

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126242.D
 Acq On : 17 Dec 2021 18:58
 Operator : JU/CG
 Sample : M5078-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 18 03:38:20 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

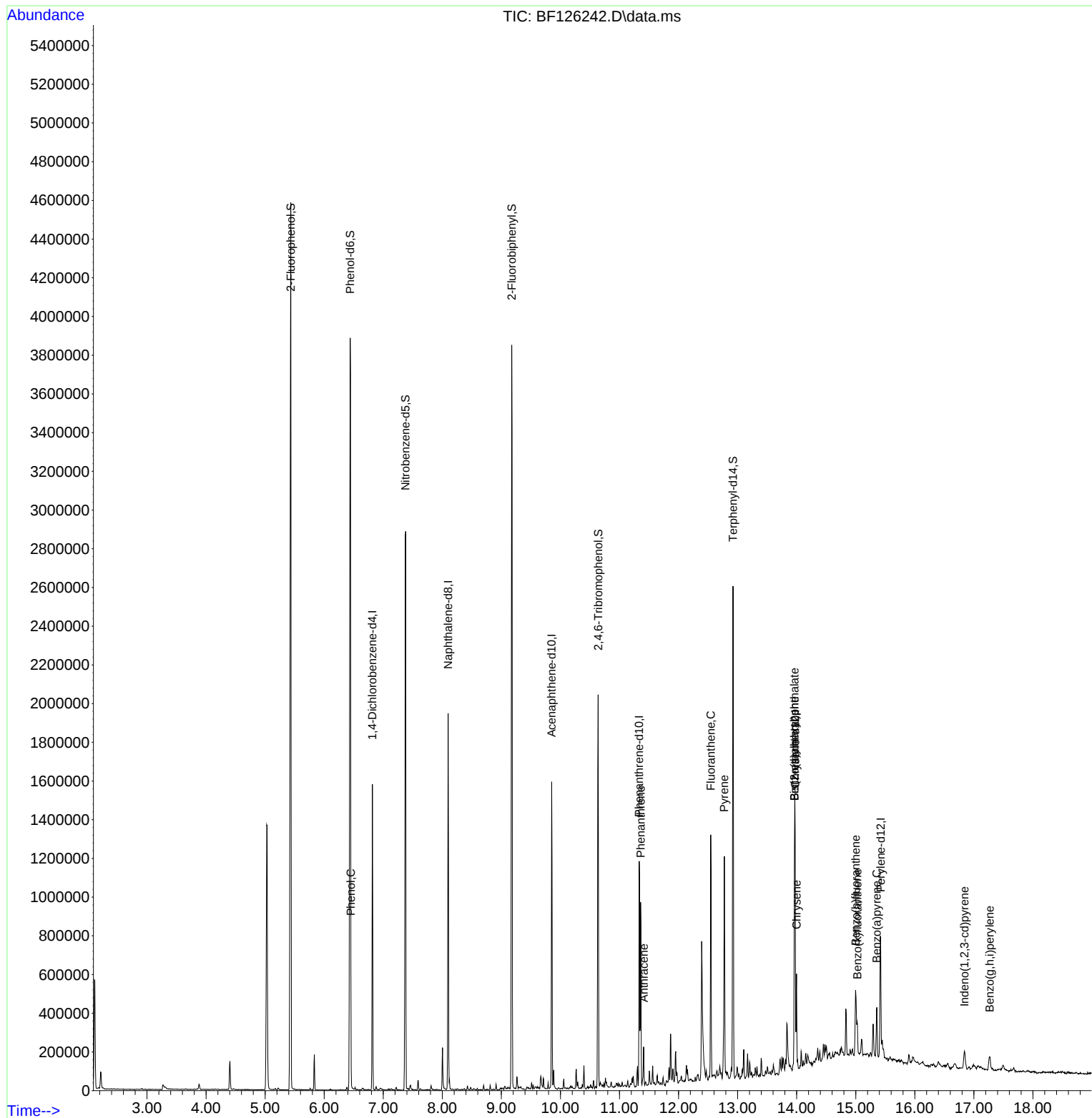
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	203307	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	783147	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	296485	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	407393	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	343975	20.000	ng	0.00
86) Perylene-d12	15.421	264	262423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1369492	99.199	ng	0.01
7) Phenol-d6	6.440	99	1695761	96.738	ng	0.00
23) Nitrobenzene-d5	7.375	82	1052006	72.752	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	217446	91.261	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1174228	69.462	ng	0.00
79) Terphenyl-d14	12.921	244	771140	38.966	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	50760	2.580	ng	96
71) Phenanthrene	11.357	178	332553	15.816	ng	98
72) Anthracene	11.410	178	60354	2.860	ng	99
75) Fluoranthene	12.545	202	461896	24.381	ng	92
78) Pyrene	12.774	202	405305	12.825	ng	97
81) Benzo(a)anthracene	13.963	228	176494	8.662	ng	97
83) Chrysene	13.998	228	168269	7.949	ng	96
84) Bis(2-ethylhexyl)phtha...	13.963	149	69197	4.164	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.839	276	61471	3.512	ng	98
88) Benzo(b)fluoranthene	14.998	252	171507m	10.877	ng	
89) Benzo(k)fluoranthene	15.027	252	61158m	4.055	ng	
90) Benzo(a)pyrene	15.357	252	112493	8.584	ng	# 95
92) Benzo(g,h,i)perylene	17.268	276	56132	3.813	ng	93

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

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ALS Vial : 17 Sample Multiplier: 1

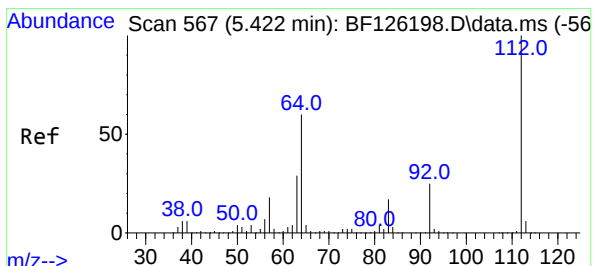
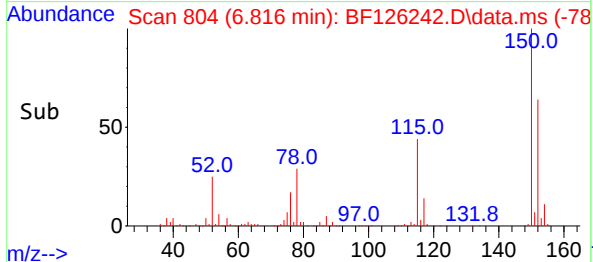
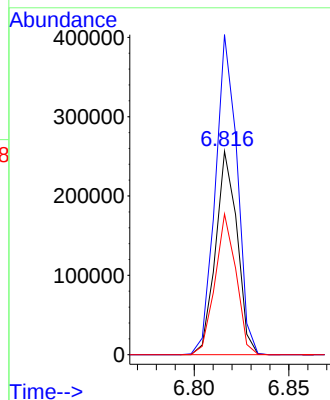
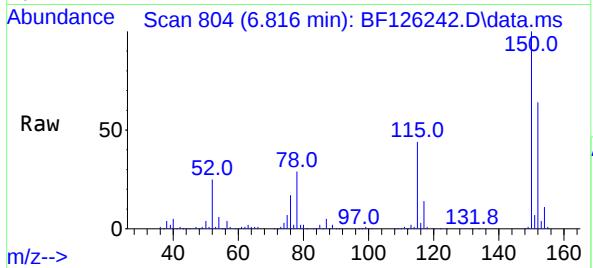
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
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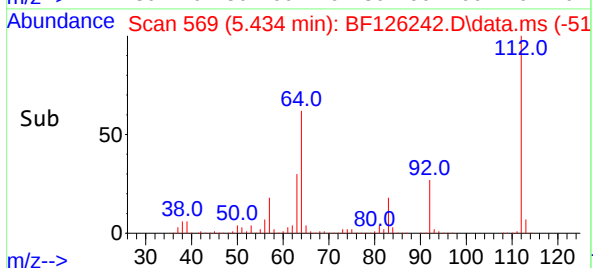
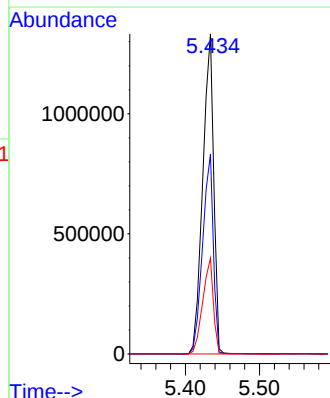
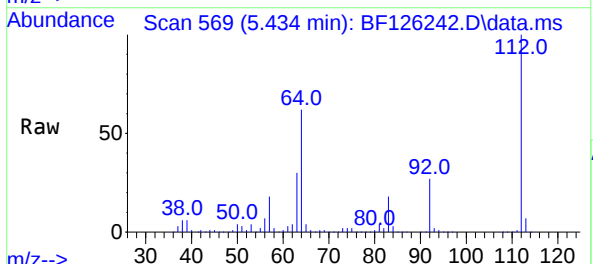
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

