

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126236.D
 Acq On : 17 Dec 2021 15:41
 Operator : JU/CG
 Sample : M5087-01 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Dec 17 16:03:55 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

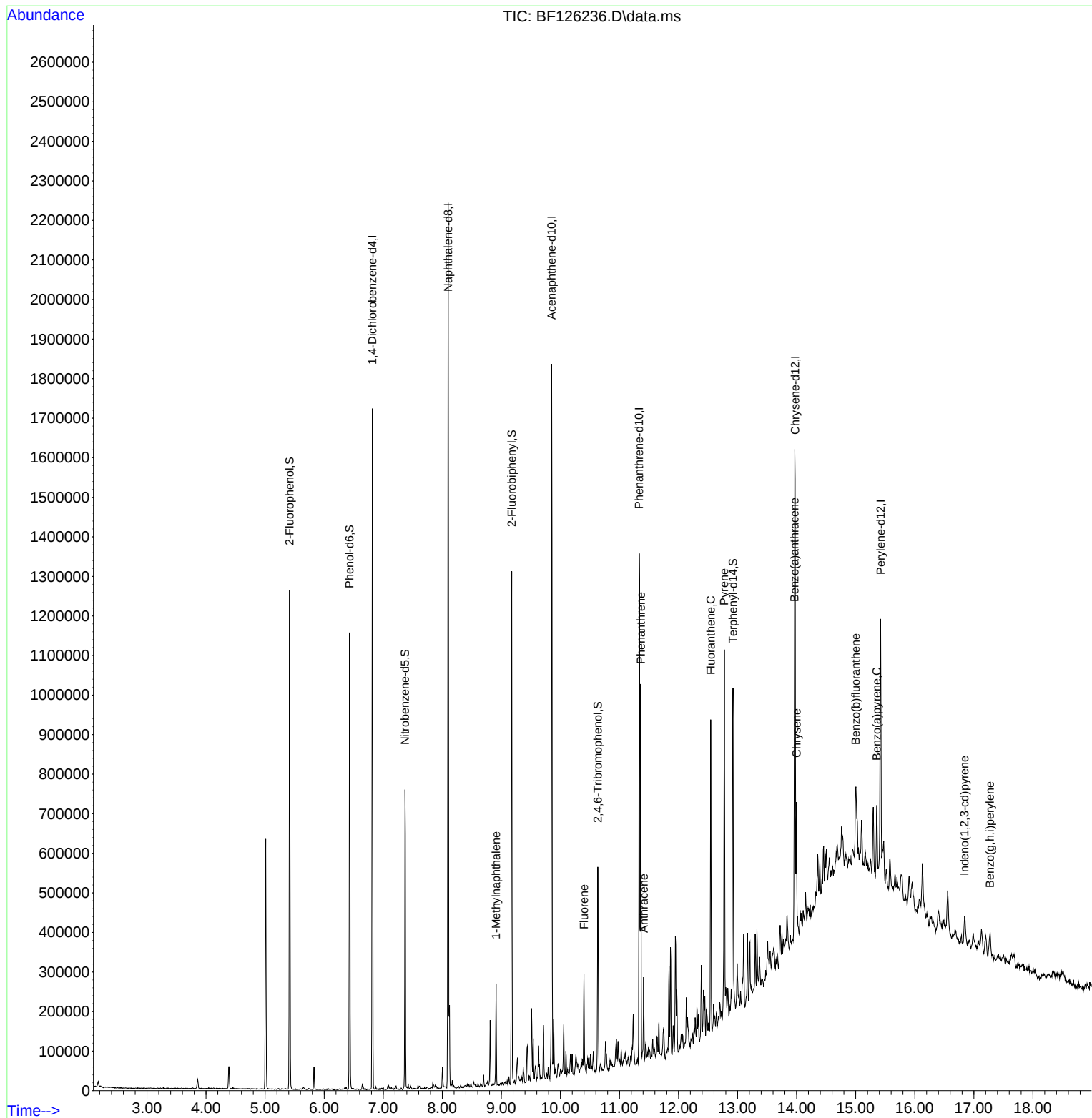
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	225409	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	875778	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	340868	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	464499	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	373231	20.000	ng	0.00
86) Perylene-d12	15.421	264	275282	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	321535	21.007	ng	0.00
7) Phenol-d6	6.428	99	384882	19.803	ng	-0.02
23) Nitrobenzene-d5	7.369	82	226666	14.017	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	46830	17.095	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	340371	17.513	ng	0.00
79) Terphenyl-d14	12.922	244	255763	11.911	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.910	142	58116	2.374	ng	100
58) Fluorene	10.398	166	56761	3.065	ng	99
71) Phenanthrene	11.363	178	349335	14.571	ng	99
72) Anthracene	11.410	178	66721	2.773	ng	99
75) Fluoranthene	12.545	202	260418	12.056	ng	89
78) Pyrene	12.774	202	338422	9.870	ng	97
81) Benzo(a)anthracene	13.963	228	125379m	5.671	ng	
83) Chrysene	13.998	228	134203	5.842	ng	97
87) Indeno(1,2,3-cd)pyrene	16.839	276	39143m	2.132	ng	
88) Benzo(b)fluoranthene	14.998	252	118801m	7.182	ng	
90) Benzo(a)pyrene	15.357	252	85021	6.185	ng	# 89
92) Benzo(g,h,i)perylene	17.274	276	42407	2.746	ng	# 89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126236.D
Acq On : 17 Dec 2021 15:41
Operator : JU/CG
Sample : M5087-01 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

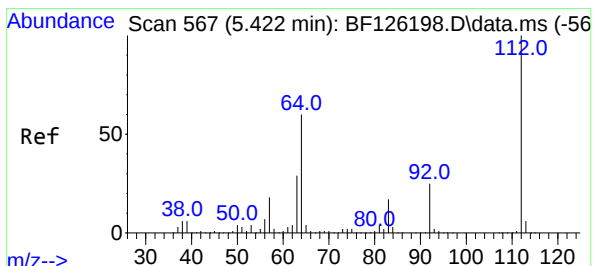
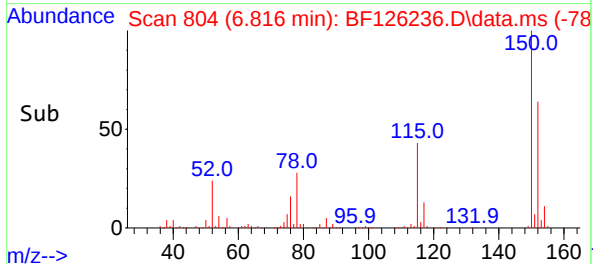
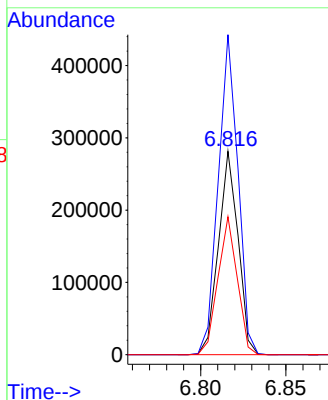
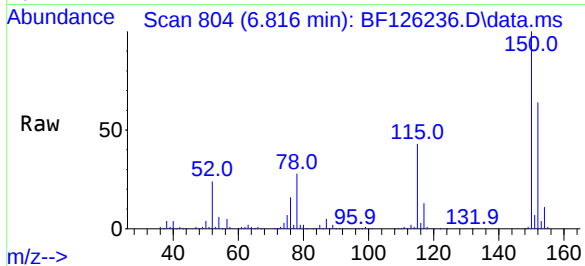
Quant Time: Dec 17 16:03:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





