

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050322\
 Data File : BF128055.D
 Acq On : 03 May 2022 19:41
 Operator : CG\JU
 Sample : N2659-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 22L097-C

Quant Time: May 04 04:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 04:23:29 2022
 Response via : Initial Calibration

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

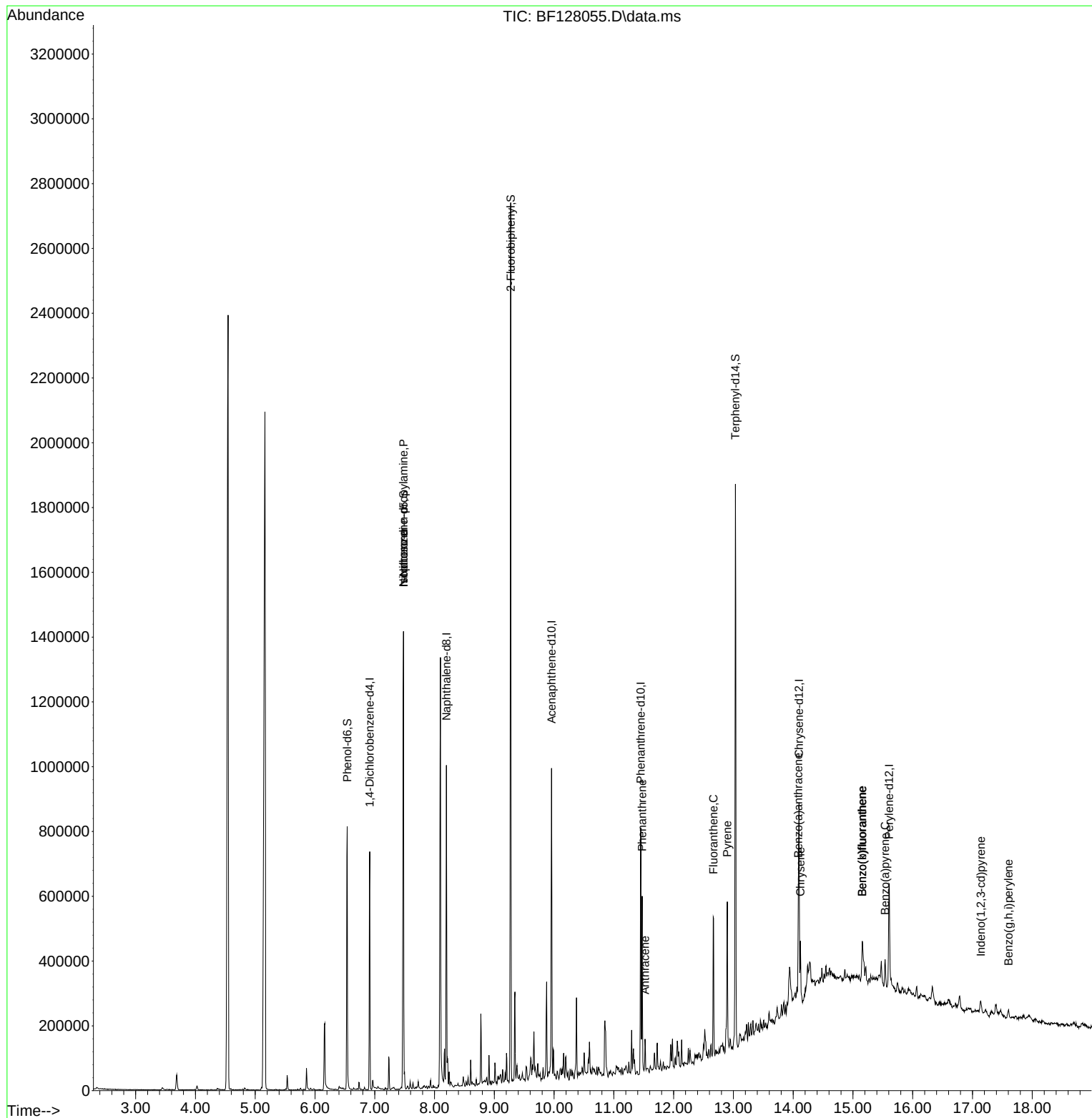
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.916	152	95018	20.000	ng	0.00
21) Naphthalene-d8	8.198	136	361204	20.000	ng	0.00
39) Acenaphthene-d10	9.957	164	178891	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	263616	20.000	ng	0.00
76) Chrysene-d12	14.098	240	190083	20.000	ng	0.00
86) Perylene-d12	15.604	264	142679	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	11281	1.891	ng	0.00
7) Phenol-d6	6.540	99	243267	31.427	ng	-0.01
23) Nitrobenzene-d5	7.481	82	452153	58.865	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	298	0.165	ng	-0.01
45) 2-Fluorobiphenyl	9.275	172	723313	68.403	ng	0.00
79) Terphenyl-d14	13.033	244	566294	54.476	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.481	70	66957	14.131	ng	# 79
25) Isophorone	7.481	82	452147	34.974	ng	# 68
71) Phenanthrene	11.475	178	176168	12.767	ng	98
72) Anthracene	11.522	178	37143	2.702	ng	99
75) Fluoranthene	12.669	202	171699	11.823	ng	97
78) Pyrene	12.898	202	158973	10.360	ng	98
81) Benzo(a)anthracene	14.086	228	78732	6.214	ng	97
83) Chrysene	14.121	228	65727	5.432	ng	97
87) Indeno(1,2,3-cd)pyrene	17.139	276	22253	2.337	ng	96
88) Benzo(b)fluoranthene	15.157	252	82602	9.217	ng	# 92
89) Benzo(k)fluoranthene	15.157	252	82602	9.149	ng	# 90
90) Benzo(a)pyrene	15.539	252	42346	5.697	ng	# 92
92) Benzo(g,h,i)perylene	17.604	276	22121	2.748	ng	95

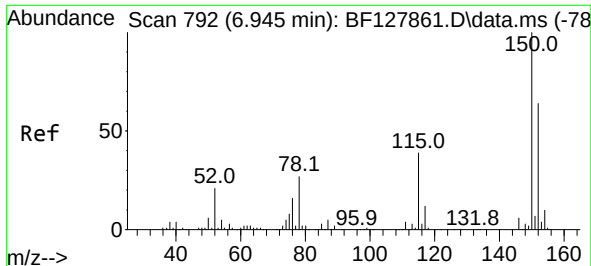
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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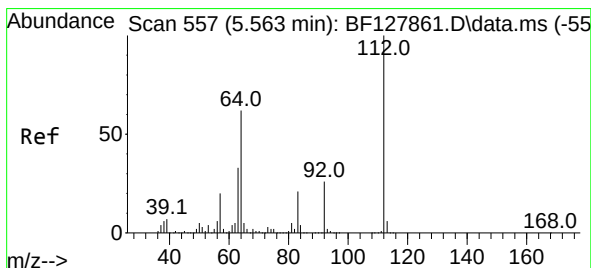
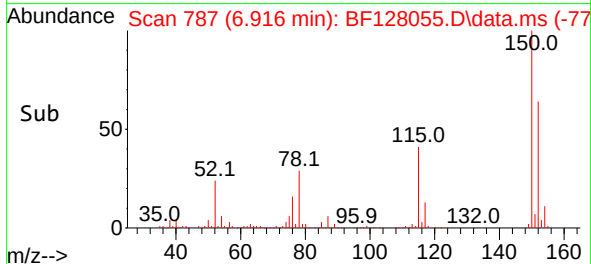
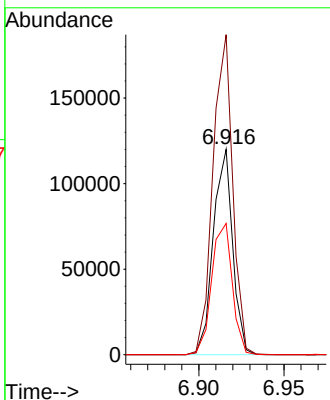
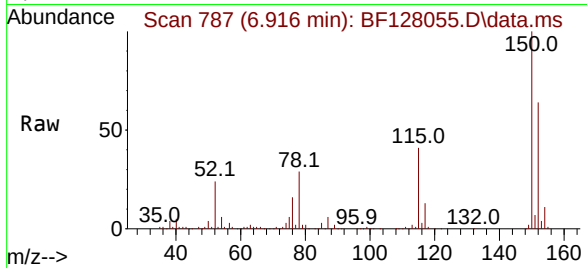




