

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126239.D
 Acq On : 17 Dec 2021 17:19
 Operator : JU/CG
 Sample : M5083-11DL2 50X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 17 17:43:46 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

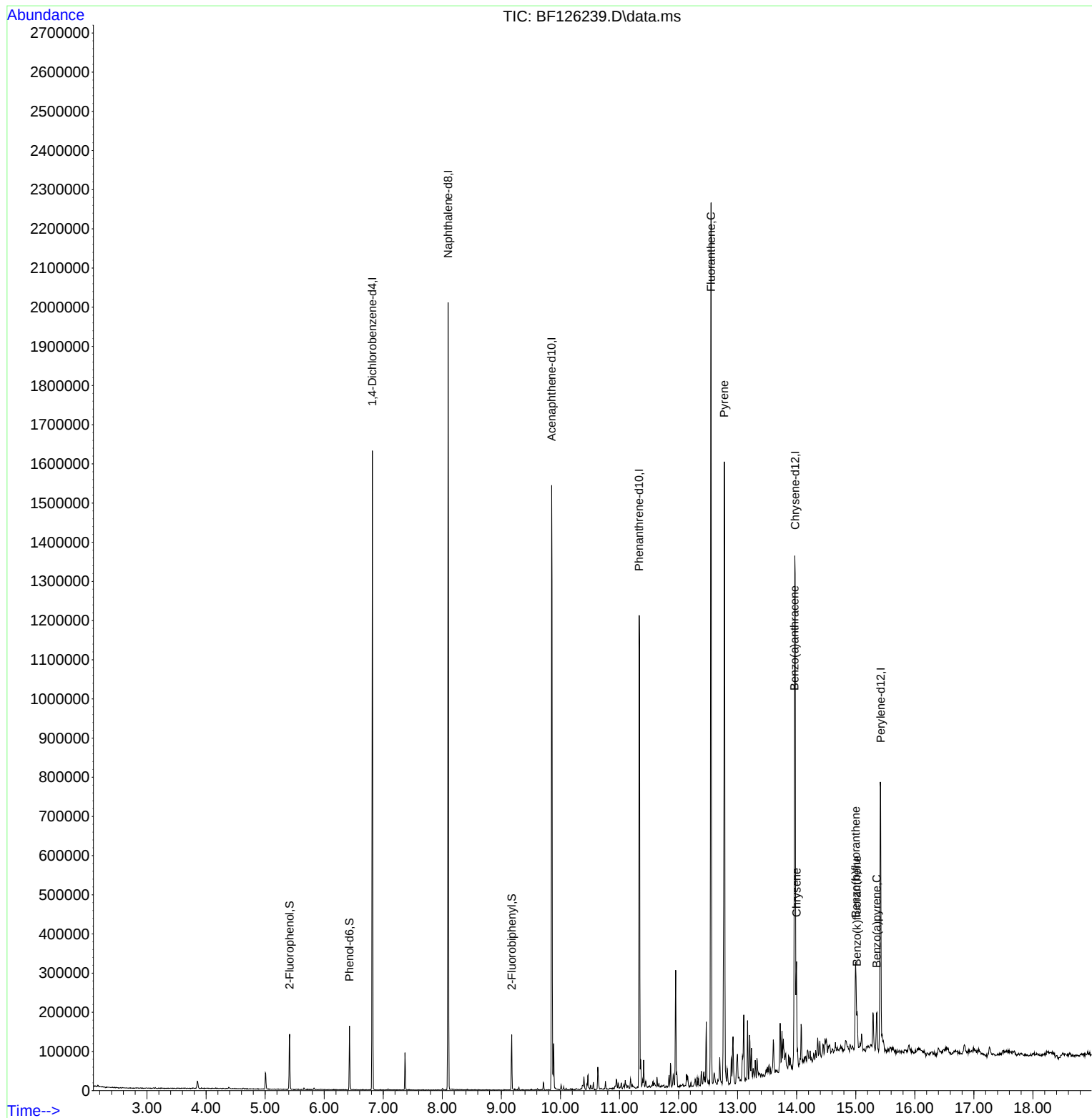
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	213456	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	802655	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	308687	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	431227	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	368556	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	282797	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	39808	2.746	ng	0.00
7) Phenol-d6	6.428	99	48462	2.633	ng	-0.02
23) Nitrobenzene-d5	7.369	82	27530	1.858	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	4846	1.953	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	39875	2.266	ng	0.00
79) Terphenyl-d14	12.922	244	29250	1.379	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.551	202	811863	40.486	ng	92
78) Pyrene	12.774	202	604811	17.862	ng	97
81) Benzo(a)anthracene	13.963	228	167675m	7.680	ng	
83) Chrysene	13.998	228	112730m	4.970	ng	
88) Benzo(b)fluoranthene	14.998	252	109190m	6.426	ng	
89) Benzo(k)fluoranthene	15.021	252	35311m	2.172	ng	
90) Benzo(a)pyrene	15.357	252	46575	3.298	ng	97