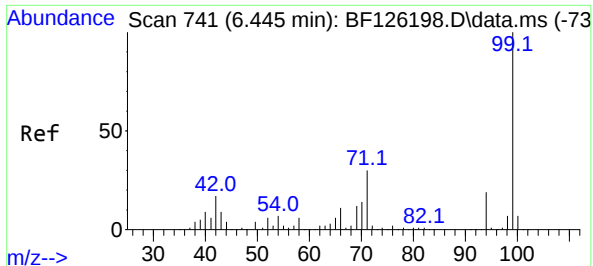
Tgt Ion:152 Resp: 203307
Ion Ratio Lower Upper
152 100
150 157.3 117.6 176.4
115 69.1 47.1 70.7



#5
2-Fluorophenol
Concen: 99.199 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:112 Resp: 1369492
Ion Ratio Lower Upper
112 100
64 62.5 44.2 66.2
63 29.9 26.2 39.2

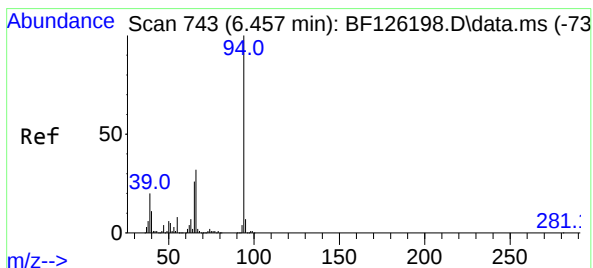
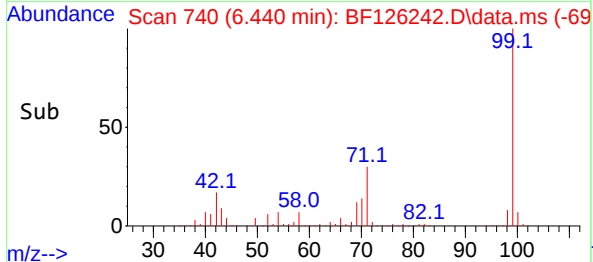
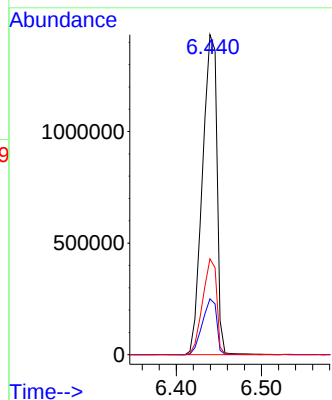
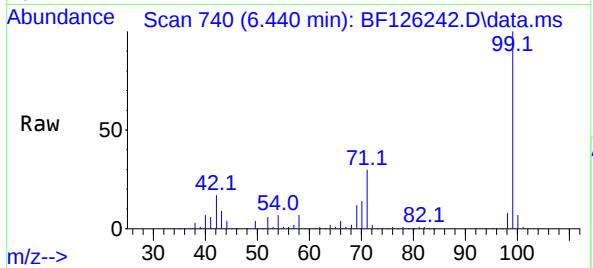




#7
Phenol-d6
Concen: 96.738 ng
RT: 6.440 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion: 99 Resp: 1695761

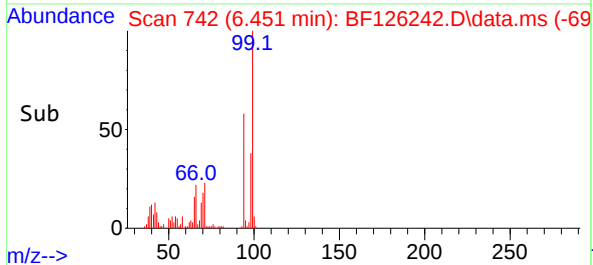
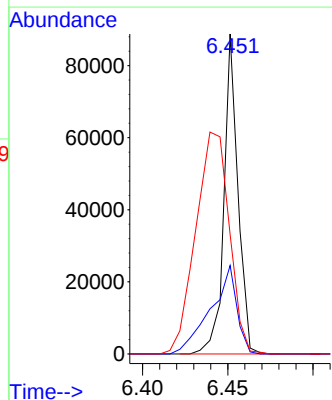
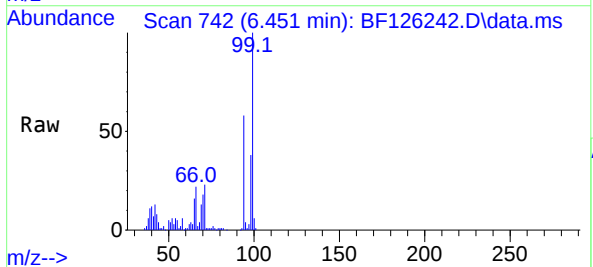
Ion	Ratio	Lower	Upper
99	100		
42	17.5	23.5	35.3#
71	30.0	25.6	38.4

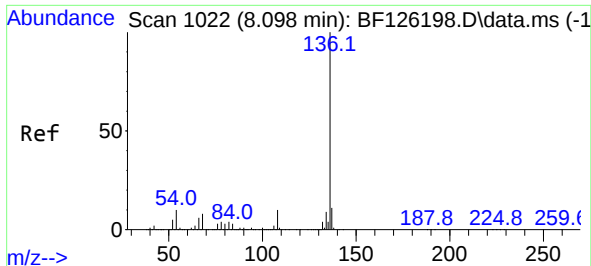


#10
Phenol
Concen: 2.580 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion: 94 Resp: 50760

