

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127181.D
 Acq On : 03 Mar 2022 20:00
 Operator : CG\JU
 Sample : N1751-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-12

Quant Time: Mar 04 02:14:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

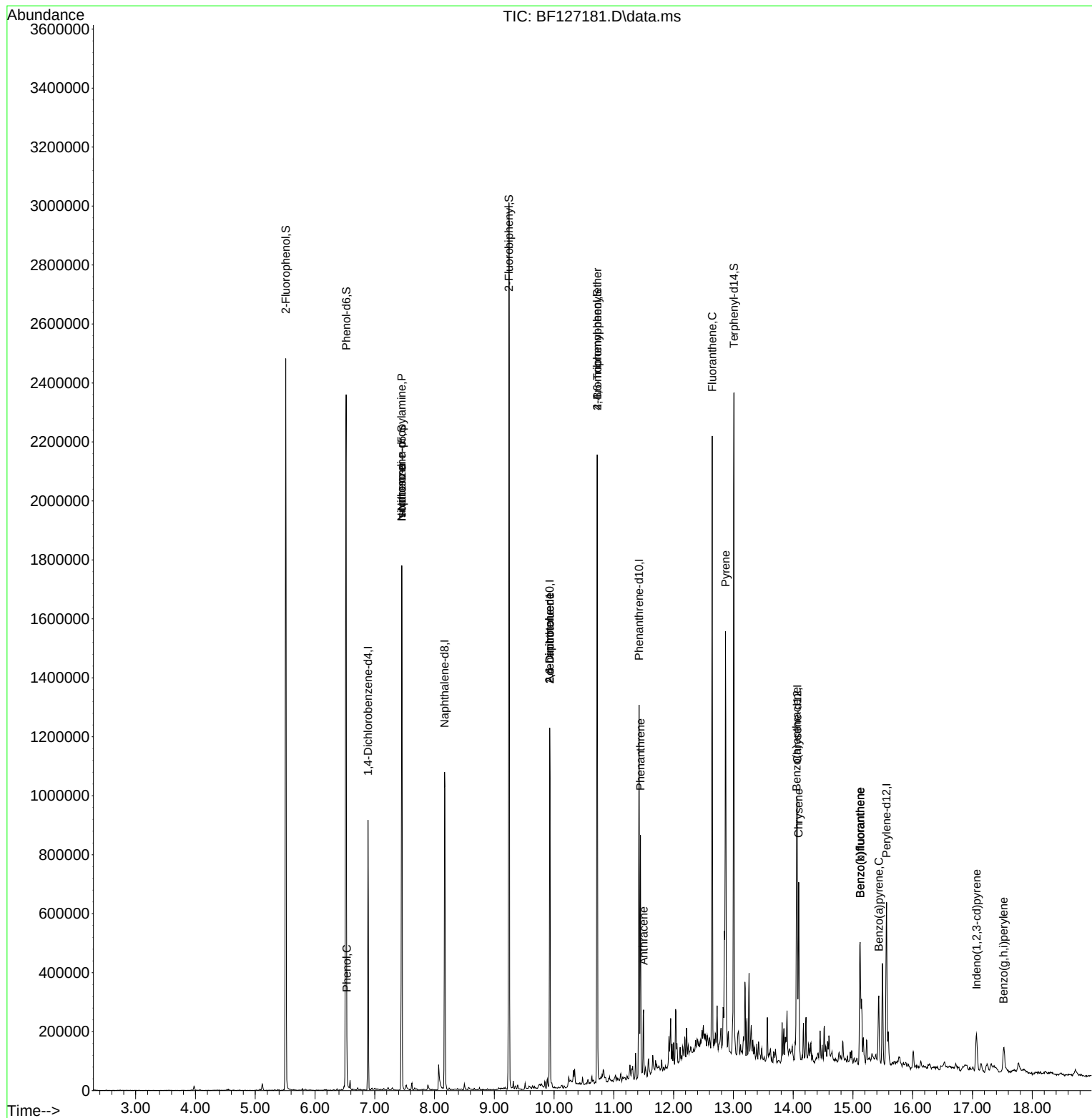
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	117366	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	477281	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	238103	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	401014	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	199328	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	212367	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	621162	81.800	ng	0.00
7) Phenol-d6	6.522	99	845728	82.538	ng	0.00
23) Nitrobenzene-d5	7.451	82	576026	54.476	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	236938	86.429	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	866307	53.562	ng	0.00
79) Terphenyl-d14	13.010	244	721812	53.233	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.534	94	35161	3.396	ng	89
19) n-Nitroso-di-n-propyla...	7.451	70	78941	11.956	ng	# 76
25) Isophorone	7.451	82	576019	32.921	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	30723	8.873	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	30723	6.562	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	13459	3.004	ng	# 1
71) Phenanthrene	11.445	178	251691	11.213	ng	98
72) Anthracene	11.498	178	84664	3.789	ng	97
75) Fluoranthene	12.645	202	676518	31.743	ng	95
78) Pyrene	12.868	202	533543	30.810	ng	99
81) Benzo(a)anthracene	14.057	228	242489	18.045	ng	99
83) Chrysene	14.092	228	200326	15.853	ng	97
87) Indeno(1,2,3-cd)pyrene	17.068	276	79292	5.694	ng	# 86
88) Benzo(b)fluoranthene	15.121	252	309815	21.721	ng	# 95
89) Benzo(k)fluoranthene	15.121	252	309815	22.520	ng	# 95
90) Benzo(a)pyrene	15.433	252	102692	9.217	ng	97
92) Benzo(g,h,i)perylene	17.521	276	72133	6.353	ng	# 90

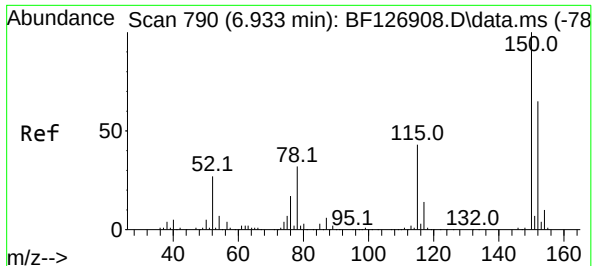
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
Data File : BF127181.D
Acq On : 03 Mar 2022 20:00
Operator : CG\JU
Sample : N1751-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DUM-12

Quant Time: Mar 04 02:14:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 01 23:57:09 2022
Response via : Initial Calibration

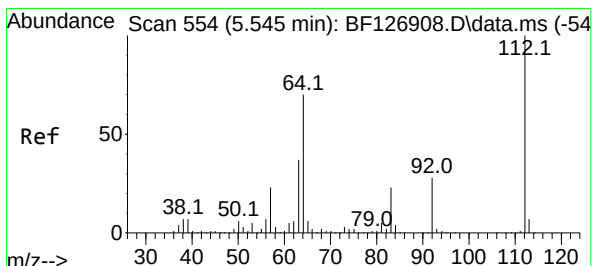
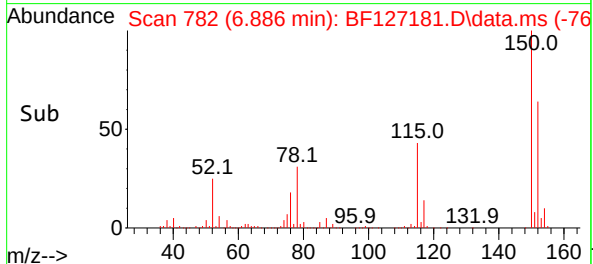
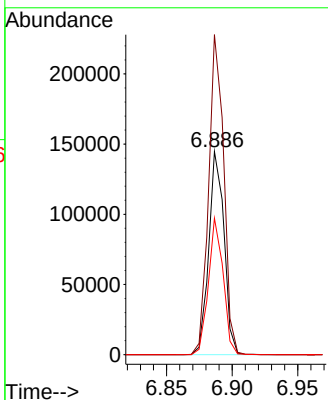
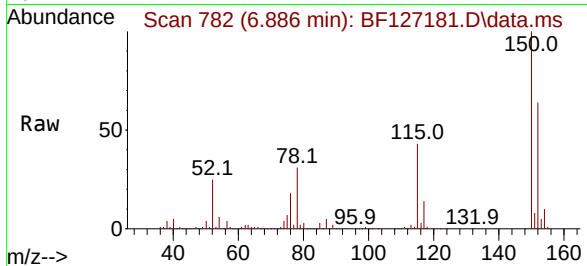




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 71
Delta R.T. -0.007 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

