

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126245.D
 Acq On : 17 Dec 2021 20:35
 Operator : JU/CG
 Sample : M5105-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 18 03:39:23 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

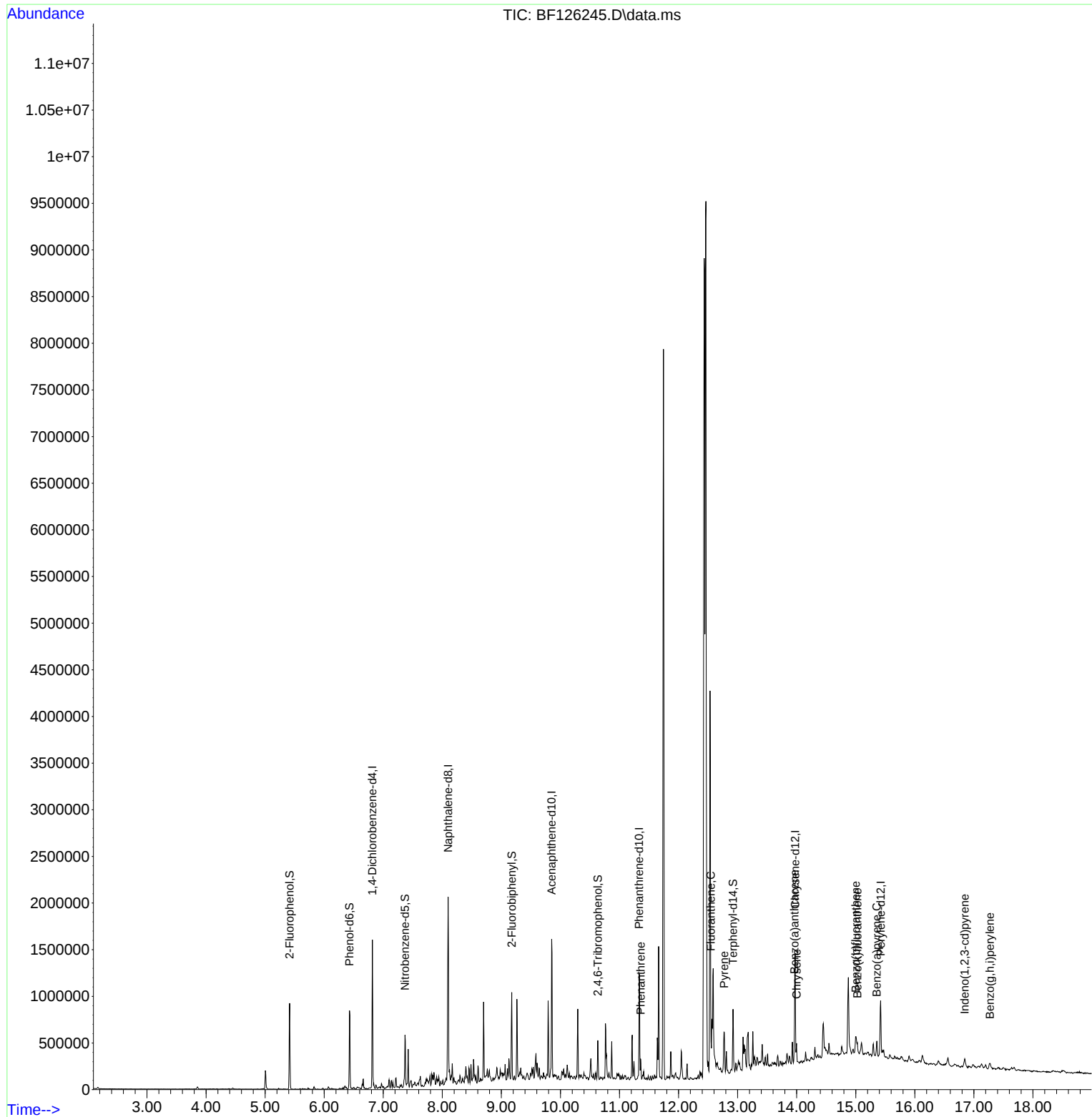
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	206840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	751343	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	287814	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	410236	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	354911	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	246404	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	245502	17.479	ng	0.00
7) Phenol-d6	6.428	99	289282	16.221	ng	-0.02
23) Nitrobenzene-d5	7.369	82	167903	12.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	31779	13.739	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	241433	14.712	ng	0.00
79) Terphenyl-d14	12.921	244	195118	9.556	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.357	178	69894	3.301	ng	99
75) Fluoranthene	12.545	202	114145	5.983	ng	87
78) Pyrene	12.774	202	106397	3.263	ng	96
81) Benzo(a)anthracene	13.962	228	70933m	3.374	ng	
83) Chrysene	13.998	228	76388m	3.497	ng	
87) Indeno(1,2,3-cd)pyrene	16.845	276	46108	2.805	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	96249m	6.501	ng	
89) Benzo(k)fluoranthene	15.027	252	39203m	2.768	ng	
90) Benzo(a)pyrene	15.356	252	67268	5.467	ng	# 91
92) Benzo(g,h,i)perylene	17.274	276	47464	3.434	ng	# 87

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
Data File : BF126245.D
Acq On : 17 Dec 2021 20:35
Operator : JU/CG
Sample : M5105-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

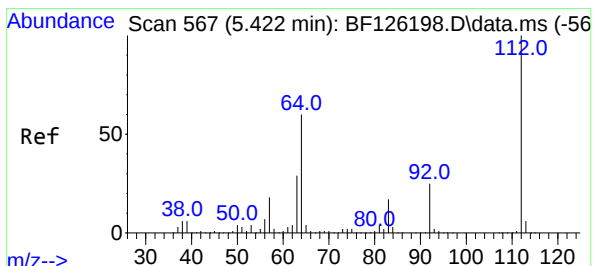
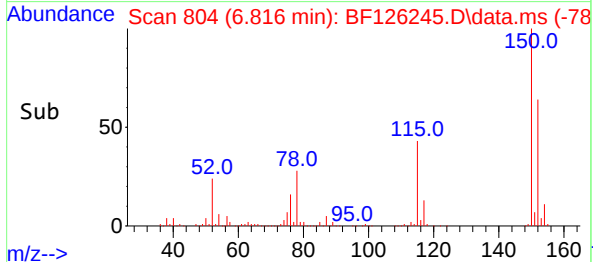
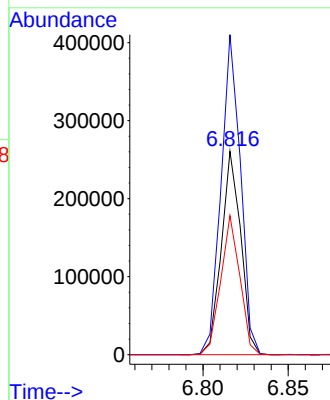
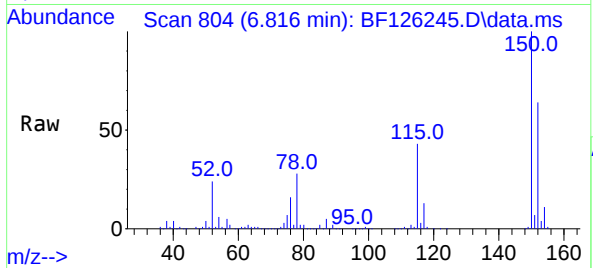
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





