

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128180.D
 Acq On : 11 May 2022 00:47
 Operator : CG\JU
 Sample : N2749-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Time: May 11 04:02:47 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

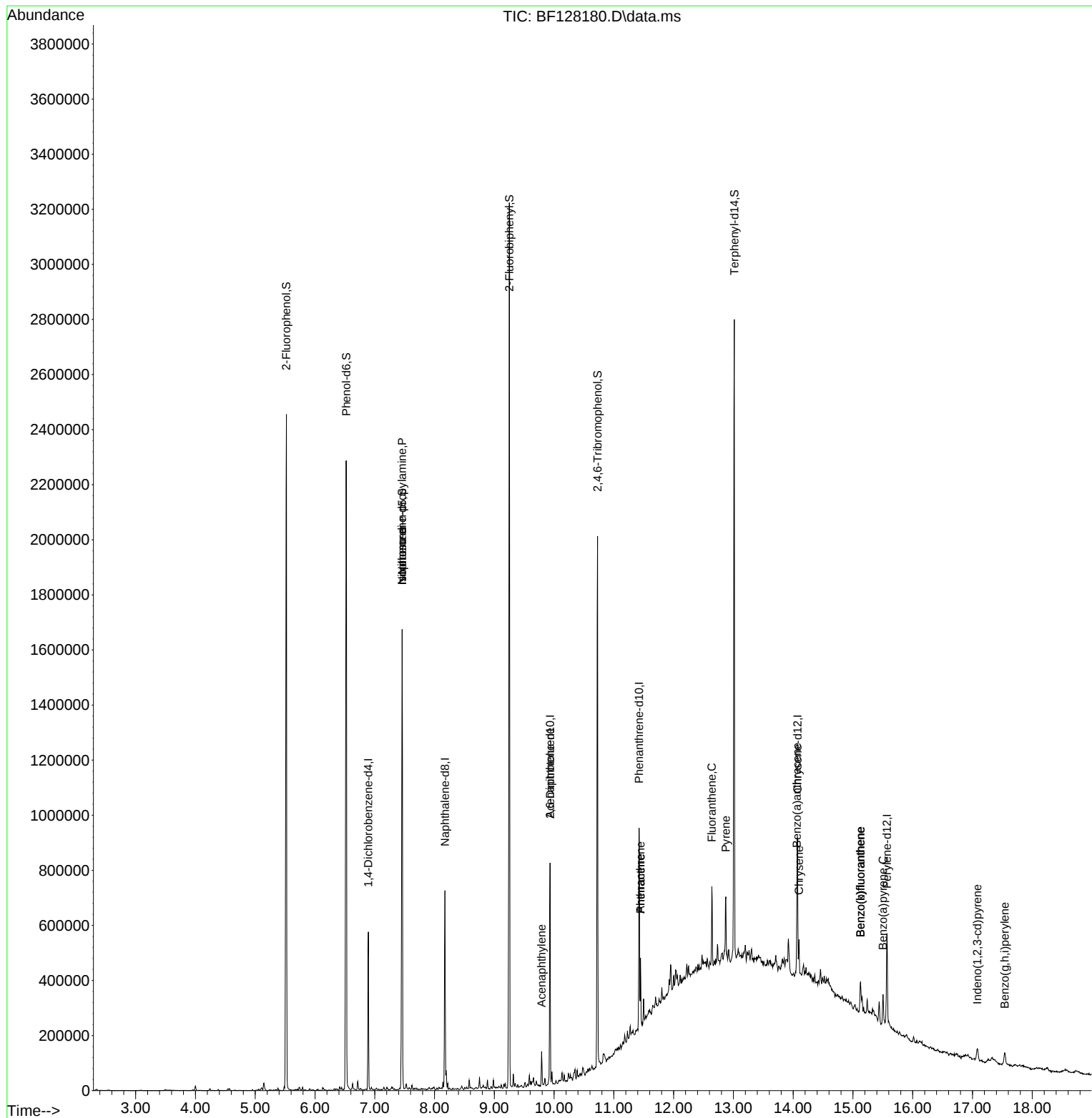
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	74660	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	284586	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	163180	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	260155	20.000	ng	0.00
76) Chrysene-d12	14.074	240	159546	20.000	ng	0.00
86) Perylene-d12	15.568	264	154818	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	648354	138.436	ng	0.00
7) Phenol-d6	6.522	99	845304	136.459	ng	0.00
23) Nitrobenzene-d5	7.457	82	605305	95.706	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	229855	122.820	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	941636	90.291	ng	0.00
79) Terphenyl-d14	13.016	244	813186	95.639	ng	0.00
Target Compounds						
9) Benzaldehyde	6.445	77	1227	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	83490	21.886	ng	# 80
25) Isophorone	7.457	82	604030	60.918	ng	# 68
49) Acenaphthylene	9.792	152	42060	3.158	ng	98
51) 2,6-Dinitrotoluene	9.933	165	22098	9.566	ng	# 22
71) Phenanthrene	11.445	178	83453	6.442	ng	98
72) Anthracene	11.445	178	83453	6.452	ng	99
75) Fluoranthene	12.639	202	106789	7.604	ng	97
78) Pyrene	12.874	202	97560	8.433	ng	98
81) Benzo(a)anthracene	14.063	228	57532	5.646	ng	# 77
83) Chrysene	14.098	228	55568	5.715	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.080	276	29621	3.163	ng	93
88) Benzo(b)fluoranthene	15.127	252	88894	9.263	ng	# 97
89) Benzo(k)fluoranthene	15.127	252	88894	9.383	ng	# 96
90) Benzo(a)pyrene	15.504	252	47428	6.121	ng	98
92) Benzo(g,h,i)perylene	17.539	276	33689	4.388	ng	96

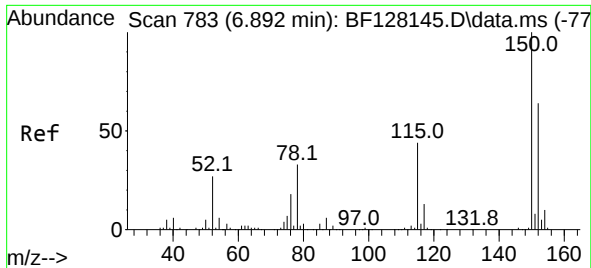
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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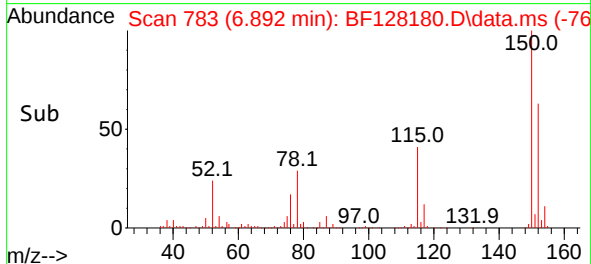
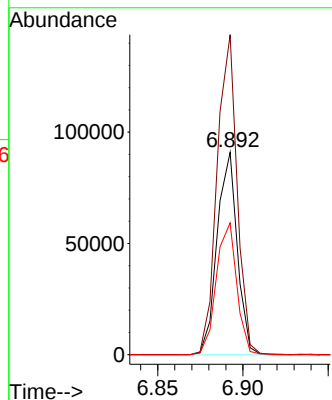
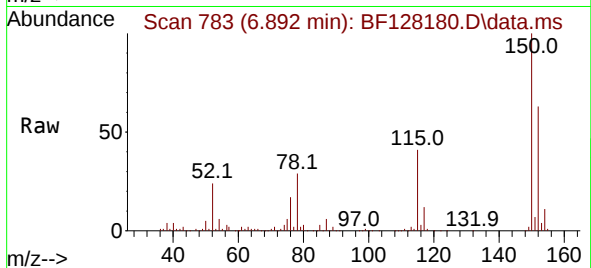