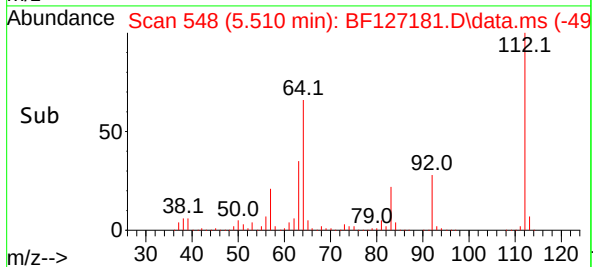
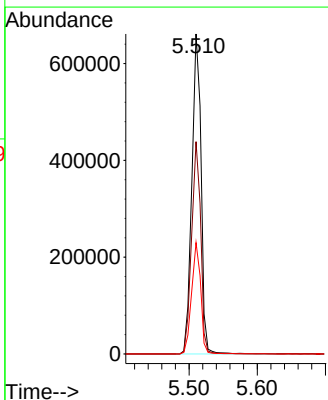
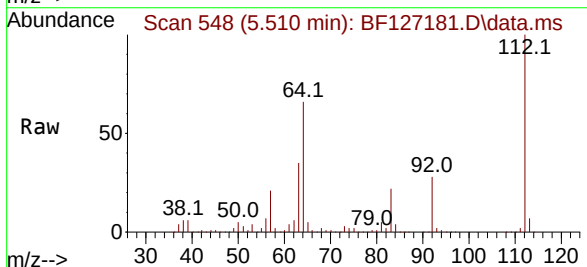
Instrument :
BNA_F
ClientSampleId :
DUM-12

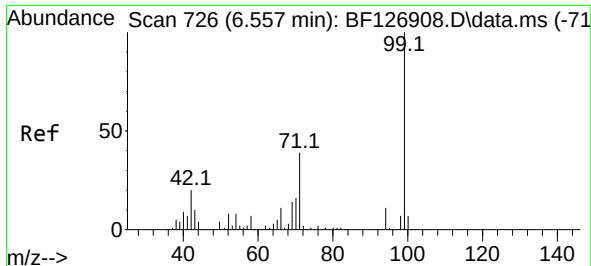
Tgt Ion:152 Resp: 117366
Ion Ratio Lower Upper
152 100
150 157.5 128.1 192.1
115 67.2 56.7 85.1



#5
2-Fluorophenol
Concen: 81.800 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:112 Resp: 621162
Ion Ratio Lower Upper
112 100
64 66.4 49.5 74.3
63 34.8 23.9 35.9





#7

Phenol-d6

Concen: 82.538 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

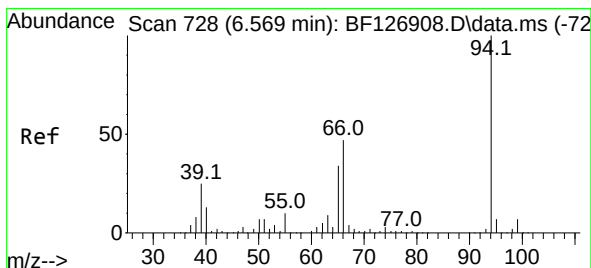
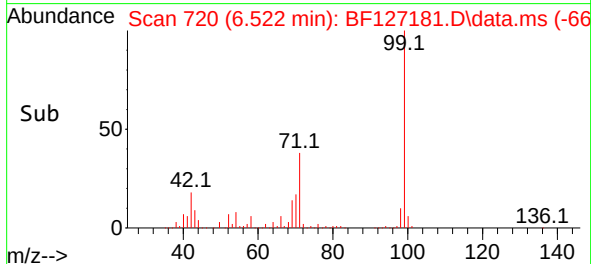
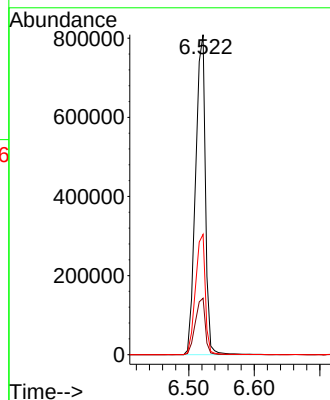
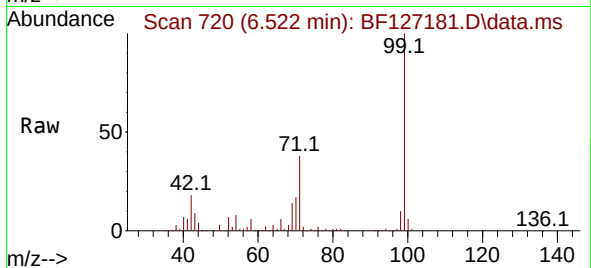
Tgt Ion: 99 Resp: 845728

Ion Ratio Lower Upper

99 100

42 17.7 14.2 21.4

71 37.6 24.3 36.5#



#10

Phenol

Concen: 3.396 ng

RT: 6.534 min Scan# 722

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

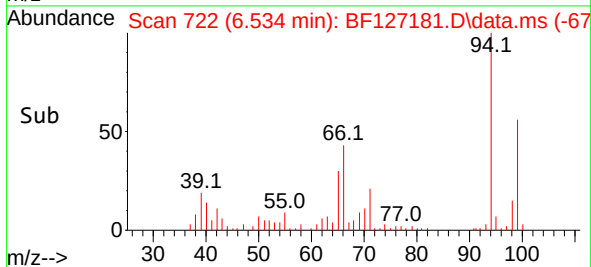
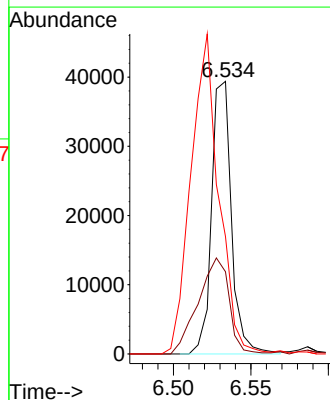
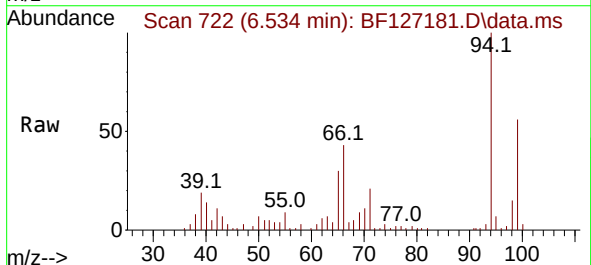
Tgt Ion: 94 Resp: 35161

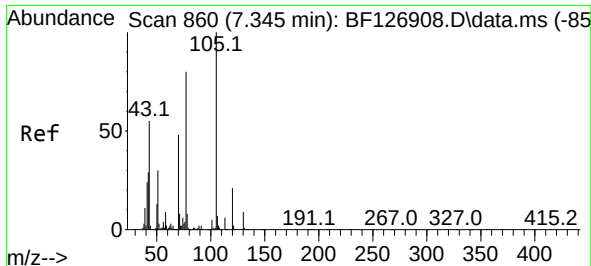
Ion Ratio Lower Upper

94 100

65 30.2 7.2 47.2

66 43.1 14.5 54.5

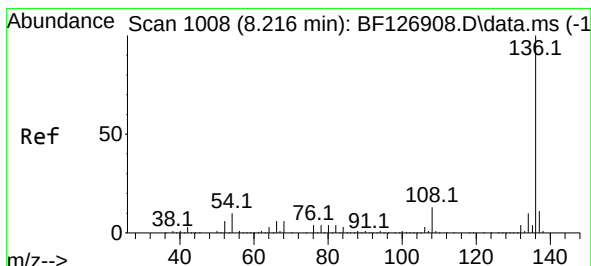
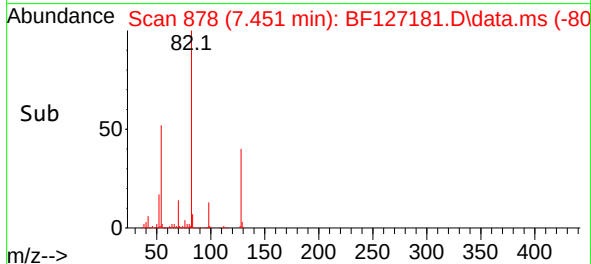
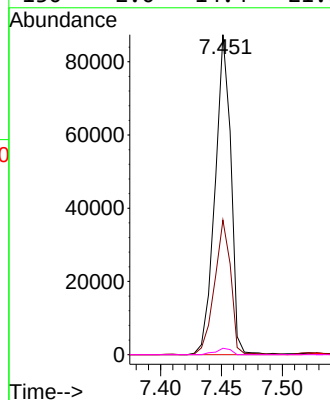
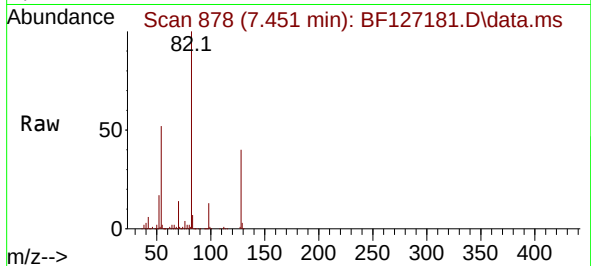




#19
n-Nitroso-di-n-propylamine
Concen: 11.956 ng
RT: 7.451 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

