

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126229.D
 Acq On : 17 Dec 2021 11:50
 Operator : JU/CG
 Sample : M5083-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 17 12:15:30 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

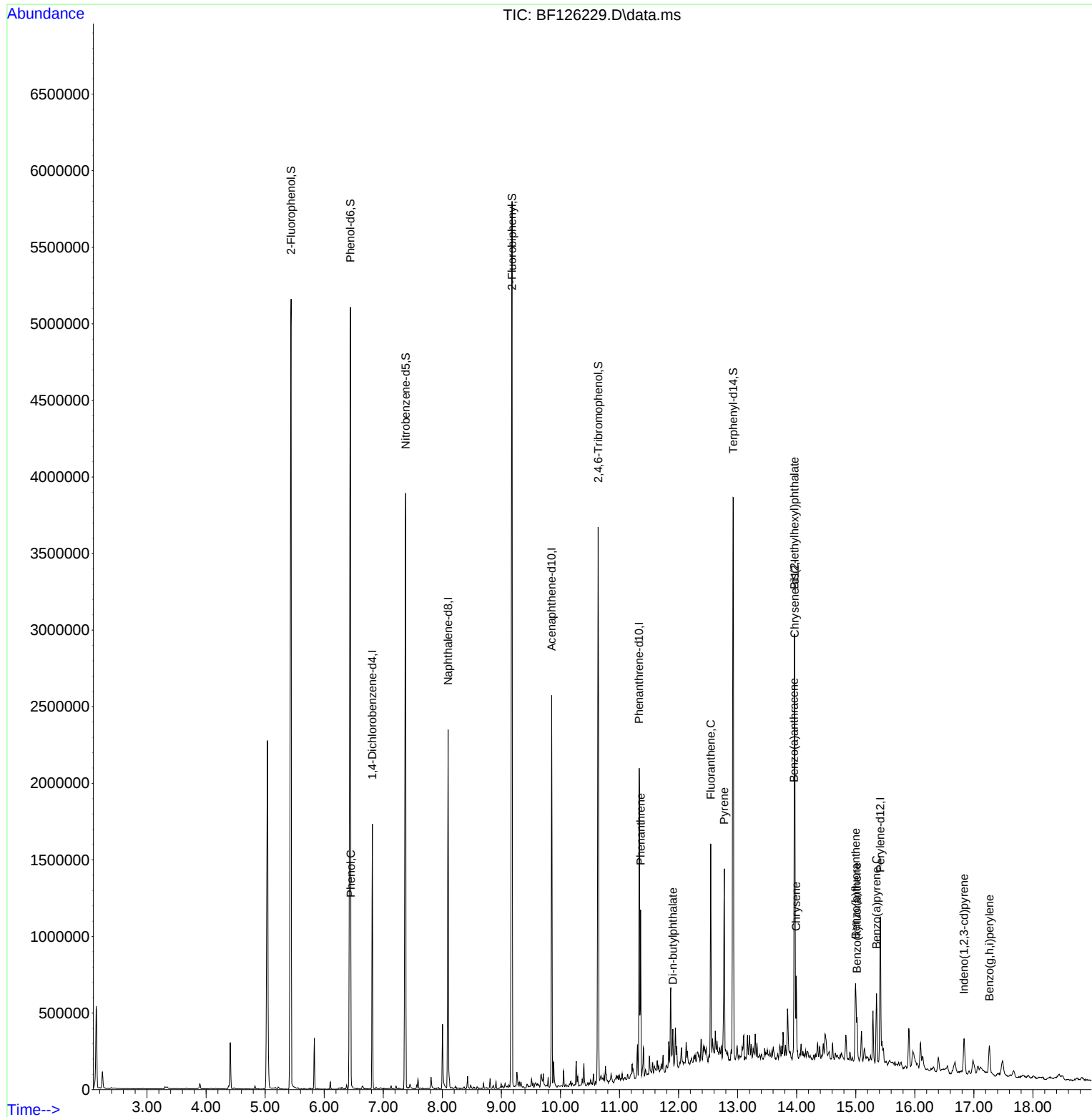
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	233112	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	1021748	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	479186	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	716742	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	340878	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	381068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1825593	115.329	ng	0.02
7) Phenol-d6	6.445	99	2324859	115.668	ng	0.00
23) Nitrobenzene-d5	7.380	82	1561135	82.750	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	449459	116.714	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1945971	71.225	ng	0.00
79) Terphenyl-d14	12.927	244	1356028	69.143	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	45530	2.018	ng	98
71) Phenanthrene	11.357	178	335287	9.063	ng	98
74) Di-n-butylphthalate	11.904	149	91401	2.062	ng	99
75) Fluoranthene	12.545	202	492766	14.784	ng	91
78) Pyrene	12.774	202	458462	14.639	ng	98
81) Benzo(a)anthracene	13.957	228	183298	9.078	ng	95
83) Chrysene	13.992	228	187817	8.953	ng	96
84) Bis(2-ethylhexyl)phtha...	13.962	149	436333	26.495	ng	# 99
87) Indeno(1,2,3-cd)pyrene	16.833	276	135915	5.347	ng	97
88) Benzo(b)fluoranthene	14.998	252	277565m	12.123	ng	
89) Benzo(k)fluoranthene	15.021	252	80334m	3.668	ng	
90) Benzo(a)pyrene	15.351	252	195807	10.289	ng	# 95
92) Benzo(g,h,i)perylene	17.262	276	131299	6.142	ng	93

