphenyl-d14	13.022	244	644401	55.288	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.540	94	19248	2.137	ng	85
19) n-Nitroso-di-n-propyla...	7.463	70	70560	12.283	ng	# 76
25) Isophorone	7.463	82	512815	35.173	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	25320	8.852	ng	# 22
57) 2,4-Dinitrotoluene	9.939	165	25320	6.547	ng	# 16
67) 4-Bromophenyl-phenylether	10.733	248	12098	3.546	ng	# 1
71) Phenanthrene	11.457	178	49005	2.868	ng	99
75) Fluoranthene	12.645	202	76067	4.688	ng	96
77) Benzidine	13.016	184	9531	2.047	ng	# 94
78) Pyrene	12.880	202	73805	4.958	ng	98
81) Benzo(a)anthracene	14.069	228	34271	2.967	ng	96
83) Chrysene	14.104	228	35211	3.242	ng	97
88) Benzo(b)fluoranthene	15.133	252	72171	5.720	ng	# 95
89) Benzo(k)fluoranthene	15.133	252	72171	5.930	ng	# 96
90) Benzo(a)pyrene	15.445	252	28895	2.932	ng	95
92) Benzo(g,h,i)perylene	17.545	276	20407	2.032	ng	# 82

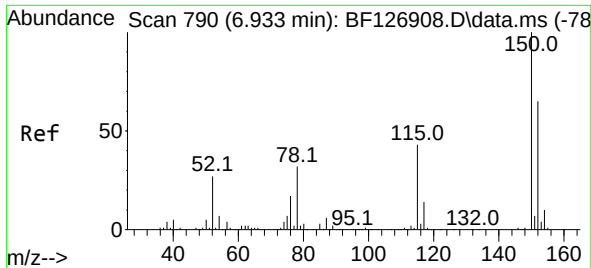
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022822\
Data File : BF127106.D
Acq On : 28 Feb 2022 18:13
Operator : CG\JU
Sample : N1664-28
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-10

Quant Time: Mar 01 01:40:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 24 02:10:57 2022
Response via : Initial Calibration

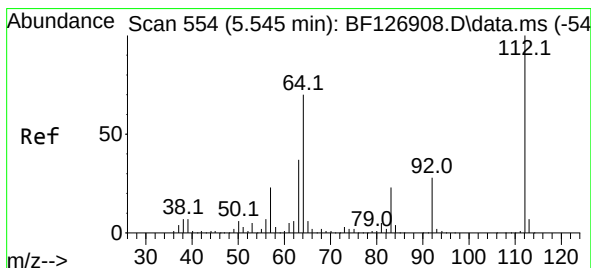
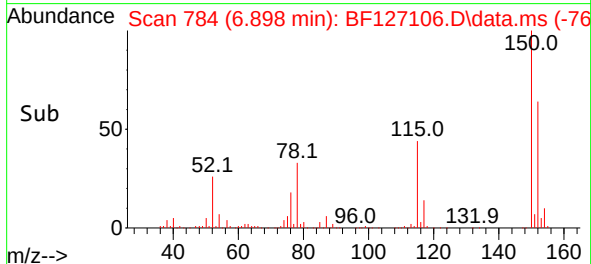
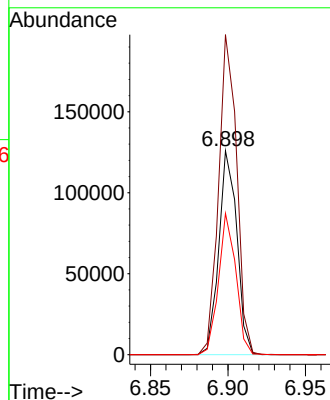
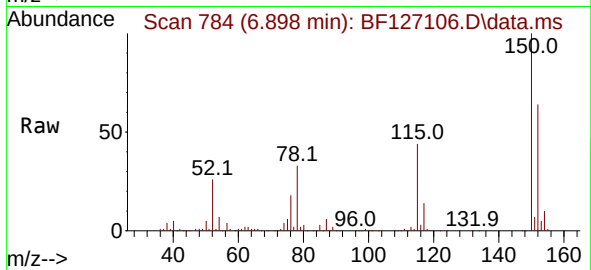




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 71
 Delta R.T. -0.012 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13

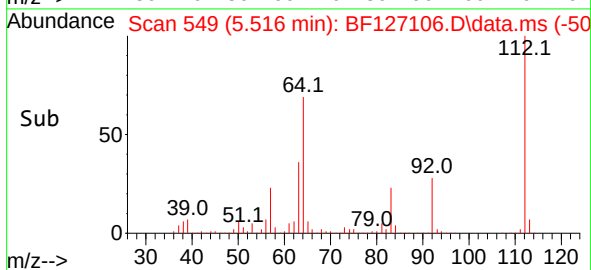
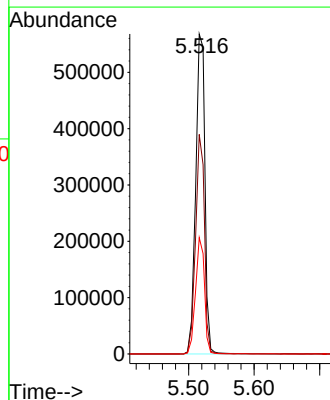
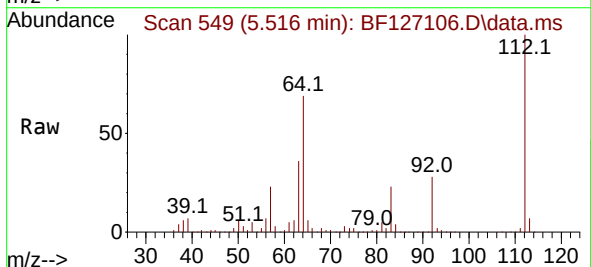
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

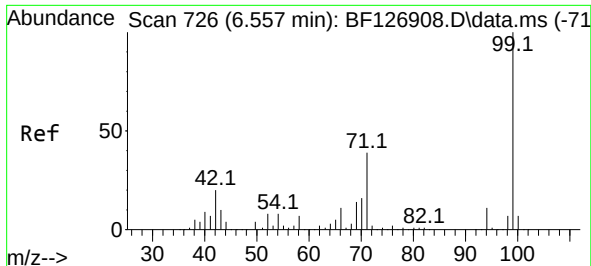
Tgt Ion:152 Resp: 102115
 Ion Ratio Lower Upper
 152 100
 150 157.0 128.1 192.1
 115 69.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 84.172 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.012 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13

Tgt Ion:112 Resp: 556120
 Ion Ratio Lower Upper
 112 100
 64 68.6 49.5 74.3
 63 36.4 23.9 35.9#





#7

Phenol-d6

Concen: 84.213 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

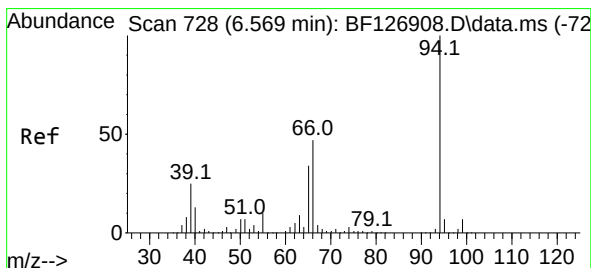
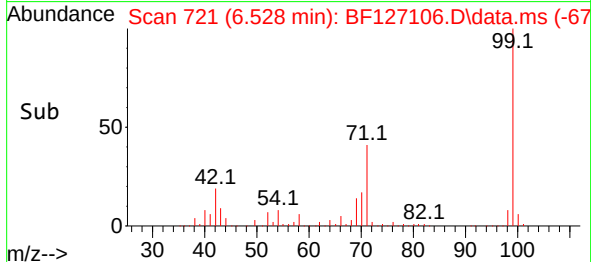
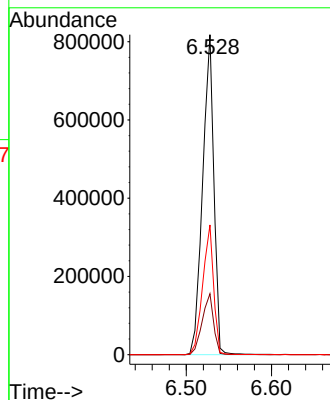
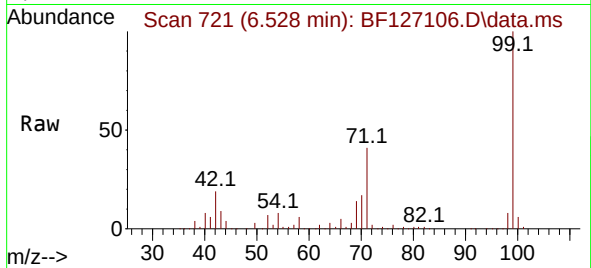
Tgt Ion: 99 Resp: 750763