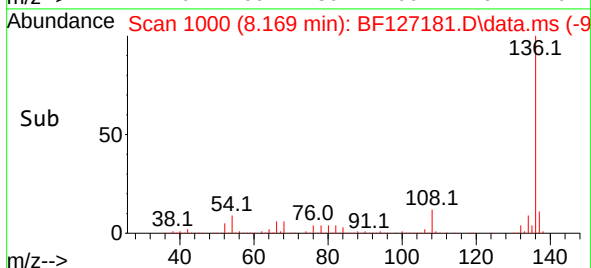
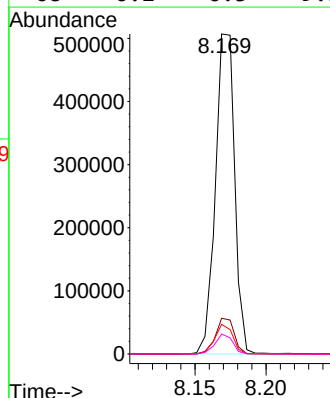
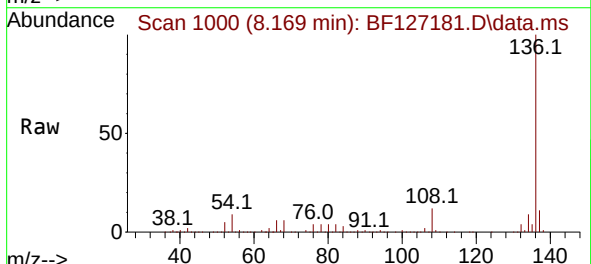
Instrument :
BNA_F
ClientSampleId :
DUM-12

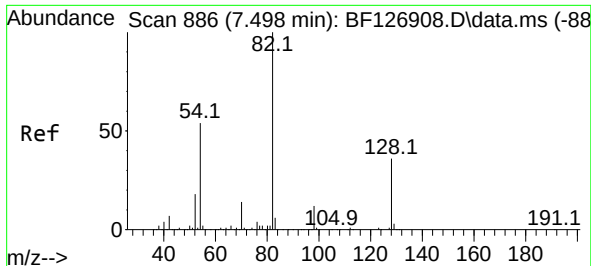
Tgt Ion: 70 Resp: 78941
Ion Ratio Lower Upper
70 100
42 42.1 45.8 68.8#
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion: 136 Resp: 477281
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.3 7.8 11.6
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 54.476 ng

RT: 7.451 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

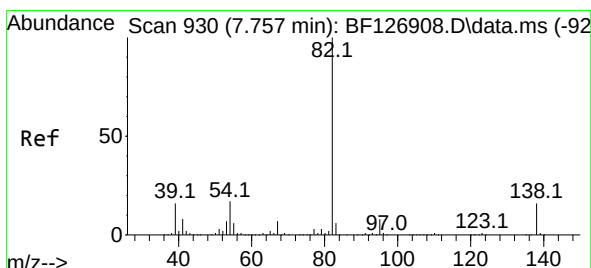
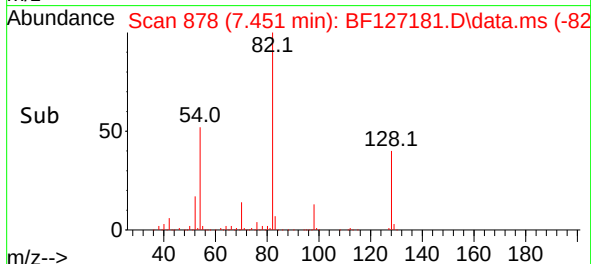
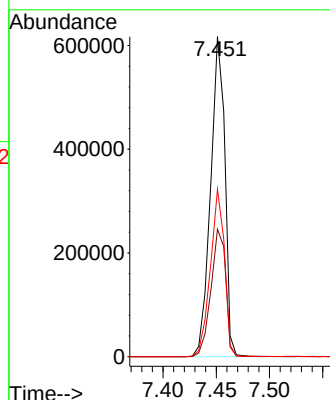
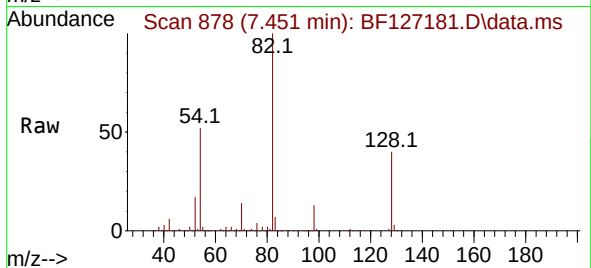
Tgt Ion: 82 Resp: 576026

Ion Ratio Lower Upper

82 100

128 39.9 32.7 49.1

54 52.3 41.7 62.5



#25

Isophorone

Concen: 32.921 ng

RT: 7.451 min Scan# 878

Delta R.T. -0.265 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

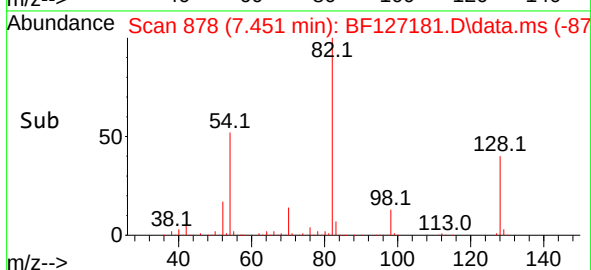
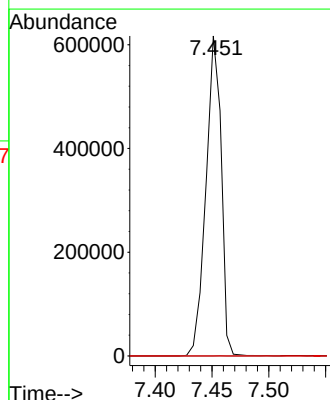
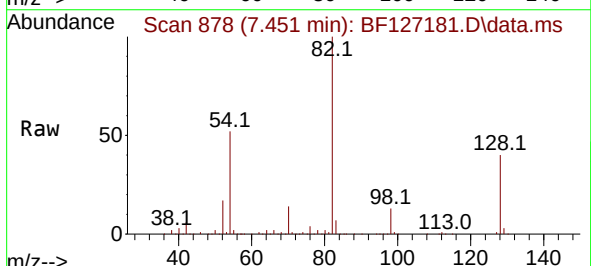
Tgt Ion: 82 Resp: 576019

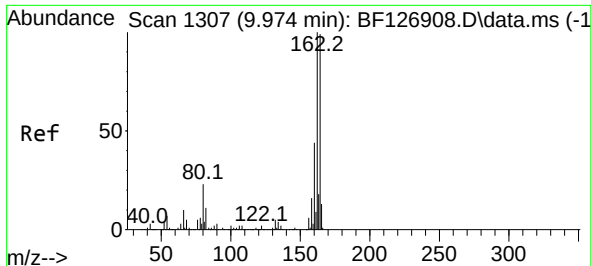
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

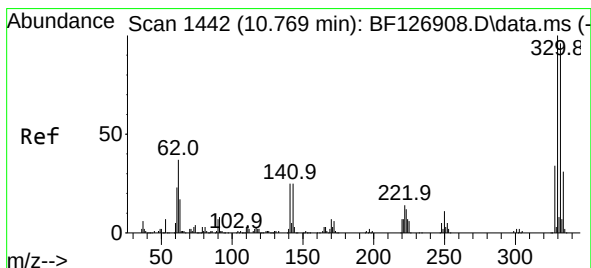
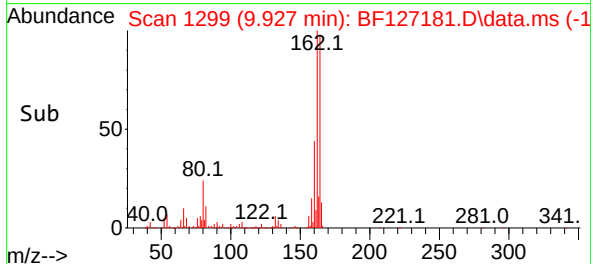
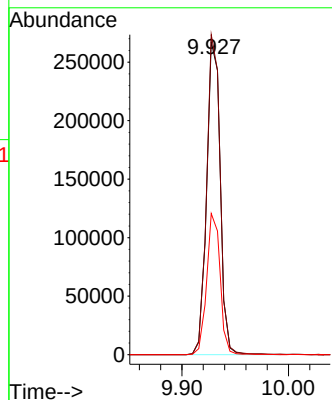
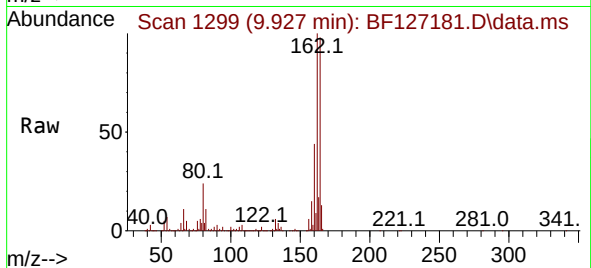