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

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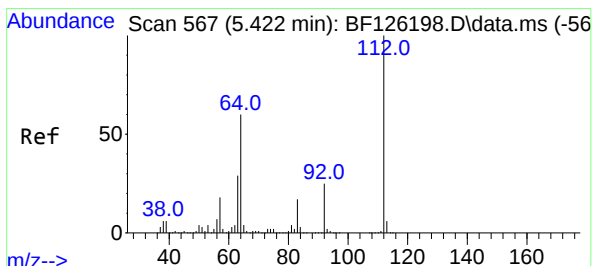
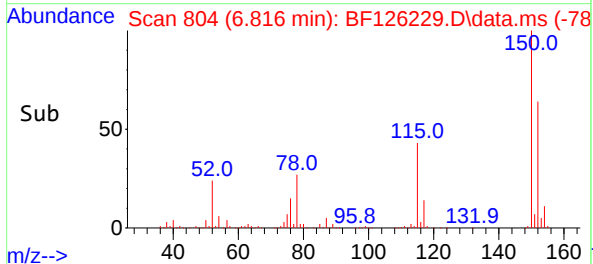
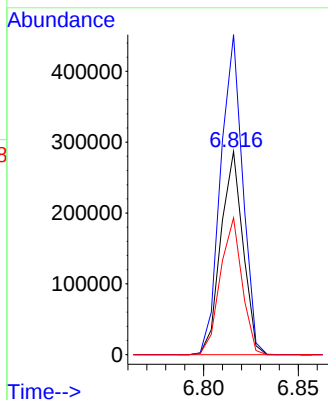
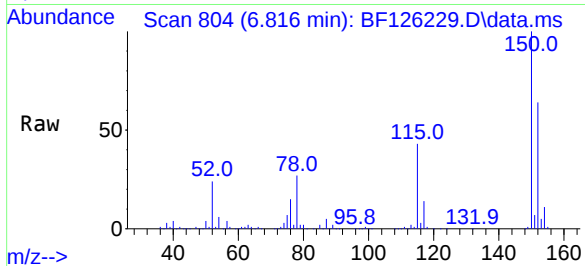
Quant Time: Dec 17 12:15:30 2021
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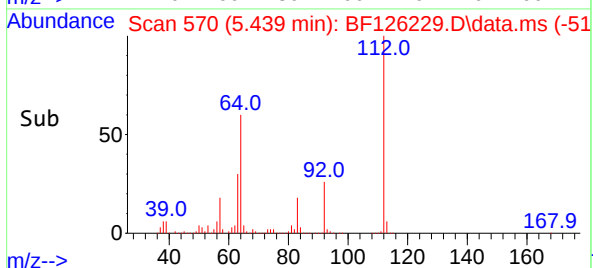
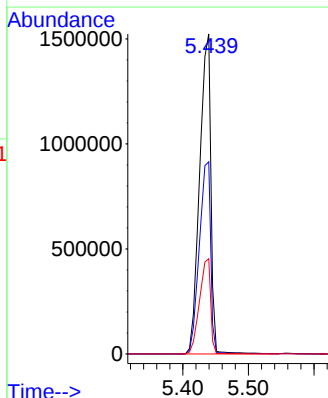
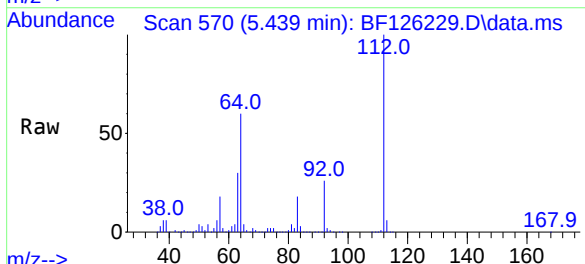
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

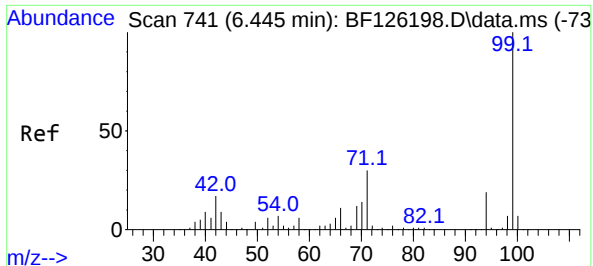
Tgt Ion:152 Resp: 233112
Ion Ratio Lower Upper
152 100
150 157.5 117.6 176.4
115 67.3 47.1 70.7



#5
2-Fluorophenol
Concen: 115.329 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

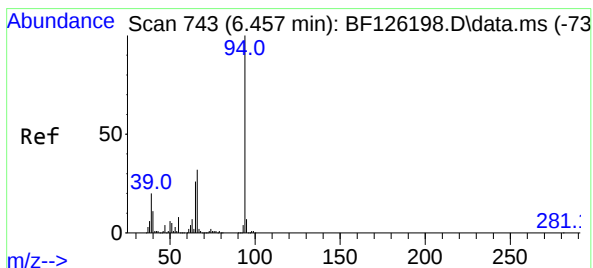
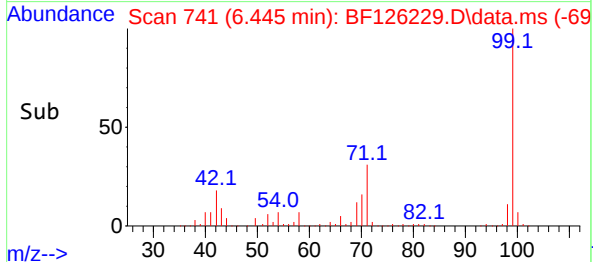
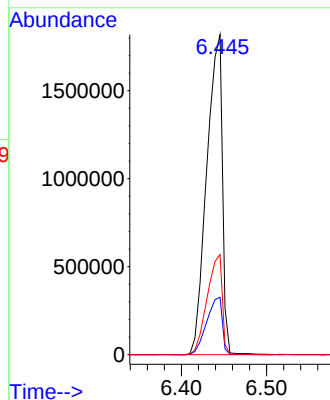
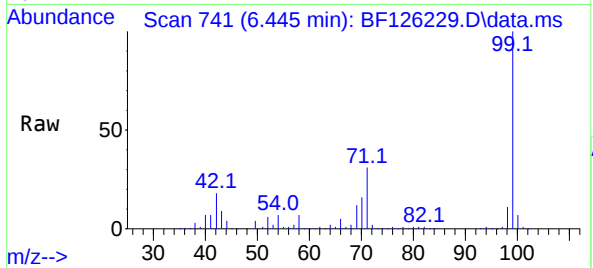
Tgt Ion:112 Resp: 1825593
Ion Ratio Lower Upper
112 100
64 60.1 44.2 66.2
63 29.7 26.2 39.2