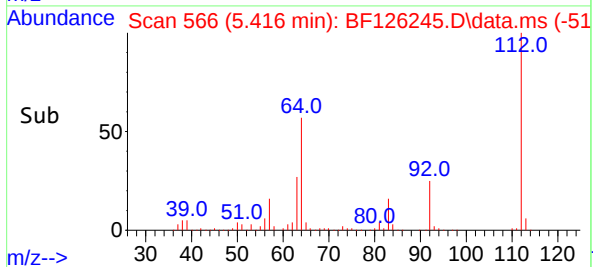
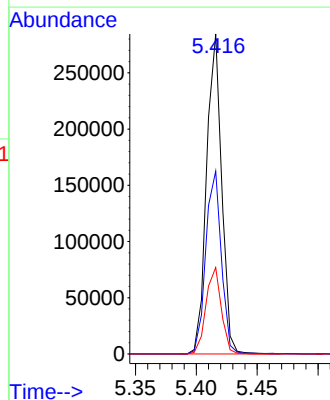
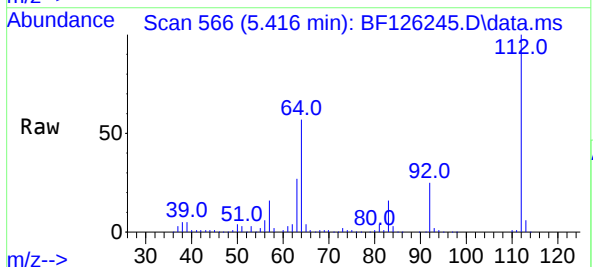
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

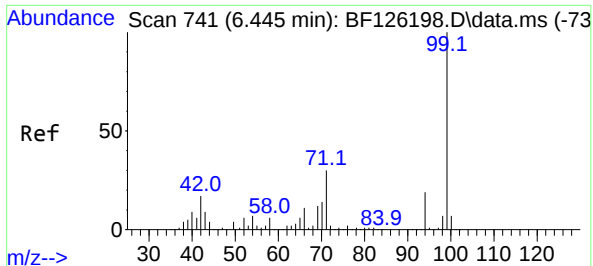
Tgt Ion:152 Resp: 206840
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 68.3 47.1 70.7



#5
2-Fluorophenol
Concen: 17.479 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

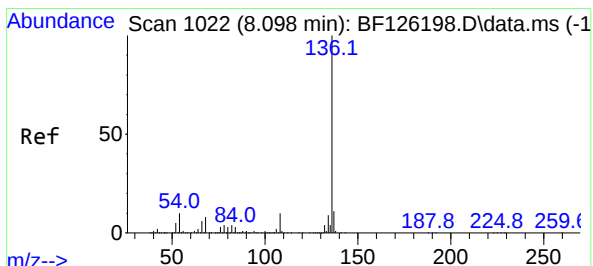
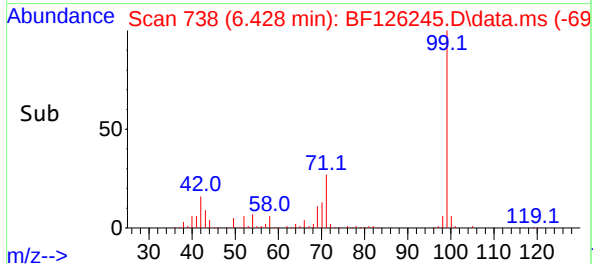
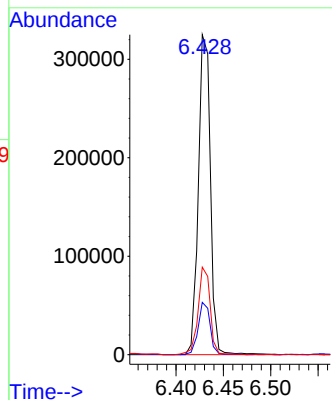
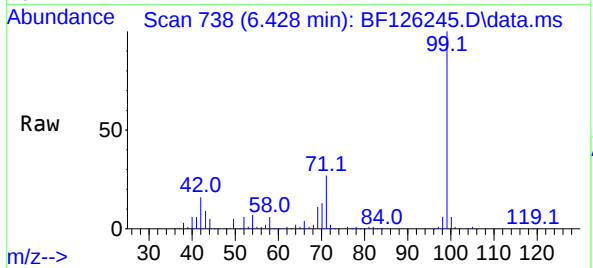
Tgt Ion:112 Resp: 245502
Ion Ratio Lower Upper
112 100
64 57.1 44.2 66.2
63 27.0 26.2 39.2





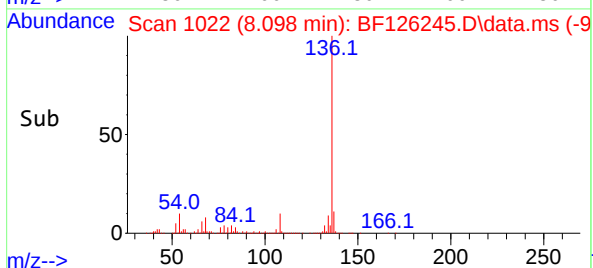
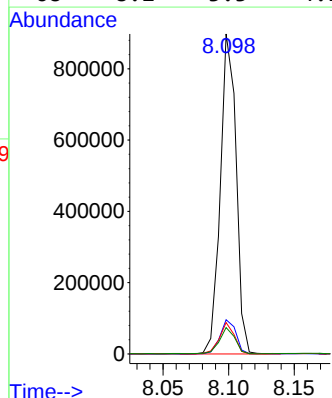
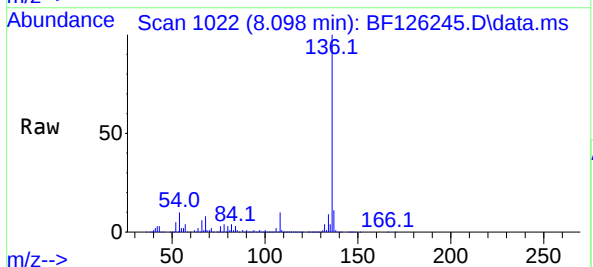
#7
Phenol-d6
Concen: 16.221 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

