

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127154.D
 Acq On : 02 Mar 2022 18:37
 Operator : CG\JU
 Sample : N1722-09
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-10

Quant Time: Mar 03 00:57:26 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)

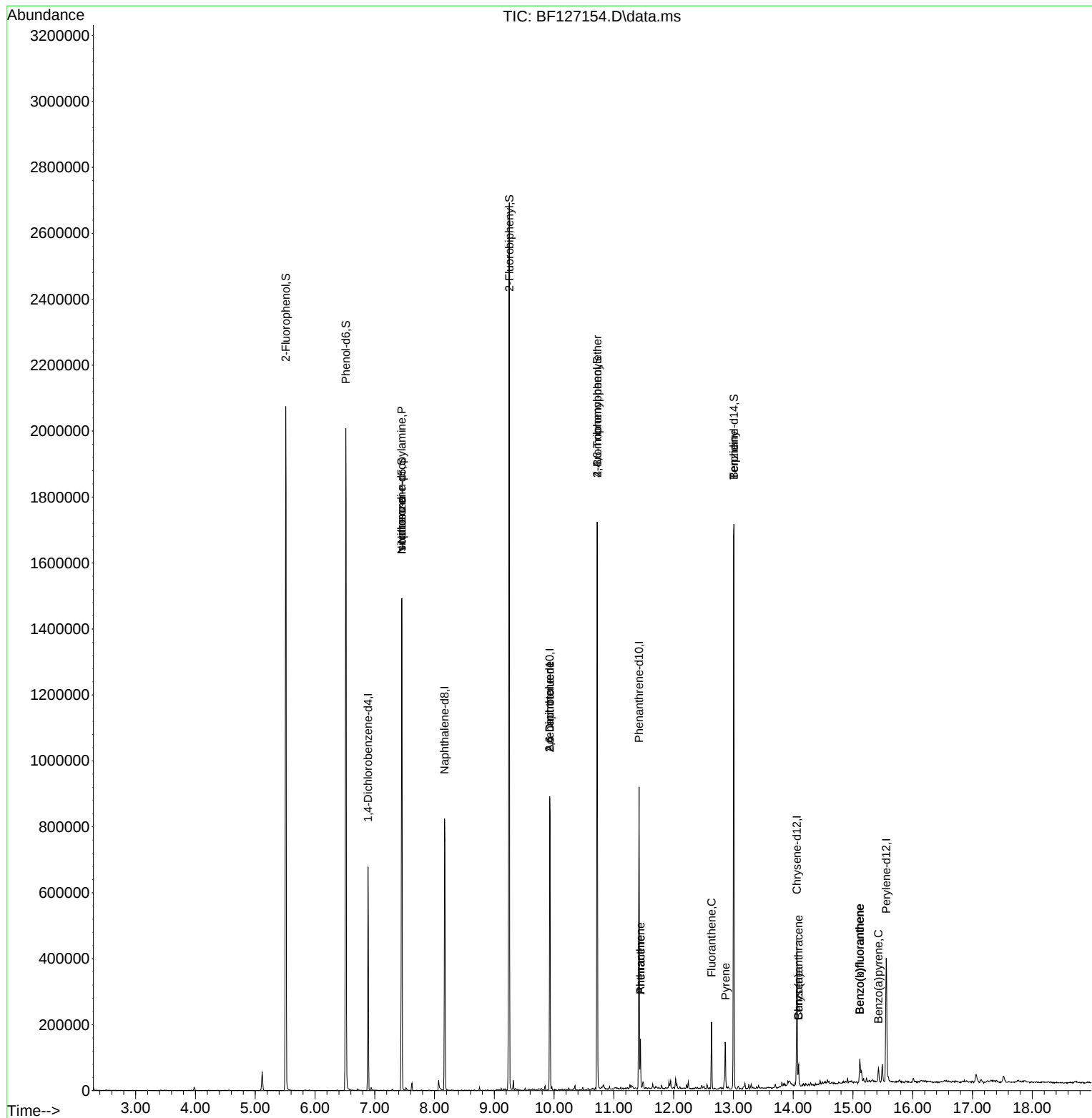
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	86185	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	352312	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	178094	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	282041	20.000	ng	# 0.00
76) Chrysene-d12	14.062	240	132540	20.000	ng	#-0.01
86) Perylene-d12	15.556	264	161979	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	527596	94.615	ng	0.00
7) Phenol-d6	6.516	99	698024	92.769	ng	0.00
23) Nitrobenzene-d5	7.451	82	482235	61.783	ng	-0.01
42) 2,4,6-Tribromophenol	10.722	330	176119	85.890	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	788850	65.208	ng	0.00
79) Terphenyl-d14	13.010	244	582236	64.577	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	66724	13.762	ng	# 79
25) Isophorone	7.451	82	482227	37.336	ng	# 69
51) 2,6-Dinitrotoluene	9.927	165	22230	8.583	ng	# 22
57) 2,4-Dinitrotoluene	9.927	165	22230	6.348	ng	# 15
67) 4-Bromophenyl-phenylether	10.722	248	11488	3.646	ng	# 1
71) Phenanthrene	11.445	178	47397	3.002	ng	98
72) Anthracene	11.445	178	47397	3.016	ng	98
75) Fluoranthene	12.633	202	68938	4.599	ng	94
77) Benzidine	13.010	184	8676	2.409	ng	# 96
78) Pyrene	12.868	202	55672	4.835	ng	98
81) Benzo(a)anthracene	14.092	228	23668	2.649	ng	95
83) Chrysene	14.092	228	23668	2.817	ng	99
88) Benzo(b)fluoranthene	15.115	252	47246	4.343	ng	# 95
89) Benzo(k)fluoranthene	15.115	252	47246	4.503	ng	# 95
90) Benzo(a)pyrene	15.427	252	17465	2.055	ng	95

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

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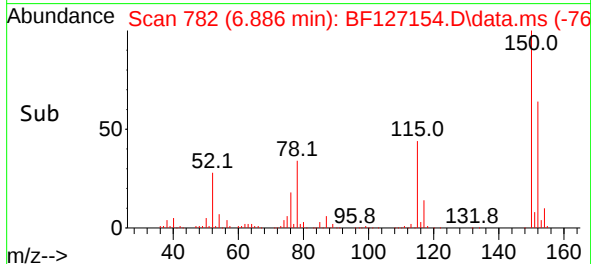
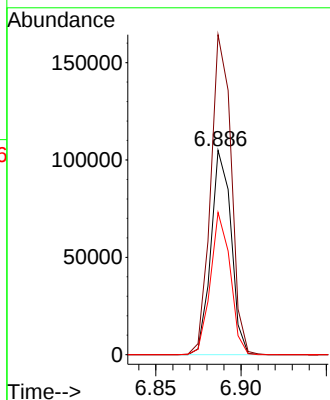
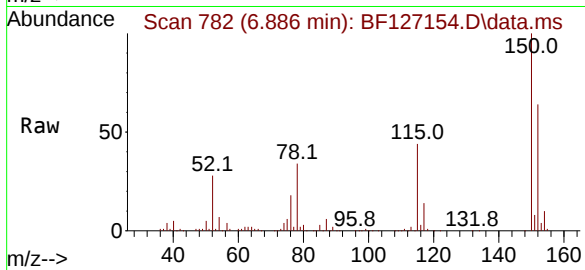




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BF127154.D
 Acq: 02 Mar 2022 18:37

