

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126235.D
 Acq On : 17 Dec 2021 15:08
 Operator : JU/CG
 Sample : M5030-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Dec 17 15:30:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

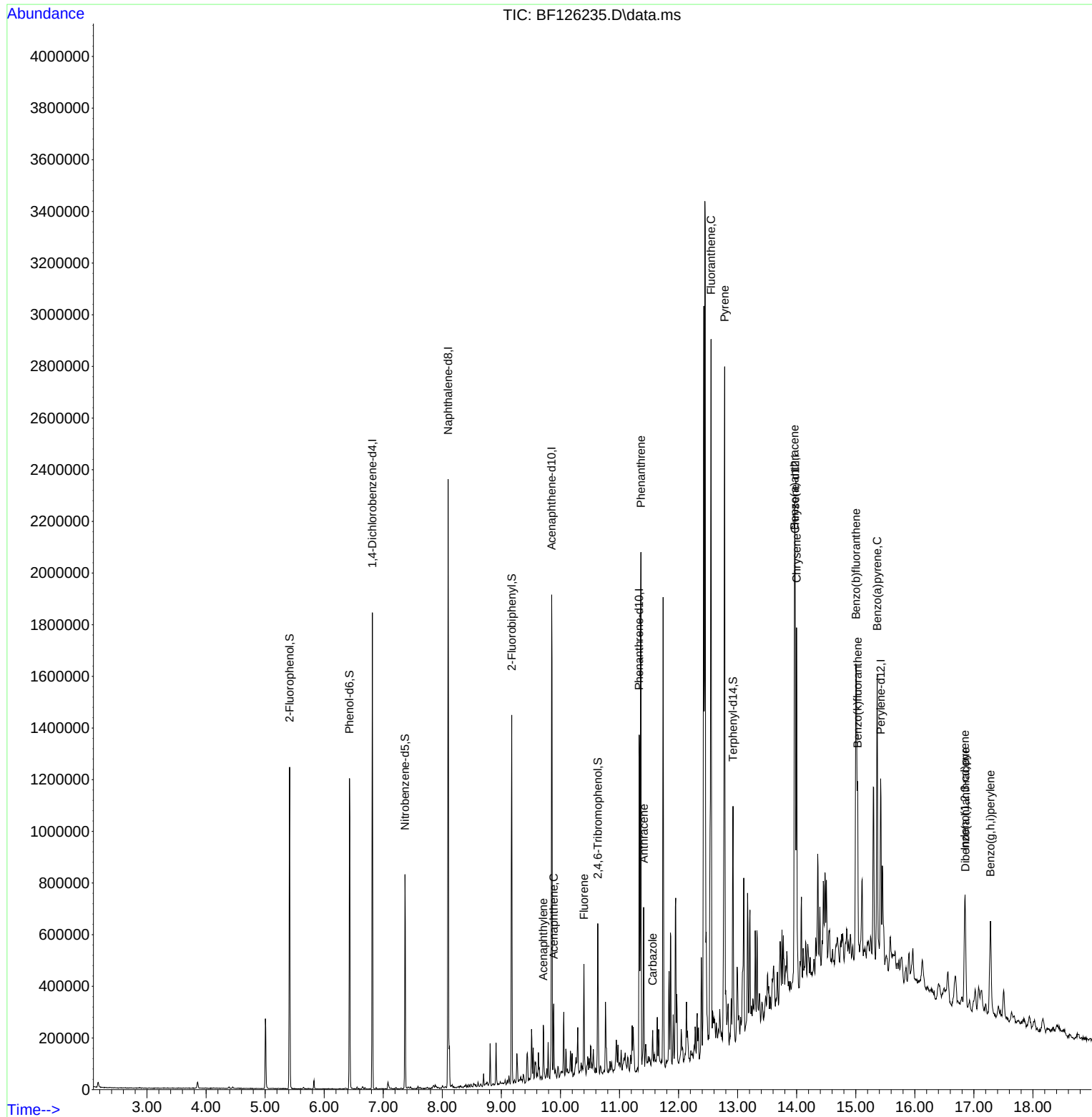
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

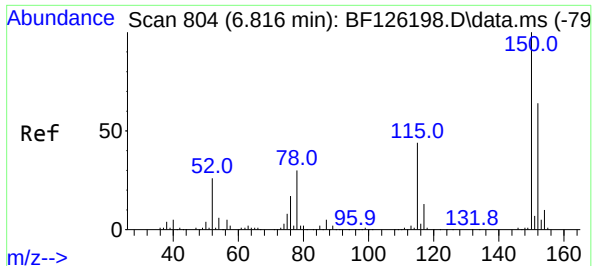
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	235069	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	925378	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	373669	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	484353	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	369692	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	293932	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	332257	20.815	ng	0.00
7) Phenol-d6	6.428	99	403041	19.885	ng	-0.02
23) Nitrobenzene-d5	7.369	82	239737	14.031	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	47046	15.666	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	363285	17.051	ng	0.00
79) Terphenyl-d14	12.921	244	251307	11.815	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	9.710	152	77209	2.431	ng	# 97
52) Acenaphthene	9.886	154	60127	2.919	ng	98
58) Fluorene	10.398	166	103568	5.101	ng	100
71) Phenanthrene	11.363	178	700038	28.003	ng	98
72) Anthracene	11.410	178	212391	8.465	ng	99
73) Carbazole	11.563	167	47768	2.021	ng	99
75) Fluoranthene	12.551	202	1004081	44.579	ng	92
78) Pyrene	12.780	202	1019736	30.024	ng	97
81) Benzo(a)anthracene	13.962	228	554638	25.328	ng	96
83) Chrysene	13.998	228	496556	21.824	ng	97
87) Indeno(1,2,3-cd)pyrene	16.851	276	278770	14.219	ng	97
88) Benzo(b)fluoranthene	15.004	252	670695m	37.976	ng	
89) Benzo(k)fluoranthene	15.033	252	238003m	14.087	ng	
90) Benzo(a)pyrene	15.362	252	497849	33.917	ng	# 95
91) Dibenzo(a,h)anthracene	16.856	278	63368	3.976	ng	# 75
92) Benzo(g,h,i)perylene	17.280	276	257584	15.621	ng	# 91

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

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Data File : BF126235.D
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Operator : JU/CG
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Misc :
ALS Vial : 10 Sample Multiplier: 1

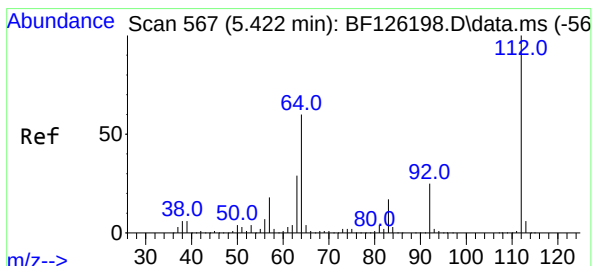
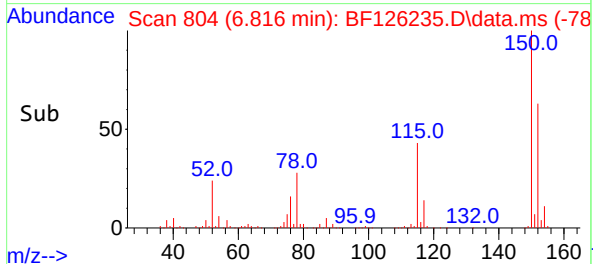
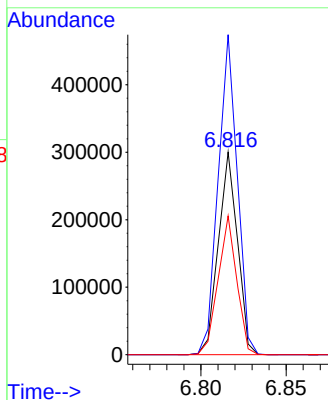
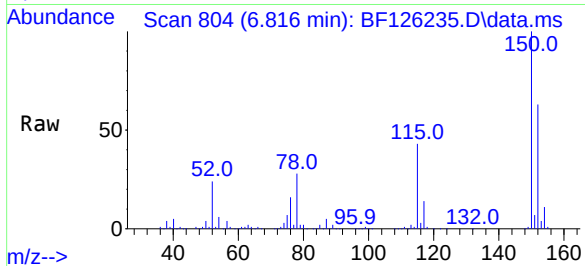
Quant Time: Dec 17 15:30:54 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





