

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051622\
 Data File : BF128277.D
 Acq On : 16 May 2022 19:45
 Operator : CG\JU
 Sample : N2832-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB01

Quant Time: May 17 06:22:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 14 00:51:21 2022
 Response via : Initial Calibration

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

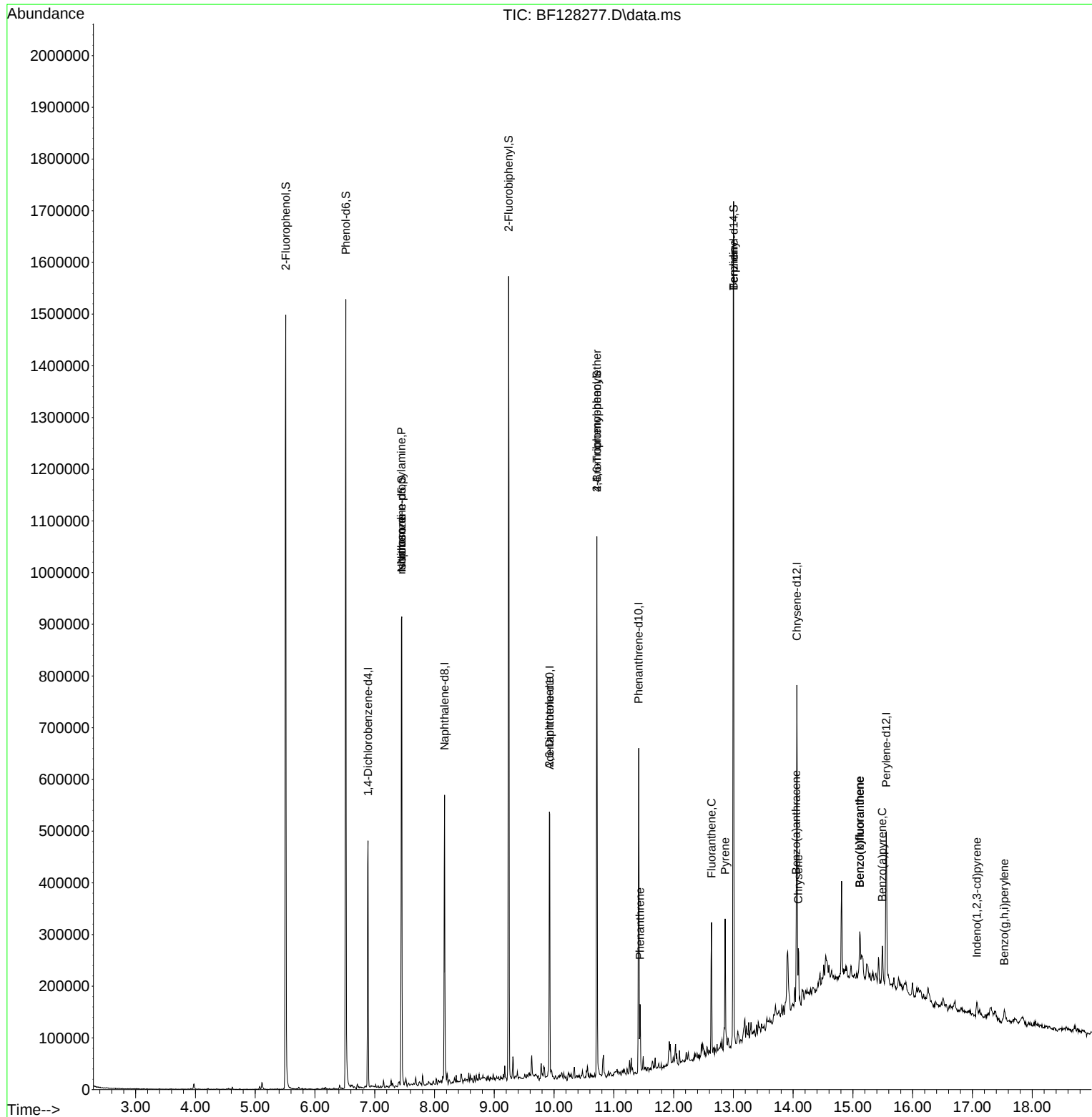
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	66376	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	221873	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	111666	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	208910	20.000	ng	0.00
76) Chrysene-d12	14.063	240	188828	20.000	ng	0.00
86) Perylene-d12	15.557	264	124627	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	362546	87.072	ng	0.00
7) Phenol-d6	6.516	99	443385	80.510	ng	-0.01
23) Nitrobenzene-d5	7.451	82	307317	62.325	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	107072	83.606	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	441350	61.843	ng	-0.01
79) Terphenyl-d14	13.004	244	563852	56.031	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	277	Below Cal	#	14
19) n-Nitroso-di-n-propyla...	7.445	70	40885	12.055	ng	# 81
25) Isophorone	7.451	82	306413	39.637	ng	# 68
51) 2,6-Dinitrotoluene	9.922	165	14529	9.191	ng	# 22
67) 4-Bromophenyl-phenylether	10.716	248	6567	2.922	ng	# 1
71) Phenanthrene	11.439	178	41239	3.964	ng	100
75) Fluoranthene	12.633	202	91753	8.136	ng	97
77) Benzidine	13.004	184	9688	2.369	ng	97
78) Pyrene	12.863	202	89434	6.532	ng	100
81) Benzo(a)anthracene	14.051	228	51792	4.294	ng	98
83) Chrysene	14.086	228	46065	4.003	ng	97
87) Indeno(1,2,3-cd)pyrene	17.074	276	19497	2.586	ng	95
88) Benzo(b)fluoranthene	15.116	252	63994	8.283	ng	# 90
89) Benzo(k)fluoranthene	15.116	252	63994	8.391	ng	# 88
90) Benzo(a)pyrene	15.492	252	32558	5.220	ng	# 93
92) Benzo(g,h,i)perylene	17.533	276	21357	3.456	ng	# 93

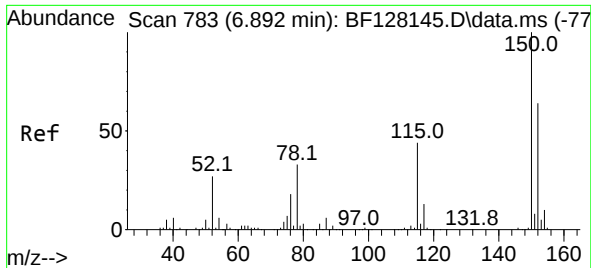
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
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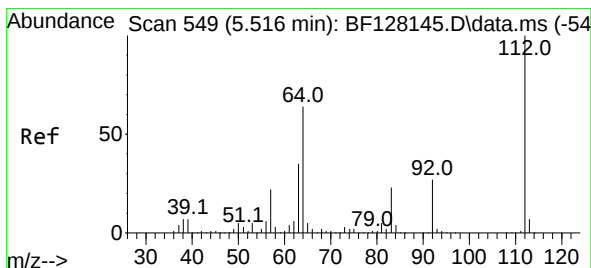
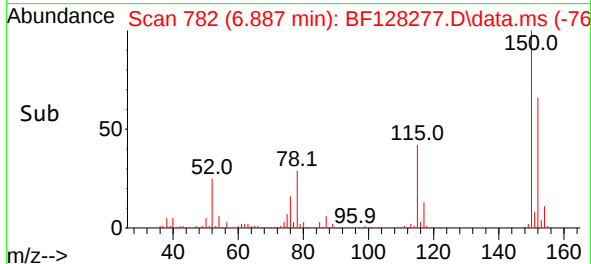
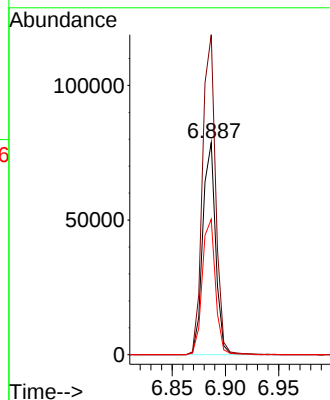
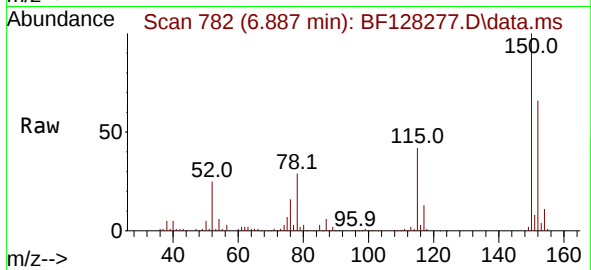