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

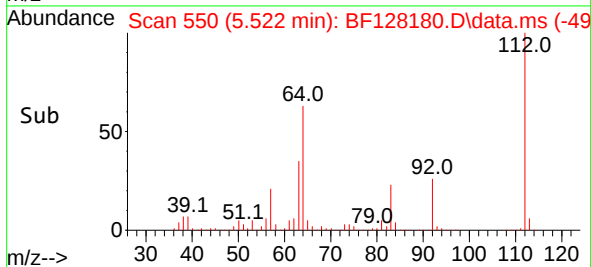
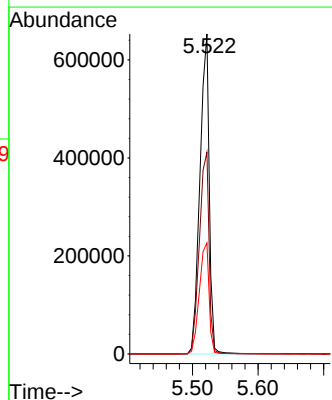
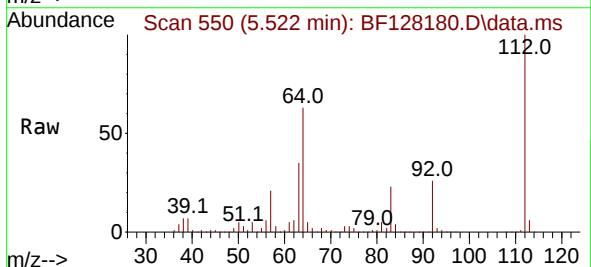
Instrument :
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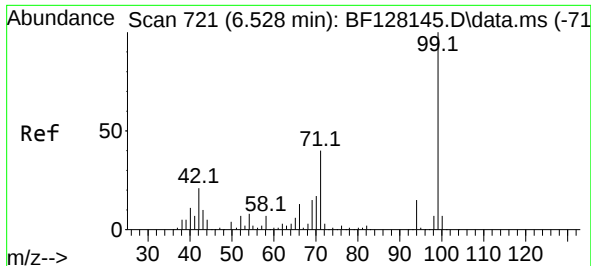
Tgt Ion:152 Resp: 74660
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 138.436 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.006 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

Tgt Ion:112 Resp: 648354
 Ion Ratio Lower Upper
 112 100
 64 63.0 49.5 74.3
 63 34.7 26.3 39.5

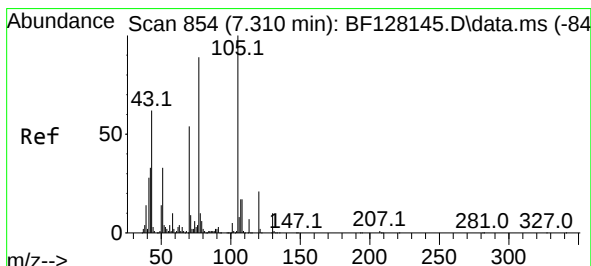
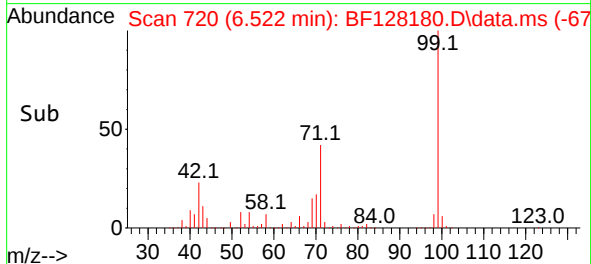
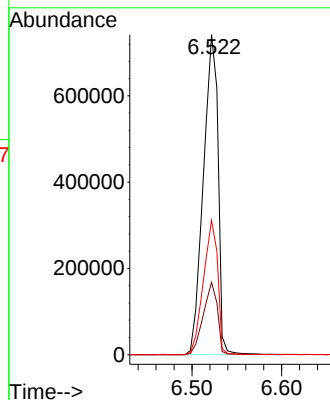
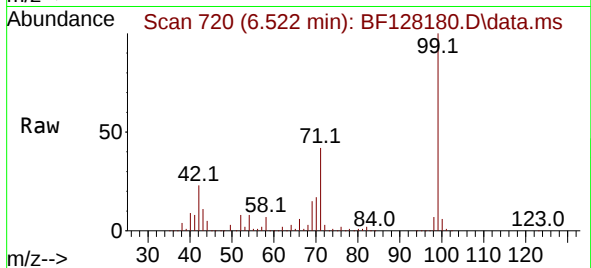




#7
Phenol-d6
Concen: 136.459 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

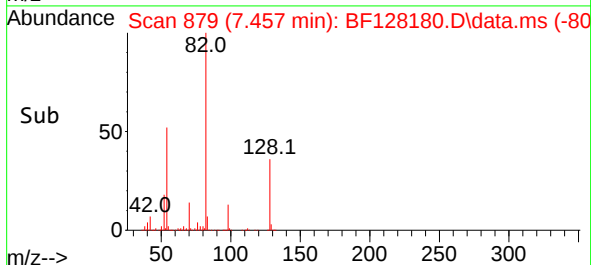
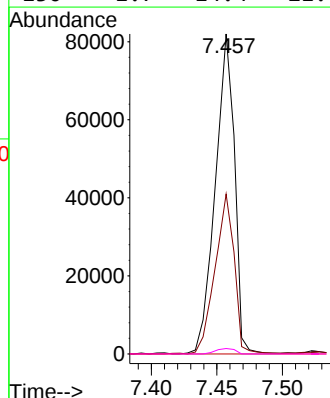
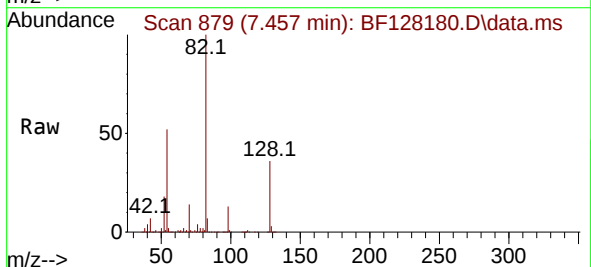
Instrument :
BNA_F
ClientSampleId :
TP-6

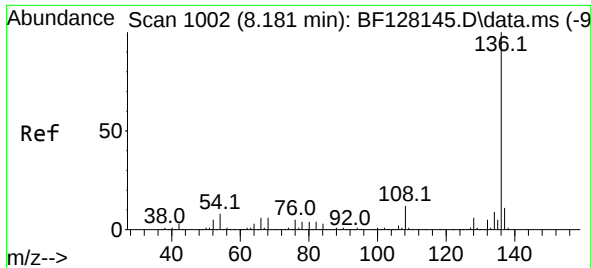
Tgt Ion: 99 Resp: 845304
Ion Ratio Lower Upper
99 100
42 22.6 16.6 24.8
71 41.9 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.886 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion: 70 Resp: 83490
Ion Ratio Lower Upper
70 100
42 49.9 48.7 73.1
101 0.0 7.2 10.8#
130 1.7 14.4 21.6#



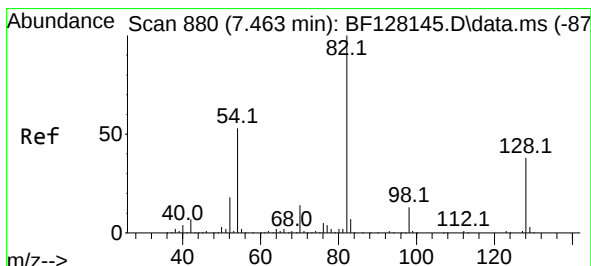
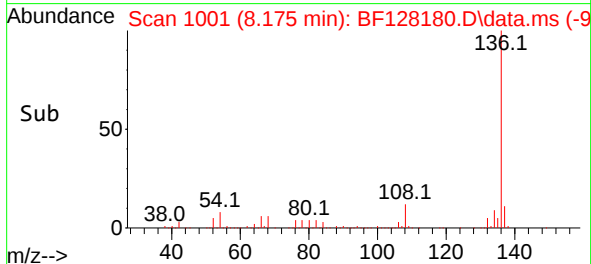
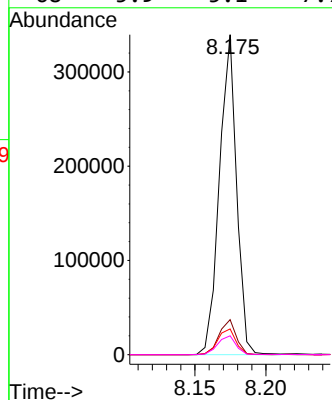
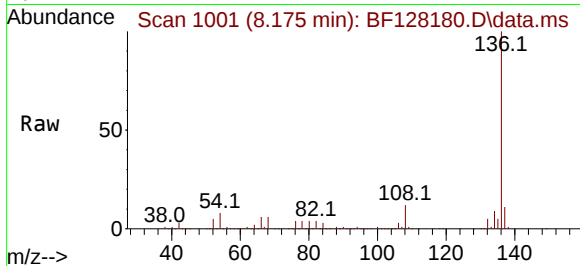