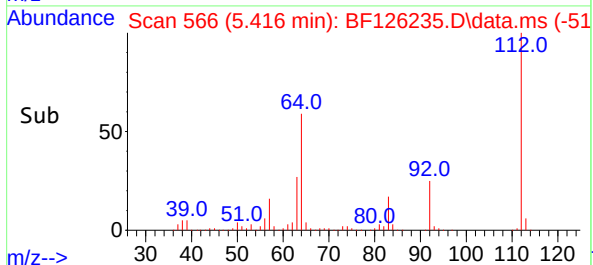
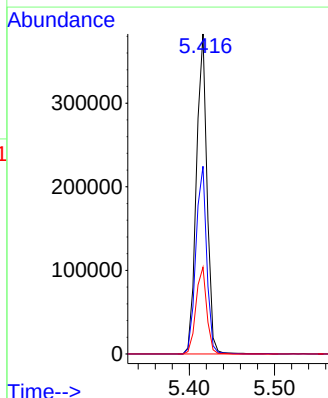
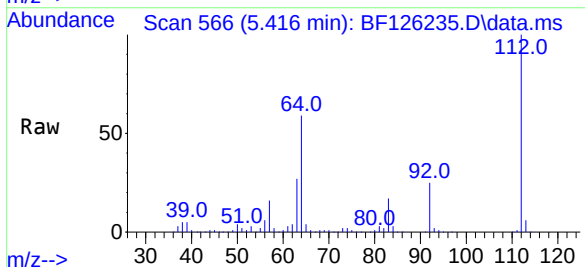
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

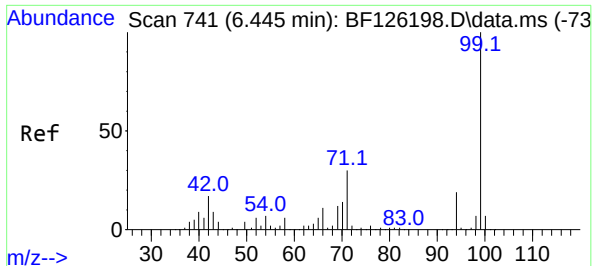
Tgt Ion:152 Resp: 235069
Ion Ratio Lower Upper
152 100
150 158.0 117.6 176.4
115 68.5 47.1 70.7



#5
2-Fluorophenol
Concen: 20.815 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

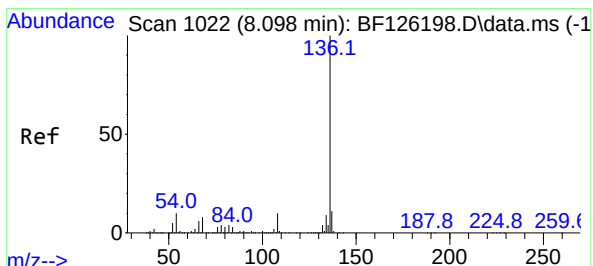
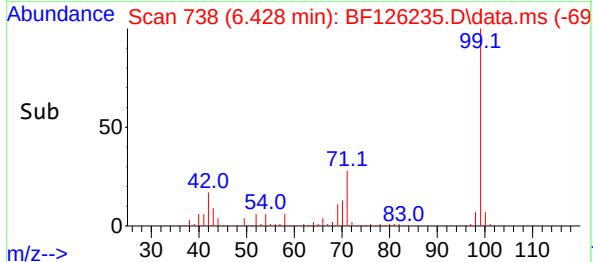
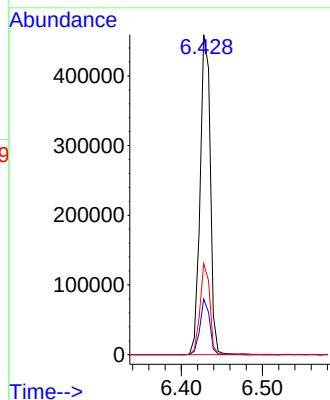
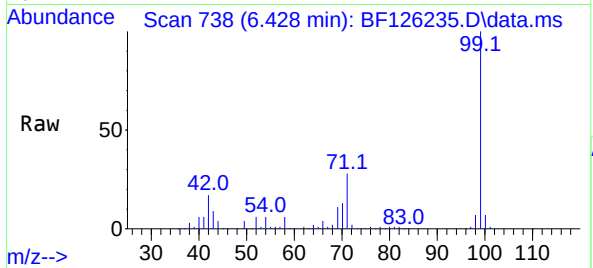
Tgt Ion:112 Resp: 332257
Ion Ratio Lower Upper
112 100
64 58.6 44.2 66.2
63 27.1 26.2 39.2





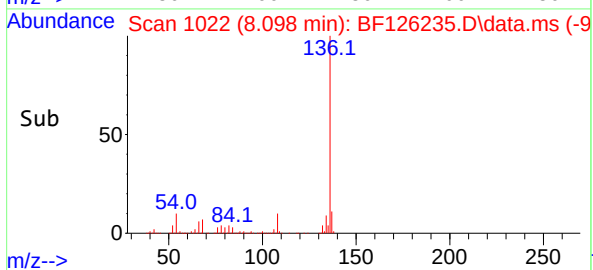
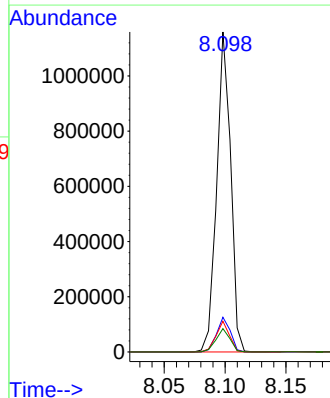
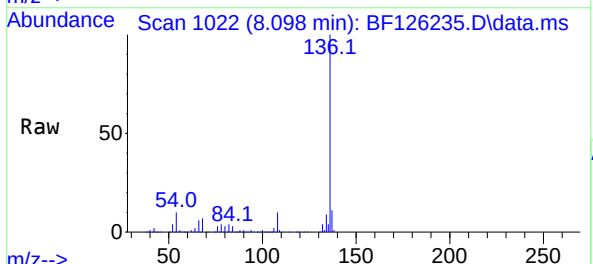
#7
Phenol-d6
Concen: 19.885 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

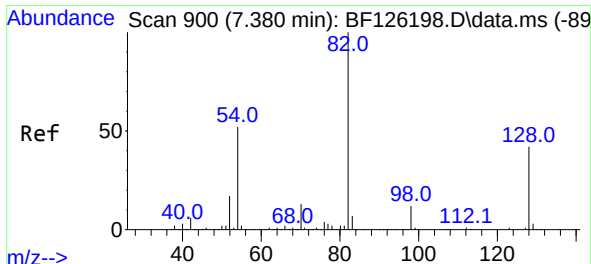
Tgt Ion:	99	Resp:	403041
Ion	Ratio	Lower	Upper
99	100		
42	17.4	23.5	35.3#
71	28.5	25.6	38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

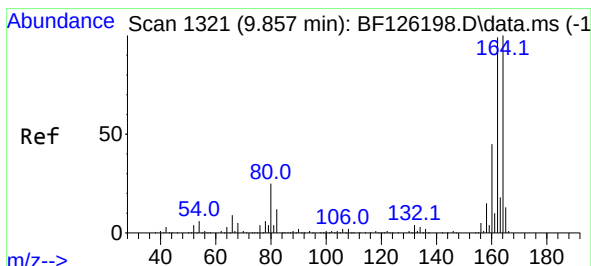
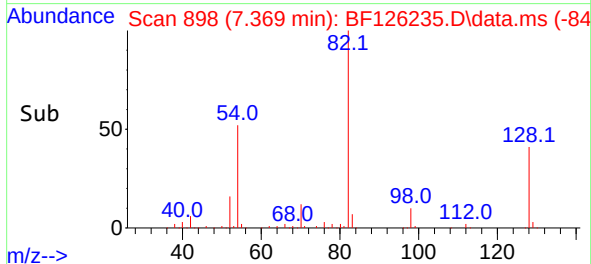
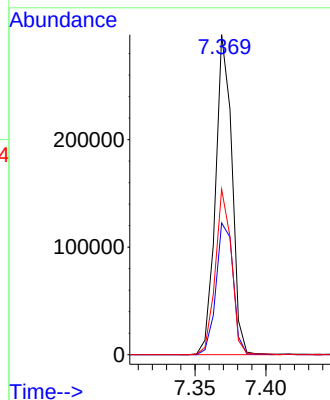
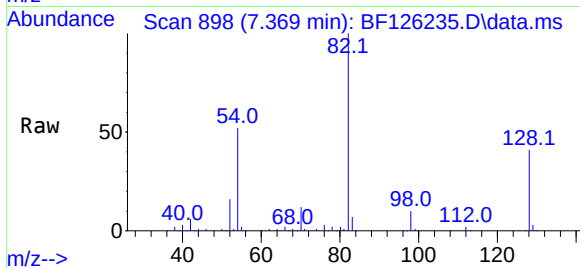
Tgt Ion:	136	Resp:	925378
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.6	6.4	9.6#
68	7.3	3.3	4.9#