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

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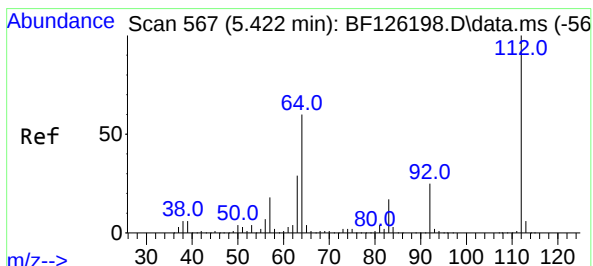
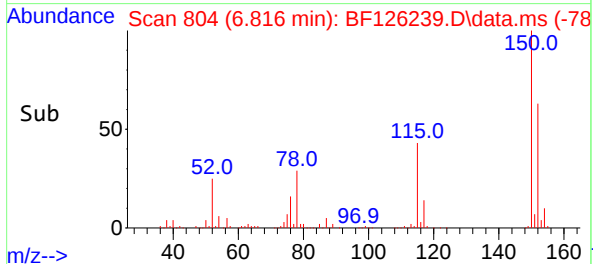
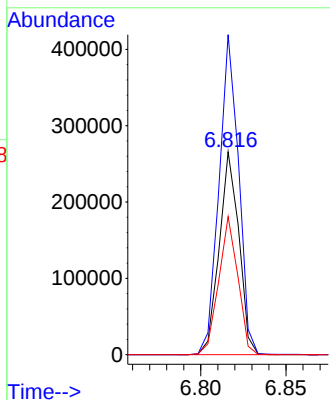
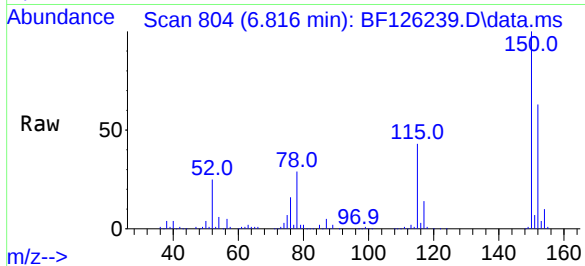
Quant Time: Dec 17 17:43:46 2021
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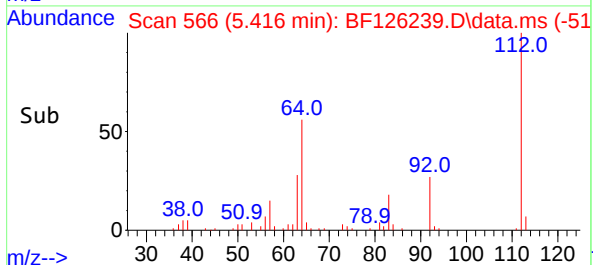
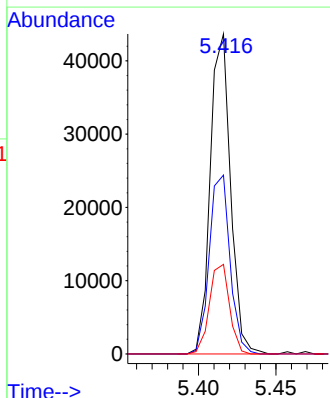
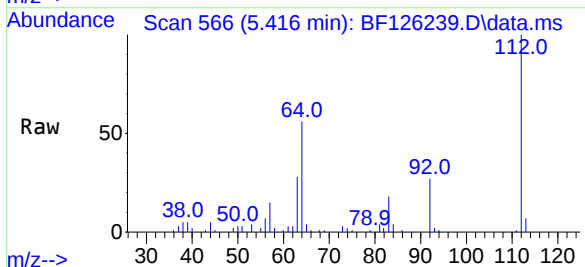
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

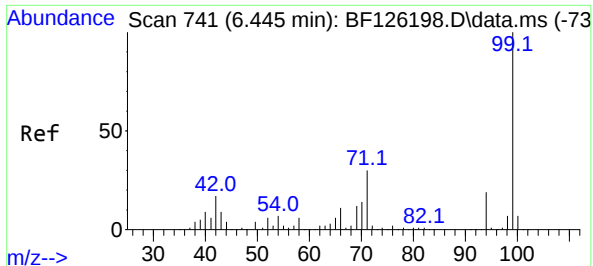
Tgt Ion:152 Resp: 213456
Ion Ratio Lower Upper
152 100
150 157.7 117.6 176.4
115 68.1 47.1 70.7



#5
2-Fluorophenol
Concen: 2.746 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

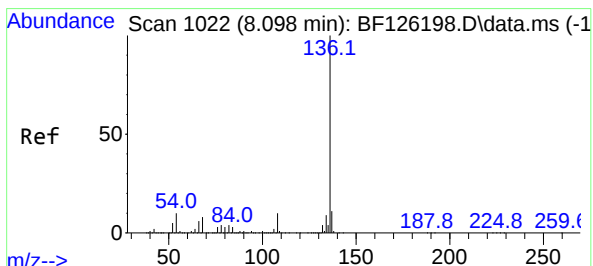
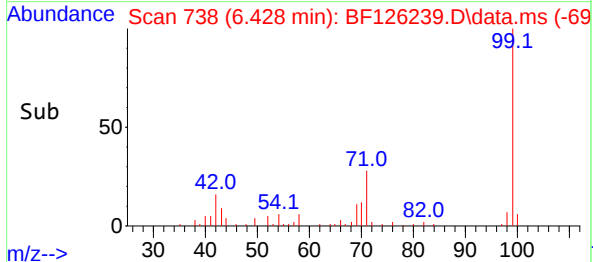
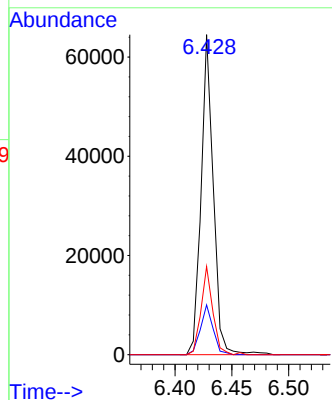
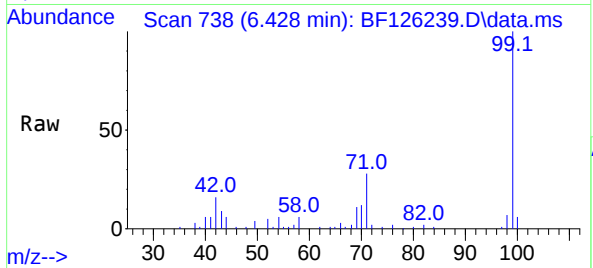
Tgt Ion:112 Resp: 39808
Ion Ratio Lower Upper
112 100
64 55.9 44.2 66.2
63 28.0 26.2 39.2