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

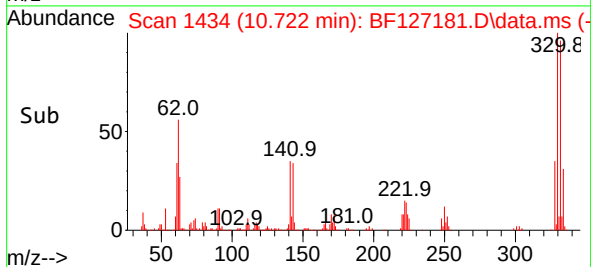
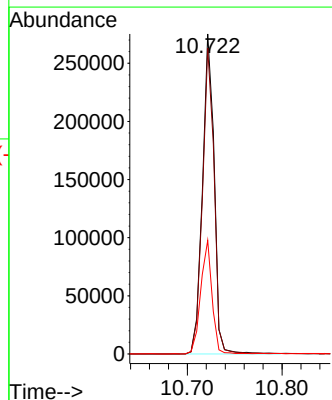
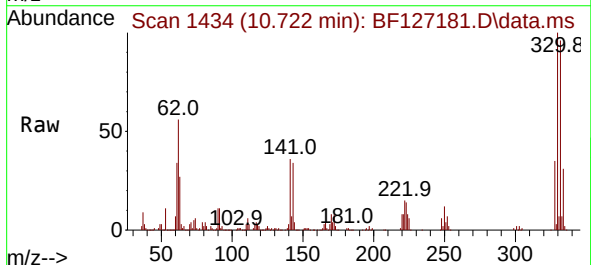
Instrument :
BNA_F
ClientSampleId :
DUM-12

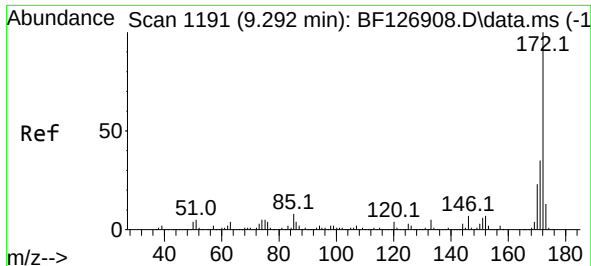
Tgt Ion:164 Resp: 238103
Ion Ratio Lower Upper
164 100
162 102.3 81.4 122.0
160 45.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 86.429 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:330 Resp: 236938
Ion Ratio Lower Upper
330 100
332 95.4 76.0 114.0
141 34.5 30.1 45.1

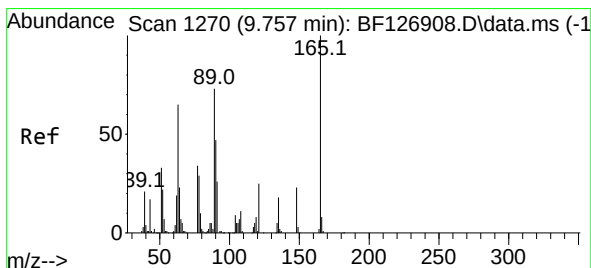
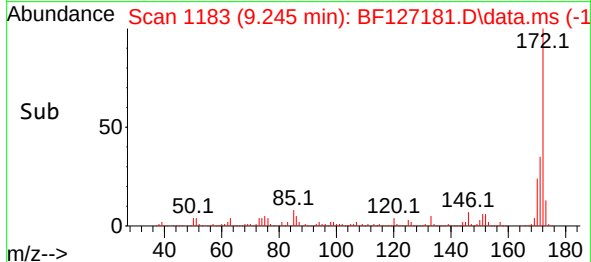
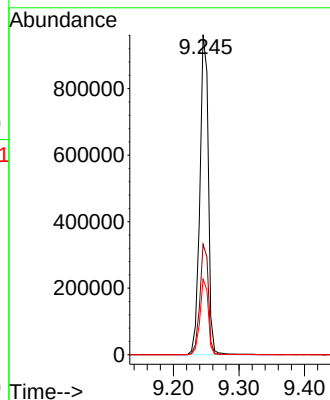
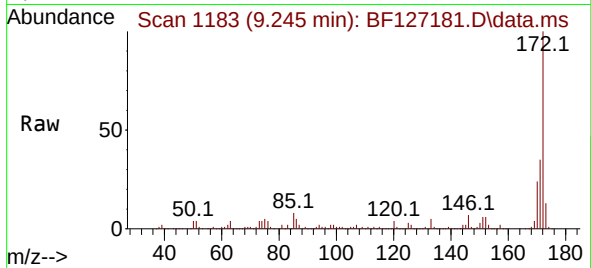




#45
2-Fluorobiphenyl
Concen: 53.562 ng
RT: 9.245 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

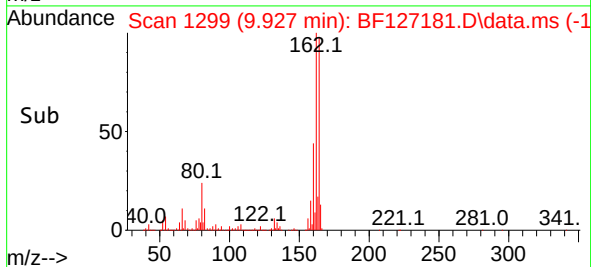
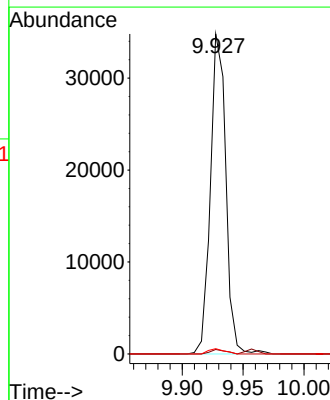
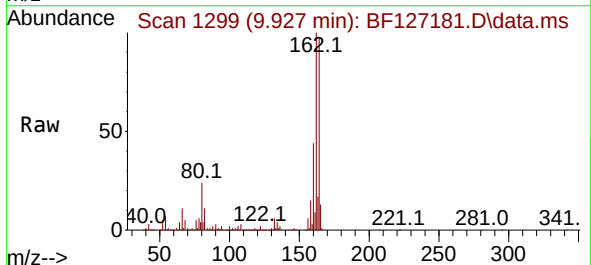
Instrument :
BNA_F
ClientSampleId :
DUM-12

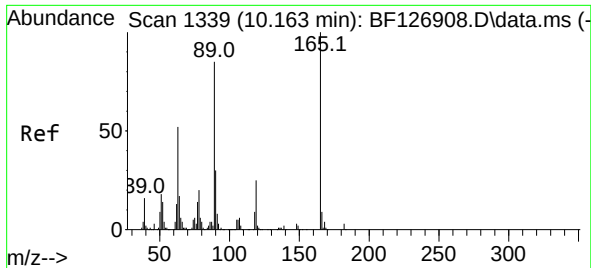
Tgt Ion:172 Resp: 866307
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.873 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:165 Resp: 30723
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.7 50.5 75.7#

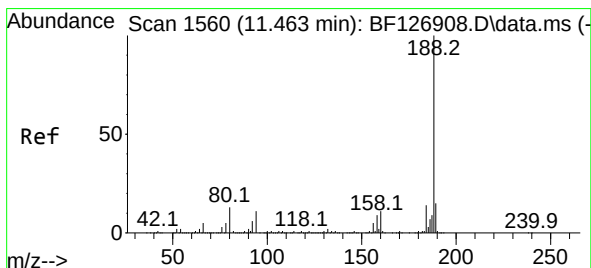
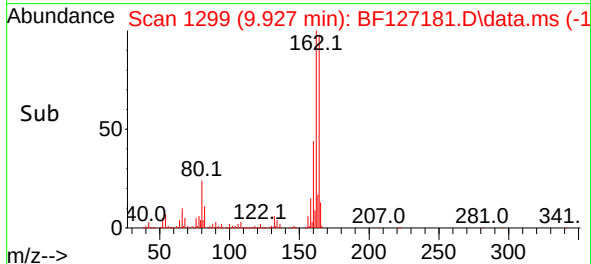
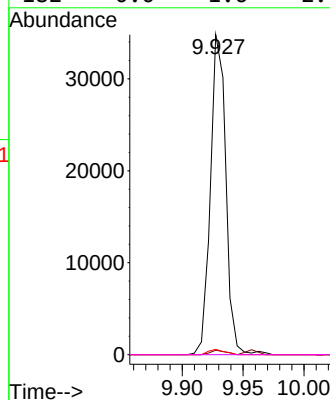
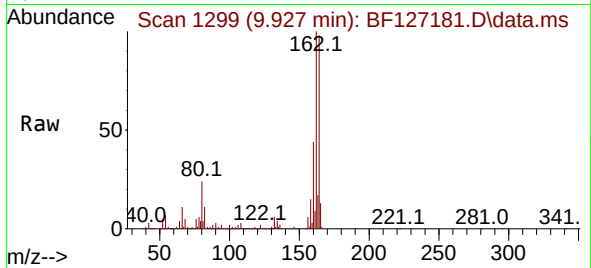




#57
2,4-Dinitrotoluene
Concen: 6.562 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