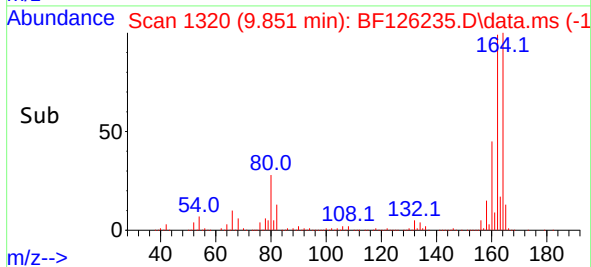
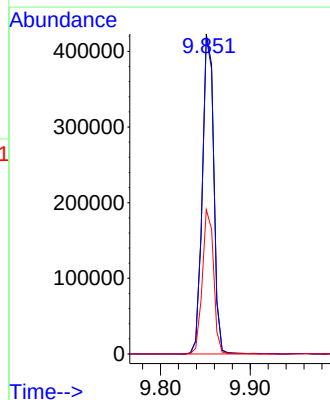
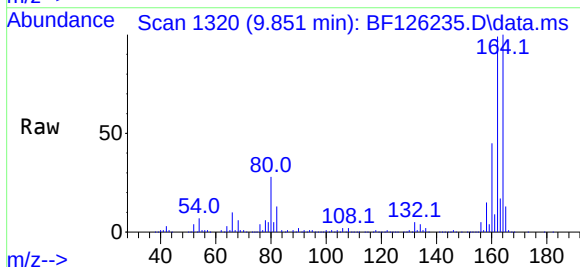
#23
Nitrobenzene-d5
Concen: 14.031 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

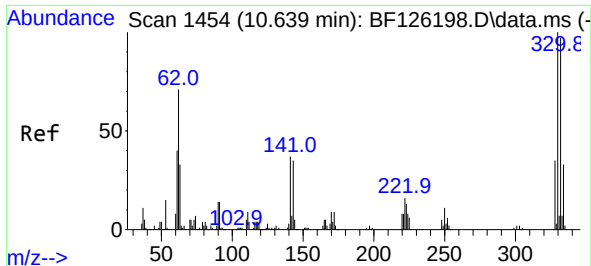
Tgt Ion: 82 Resp: 239737
Ion Ratio Lower Upper
82 100
128 41.2 40.6 60.8
54 51.7 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

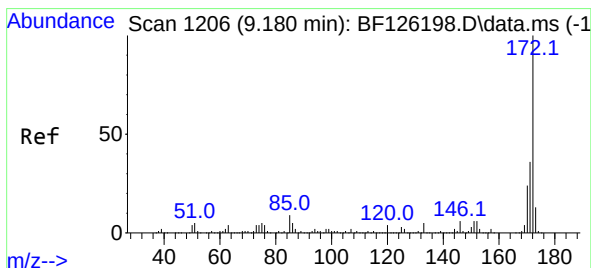
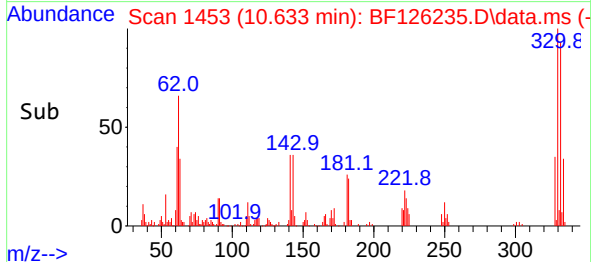
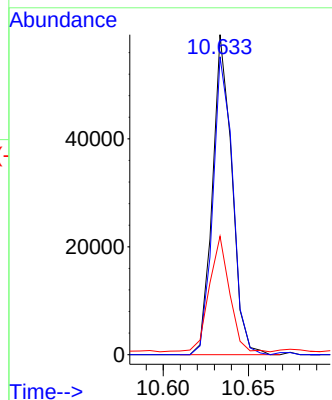
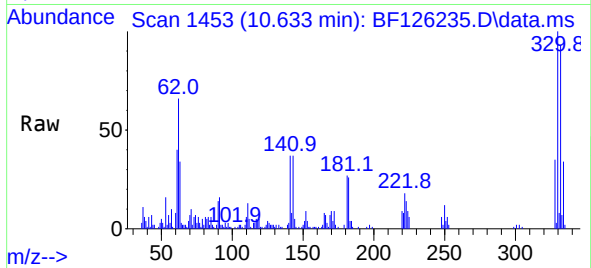
Tgt Ion: 164 Resp: 373669
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 45.1 38.0 57.0





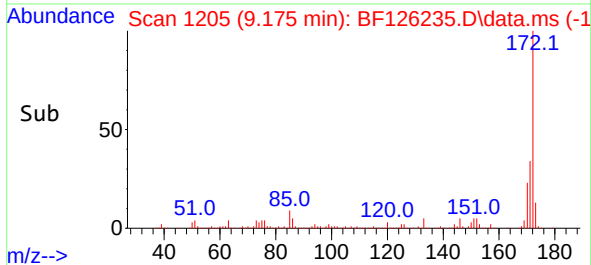
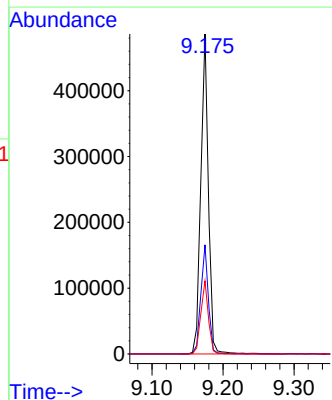
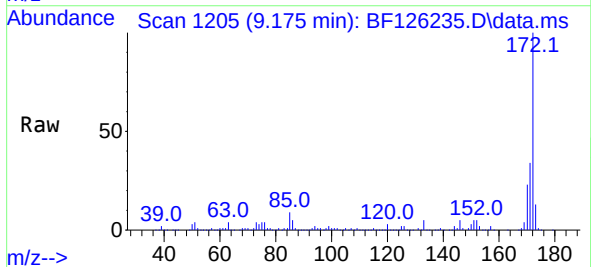
#42
2,4,6-Tribromophenol
Concen: 15.666 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

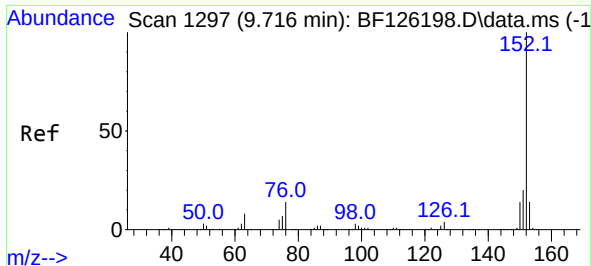
Tgt Ion: 330 Resp: 47046
Ion Ratio Lower Upper
330 100
332 94.9 76.2 114.4
141 37.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 17.051 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

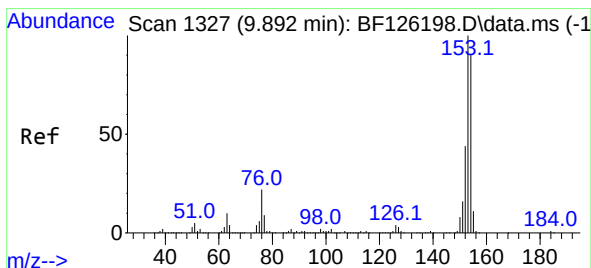
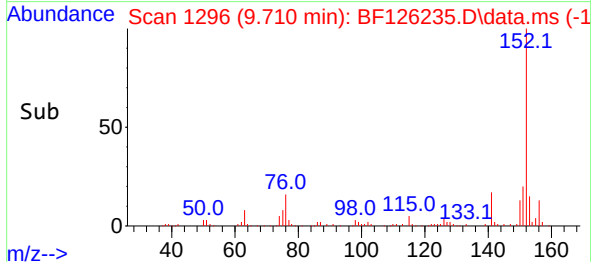
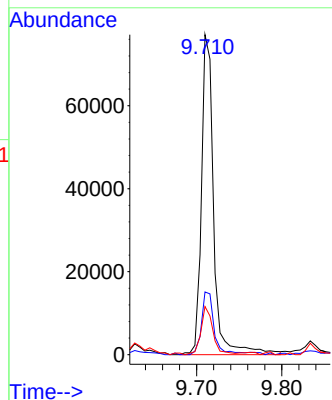
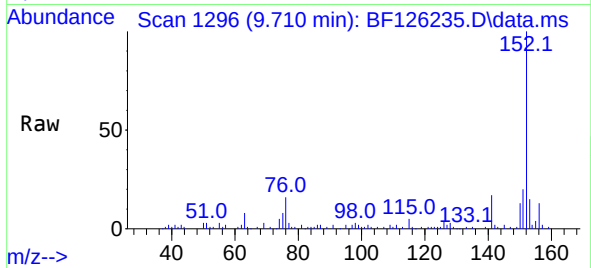
Tgt Ion: 172 Resp: 363285
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.8 18.8 28.2