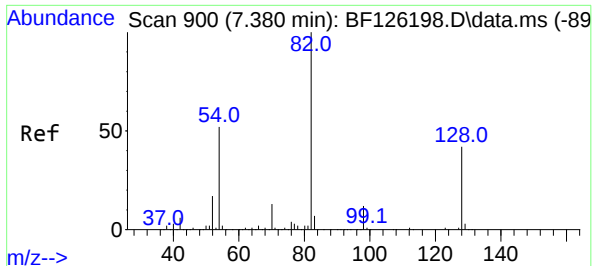
Tgt Ion: 99 Resp: 289282
Ion Ratio Lower Upper
99 100
42 16.3 23.5 35.3#
71 27.4 25.6 38.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:136 Resp: 751343
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.8 6.4 9.6#
68 8.2 3.3 4.9#

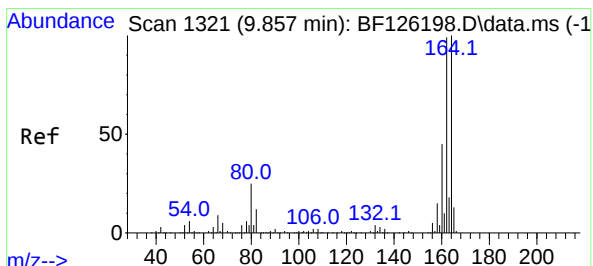
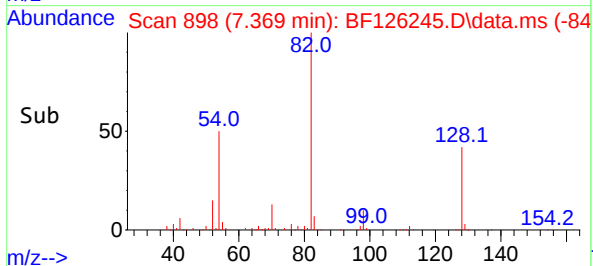
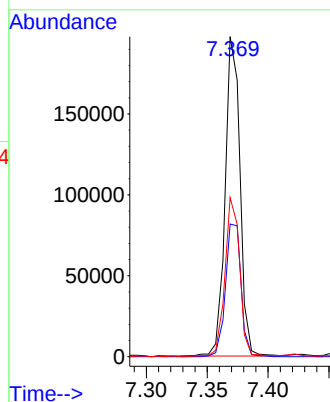
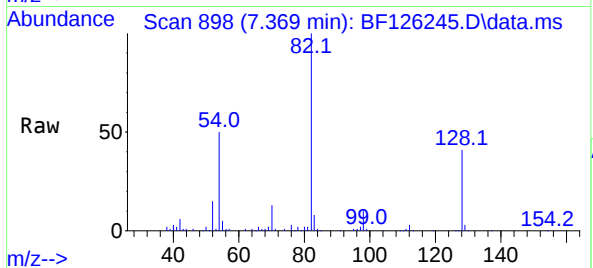




#23
Nitrobenzene-d5
Concen: 12.103 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion: 82 Resp: 167903

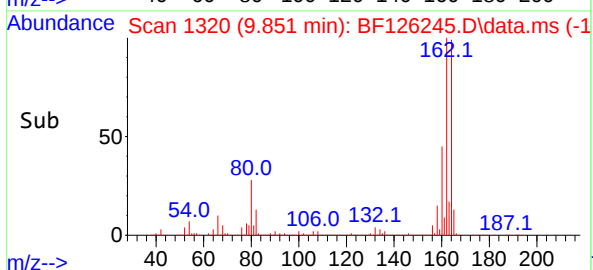
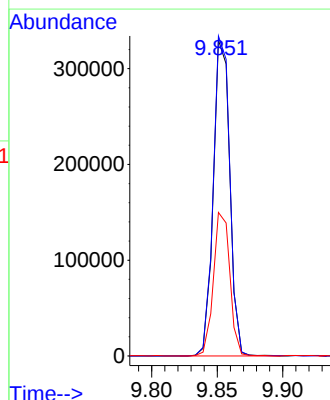
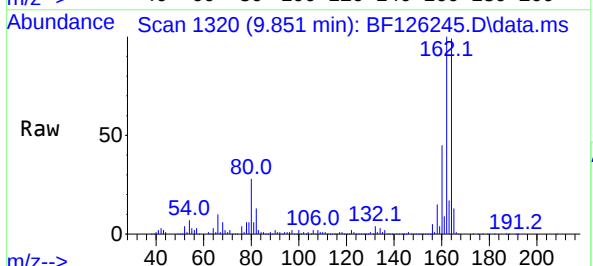
Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.6	60.8
54	49.7	49.6	74.4

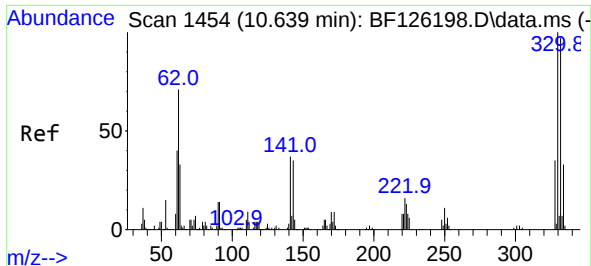


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion: 164 Resp: 287814

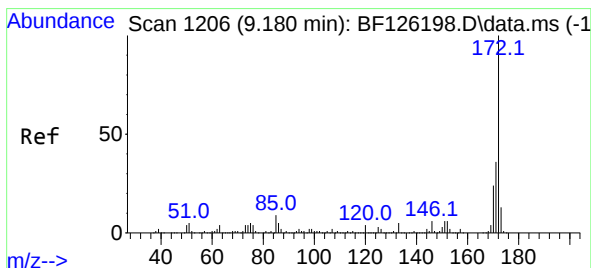
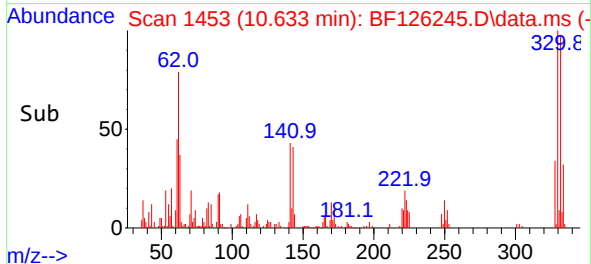
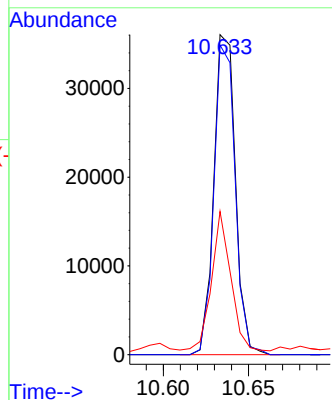
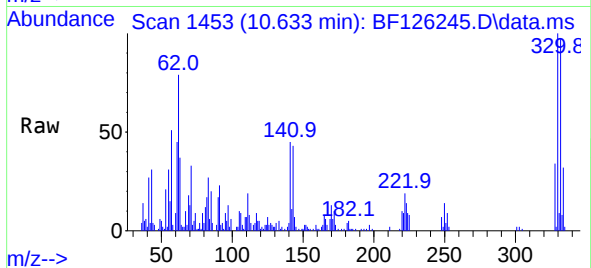
Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	45.5	38.0	57.0





