

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126246.D
 Acq On : 17 Dec 2021 21:07
 Operator : JU/CG
 Sample : M5076-12DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 18 04:32:22 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

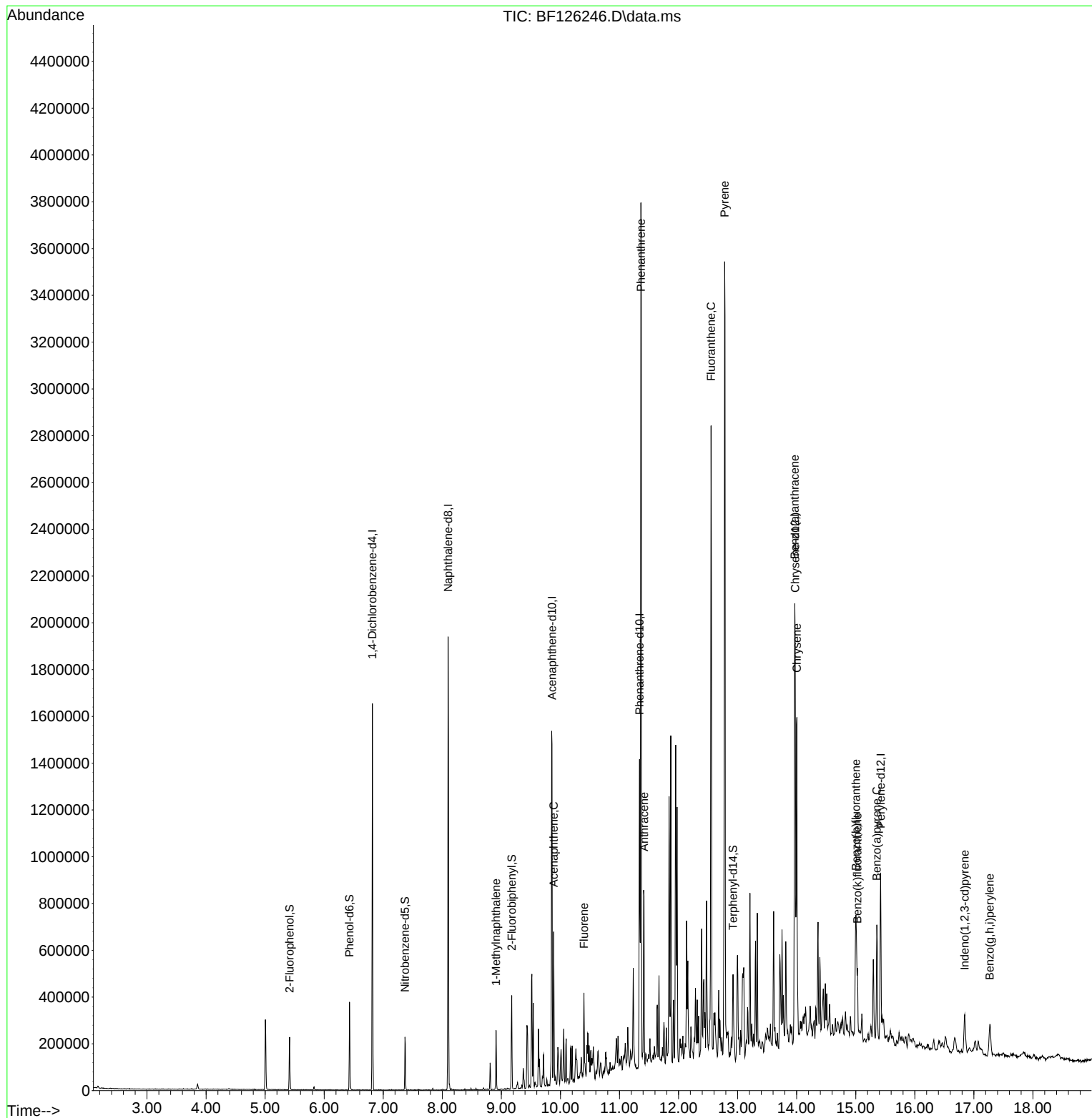
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

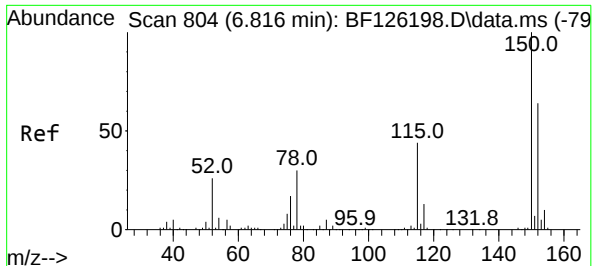
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	213487	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	810490	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	310201	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	457682	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	362338	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	268208	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	60819	4.195	ng	0.00
7) Phenol-d6	6.428	99	115066	6.251	ng	-0.02
23) Nitrobenzene-d5	7.369	82	68073	4.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	3494	1.402	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	99116	5.604	ng	0.00
79) Terphenyl-d14	12.922	244	80862	3.879	ng	0.00
Target Compounds						Qvalue
38) 1-Methylnaphthalene	8.910	142	56800	2.507	ng	93
52) Acenaphthene	9.886	154	125247	7.324	ng	99
58) Fluorene	10.398	166	77217	4.581	ng	96
71) Phenanthrene	11.363	178	1426453	60.386	ng	97
72) Anthracene	11.416	178	286998	12.104	ng	100
75) Fluoranthene	12.551	202	957614	44.994	ng	90
78) Pyrene	12.780	202	1432017	43.018	ng	96
81) Benzo(a)anthracene	13.969	228	543490	25.322	ng	99
83) Chrysene	14.004	228	523580	23.479	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	89621	5.010	ng	95
88) Benzo(b)fluoranthene	15.004	252	294634m	18.283	ng	
89) Benzo(k)fluoranthene	15.027	252	88105m	5.715	ng	
90) Benzo(a)pyrene	15.357	252	222477	16.610	ng	# 93
92) Benzo(g,h,i)perylene	17.268	276	86802	5.769	ng	91

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

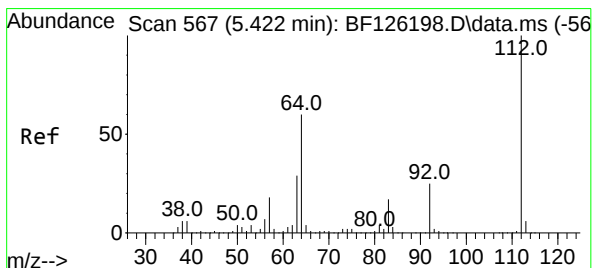
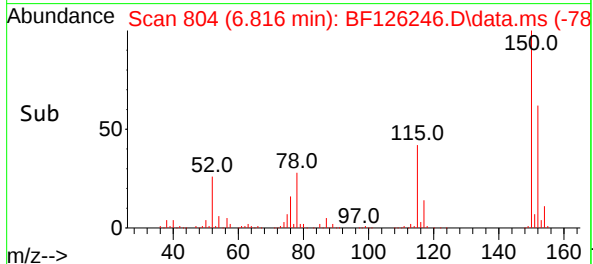
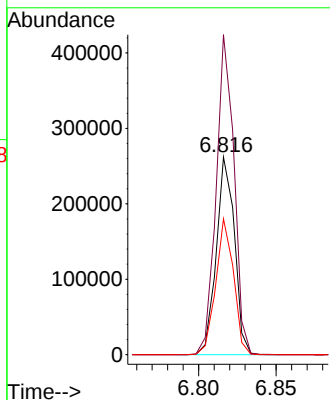
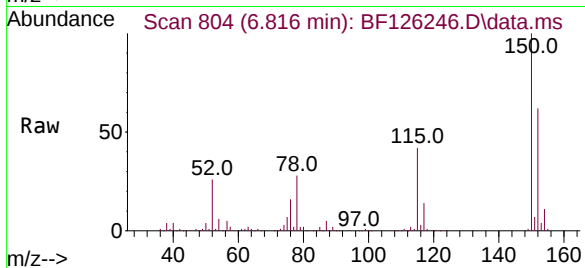
Quant Time: Dec 18 04:32:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