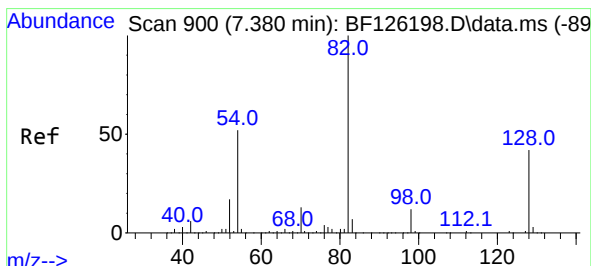
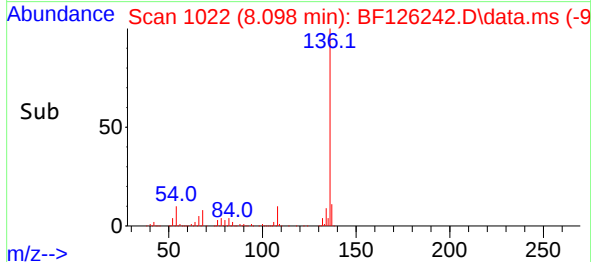
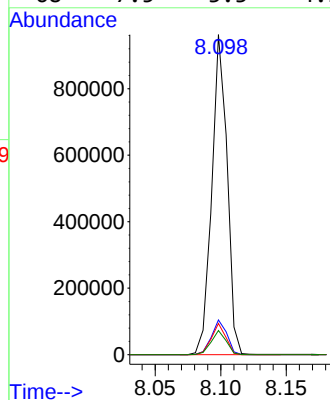
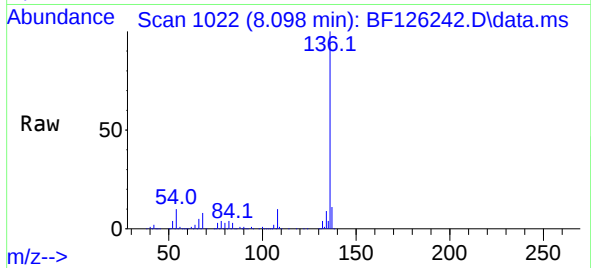
Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.3	49.3
66	37.3	20.3	60.3





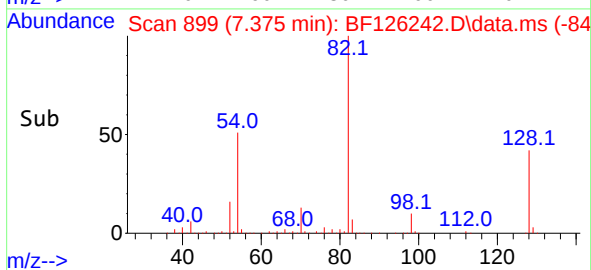
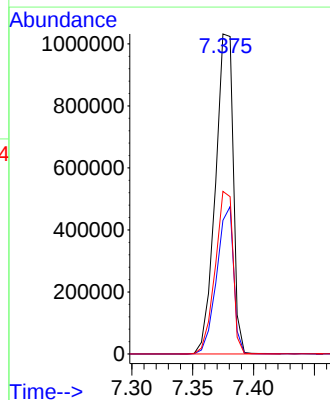
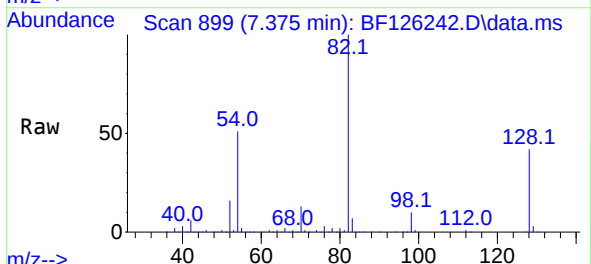
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

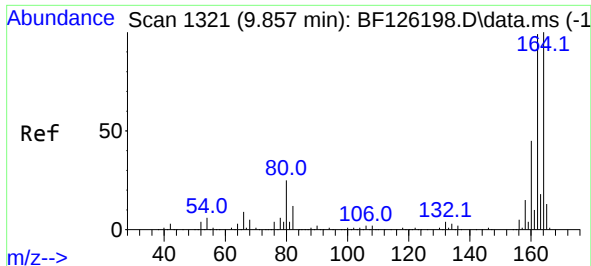
Tgt	Ion:136	Resp:	783147
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.8	14.6
54	9.7	6.4	9.6#
68	7.5	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 72.752 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

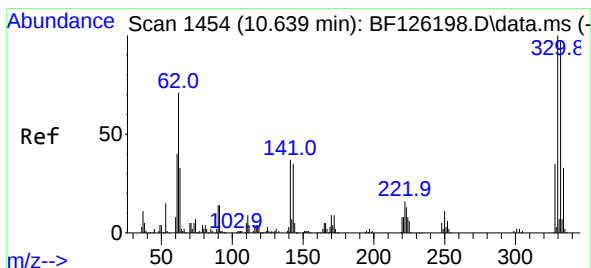
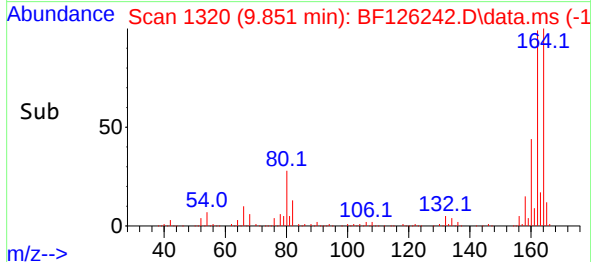
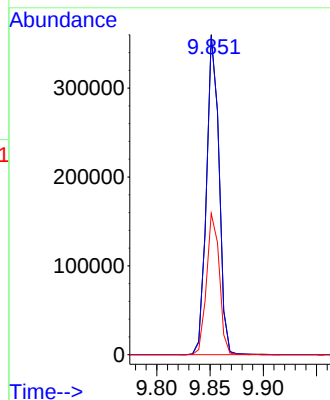
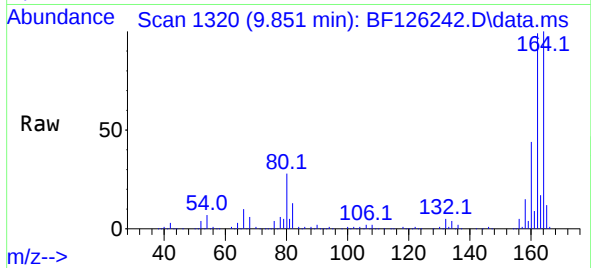
Tgt Ion: 82		Resp: 1052006	
Ion	Ratio	Lower	Upper
82	100		
128	41.7	40.6	60.8
54	50.8	49.6	74.4





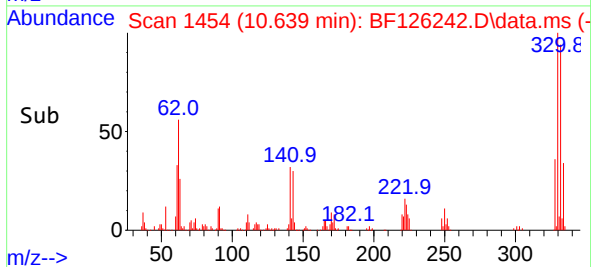
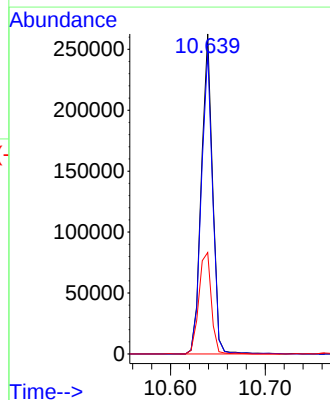
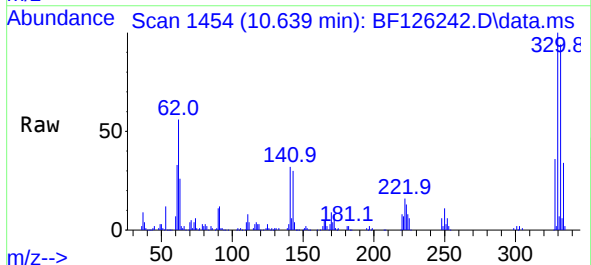
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