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Instrument :
BNA_F
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 284586

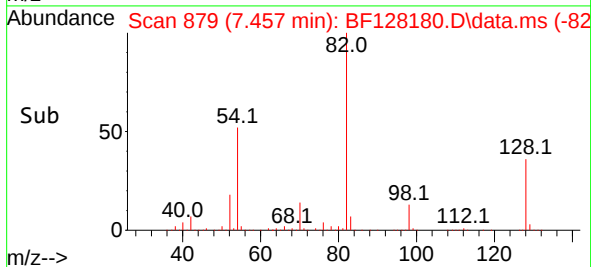
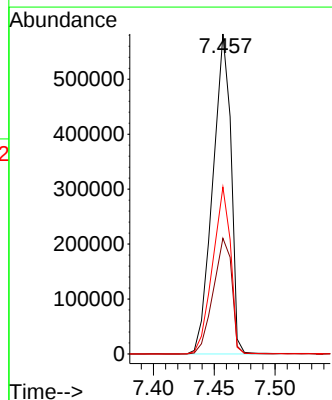
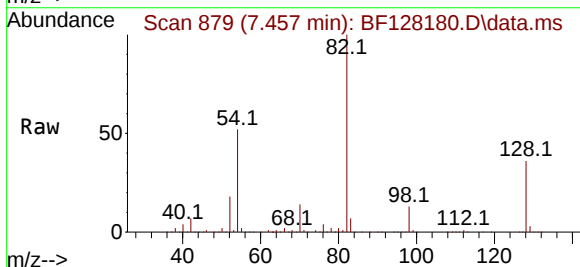
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.0	6.8	10.2
68	5.9	5.1	7.7

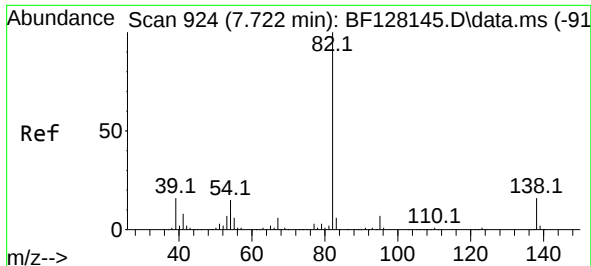


#23
Nitrobenzene-d5
Concen: 95.706 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion: 82 Resp: 605305

Ion	Ratio	Lower	Upper
82	100		
128	36.2	30.0	45.0
54	52.1	41.3	61.9

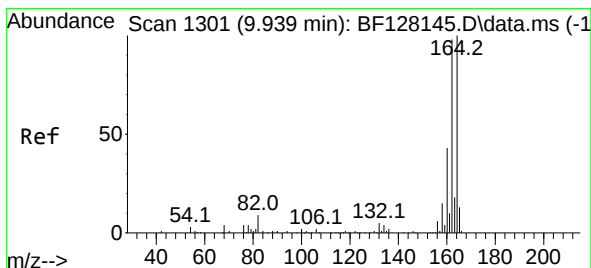
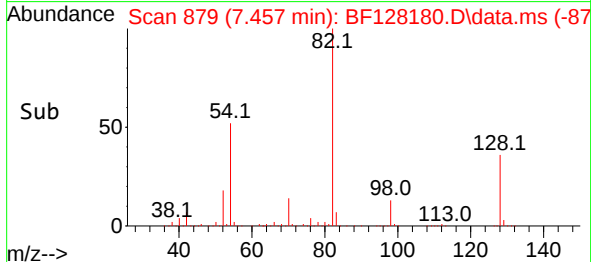
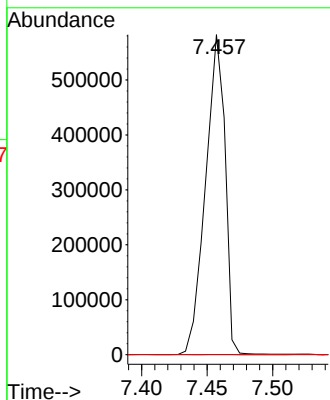
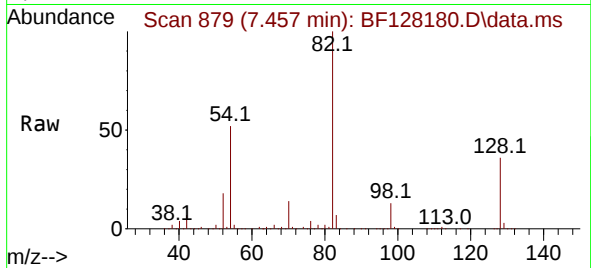




#25
Isophorone
Concen: 60.918 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

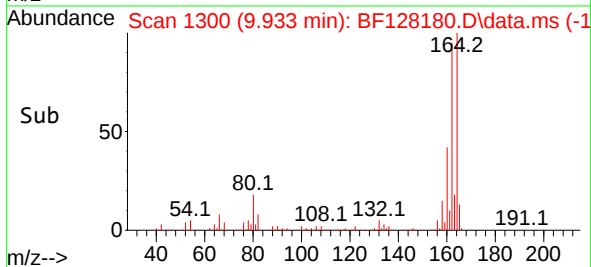
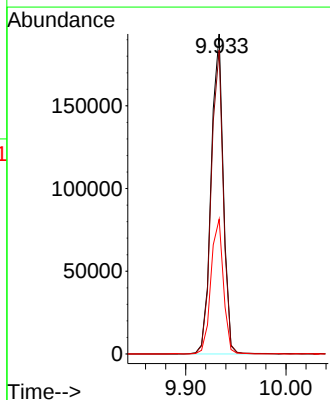
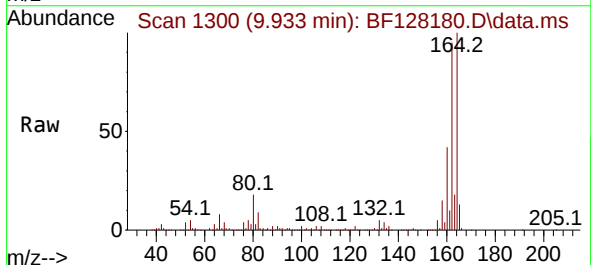
Instrument :
BNA_F
ClientSampleId :
TP-6

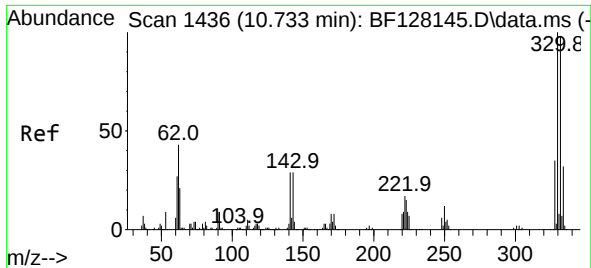
Tgt Ion: 82 Resp: 604030
Ion Ratio Lower Upper
82 100
95 0.1 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:164 Resp: 163180
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 42.1 34.8 52.2