Ion Ratio Lower Upper

99 100

42 19.0 14.2 21.4

71 40.5 24.3 36.5#



#10

Phenol

Concen: 2.137 ng

RT: 6.540 min Scan# 723

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

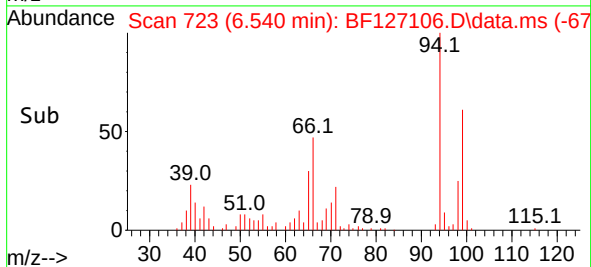
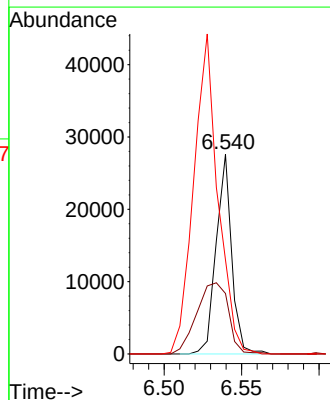
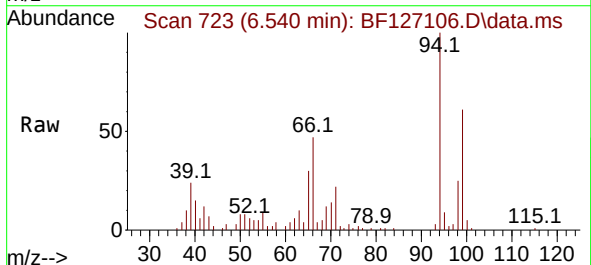
Tgt Ion: 94 Resp: 19248

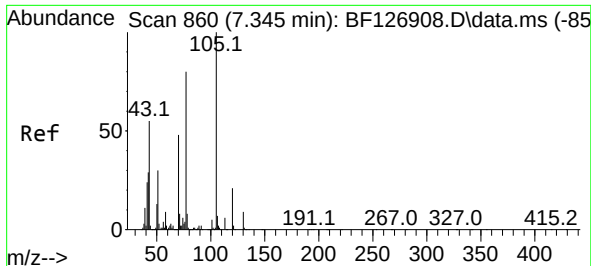
Ion Ratio Lower Upper

94 100

65 30.3 7.2 47.2

66 47.1 14.5 54.5

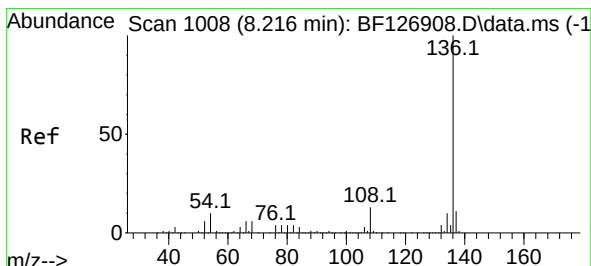
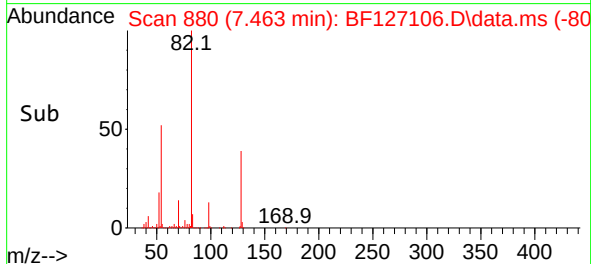
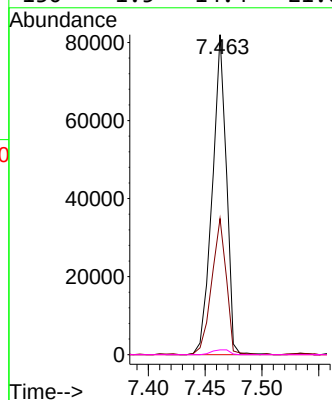
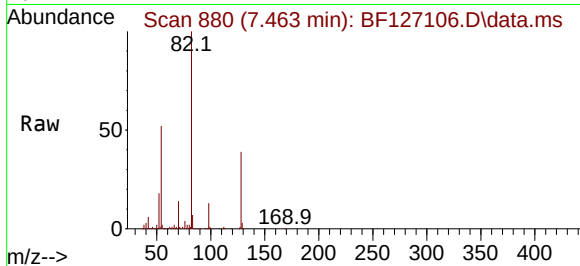




#19
n-Nitroso-di-n-propylamine
Concen: 12.283 ng
RT: 7.463 min Scan# 80
Delta R.T. 0.141 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

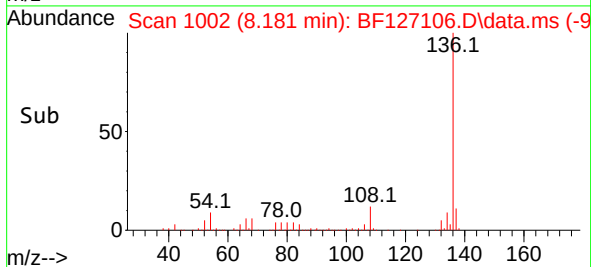
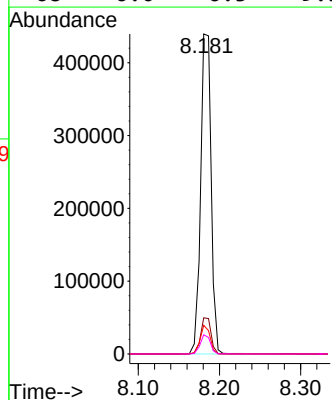
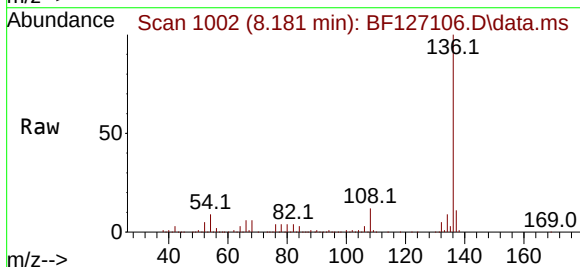
Instrument :
BNA_F
ClientSampleId :
TP-10

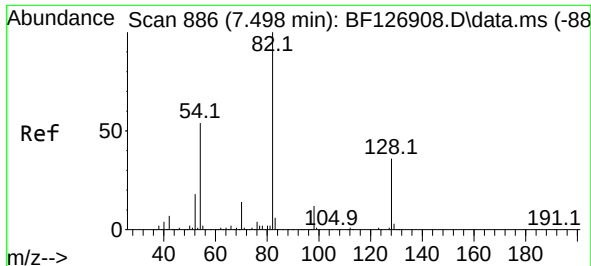
Tgt Ion: 70 Resp: 70560
Ion Ratio Lower Upper
70 100
42 42.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:136 Resp: 397702
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 7.8 11.6
68 6.0 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 58.203 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