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.916 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

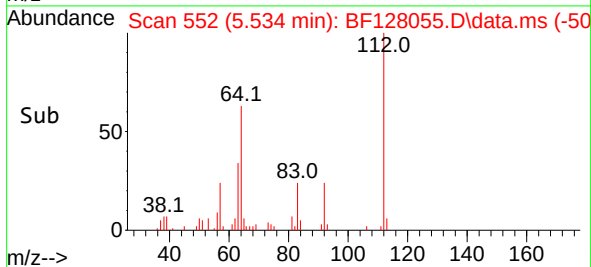
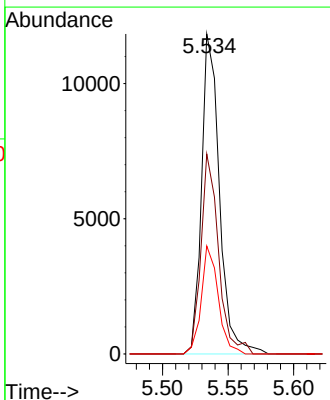
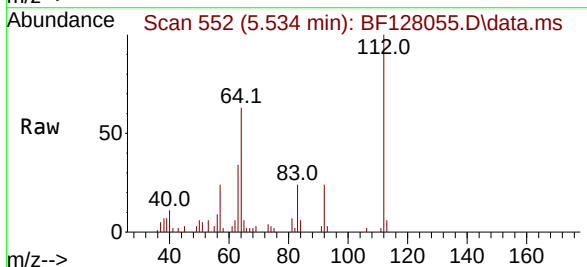
Instrument :
 BNA_F
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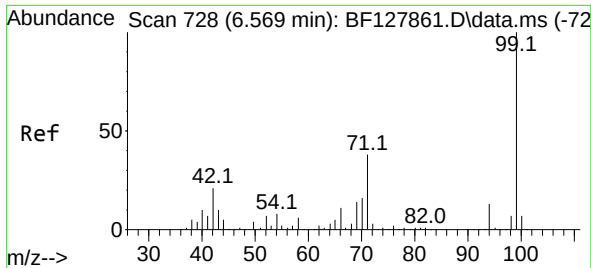
Tgt Ion:152 Resp: 95018
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.3 187.9
 115 63.9 48.8 73.2



#5
 2-Fluorophenol
 Concen: 1.891 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.006 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

Tgt Ion:112 Resp: 11281
 Ion Ratio Lower Upper
 112 100
 64 62.5 49.5 74.3
 63 33.8 26.3 39.5

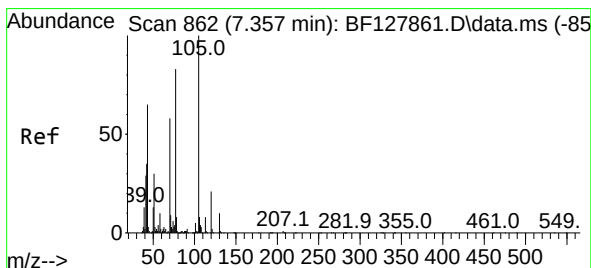
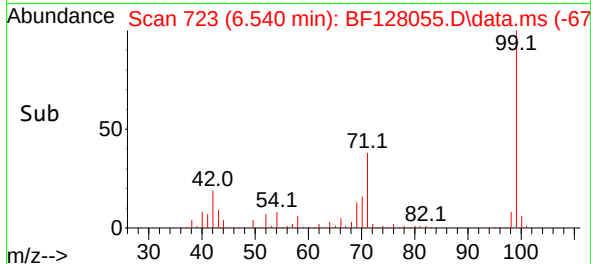
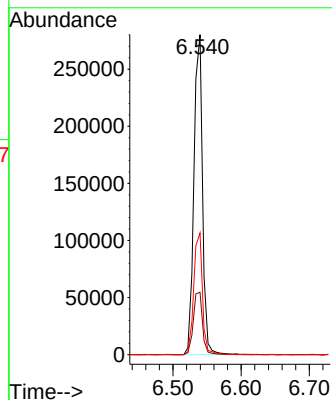
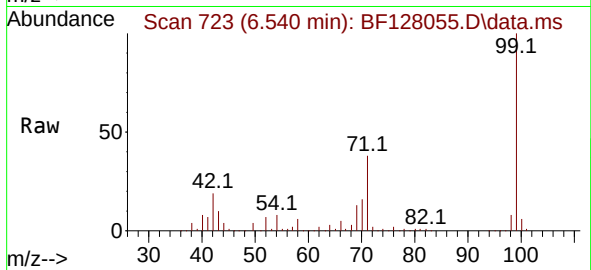




#7
Phenol-d6
Concen: 31.427 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

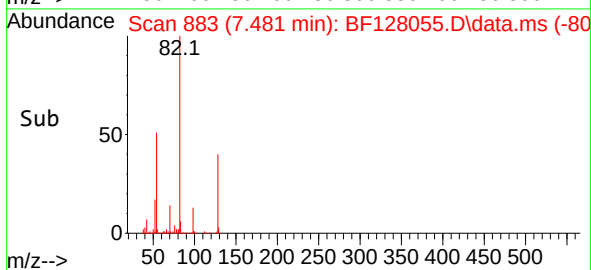
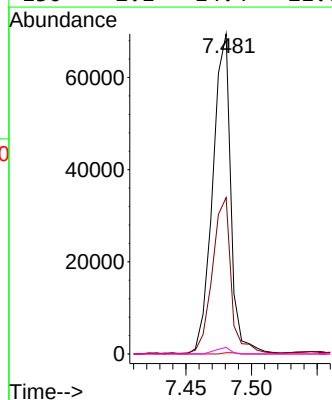
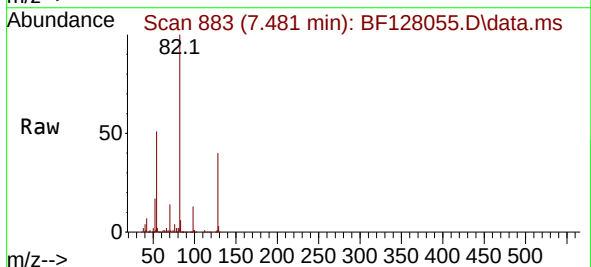
Instrument :
BNA_F
ClientSampleId :
22L097-C

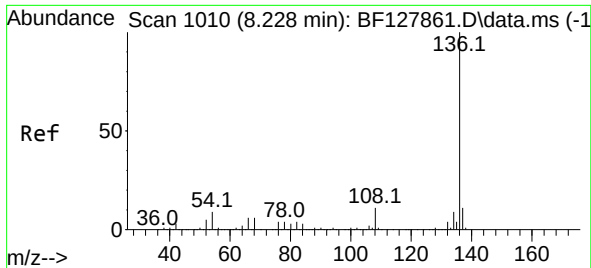
Tgt Ion: 99 Resp: 243267
Ion Ratio Lower Upper
99 100
42 19.5 16.6 24.8
71 38.1 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.131 ng
RT: 7.481 min Scan# 883
Delta R.T. 0.147 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion: 70 Resp: 66957
Ion Ratio Lower Upper
70 100
42 48.9 48.7 73.1
101 0.4 7.2 10.8#
130 2.1 14.4 21.6#