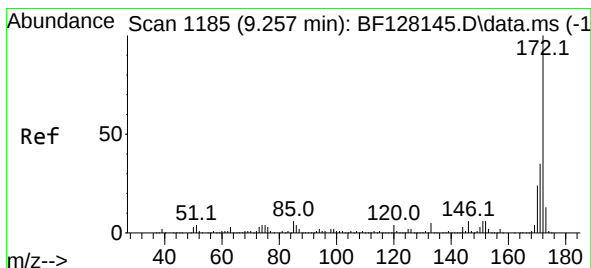
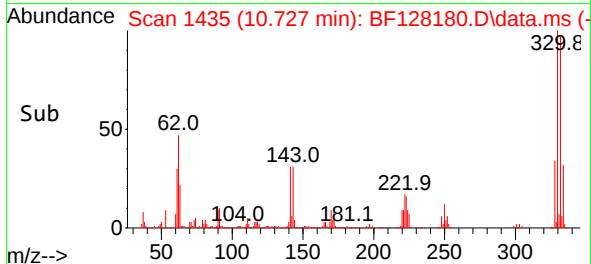
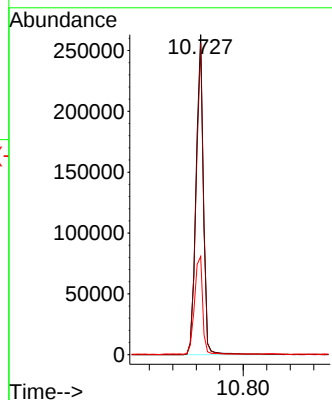
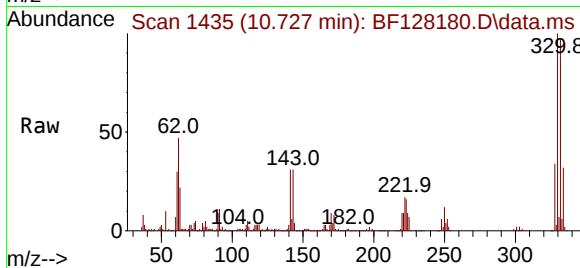




#42
2,4,6-Tribromophenol
Concen: 122.820 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

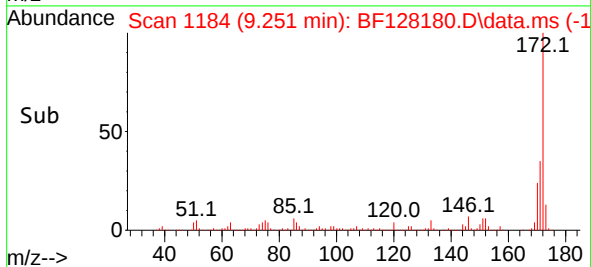
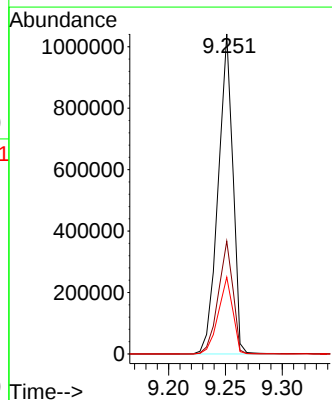
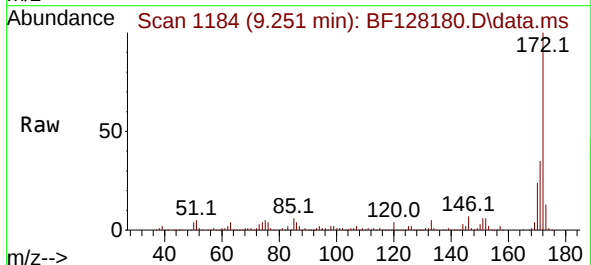
Instrument :
BNA_F
ClientSampleId :
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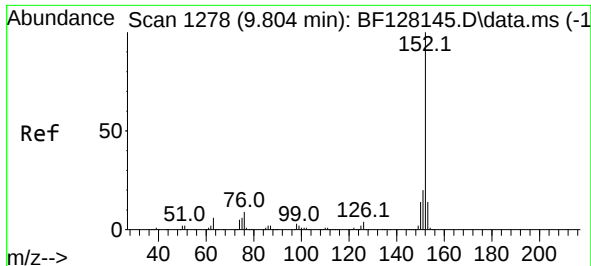
Tgt Ion:330 Resp: 229855
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 33.4 28.9 43.3



#45
2-Fluorobiphenyl
Concen: 90.291 ng
RT: 9.251 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:172 Resp: 941636
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 24.0 19.1 28.7





#49

Acenaphthylene

Concen: 3.158 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP-6

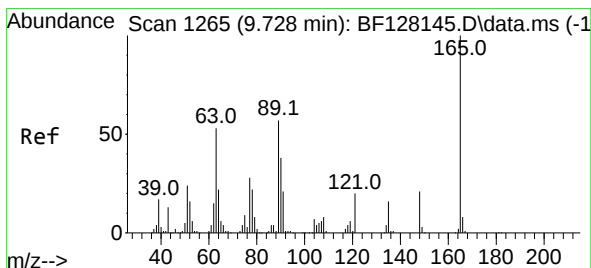
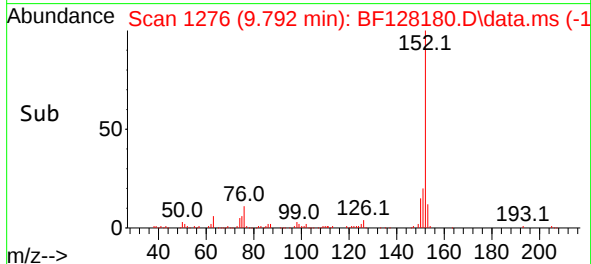
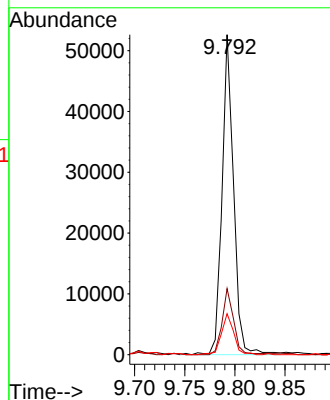
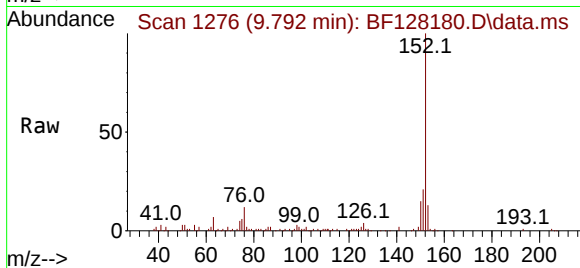
Tgt Ion:152 Resp: 42060

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.2

153 12.8 11.2 16.8



#51

2,6-Dinitrotoluene

Concen: 9.566 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.206 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

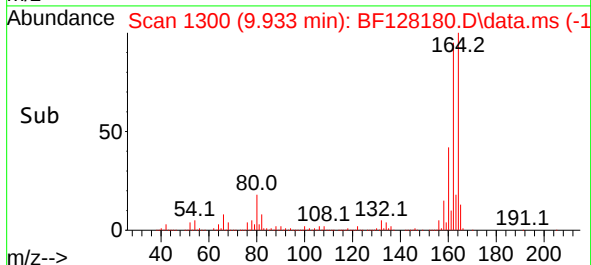
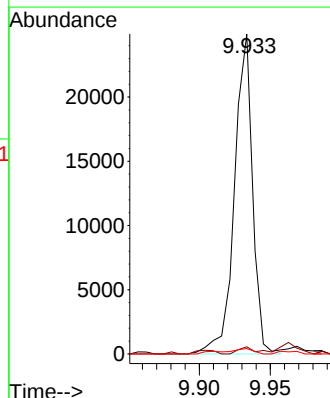
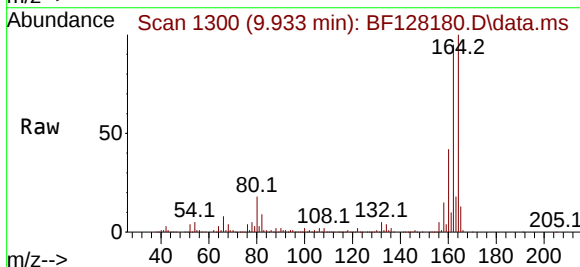
Tgt Ion:165 Resp: 22098