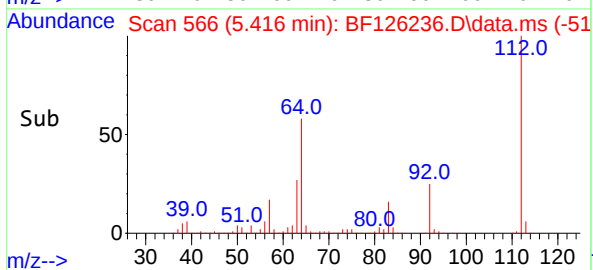
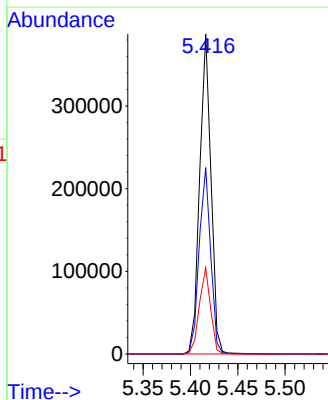
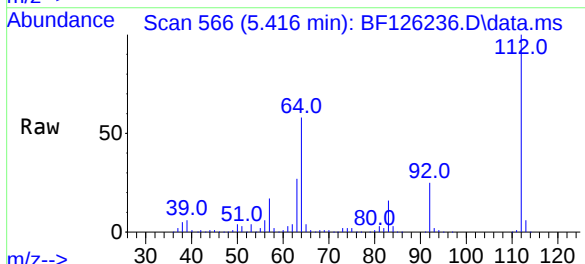
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

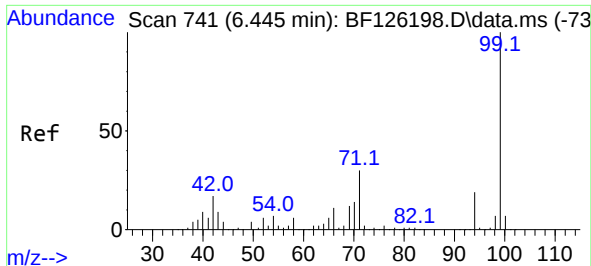
Tgt Ion:152 Resp: 225409
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 67.8 47.1 70.7



#5
2-Fluorophenol
Concen: 21.007 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

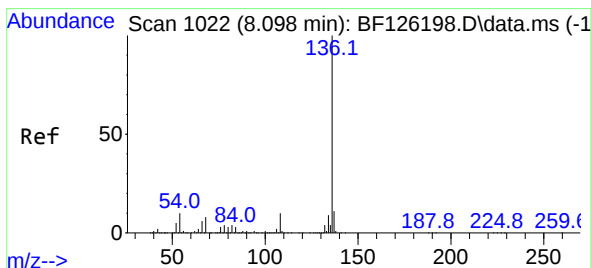
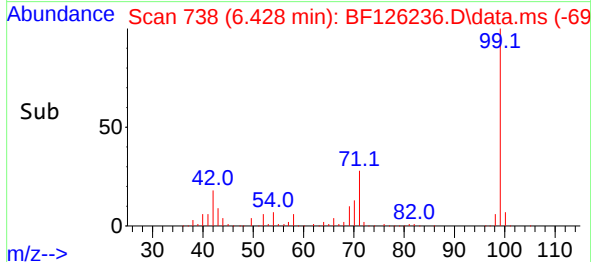
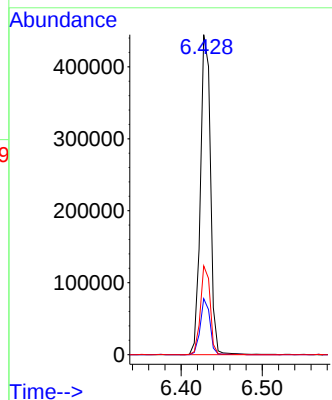
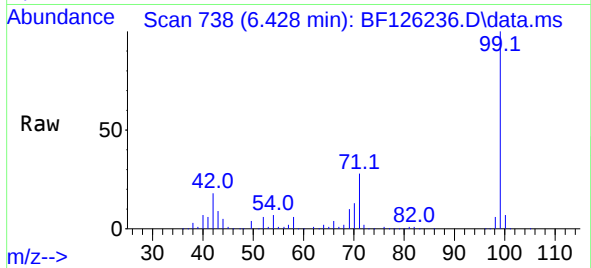
Tgt Ion:112 Resp: 321535
Ion Ratio Lower Upper
112 100
64 58.2 44.2 66.2
63 26.9 26.2 39.2





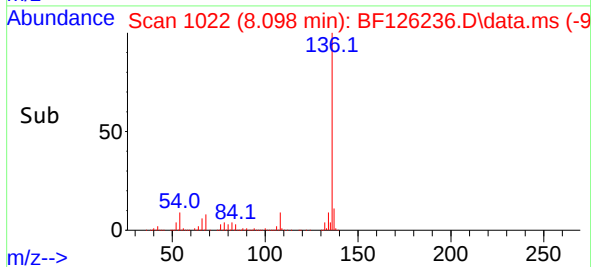
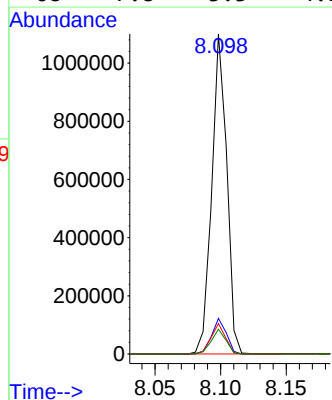
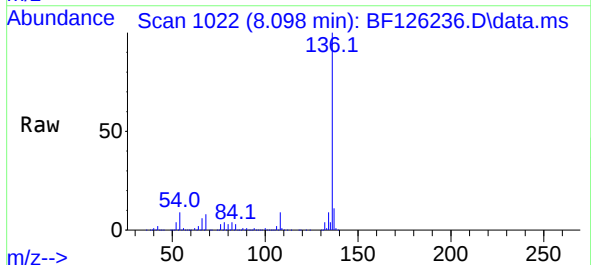
#7
Phenol-d6
Concen: 19.803 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

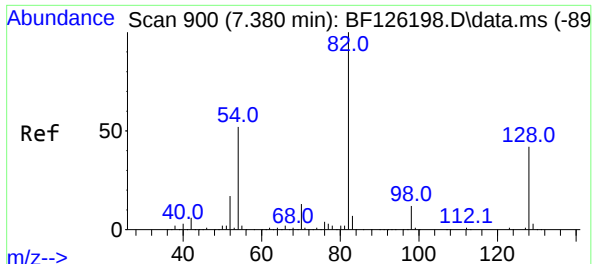
Tgt Ion: 99 Resp: 384882
Ion Ratio Lower Upper
99 100
42 17.5 23.5 35.3#
71 27.7 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