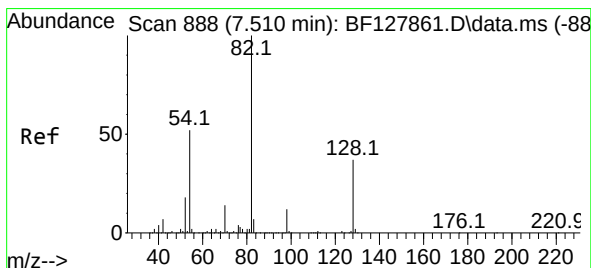
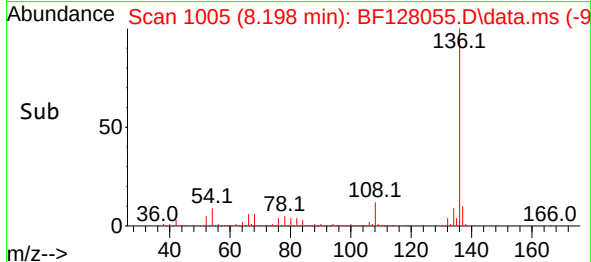
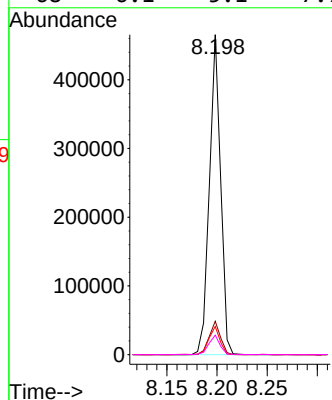
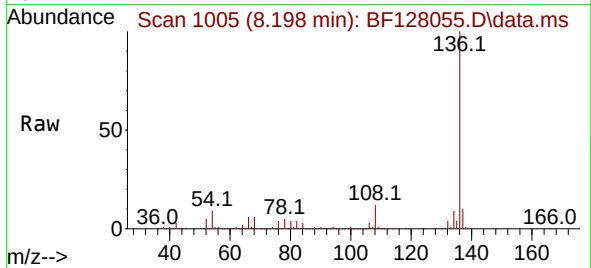




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.198 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

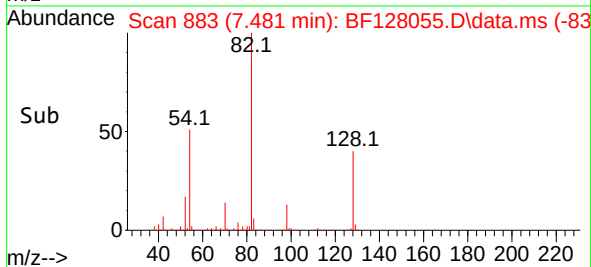
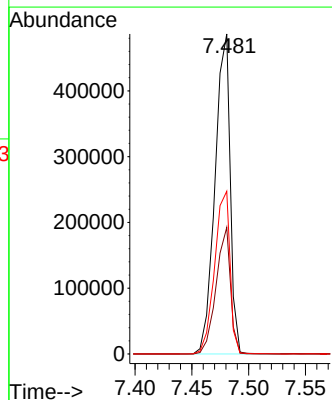
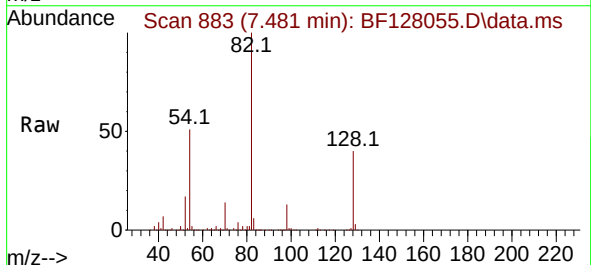
Instrument :
BNA_F
ClientSampleId :
22L097-C

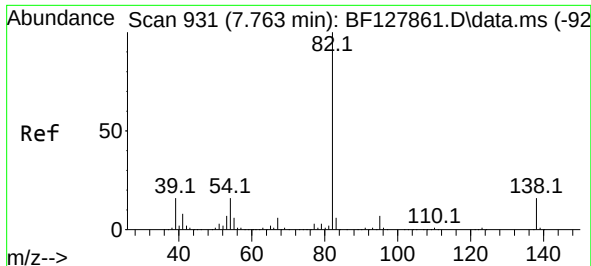
Tgt Ion:136	Resp: 361204
Ion Ratio	Lower Upper
136 100	
137 10.4	8.6 13.0
54 8.8	6.8 10.2
68 6.1	5.1 7.7



#23
Nitrobenzene-d5
Concen: 58.865 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion: 82	Resp: 452153
Ion Ratio	Lower Upper
82 100	
128 39.5	30.0 45.0
54 50.9	41.3 61.9

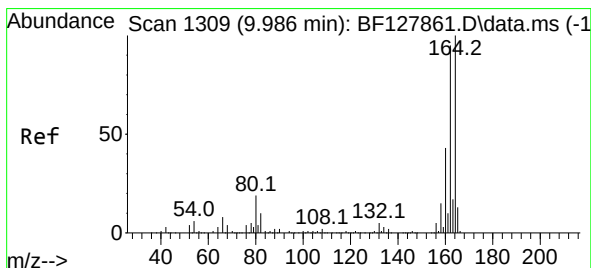
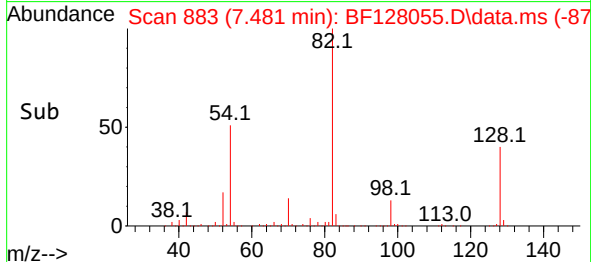
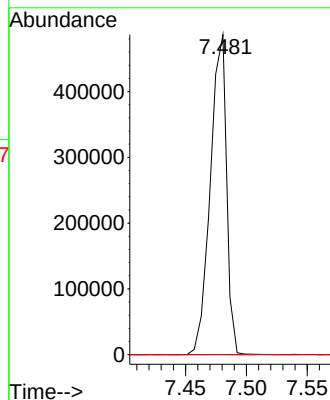
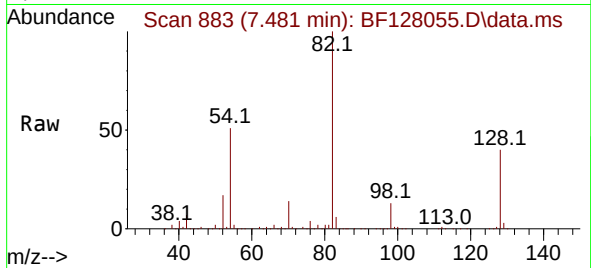




#25
Isophorone
Concen: 34.974 ng
RT: 7.481 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

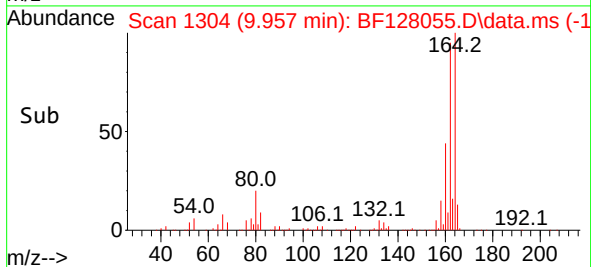
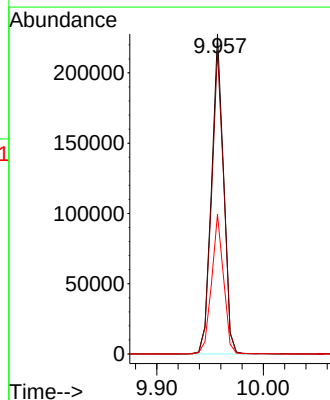
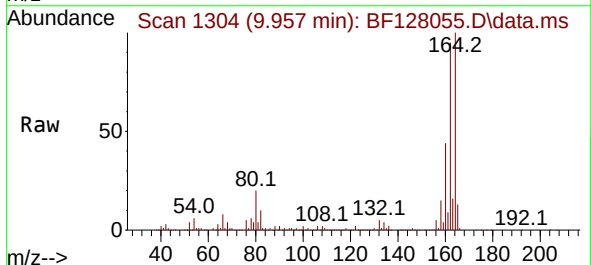
Instrument :
BNA_F
ClientSampleId :
22L097-C