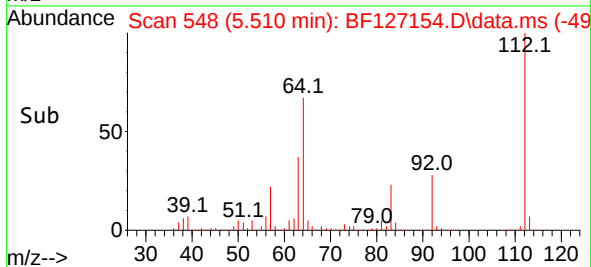
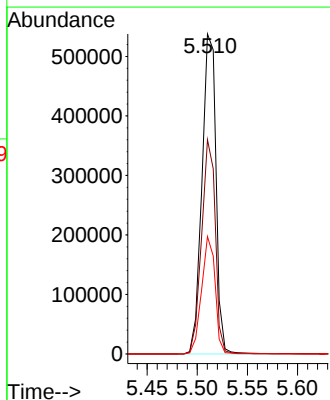
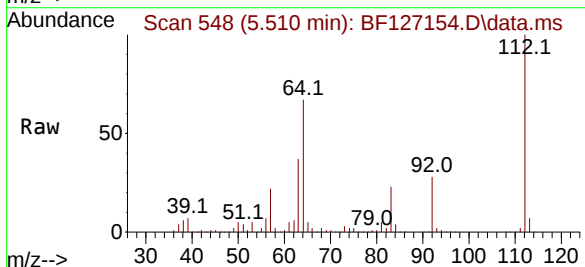
Instrument :
 BNA_F
 ClientSampleId :
 DUM-10

Tgt Ion:152 Resp: 86185
 Ion Ratio Lower Upper
 152 100
 150 156.6 128.1 192.1
 115 69.6 56.7 85.1



#5
 2-Fluorophenol
 Concen: 94.615 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: BF127154.D
 Acq: 02 Mar 2022 18:37

Tgt Ion:112 Resp: 527596
 Ion Ratio Lower Upper
 112 100
 64 67.0 49.5 74.3
 63 36.7 23.9 35.9#

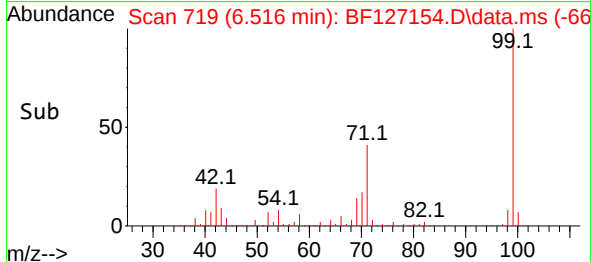
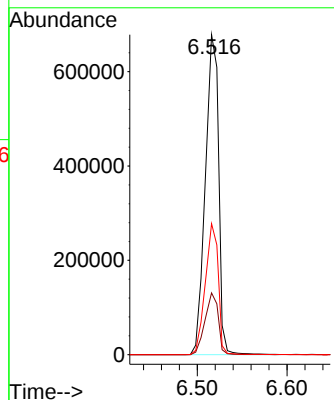
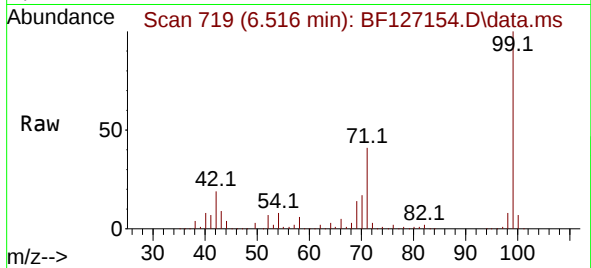




#7
Phenol-d6
Concen: 92.769 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

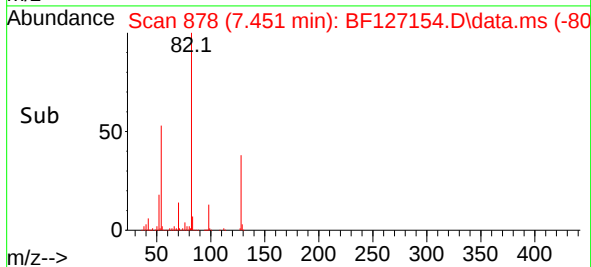
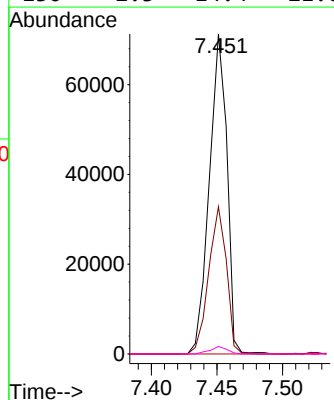
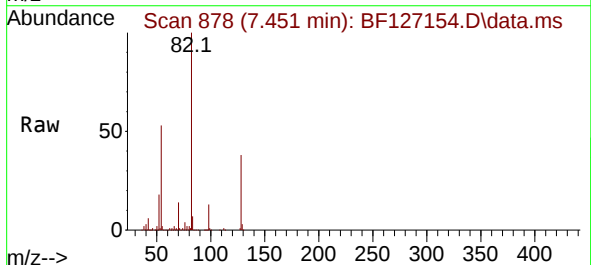
Instrument :
BNA_F
ClientSampleId :
DUM-10

Tgt Ion: 99 Resp: 698024
Ion Ratio Lower Upper
99 100
42 19.3 14.2 21.4
71 41.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.762 ng
RT: 7.451 min Scan# 878
Delta R.T. 0.147 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion: 70 Resp: 66724
Ion Ratio Lower Upper
70 100
42 46.0 45.8 68.8
101 0.0 6.9 10.3#
130 2.3 14.4 21.6#

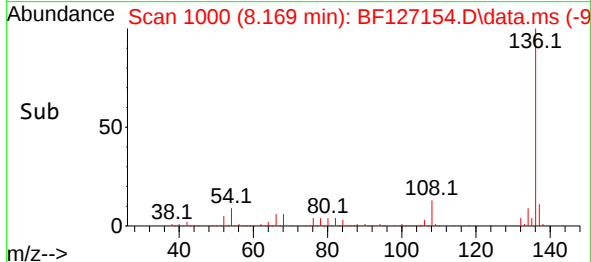
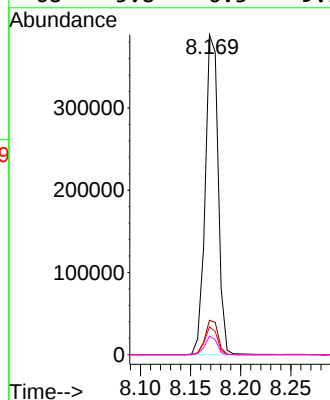
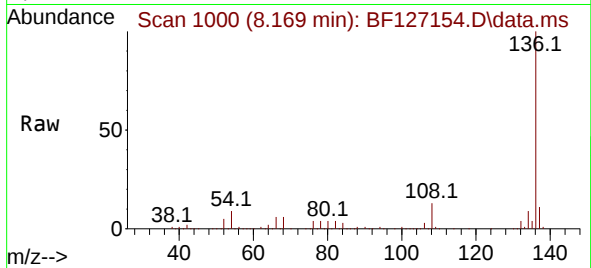




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

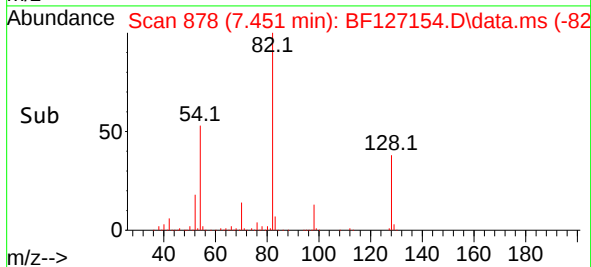
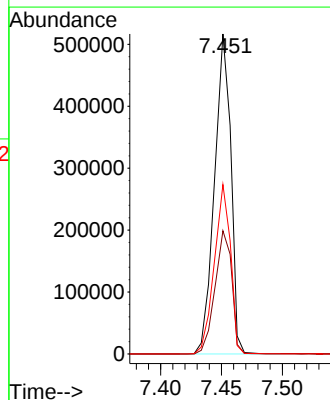
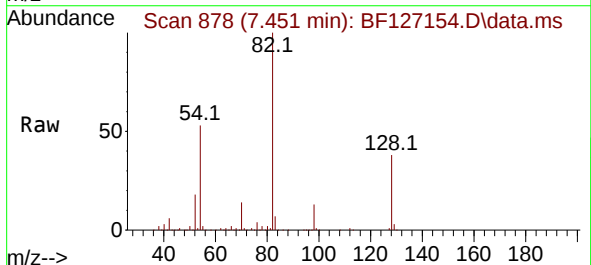
Instrument :
BNA_F
ClientSampleId :
DUM-10