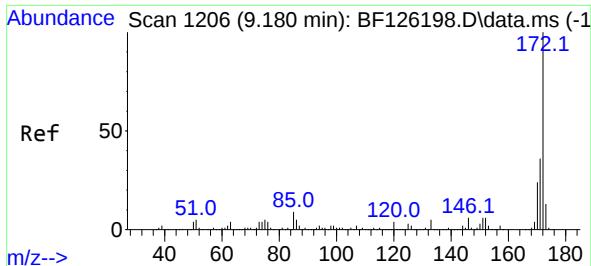
Tgt Ion:164 Resp: 296485
Ion Ratio Lower Upper
164 100
162 99.3 81.3 121.9
160 44.1 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 91.261 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:330 Resp: 217446
Ion Ratio Lower Upper
330 100
332 95.0 76.2 114.4
141 35.3 44.6 66.8#

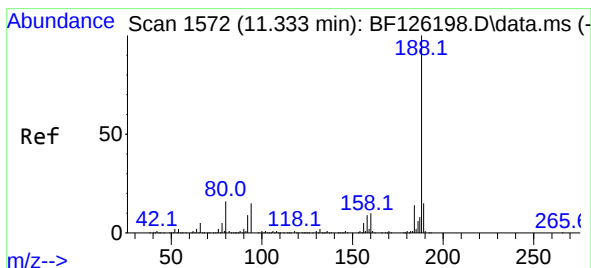
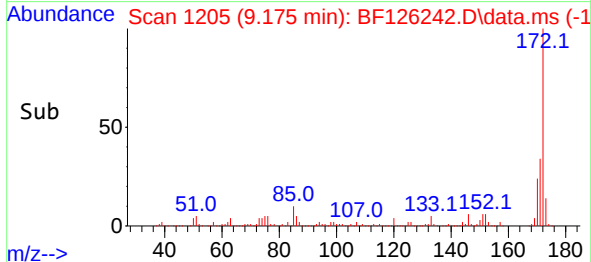
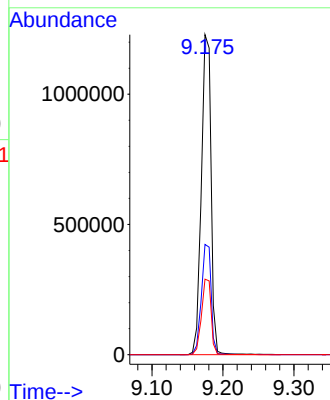
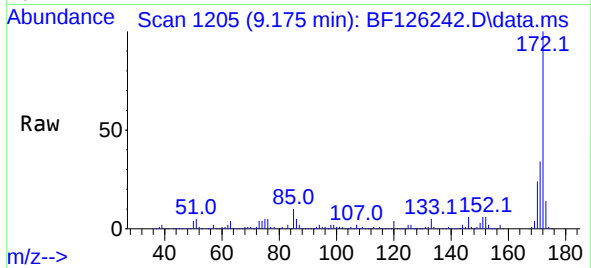




#45
2-Fluorobiphenyl
Concen: 69.462 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:172 Resp: 1174228

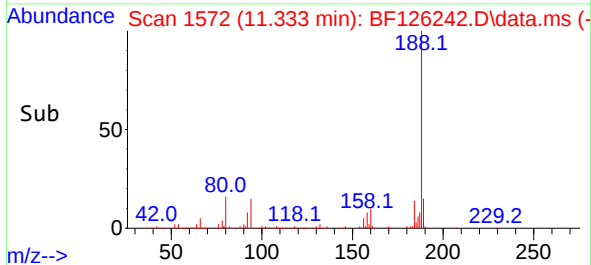
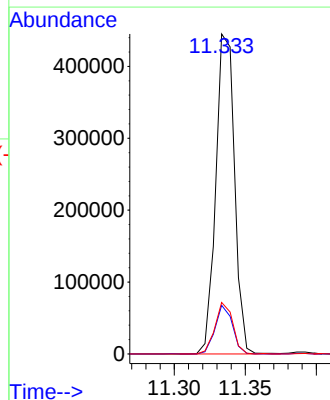
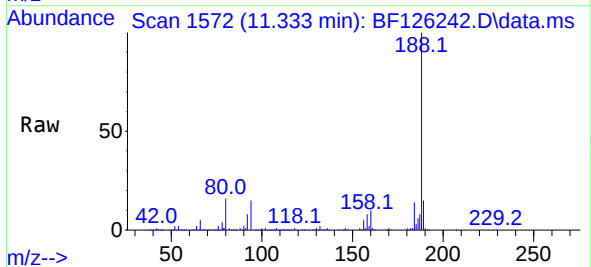
Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.5	39.7
170	23.6	18.8	28.2

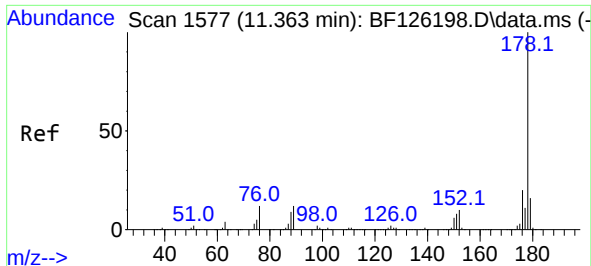


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:188 Resp: 407393

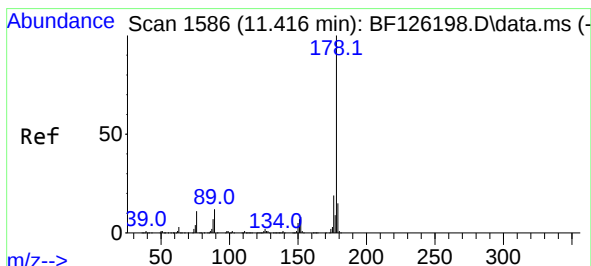
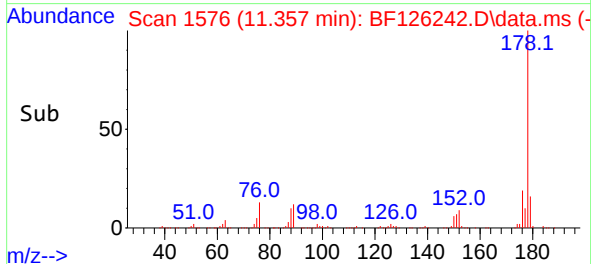
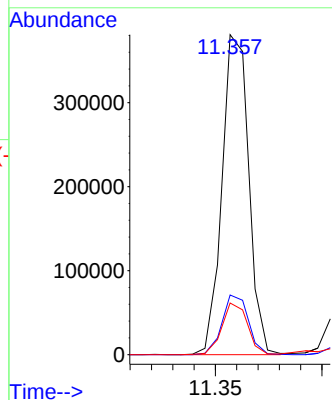
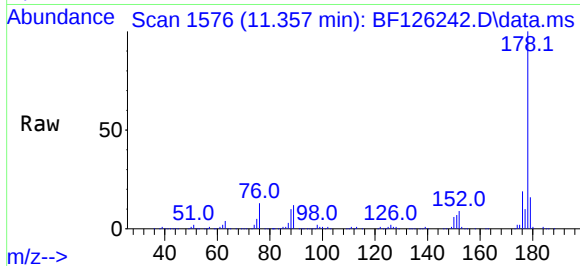
Ion	Ratio	Lower	Upper
188	100		
94	15.2	6.7	10.1#
80	16.1	7.5	11.3#