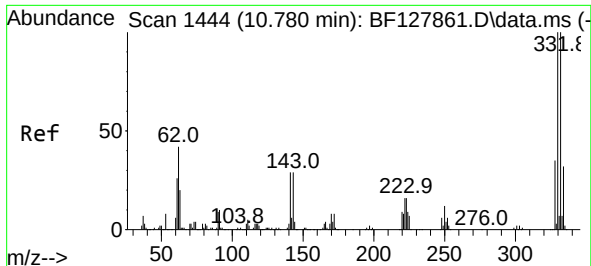
Tgt Ion: 82 Resp: 452147
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.957 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion:164 Resp: 178891
Ion Ratio Lower Upper
164 100
162 94.8 76.0 114.0
160 43.6 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 0.165 ng

RT: 10.745 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C

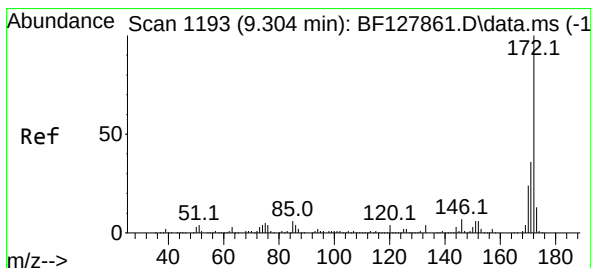
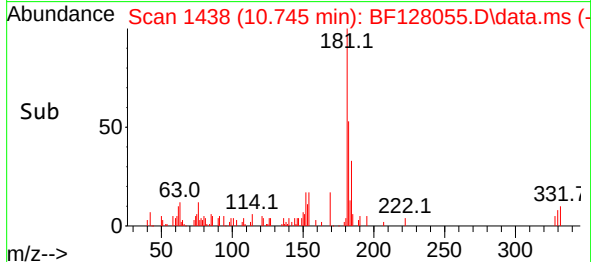
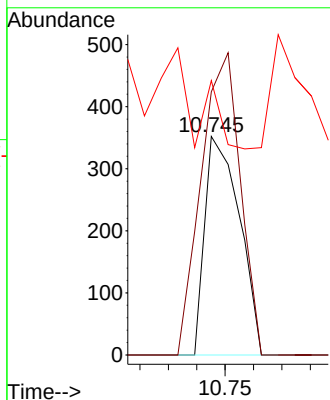
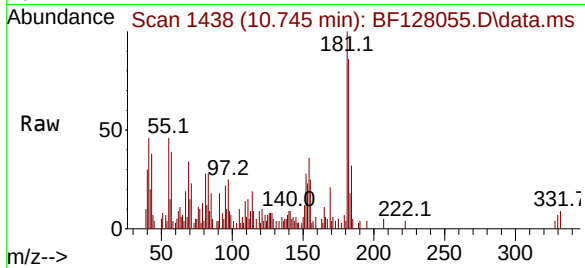
Tgt Ion:330 Resp: 298

Ion Ratio Lower Upper

330 100

332 156.4 79.0 118.4#

141 0.0 28.9 43.3#



#45

2-Fluorobiphenyl

Concen: 68.403 ng

RT: 9.275 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

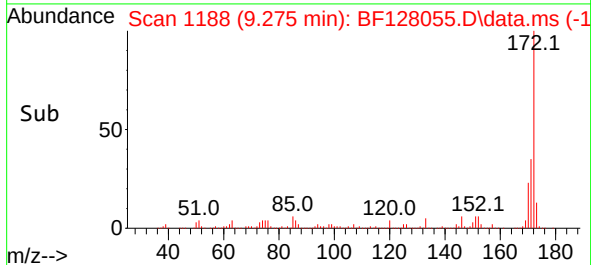
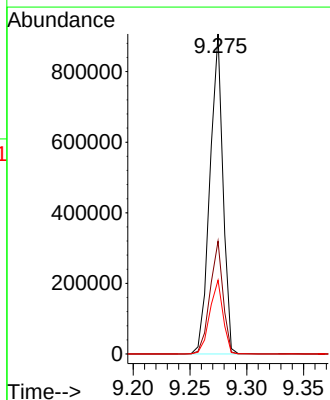
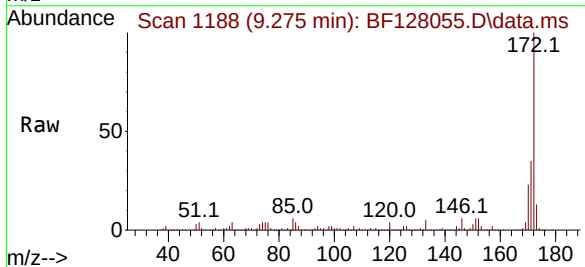
Tgt Ion:172 Resp: 723313

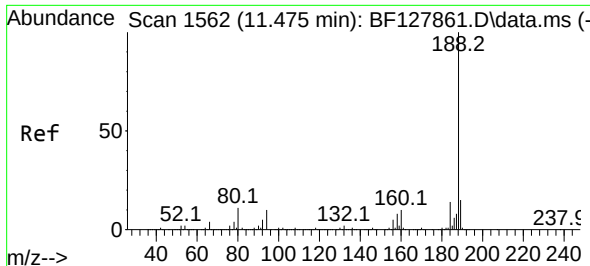
Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.1 19.1 28.7

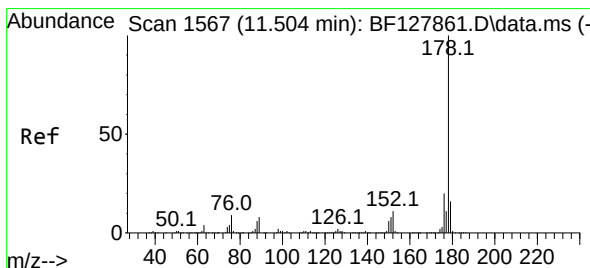
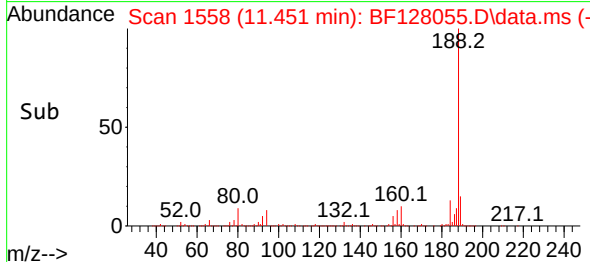
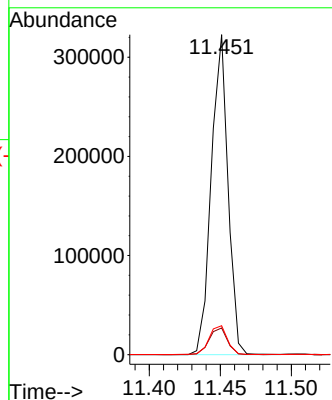
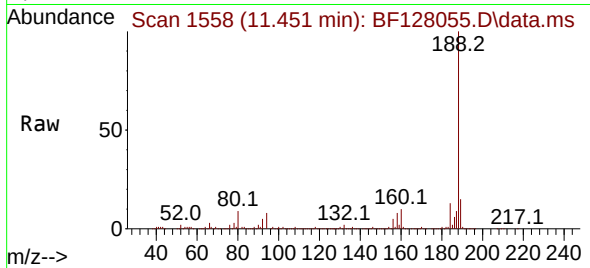