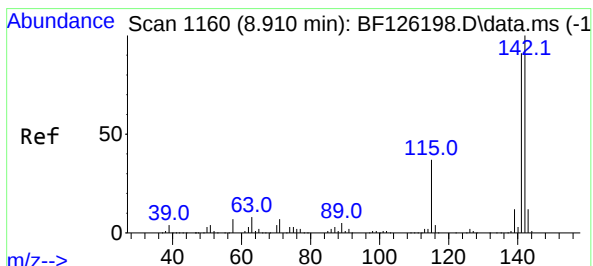
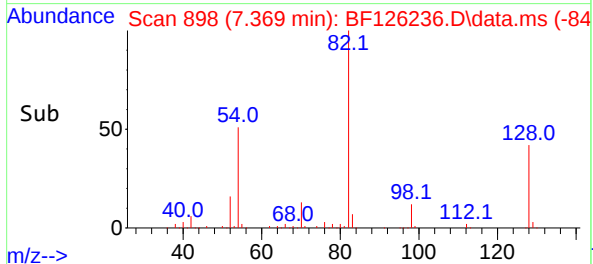
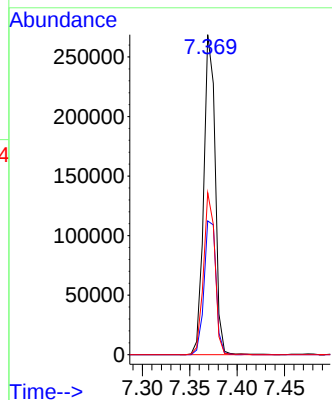
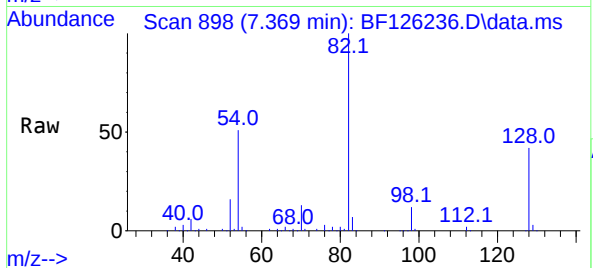
Tgt Ion: 136 Resp: 875778
Ion Ratio Lower Upper
136 100
137 11.1 9.8 14.6
54 9.5 6.4 9.6
68 7.8 3.3 4.9#





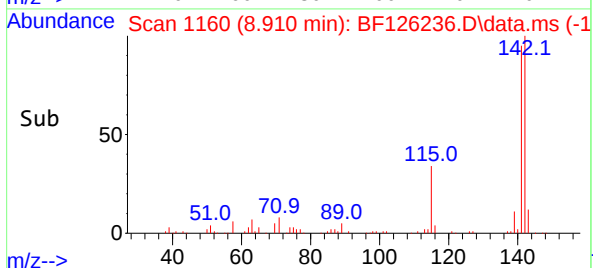
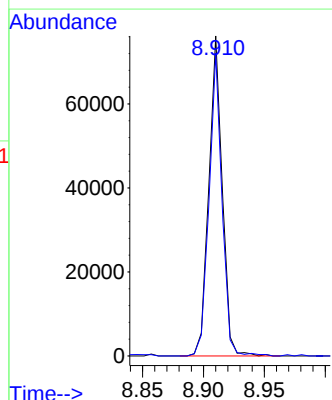
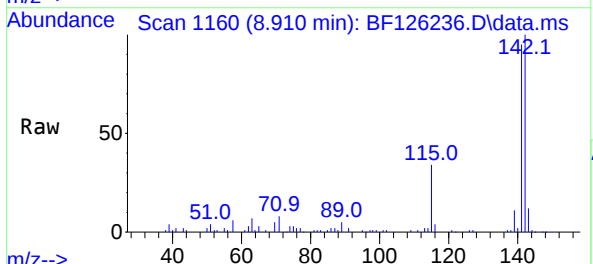
#23
Nitrobenzene-d5
Concen: 14.017 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.011 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

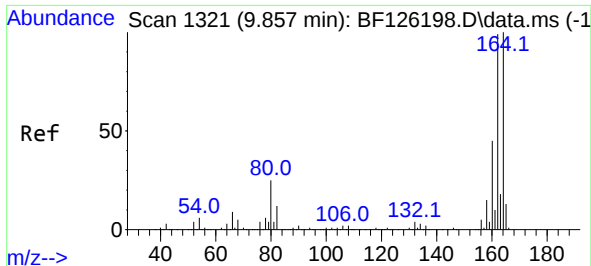
Tgt Ion: 82 Resp: 226666
Ion Ratio Lower Upper
82 100
128 41.8 40.6 60.8
54 50.6 49.6 74.4



#38
1-Methylnaphthalene
Concen: 2.374 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

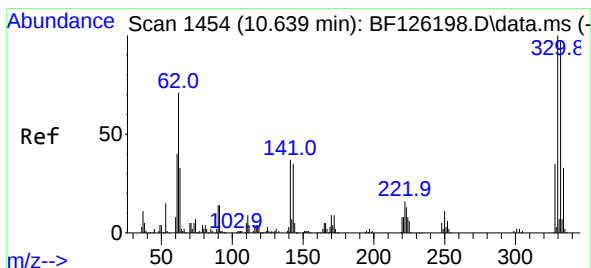
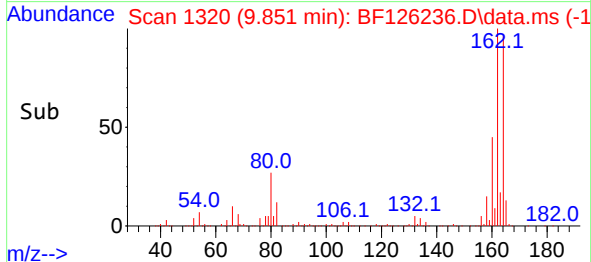
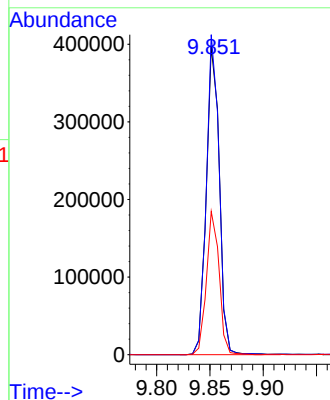
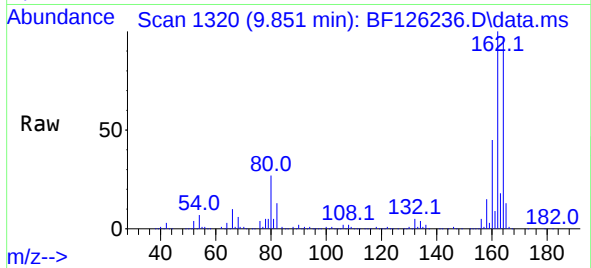
Tgt Ion: 142 Resp: 58116
Ion Ratio Lower Upper
142 100
141 94.7 76.0 114.0