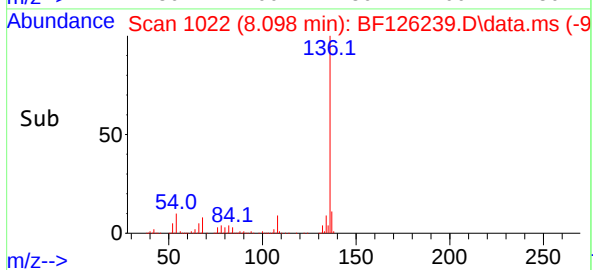
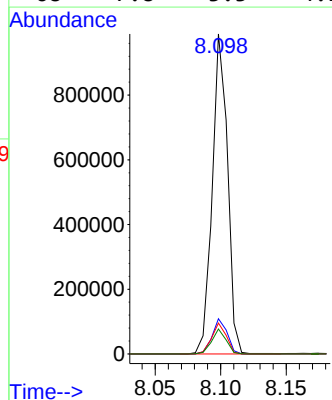
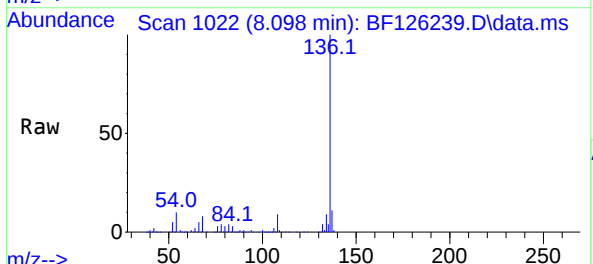
#7
Phenol-d6
Concen: 2.633 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.017 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

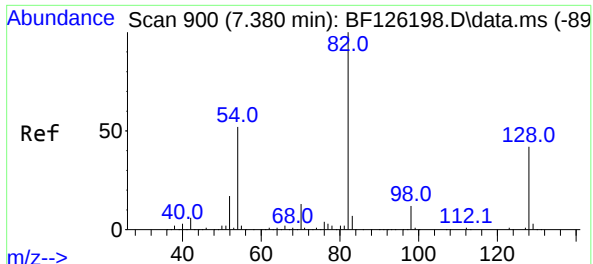
Tgt Ion: 99 Resp: 48462
Ion Ratio Lower Upper
99 100
42 15.6 23.5 35.3#
71 27.5 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

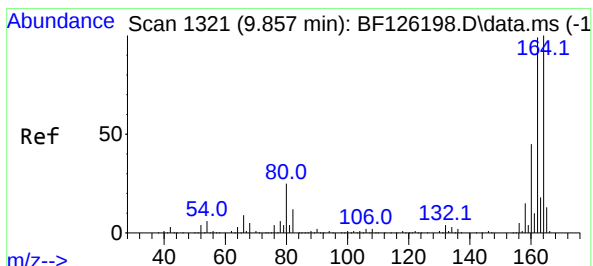
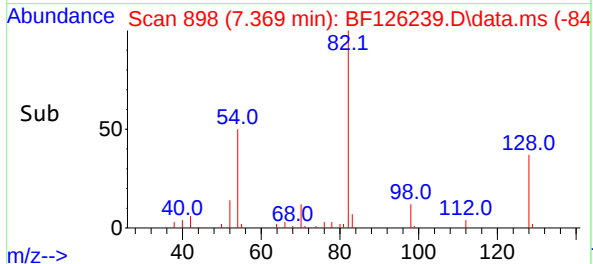
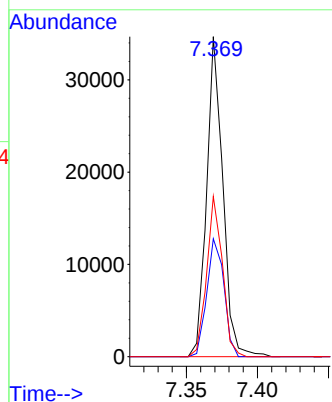
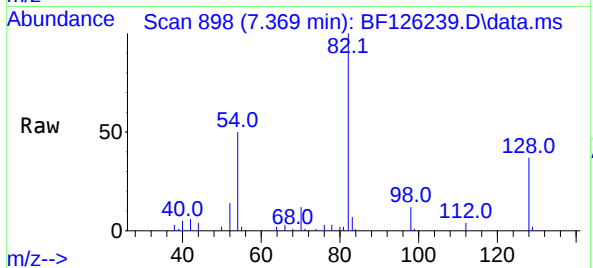
Tgt Ion: 136 Resp: 802655
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.7 6.4 9.6#
68 7.8 3.3 4.9#





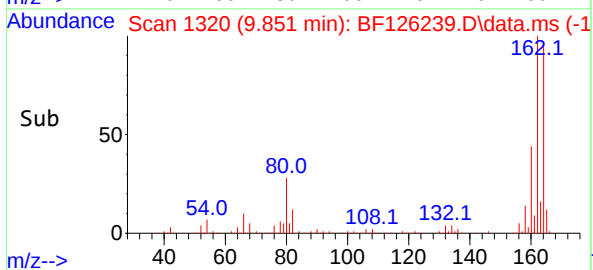
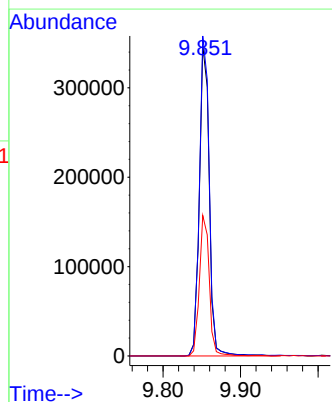
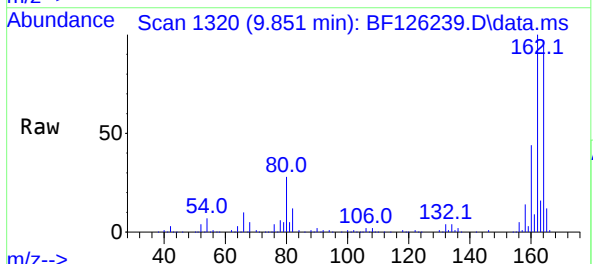
#23
Nitrobenzene-d5
Concen: 1.858 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