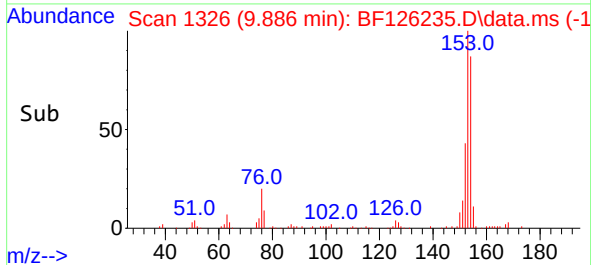
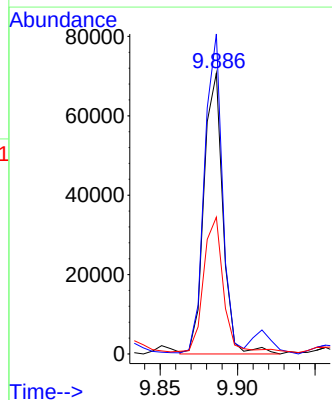
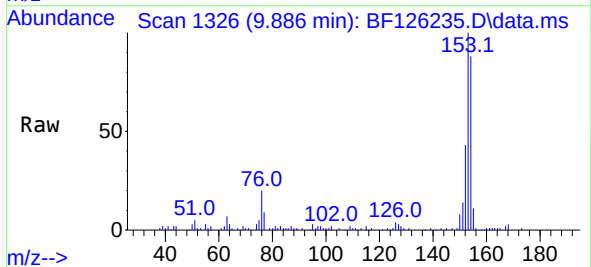
#49
Acenaphthylene
Concen: 2.431 ng
RT: 9.710 min Scan# 1296
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

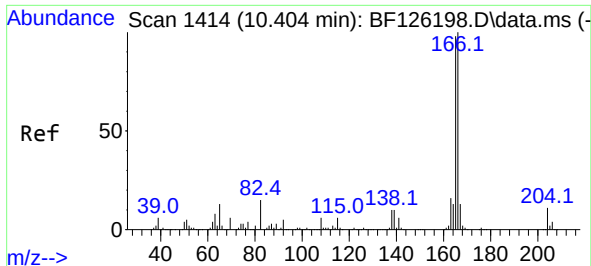
Tgt Ion:152 Resp: 77209
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 15.0 9.8 14.8#



#52
Acenaphthene
Concen: 2.919 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

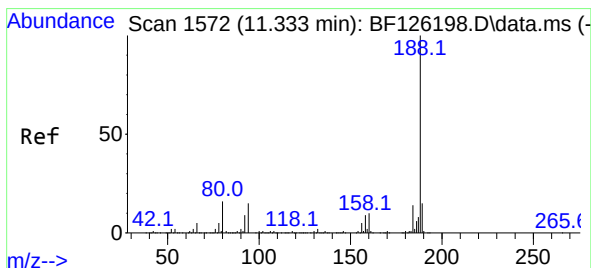
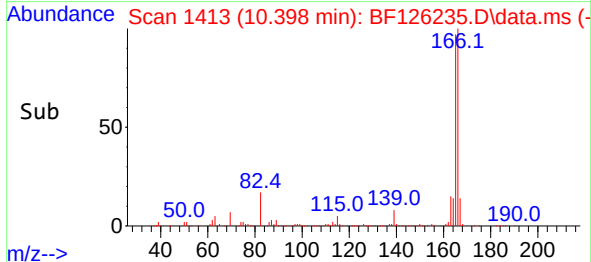
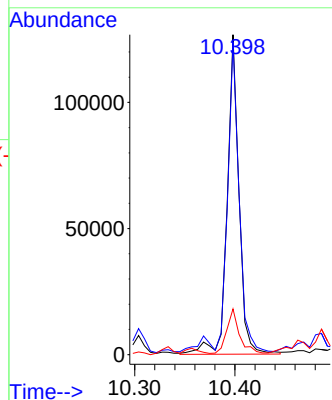
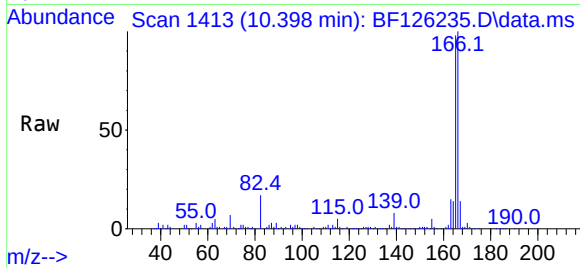
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Ion Ratio Lower Upper
154 100
153 114.0 89.4 134.2
152 48.7 40.5 60.7





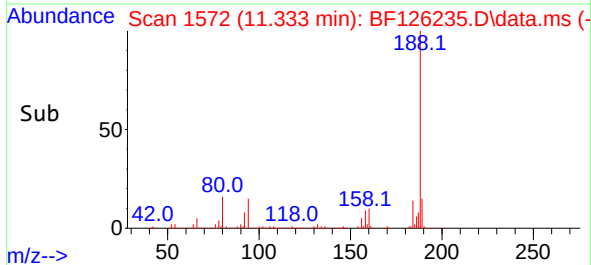
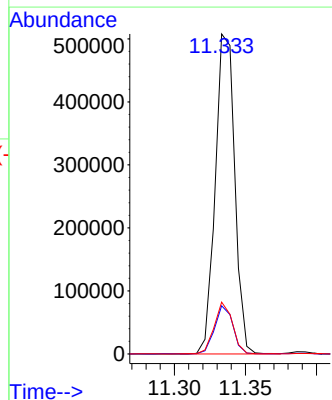
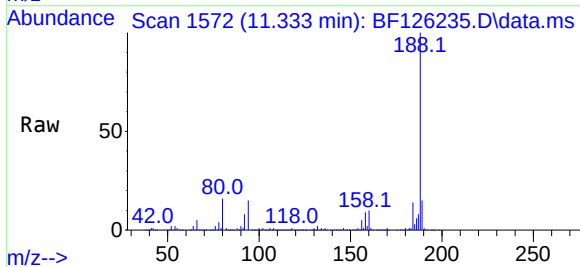
#58
Fluorene
Concen: 5.101 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

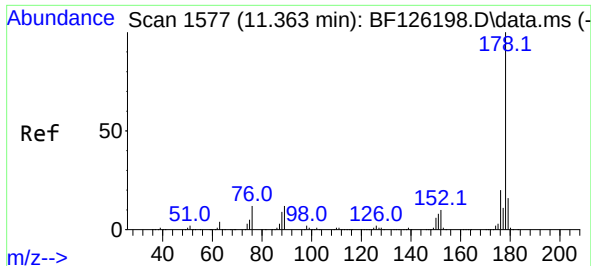
Tgt Ion:166 Resp: 103568
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 14.3 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