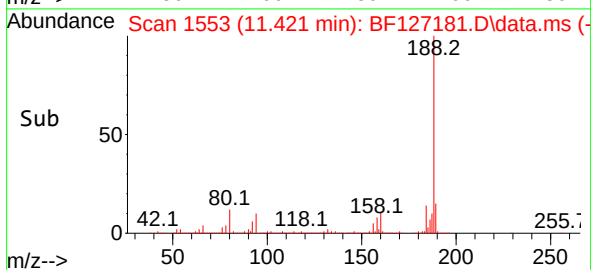
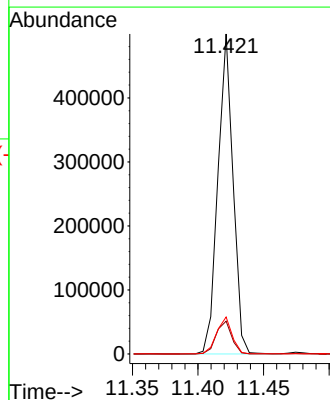
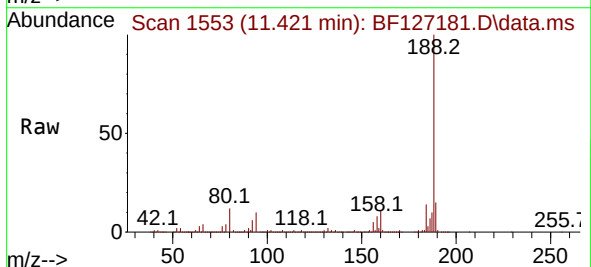
Instrument :
BNA_F
ClientSampleId :
DUM-12

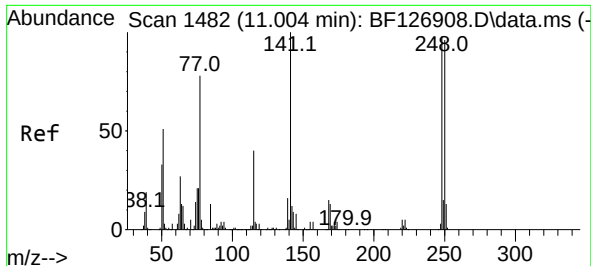
Tgt Ion:165 Resp: 30723
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.7 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:188 Resp: 401014
Ion Ratio Lower Upper
188 100
94 10.2 10.1 15.1
80 11.6 11.8 17.6#

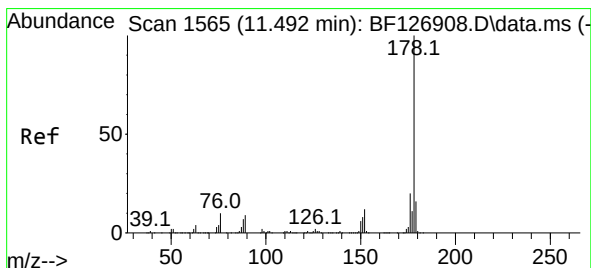
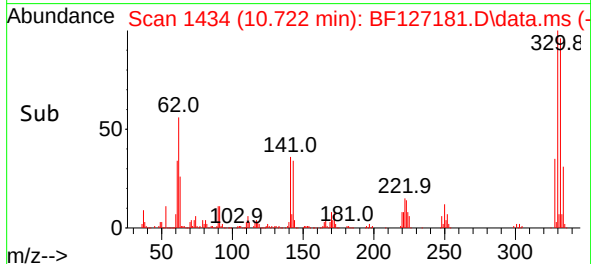
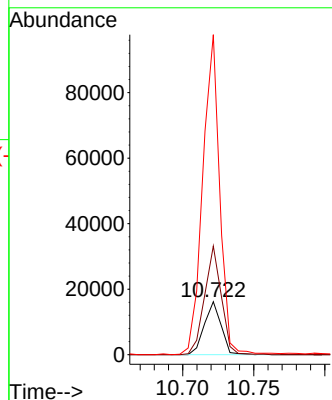
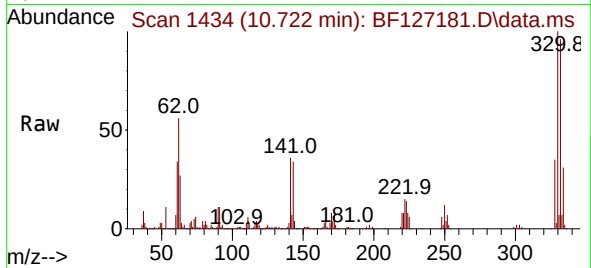




#67
4-Bromophenyl-phenylether
Concen: 3.004 ng
RT: 10.722 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

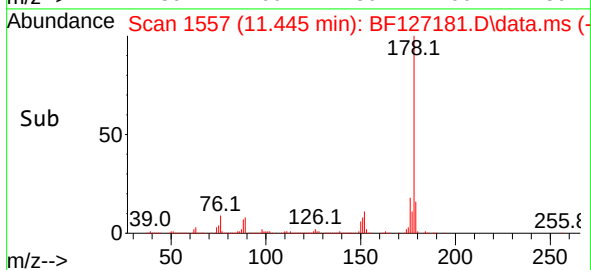
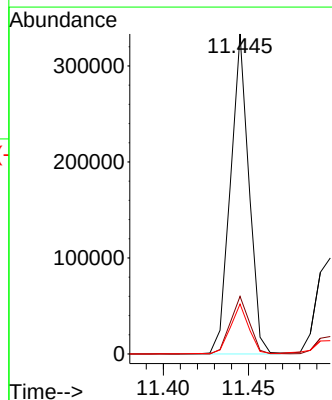
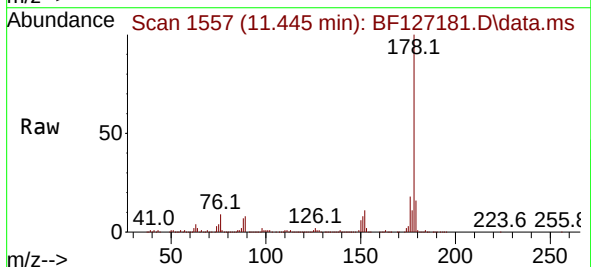
Instrument :
BNA_F
ClientSampleId :
DUM-12

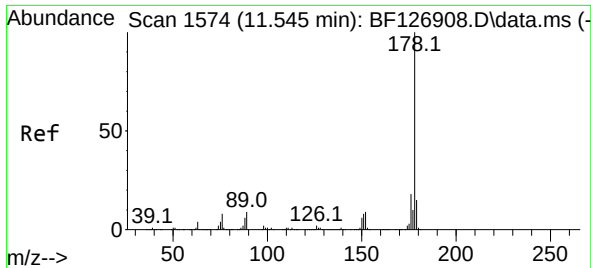
Tgt Ion:248 Resp: 13459
Ion Ratio Lower Upper
248 100
250 204.7 76.2 114.4#
141 603.3 66.2 99.4#



#71
Phenanthrene
Concen: 11.213 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:178 Resp: 251691
Ion Ratio Lower Upper
178 100
176 18.0 15.7 23.5
179 15.6 12.3 18.5

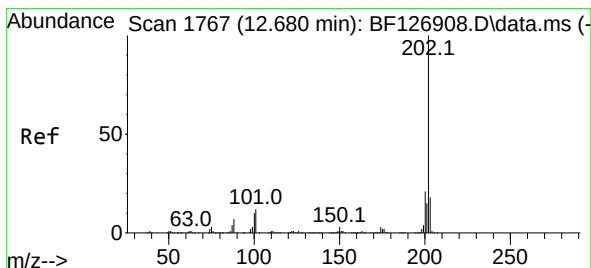
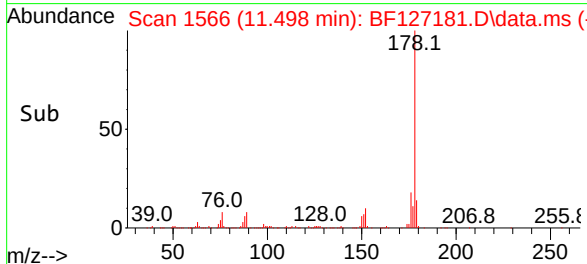
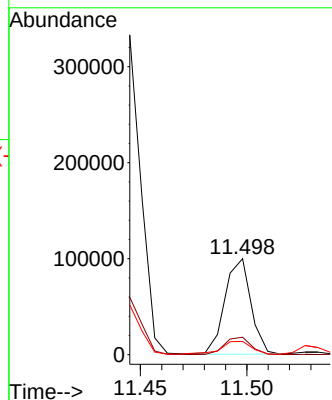
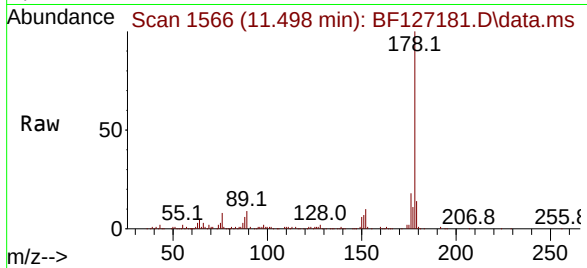