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

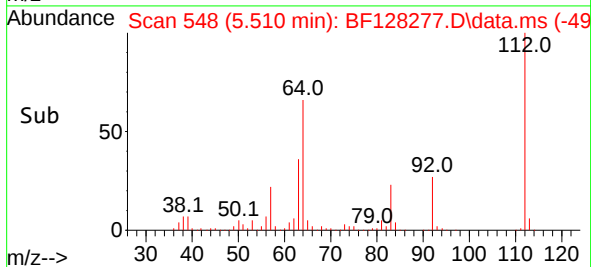
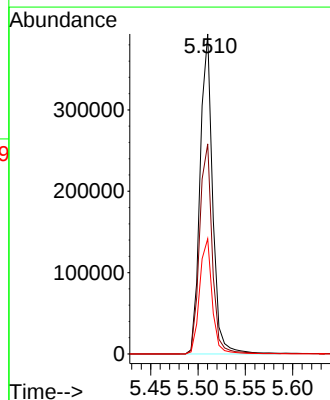
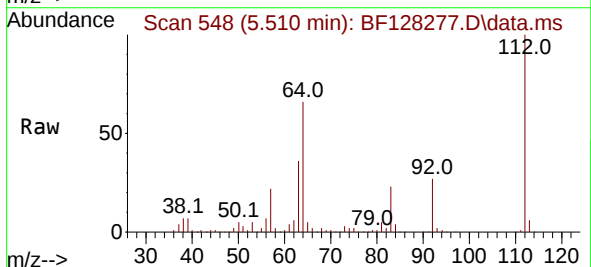
Instrument :
BNA_F
ClientSampleId :
SB01

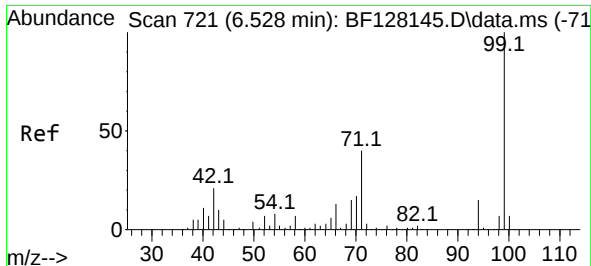
Tgt Ion:152 Resp: 66376
Ion Ratio Lower Upper
152 100
150 150.9 125.3 187.9
115 63.8 48.8 73.2



#5
2-Fluorophenol
Concen: 87.072 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:112 Resp: 362546
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 36.0 26.3 39.5

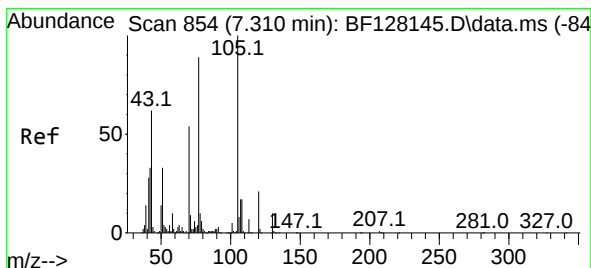
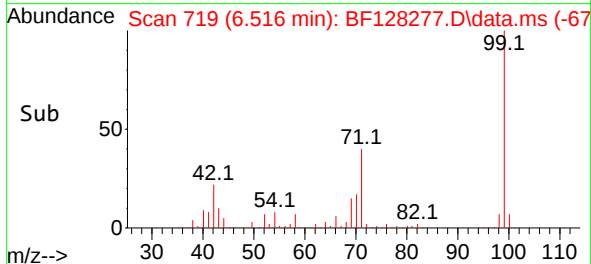
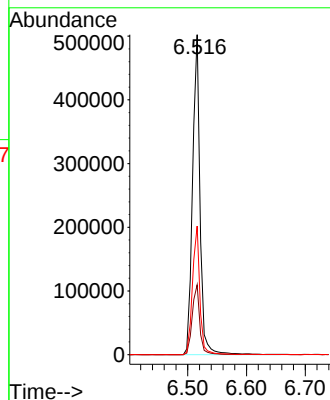
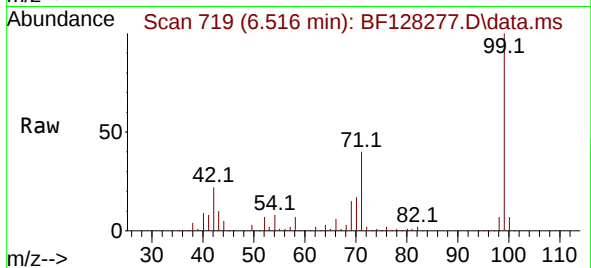




#7
Phenol-d6
Concen: 80.510 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

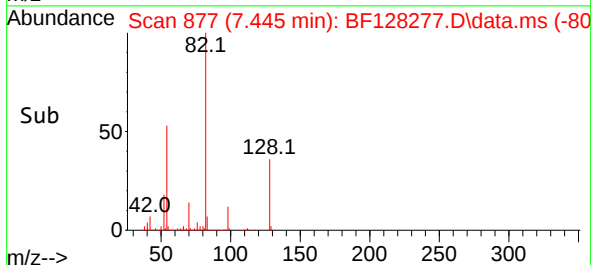
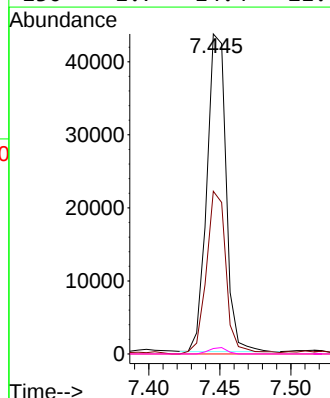
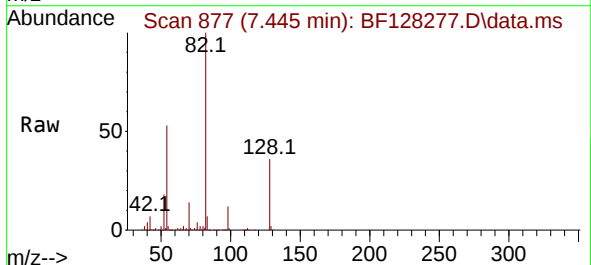
Instrument :
BNA_F
ClientSampleId :
SB01

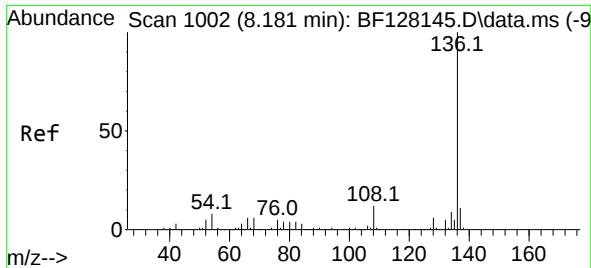
Tgt Ion: 99 Resp: 443385
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 40.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.055 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.141 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion: 70 Resp: 40885
Ion Ratio Lower Upper
70 100
42 50.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#

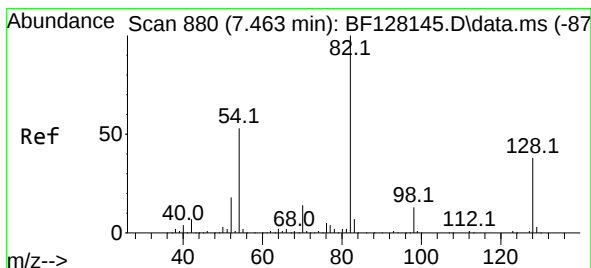
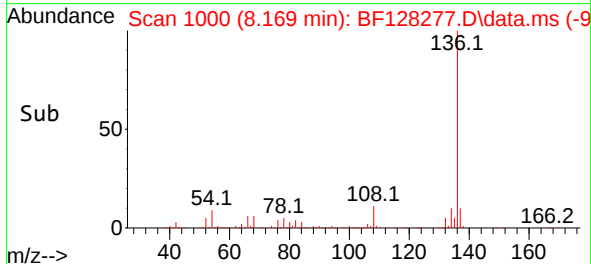
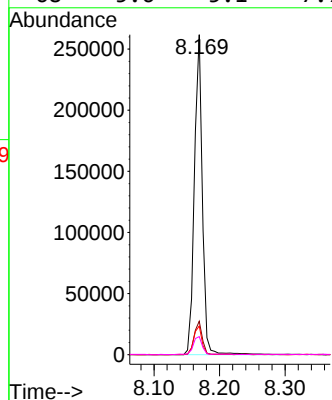
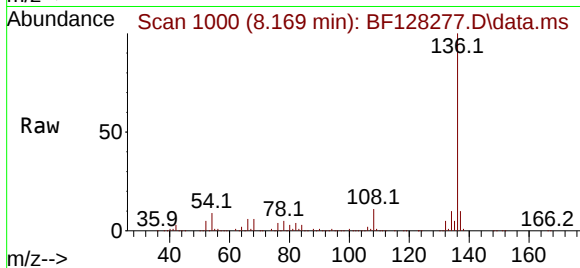