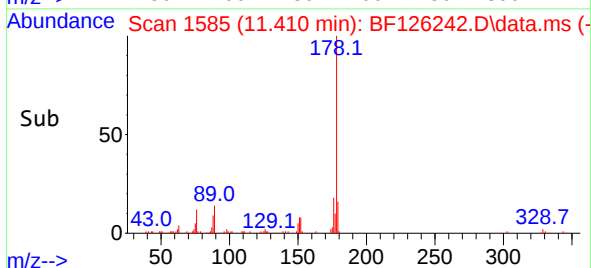
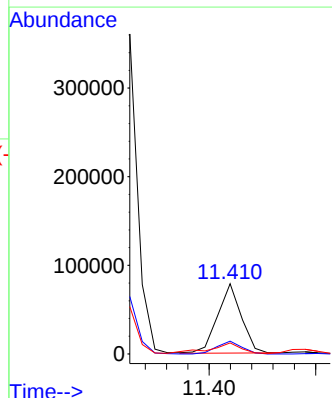
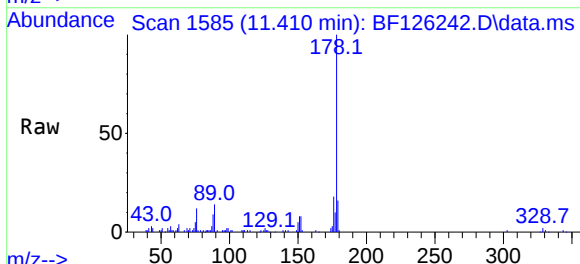
#71
Phenanthrene
Concen: 15.816 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

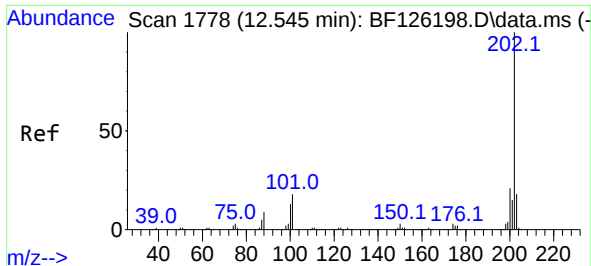
Tgt Ion:178 Resp: 332553
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 16.2 11.5 17.3



#72
Anthracene
Concen: 2.860 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

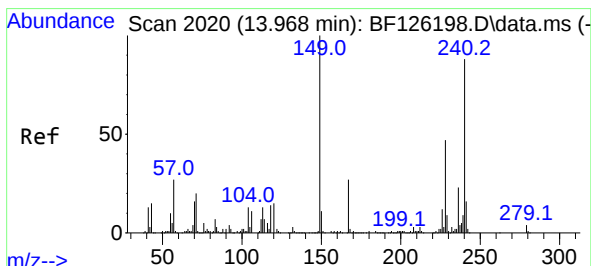
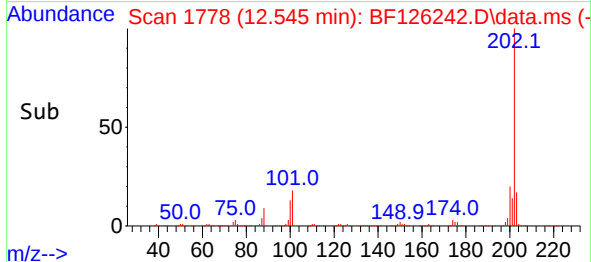
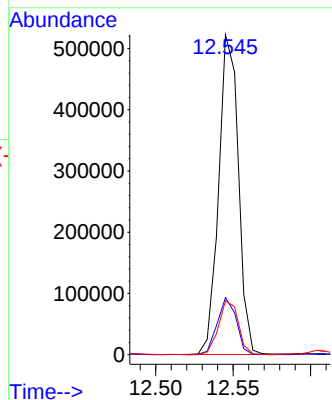
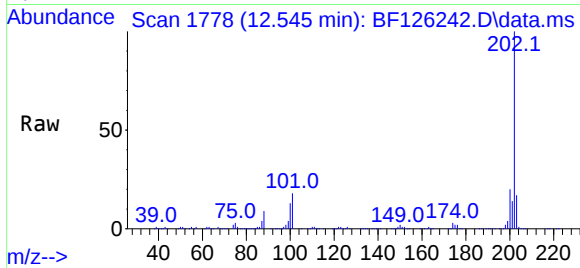
Tgt Ion:178 Resp: 60354
Ion Ratio Lower Upper
178 100
176 18.2 14.3 21.5
179 15.7 12.2 18.4





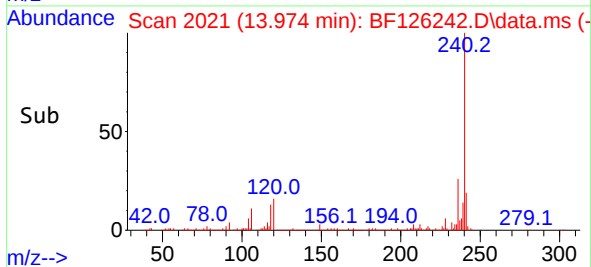
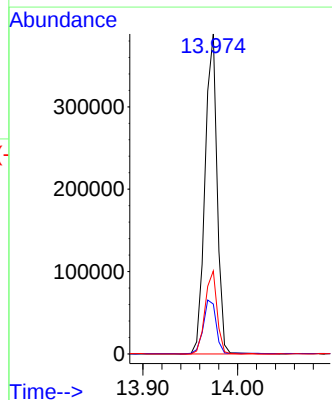
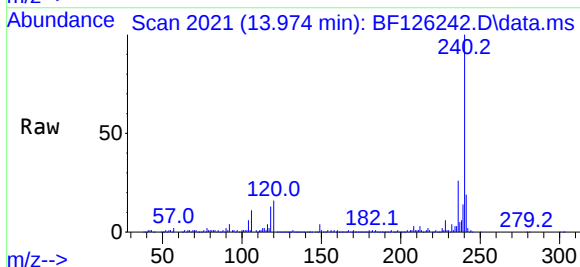
#75
Fluoranthene
Concen: 24.381 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

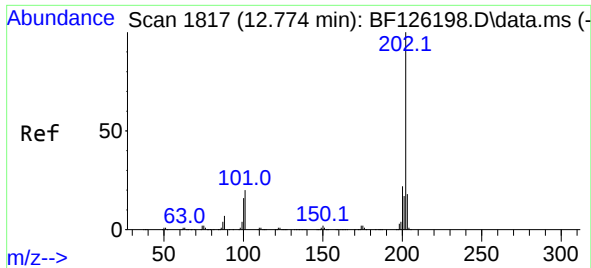
Tgt Ion:	202	Resp:	461896
Ion Ratio	Lower	Upper	
202	100		
101	17.9	0.0	30.7
203	16.9	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