#72
 Anthracene
 Concen: 3.789 ng
 RT: 11.498 min Scan# 1566
 Delta R.T. -0.006 min
 Lab File: BF127181.D
 Acq: 03 Mar 2022 20:00

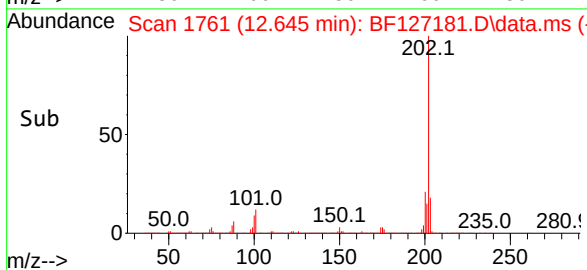
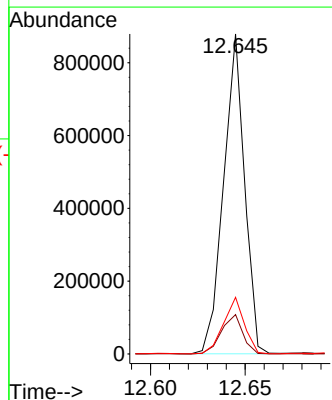
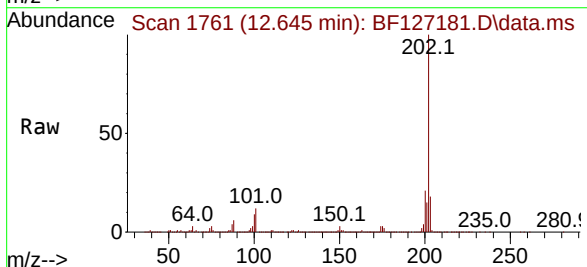
Instrument :
 BNA_F
 ClientSampleId :
 DUM-12

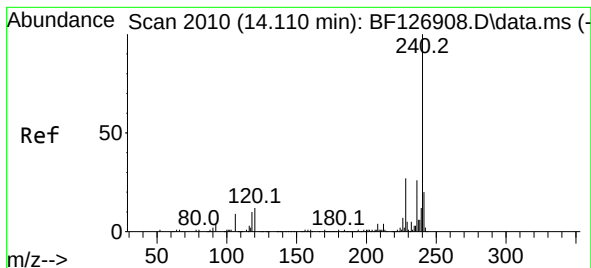
Tgt Ion:178 Resp: 84664
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.0 22.6
 179 13.8 12.5 18.7



#75
 Fluoranthene
 Concen: 31.743 ng
 RT: 12.645 min Scan# 1761
 Delta R.T. -0.000 min
 Lab File: BF127181.D
 Acq: 03 Mar 2022 20:00

Tgt Ion:202 Resp: 676518
 Ion Ratio Lower Upper
 202 100
 101 12.3 0.0 35.7
 203 17.7 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

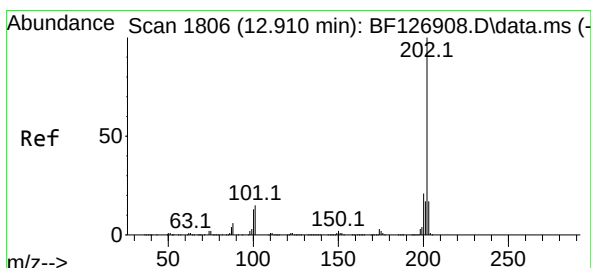
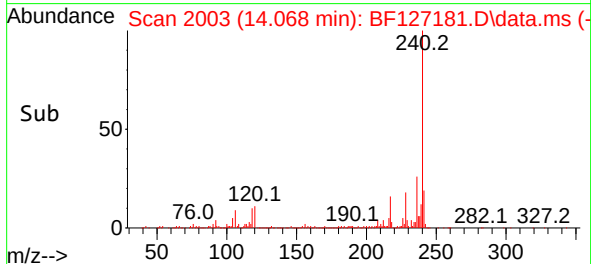
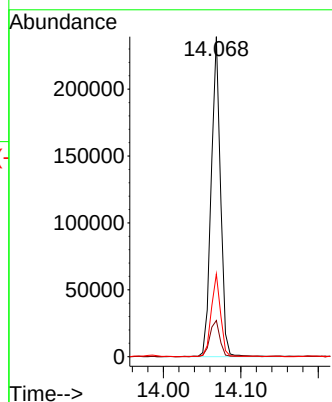
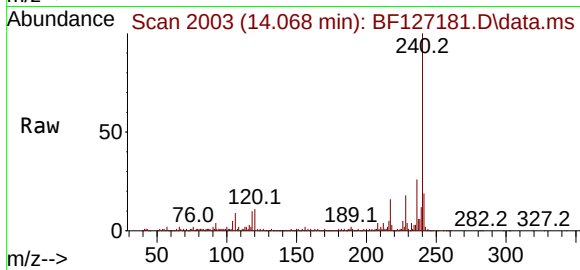
Tgt Ion:240 Resp: 199328

Ion Ratio Lower Upper

240 100

120 11.3 14.4 21.6#

236 25.9 20.5 30.7



#78

Pyrene

Concen: 30.810 ng

RT: 12.868 min Scan# 1799

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

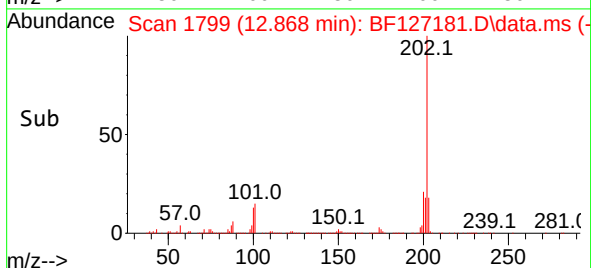
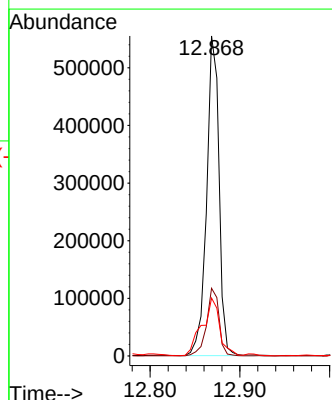
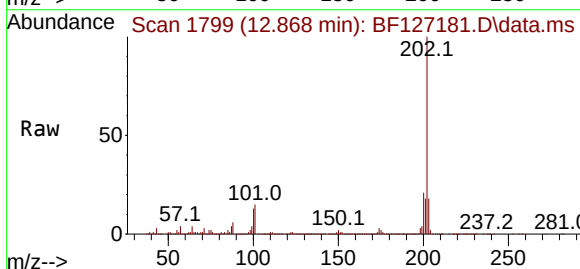
Tgt Ion:202 Resp: 533543

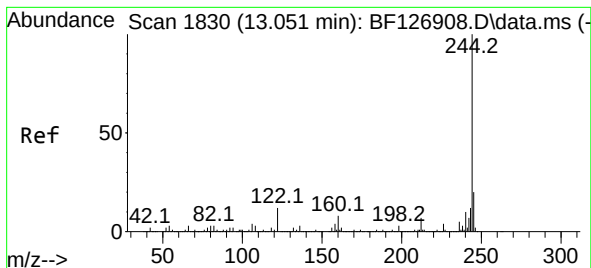
Ion Ratio Lower Upper

202 100

200 21.2 16.6 24.8

203 18.1 13.8 20.8





#79

Terphenyl-d14

Concen: 53.233 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

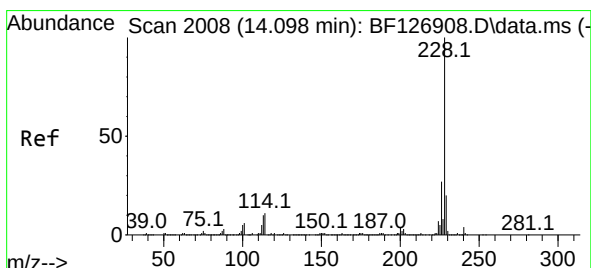
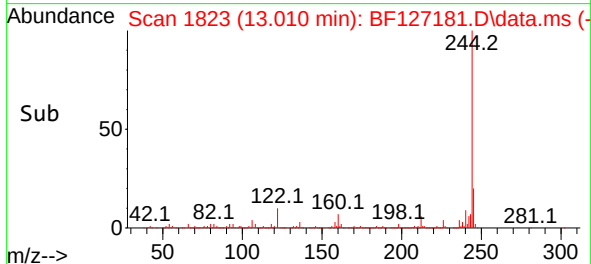
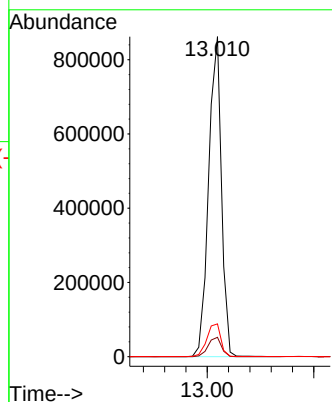
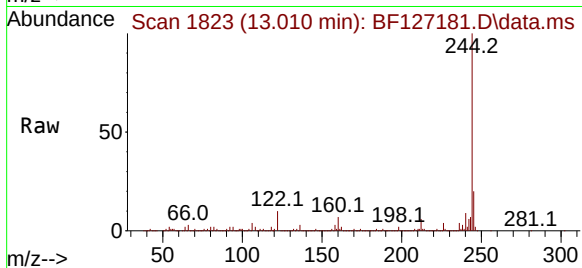
Tgt Ion:244 Resp: 721812