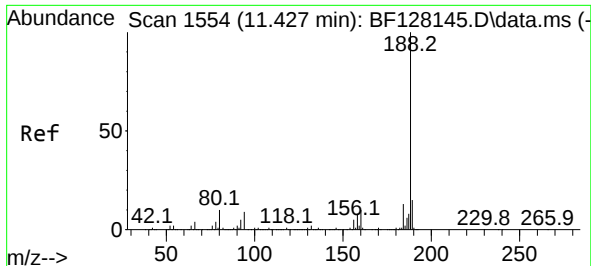
Ion Ratio Lower Upper

165 100

63 2.3 49.5 74.3#

89 1.7 49.0 73.4#

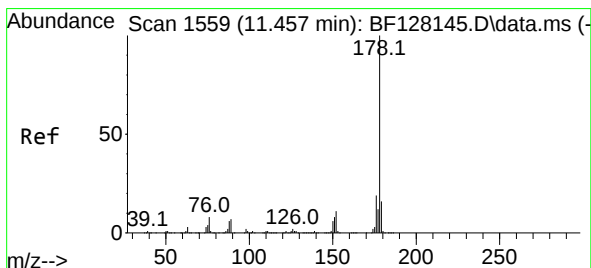
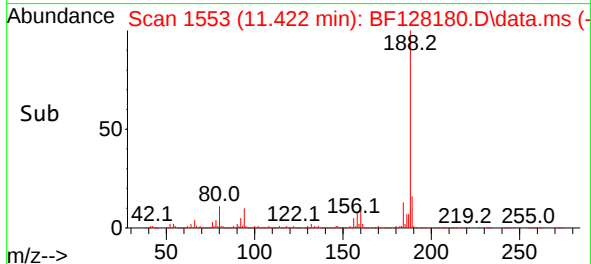
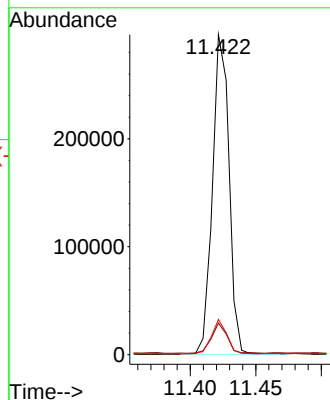
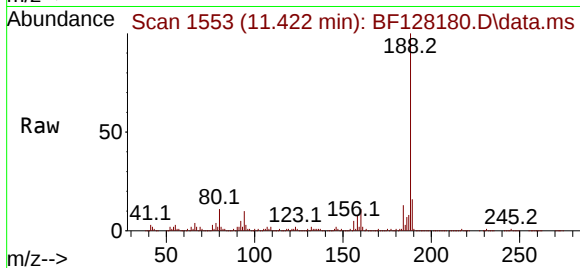




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

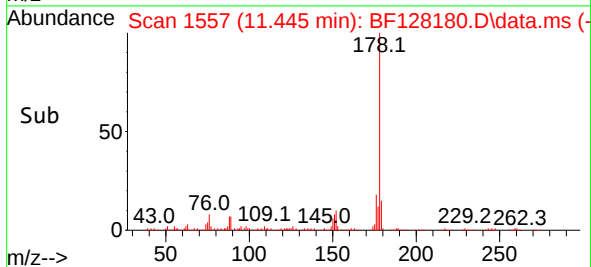
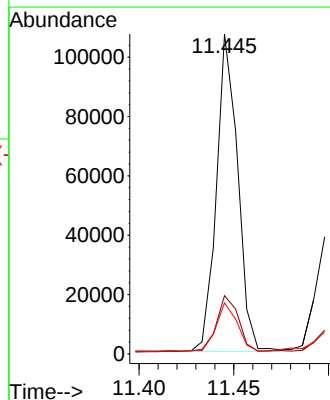
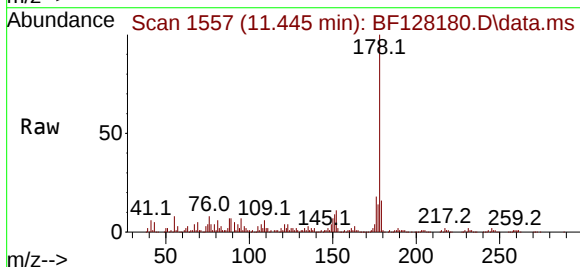
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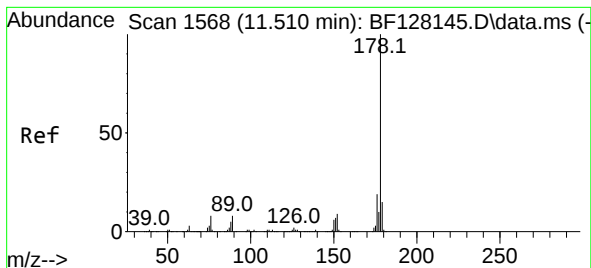
Tgt Ion:188 Resp: 260155
Ion Ratio Lower Upper
188 100
94 9.9 8.0 12.0
80 11.0 8.9 13.3



#71
Phenanthrene
Concen: 6.442 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.012 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:178 Resp: 83453
Ion Ratio Lower Upper
178 100
176 18.2 15.7 23.5
179 15.9 12.6 19.0





#72

Anthracene

Concen: 6.452 ng

RT: 11.445 min Scan# 11

Delta R.T. -0.065 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP-6

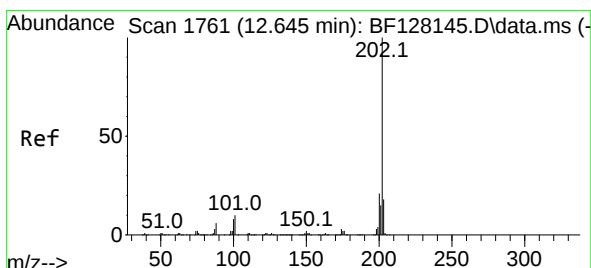
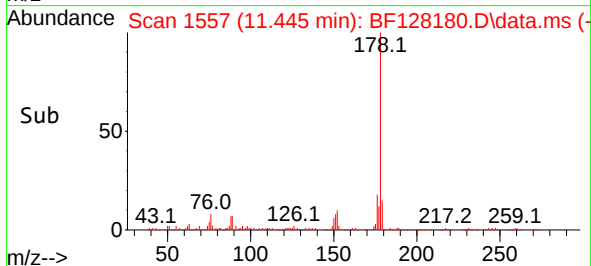
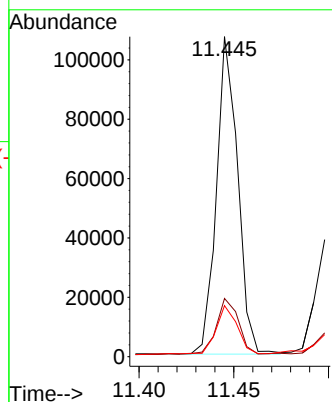
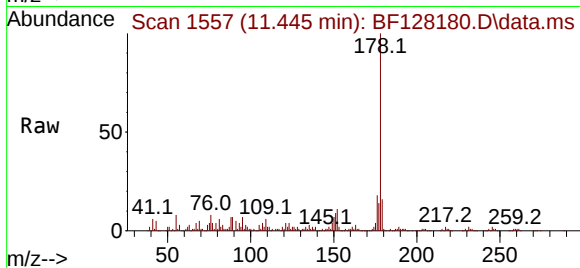
Tgt Ion:178 Resp: 83453

Ion Ratio Lower Upper

178 100

176 18.2 15.0 22.6

179 15.9 12.4 18.6



#75

Fluoranthene

Concen: 7.604 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

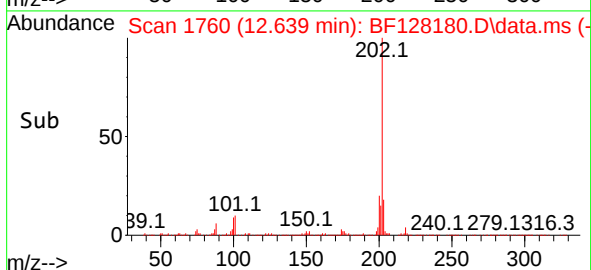
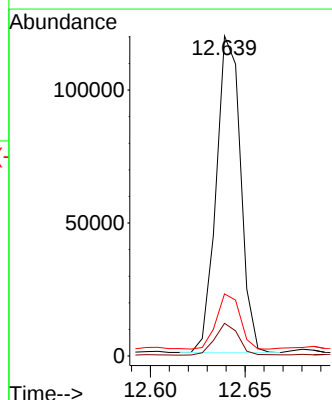
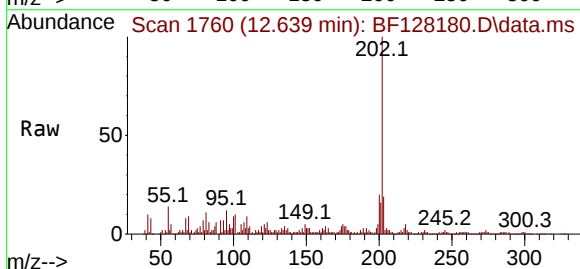
Tgt Ion:202 Resp: 106789