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

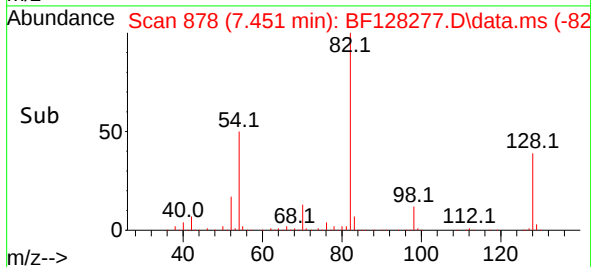
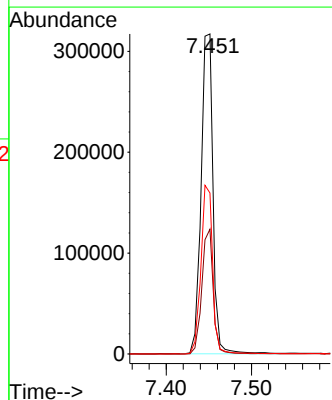
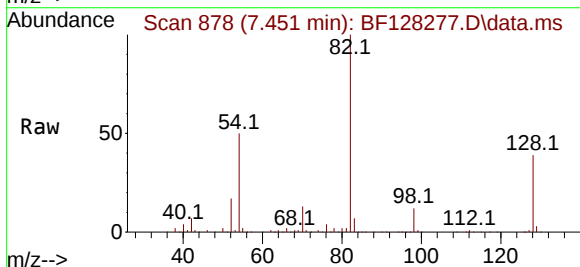
Instrument :
BNA_F
ClientSampleId :
SB01

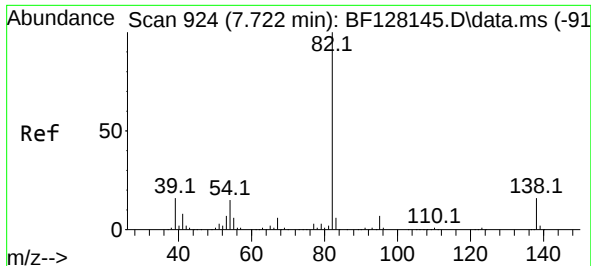
Tgt Ion:136 Resp: 221873
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.9 6.8 10.2
68 5.6 5.1 7.7



#23
Nitrobenzene-d5
Concen: 62.325 ng
RT: 7.451 min Scan# 878
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion: 82 Resp: 307317
Ion Ratio Lower Upper
82 100
128 39.0 30.0 45.0
54 50.3 41.3 61.9

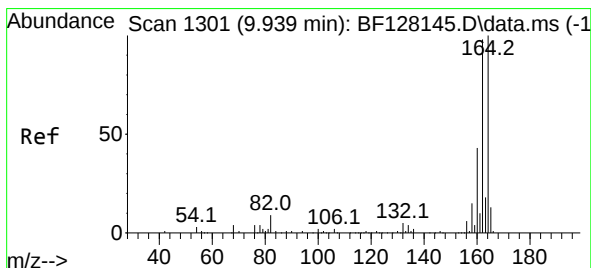
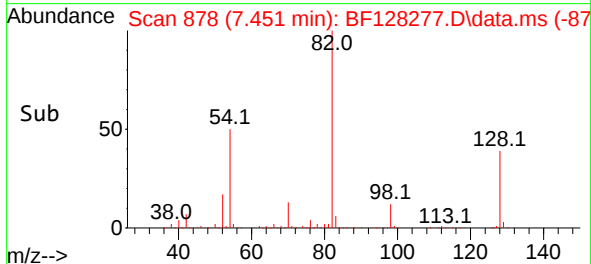
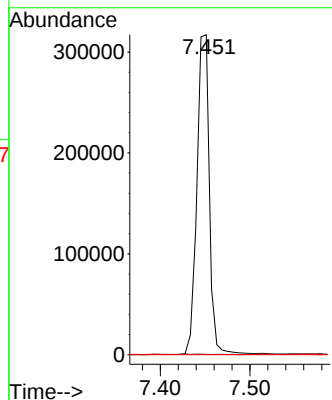
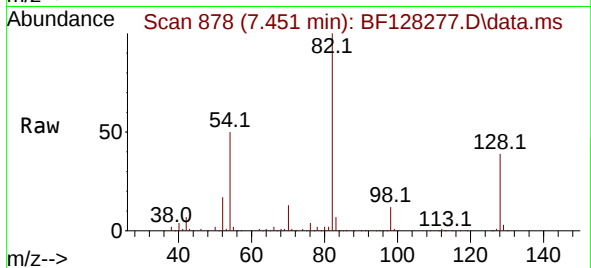




#25
Isophorone
Concen: 39.637 ng
RT: 7.451 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

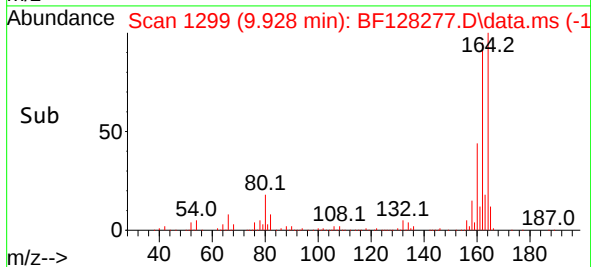
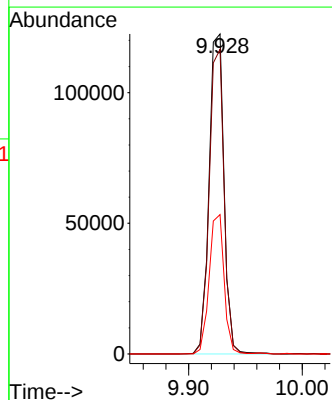
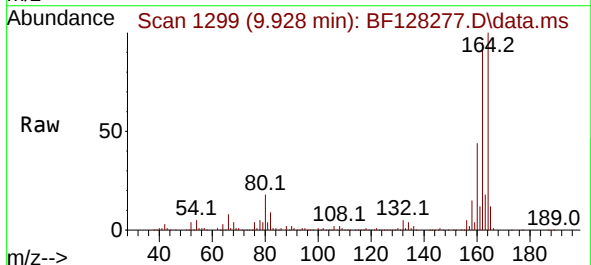
Instrument :
BNA_F
ClientSampleId :
SB01

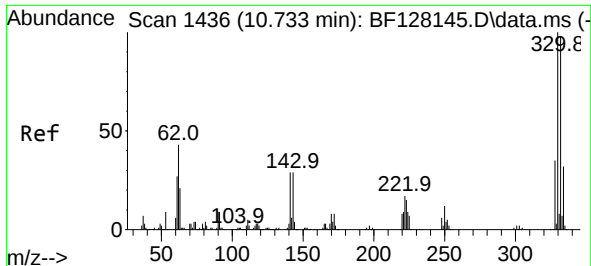
Tgt Ion: 82 Resp: 306413
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1299
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:164 Resp: 111666
Ion Ratio Lower Upper
164 100
162 95.2 76.0 114.0
160 43.5 34.8 52.2