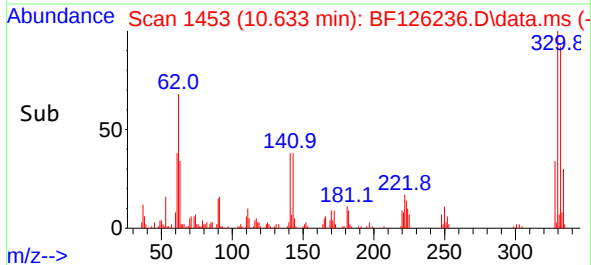
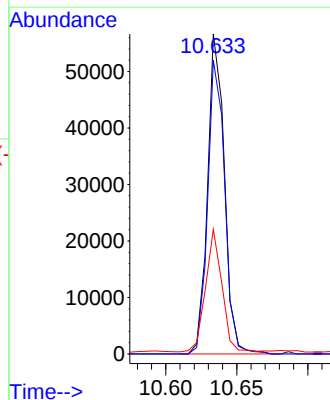
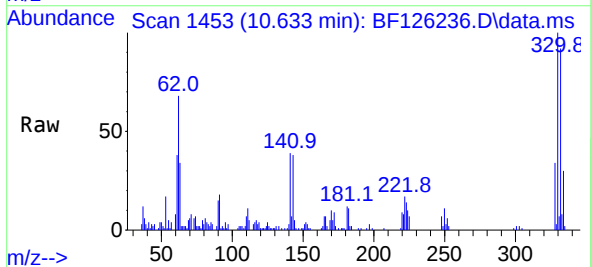
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

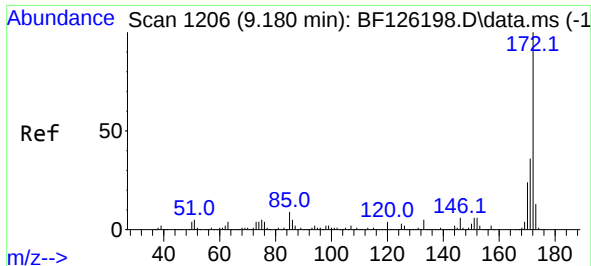
Tgt Ion:164 Resp: 340868
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 46.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 17.095 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

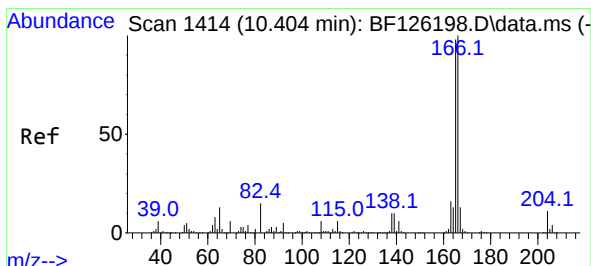
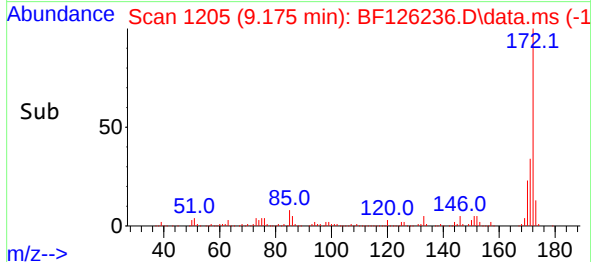
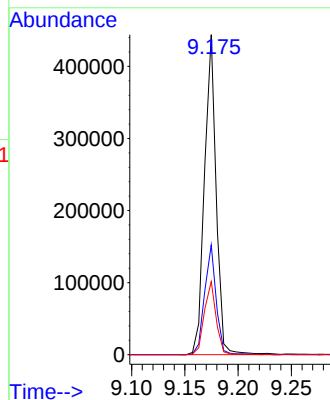
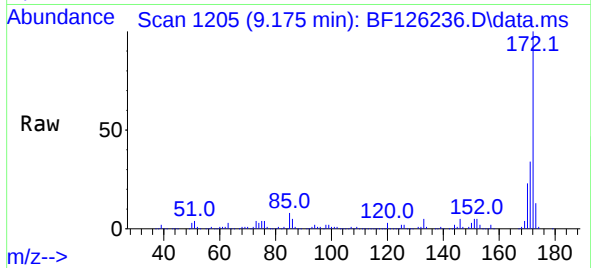
Tgt Ion:330 Resp: 46830
Ion Ratio Lower Upper
330 100
332 93.0 76.2 114.4
141 37.2 44.6 66.8#





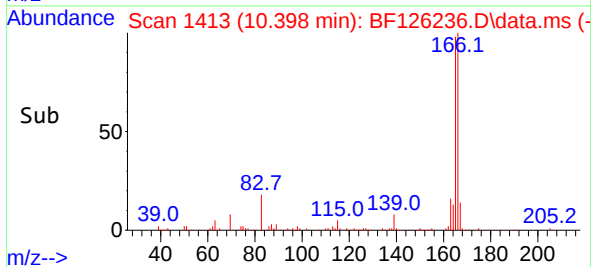
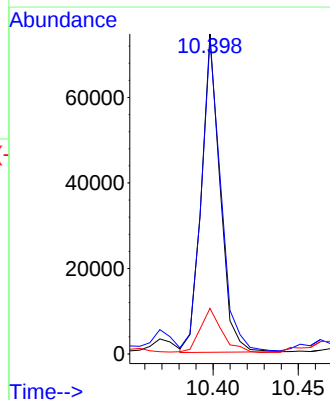
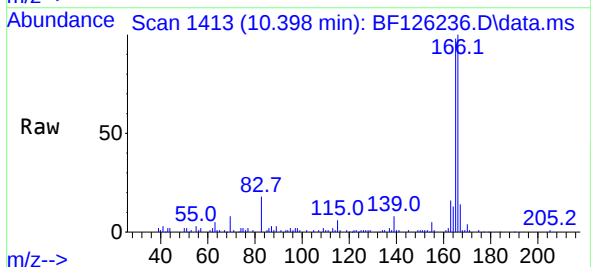
#45
2-Fluorobiphenyl
Concen: 17.513 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

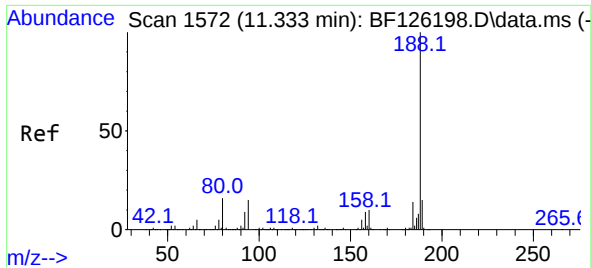
Tgt Ion:172 Resp: 340371
Ion Ratio Lower Upper
172 100
171 34.3 26.5 39.7
170 22.8 18.8 28.2



#58
Fluorene
Concen: 3.065 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

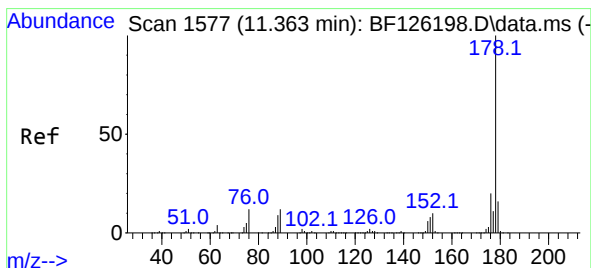
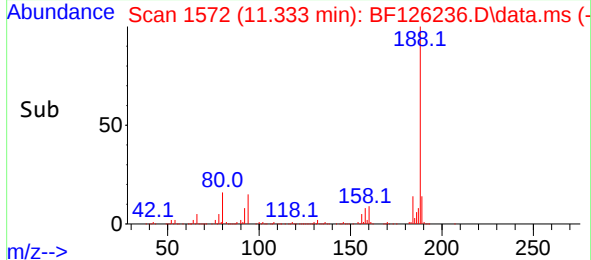
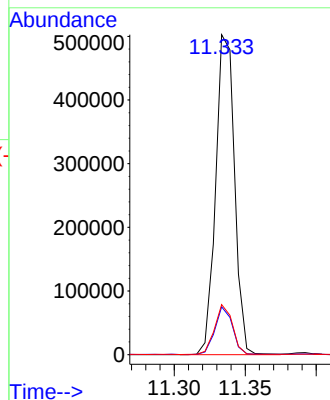
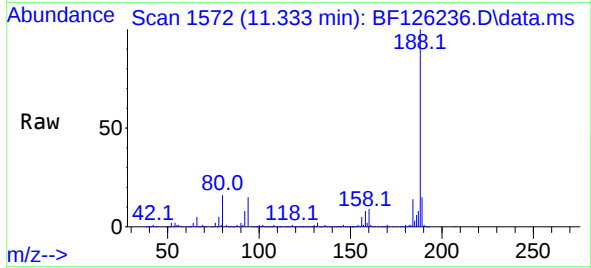
Tgt Ion:166 Resp: 56761
Ion Ratio Lower Upper
166 100
165 98.4 78.1 117.1
167 14.3 11.1 16.7