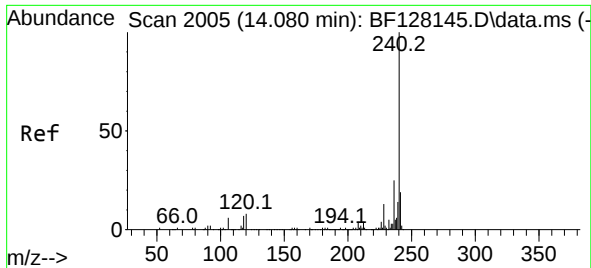
Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.6

203 19.4 0.0 38.1

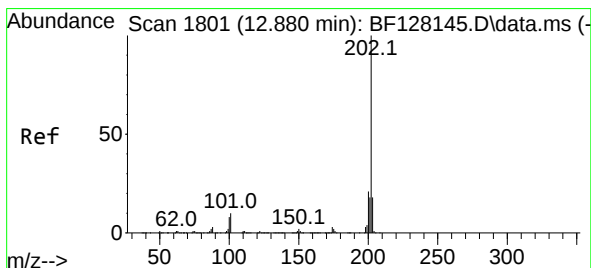
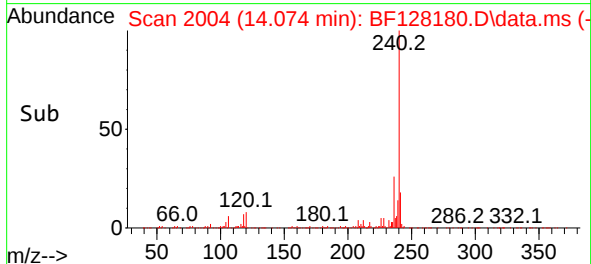
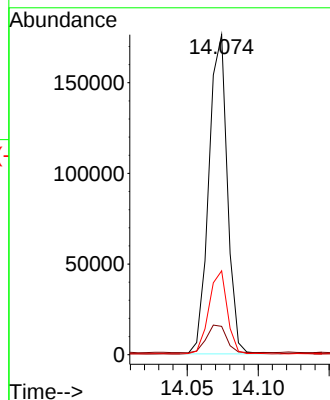
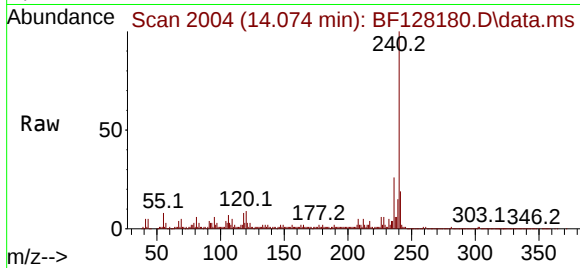




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

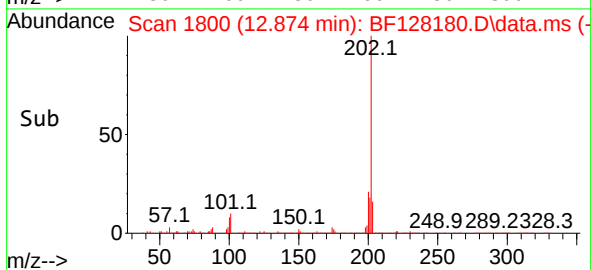
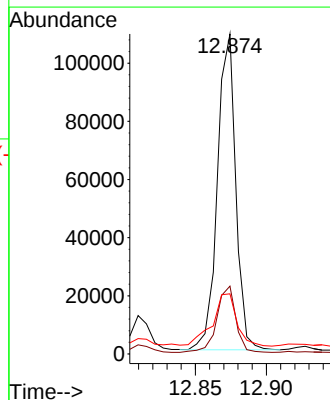
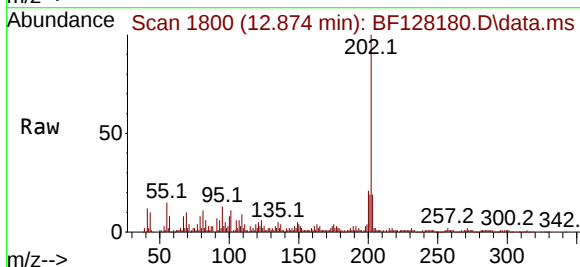
Instrument :
BNA_F
ClientSampleId :
TP-6

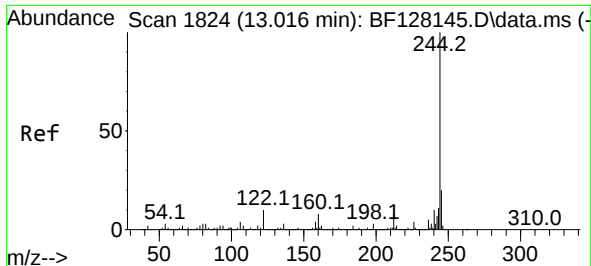
Tgt Ion:240 Resp: 159546
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.2 20.3 30.5



#78
Pyrene
Concen: 8.433 ng
RT: 12.874 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:202 Resp: 97560
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.8 14.0 21.0

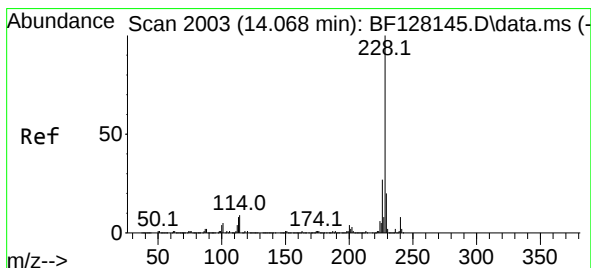
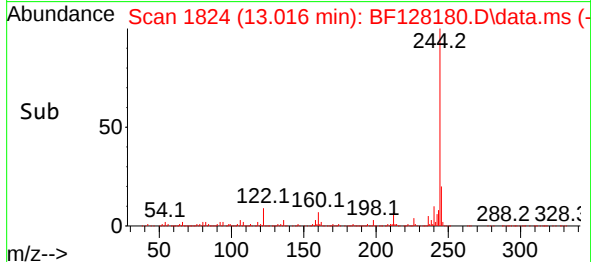
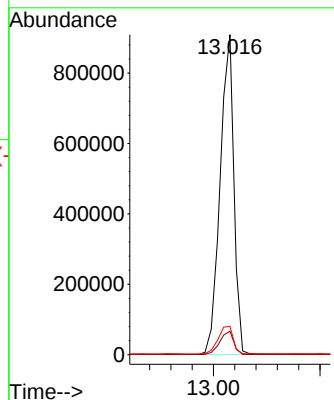
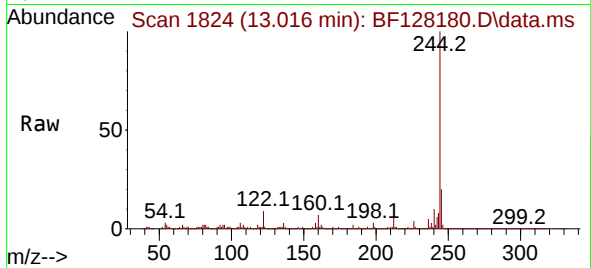




#79
 Terphenyl-d14
 Concen: 95.639 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