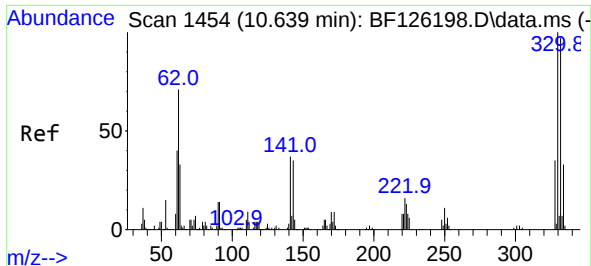
Tgt Ion: 82 Resp: 27530
Ion Ratio Lower Upper
82 100
128 36.8 40.6 60.8#
54 50.0 49.6 74.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

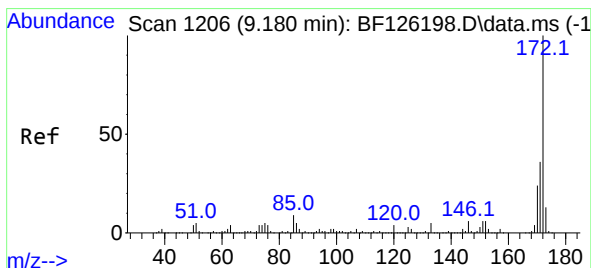
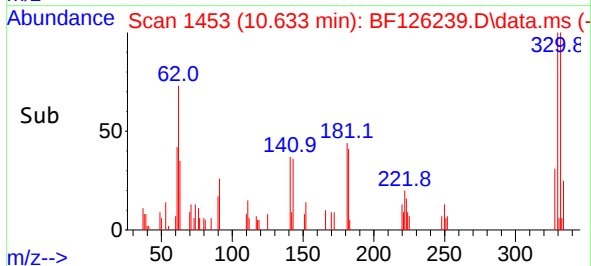
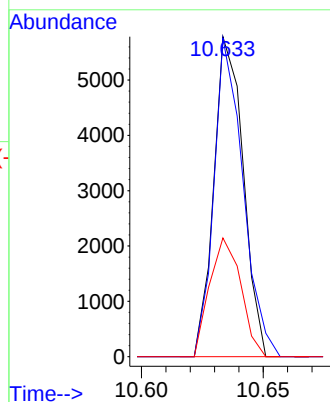
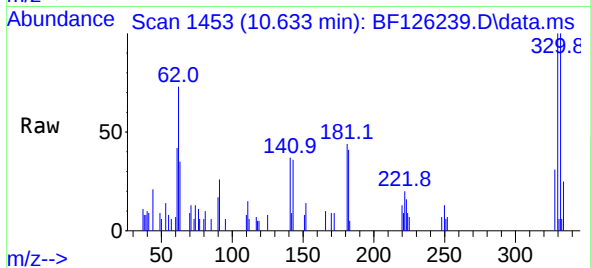
Tgt Ion:164 Resp: 308687
Ion Ratio Lower Upper
164 100
162 103.2 81.3 121.9
160 45.3 38.0 57.0





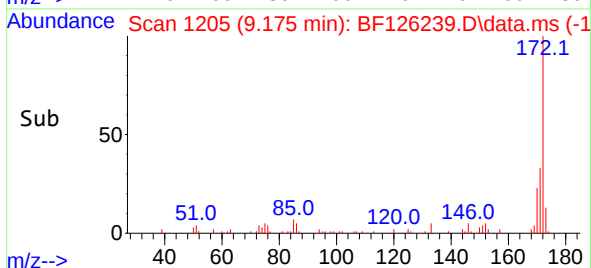
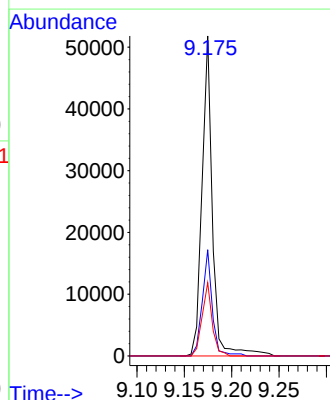
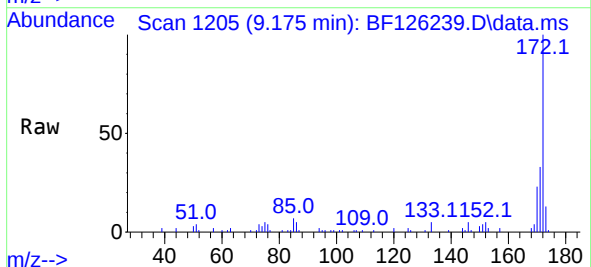
#42
2,4,6-Tribromophenol
Concen: 1.953 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

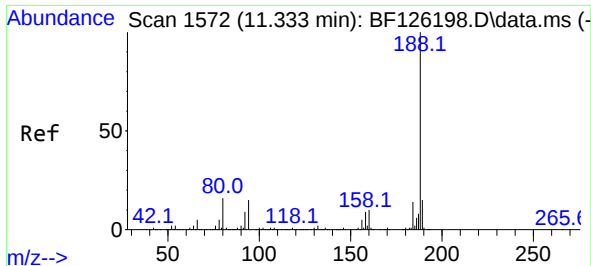
Tgt Ion: 330 Resp: 4846
Ion Ratio Lower Upper
330 100
332 98.6 76.2 114.4
141 39.4 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 2.266 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