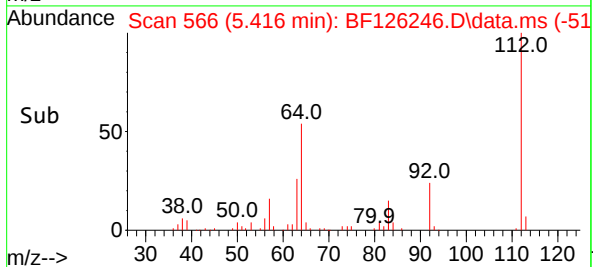
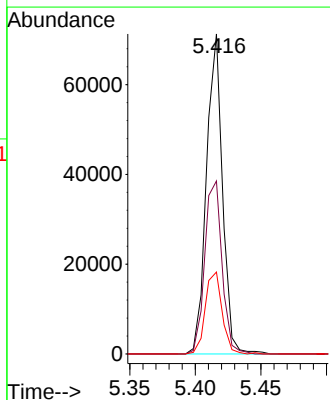
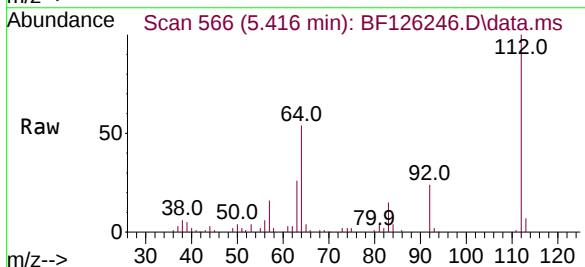
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

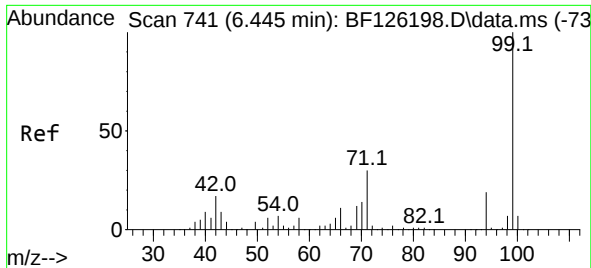
Tgt Ion:152 Resp: 213487
Ion Ratio Lower Upper
152 100
150 161.9 117.6 176.4
115 68.7 47.1 70.7



#5
2-Fluorophenol
Concen: 4.195 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

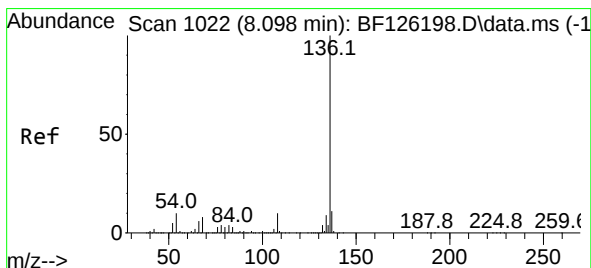
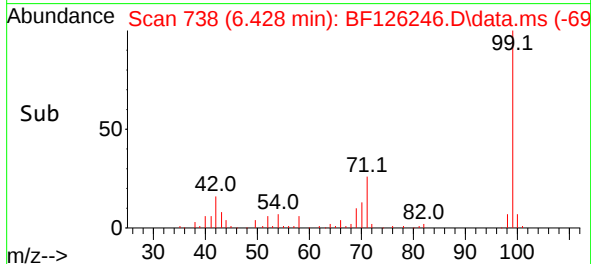
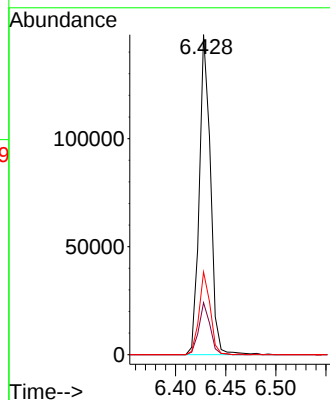
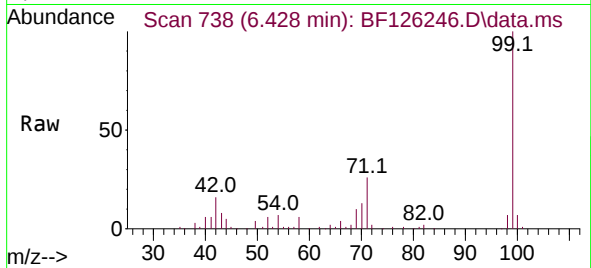
Tgt Ion:112 Resp: 60819
Ion Ratio Lower Upper
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64 54.1 44.2 66.2
63 25.6 26.2 39.2#





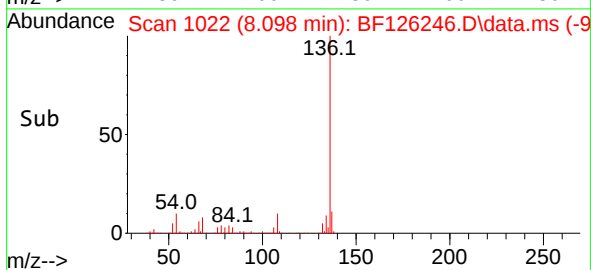
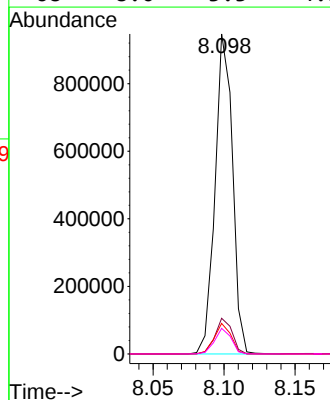
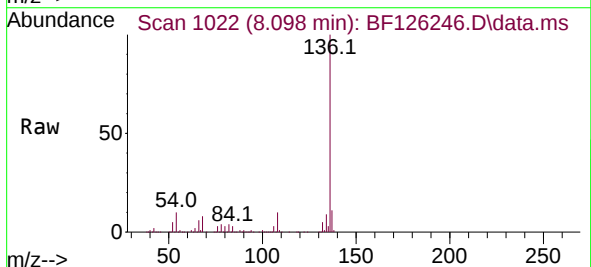
#7
Phenol-d6
Concen: 6.251 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

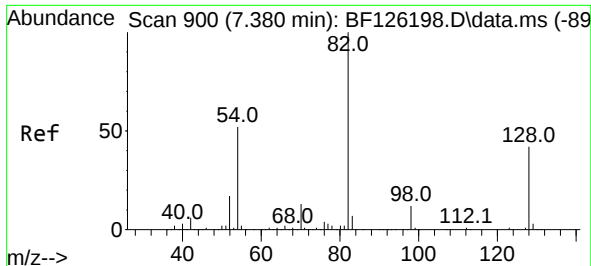
Tgt Ion: 99 Resp: 115066
Ion Ratio Lower Upper
99 100
42 16.3 23.5 35.3#
71 25.9 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