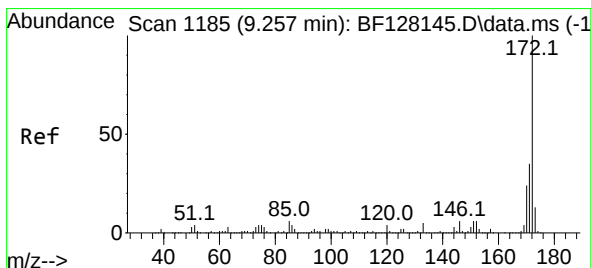
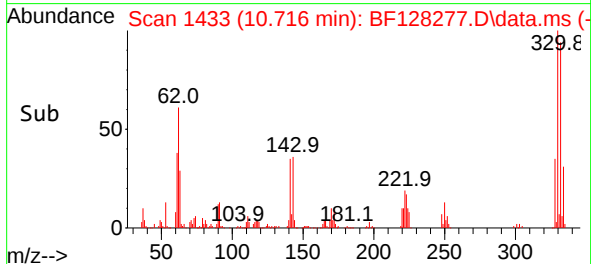
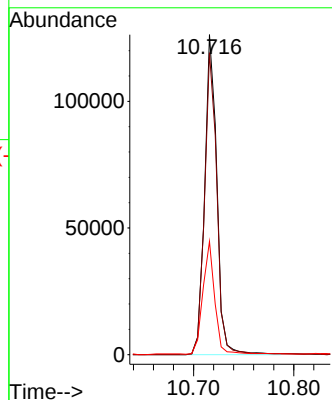
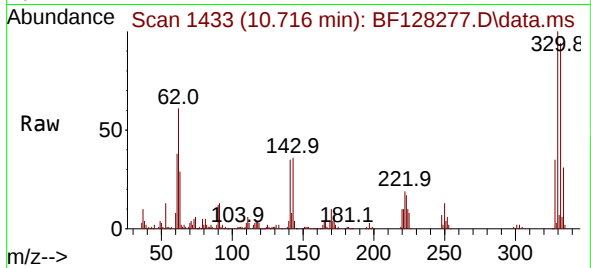




#42
2,4,6-Tribromophenol
Concen: 83.606 ng
RT: 10.716 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

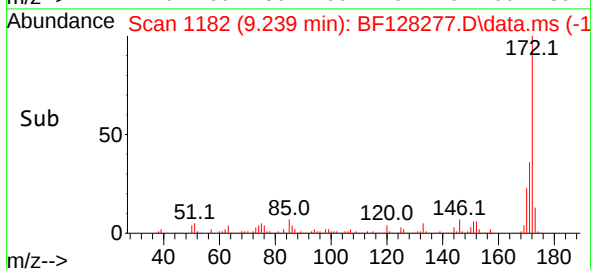
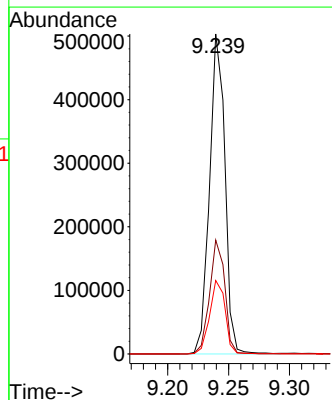
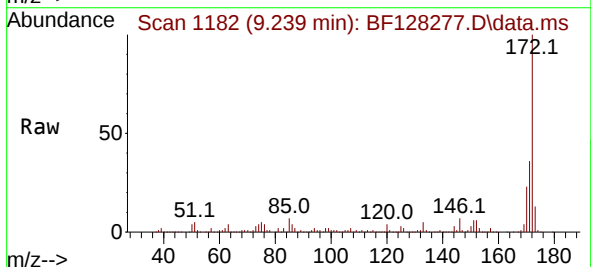
Instrument :
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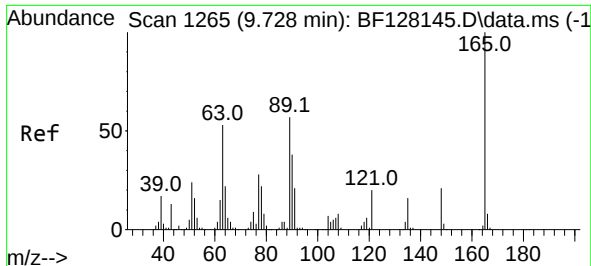
Tgt Ion:330 Resp: 107072
Ion Ratio Lower Upper
330 100
332 96.3 79.0 118.4
141 34.3 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 61.843 ng
RT: 9.239 min Scan# 1182
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:172 Resp: 441350
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.0 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.191 ng

RT: 9.922 min Scan# 1

Delta R.T. 0.200 min

Lab File: BF128277.D

Acq: 16 May 2022 19:45

Instrument :

BNA_F

ClientSampleId :

SB01

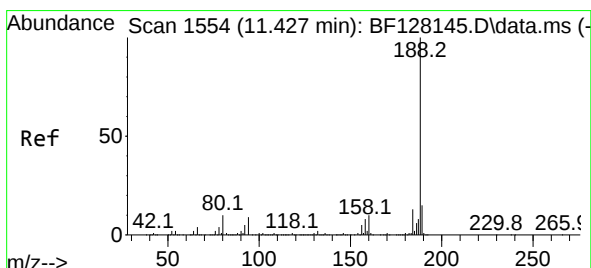
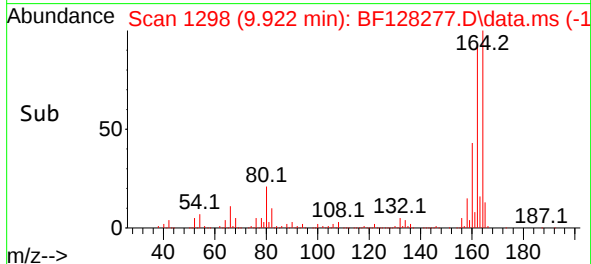
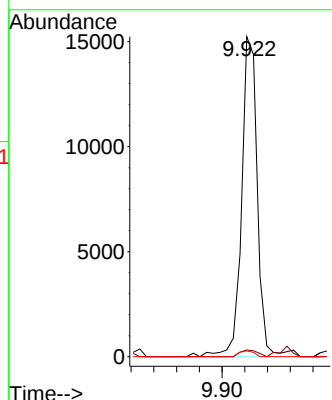
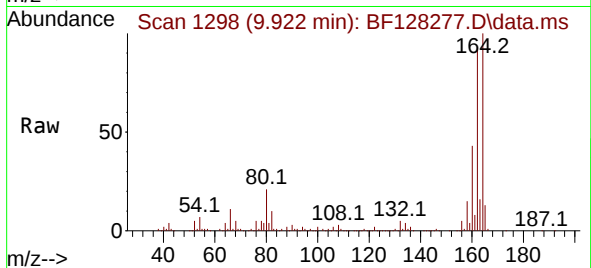
Tgt Ion:165 Resp: 14529

Ion Ratio Lower Upper

165 100

63 2.1 49.5 74.3#

89 1.8 49.0 73.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1552

Delta R.T. -0.006 min

Lab File: BF128277.D

Acq: 16 May 2022 19:45

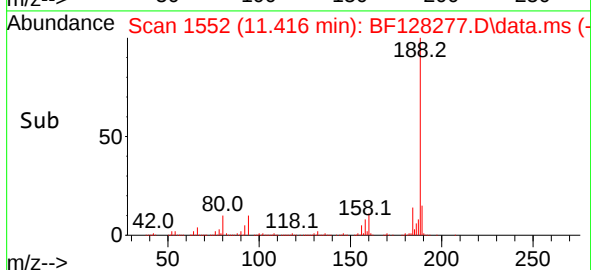
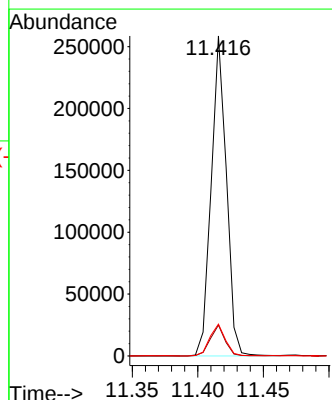
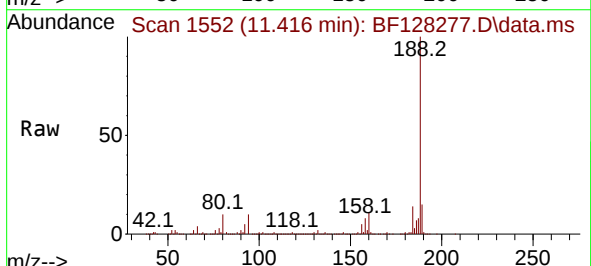
Tgt Ion:188 Resp: 208910