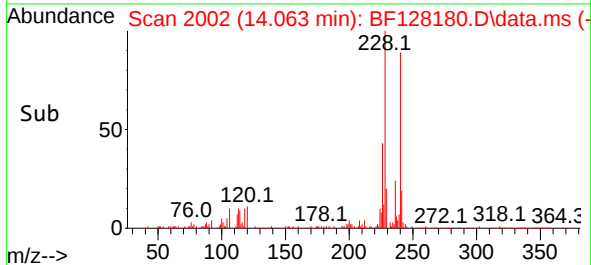
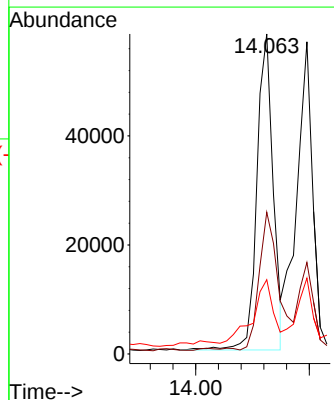
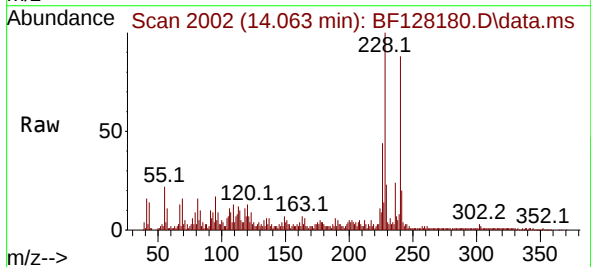
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

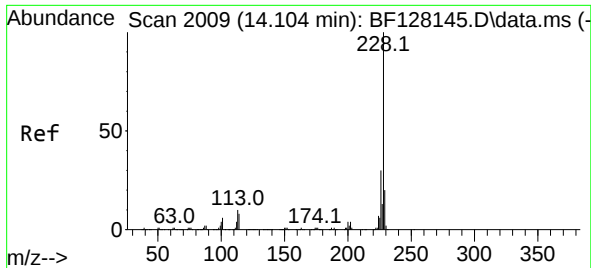
Tgt Ion:244 Resp: 813186
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.4
 122 8.8 8.6 12.8



#81
 Benzo(a)anthracene
 Concen: 5.646 ng
 RT: 14.063 min Scan# 2002
 Delta R.T. -0.006 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

Tgt Ion:228 Resp: 57532
 Ion Ratio Lower Upper
 228 100
 226 44.3 21.7 32.5#
 229 23.2 15.4 23.2#





#83

Chrysene

Concen: 5.715 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

Instrument :

BNA_F

ClientSampleId :

TP-6

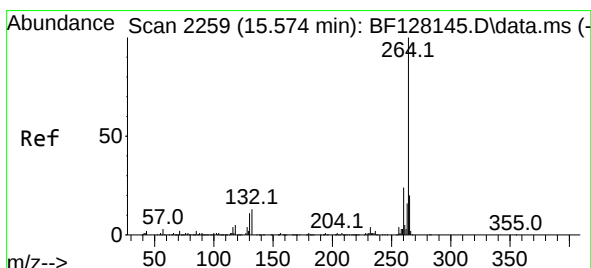
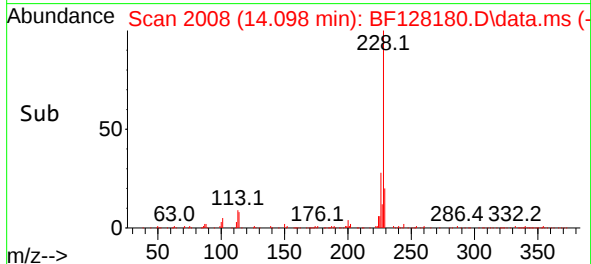
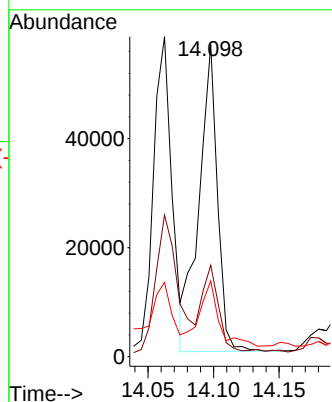
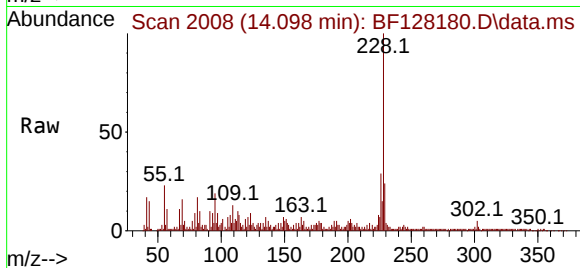
Tgt Ion:228 Resp: 55568

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

229 24.3 15.8 23.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.006 min

Lab File: BF128180.D

Acq: 11 May 2022 00:47

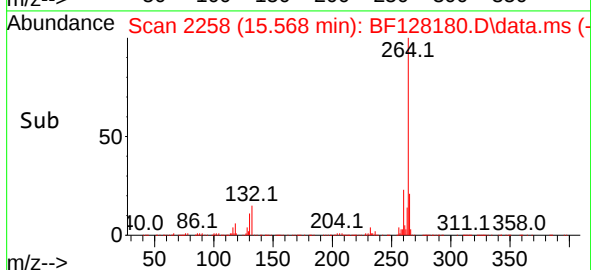
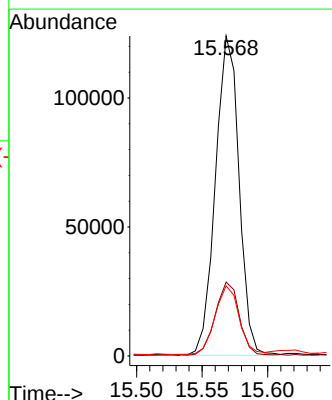
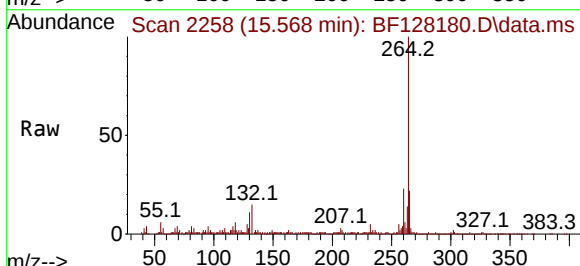
Tgt Ion:264 Resp: 154818

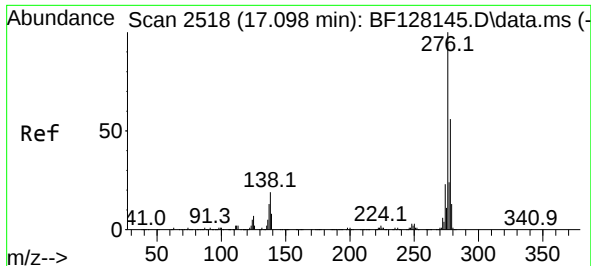
Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.9 17.5 26.3

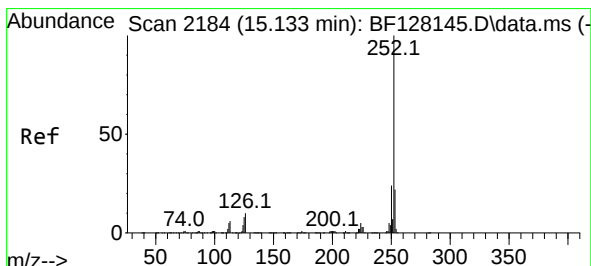
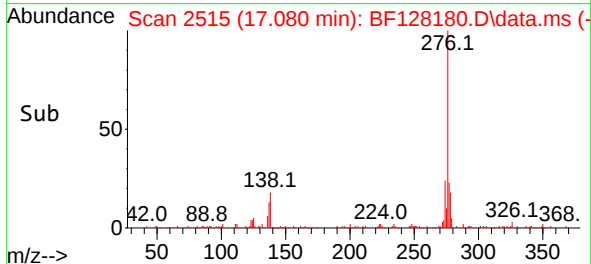
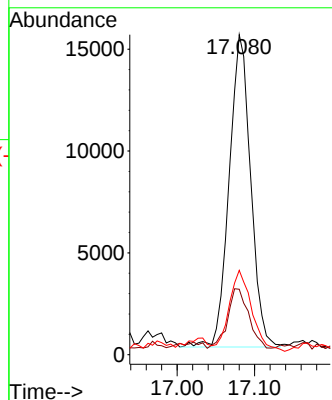
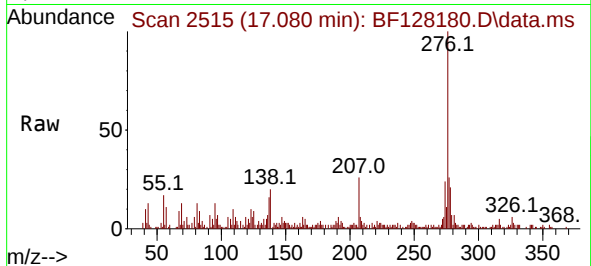