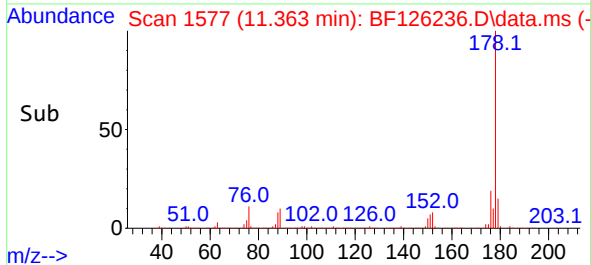
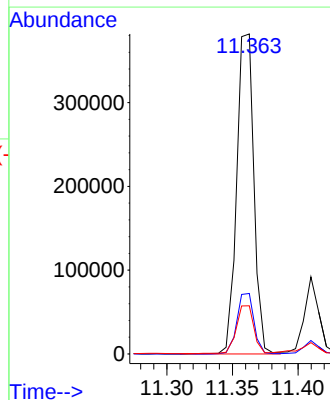
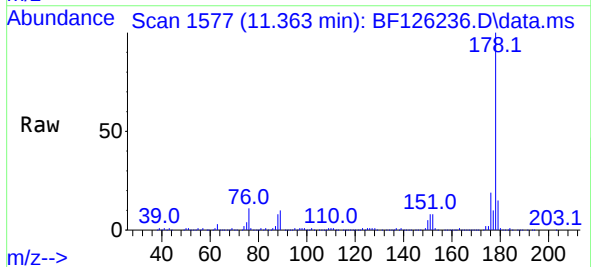
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

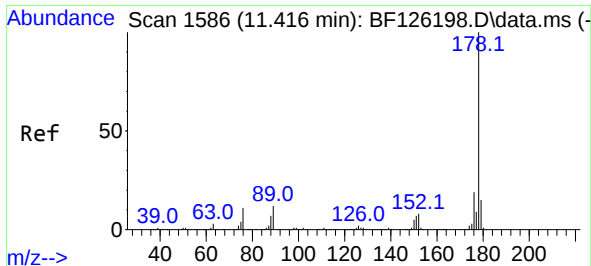
Tgt Ion:188 Resp: 464499
Ion Ratio Lower Upper
188 100
94 14.9 6.7 10.1#
80 15.7 7.5 11.3#



#71
Phenanthrene
Concen: 14.571 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

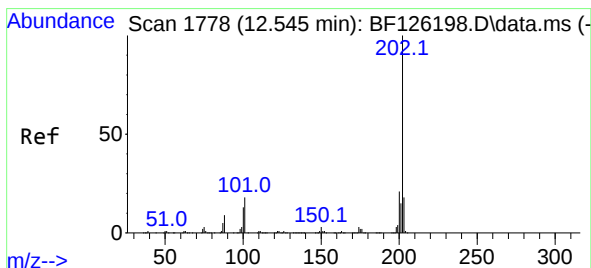
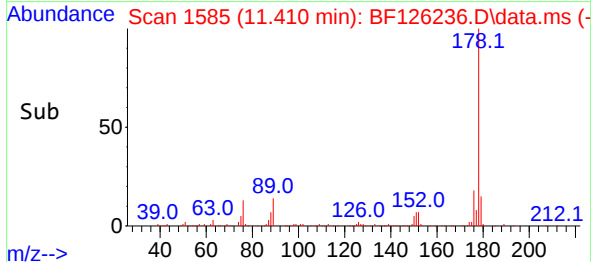
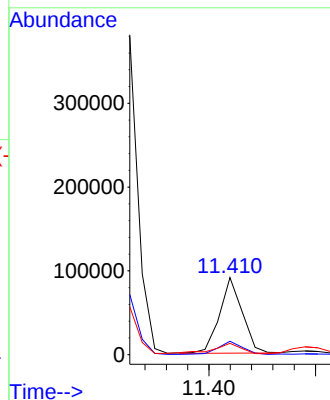
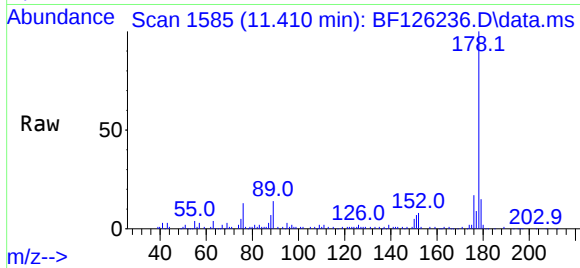
Tgt Ion:178 Resp: 349335
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.1 11.5 17.3





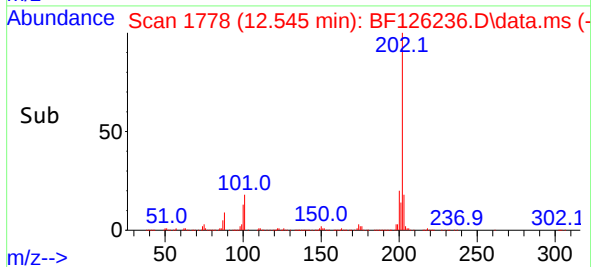
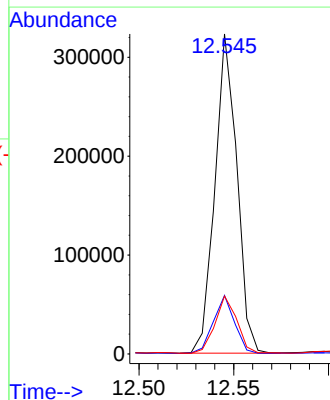
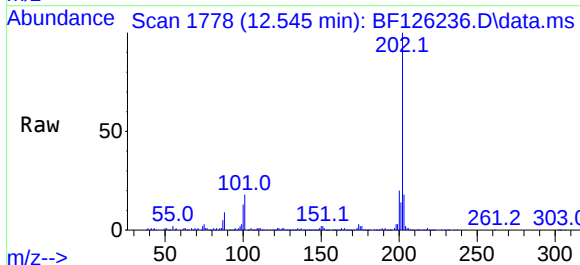
#72
 Anthracene
 Concen: 2.773 ng
 RT: 11.410 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: BF126236.D
 Acq: 17 Dec 2021 15:41