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.3 13.3 19.9#



#81

Benzo(a)anthracene

Concen: 18.045 ng

RT: 14.057 min Scan# 2001

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

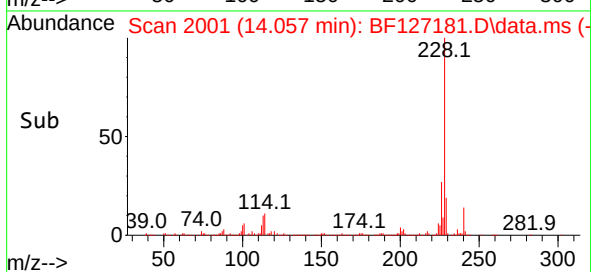
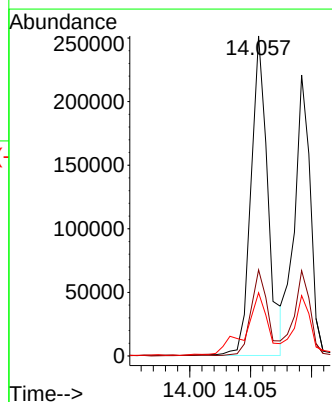
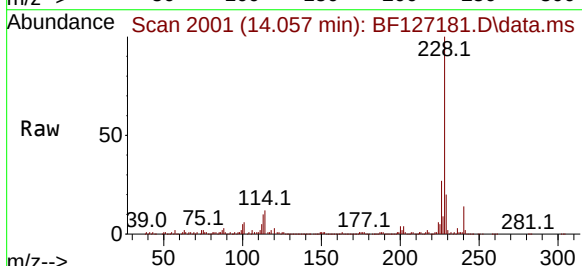
Tgt Ion:228 Resp: 242489

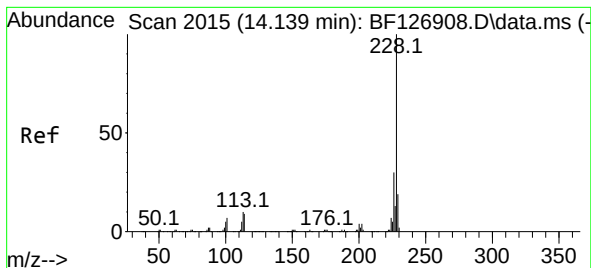
Ion Ratio Lower Upper

228 100

226 26.9 21.4 32.0

229 19.8 15.4 23.2





#83

Chrysene

Concen: 15.853 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12

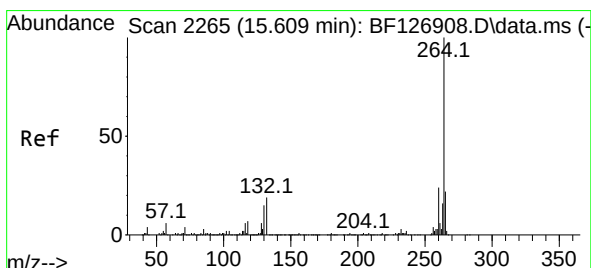
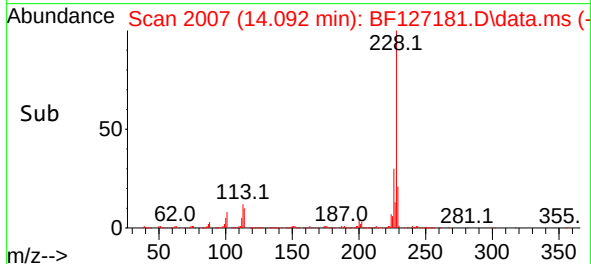
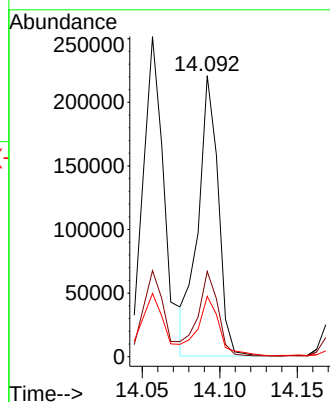
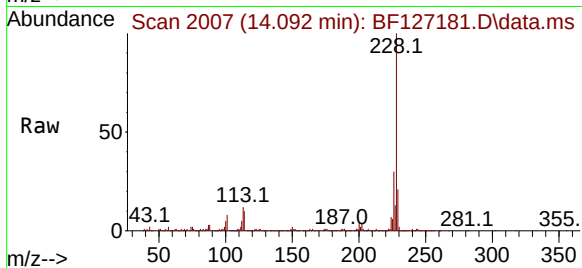
Tgt Ion:228 Resp: 200326

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

229 21.5 15.5 23.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF127181.D

Acq: 03 Mar 2022 20:00

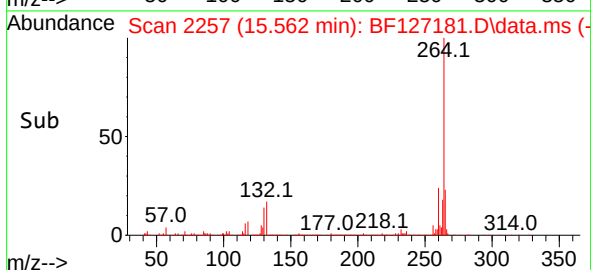
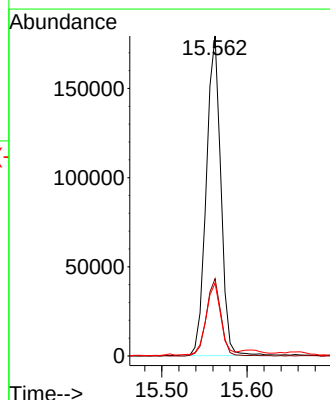
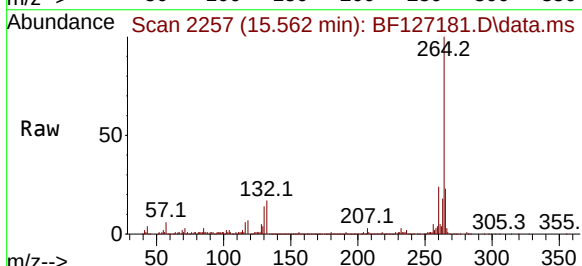
Tgt Ion:264 Resp: 212367

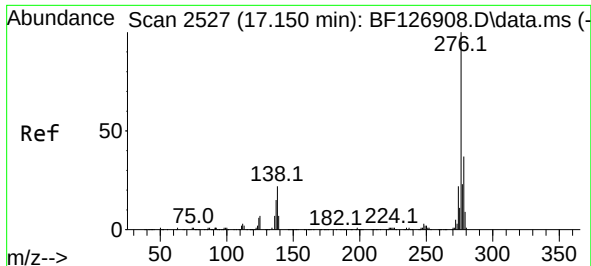
Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 22.7 17.4 26.2

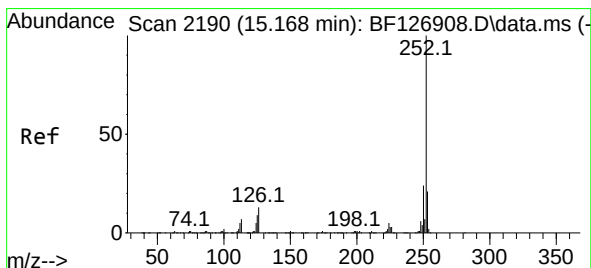
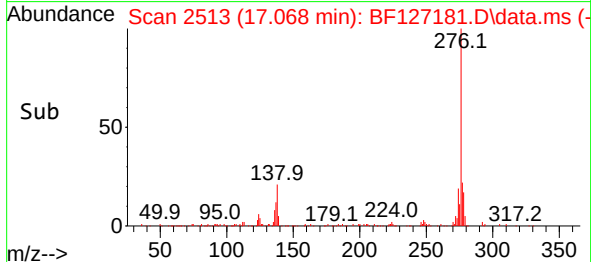
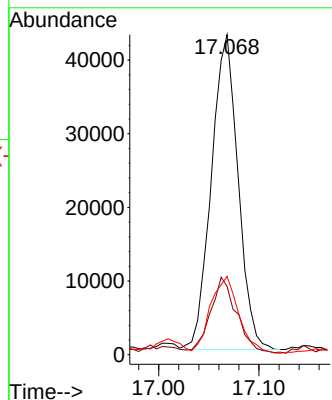
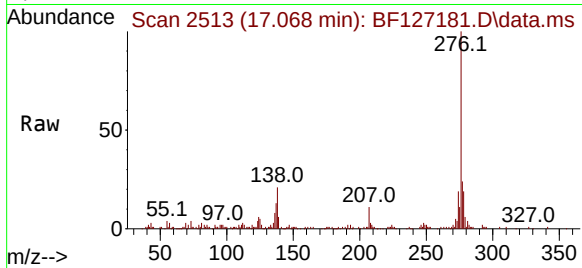