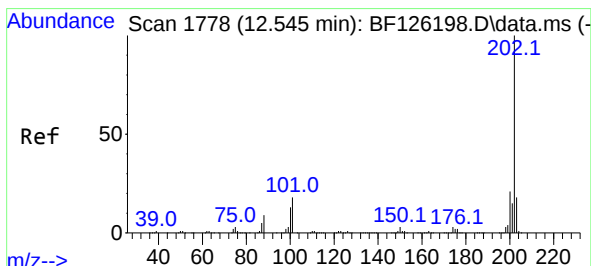
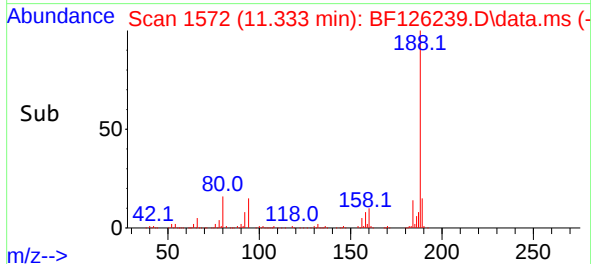
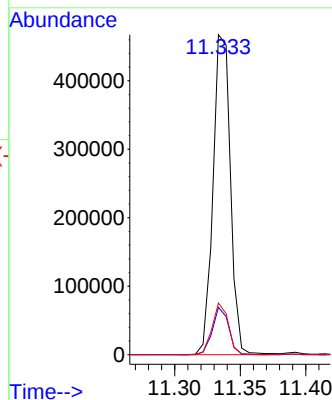
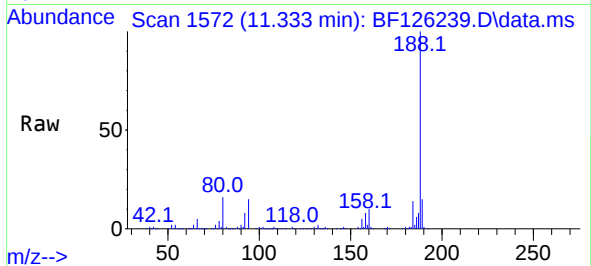
Tgt Ion: 172 Resp: 39875
Ion Ratio Lower Upper
172 100
171 33.2 26.5 39.7
170 22.9 18.8 28.2





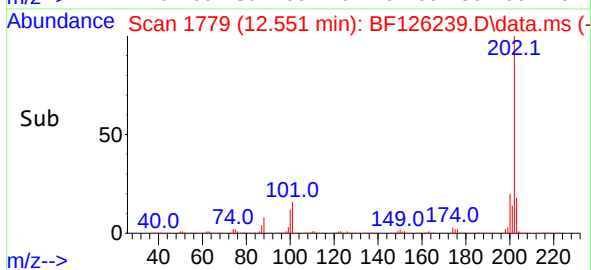
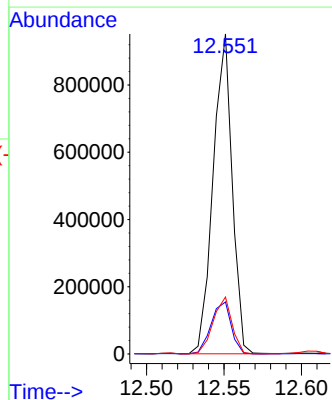
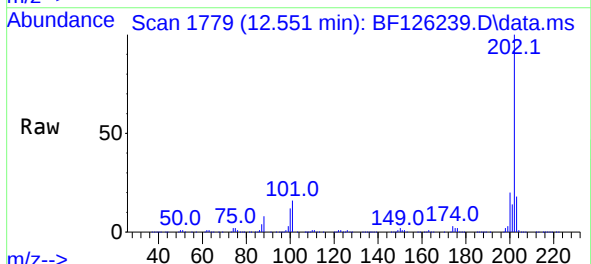
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Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

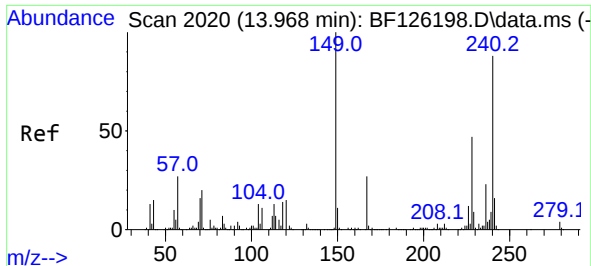
Tgt Ion:188 Resp: 431227
Ion Ratio Lower Upper
188 100
94 14.8 6.7 10.1#
80 16.2 7.5 11.3#



#75
Fluoranthene
Concen: 40.486 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

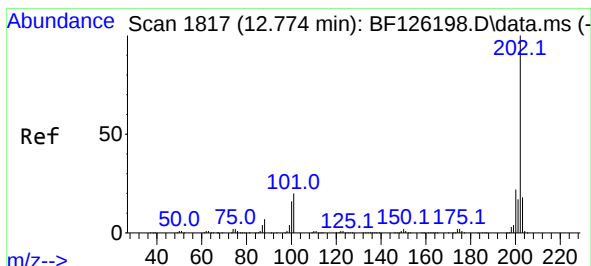
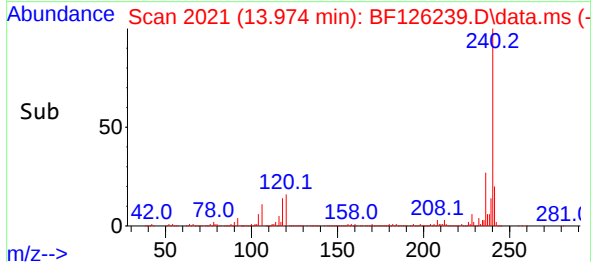
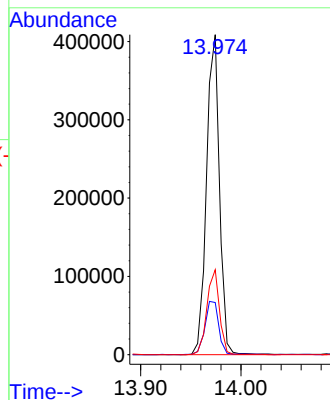
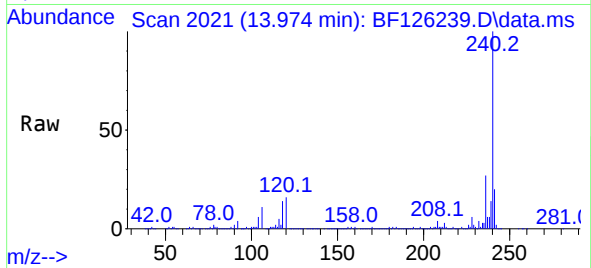
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Ion Ratio Lower Upper
202 100
101 16.2 0.0 30.7
203 17.8 0.0 36.3