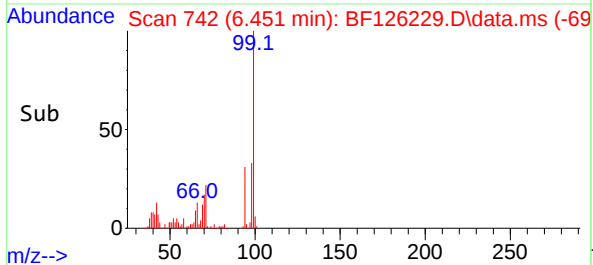
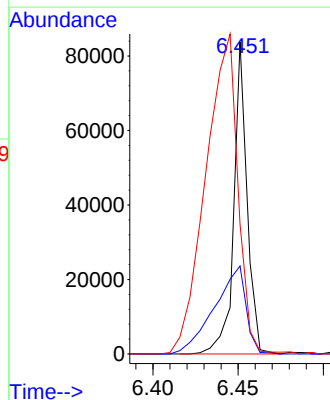
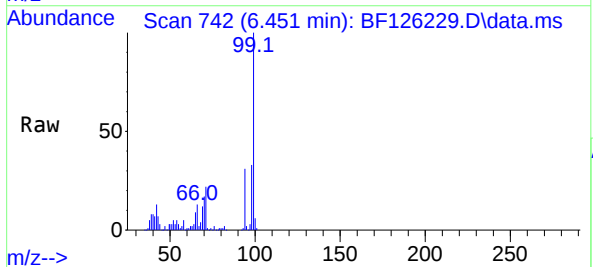
#7
Phenol-d6
Concen: 115.668 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

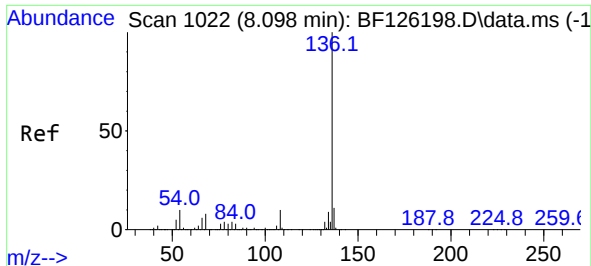
Tgt Ion: 99 Resp: 2324859
Ion Ratio Lower Upper
99 100
42 18.0 23.5 35.3#
71 31.3 25.6 38.4



#10
Phenol
Concen: 2.018 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion: 94 Resp: 45530
Ion Ratio Lower Upper
94 100
65 28.2 9.3 49.3
66 41.6 20.3 60.3

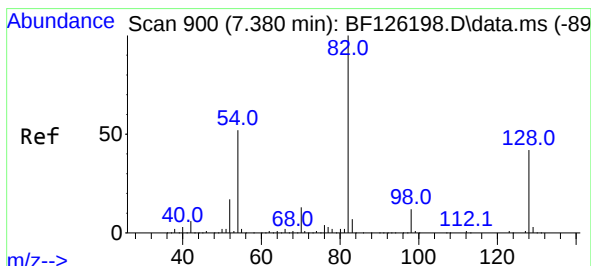
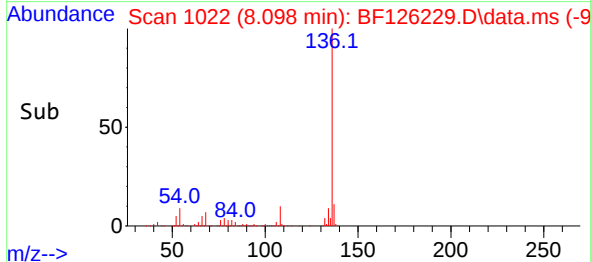
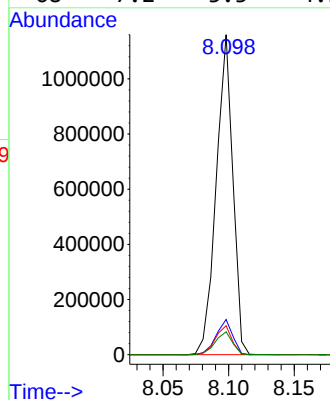
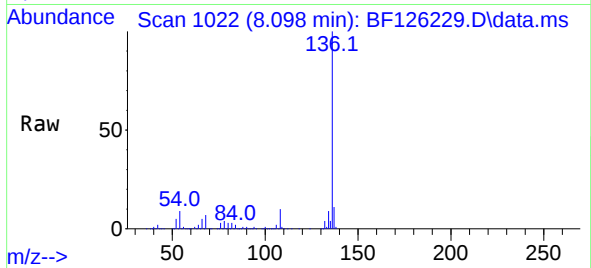




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion:136 Resp: 1021748

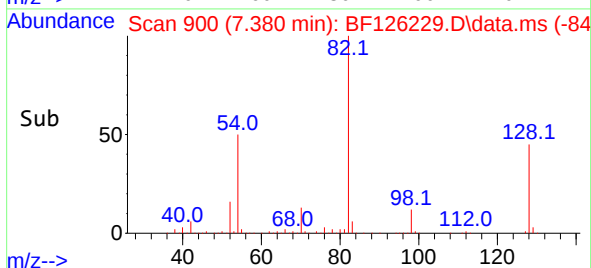
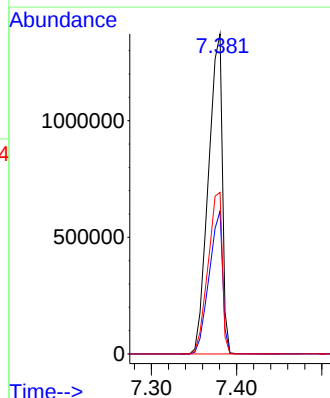
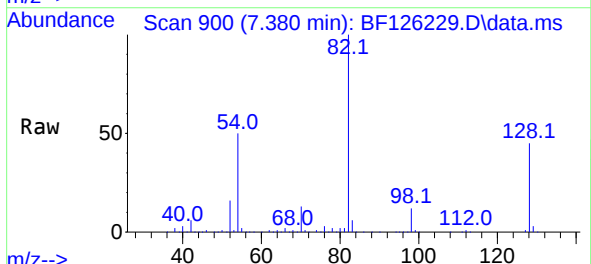
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.1	6.4	9.6
68	7.2	3.3	4.9