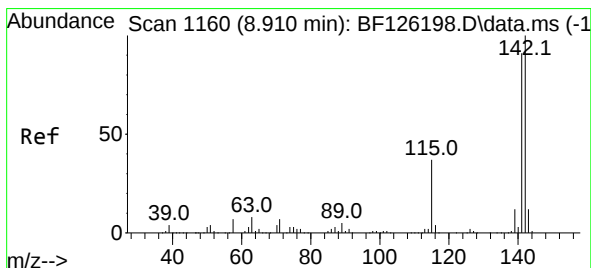
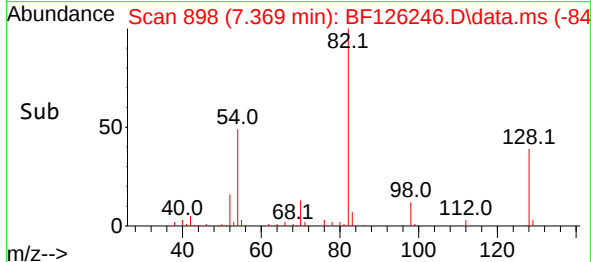
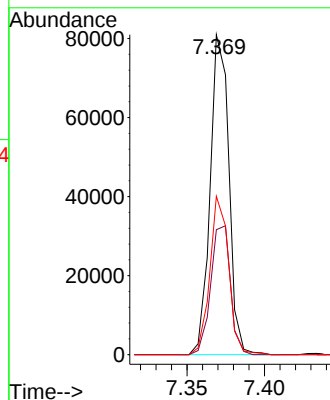
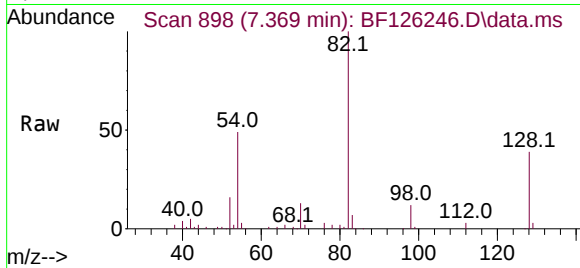
Tgt Ion: 136 Resp: 810490
Ion Ratio Lower Upper
136 100
137 11.2 9.8 14.6
54 9.6 6.4 9.6
68 8.0 3.3 4.9#





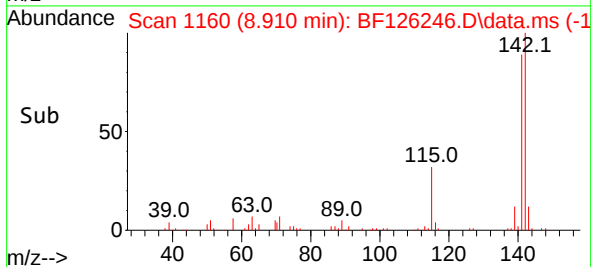
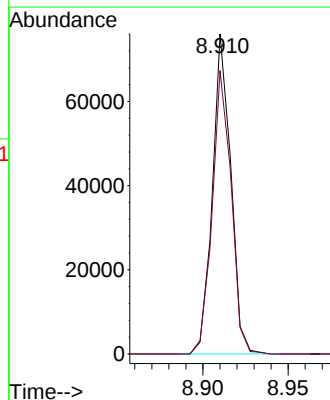
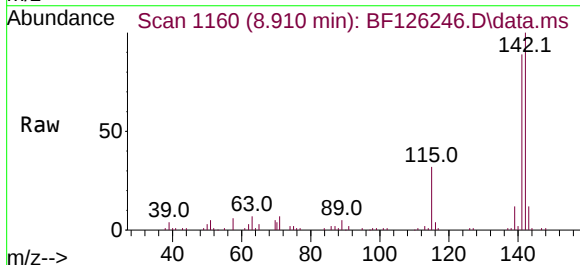
#23
Nitrobenzene-d5
Concen: 4.549 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

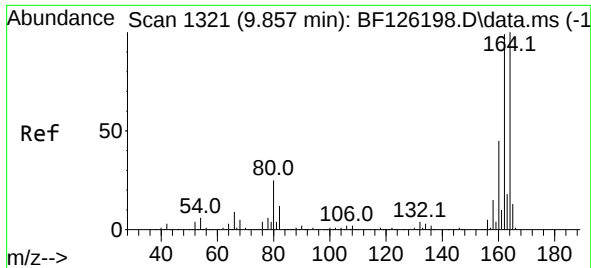
Tgt Ion: 82 Resp: 68073
Ion Ratio Lower Upper
82 100
128 39.1 40.6 60.8#
54 49.5 49.6 74.4#



#38
1-Methylnaphthalene
Concen: 2.507 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

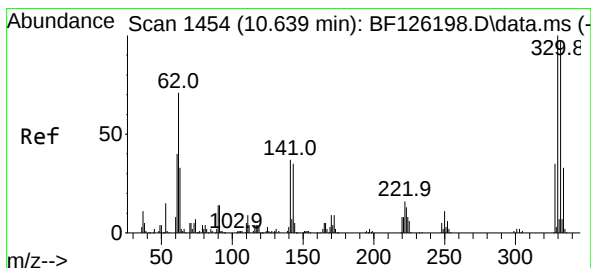
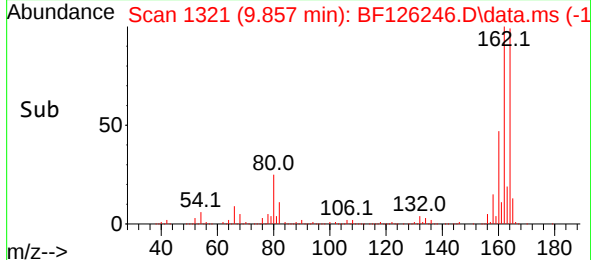
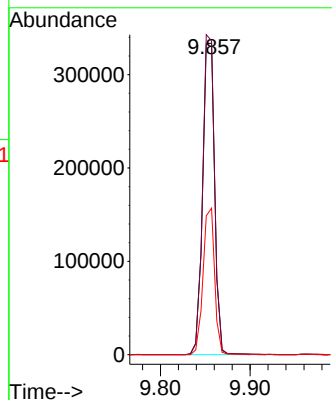
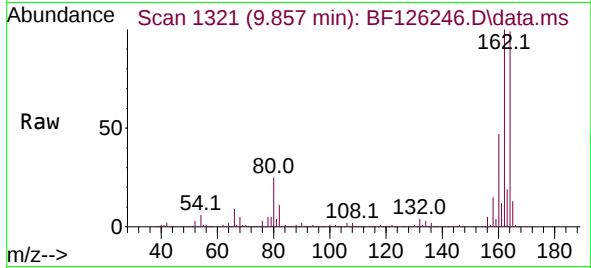
Tgt Ion: 142 Resp: 56800
Ion Ratio Lower Upper
142 100
141 88.5 76.0 114.0





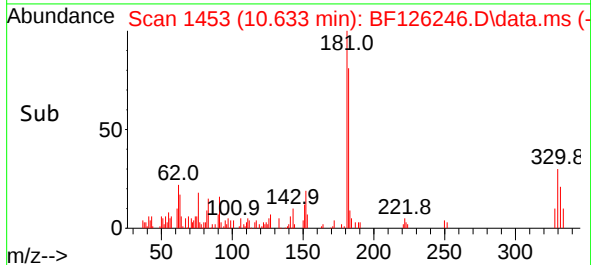
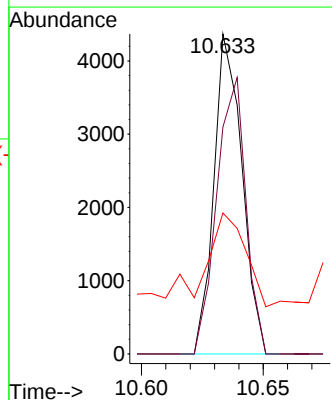
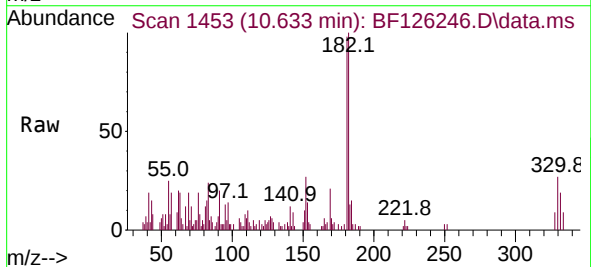
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