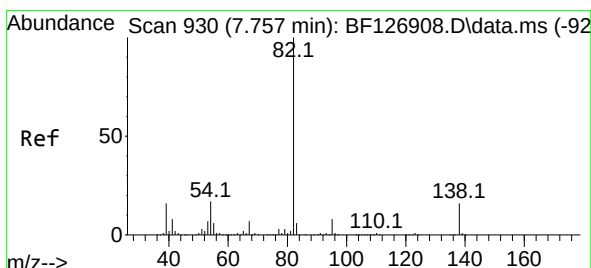
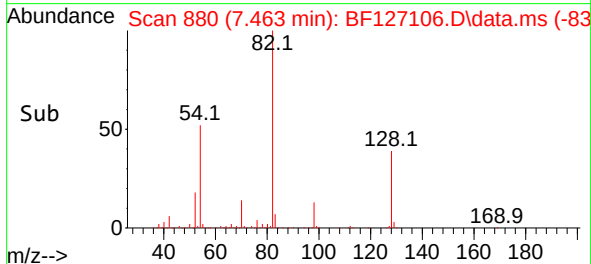
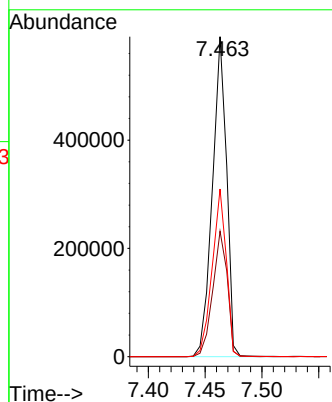
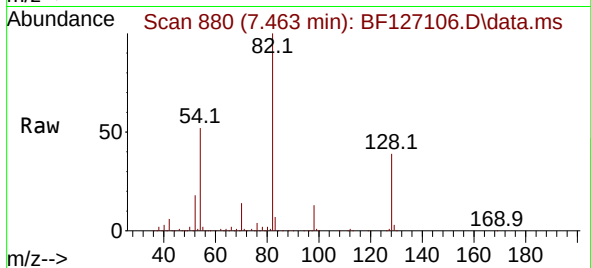
Tgt Ion: 82 Resp: 512822

Ion Ratio Lower Upper

82 100

128 39.2 32.7 49.1

54 52.4 41.7 62.5



#25

Isophorone

Concen: 35.173 ng

RT: 7.463 min Scan# 880

Delta R.T. -0.270 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

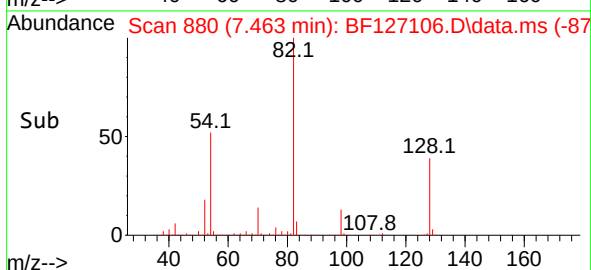
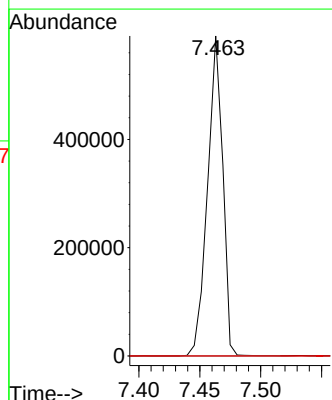
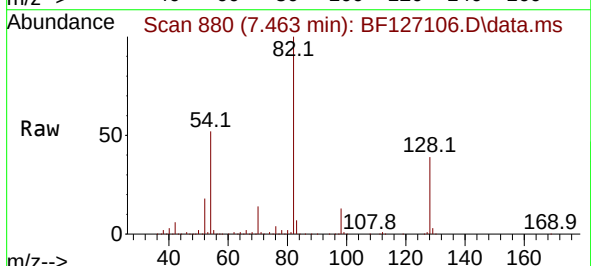
Tgt Ion: 82 Resp: 512815

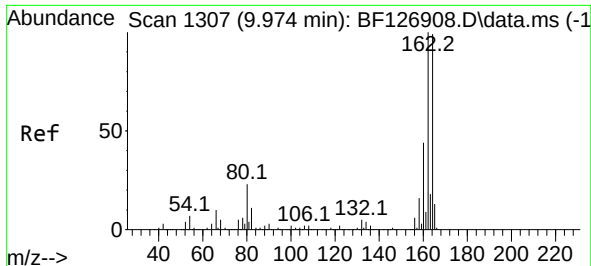
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

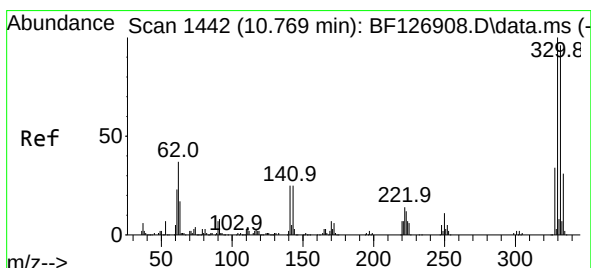
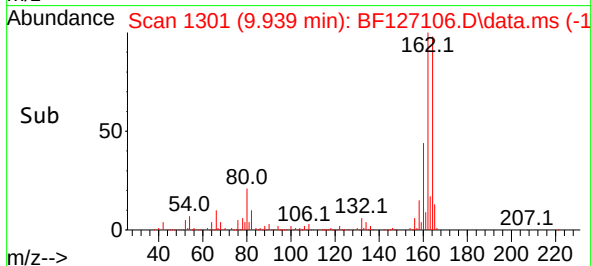
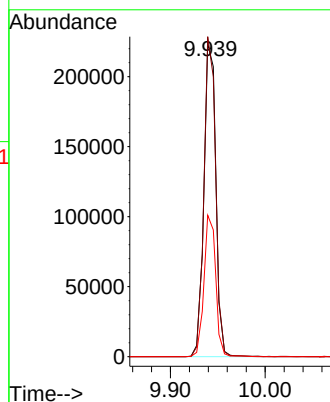
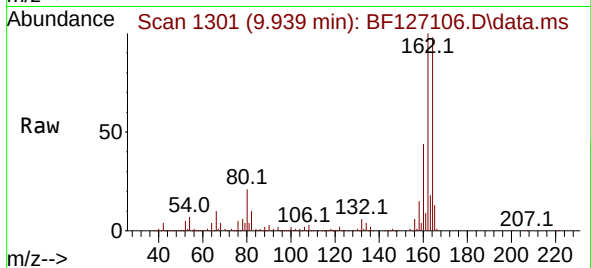
Tgt Ion:164 Resp: 196687

Ion Ratio Lower Upper

164 100

162 102.2 81.4 122.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 91.481 ng

RT: 10.733 min Scan# 1436

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

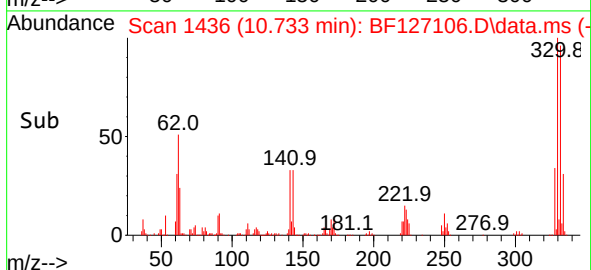
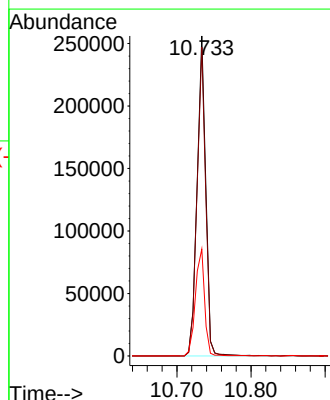
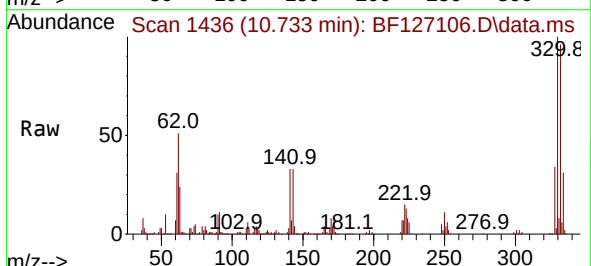
Tgt Ion:330 Resp: 207167