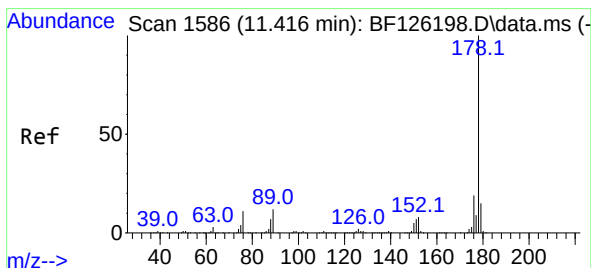
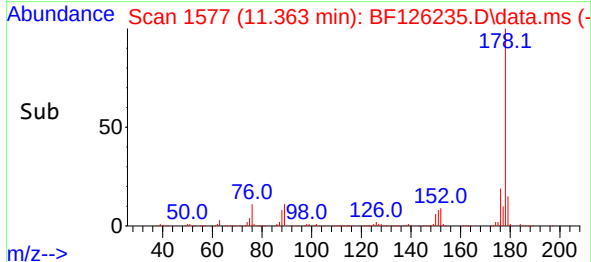
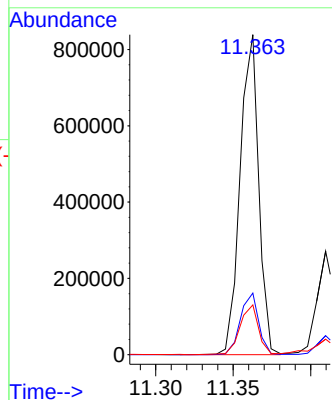
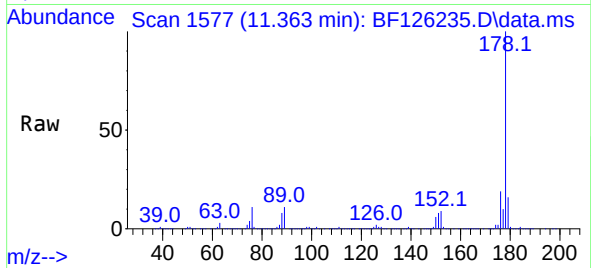
Tgt Ion:188 Resp: 484353
Ion Ratio Lower Upper
188 100
94 15.1 6.7 10.1#
80 16.2 7.5 11.3#





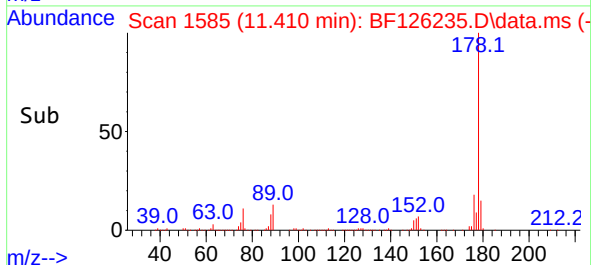
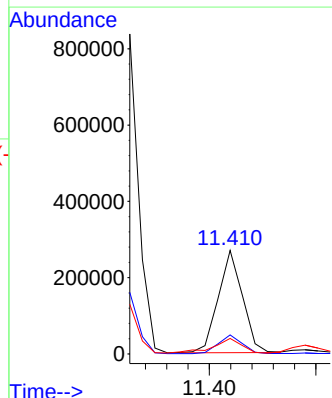
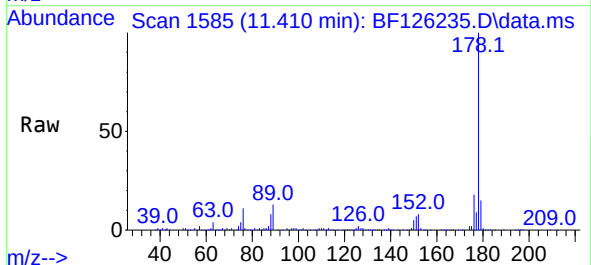
#71
Phenanthrene
Concen: 28.003 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

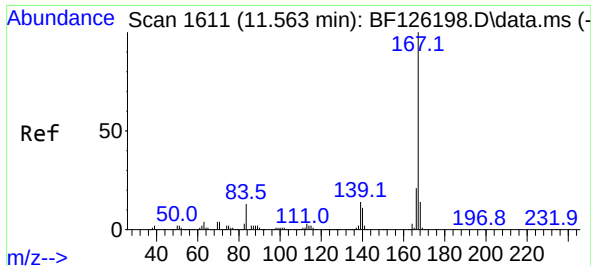
Tgt Ion:178 Resp: 700038
Ion Ratio Lower Upper
178 100
176 19.3 14.7 22.1
179 15.6 11.5 17.3



#72
Anthracene
Concen: 8.465 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

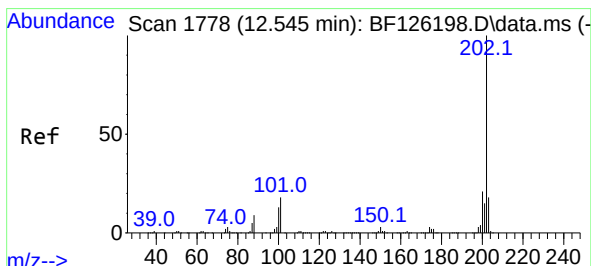
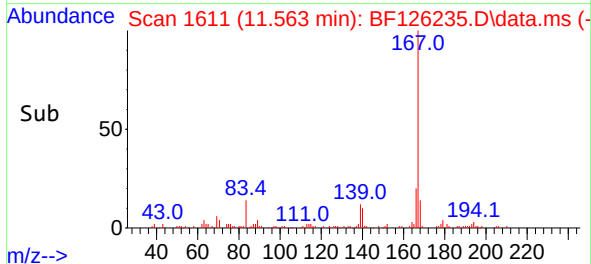
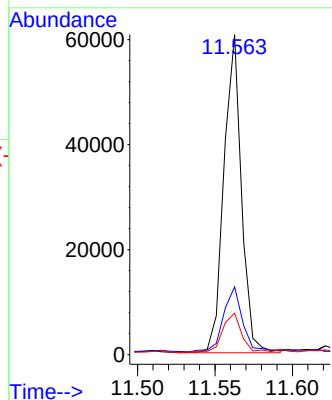
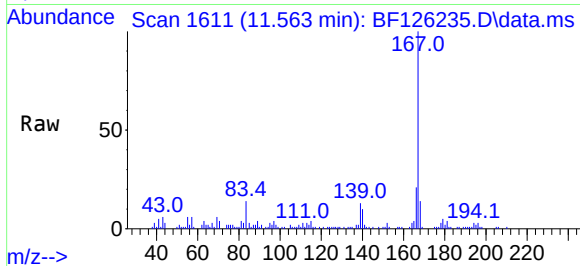
Tgt Ion:178 Resp: 212391
Ion Ratio Lower Upper
178 100
176 18.4 14.3 21.5
179 14.9 12.2 18.4





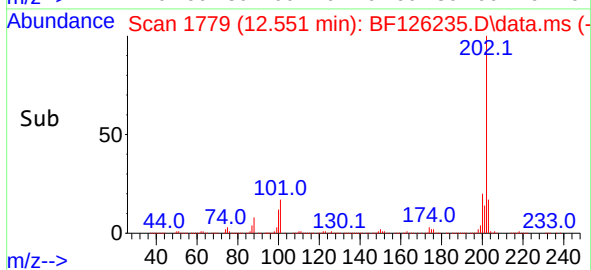
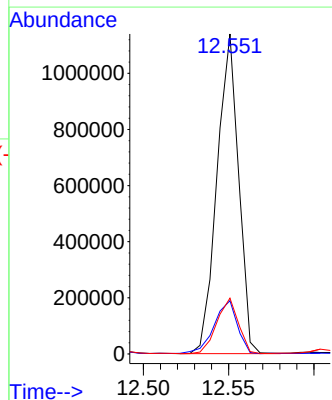
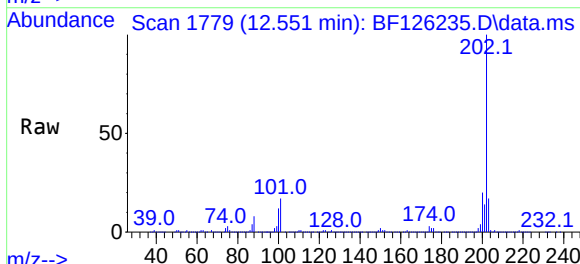
#73
 Carbazole
 Concen: 2.021 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. 0.000 min
 Lab File: BF126235.D
 Acq: 17 Dec 2021 15:08

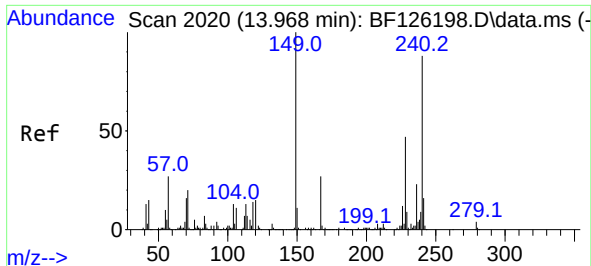
Tgt Ion:167	Resp:	47768
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.4 26.0
139	12.9	11.0 16.4



#75
 Fluoranthene
 Concen: 44.579 ng
 RT: 12.551 min Scan# 1779
 Delta R.T. 0.006 min
 Lab File: BF126235.D
 Acq: 17 Dec 2021 15:08