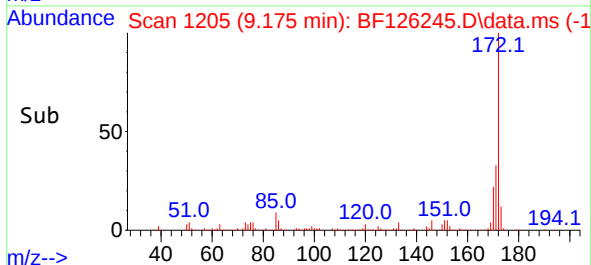
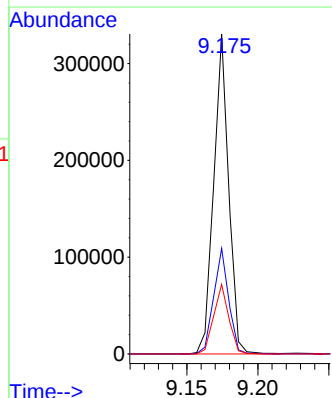
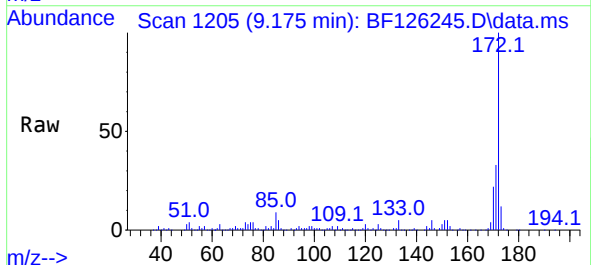
#42
2,4,6-Tribromophenol
Concen: 13.739 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

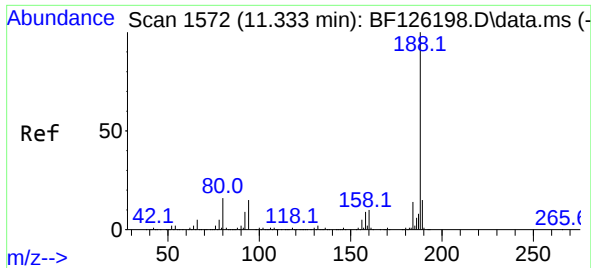
Tgt Ion: 330 Resp: 31779
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 38.7 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 14.712 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

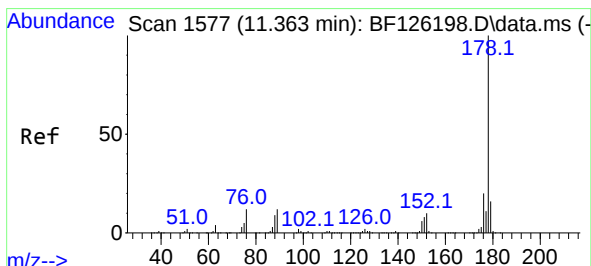
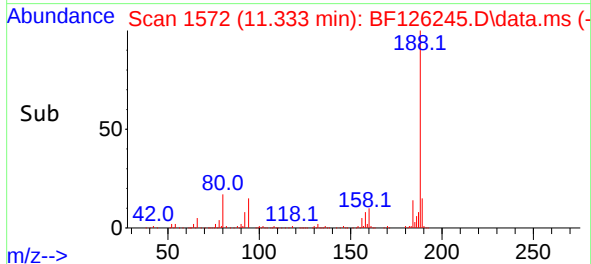
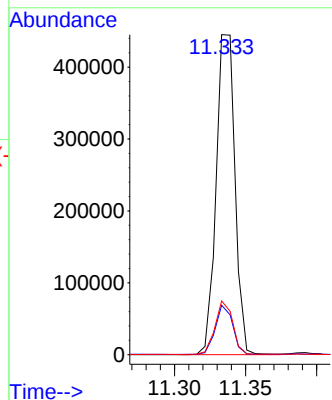
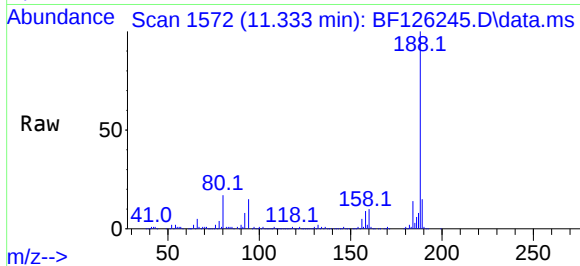
Tgt Ion: 172 Resp: 241433
Ion Ratio Lower Upper
172 100
171 33.0 26.5 39.7
170 21.8 18.8 28.2





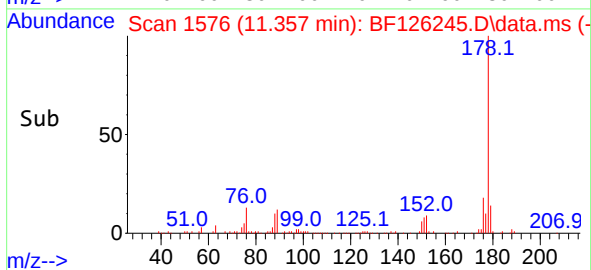
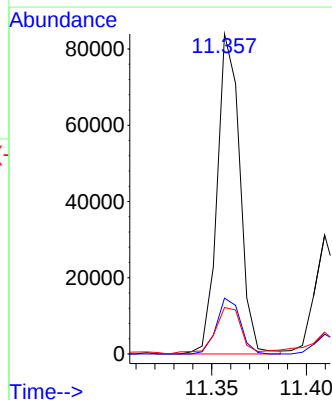
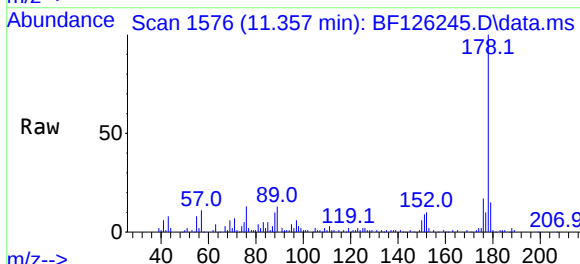
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