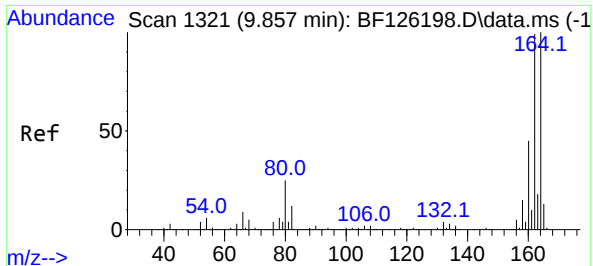


#23
Nitrobenzene-d5
Concen: 82.750 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion: 82 Resp: 1561135

Ion	Ratio	Lower	Upper
82	100		
128	44.6	40.6	60.8
54	50.5	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: BF126229.D

Acq: 17 Dec 2021 11:50

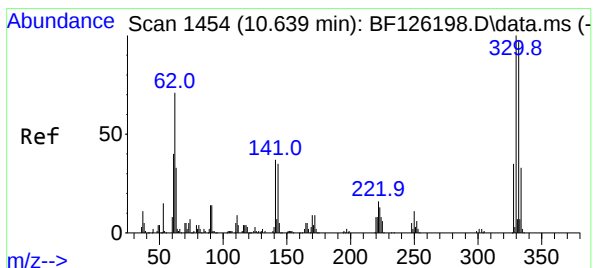
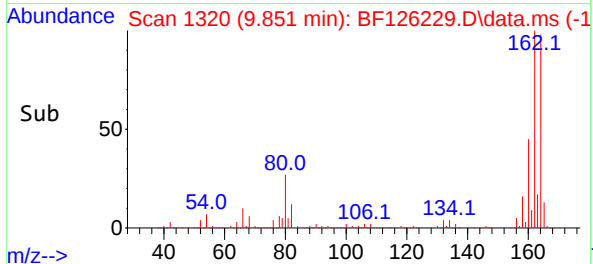
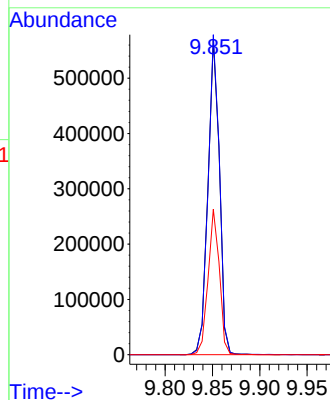
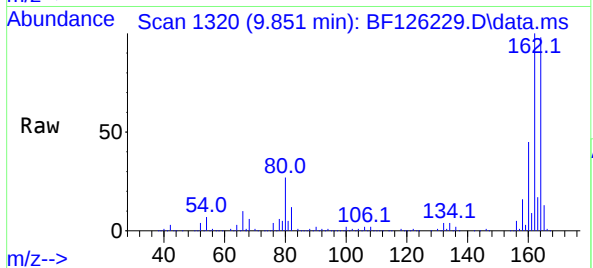
Tgt Ion:164 Resp: 479186

Ion Ratio Lower Upper

164 100

162 101.7 81.3 121.9

160 46.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 116.714 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126229.D

Acq: 17 Dec 2021 11:50

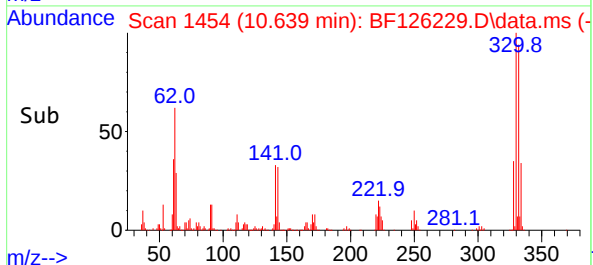
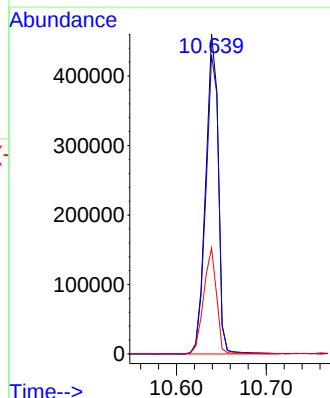
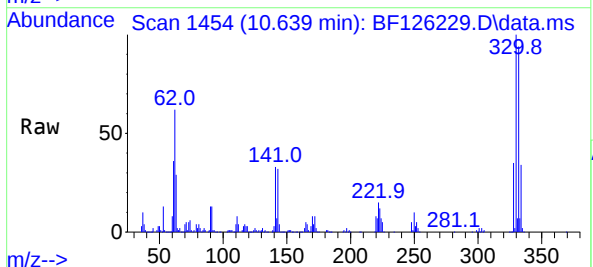
Tgt Ion:330 Resp: 449459

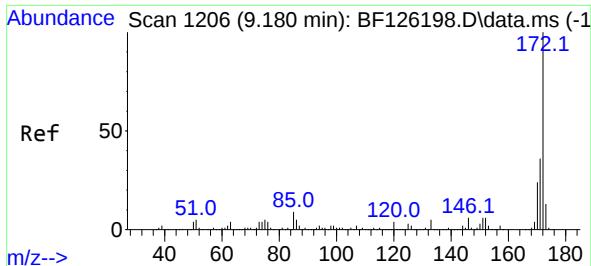
Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 34.1 44.6 66.8#