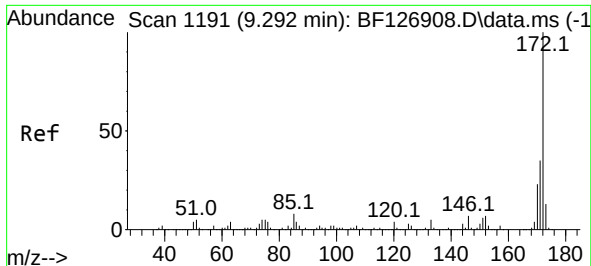
Ion Ratio Lower Upper

330 100

332 96.1 76.0 114.0

141 35.4 30.1 45.1

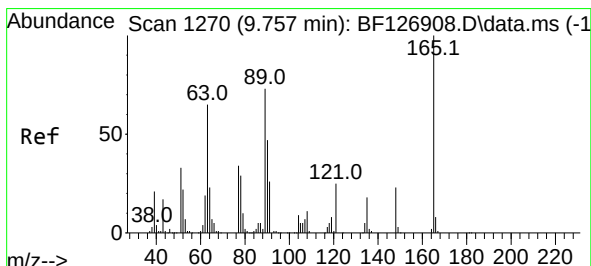
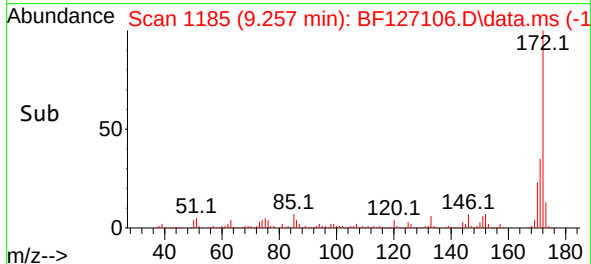
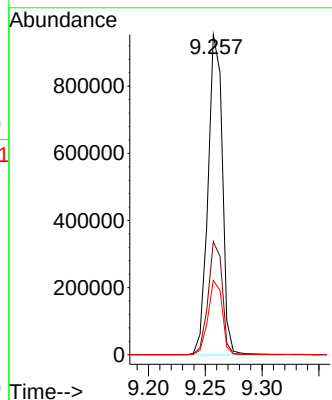
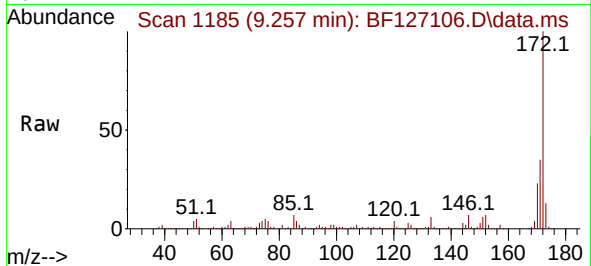




#45
2-Fluorobiphenyl
Concen: 62.431 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

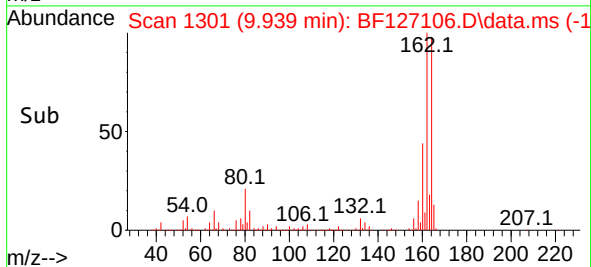
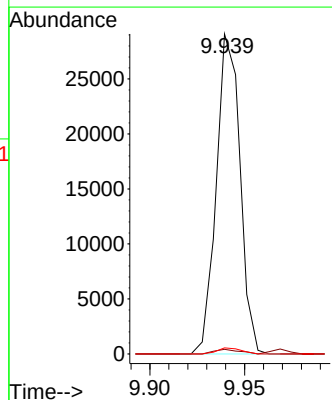
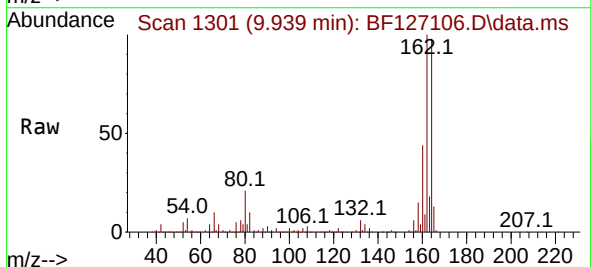
Instrument :
BNA_F
ClientSampleId :
TP-10

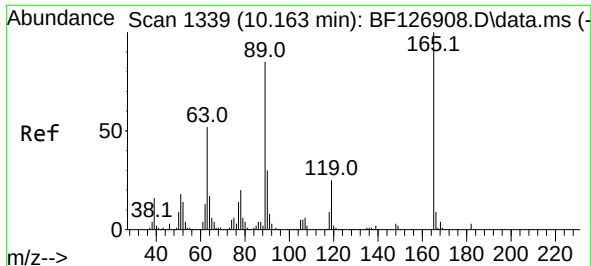
Tgt Ion:172 Resp: 834105
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.2 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.852 ng
RT: 9.939 min Scan# 1301
Delta R.T. 0.206 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:165 Resp: 25320
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.9 50.5 75.7#

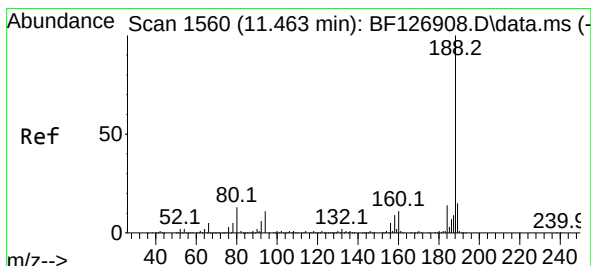
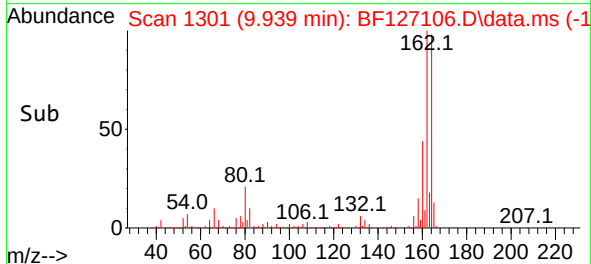
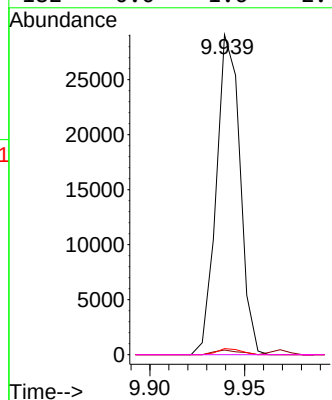
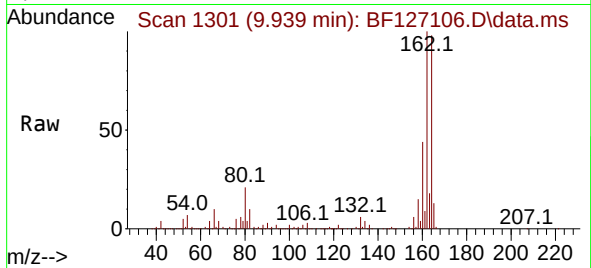




#57
2,4-Dinitrotoluene
Concen: 6.547 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