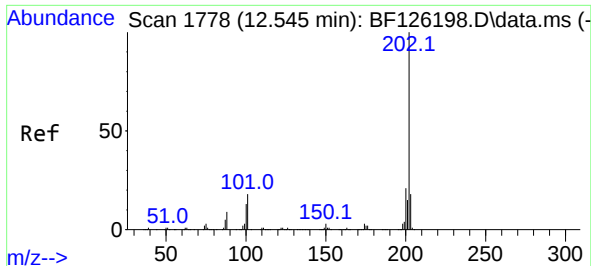
Tgt Ion:188 Resp: 410236
Ion Ratio Lower Upper
188 100
94 15.4 6.7 10.1#
80 16.8 7.5 11.3#



#71
Phenanthrene
Concen: 3.301 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

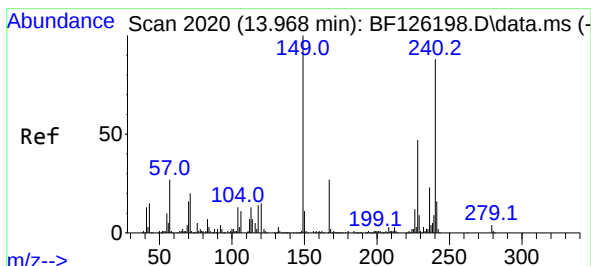
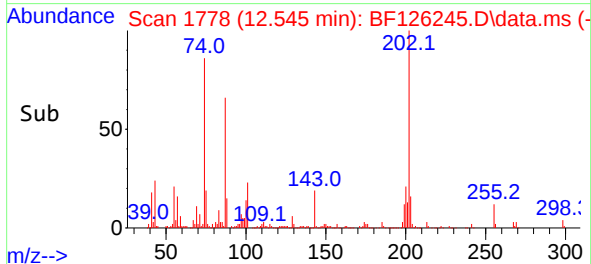
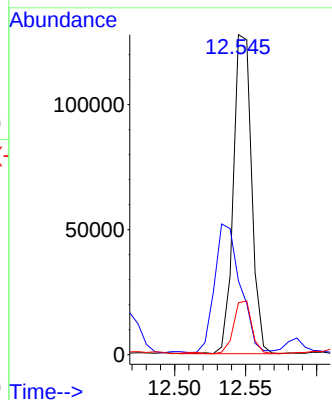
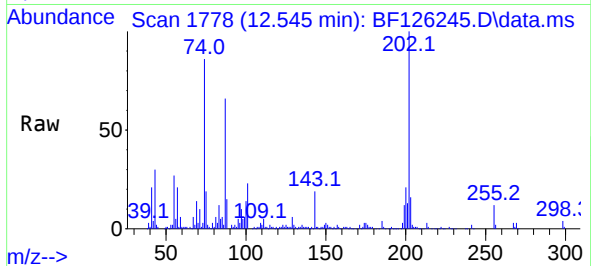
Tgt Ion:178 Resp: 69894
Ion Ratio Lower Upper
178 100
176 17.5 14.7 22.1
179 14.5 11.5 17.3





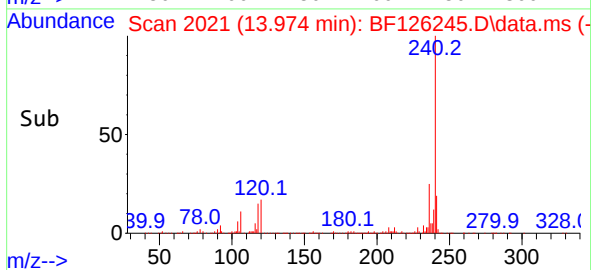
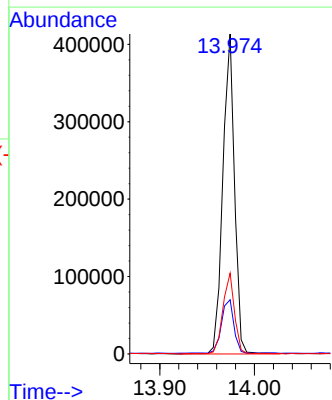
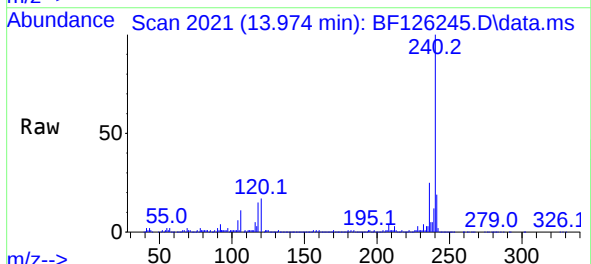
#75
Fluoranthene
Concen: 5.983 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

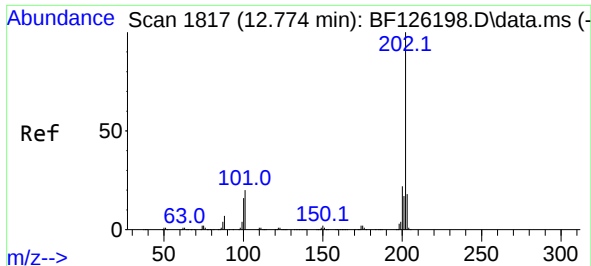
Tgt Ion:	202	Resp:	114145
Ion	Ratio	Lower	Upper
202	100		
101	23.1	0.0	30.7
203	16.2	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