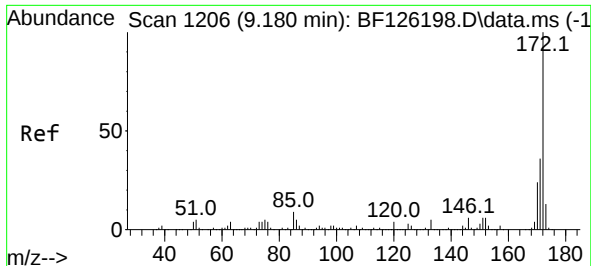
Tgt Ion:164 Resp: 310201
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 47.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 1.402 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

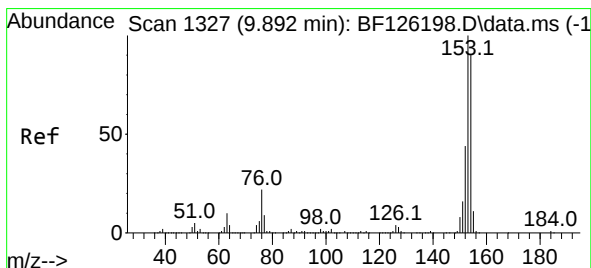
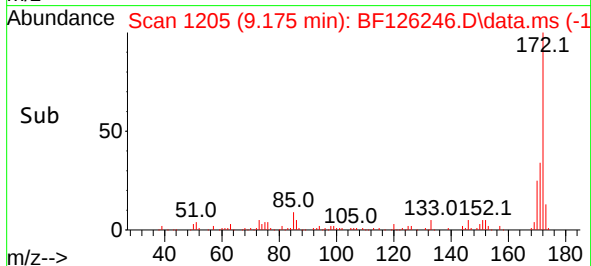
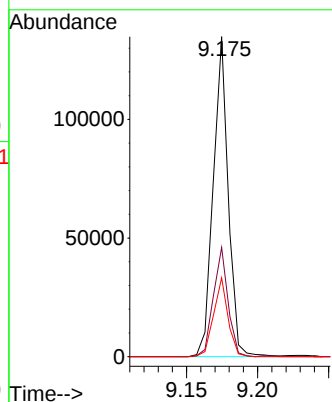
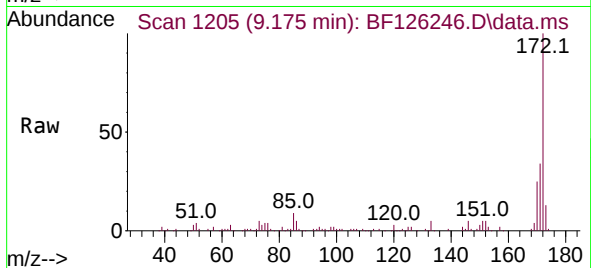
Tgt Ion:330 Resp: 3494
Ion Ratio Lower Upper
330 100
332 89.7 76.2 114.4
141 72.1 44.6 66.8#





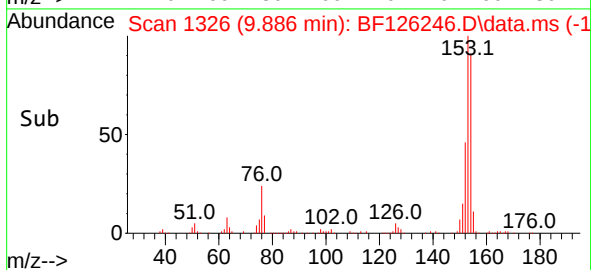
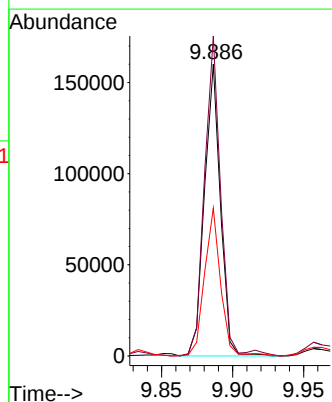
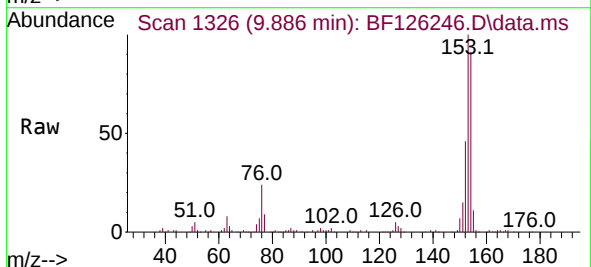
#45
2-Fluorobiphenyl
Concen: 5.604 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

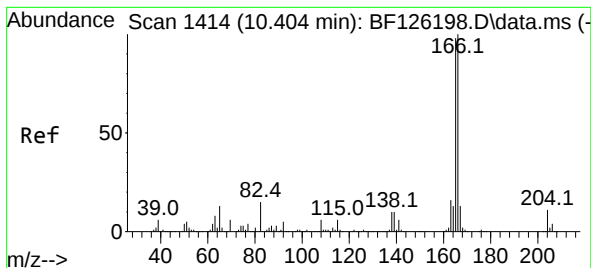
Tgt Ion:172 Resp: 99116
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 24.6 18.8 28.2



#52
Acenaphthene
Concen: 7.324 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

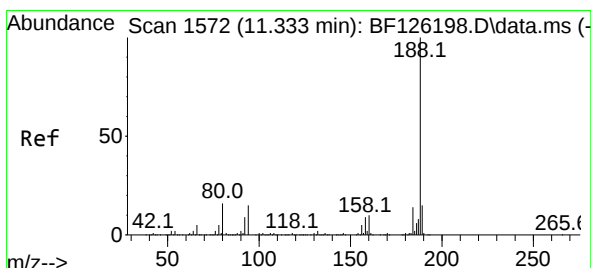
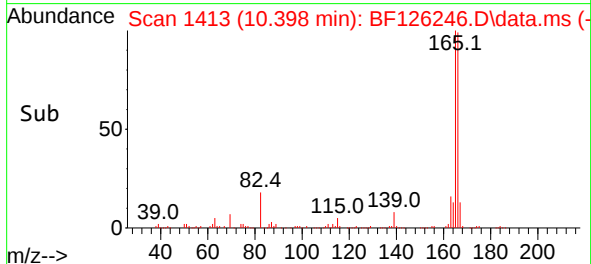
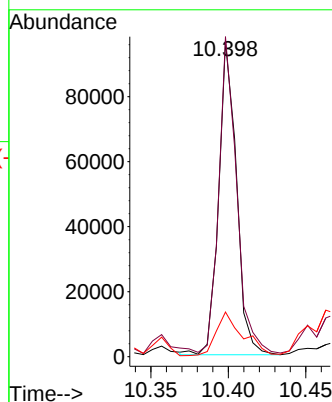
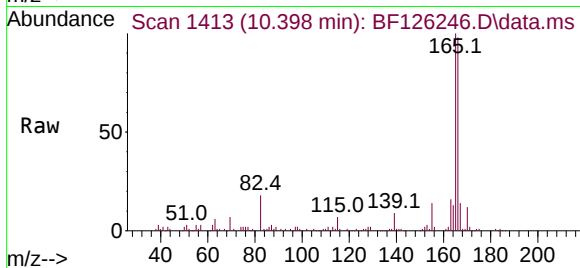
Tgt Ion:154 Resp: 125247
Ion Ratio Lower Upper
154 100
153 109.6 89.4 134.2
152 50.7 40.5 60.7