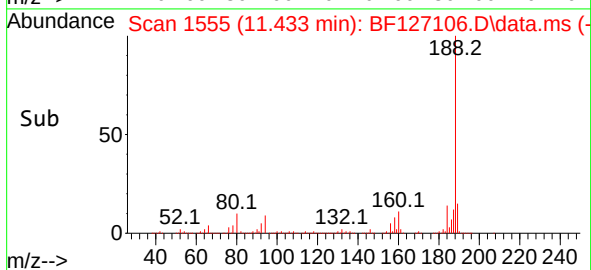
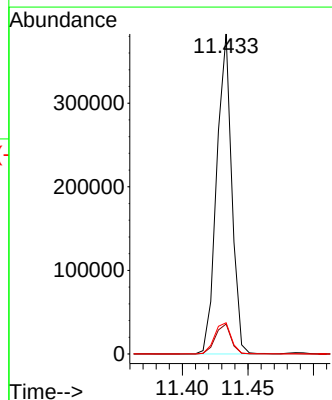
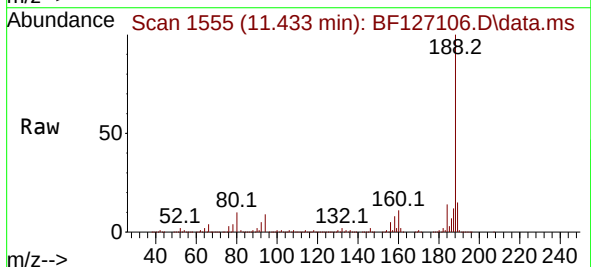
Instrument :
BNA_F
ClientSampleId :
TP-10

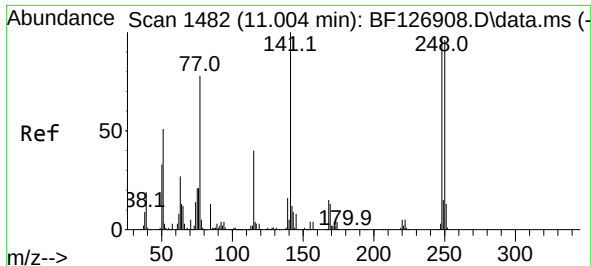
Tgt Ion:165 Resp: 25320
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.9 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:188 Resp: 305317
Ion Ratio Lower Upper
188 100
94 9.4 10.1 15.1#
80 9.8 11.8 17.6#





#67

4-Bromophenyl-phenylether

Concen: 3.546 ng

RT: 10.733 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

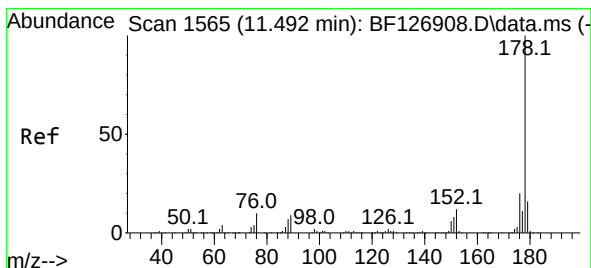
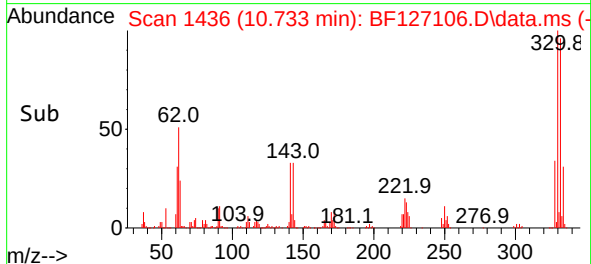
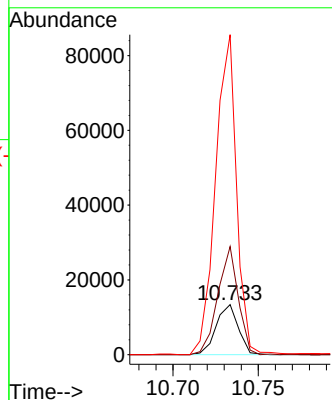
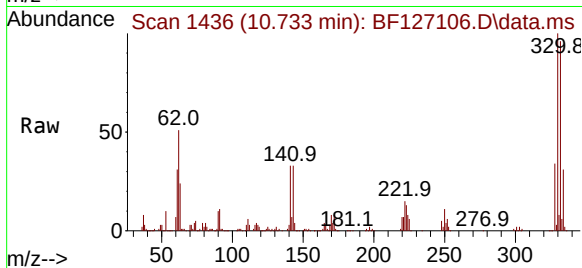
Tgt Ion:248 Resp: 12098

Ion Ratio Lower Upper

248 100

250 215.5 76.2 114.4#

141 637.8 66.2 99.4#



#71

Phenanthrene

Concen: 2.868 ng

RT: 11.457 min Scan# 1559

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

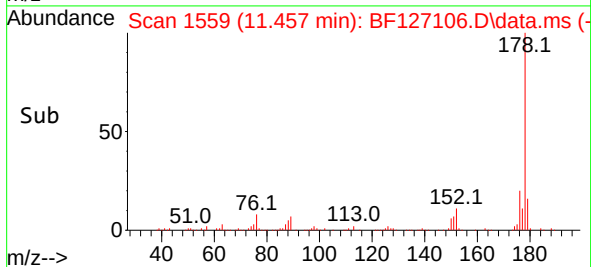
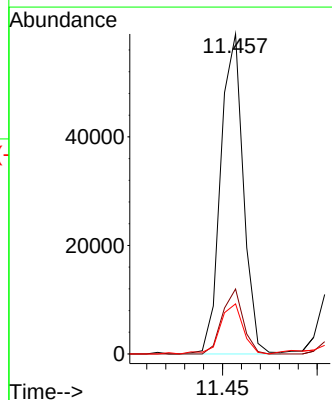
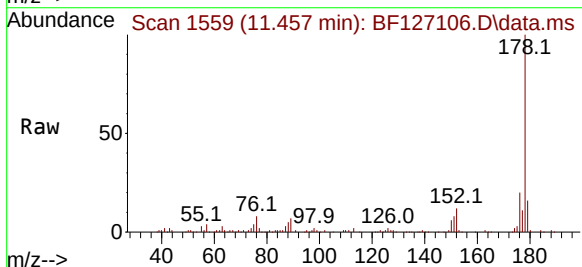
Tgt Ion:178 Resp: 49005

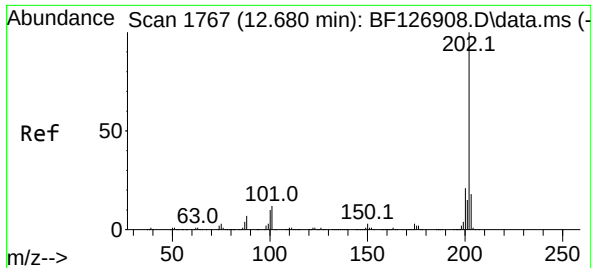
Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 15.7 12.3 18.5

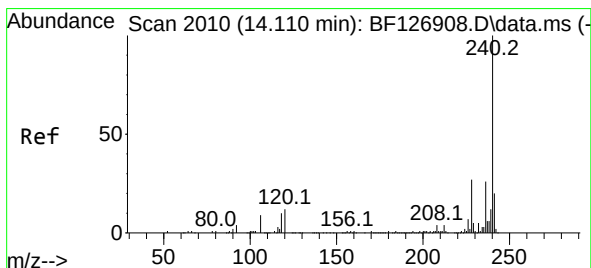
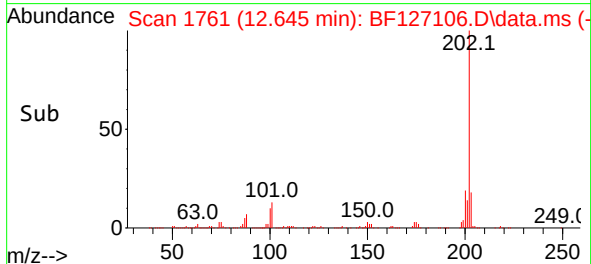
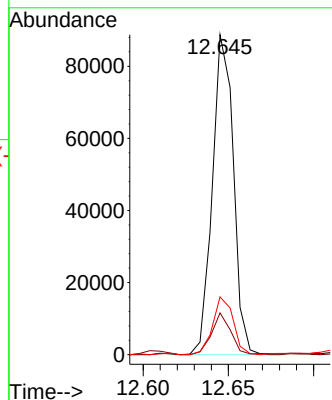
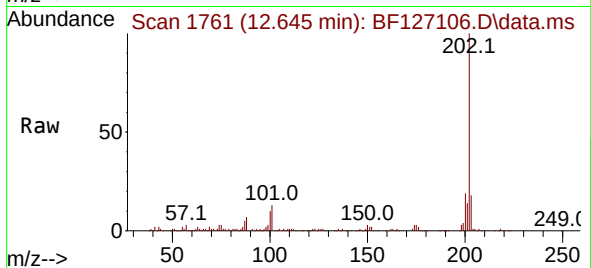