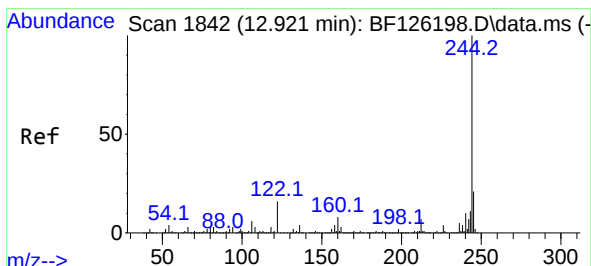
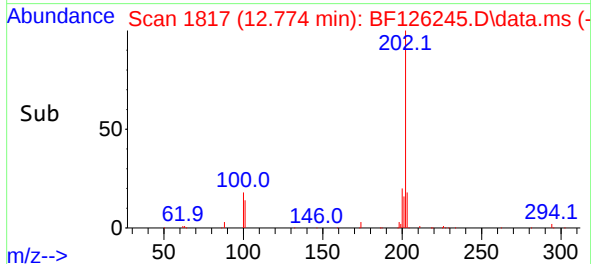
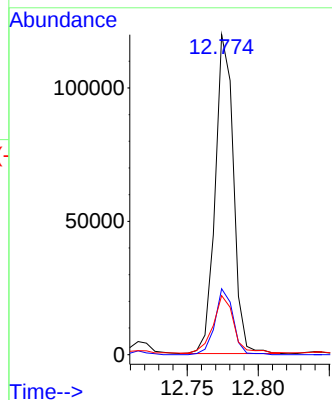
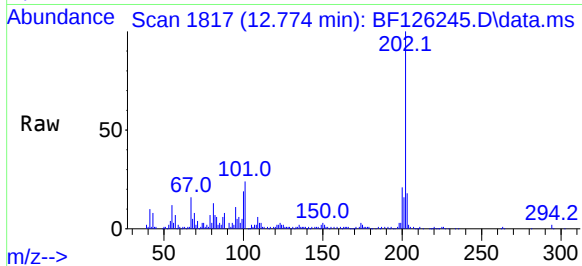
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Ion	Ratio	Lower	Upper
240	100		
120	17.0	10.8	16.2#
236	25.3	21.6	32.4





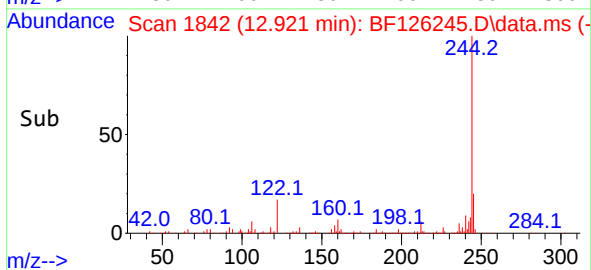
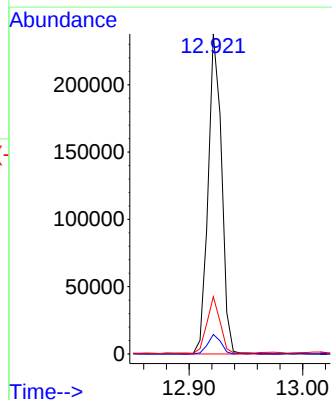
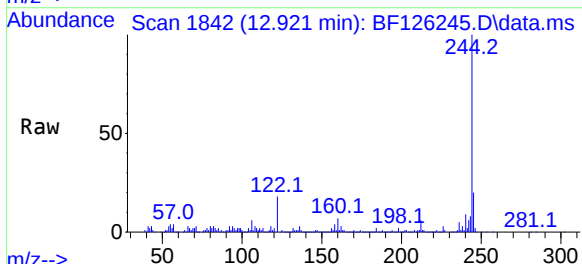
#78
Pyrene
Concen: 3.263 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

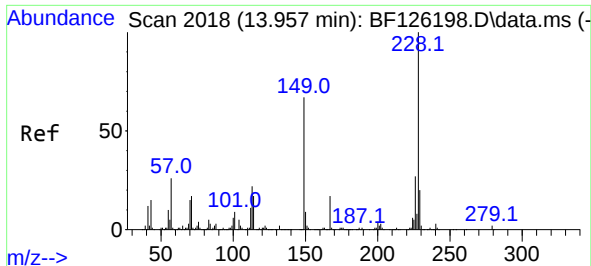
Tgt Ion:	202	Resp:	106397
Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.3	22.9
203	18.5	13.4	20.0



#79
Terphenyl-d14
Concen: 9.556 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

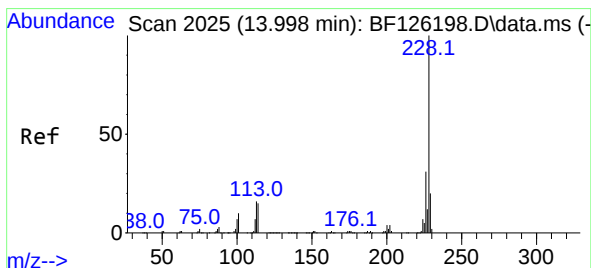
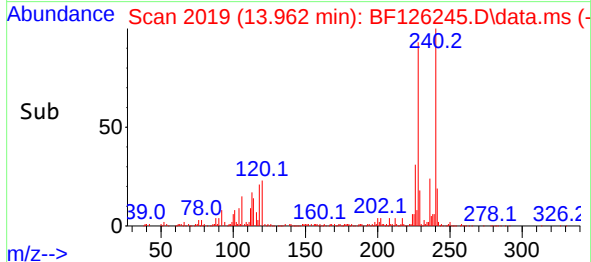
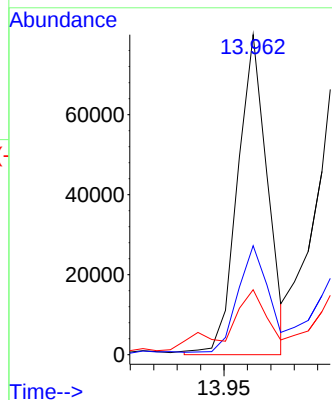
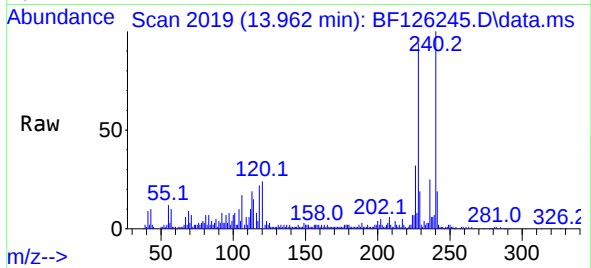
Tgt Ion:	244	Resp:	195118
Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.9	8.9
122	17.9	9.0	13.4





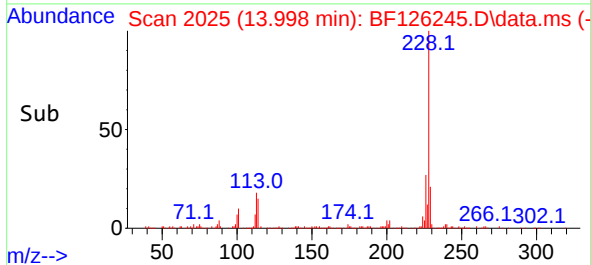
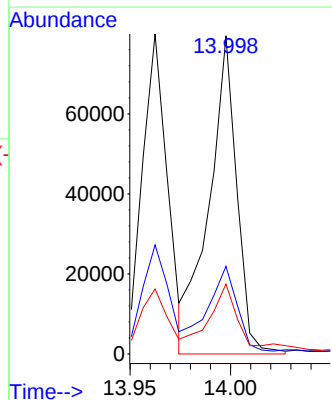
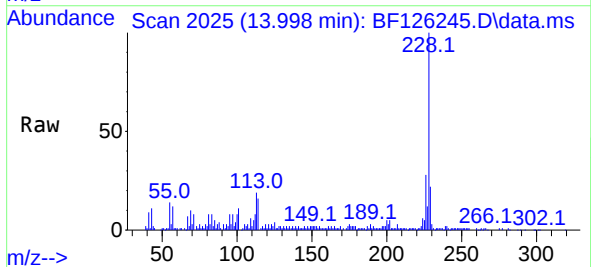
#81
Benzo(a)anthracene
Concen: 3.374 ng m
RT: 13.962 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