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.163 ng
 RT: 17.080 min Scan# 2180
 Delta R.T. -0.018 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

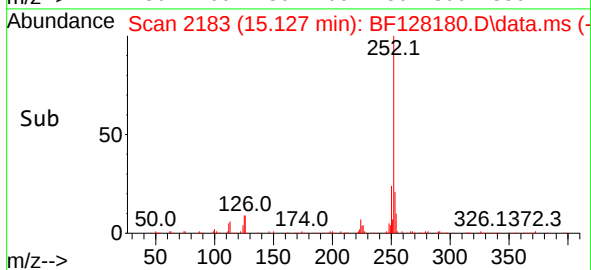
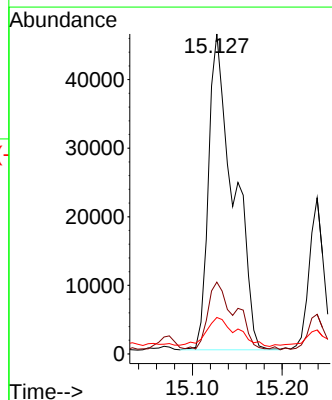
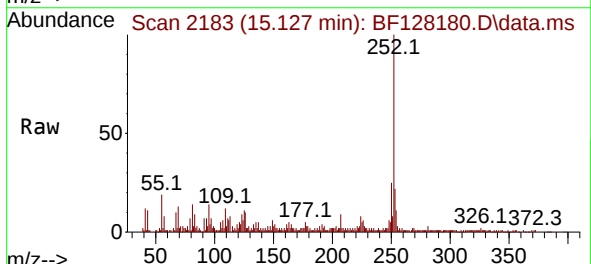
Instrument :
 BNA_F
 ClientSampleId :
 TP-6

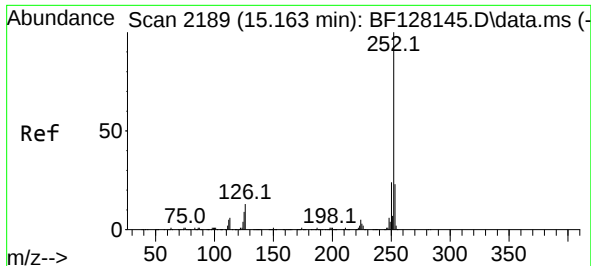
Tgt Ion:276 Resp: 29621
 Ion Ratio Lower Upper
 276 100
 138 19.2 19.0 28.4
 277 27.4 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 9.263 ng
 RT: 15.127 min Scan# 2183
 Delta R.T. -0.006 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

Tgt Ion:252 Resp: 88894
 Ion Ratio Lower Upper
 252 100
 253 22.4 17.4 26.2
 125 11.4 7.4 11.2#

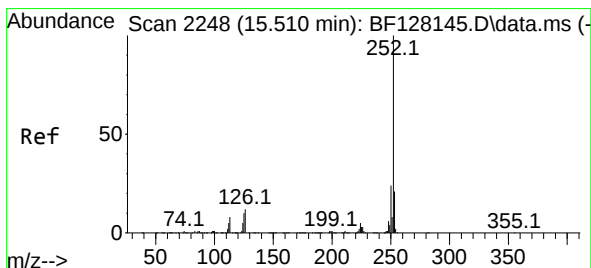
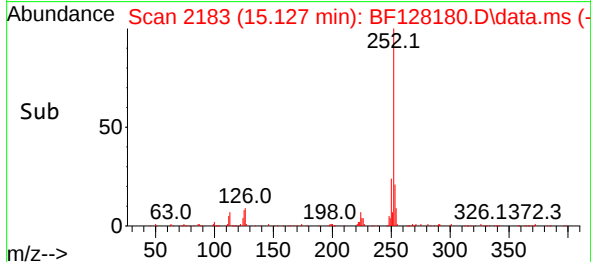
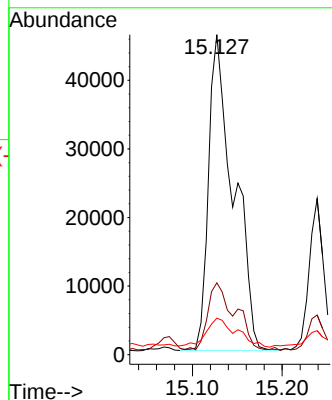
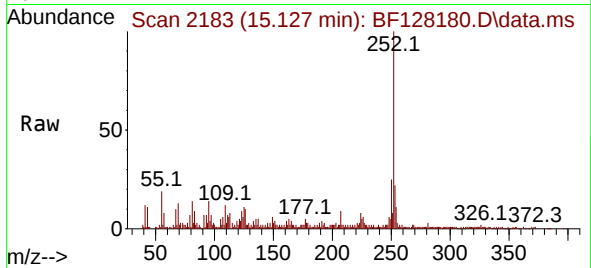




#89
Benzo(k)fluoranthene
Concen: 9.383 ng
RT: 15.127 min Scan# 2189
Delta R.T. -0.035 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

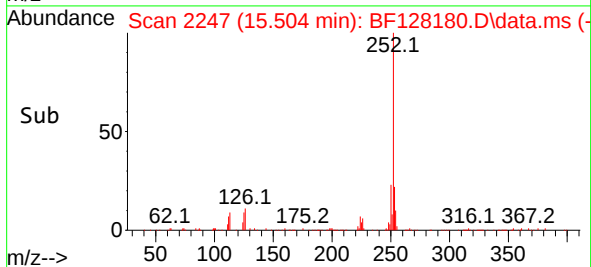
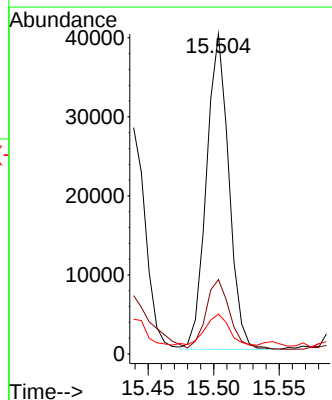
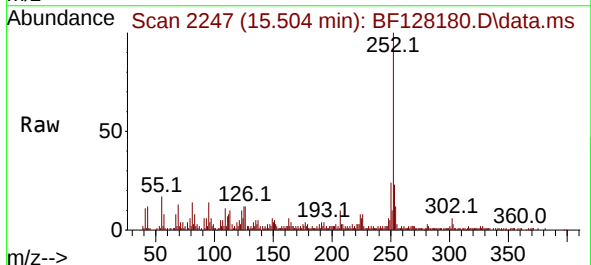
Instrument :
BNA_F
ClientSampleId :
TP-6

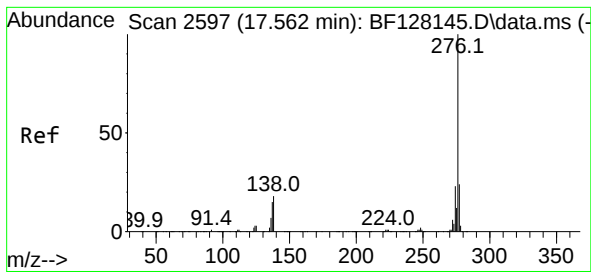
Tgt Ion:252 Resp: 88894
Ion Ratio Lower Upper
252 100
253 22.4 17.0 25.4
125 11.4 6.8 10.2#



#90
Benzo(a)pyrene
Concen: 6.121 ng
RT: 15.504 min Scan# 2247
Delta R.T. -0.006 min
Lab File: BF128180.D
Acq: 11 May 2022 00:47

Tgt Ion:252 Resp: 47428
Ion Ratio Lower Upper
252 100
253 23.3 17.8 26.6
125 12.5 9.2 13.8





#92
 Benzo(g,h,i)perylene
 Concen: 4.388 ng
 RT: 17.539 min Scan# 21
 Delta R.T. -0.024 min
 Lab File: BF128180.D
 Acq: 11 May 2022 00:47

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Tgt Ion:276 Resp: 33689
 Ion Ratio Lower Upper
 276 100
 277 24.2 18.8 28.2
 138 16.9 16.2 24.2