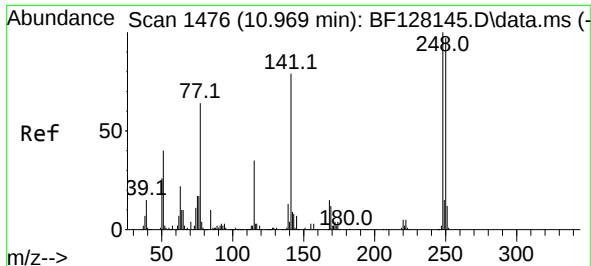
Ion Ratio Lower Upper

188 100

94 9.6 8.0 12.0

80 10.0 8.9 13.3

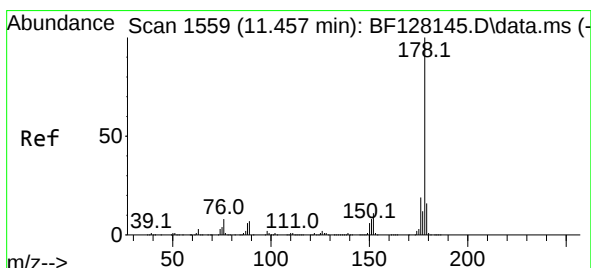
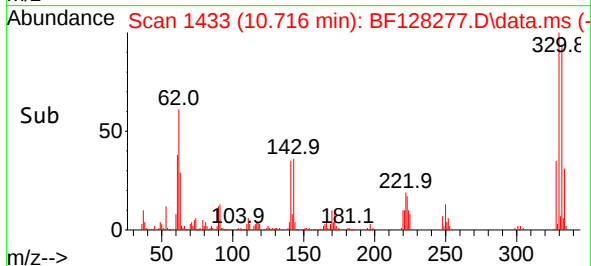
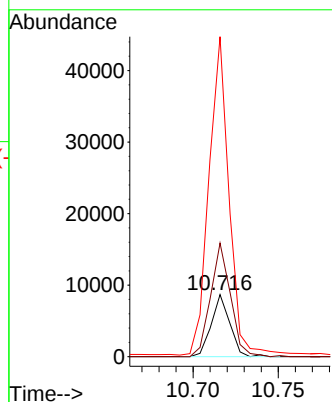
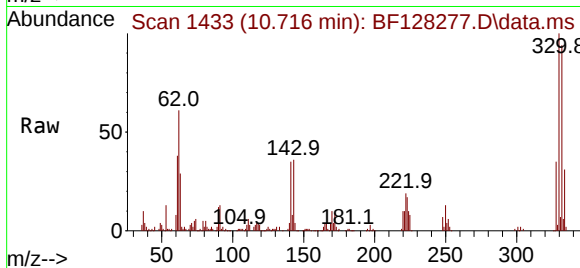




#67
4-Bromophenyl-phenylether
Concen: 2.922 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

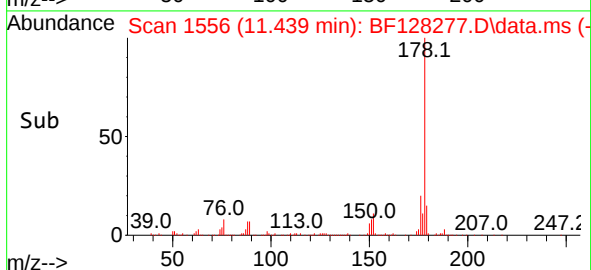
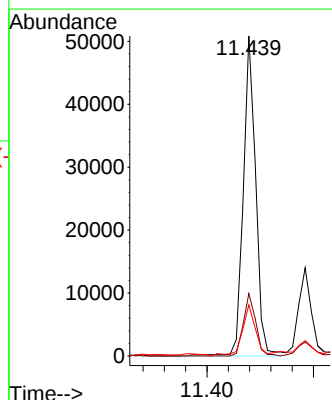
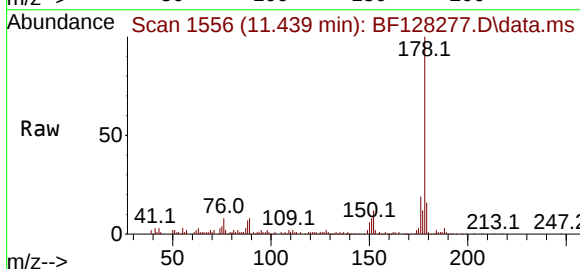
Instrument :
BNA_F
ClientSampleId :
SB01

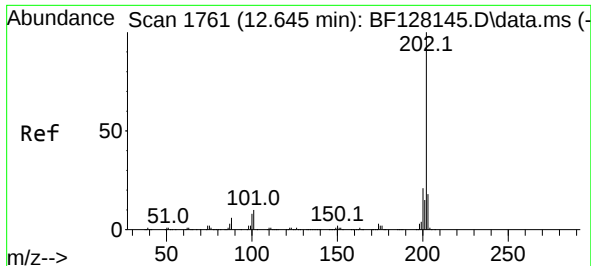
Tgt Ion:248 Resp: 6567
Ion Ratio Lower Upper
248 100
250 183.0 77.7 116.5#
141 515.7 65.6 98.4#



#71
Phenanthrene
Concen: 3.964 ng
RT: 11.439 min Scan# 1556
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:178 Resp: 41239
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 16.0 12.6 19.0

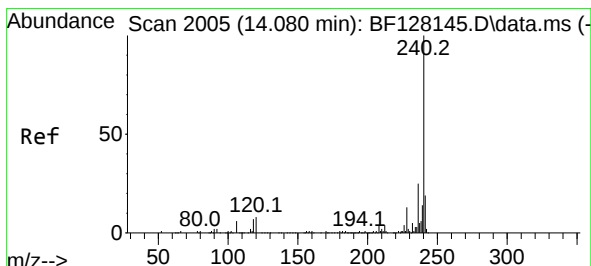
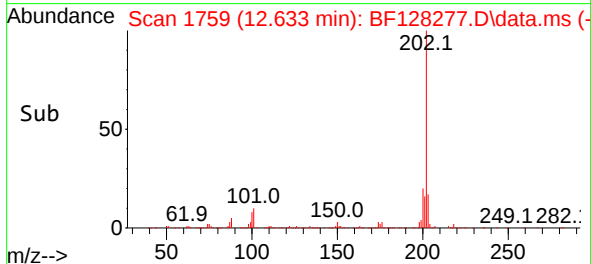
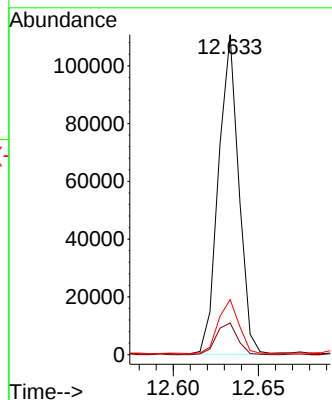
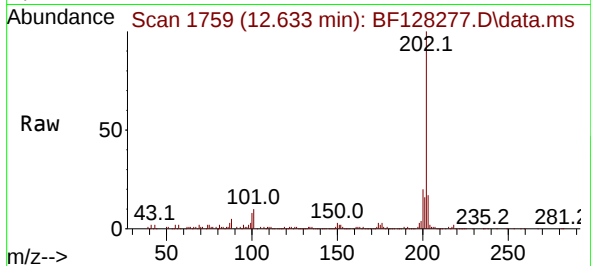




#75
Fluoranthene
Concen: 8.136 ng
RT: 12.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

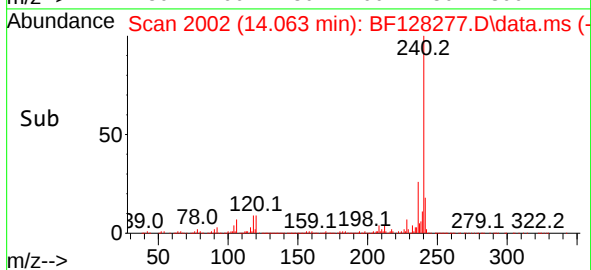
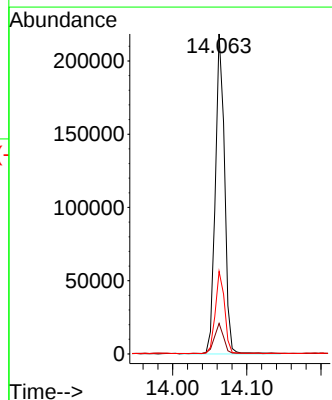
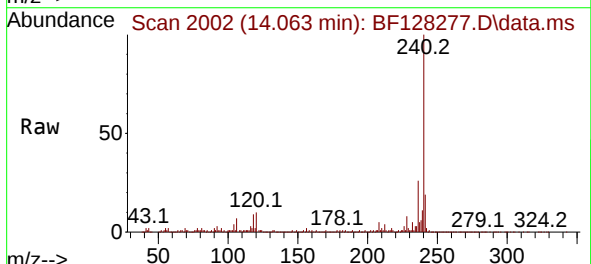
Instrument :
BNA_F
ClientSampleId :
SB01