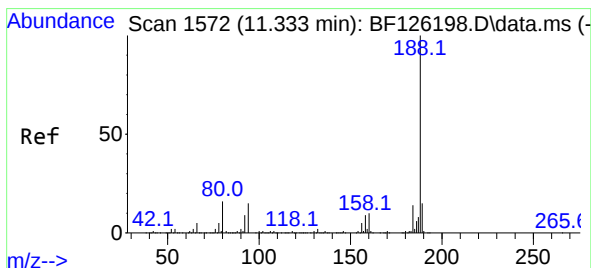
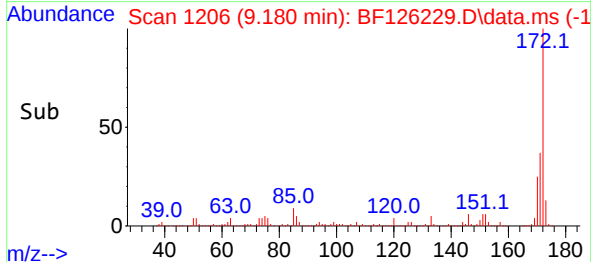
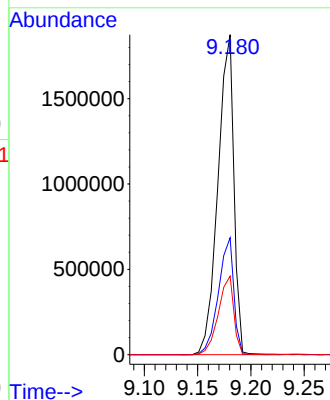
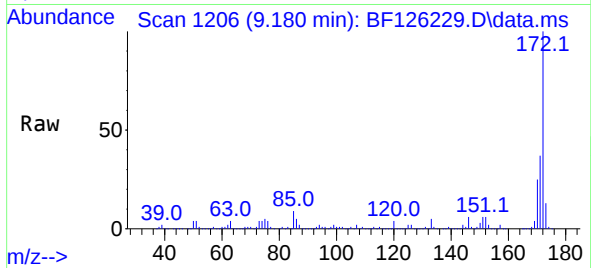




#45
2-Fluorobiphenyl
Concen: 71.225 ng
RT: 9.180 min Scan# 1206
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion:172 Resp: 1945971

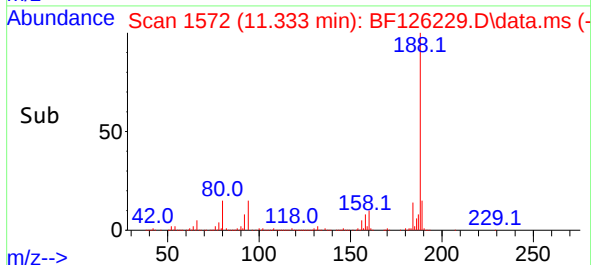
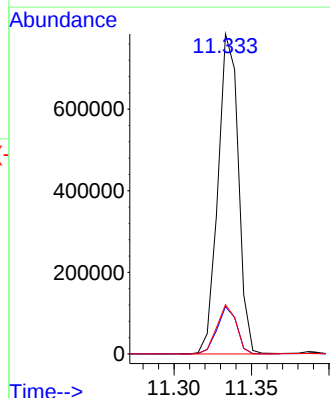
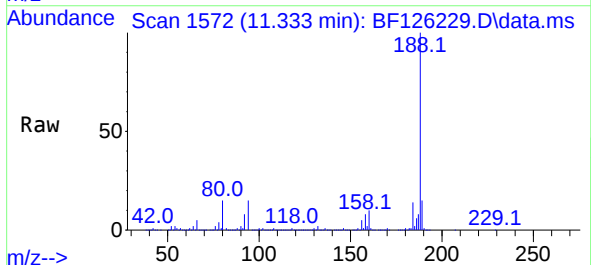
Ion	Ratio	Lower	Upper
172	100		
171	36.6	26.5	39.7
170	24.5	18.8	28.2

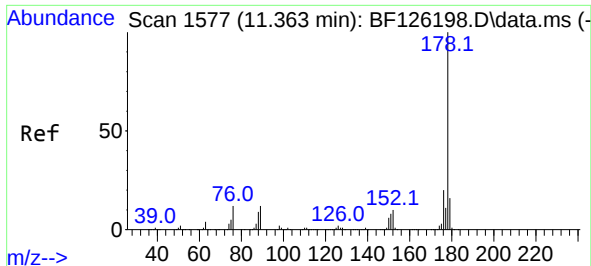


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion:188 Resp: 716742

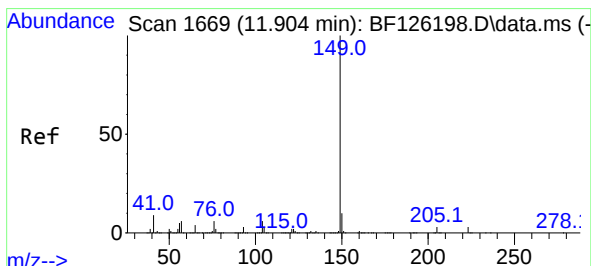
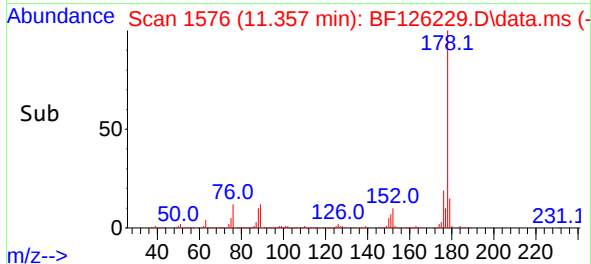
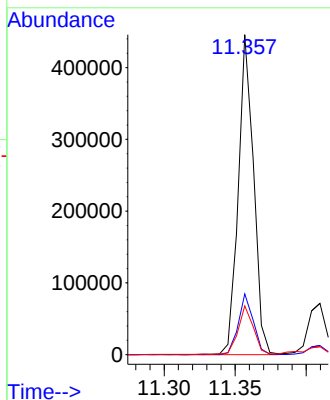
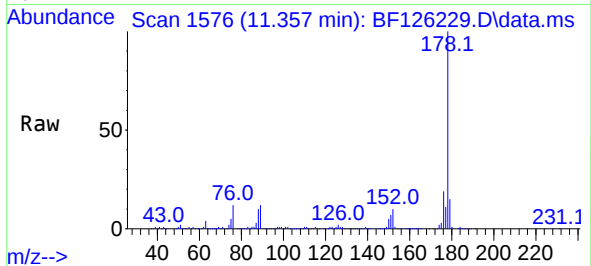
Ion	Ratio	Lower	Upper
188	100		
94	14.8	6.7	10.1#
80	15.4	7.5	11.3#