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

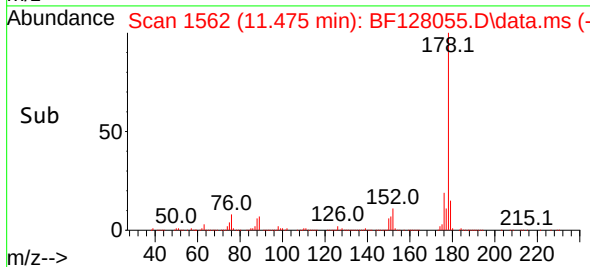
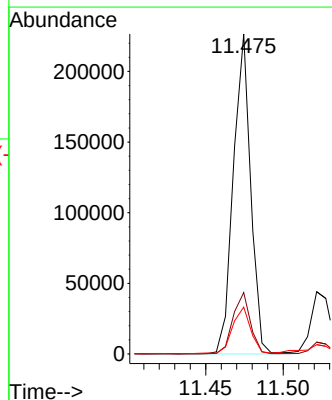
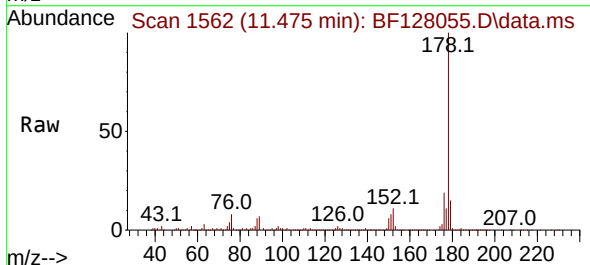
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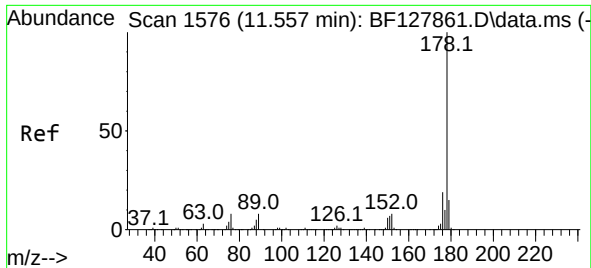
Tgt Ion:188 Resp: 263616
Ion Ratio Lower Upper
188 100
94 8.3 8.0 12.0
80 9.1 8.9 13.3



#71
Phenanthrene
Concen: 12.767 ng
RT: 11.475 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion:178 Resp: 176168
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 14.7 12.6 19.0

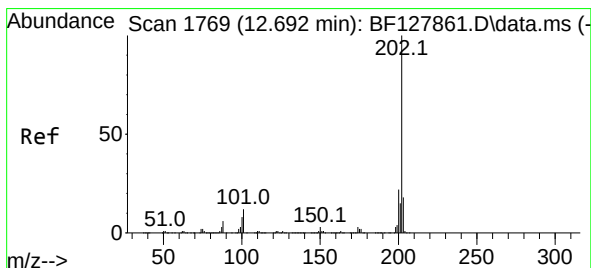
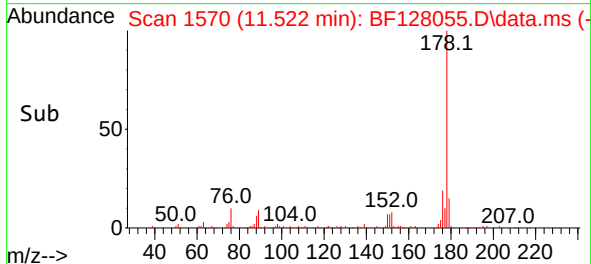
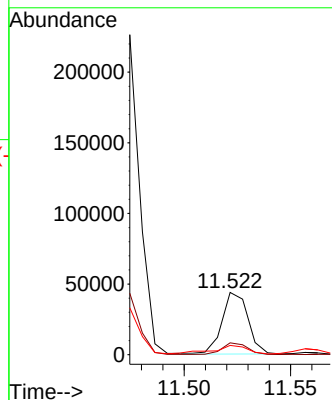
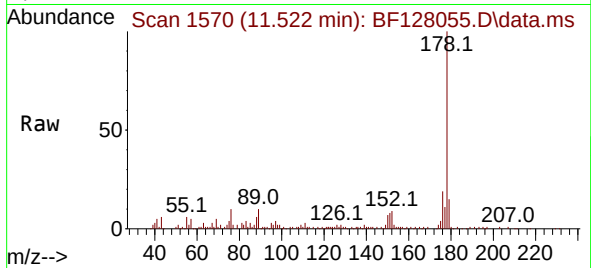




#72
 Anthracene
 Concen: 2.702 ng
 RT: 11.522 min Scan# 1
 Delta R.T. -0.012 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

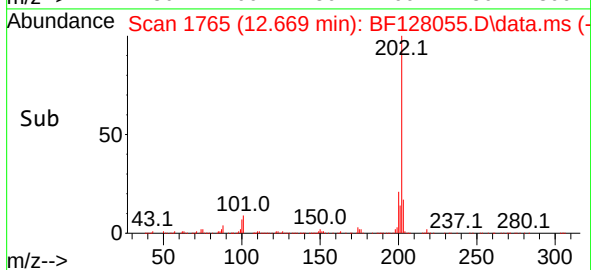
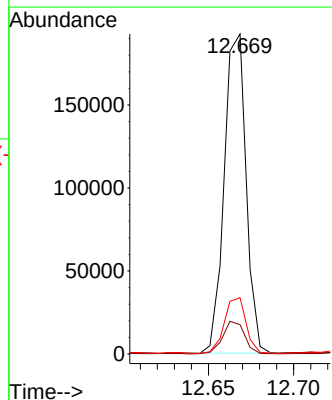
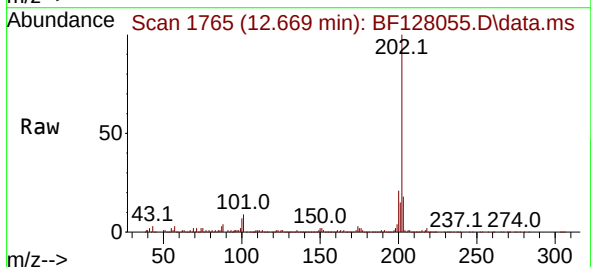
Instrument :
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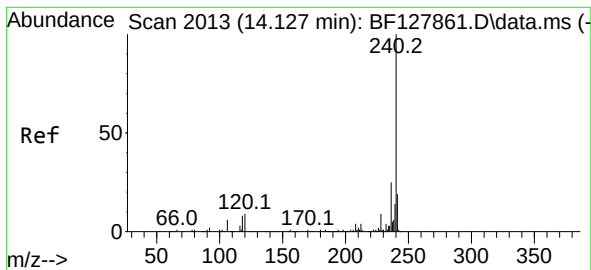
Tgt Ion:178 Resp: 37143
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.0 22.6
 179 14.9 12.4 18.6



#75
 Fluoranthene
 Concen: 11.823 ng
 RT: 12.669 min Scan# 1765
 Delta R.T. -0.006 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

Tgt Ion:202 Resp: 171699
 Ion Ratio Lower Upper
 202 100
 101 9.1 0.0 31.6
 203 17.6 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C