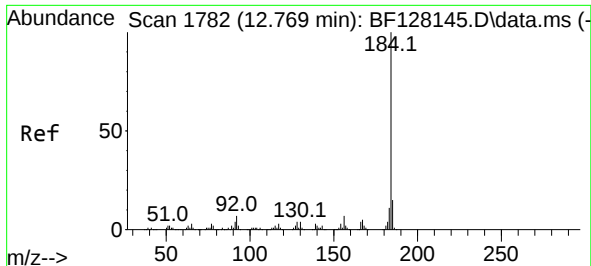
Tgt Ion:202 Resp: 91753
Ion Ratio Lower Upper
202 100
101 9.9 0.0 31.6
203 17.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:240 Resp: 188828
Ion Ratio Lower Upper
240 100
120 9.6 7.0 10.6
236 25.8 20.3 30.5

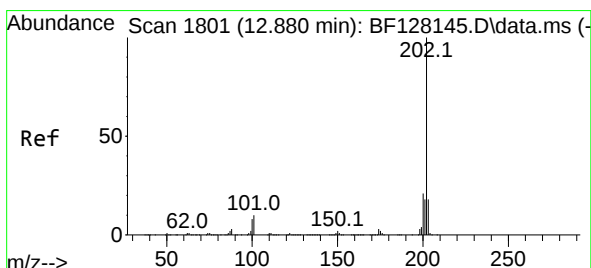
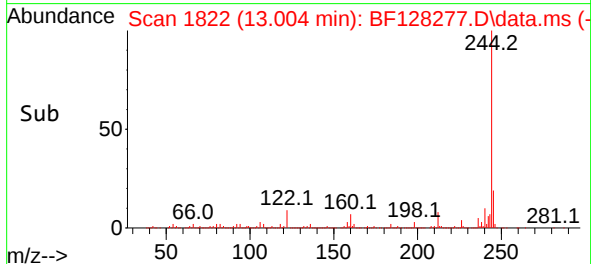
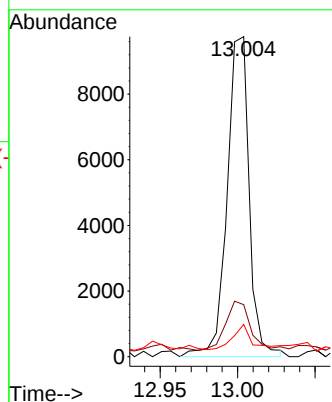
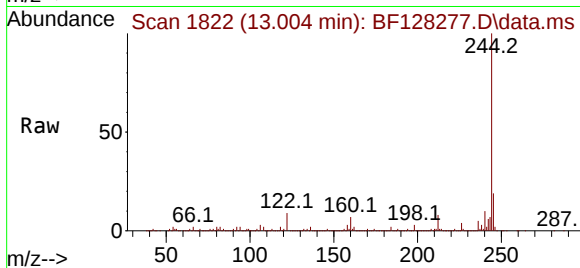




#77
Benzidine
Concen: 2.369 ng
RT: 13.004 min Scan# 1798
Delta R.T. 0.247 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

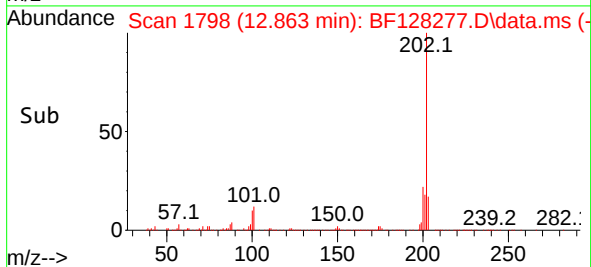
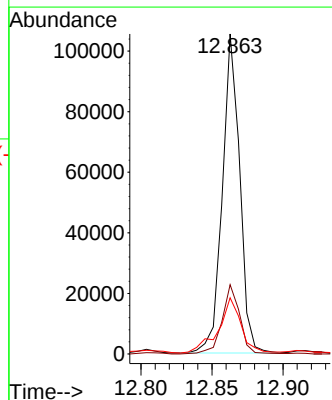
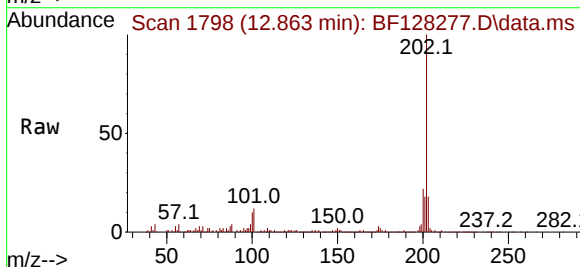
Instrument :
BNA_F
ClientSampleId :
SB01

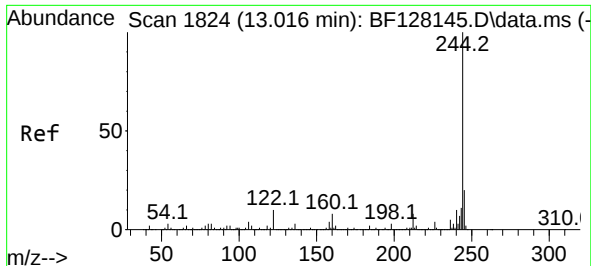
Tgt Ion:184 Resp: 9688
Ion Ratio Lower Upper
184 100
185 16.3 12.1 18.1
183 10.1 9.0 13.4



#78
Pyrene
Concen: 6.532 ng
RT: 12.863 min Scan# 1798
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:202 Resp: 89434
Ion Ratio Lower Upper
202 100
200 21.6 17.4 26.2
203 17.6 14.0 21.0

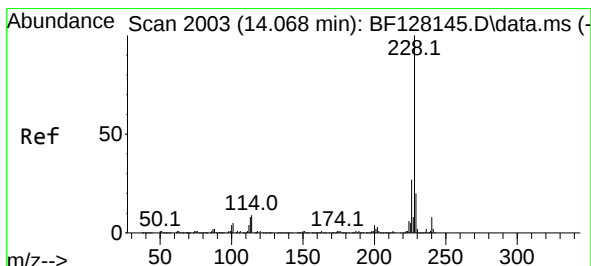
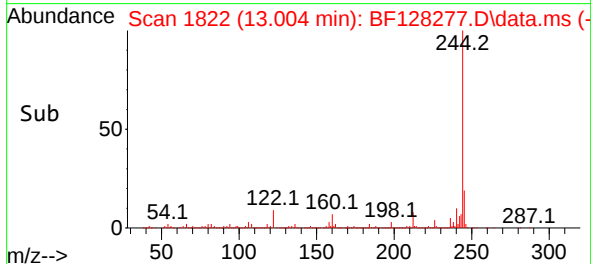
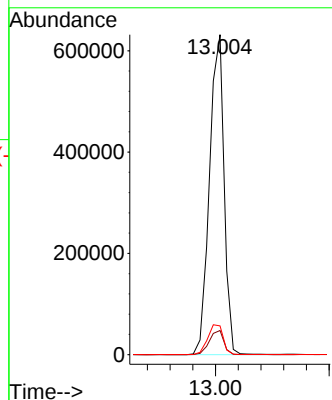
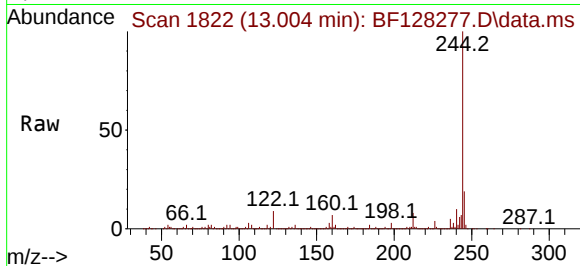




#79
 Terphenyl-d14
 Concen: 56.031 ng
 RT: 13.004 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128277.D
 Acq: 16 May 2022 19:45