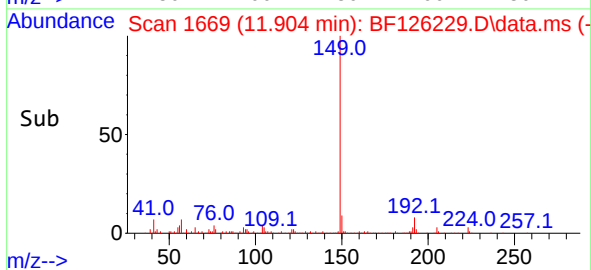
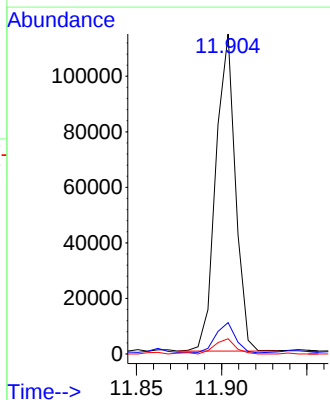
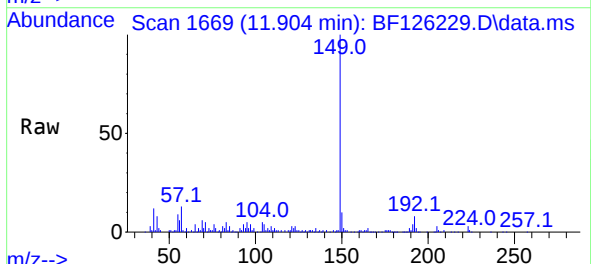
#71
Phenanthrene
Concen: 9.063 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

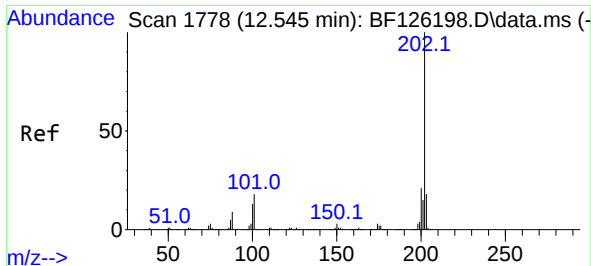
Tgt Ion:178 Resp: 335287
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.2 11.5 17.3



#74
Di-n-butylphthalate
Concen: 2.062 ng
RT: 11.904 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

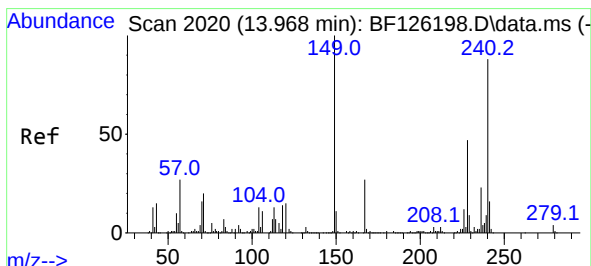
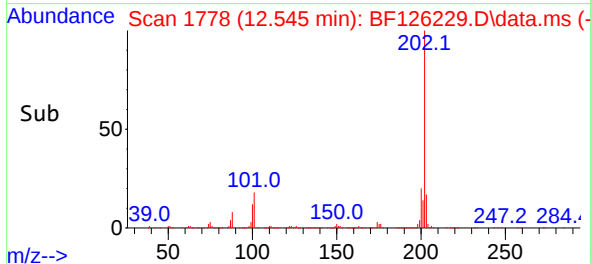
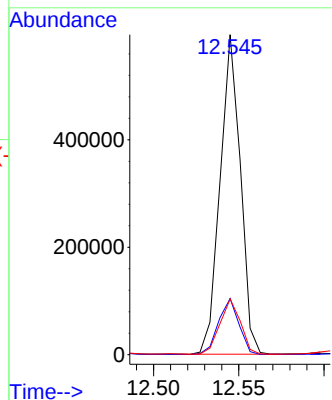
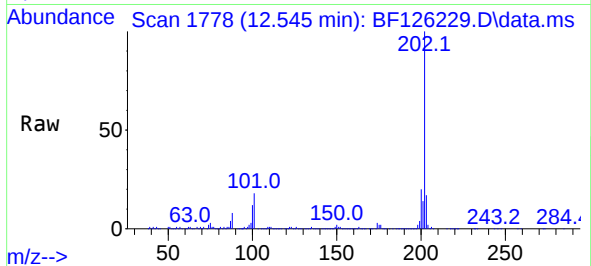
Tgt Ion:149 Resp: 91401
Ion Ratio Lower Upper
149 100
150 9.8 7.4 11.2
104 4.8 4.1 6.1