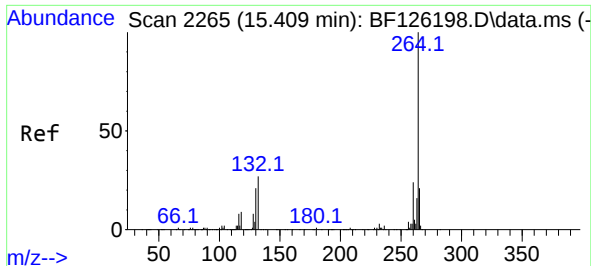
Tgt Ion:228 Resp: 70933
Ion Ratio Lower Upper
228 100
226 34.1 21.6 32.4#
229 20.3 15.6 23.4



#83
Chrysene
Concen: 3.497 ng m
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

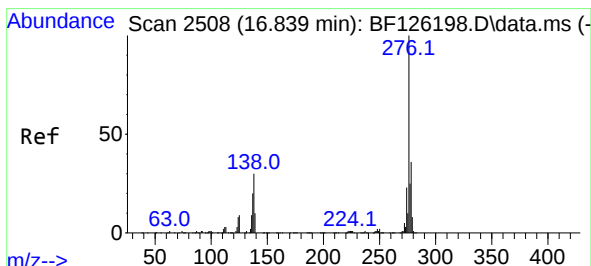
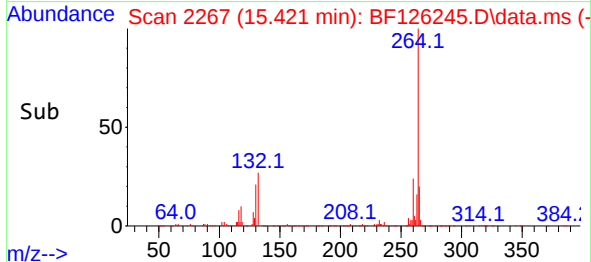
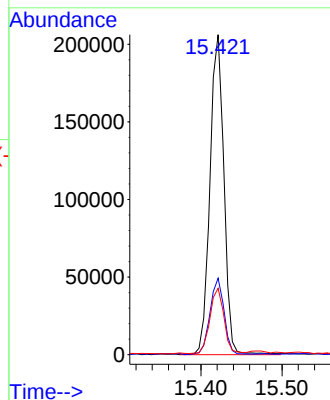
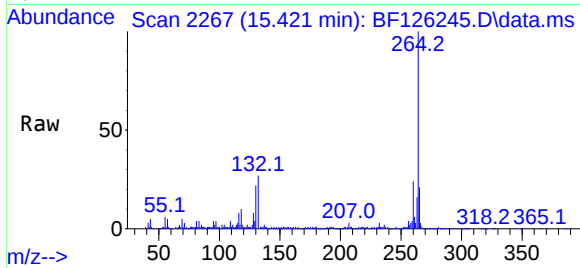
Tgt Ion:228 Resp: 76388
Ion Ratio Lower Upper
228 100
226 27.5 22.6 34.0
229 22.0 15.9 23.9





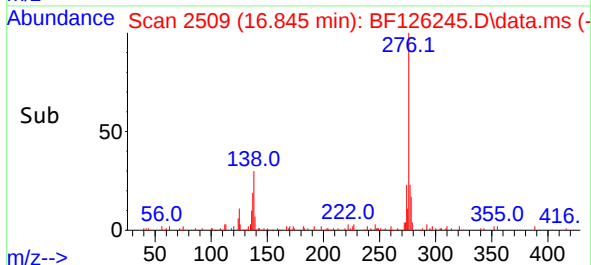
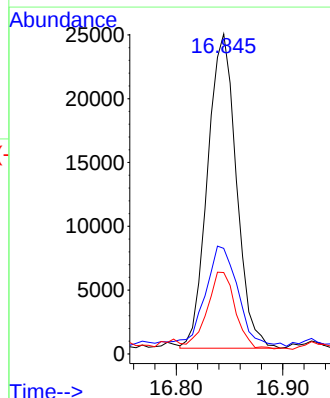
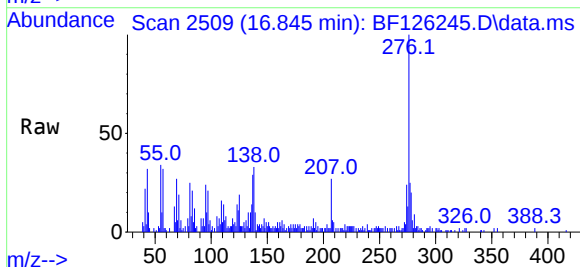
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

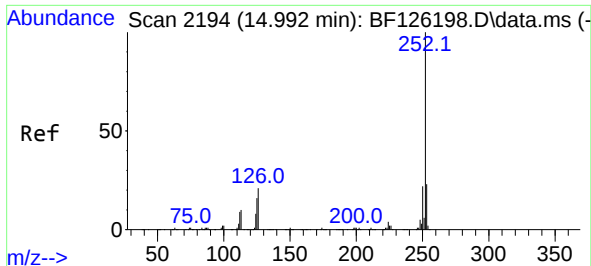
Tgt Ion:264	Resp:	246404
Ion Ratio	Lower	Upper
264	100	
260	23.9	19.6 29.4
265	20.8	17.2 25.8



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.805 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