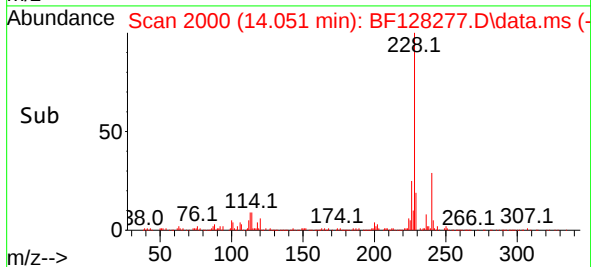
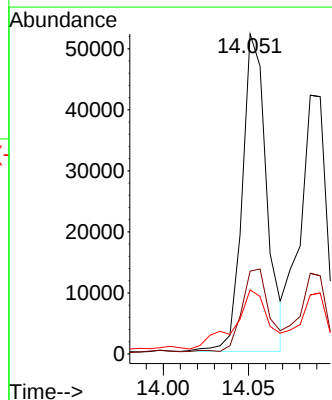
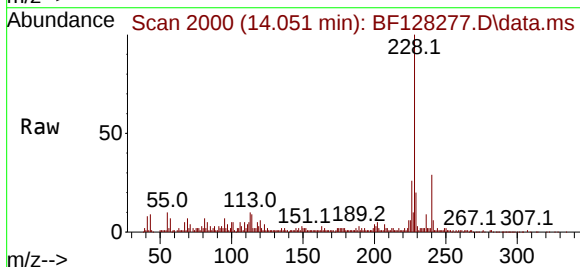
Instrument :
 BNA_F
 ClientSampleId :
 SB01

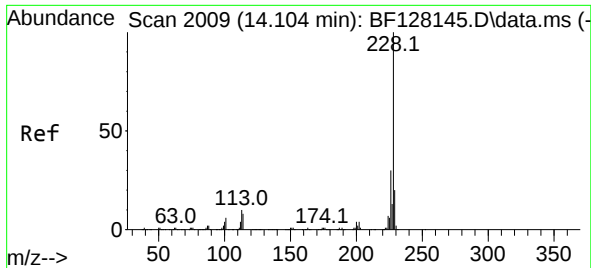
Tgt Ion:244 Resp: 563852
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.4
 122 9.0 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 4.294 ng
 RT: 14.051 min Scan# 2000
 Delta R.T. -0.006 min
 Lab File: BF128277.D
 Acq: 16 May 2022 19:45

Tgt Ion:228 Resp: 51792
 Ion Ratio Lower Upper
 228 100
 226 25.9 21.7 32.5
 229 20.0 15.4 23.2

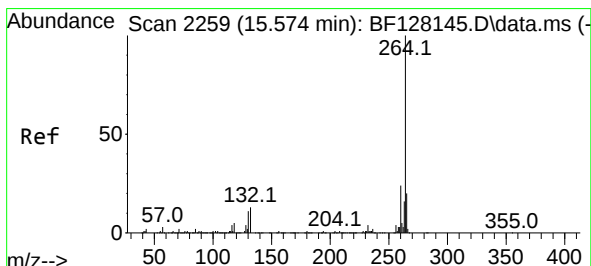
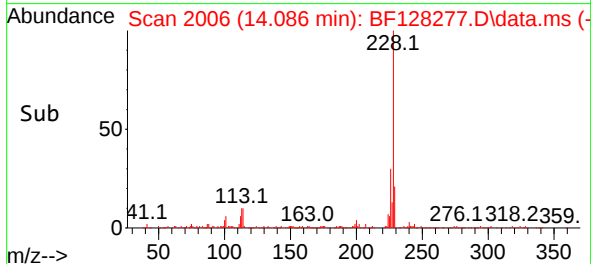
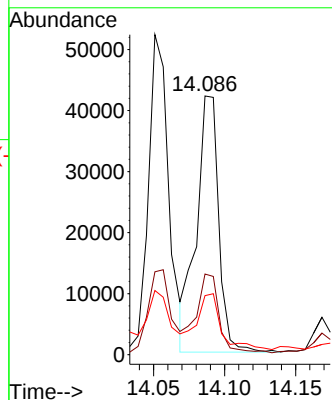
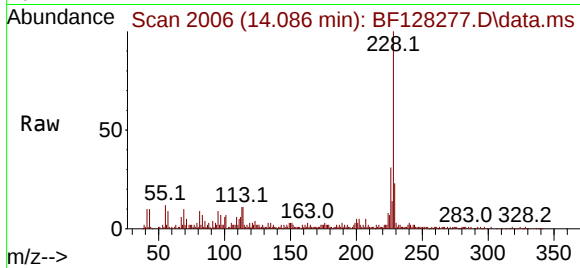




#83
Chrysene
Concen: 4.003 ng
RT: 14.086 min Scan# 2009
Delta R.T. -0.012 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

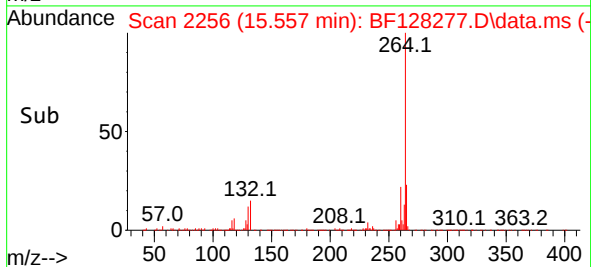
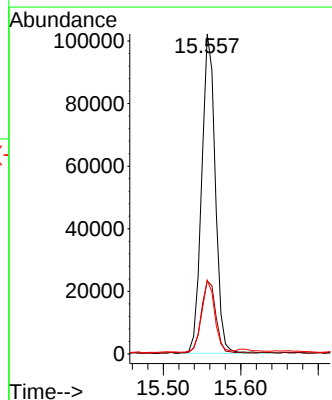
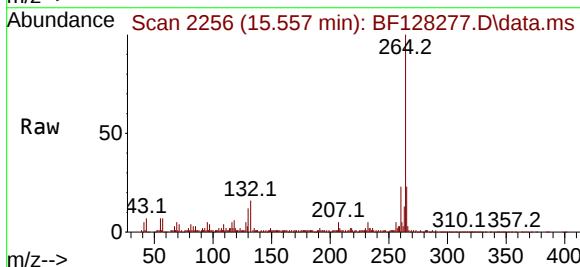
Instrument :
BNA_F
ClientSampleId :
SB01

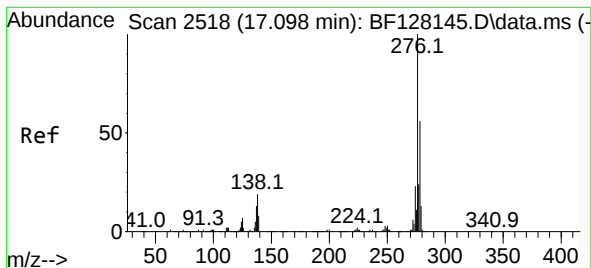
Tgt Ion:228 Resp: 46065
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 22.8 15.8 23.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

Tgt Ion:264 Resp: 124627
Ion Ratio Lower Upper
264 100
260 22.8 20.1 30.1
265 23.1 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.586 ng

RT: 17.074 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128277.D

Acq: 16 May 2022 19:45

Instrument :

BNA_F

ClientSampleId :

SB01

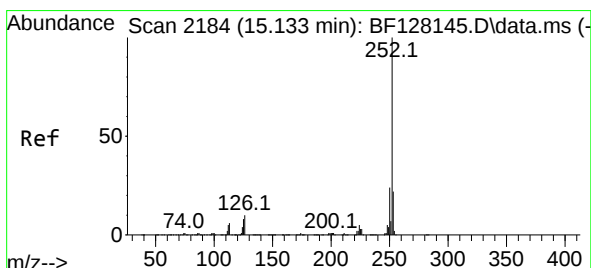
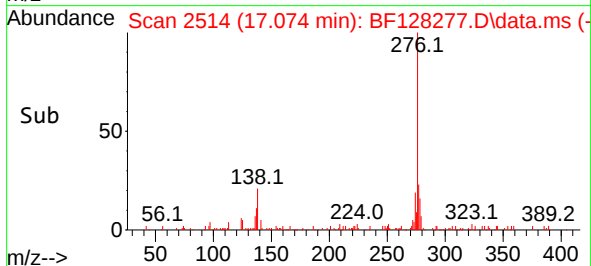
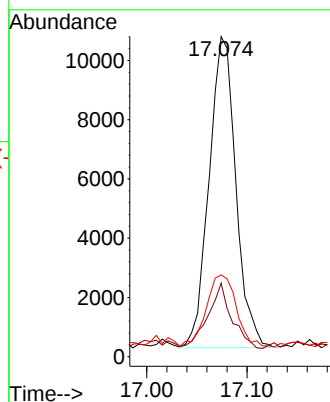
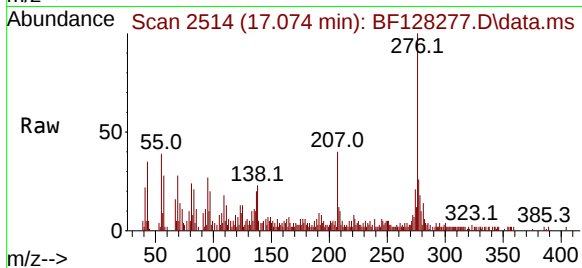
Tgt Ion:276 Resp: 19497