#75
Fluoranthene
Concen: 4.688 ng
RT: 12.645 min Scan# 1767
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

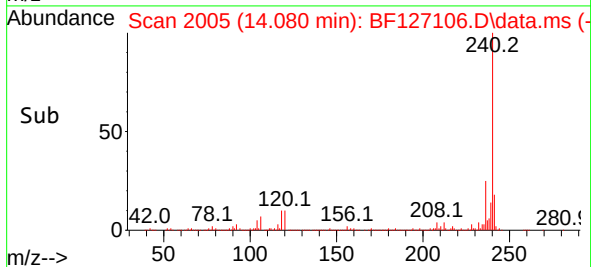
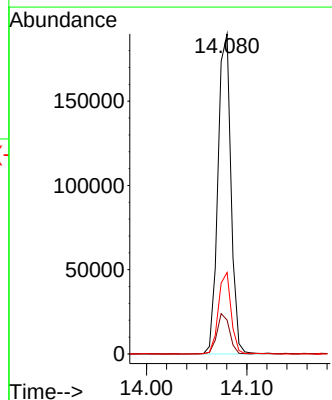
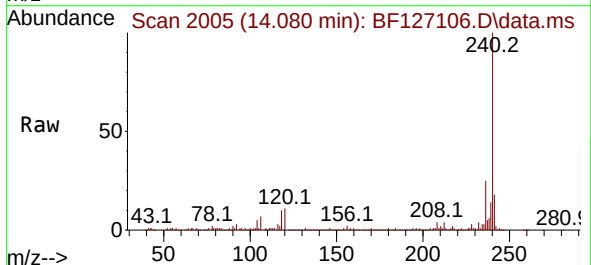
Instrument :
BNA_F
ClientSampleId :
TP-10

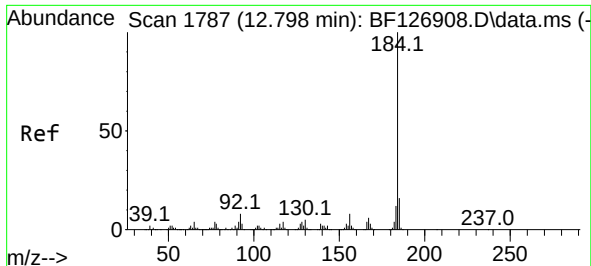
Tgt Ion:202 Resp: 76067
Ion Ratio Lower Upper
202 100
101 13.0 0.0 35.7
203 18.1 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. -0.006 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:240 Resp: 171338
Ion Ratio Lower Upper
240 100
120 10.6 14.4 21.6#
236 25.5 20.5 30.7





#77

Benzidine

Concen: 2.047 ng

RT: 13.016 min Scan# 1824

Delta R.T. 0.241 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

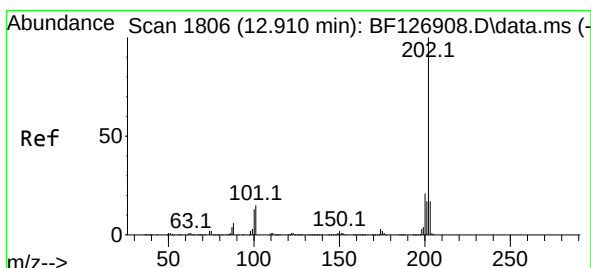
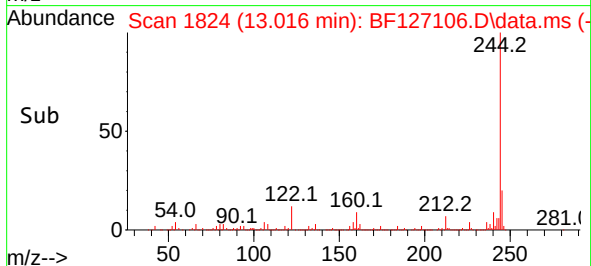
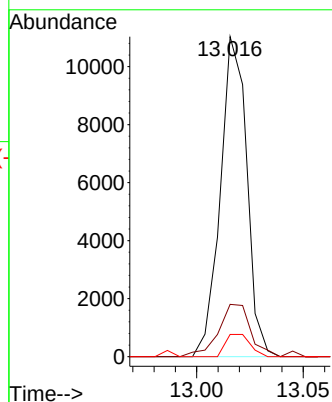
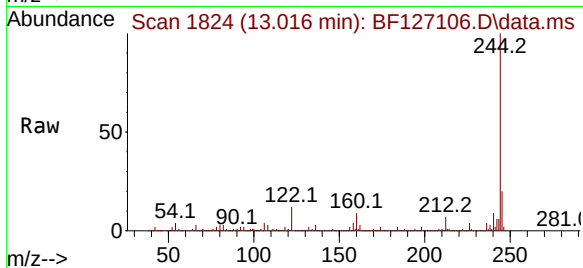
Tgt Ion:184 Resp: 9531

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 7.0 8.2 12.2#



#78

Pyrene

Concen: 4.958 ng

RT: 12.880 min Scan# 1801

Delta R.T. -0.012 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

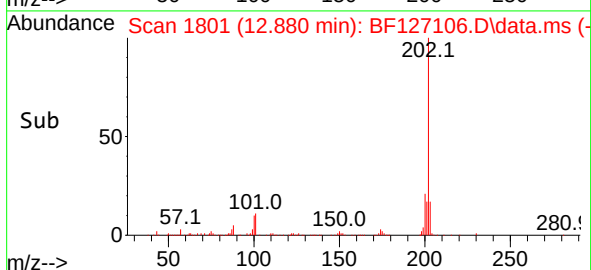
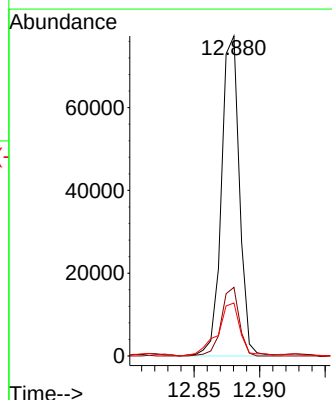
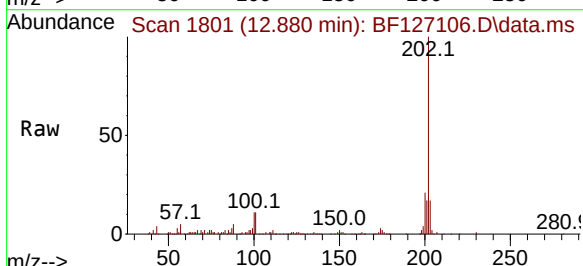
Tgt Ion:202 Resp: 73805