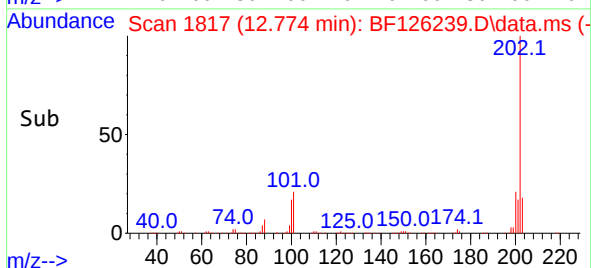
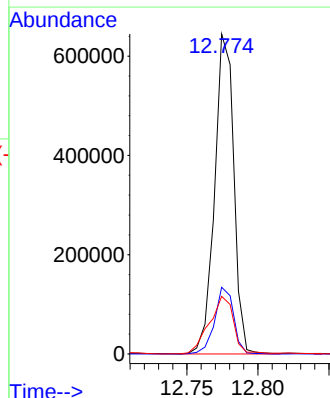
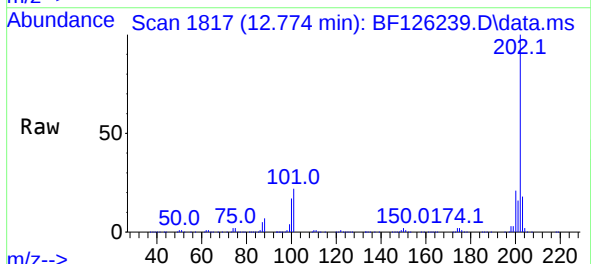
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Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

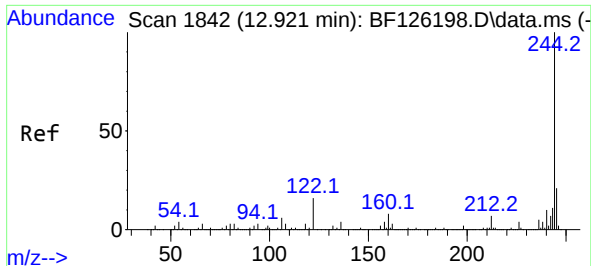
Tgt Ion:240 Resp: 368556
Ion Ratio Lower Upper
240 100
120 16.3 10.8 16.2#
236 26.6 21.6 32.4



#78
Pyrene
Concen: 17.862 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

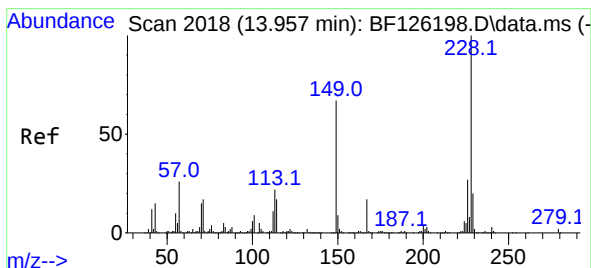
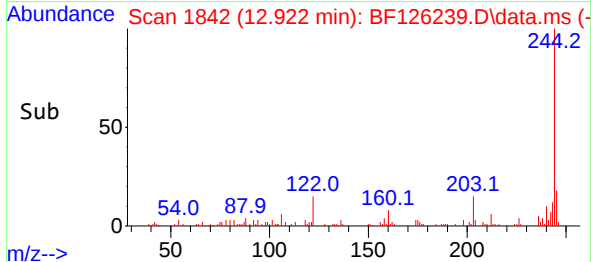
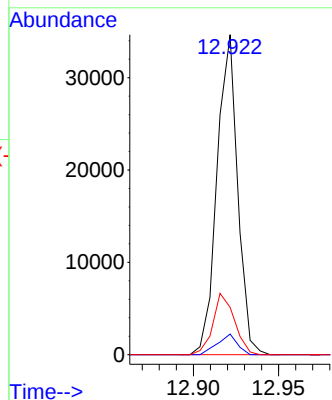
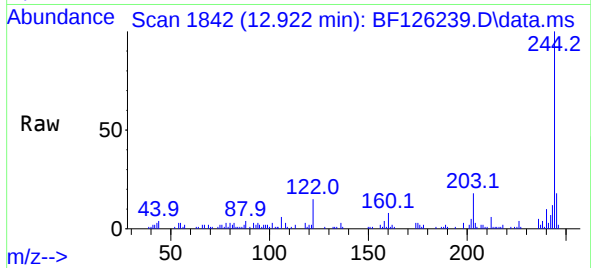
Tgt Ion:202 Resp: 604811
Ion Ratio Lower Upper
202 100
200 20.9 15.3 22.9
203 18.0 13.4 20.0