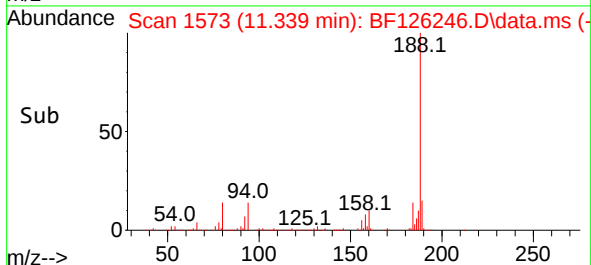
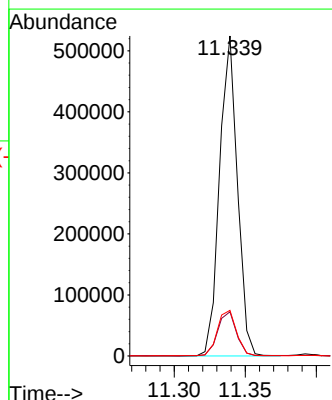
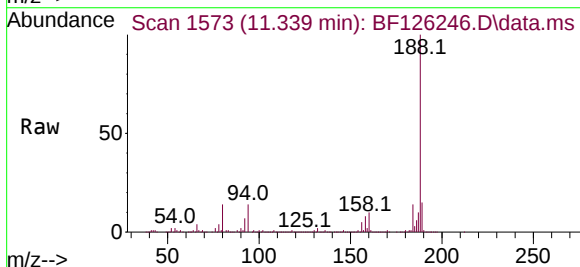
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Fluorene
Concen: 4.581 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

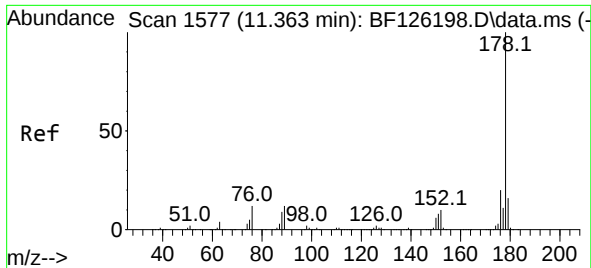
Tgt Ion:166 Resp: 77217
Ion Ratio Lower Upper
166 100
165 101.6 78.1 117.1
167 14.2 11.1 16.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

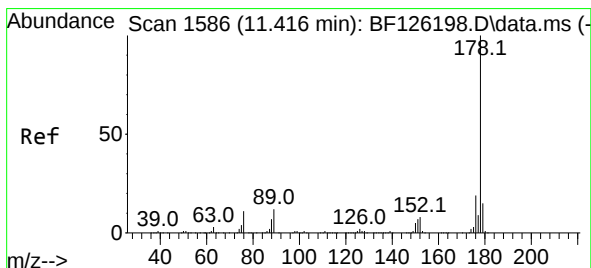
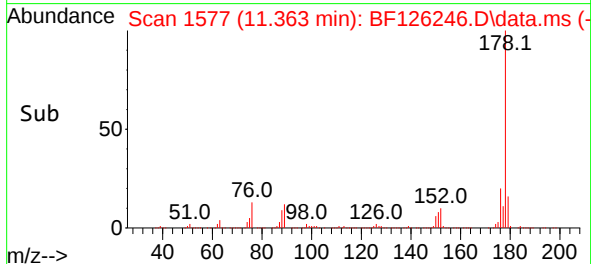
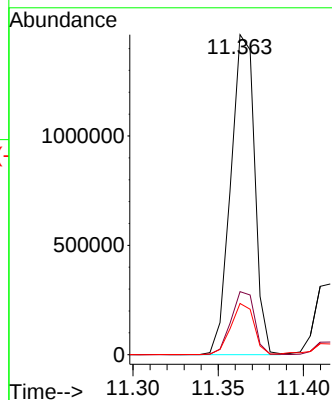
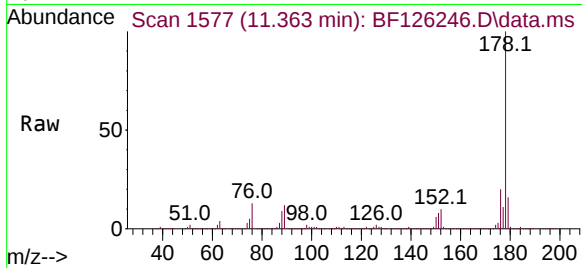
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Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 14.2 7.5 11.3#





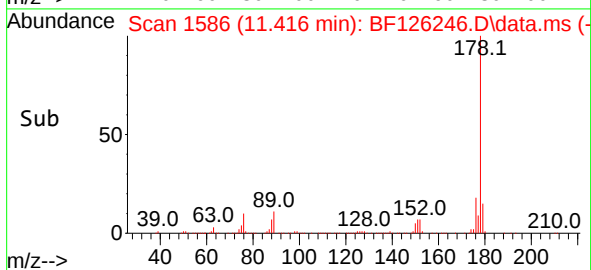
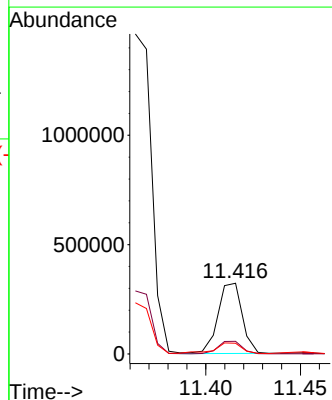
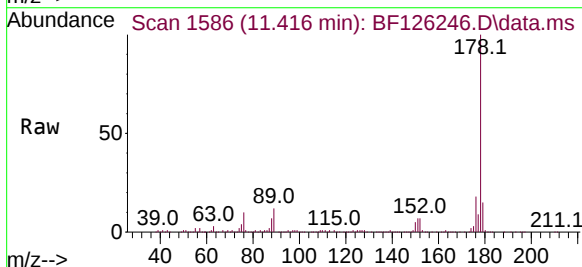
#71
Phenanthrene
Concen: 60.386 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

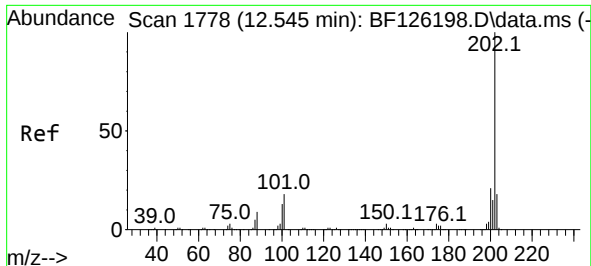
Tgt Ion:178 Resp: 1426453
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 16.0 11.5 17.3



#72
Anthracene
Concen: 12.104 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

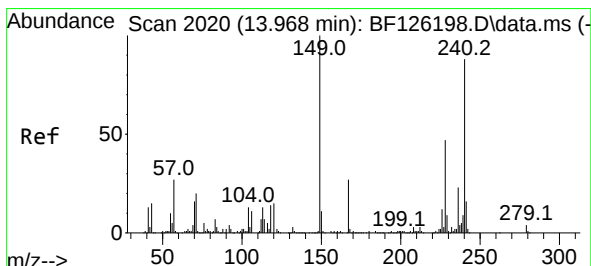
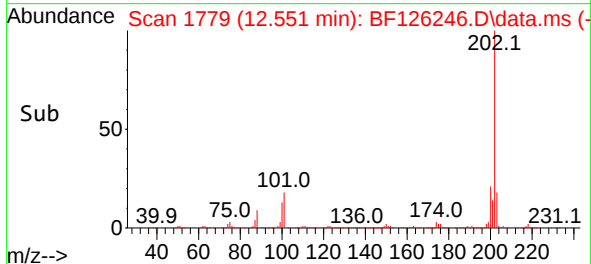
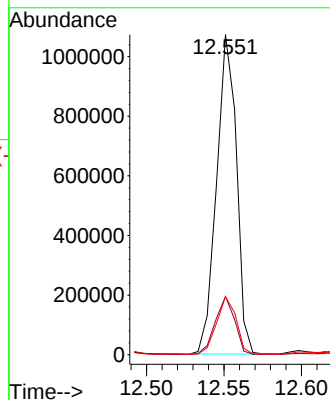
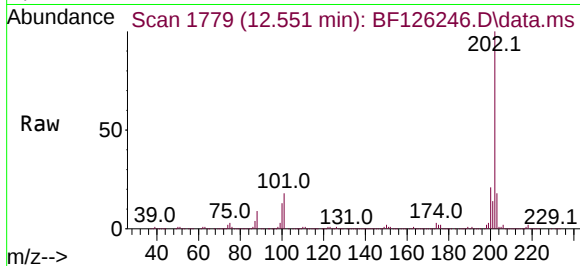
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176 18.0 14.3 21.5
179 15.2 12.2 18.4