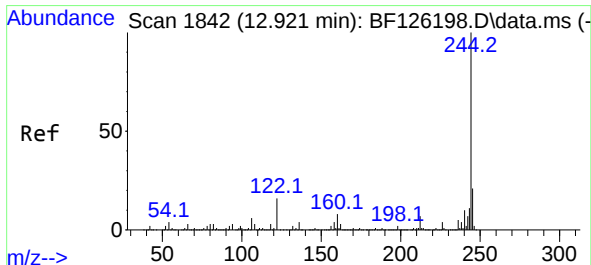
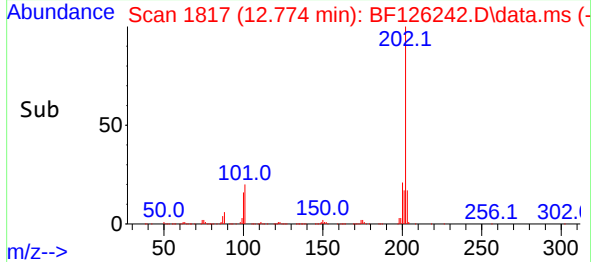
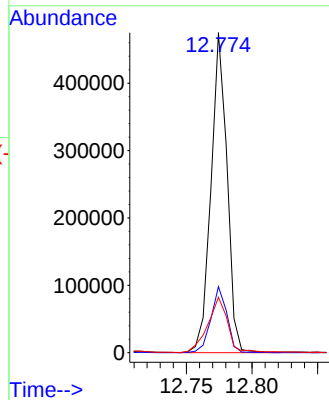
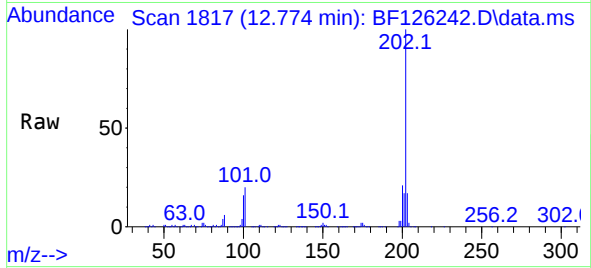
Tgt Ion:	240	Resp:	343975
Ion Ratio	Lower	Upper	
240	100		
120	15.6	10.8	16.2
236	25.9	21.6	32.4





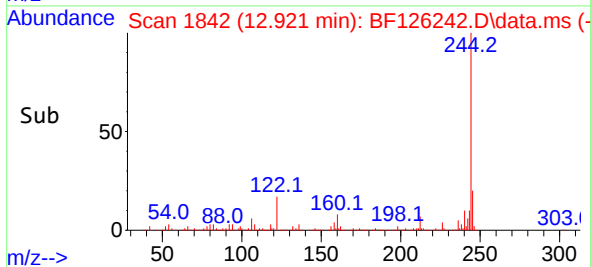
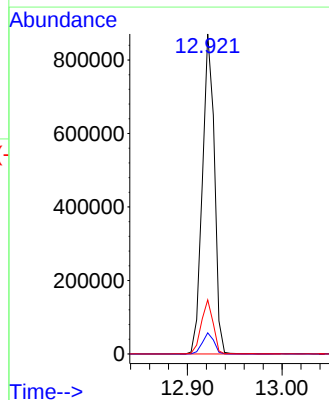
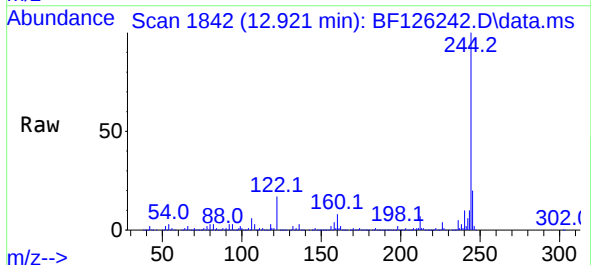
#78
Pyrene
Concen: 12.825 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

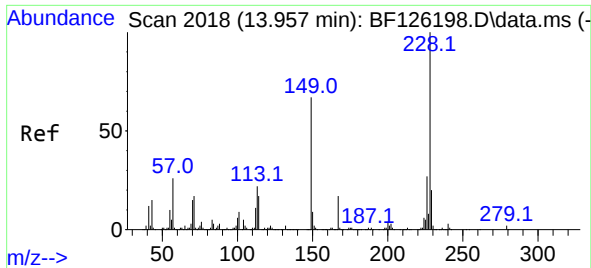
Tgt Ion:	202	Resp:	405305
Ion Ratio	Lower	Upper	
202	100		
200	20.7	15.3	22.9
203	17.3	13.4	20.0



#79
Terphenyl-d14
Concen: 38.966 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

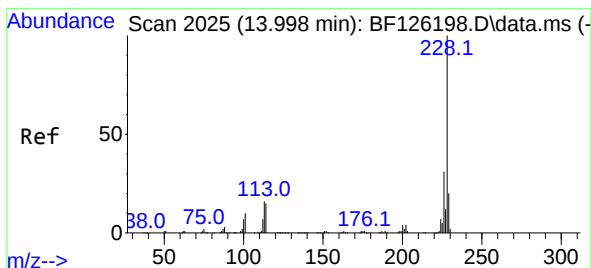
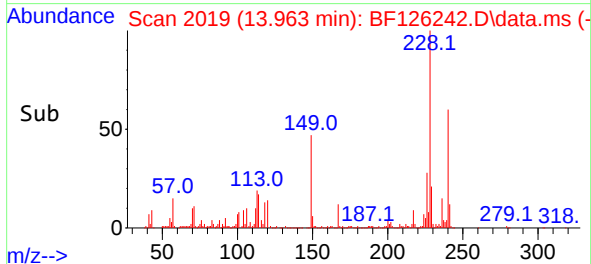
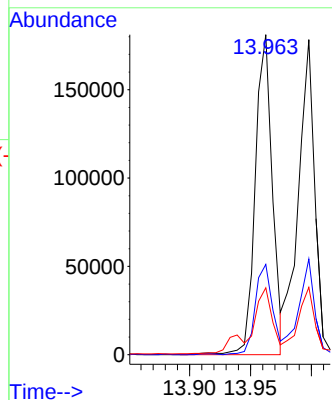
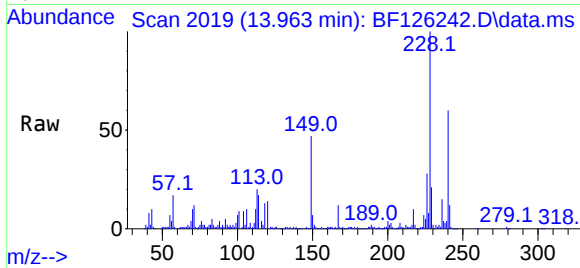
Tgt Ion:	244	Resp:	771140
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.9	8.9
122	16.9	9.0	13.4





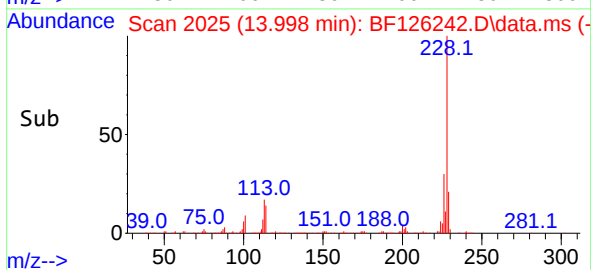
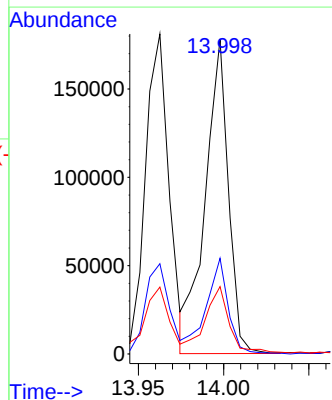
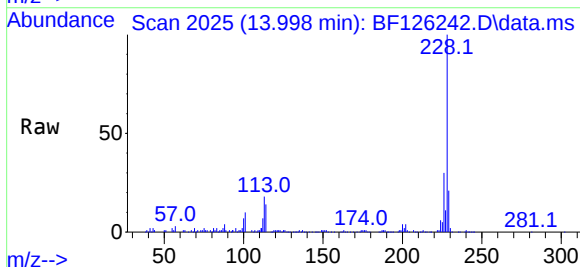
#81
Benzo(a)anthracene
Concen: 8.662 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