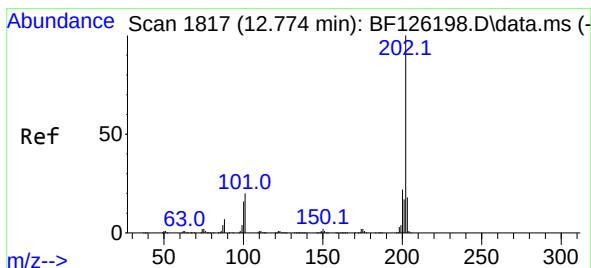
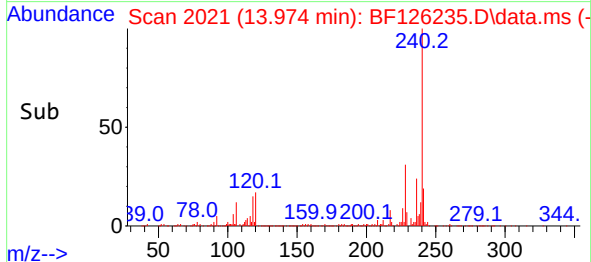
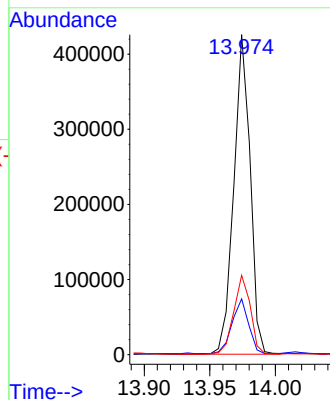
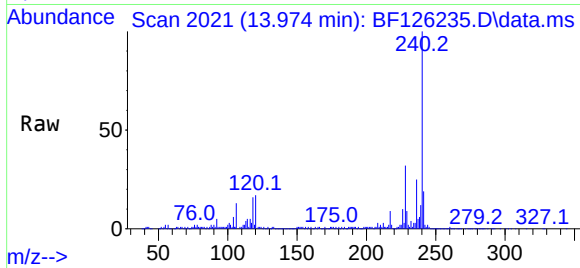
Tgt Ion:202	Resp:	1004081
Ion Ratio	Lower	Upper
202	100	
101	16.7	0.0 30.7
203	17.5	0.0 36.3





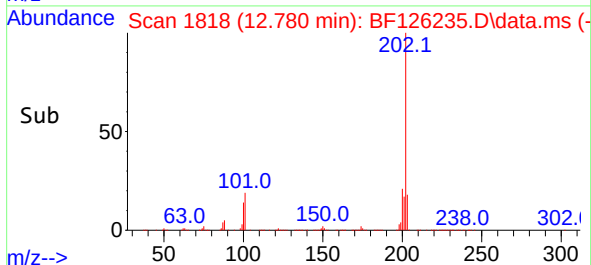
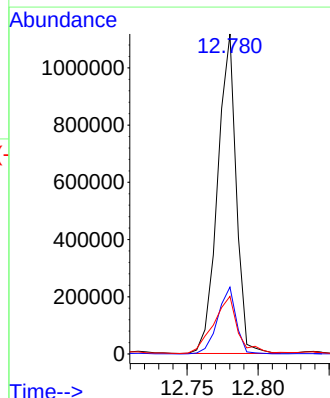
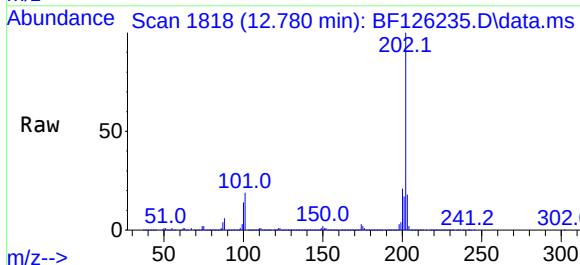
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

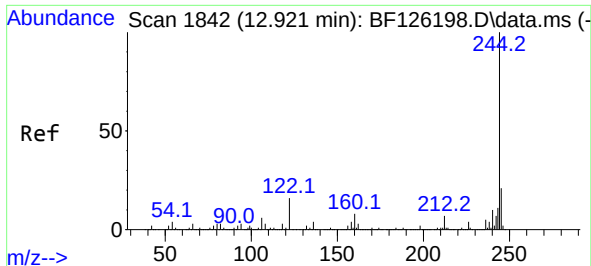
Tgt Ion:240 Resp: 369692
Ion Ratio Lower Upper
240 100
120 17.5 10.8 16.2#
236 24.8 21.6 32.4



#78
Pyrene
Concen: 30.024 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

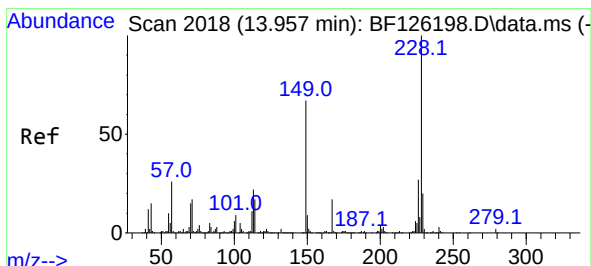
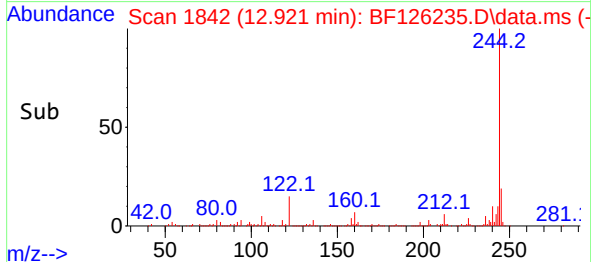
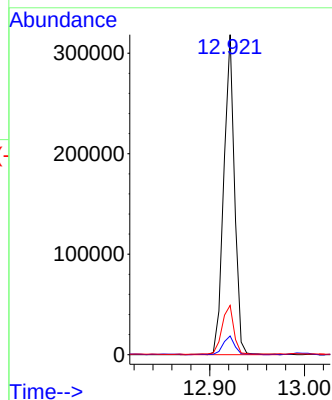
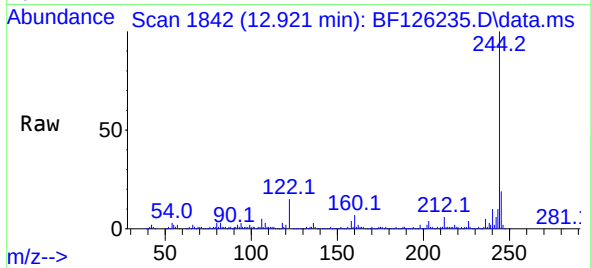
Tgt Ion:202 Resp: 1019736
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 18.0 13.4 20.0





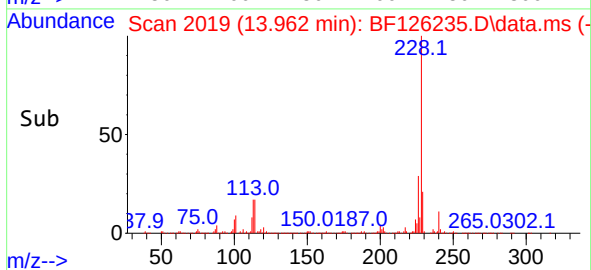
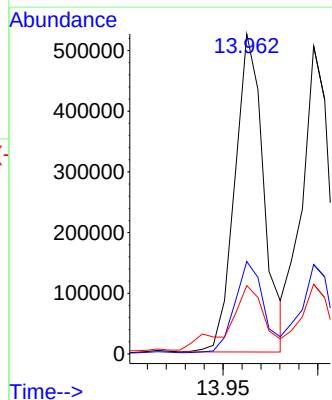
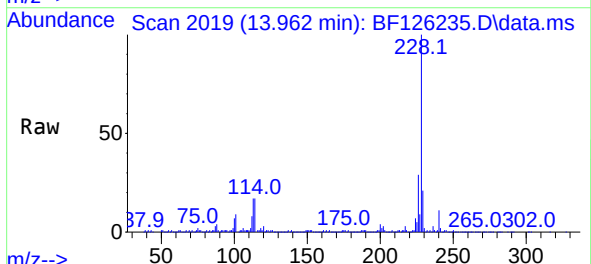
#79
 Terphenyl-d14
 Concen: 11.815 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126235.D
 Acq: 17 Dec 2021 15:08