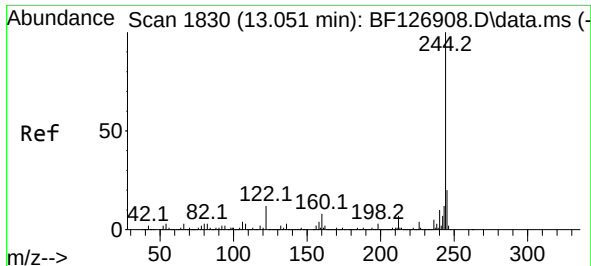
Ion Ratio Lower Upper

202 100

200 21.4 16.6 24.8

203 16.6 13.8 20.8

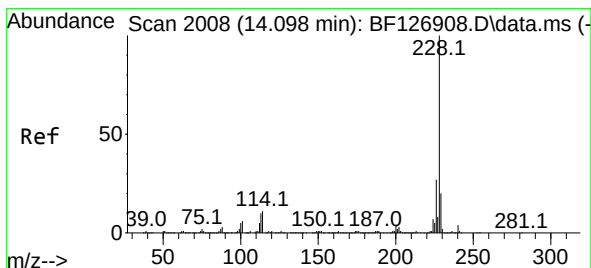
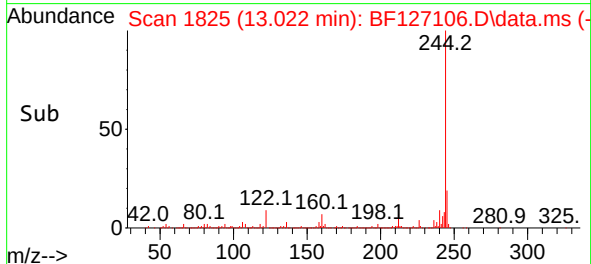
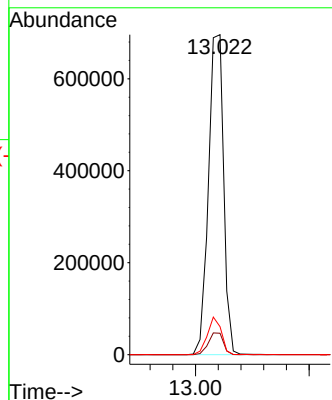
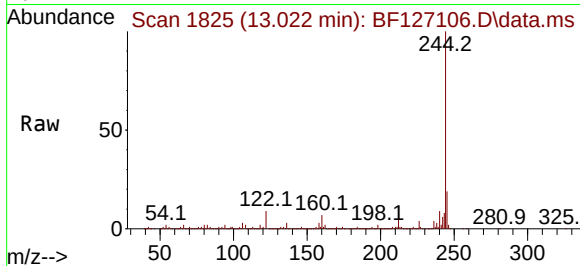




#79
 Terphenyl-d14
 Concen: 55.288 ng
 RT: 13.022 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13

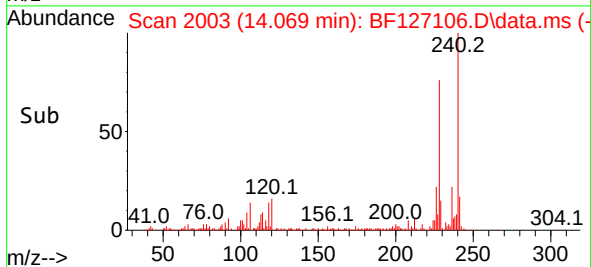
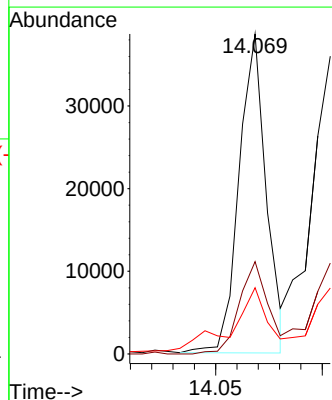
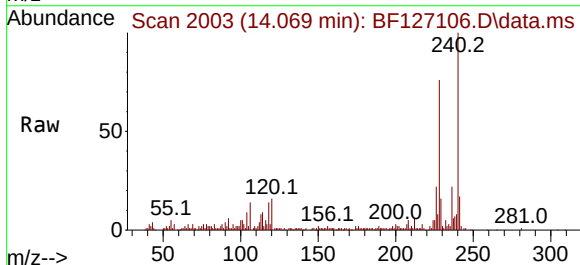
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

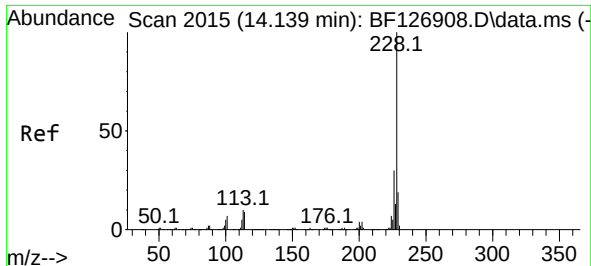
Tgt Ion:244 Resp: 644401
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.0 7.4
 122 8.8 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 2.967 ng
 RT: 14.069 min Scan# 2003
 Delta R.T. -0.012 min
 Lab File: BF127106.D
 Acq: 28 Feb 2022 18:13

Tgt Ion:228 Resp: 34271
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.4 32.0
 229 20.7 15.4 23.2

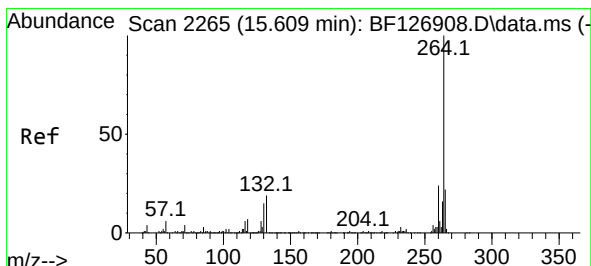
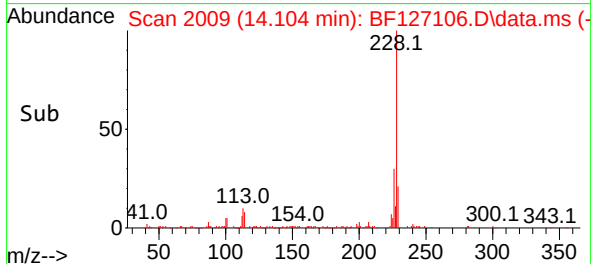
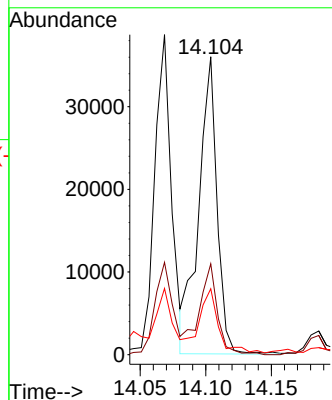
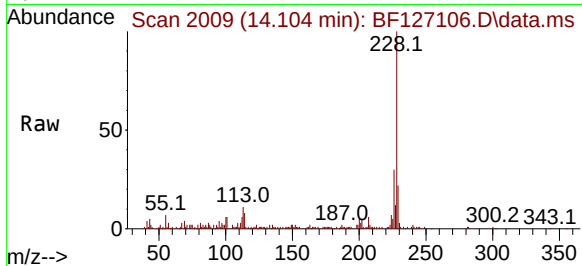




#83
Chrysene
Concen: 3.242 ng
RT: 14.104 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

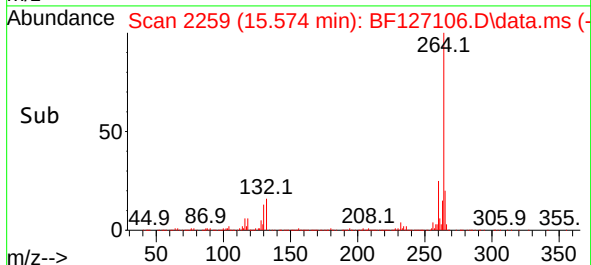
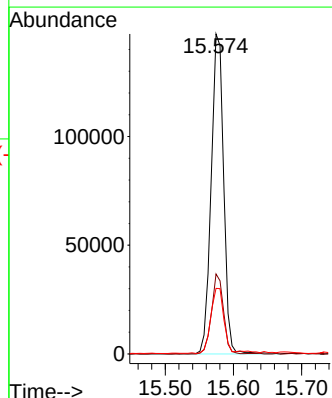
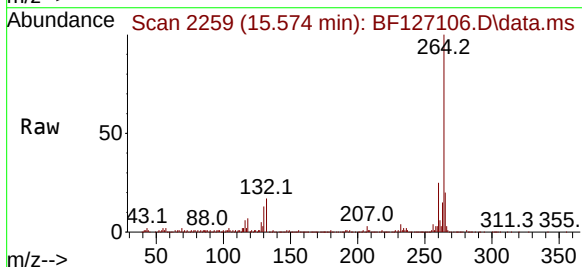
Instrument :
BNA_F
ClientSampleId :
TP-10