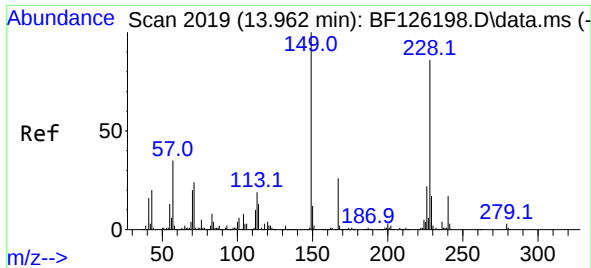
Tgt Ion:	228	Resp:	176494
Ion Ratio	Lower	Upper	
228	100		
226	28.2	21.6	32.4
229	20.9	15.6	23.4



#83
Chrysene
Concen: 7.949 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

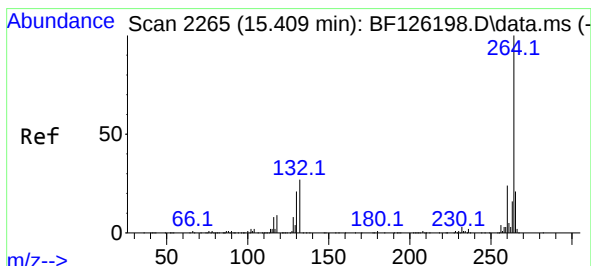
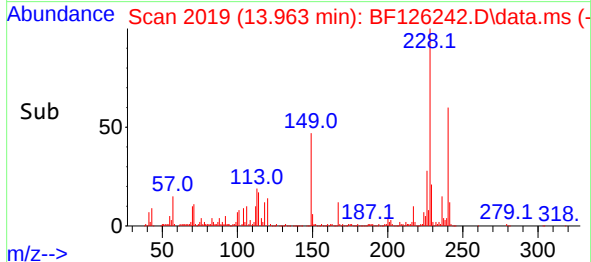
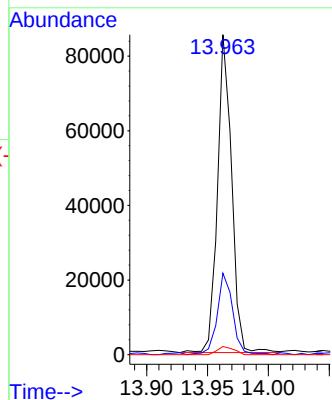
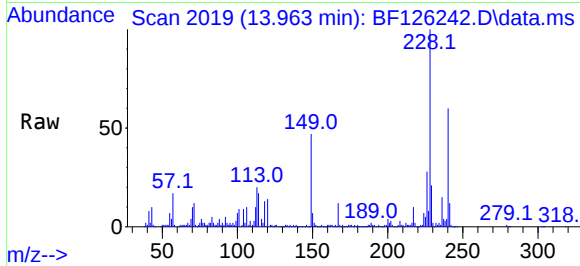
Tgt Ion:	228	Resp:	168269
Ion Ratio	Lower	Upper	
228	100		
226	30.4	22.6	34.0
229	21.4	15.9	23.9





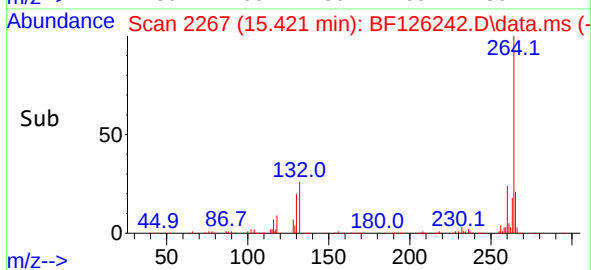
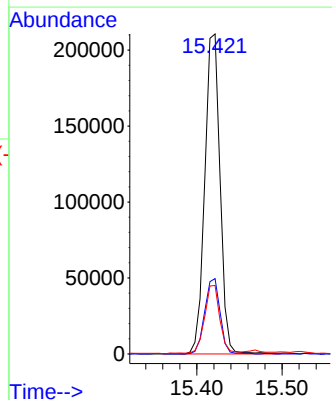
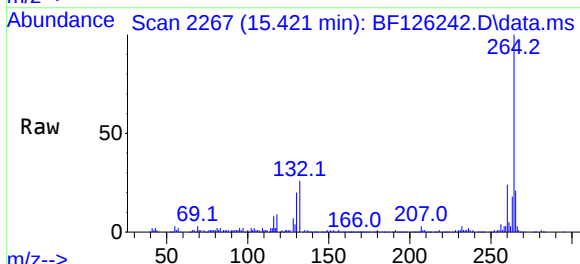
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.164 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

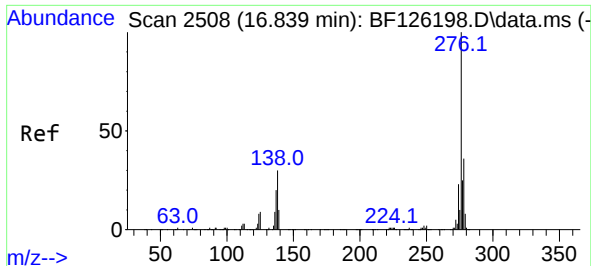
Tgt Ion:	149	Resp:	69197
Ion Ratio	Lower	Upper	
149	100		
167	25.5	21.4	32.0
279	2.6	2.6	4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

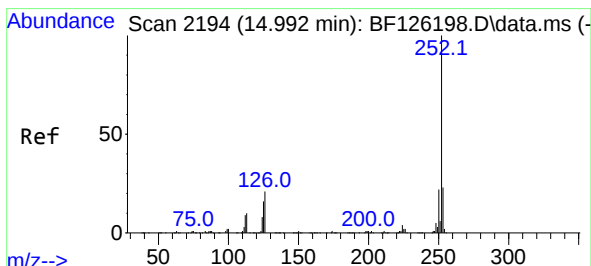
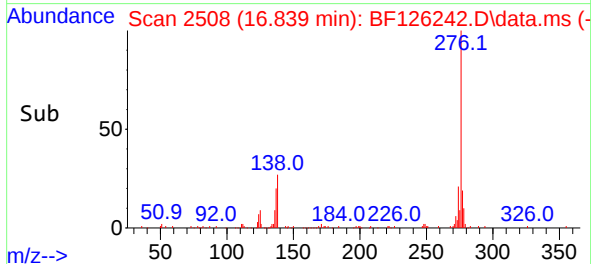
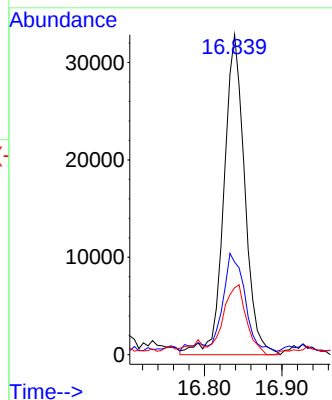
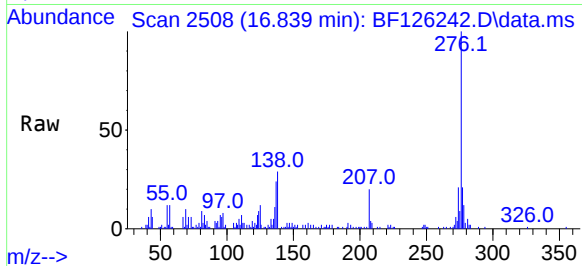
Tgt Ion:	264	Resp:	262423
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.6	29.4
265	21.4	17.2	25.8