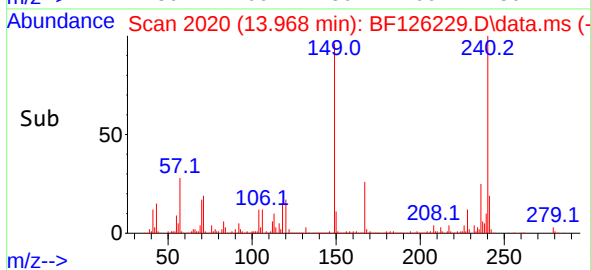
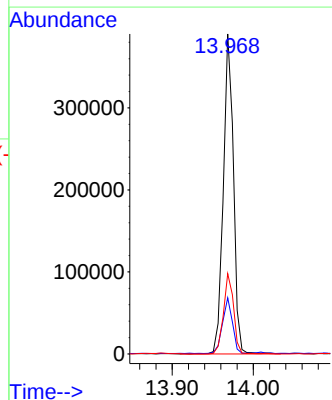
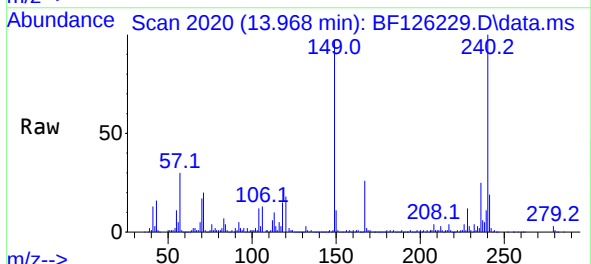
#75
Fluoranthene
Concen: 14.784 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

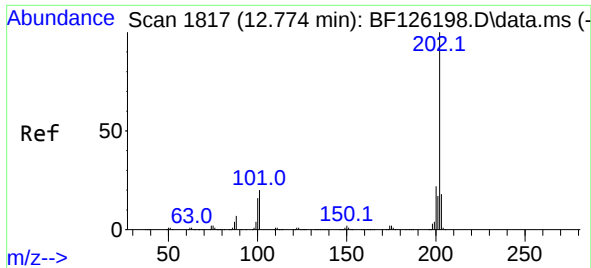
Tgt Ion:	202	Resp:	492766
Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	30.7
203	17.4	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

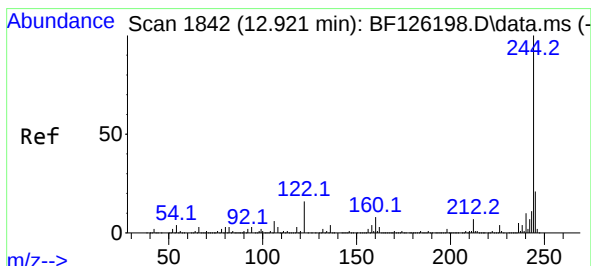
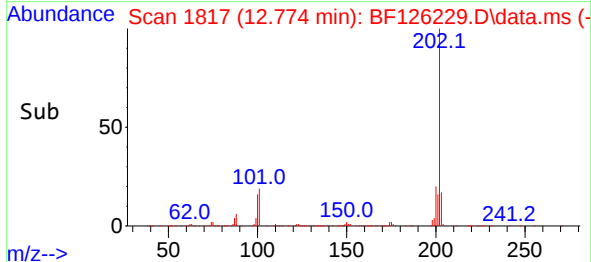
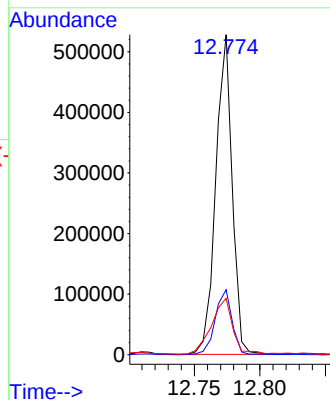
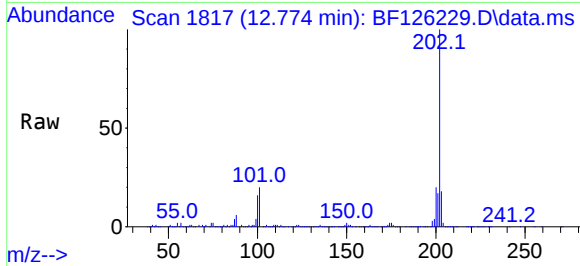
Tgt Ion:	240	Resp:	340878
Ion	Ratio	Lower	Upper
240	100		
120	17.6	10.8	16.2#
236	25.1	21.6	32.4





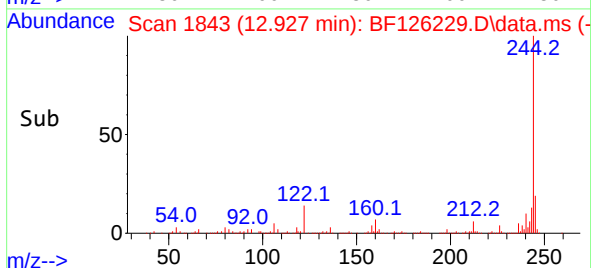
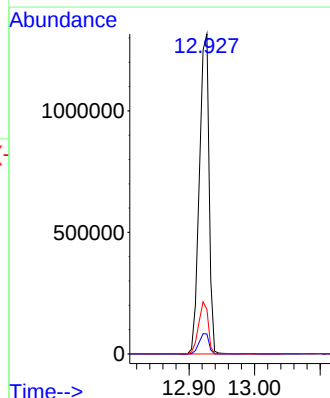
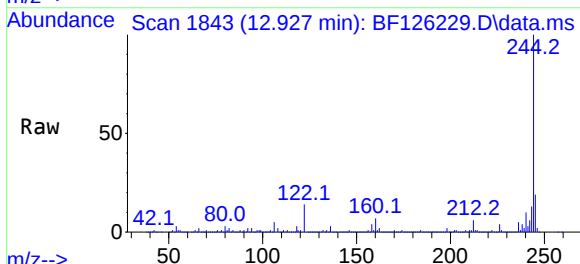
#78
Pyrene
Concen: 14.639 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