Tgt Ion:136 Resp: 352312
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 61.783 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion: 82 Resp: 482235
Ion Ratio Lower Upper
82 100
128 38.5 32.7 49.1
54 53.0 41.7 62.5

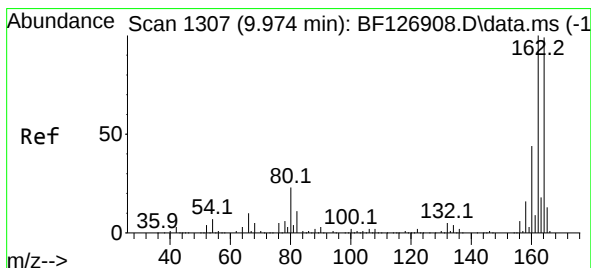
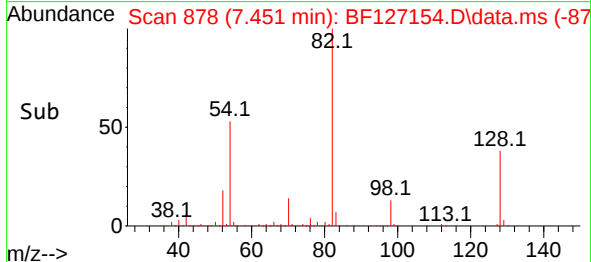
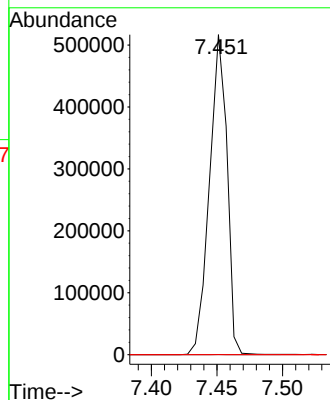
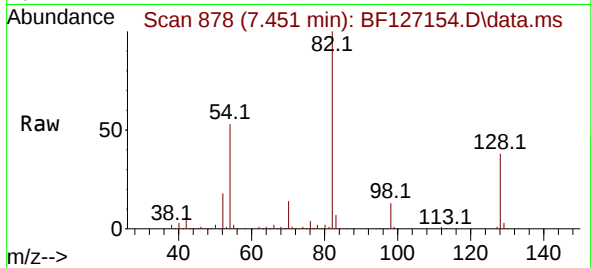




#25
Isophorone
Concen: 37.336 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

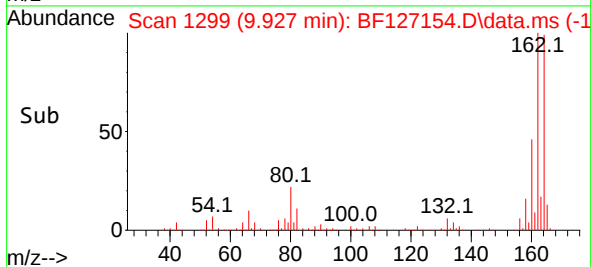
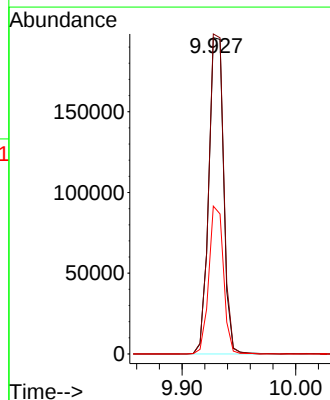
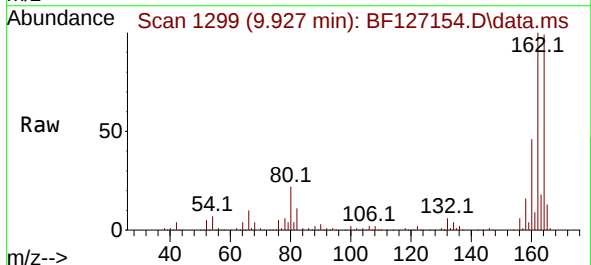
Instrument :
BNA_F
ClientSampleId :
DUM-10

Tgt Ion: 82 Resp: 482227
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# 1299
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion: 164 Resp: 178094
Ion Ratio Lower Upper
164 100
162 101.2 81.4 122.0
160 46.7 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 85.890 ng

RT: 10.722 min Scan# 1442

Delta R.T. -0.006 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

Instrument :

BNA_F

ClientSampleId :

DUM-10

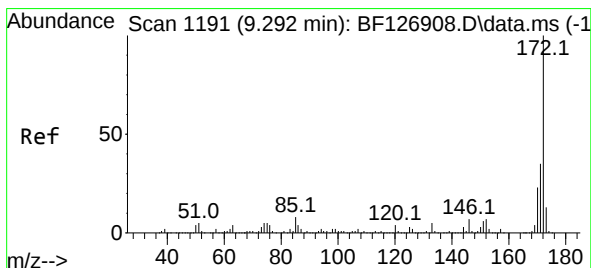
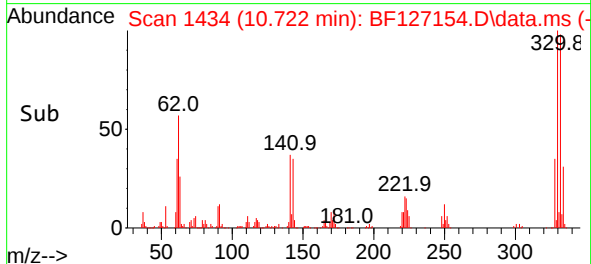
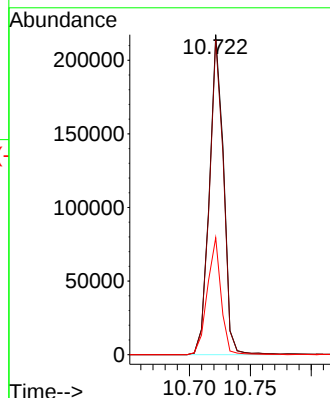
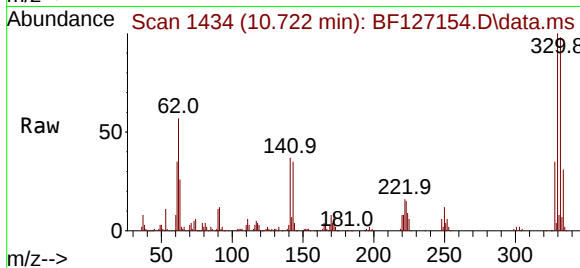
Tgt Ion:330 Resp: 176119

Ion Ratio Lower Upper

330 100

332 97.7 76.0 114.0

141 35.5 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 65.208 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