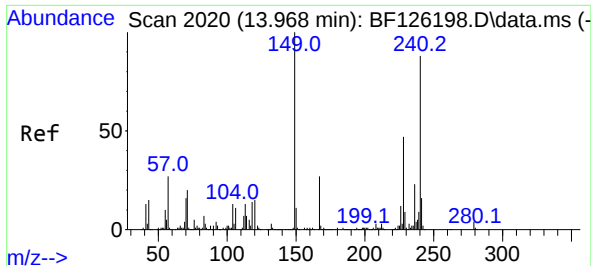
Tgt Ion:178 Resp: 66721
 Ion Ratio Lower Upper
 178 100
 176 17.5 14.3 21.5
 179 14.8 12.2 18.4



#75
 Fluoranthene
 Concen: 12.056 ng
 RT: 12.545 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: BF126236.D
 Acq: 17 Dec 2021 15:41

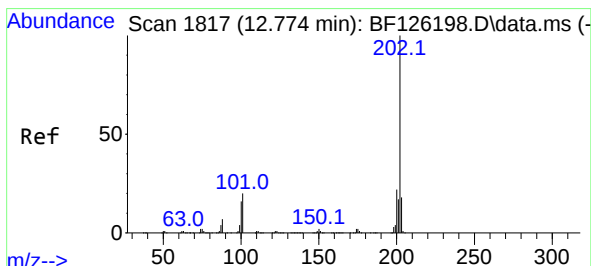
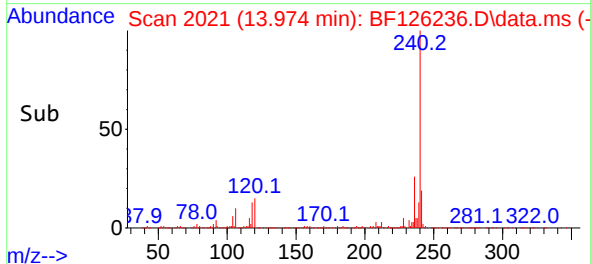
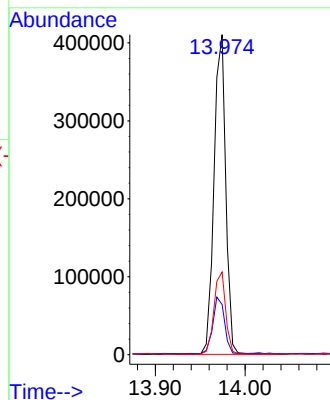
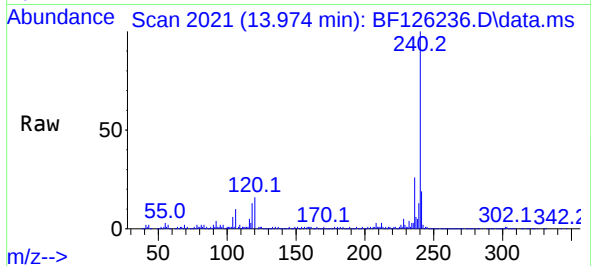
Tgt Ion:202 Resp: 260418
 Ion Ratio Lower Upper
 202 100
 101 18.3 0.0 30.7
 203 18.1 0.0 36.3





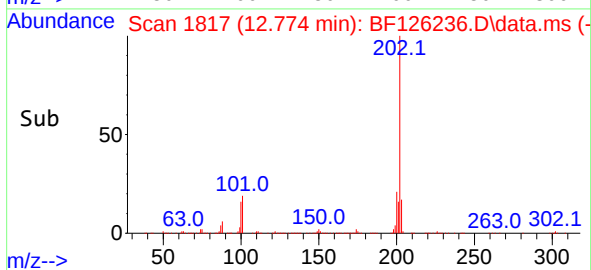
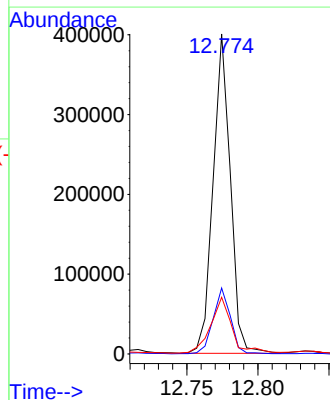
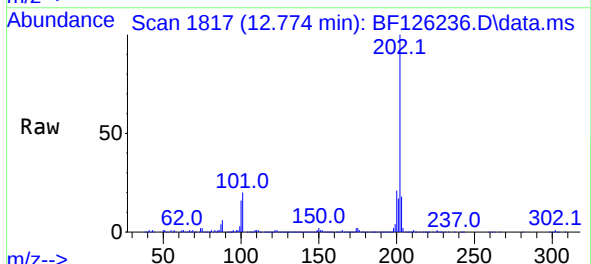
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

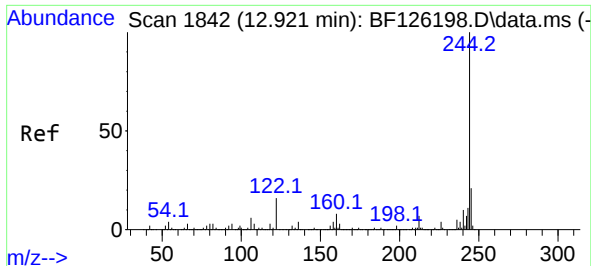
Tgt Ion:240 Resp: 373231
Ion Ratio Lower Upper
240 100
120 15.7 10.8 16.2
236 25.9 21.6 32.4



#78
Pyrene
Concen: 9.870 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

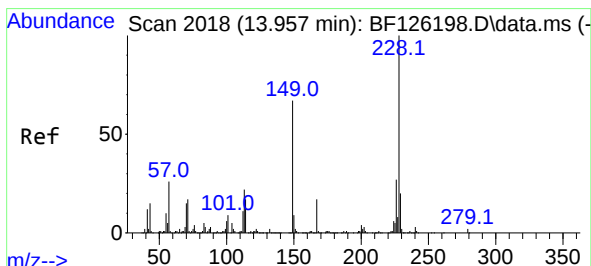
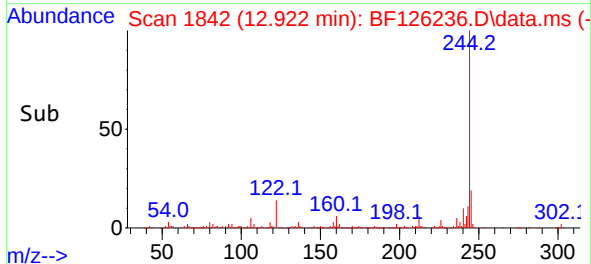
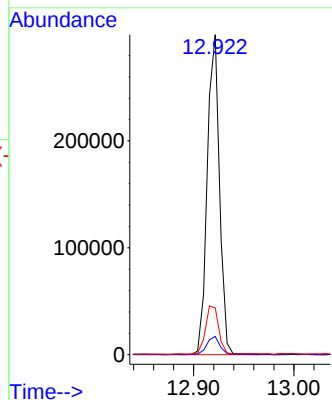
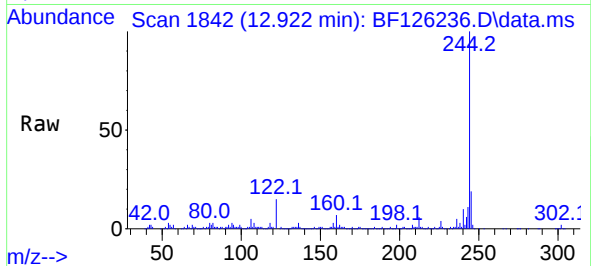
Tgt Ion:202 Resp: 338422
Ion Ratio Lower Upper
202 100
200 20.6 15.3 22.9
203 17.7 13.4 20.0