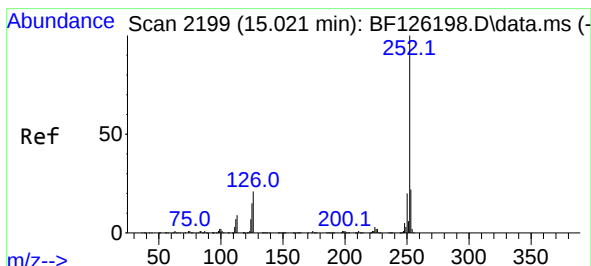
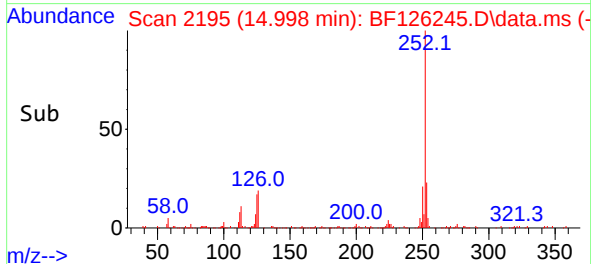
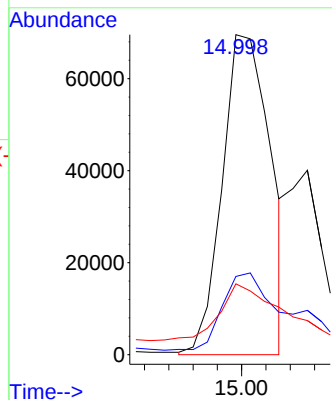
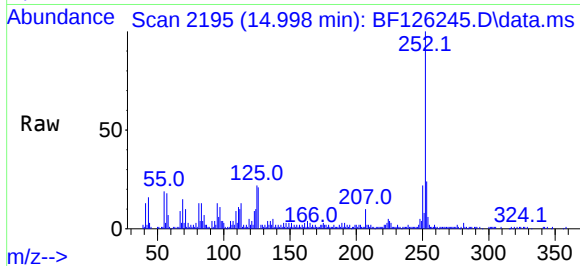
Tgt Ion:276	Resp:	46108
Ion Ratio	Lower	Upper
276	100	
138	36.5	24.1 36.1#
277	23.5	18.8 28.2





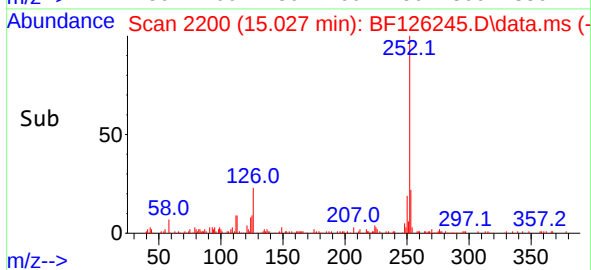
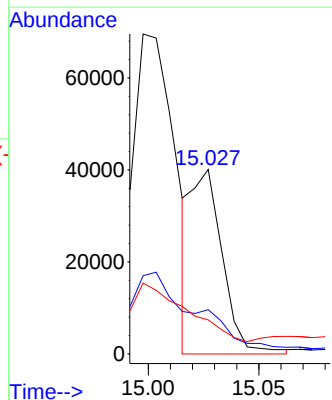
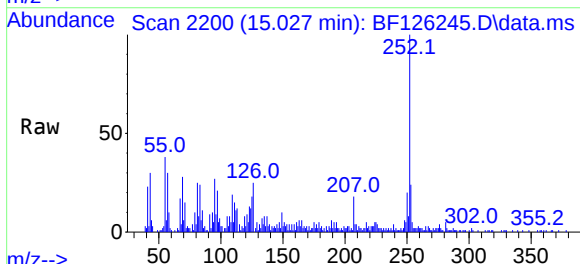
#88
Benzo(b)fluoranthene
Concen: 6.501 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

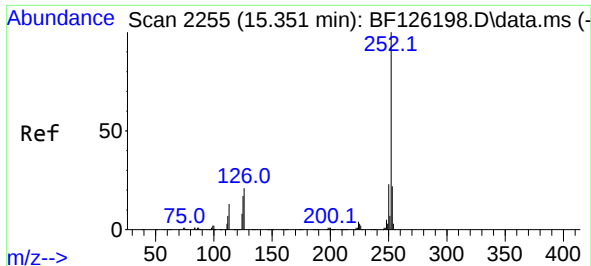
Tgt Ion:252 Resp: 96249
Ion Ratio Lower Upper
252 100
253 24.5 16.8 25.2
125 22.1 9.8 14.8#



#89
Benzo(k)fluoranthene
Concen: 2.768 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

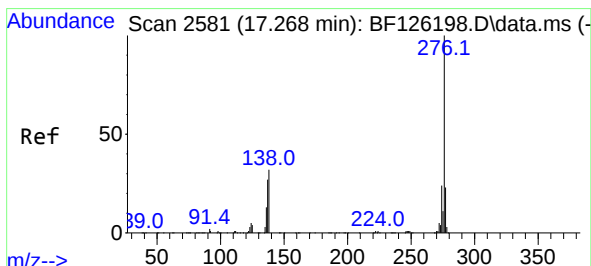
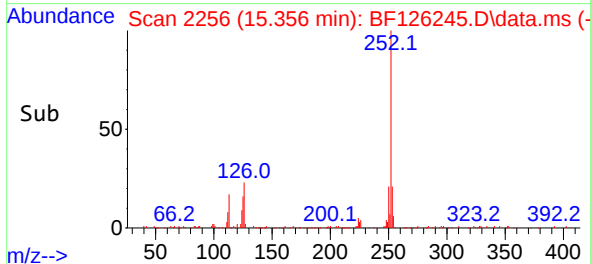
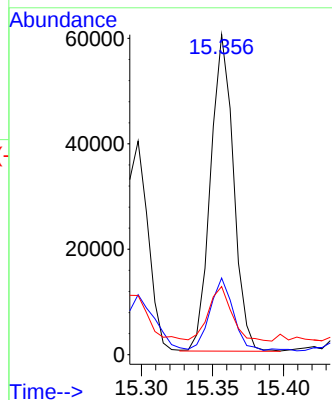
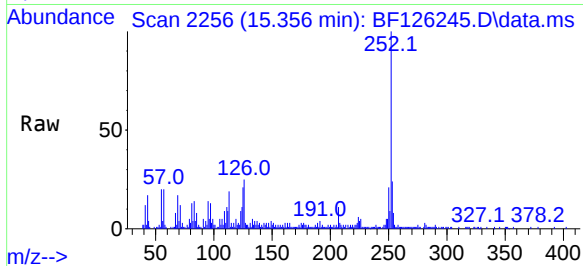
Tgt Ion:252 Resp: 39203
Ion Ratio Lower Upper
252 100
253 24.0 17.8 26.8
125 18.5 7.2 10.8#





#90
Benzo(a)pyrene
Concen: 5.467 ng
RT: 15.356 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:252	Resp:	67268
Ion Ratio	Lower	Upper
252	100	
253	23.9	18.4 27.6
125	21.3	9.9 14.9#



#92
Benzo(g,h,i)perylene
Concen: 3.434 ng
RT: 17.274 min Scan# 2582
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:276	Resp:	47464
Ion Ratio	Lower	Upper
276	100	
277	24.1	22.0 33.0
138	37.6	22.2 33.4#