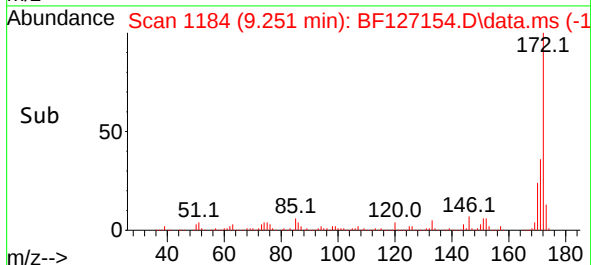
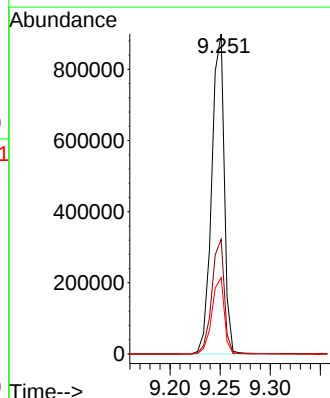
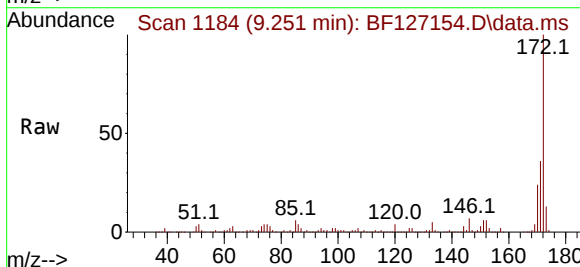
Tgt Ion:172 Resp: 788850

Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.8 19.0 28.6

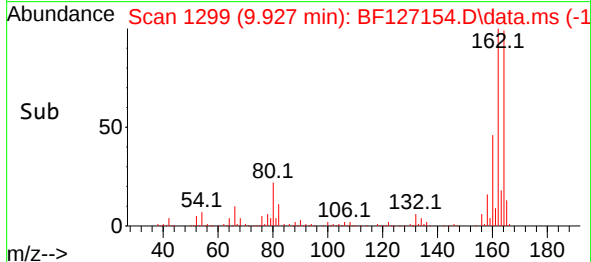
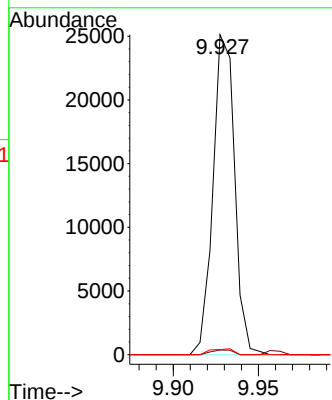
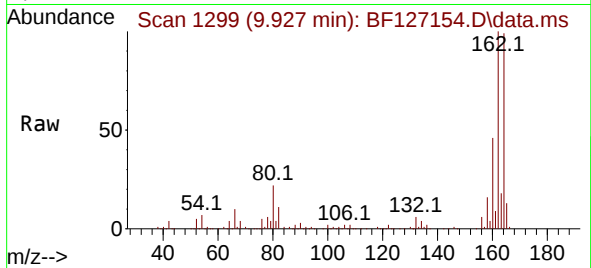




#51
2,6-Dinitrotoluene
Concen: 8.583 ng
RT: 9.927 min Scan# 1299
Delta R.T. 0.206 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

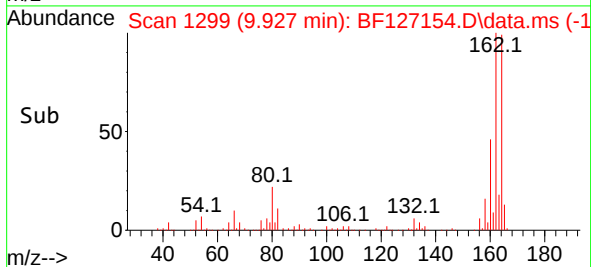
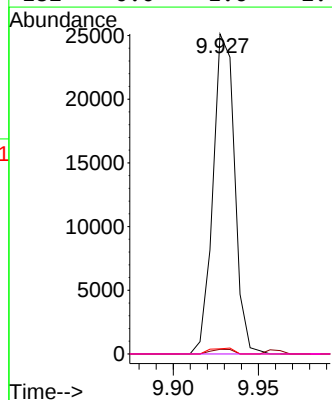
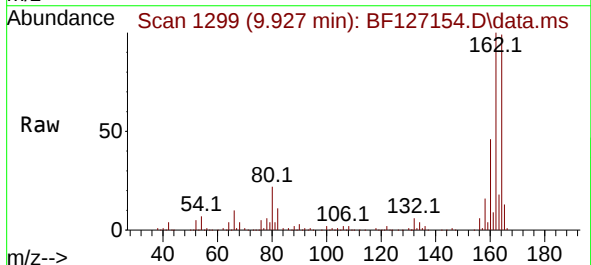
Instrument :
BNA_F
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DUM-10

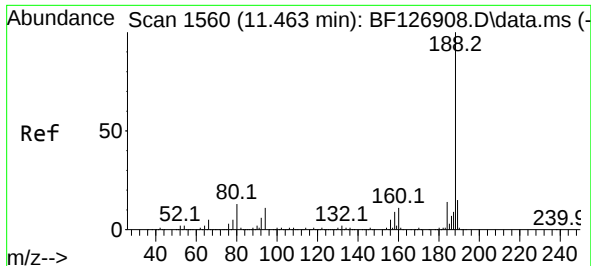
Tgt Ion:165 Resp: 22230
Ion Ratio Lower Upper
165 100
63 1.4 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 9.927 min Scan# 1299
Delta R.T. -0.200 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:165 Resp: 22230
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#

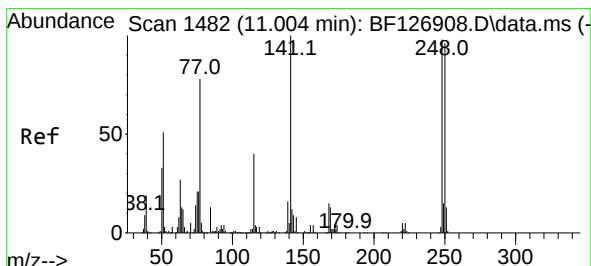
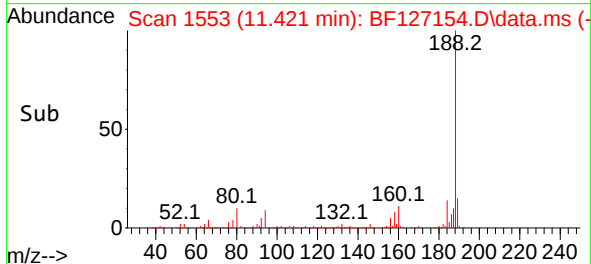
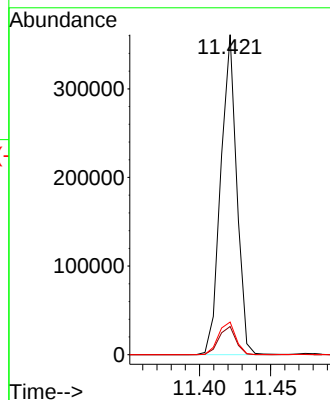
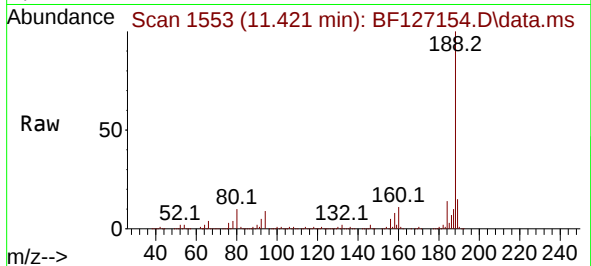