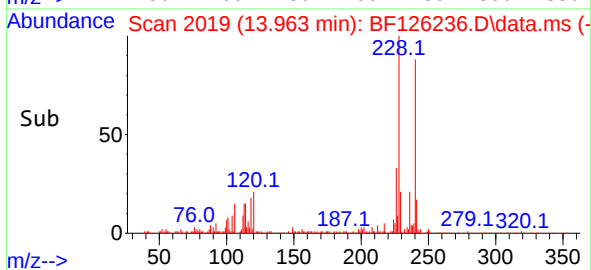
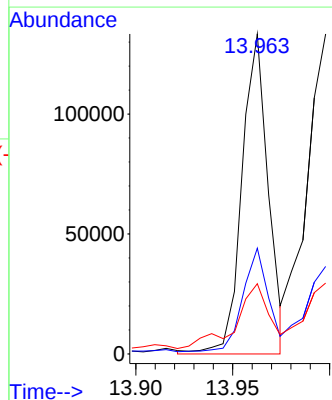
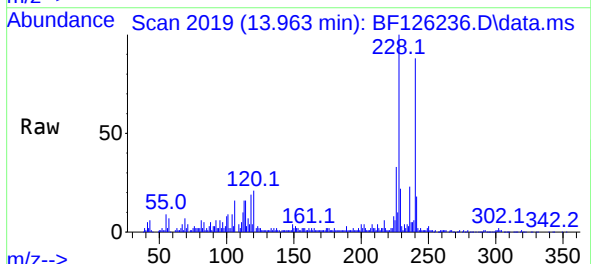
#79
 Terphenyl-d14
 Concen: 11.911 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126236.D
 Acq: 17 Dec 2021 15:41

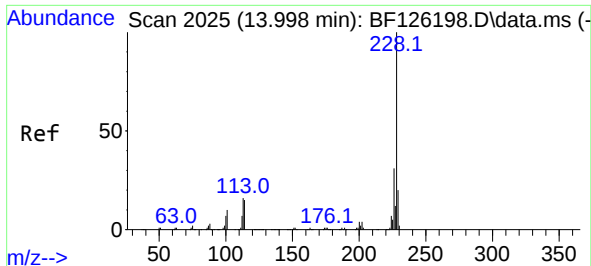
Tgt Ion:244 Resp: 255763
 Ion Ratio Lower Upper
 244 100
 212 5.7 5.9 8.9#
 122 14.7 9.0 13.4#



#81
 Benzo(a)anthracene
 Concen: 5.671 ng m
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF126236.D
 Acq: 17 Dec 2021 15:41

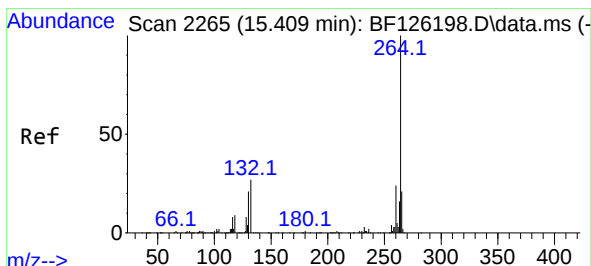
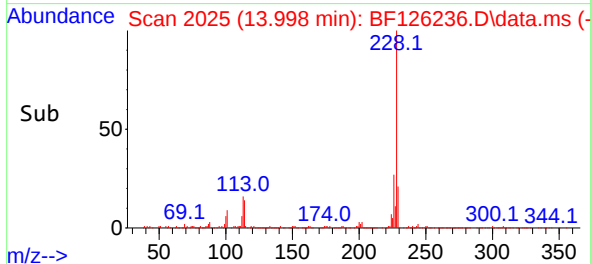
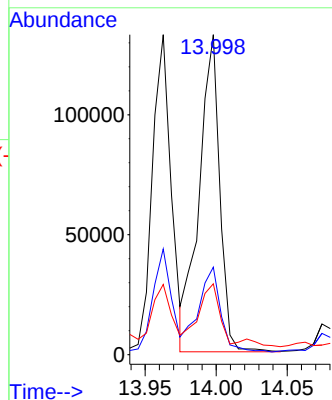
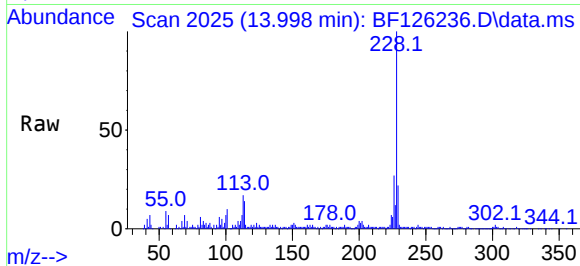
Tgt Ion:228 Resp: 125379
 Ion Ratio Lower Upper
 228 100
 226 33.0 21.6 32.4#
 229 21.9 15.6 23.4





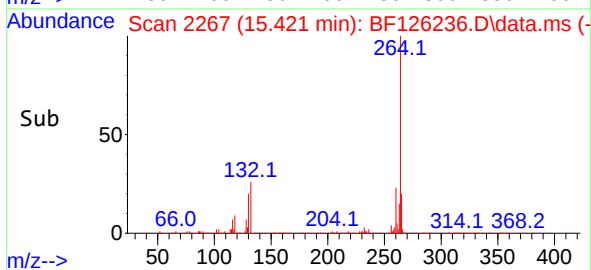
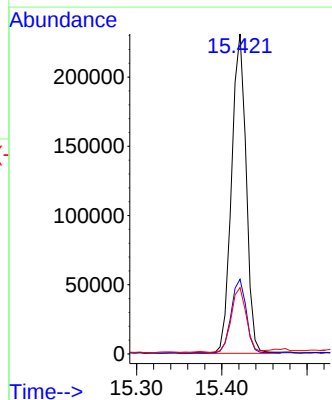
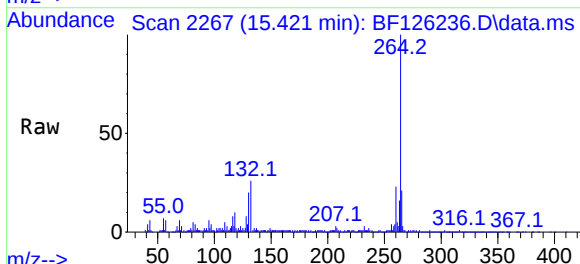
#83
Chrysene
Concen: 5.842 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

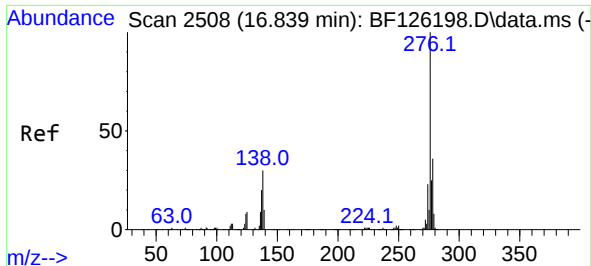
Tgt Ion:228 Resp: 134203
Ion Ratio Lower Upper
228 100
226 27.4 22.6 34.0
229 22.2 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