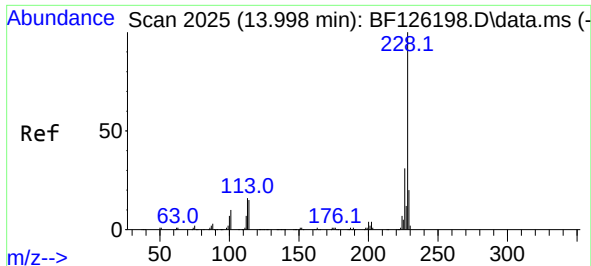
Tgt Ion:244 Resp: 251307
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.9 8.9#
 122 15.4 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 25.328 ng
 RT: 13.962 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF126235.D
 Acq: 17 Dec 2021 15:08

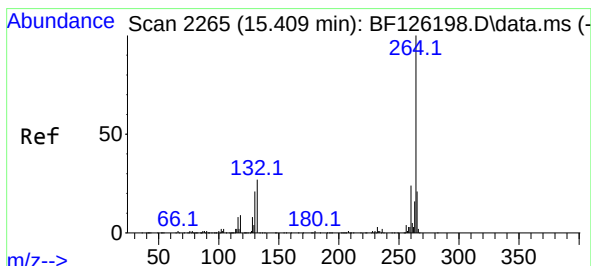
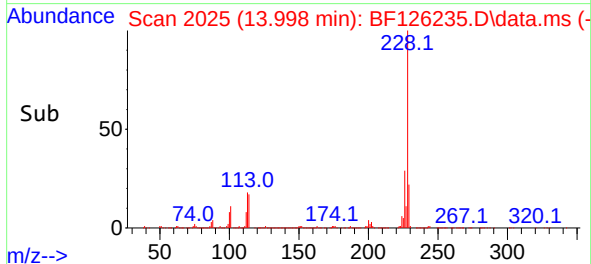
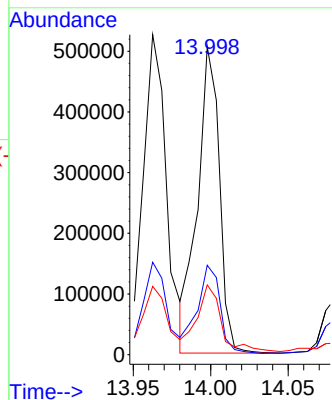
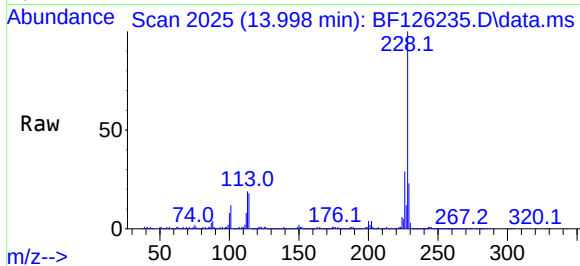
Tgt Ion:228 Resp: 554638
 Ion Ratio Lower Upper
 228 100
 226 28.9 21.6 32.4
 229 21.4 15.6 23.4





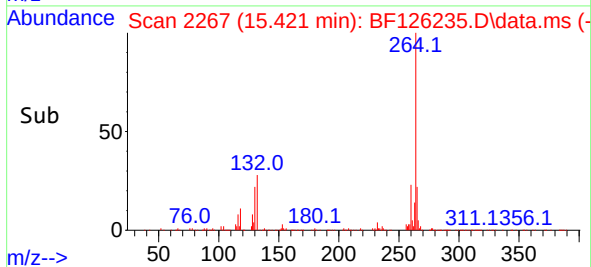
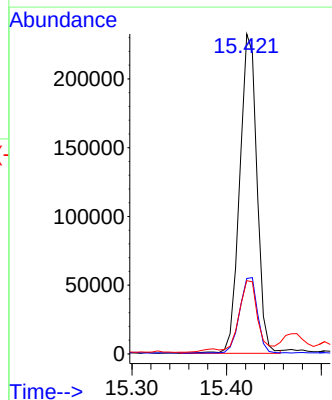
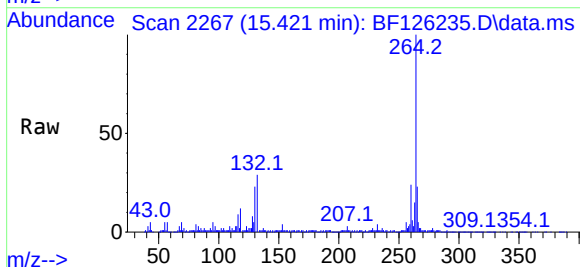
#83
Chrysene
Concen: 21.824 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

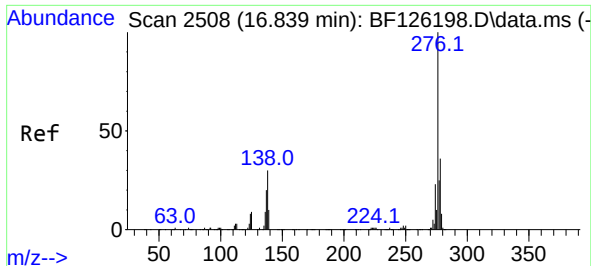
Tgt Ion:228	Resp: 496556
Ion Ratio	Lower Upper
228	100
226	29.1 22.6 34.0
229	22.6 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

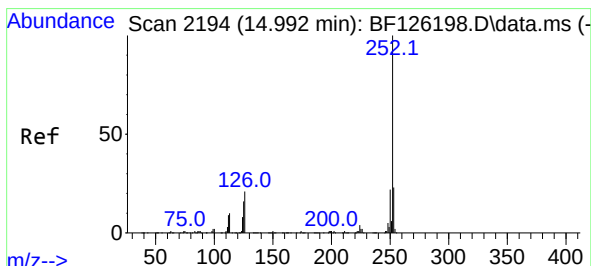
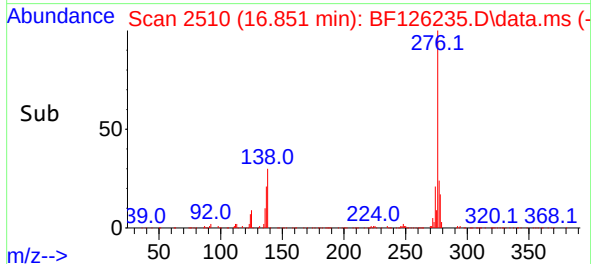
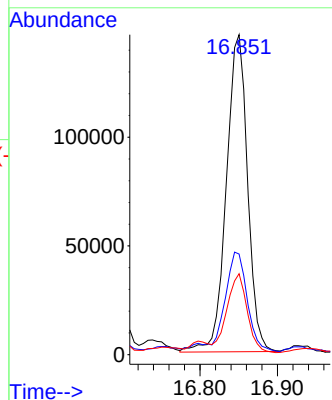
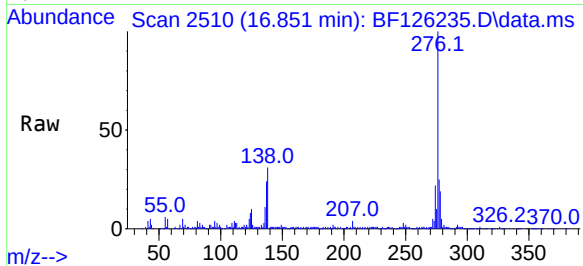
Tgt Ion:264	Resp: 293932
Ion Ratio	Lower Upper
264	100
260	23.6 19.6 29.4
265	22.9 17.2 25.8





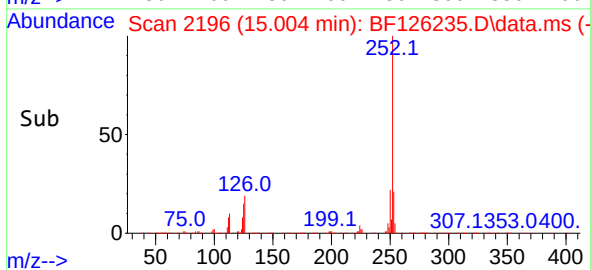
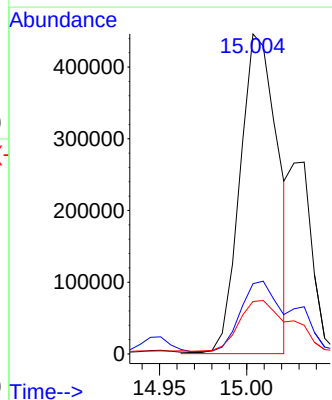
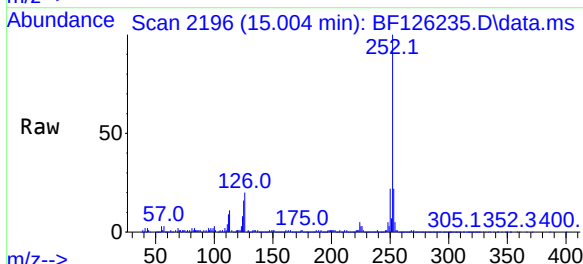
#87
Indeno(1,2,3-cd)pyrene
Concen: 14.219 ng
RT: 16.851 min Scan# 2510
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