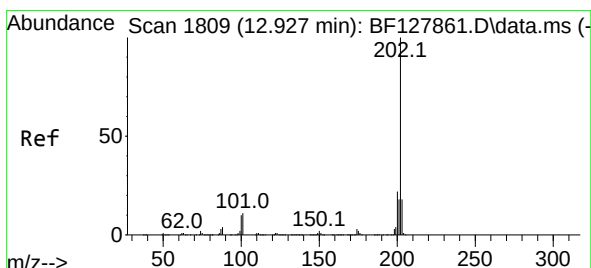
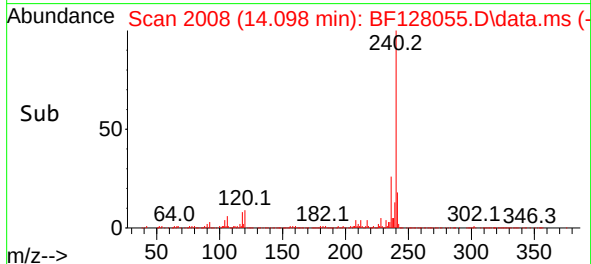
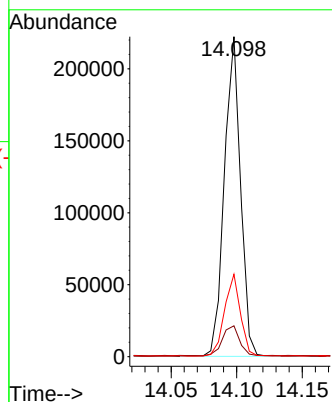
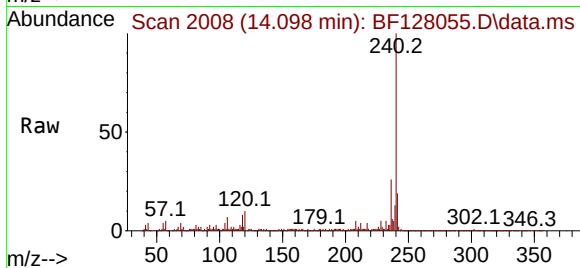
Tgt Ion:240 Resp: 190083

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

236 25.7 20.3 30.5



#78

Pyrene

Concen: 10.360 ng

RT: 12.898 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

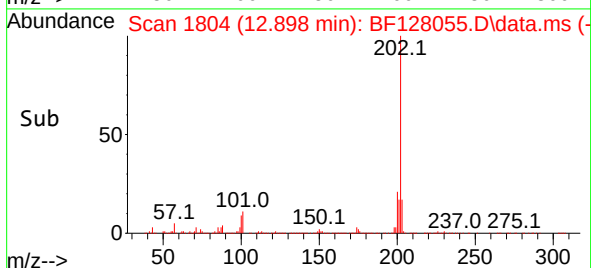
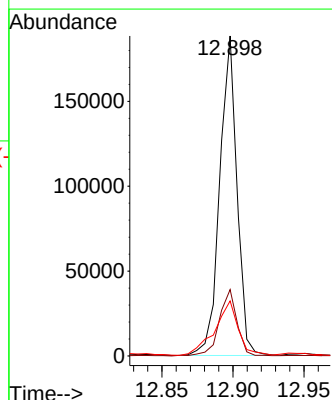
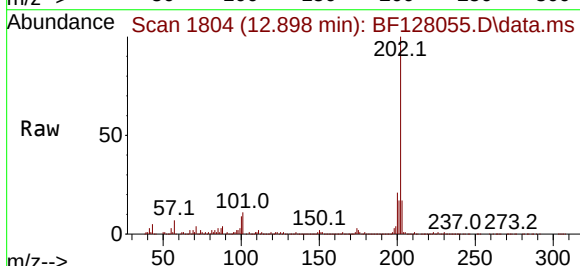
Tgt Ion:202 Resp: 158973

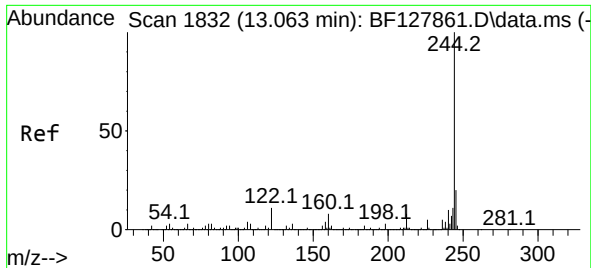
Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

203 17.2 14.0 21.0

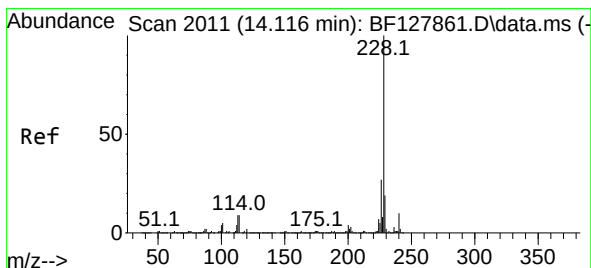
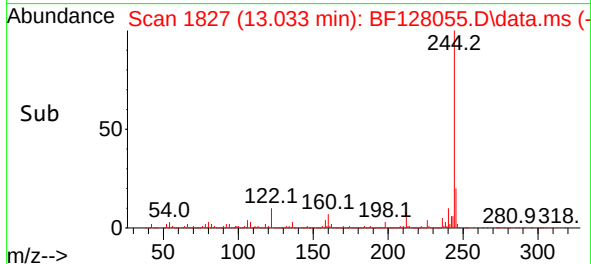
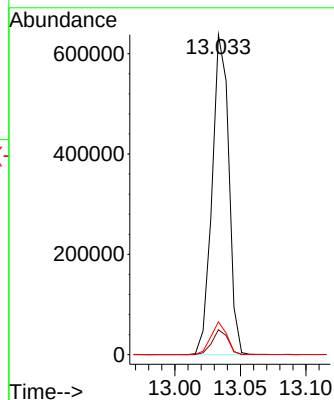
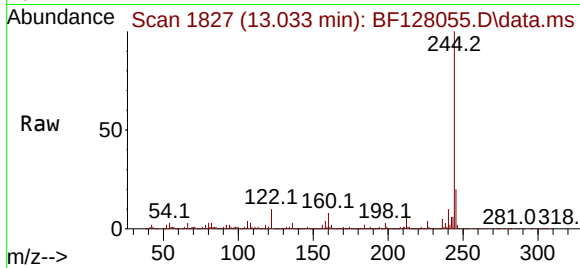




#79
 Terphenyl-d14
 Concen: 54.476 ng
 RT: 13.033 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

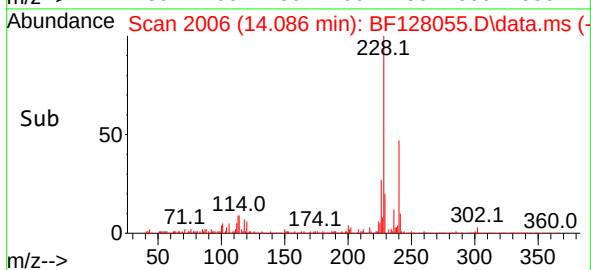
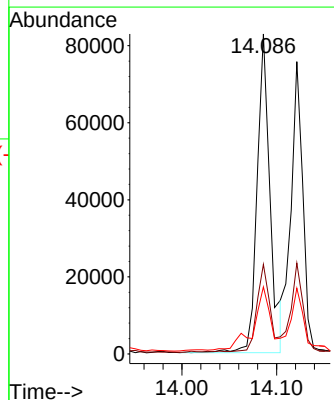
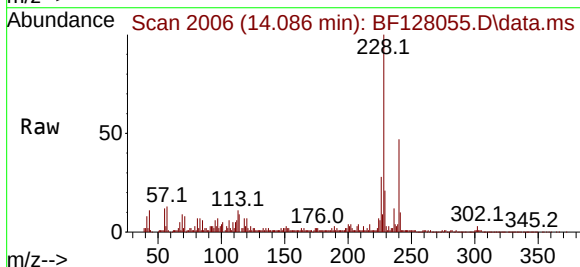
Instrument :
 BNA_F
 ClientSampleId :
 22L097-C