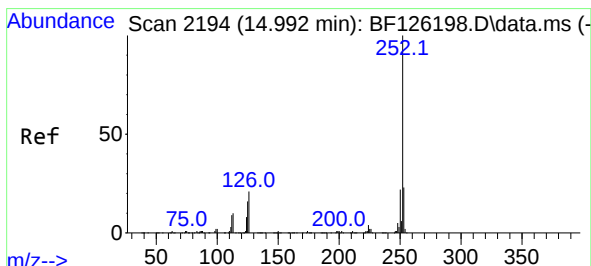
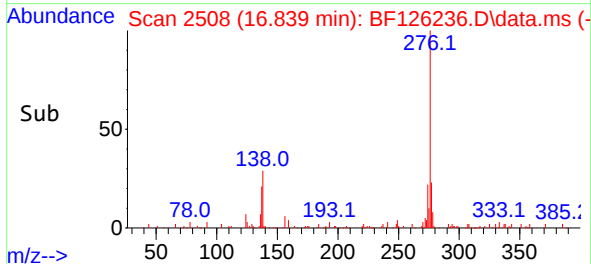
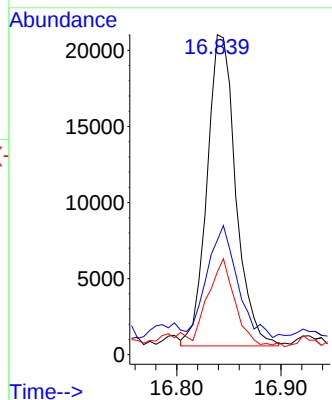
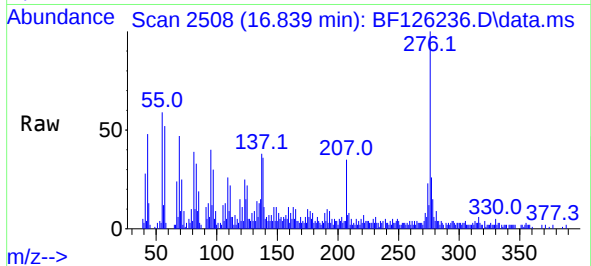
Tgt Ion:264 Resp: 275282
Ion Ratio Lower Upper
264 100
260 23.4 19.6 29.4
265 20.7 17.2 25.8





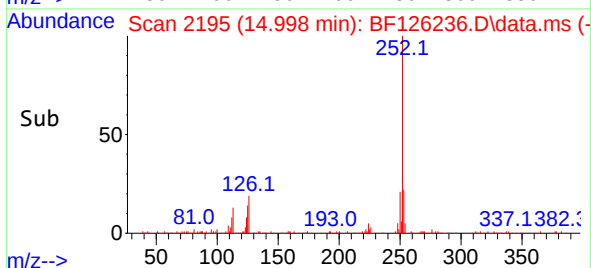
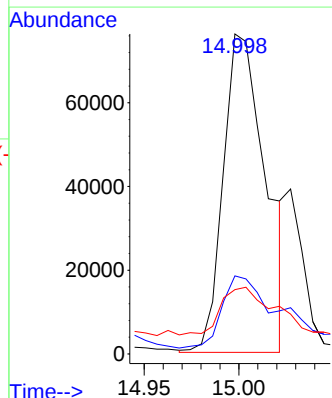
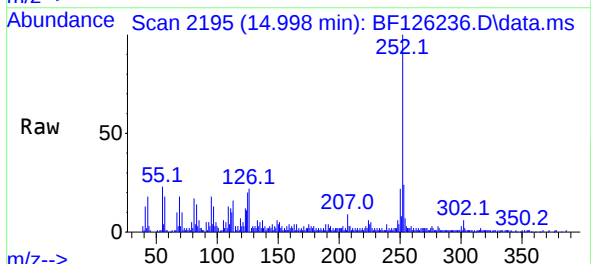
#87
Indeno(1,2,3-cd)pyrene
Concen: 2.132 ng m
RT: 16.839 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

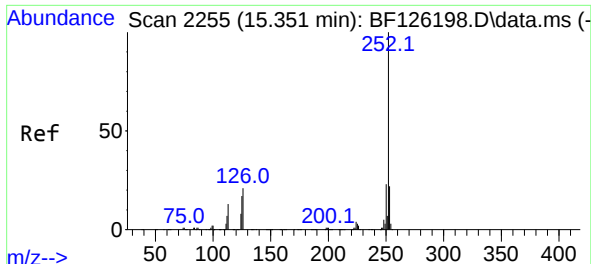
Tgt Ion: 276 Resp: 39143
Ion Ratio Lower Upper
276 100
138 6.6 24.1 36.1#
277 5.4 18.8 28.2#



#88
Benzo(b)fluoranthene
Concen: 7.182 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

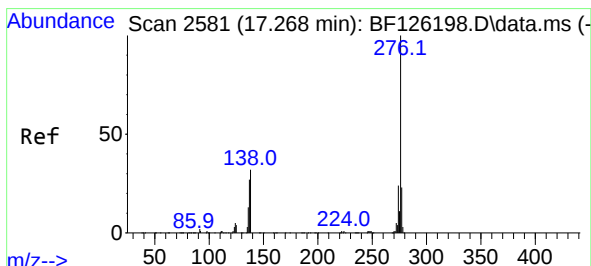
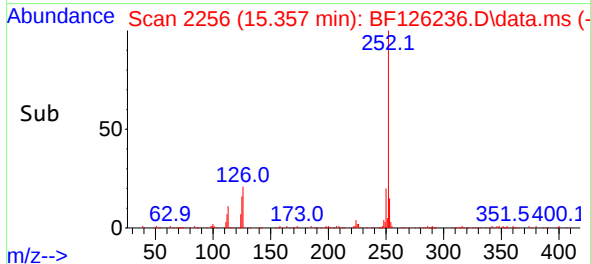
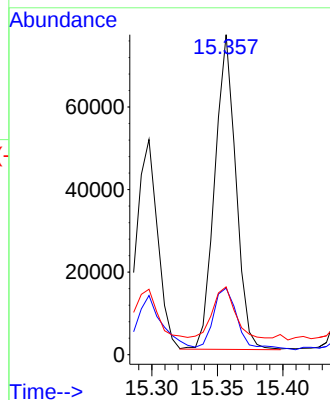
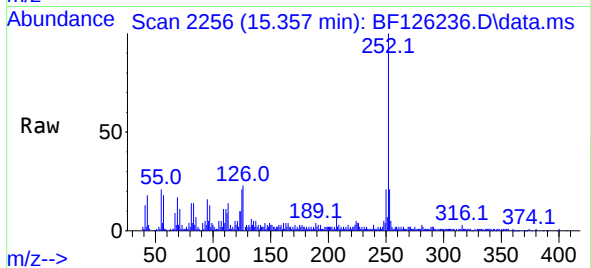
Tgt Ion: 252 Resp: 118801
Ion Ratio Lower Upper
252 100
253 24.4 16.8 25.2
125 20.1 9.8 14.8#





#90
Benzo(a)pyrene
Concen: 6.185 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

Tgt Ion:252 Resp: 85021
Ion Ratio Lower Upper
252 100
253 20.8 18.4 27.6
125 21.2 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 2.746 ng
RT: 17.274 min Scan# 2582
Delta R.T. 0.006 min
Lab File: BF126236.D
Acq: 17 Dec 2021 15:41

Tgt Ion:276 Resp: 42407
Ion Ratio Lower Upper
276 100
277 30.2 22.0 33.0
138 36.9 22.2 33.4#