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

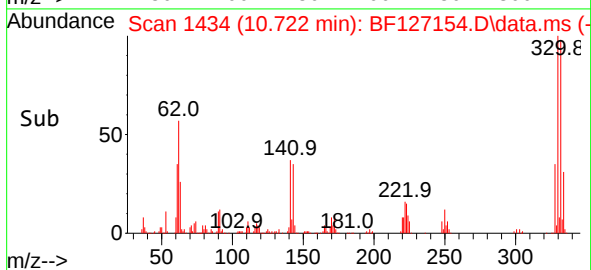
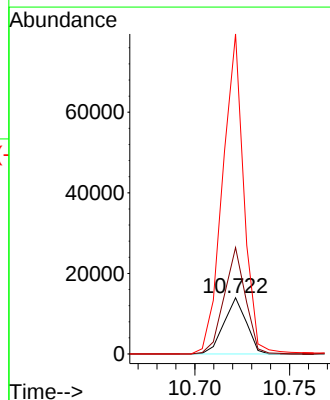
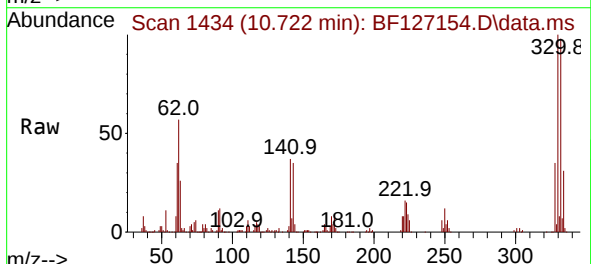
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DUM-10

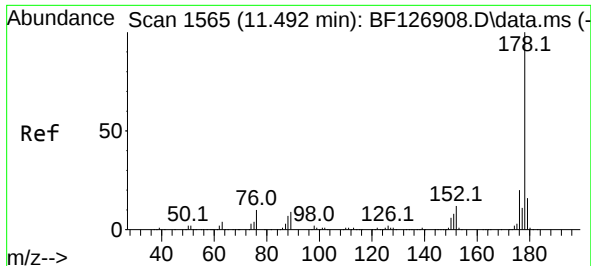
Tgt Ion:188 Resp: 282041
Ion Ratio Lower Upper
188 100
94 8.8 10.1 15.1#
80 10.2 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 3.646 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:248 Resp: 11488
Ion Ratio Lower Upper
248 100
250 189.1 76.2 114.4#
141 569.0 66.2 99.4#

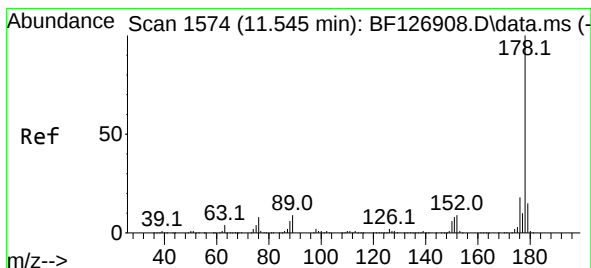
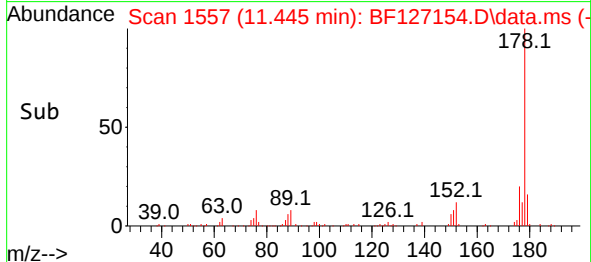
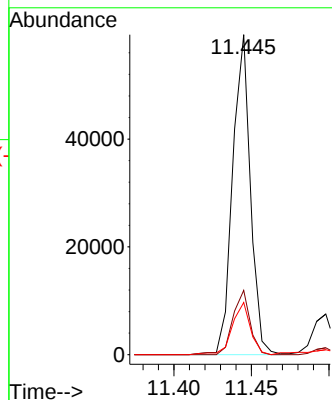
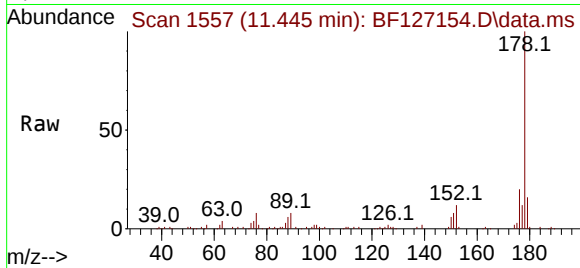




#71
Phenanthrene
Concen: 3.002 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

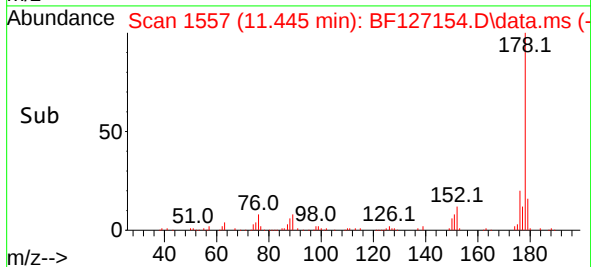
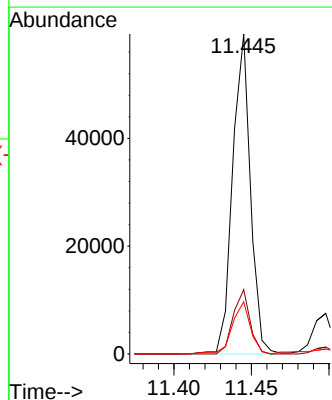
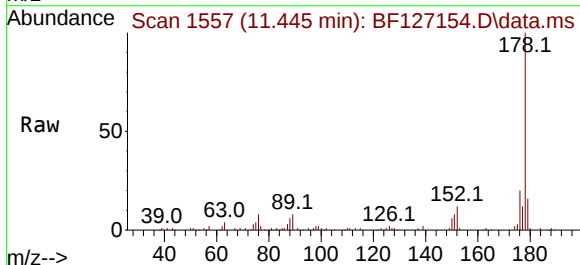
Instrument :
BNA_F
ClientSampleId :
DUM-10

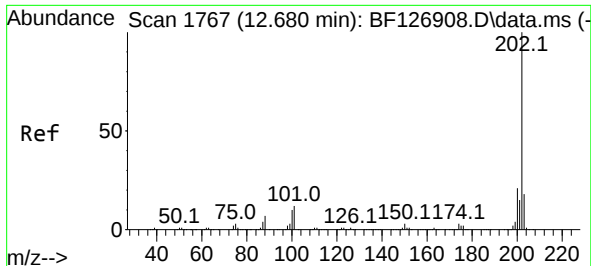
Tgt Ion:178 Resp: 47397
Ion Ratio Lower Upper
178 100
176 20.1 15.7 23.5
179 16.3 12.3 18.5



#72
Anthracene
Concen: 3.016 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.059 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:178 Resp: 47397
Ion Ratio Lower Upper
178 100
176 20.1 15.0 22.6
179 16.3 12.5 18.7

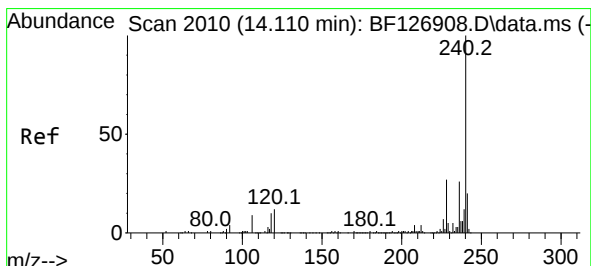
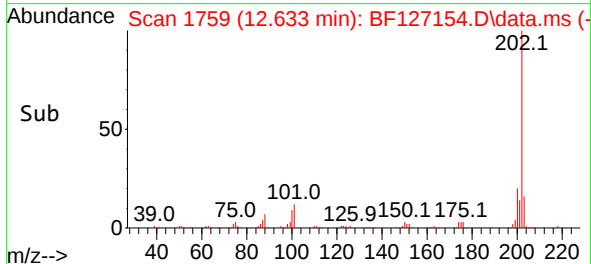
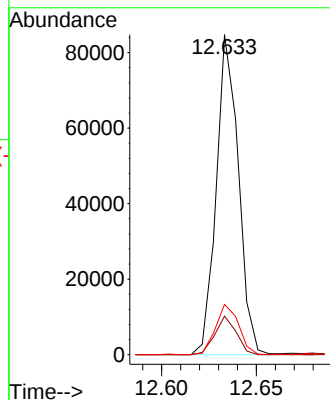
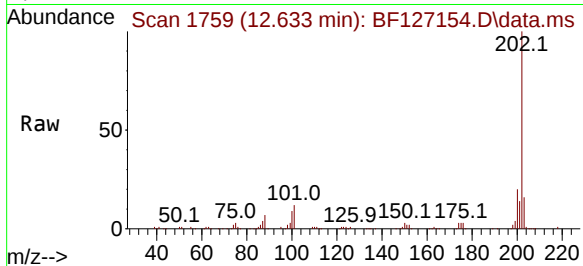