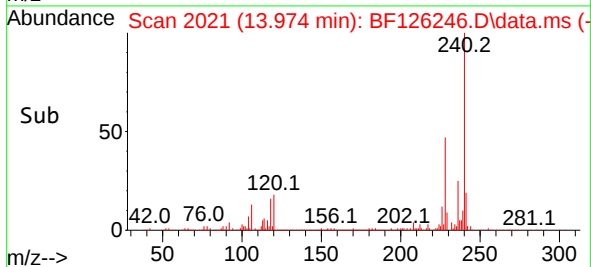
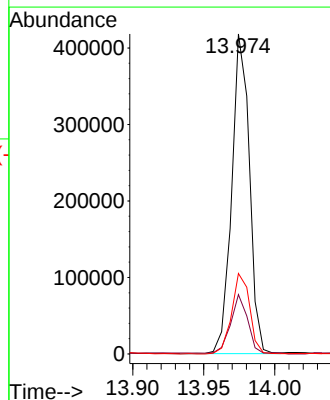
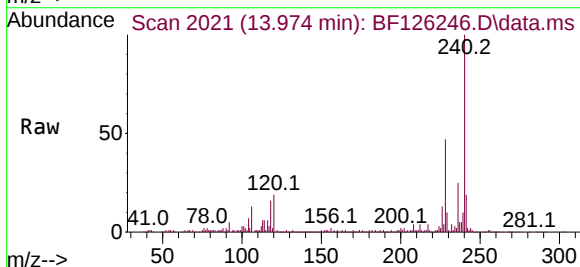
#75
Fluoranthene
Concen: 44.994 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

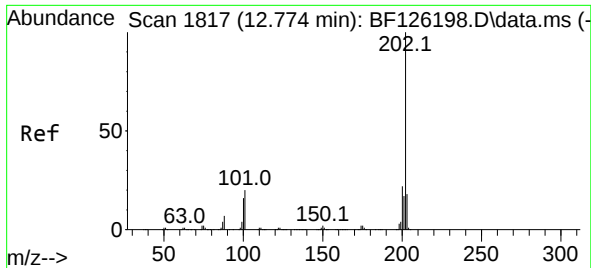
Tgt Ion:202 Resp: 957614
Ion Ratio Lower Upper
202 100
101 18.2 0.0 30.7
203 18.1 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

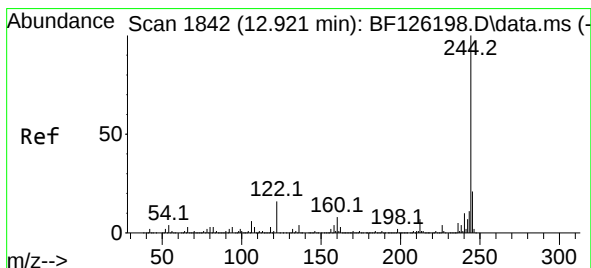
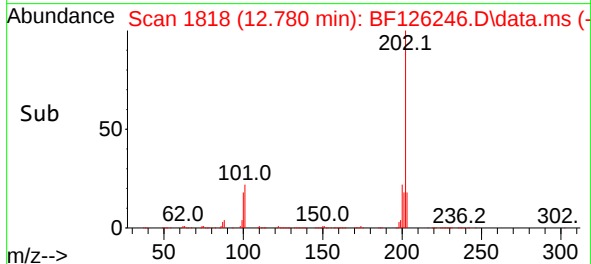
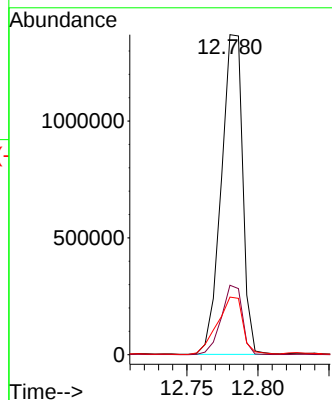
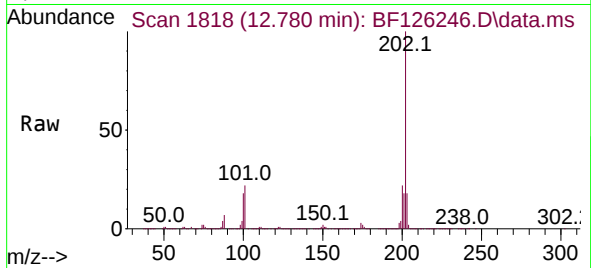
Tgt Ion:240 Resp: 362338
Ion Ratio Lower Upper
240 100
120 18.6 10.8 16.2#
236 25.2 21.6 32.4





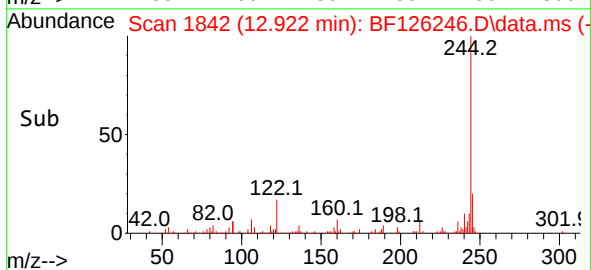
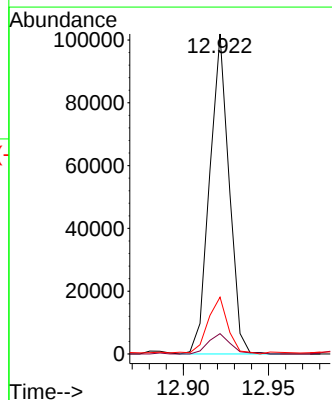
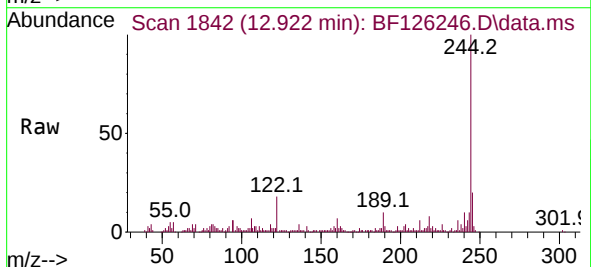
#78
 Pyrene
 Concen: 43.018 ng
 RT: 12.780 min Scan# 1818
 Delta R.T. 0.006 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

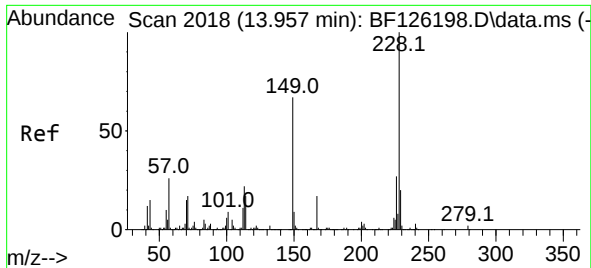
Tgt Ion:202 Resp: 1432017
 Ion Ratio Lower Upper
 202 100
 200 21.7 15.3 22.9
 203 18.0 13.4 20.0



#79
 Terphenyl-d14
 Concen: 3.879 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