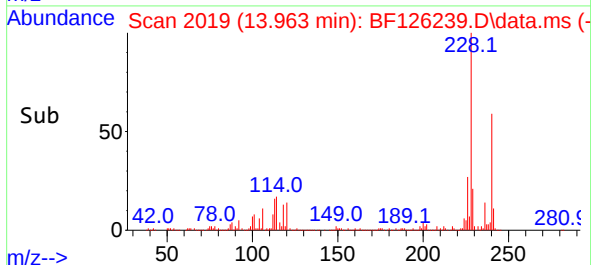
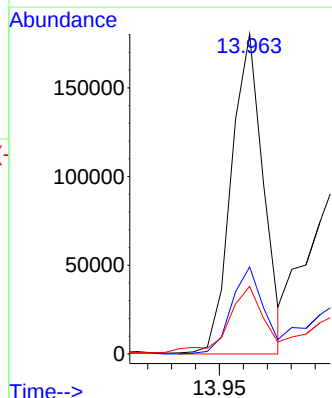
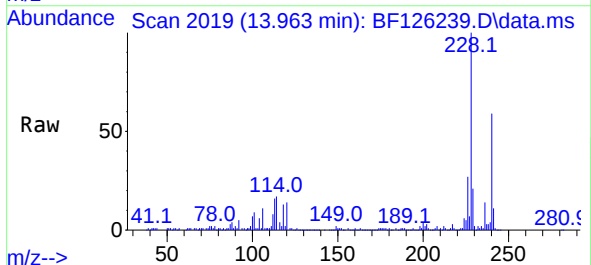
#79
Terphenyl-d14
Concen: 1.379 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

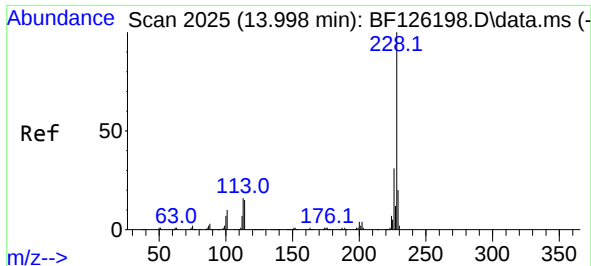
Tgt Ion:244 Resp: 29250
Ion Ratio Lower Upper
244 100
212 6.4 5.9 8.9
122 14.8 9.0 13.4#



#81
Benzo(a)anthracene
Concen: 7.680 ng m
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

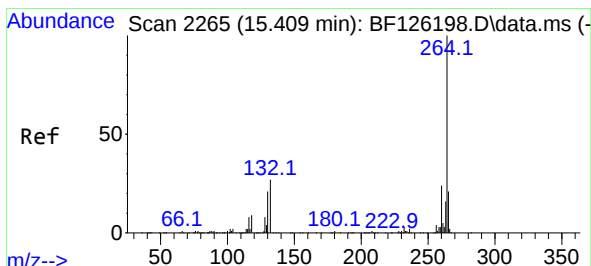
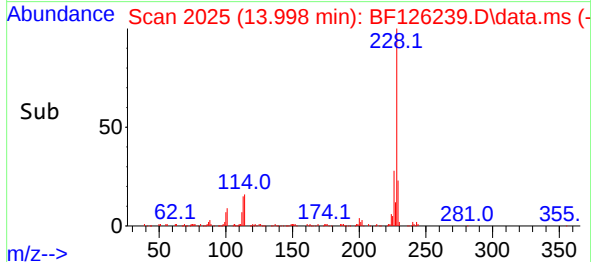
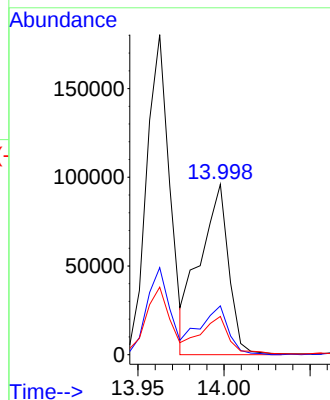
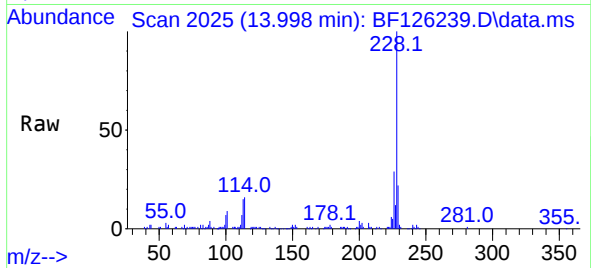
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Ion Ratio Lower Upper
228 100
226 27.2 21.6 32.4
229 21.1 15.6 23.4





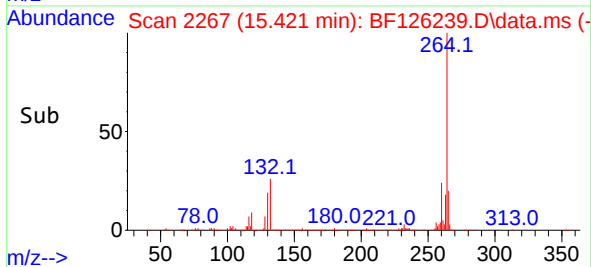
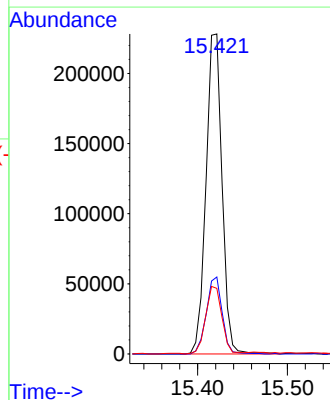
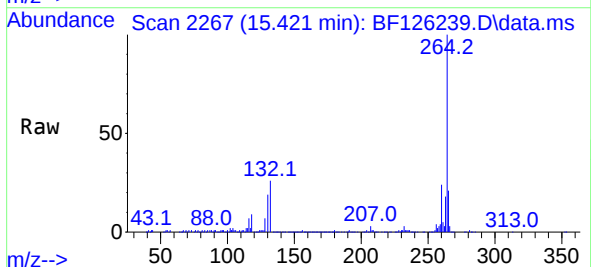
#83
Chrysene
Concen: 4.970 ng m
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