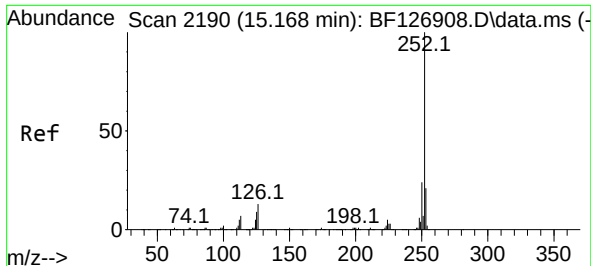
Tgt Ion:228 Resp: 35211
Ion Ratio Lower Upper
228 100
226 30.5 23.7 35.5
229 22.1 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.574 min Scan# 2259
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:264 Resp: 187859
Ion Ratio Lower Upper
264 100
260 25.0 19.2 28.8
265 20.5 17.4 26.2

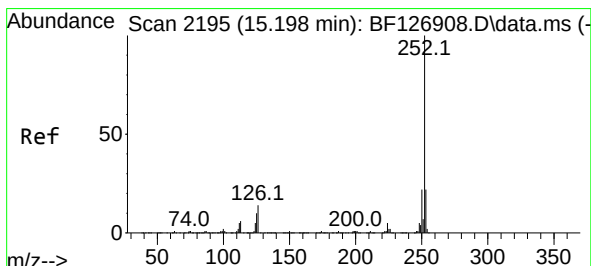
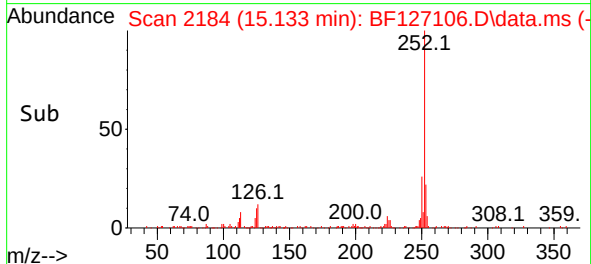
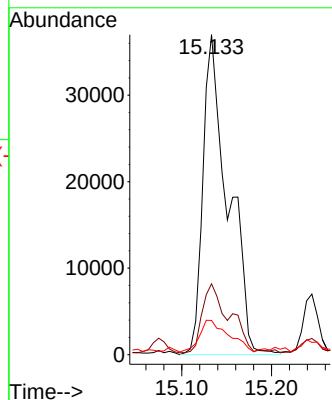
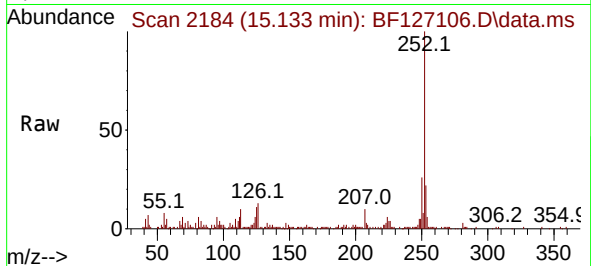




#88
Benzo(b)fluoranthene
Concen: 5.720 ng
RT: 15.133 min Scan# 2190
Delta R.T. -0.012 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

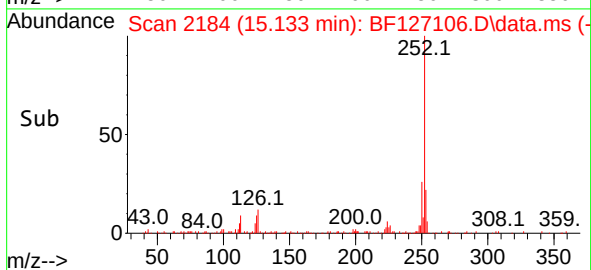
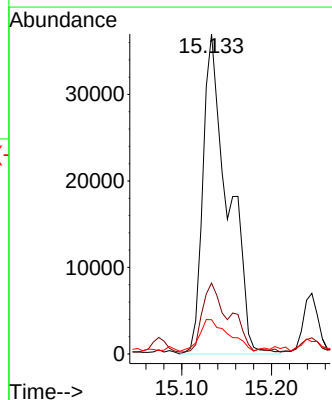
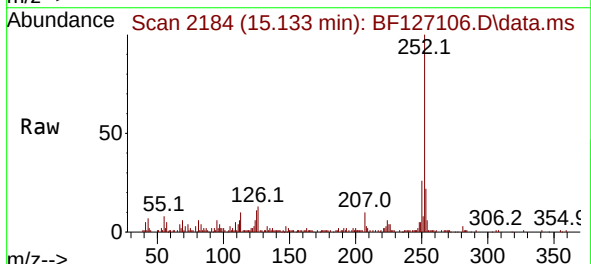
Instrument :
BNA_F
ClientSampleId :
TP-10

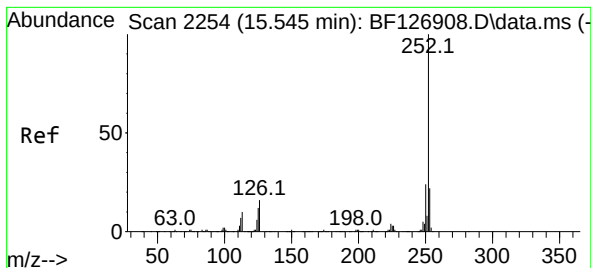
Tgt Ion:252 Resp: 72171
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 10.7 12.4 18.6#



#89
Benzo(k)fluoranthene
Concen: 5.930 ng
RT: 15.133 min Scan# 2184
Delta R.T. -0.041 min
Lab File: BF127106.D
Acq: 28 Feb 2022 18:13

Tgt Ion:252 Resp: 72171
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 10.7 11.8 17.6#





#90

Benzo(a)pyrene

Concen: 2.932 ng

RT: 15.445 min Scan# 21

Delta R.T. -0.076 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Instrument :

BNA_F

ClientSampleId :

TP-10

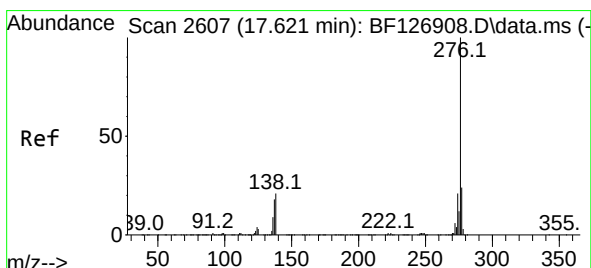
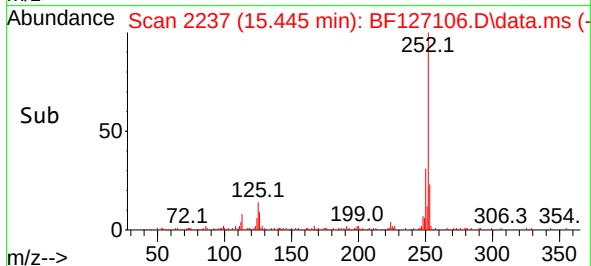
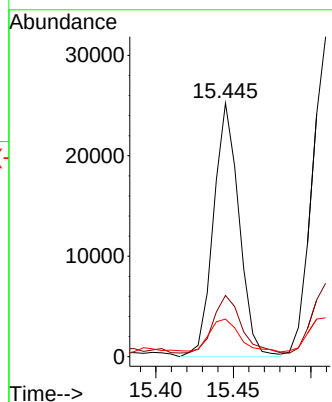
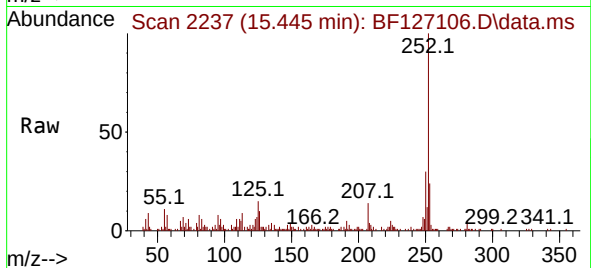
Tgt Ion:252 Resp: 28895

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 14.8 13.0 19.6



#92

Benzo(g,h,i)perylene

Concen: 2.032 ng

RT: 17.545 min Scan# 2594

Delta R.T. -0.035 min

Lab File: BF127106.D

Acq: 28 Feb 2022 18:13

Tgt Ion:276 Resp: 20407

Ion Ratio Lower Upper

276 100

277 24.6 18.5 27.7

138 16.7 25.9 38.9#