#75
Fluoranthene
Concen: 4.599 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

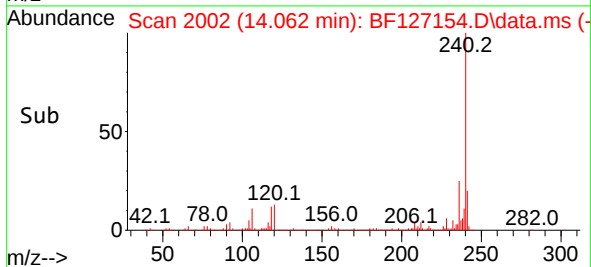
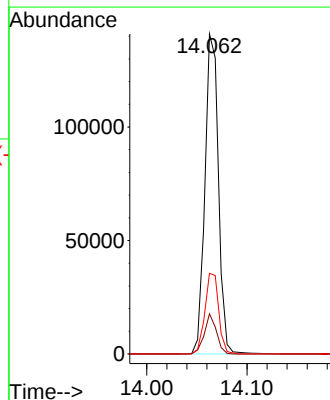
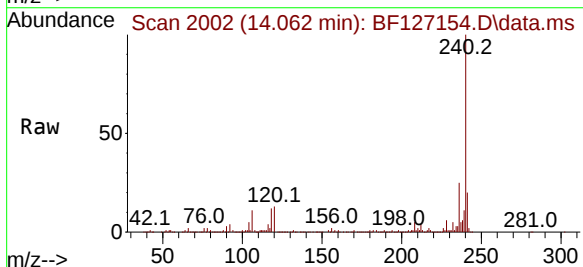
Instrument :
BNA_F
ClientSampleId :
DUM-10

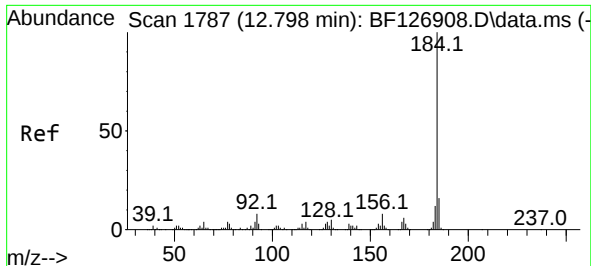
Tgt Ion:202 Resp: 68938
Ion Ratio Lower Upper
202 100
101 12.1 0.0 35.7
203 15.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2002
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:240 Resp: 132540
Ion Ratio Lower Upper
240 100
120 12.5 14.4 21.6#
236 25.2 20.5 30.7

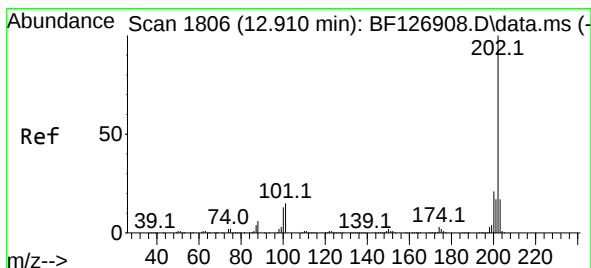
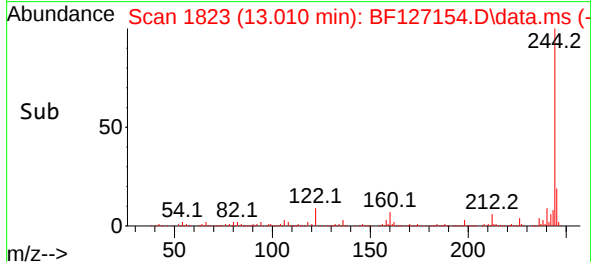
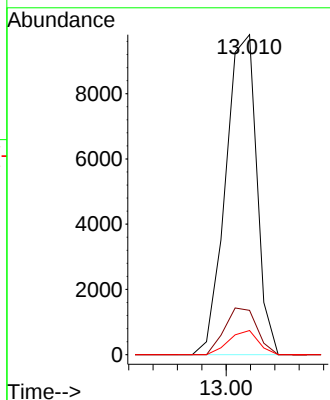
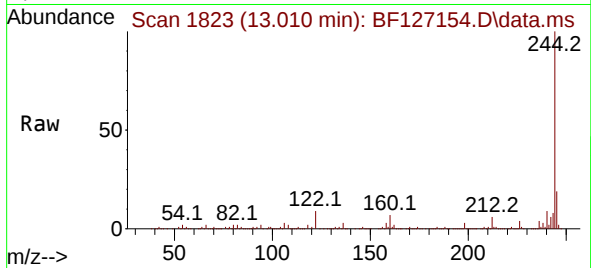




#77
Benzidine
Concen: 2.409 ng
RT: 13.010 min Scan# 1799
Delta R.T. 0.247 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

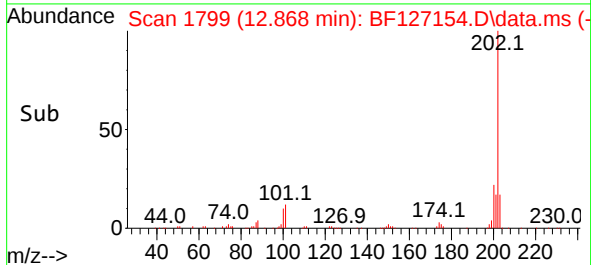
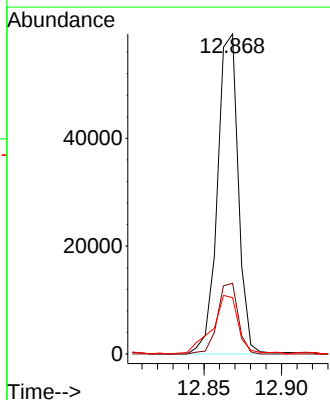
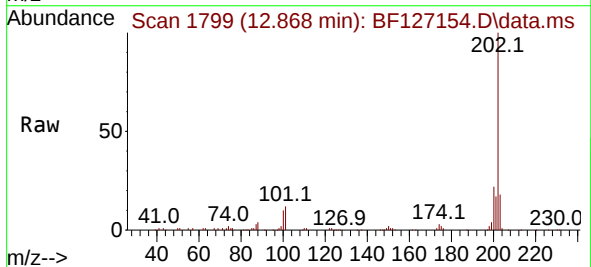
Instrument :
BNA_F
ClientSampleId :
DUM-10

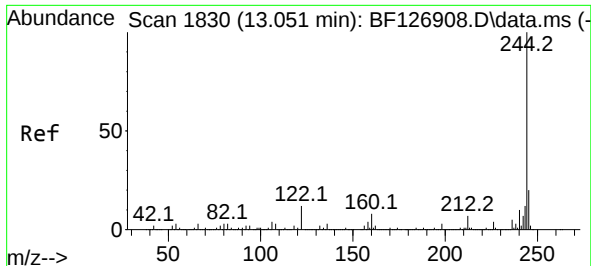
Tgt Ion:184 Resp: 8676
Ion Ratio Lower Upper
184 100
185 13.9 11.8 17.8
183 7.6 8.2 12.2#