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.694 ng
 RT: 17.068 min Scan# 2182
 Delta R.T. -0.018 min
 Lab File: BF127181.D
 Acq: 03 Mar 2022 20:00

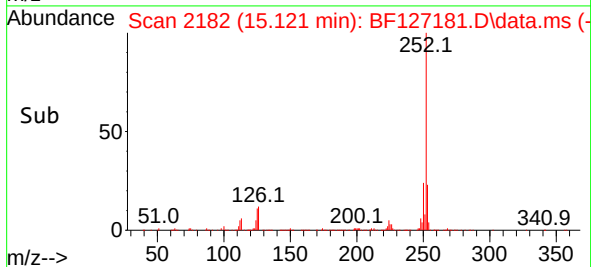
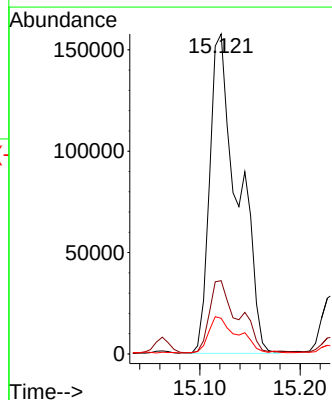
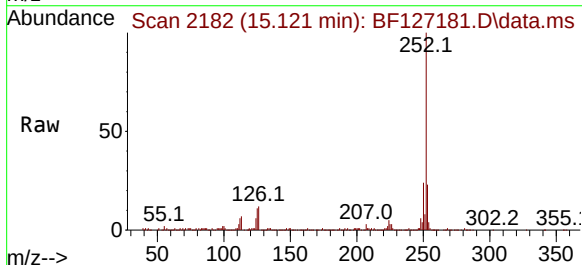
Instrument :
 BNA_F
 ClientSampleId :
 DUM-12

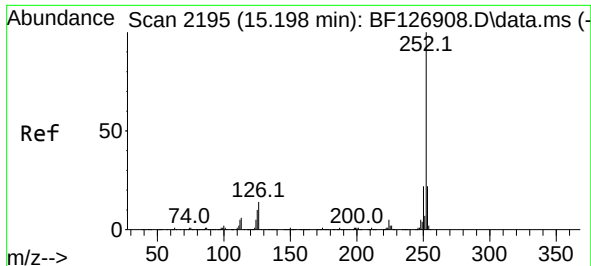
Tgt Ion:276 Resp: 79292
 Ion Ratio Lower Upper
 276 100
 138 23.1 29.2 43.8#
 277 25.7 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 21.721 ng
 RT: 15.121 min Scan# 2182
 Delta R.T. -0.006 min
 Lab File: BF127181.D
 Acq: 03 Mar 2022 20:00

Tgt Ion:252 Resp: 309815
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.8 26.8
 125 11.1 12.4 18.6#

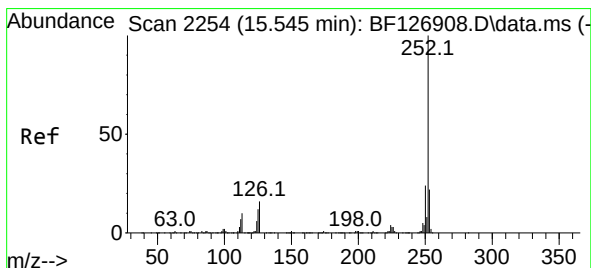
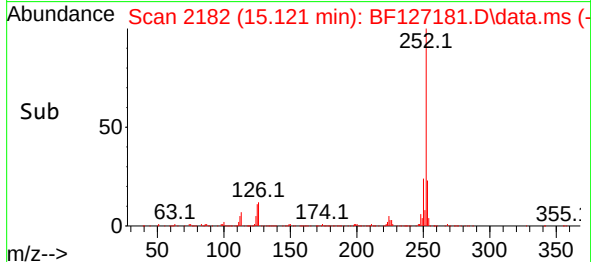
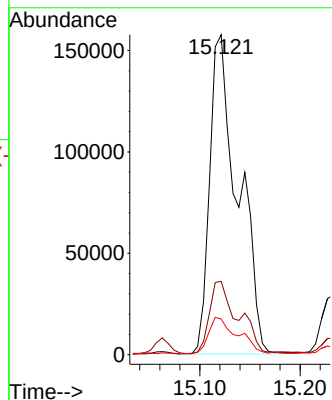
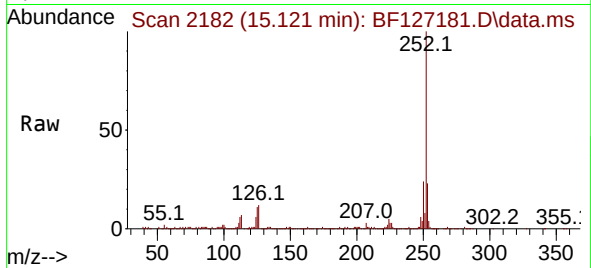




#89
Benzo(k)fluoranthene
Concen: 22.520 ng
RT: 15.121 min Scan# 2195
Delta R.T. -0.035 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

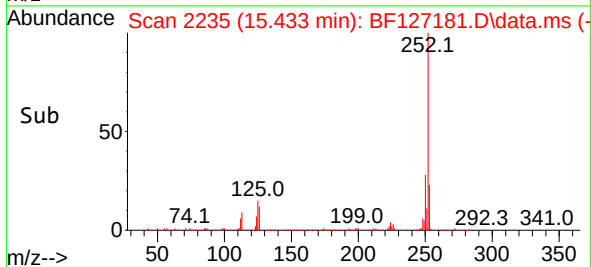
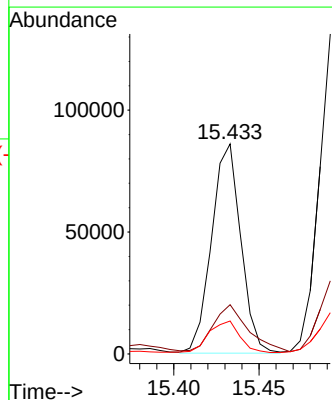
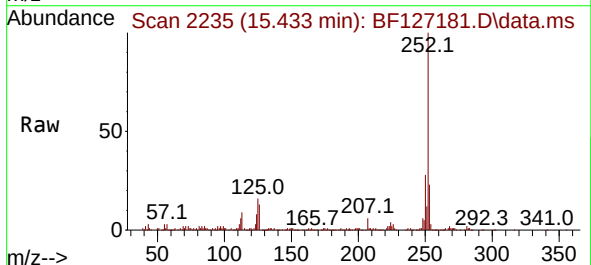
Instrument :
BNA_F
ClientSampleId :
DUM-12

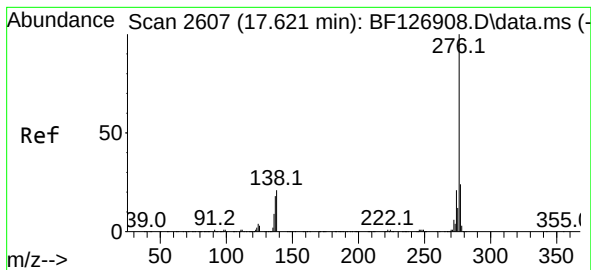
Tgt Ion:252 Resp: 309815
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.1 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 9.217 ng
RT: 15.433 min Scan# 2235
Delta R.T. -0.071 min
Lab File: BF127181.D
Acq: 03 Mar 2022 20:00

Tgt Ion:252 Resp: 102692
Ion Ratio Lower Upper
252 100
253 23.5 17.1 25.7
125 15.7 13.0 19.6





#92

Benzo(g,h,i)perylene

Concen: 6.353 ng

RT: 17.521 min Scan# 21

Delta R.T. -0.030 min

Lab File: BF127181.D

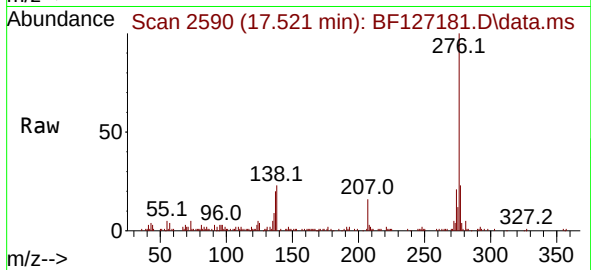
Acq: 03 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

DUM-12



Tgt Ion: 276 Resp: 72133

Ion Ratio Lower Upper

276 100

277 22.9 18.5 27.7

138 23.2 25.9 38.9#