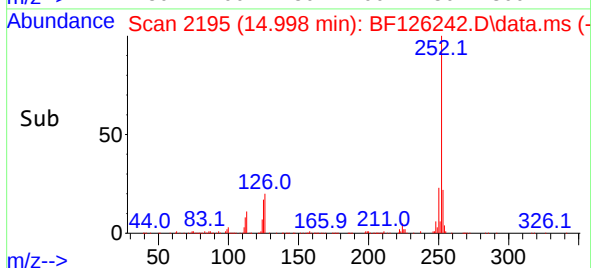
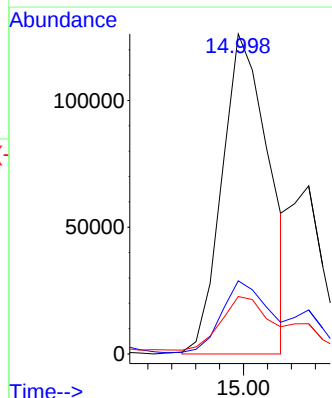
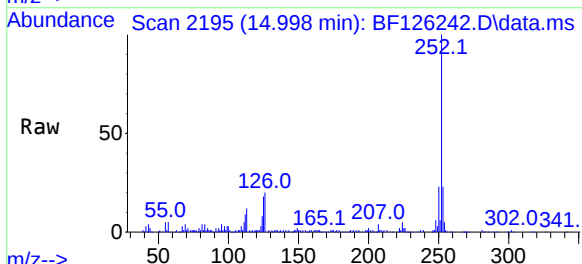
#87
Indeno(1,2,3-cd)pyrene
Concen: 3.512 ng
RT: 16.839 min Scan# 2508
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

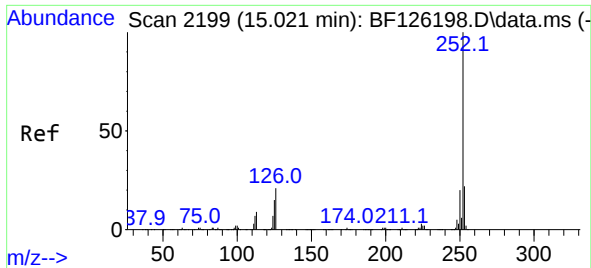
Tgt Ion:276 Resp: 61471
Ion Ratio Lower Upper
276 100
138 31.9 24.1 36.1
277 24.0 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 10.877 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

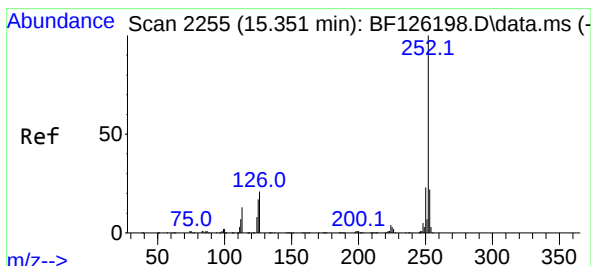
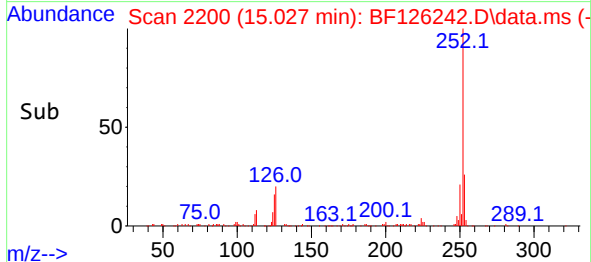
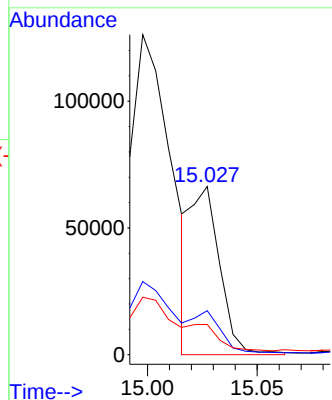
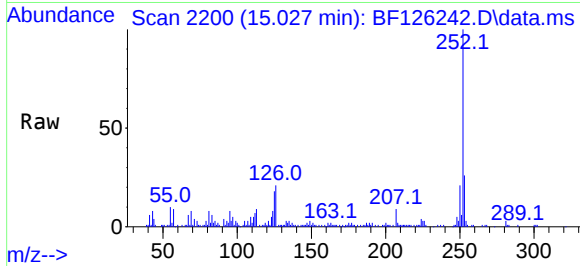
Tgt Ion:252 Resp: 171507
Ion Ratio Lower Upper
252 100
253 22.8 16.8 25.2
125 18.0 9.8 14.8#





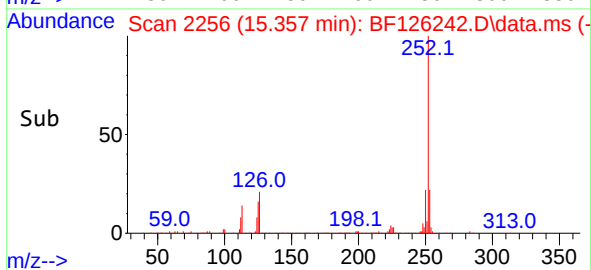
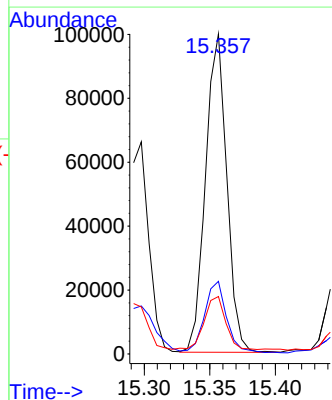
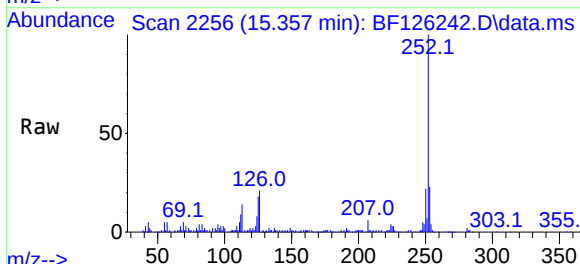
#89
Benzo(k)fluoranthene
Concen: 4.055 ng m
RT: 15.027 min Scan# 2200
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

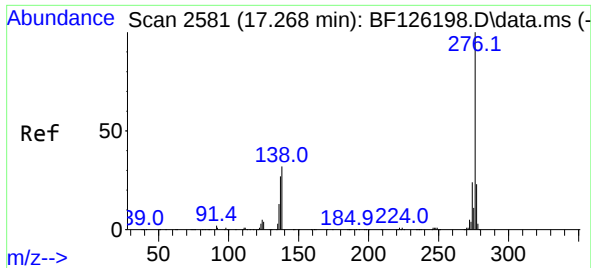
Tgt Ion:252 Resp: 61158
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 17.9 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 8.584 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:252 Resp: 112493
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 17.9 9.9 14.9#





#92
Benzo(g,h,i)perylene
Concen: 3.813 ng
RT: 17.268 min Scan# 2581
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:	276	Resp:	56132
Ion	Ratio	Lower	Upper
276	100		
277	24.1	22.0	33.0
138	32.2	22.2	33.4