#78
Pyrene
Concen: 4.835 ng
RT: 12.868 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:202 Resp: 55672
Ion Ratio Lower Upper
202 100
200 22.1 16.6 24.8
203 17.6 13.8 20.8

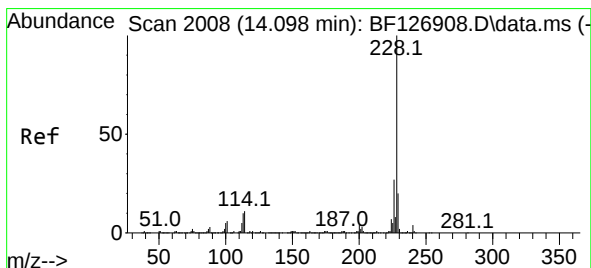
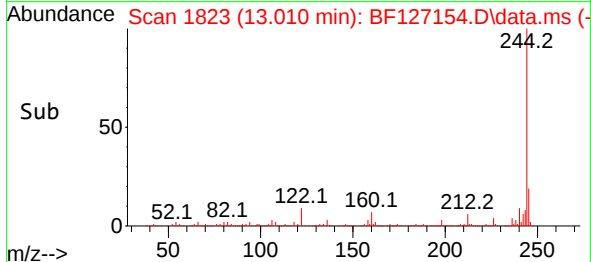
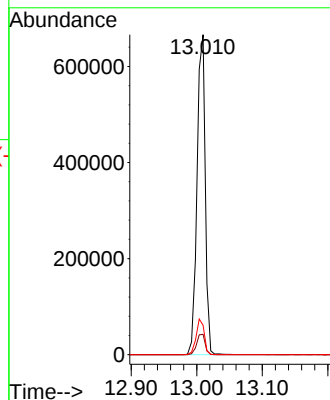
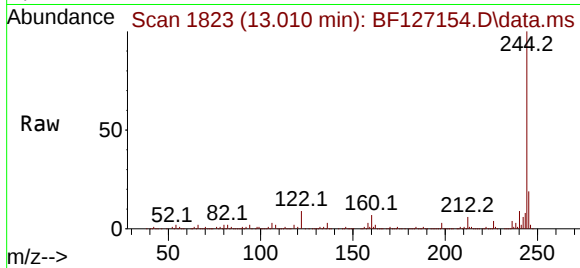




#79
 Terphenyl-d14
 Concen: 64.577 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. -0.006 min
 Lab File: BF127154.D
 Acq: 02 Mar 2022 18:37

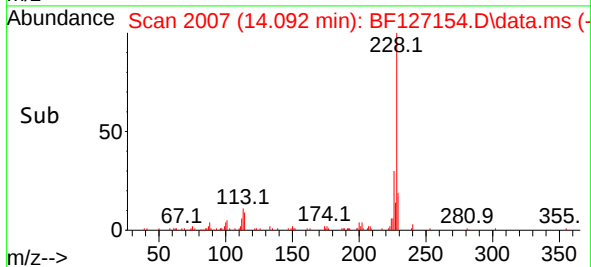
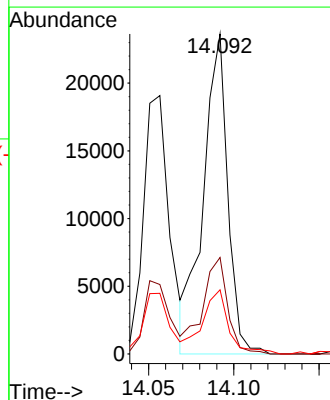
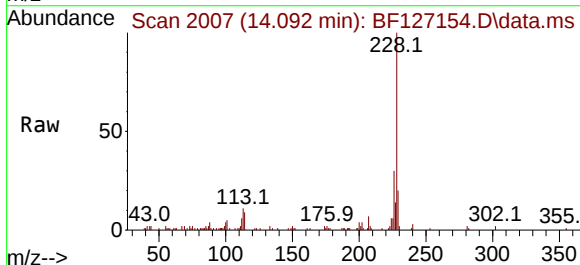
Instrument :
 BNA_F
 ClientSampleId :
 DUM-10

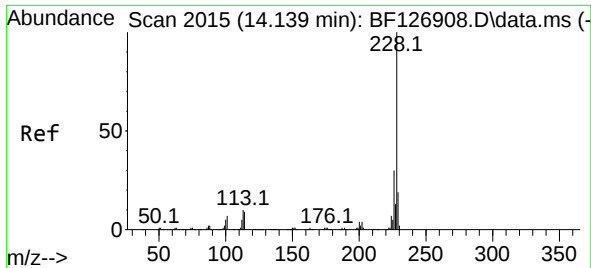
Tgt Ion:244 Resp: 582236
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 9.2 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 2.649 ng
 RT: 14.092 min Scan# 2007
 Delta R.T. 0.029 min
 Lab File: BF127154.D
 Acq: 02 Mar 2022 18:37

Tgt Ion:228 Resp: 23668
 Ion Ratio Lower Upper
 228 100
 226 30.1 21.4 32.0
 229 20.1 15.4 23.2

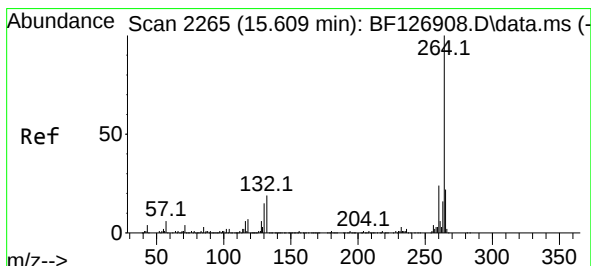
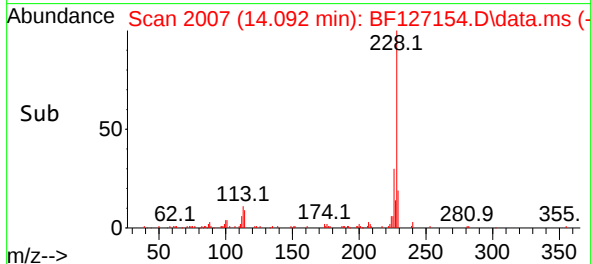
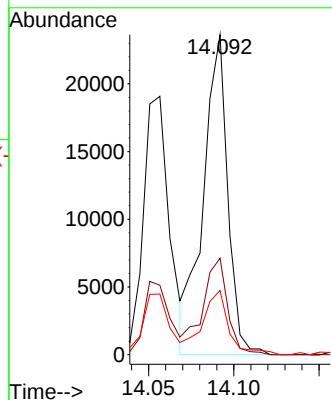
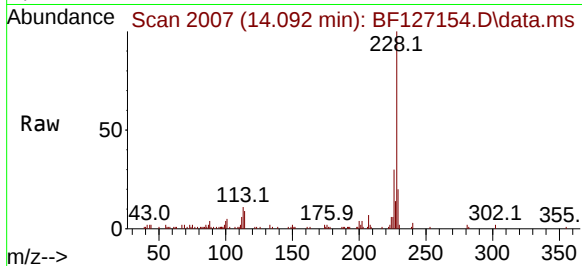




#83
Chrysene
Concen: 2.817 ng
RT: 14.092 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