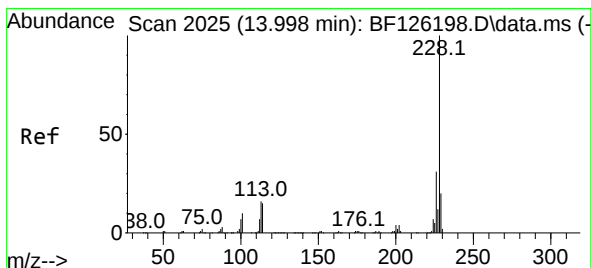
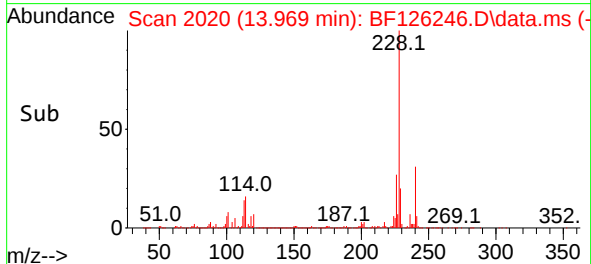
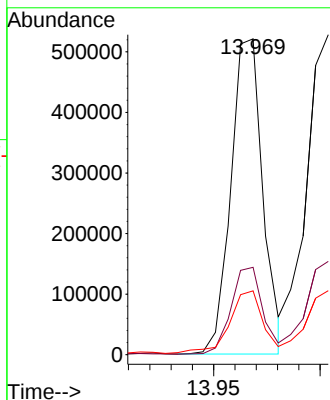
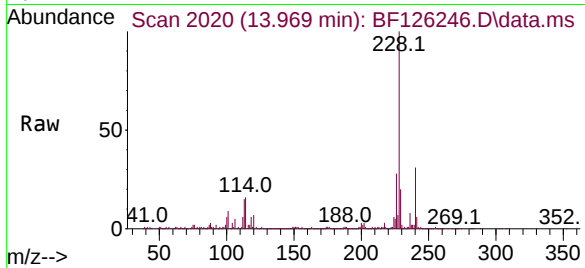
Tgt Ion:244 Resp: 80862
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 17.8 9.0 13.4#





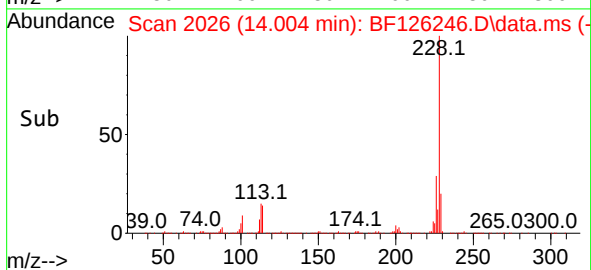
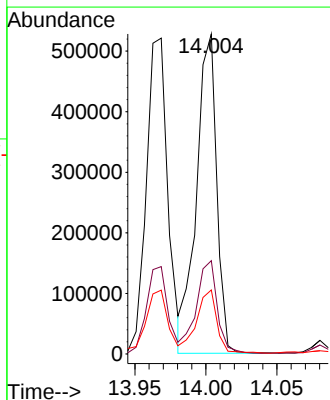
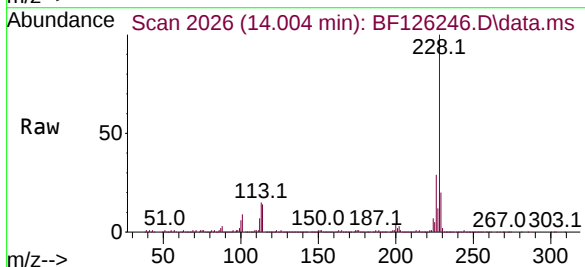
#81
Benzo(a)anthracene
Concen: 25.322 ng
RT: 13.969 min Scan# 2020
Delta R.T. 0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

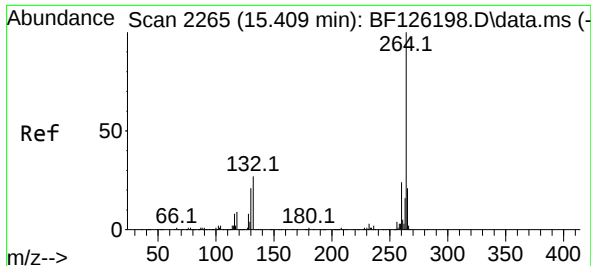
Tgt Ion:228 Resp: 543490
Ion Ratio Lower Upper
228 100
226 27.7 21.6 32.4
229 20.2 15.6 23.4



#83
Chrysene
Concen: 23.479 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

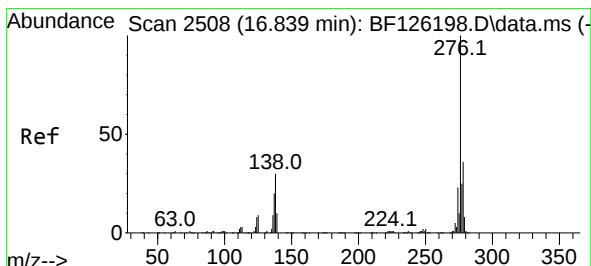
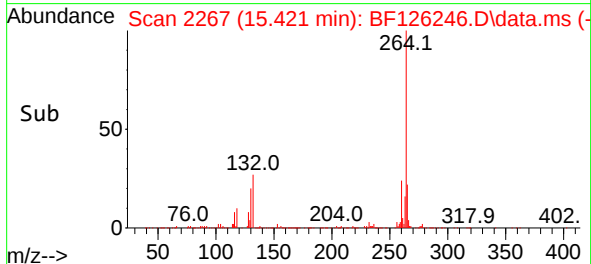
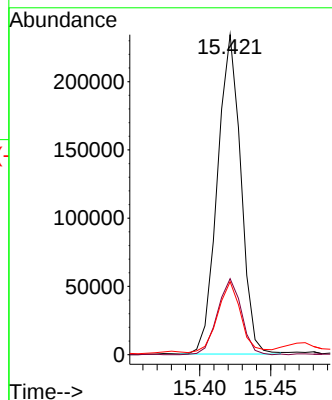
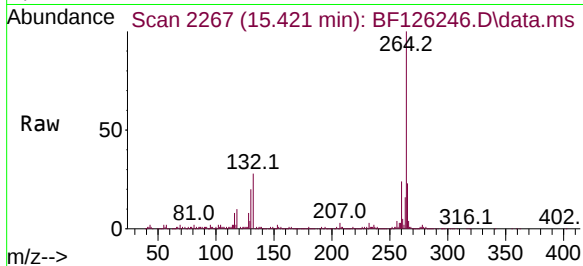
Tgt Ion:228 Resp: 523580
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 20.0 15.9 23.9





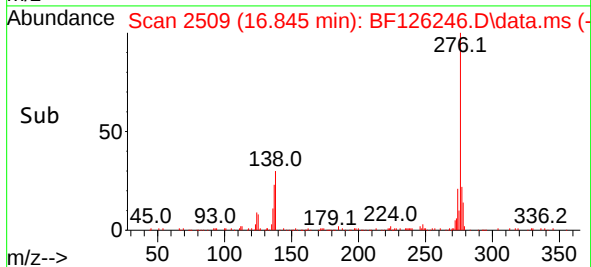
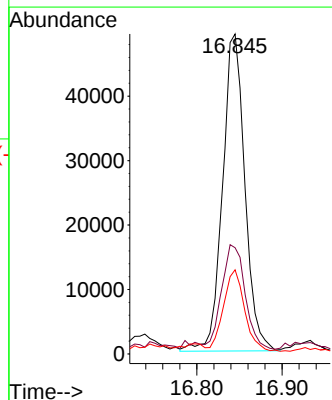
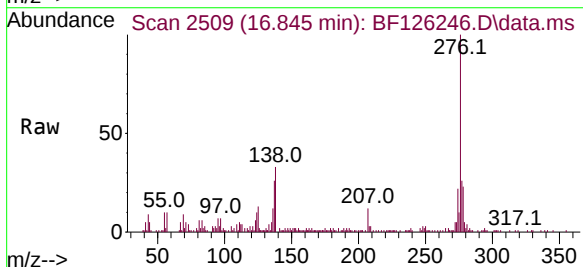
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