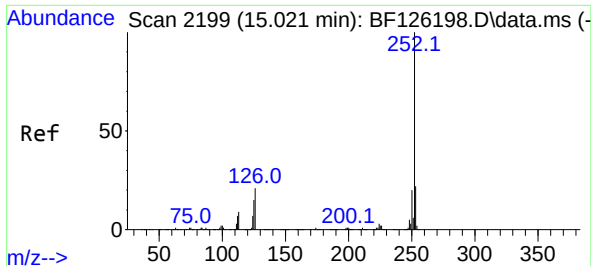
Tgt Ion:276 Resp: 278770
Ion Ratio Lower Upper
276 100
138 32.7 24.1 36.1
277 23.7 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 37.976 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

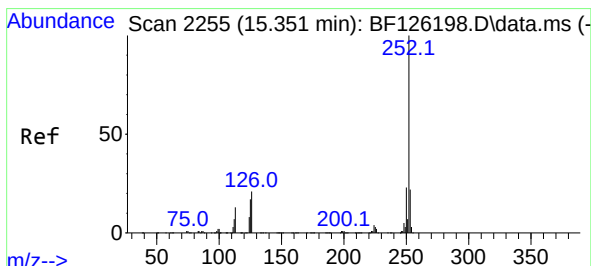
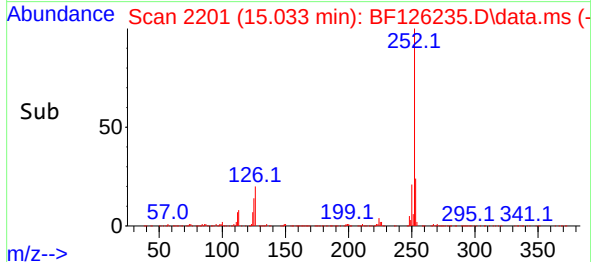
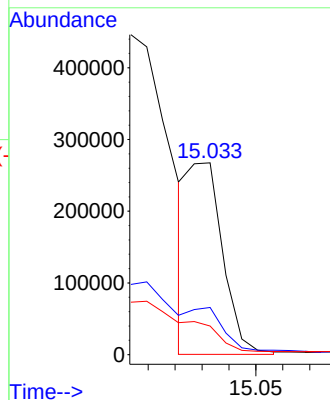
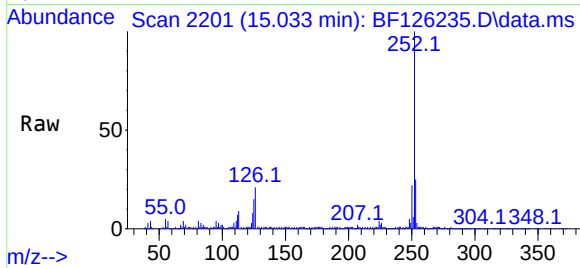
Tgt Ion:252 Resp: 670695
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 16.4 9.8 14.8#





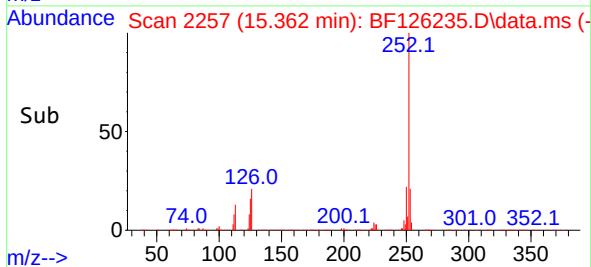
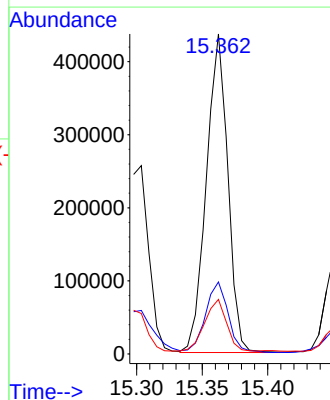
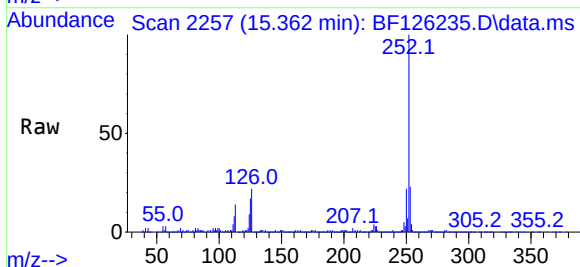
#89
Benzo(k)fluoranthene
Concen: 14.087 ng m
RT: 15.033 min Scan# 2201
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

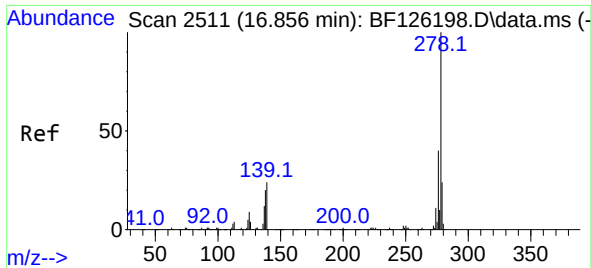
Tgt Ion:252 Resp: 238003
Ion Ratio Lower Upper
252 100
253 24.6 17.8 26.8
125 14.9 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 33.917 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

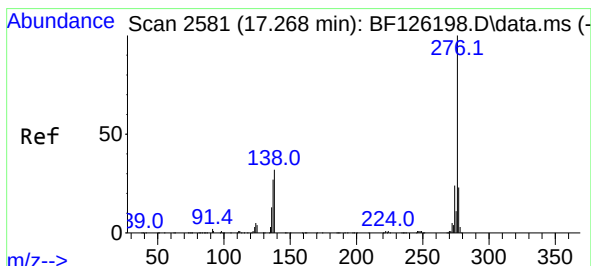
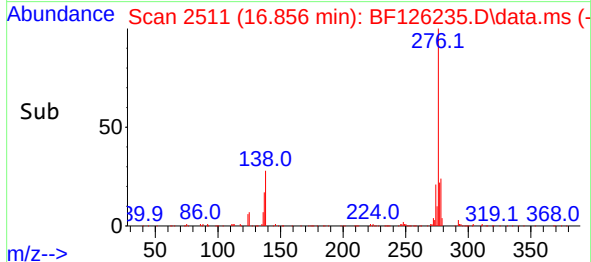
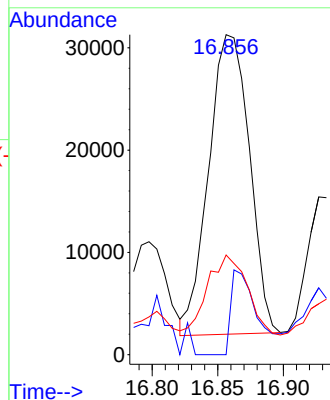
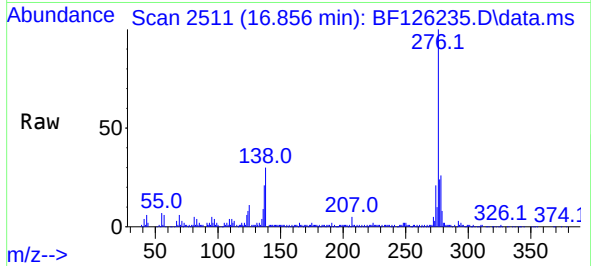
Tgt Ion:252 Resp: 497849
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 17.1 9.9 14.9#





#91
Dibenzo(a,h)anthracene
Concen: 3.976 ng
RT: 16.856 min Scan# 2511
Delta R.T. 0.000 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

Tgt Ion:278 Resp: 63368
Ion Ratio Lower Upper
278 100
139 0.0 14.9 22.3#
279 31.2 19.7 29.5#



#92
Benzo(g,h,i)perylene
Concen: 15.621 ng
RT: 17.280 min Scan# 2583
Delta R.T. 0.012 min
Lab File: BF126235.D
Acq: 17 Dec 2021 15:08

Tgt Ion:276 Resp: 257584
Ion Ratio Lower Upper
276 100
277 24.3 22.0 33.0
138 33.8 22.2 33.4#