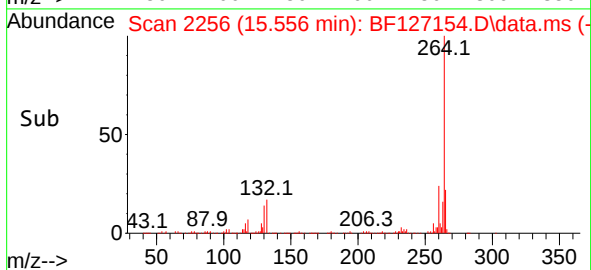
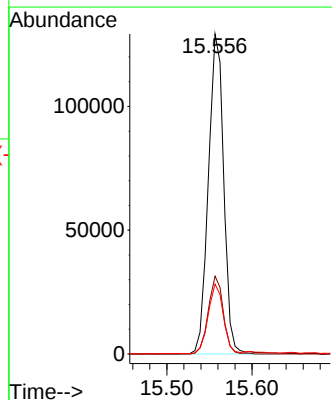
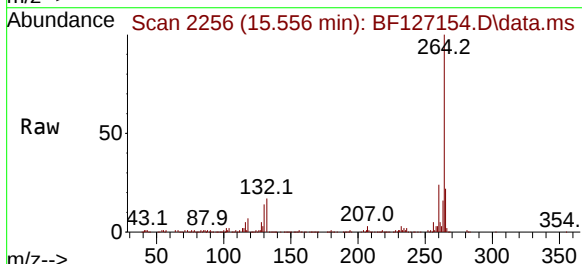
Instrument :
BNA_F
ClientSampleId :
DUM-10

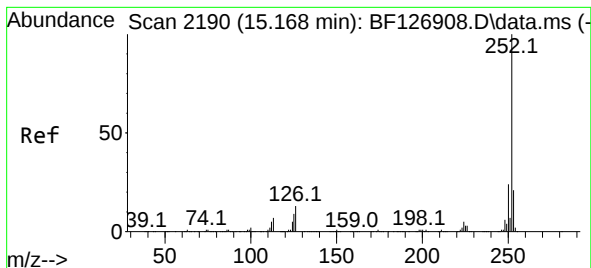
Tgt Ion:228 Resp: 23668
Ion Ratio Lower Upper
228 100
226 30.1 23.7 35.5
229 20.1 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.556 min Scan# 2256
Delta R.T. -0.012 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Tgt Ion:264 Resp: 161979
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.9 17.4 26.2





#88

Benzo(b)fluoranthene

Concen: 4.343 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.012 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

Instrument :

BNA_F

ClientSampleId :

DUM-10

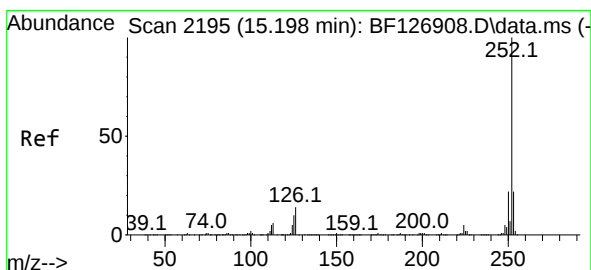
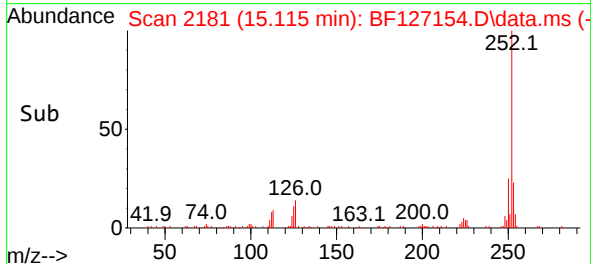
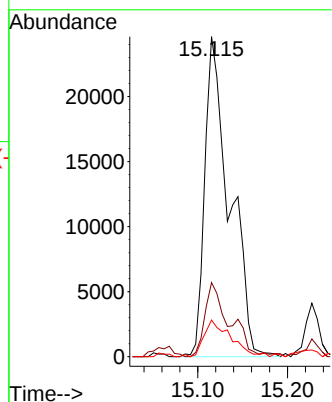
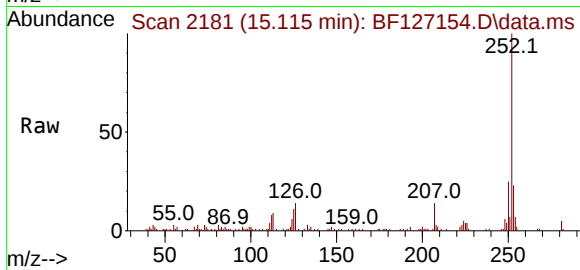
Tgt Ion:252 Resp: 47246

Ion Ratio Lower Upper

252 100

253 23.2 17.8 26.8

125 11.4 12.4 18.6#



#89

Benzo(k)fluoranthene

Concen: 4.503 ng

RT: 15.115 min Scan# 2181

Delta R.T. -0.041 min

Lab File: BF127154.D

Acq: 02 Mar 2022 18:37

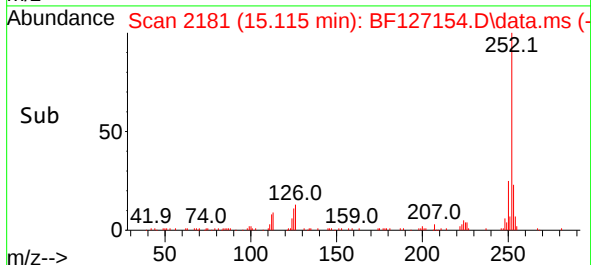
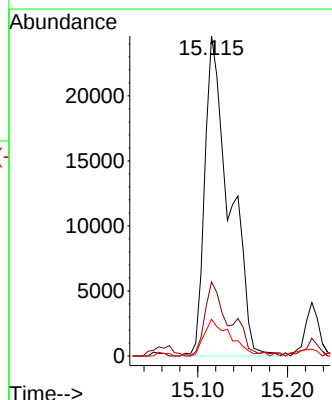
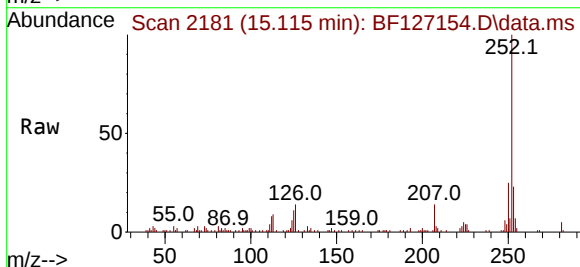
Tgt Ion:252 Resp: 47246

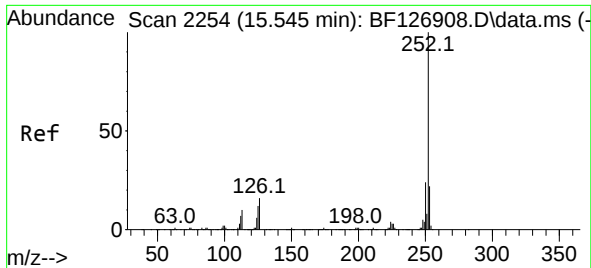
Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

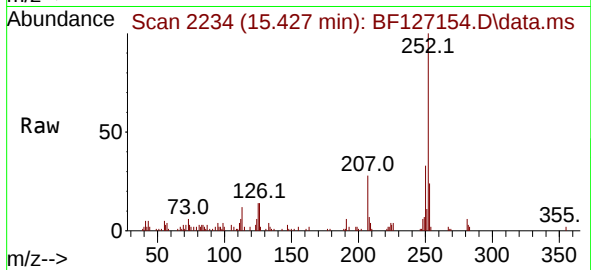
125 11.4 11.8 17.6#





#90
Benzo(a)pyrene
Concen: 2.055 ng
RT: 15.427 min Scan# 21
Delta R.T. -0.077 min
Lab File: BF127154.D
Acq: 02 Mar 2022 18:37

Instrument :
BNA_F
ClientSampleId :
DUM-10



Tgt Ion:252 Resp: 17465
Ion Ratio Lower Upper
252 100
253 23.7 17.1 25.7
125 13.8 13.0 19.6