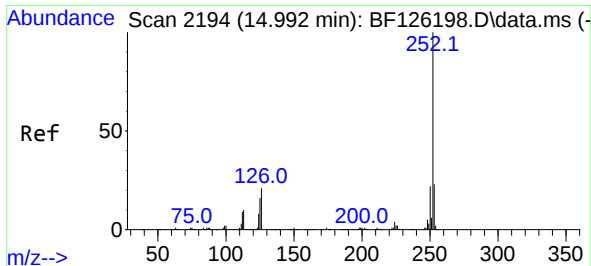
Tgt Ion:228	Resp: 112730
Ion Ratio	Lower Upper
228	100
226	28.7 22.6 34.0
229	22.4 15.9 23.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

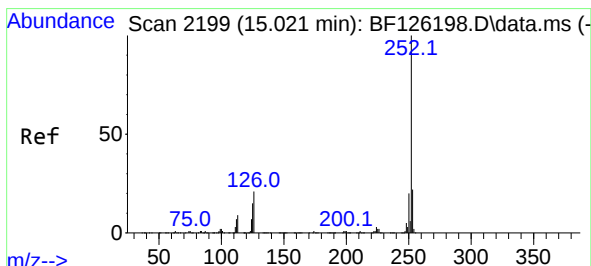
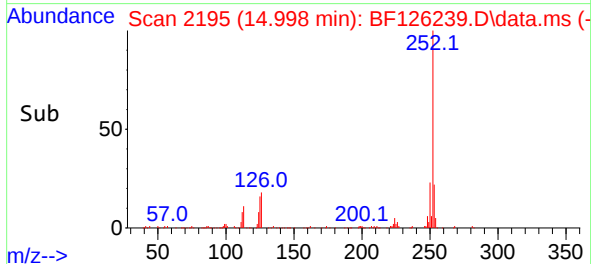
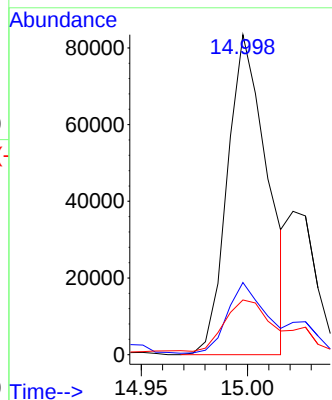
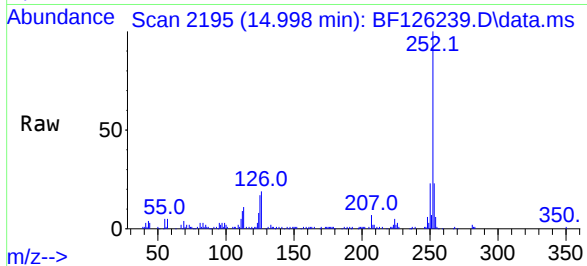
Tgt Ion:264	Resp: 282797
Ion Ratio	Lower Upper
264	100
260	24.0 19.6 29.4
265	20.5 17.2 25.8





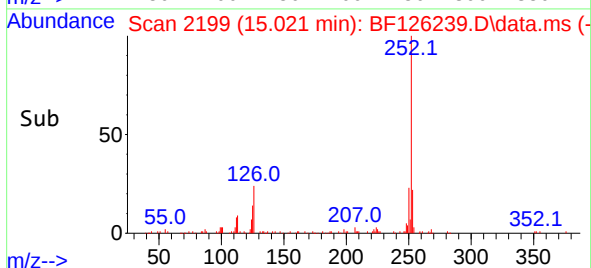
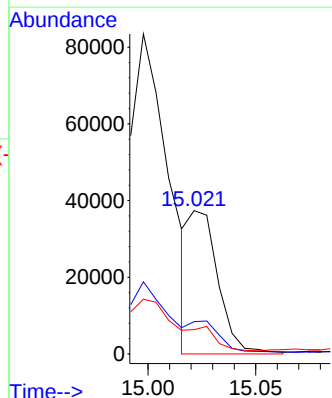
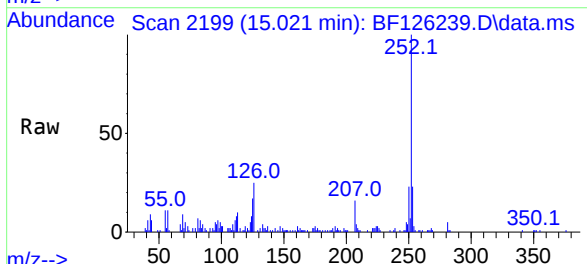
#88
Benzo(b)fluoranthene
Concen: 6.426 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

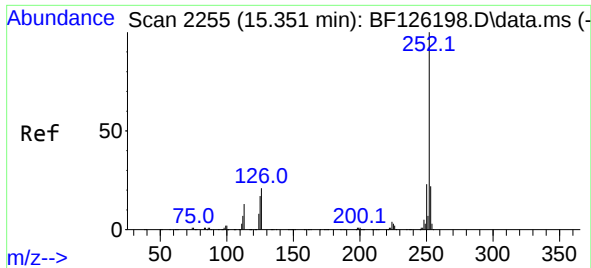
Tgt Ion:252 Resp: 109190
Ion Ratio Lower Upper
252 100
253 22.5 16.8 25.2
125 17.1 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.172 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

Tgt Ion:252 Resp: 35311
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 16.9 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 3.298 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126239.D
Acq: 17 Dec 2021 17:19

Tgt Ion:252	Resp:	46575
Ion Ratio	Lower	Upper
252	100	
253	23.8	18.4 27.6
125	14.2	9.9 14.9