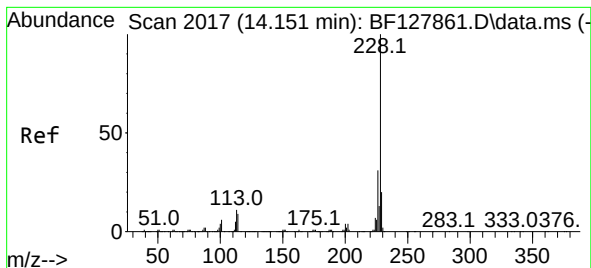
Tgt Ion:244 Resp: 566294
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.4
 122 10.2 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 6.214 ng
 RT: 14.086 min Scan# 2006
 Delta R.T. -0.006 min
 Lab File: BF128055.D
 Acq: 03 May 2022 19:41

Tgt Ion:228 Resp: 78732
 Ion Ratio Lower Upper
 228 100
 226 28.0 21.7 32.5
 229 20.9 15.4 23.2





#83

Chrysene

Concen: 5.432 ng

RT: 14.121 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C

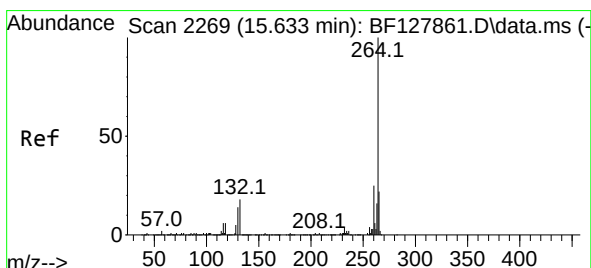
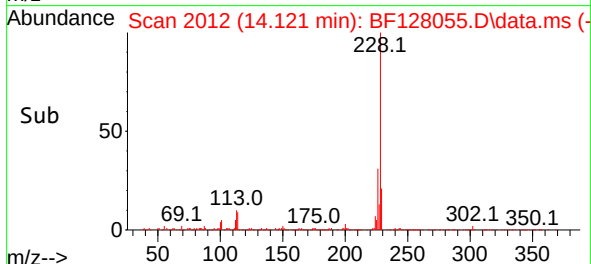
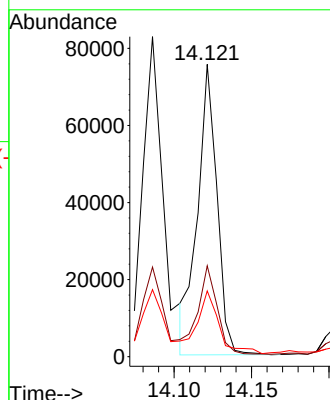
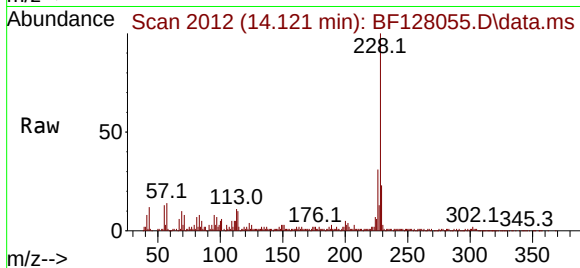
Tgt Ion:228 Resp: 65727

Ion Ratio Lower Upper

228 100

226 31.1 24.4 36.6

229 22.5 15.8 23.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 2264

Delta R.T. -0.006 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

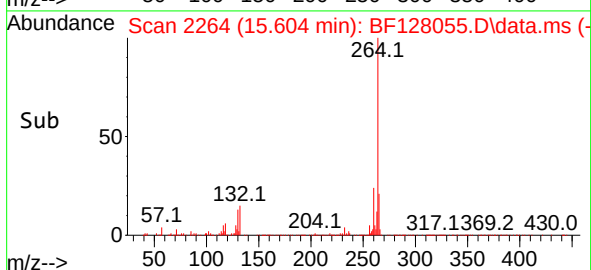
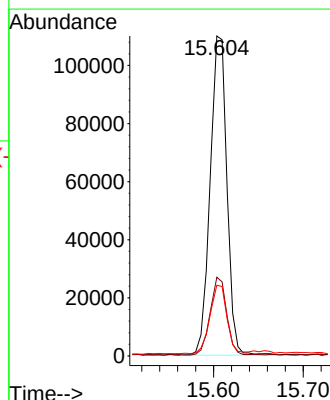
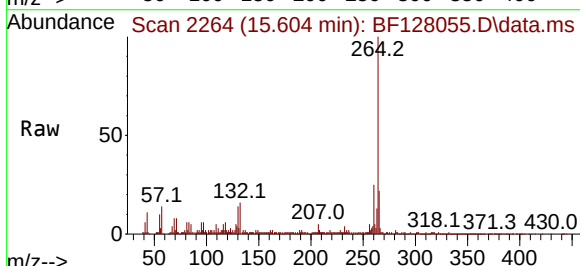
Tgt Ion:264 Resp: 142679

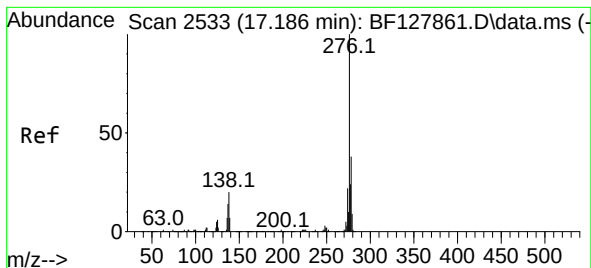
Ion Ratio Lower Upper

264 100

260 24.6 20.1 30.1

265 22.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.337 ng

RT: 17.139 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C

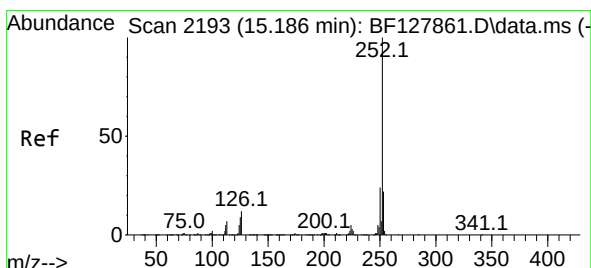
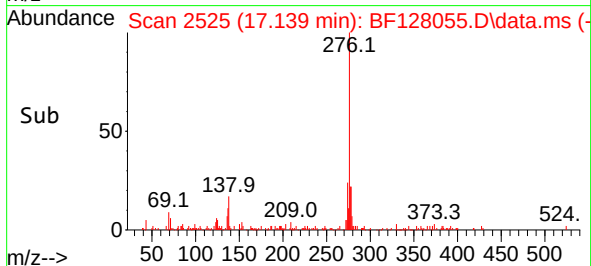
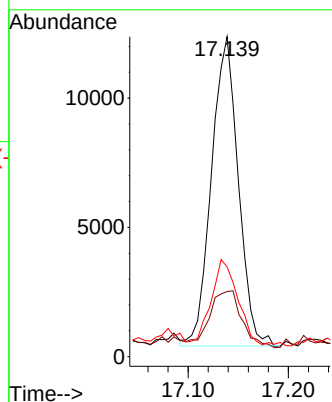
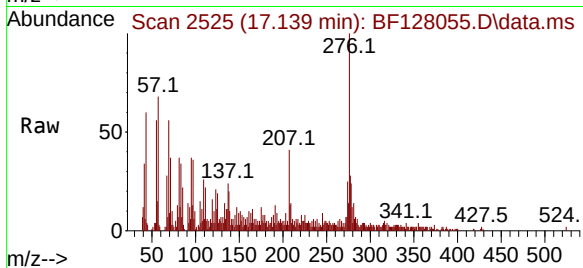
Tgt Ion:276 Resp: 22253