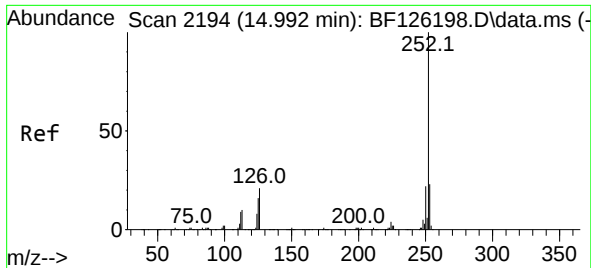
Tgt Ion:264 Resp: 268208
Ion Ratio Lower Upper
264 100
260 23.8 19.6 29.4
265 22.8 17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 5.010 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

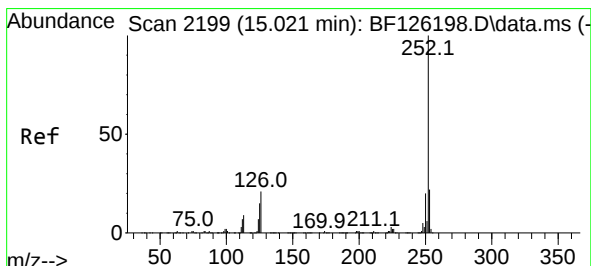
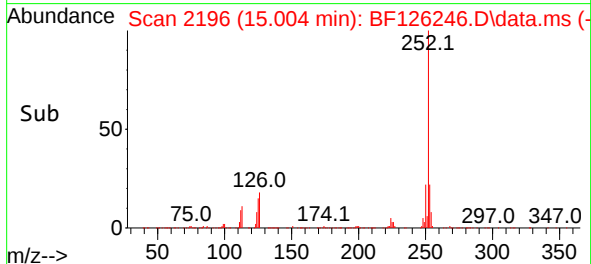
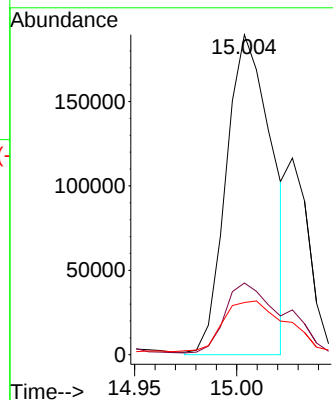
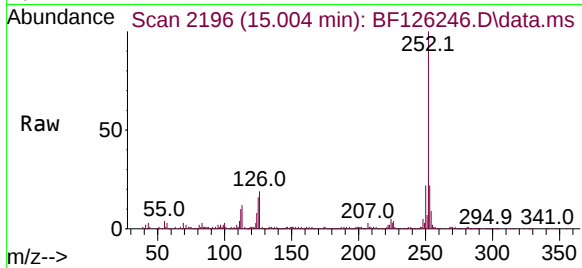
Tgt Ion:276 Resp: 89621
Ion Ratio Lower Upper
276 100
138 34.5 24.1 36.1
277 24.4 18.8 28.2





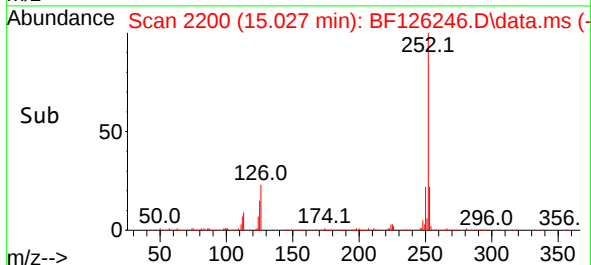
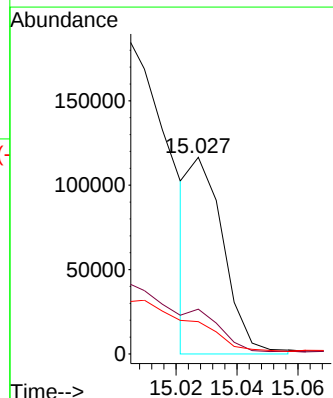
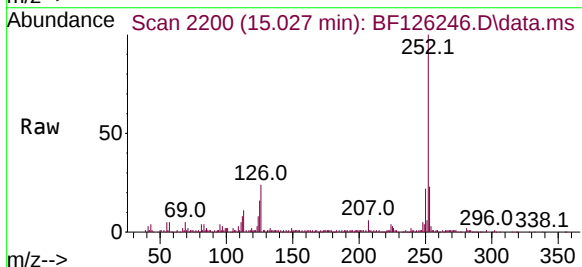
#88
Benzo(b)fluoranthene
Concen: 18.283 ng m
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

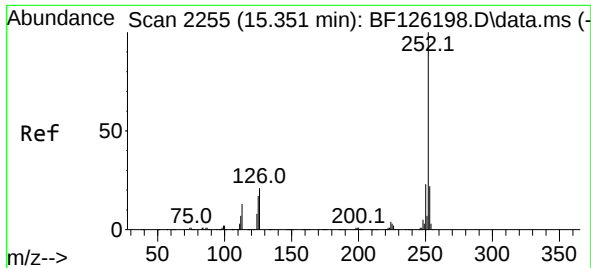
Tgt Ion:252 Resp: 294634
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 16.3 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 5.715 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

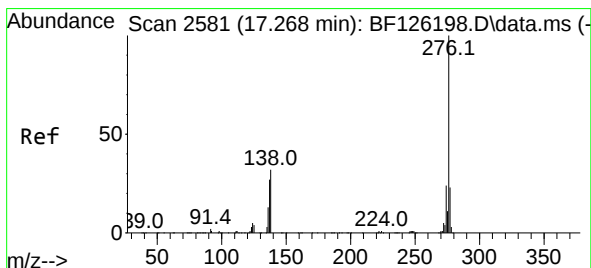
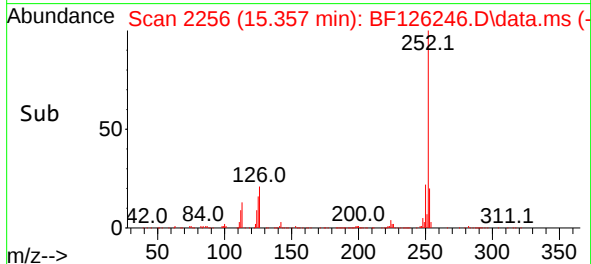
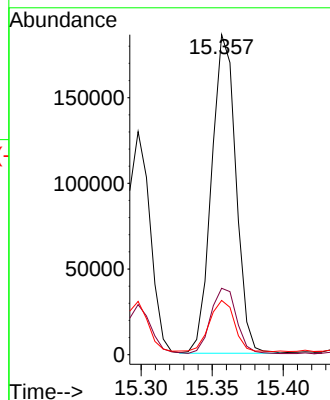
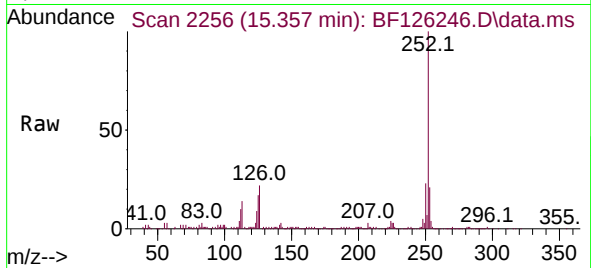
Tgt Ion:252 Resp: 88105
Ion Ratio Lower Upper
252 100
253 22.8 17.8 26.8
125 16.4 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 16.610 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion:252 Resp: 222477
Ion Ratio Lower Upper
252 100
253 20.7 18.4 27.6
125 17.0 9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 5.769 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion:276 Resp: 86802
Ion Ratio Lower Upper
276 100
277 22.0 22.0 33.0
138 31.7 22.2 33.4