Ion Ratio Lower Upper

276 100

138 19.2 19.0 28.4

277 26.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 8.283 ng

RT: 15.116 min Scan# 2181

Delta R.T. -0.006 min

Lab File: BF128277.D

Acq: 16 May 2022 19:45

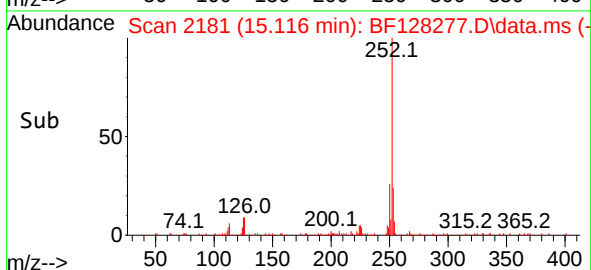
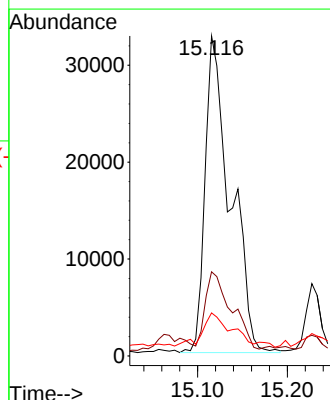
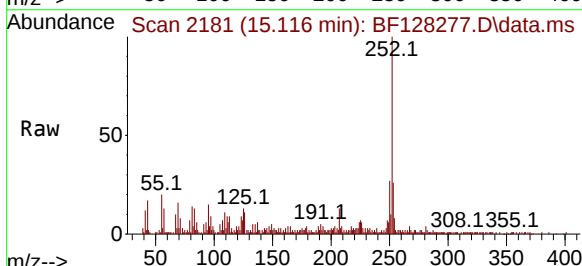
Tgt Ion:252 Resp: 63994

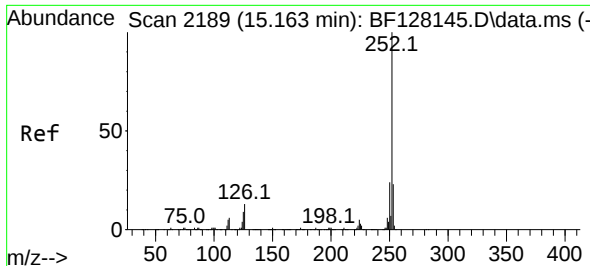
Ion Ratio Lower Upper

252 100

253 26.3 17.4 26.2#

125 13.4 7.4 11.2#

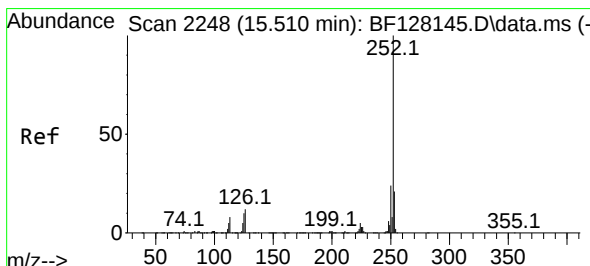
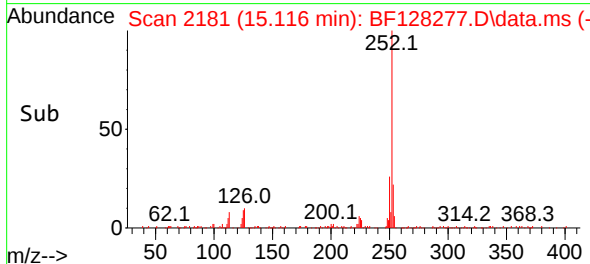
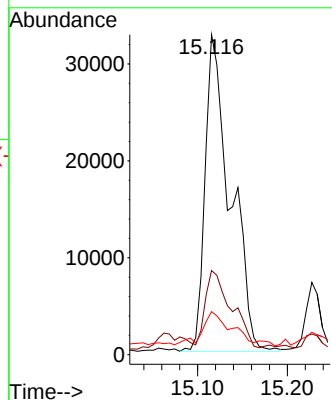
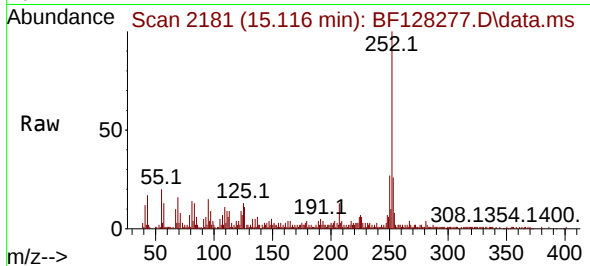




#89
Benzo(k)fluoranthene
Concen: 8.391 ng
RT: 15.116 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

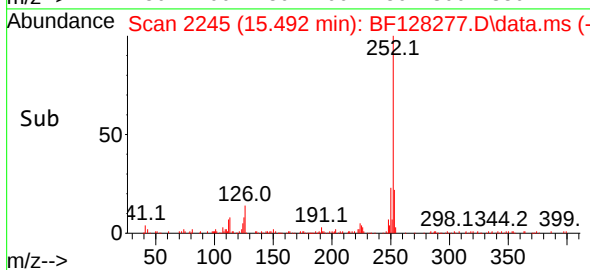
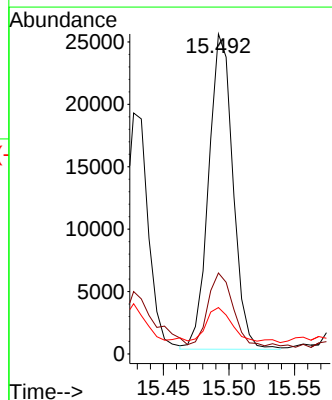
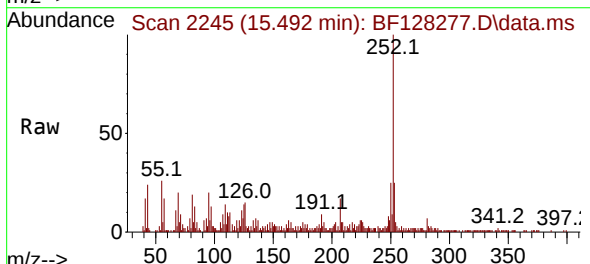
Instrument :
BNA_F
ClientSampleId :
SB01

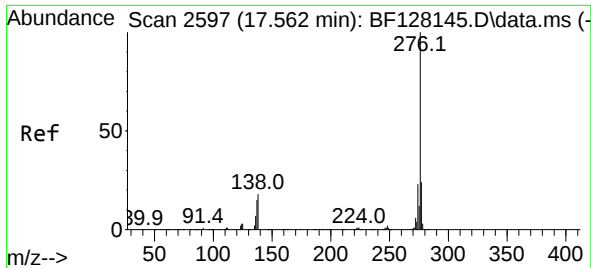
Tgt Ion:252 Resp: 63994
Ion Ratio Lower Upper
252 100
253 26.3 17.0 25.4#
125 13.4 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 5.220 ng
RT: 15.492 min Scan# 2245
Delta R.T. -0.006 min
Lab File: BF128277.D
Acq: 16 May 2022 19:45

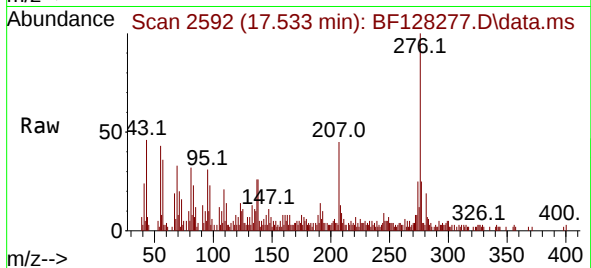
Tgt Ion:252 Resp: 32558
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 14.5 9.2 13.8#





#92
 Benzo(g,h,i)perylene
 Concen: 3.456 ng
 RT: 17.533 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF128277.D
 Acq: 16 May 2022 19:45

Instrument :
 BNA_F
 ClientSampleId :
 SB01



Tgt Ion: 276 Resp: 21357
 Ion Ratio Lower Upper
 276 100
 277 25.0 18.8 28.2
 138 25.9 16.2 24.2#