Ion Ratio Lower Upper

276 100

138 22.1 19.0 28.4

277 27.2 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 9.217 ng

RT: 15.157 min Scan# 2188

Delta R.T. -0.012 min

Lab File: BF128055.D

Acq: 03 May 2022 19:41

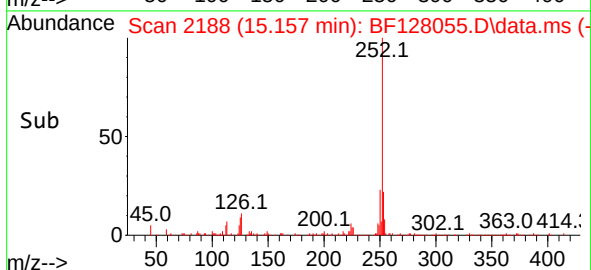
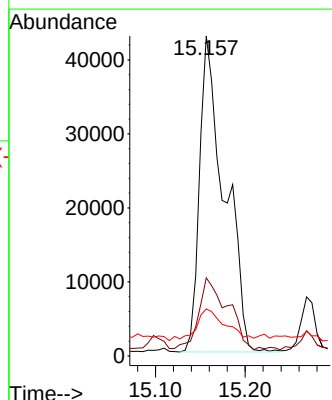
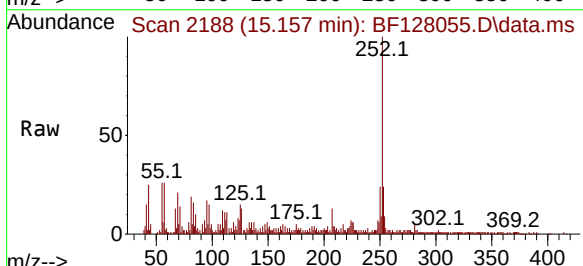
Tgt Ion:252 Resp: 82602

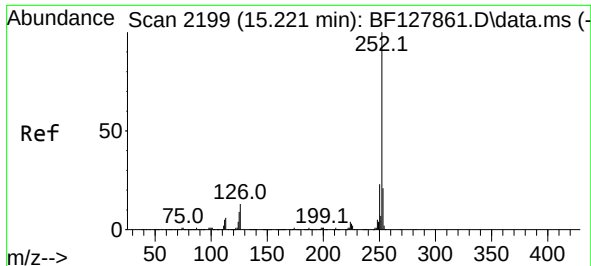
Ion Ratio Lower Upper

252 100

253 24.4 17.4 26.2

125 14.7 7.4 11.2#

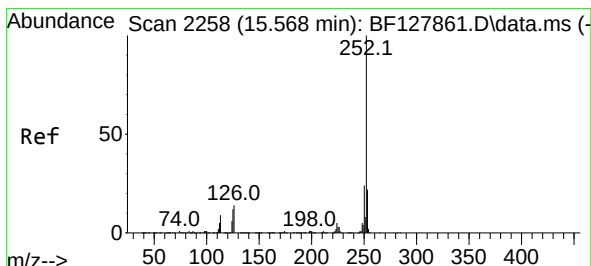
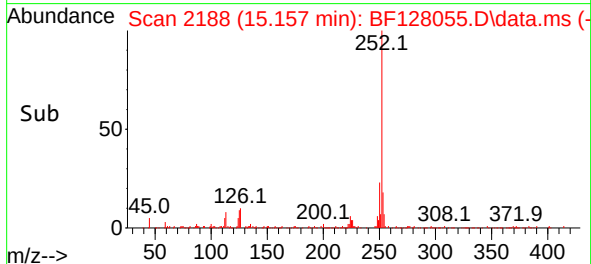
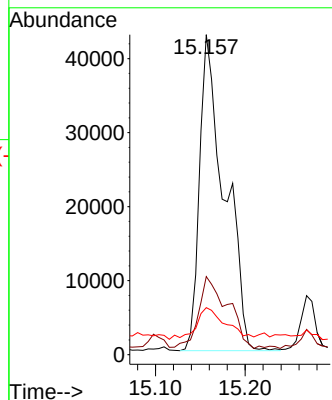
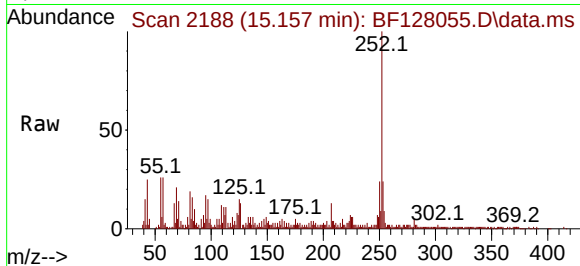




#89
Benzo(k)fluoranthene
Concen: 9.149 ng
RT: 15.157 min Scan# 2199
Delta R.T. -0.041 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

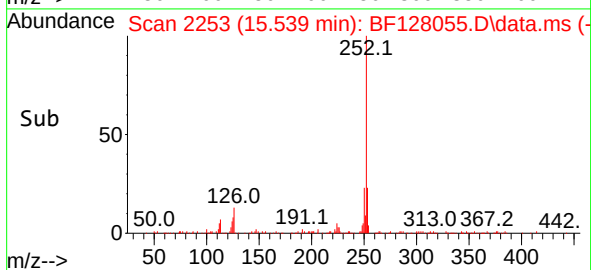
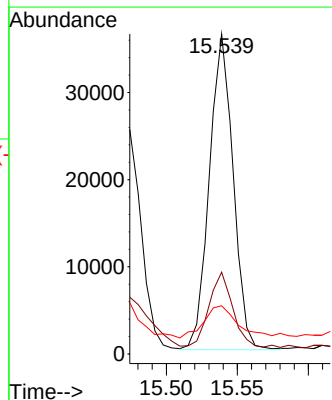
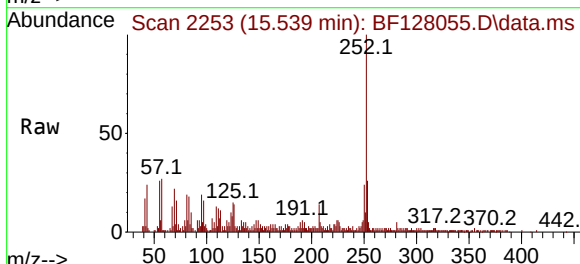
Instrument :
BNA_F
ClientSampleId :
22L097-C

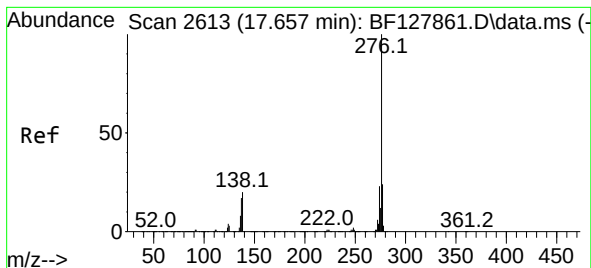
Tgt Ion:252 Resp: 82602
Ion Ratio Lower Upper
252 100
253 24.4 17.0 25.4
125 14.7 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 5.697 ng
RT: 15.539 min Scan# 2253
Delta R.T. -0.012 min
Lab File: BF128055.D
Acq: 03 May 2022 19:41

Tgt Ion:252 Resp: 42346
Ion Ratio Lower Upper
252 100
253 25.6 17.8 26.6
125 15.0 9.2 13.8#





#92

Benzo(g,h,i)perylene

Concen: 2.748 ng

RT: 17.604 min Scan# 20

Delta R.T. -0.029 min

Lab File: BF128055.D

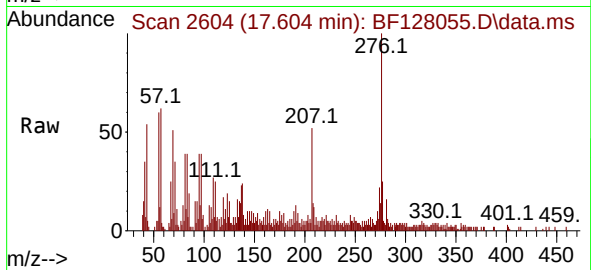
Acq: 03 May 2022 19:41

Instrument :

BNA_F

ClientSampleId :

22L097-C



Tgt Ion:276 Resp: 22121

Ion Ratio Lower Upper

276 100

277 25.2 18.8 28.2

138 23.8 16.2 24.2