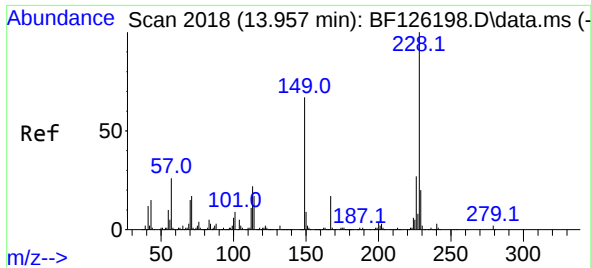
Tgt Ion:202	Resp:	458462
Ion Ratio	Lower	Upper
202	100	
200	20.3	15.3 22.9
203	17.6	13.4 20.0



#79
Terphenyl-d14
Concen: 69.143 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

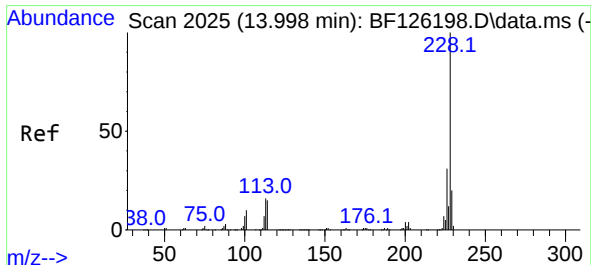
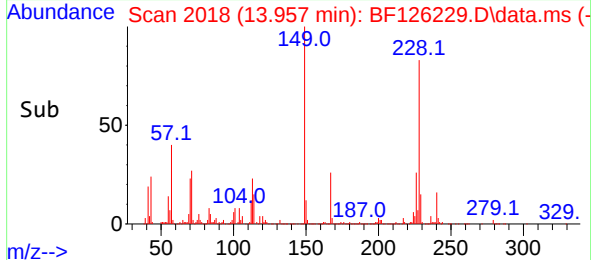
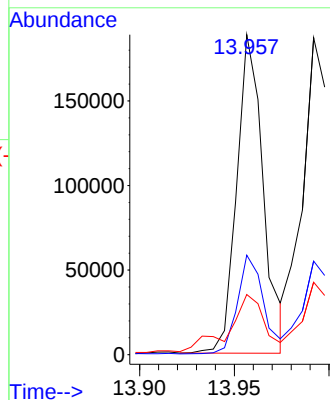
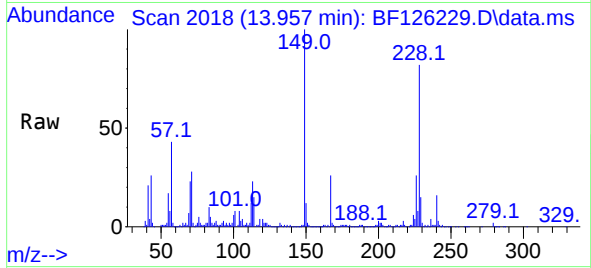
Tgt Ion:244	Resp:	1356028
Ion Ratio	Lower	Upper
244	100	
212	6.2	5.9 8.9
122	13.9	9.0 13.4





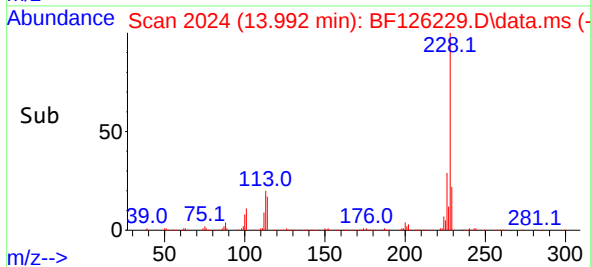
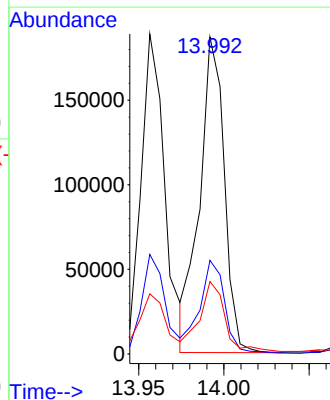
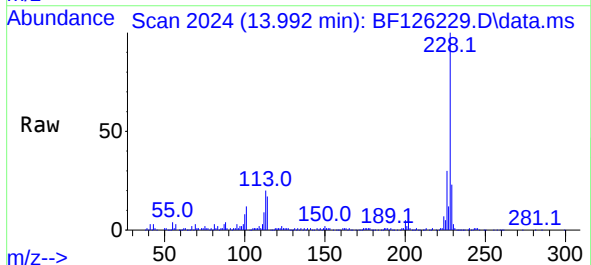
#81
Benzo(a)anthracene
Concen: 9.078 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

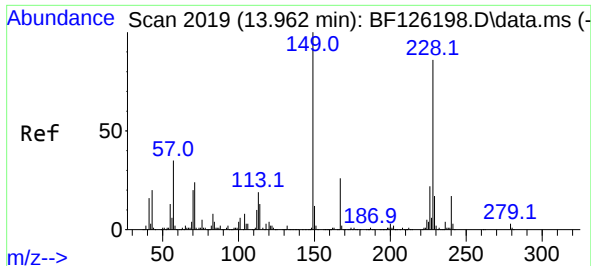
Tgt Ion:228 Resp: 183298
Ion Ratio Lower Upper
228 100
226 31.1 21.6 32.4
229 18.8 15.6 23.4



#83
Chrysene
Concen: 8.953 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

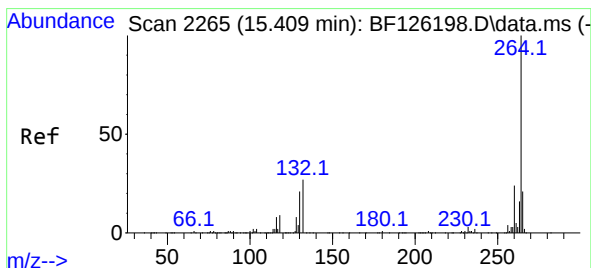
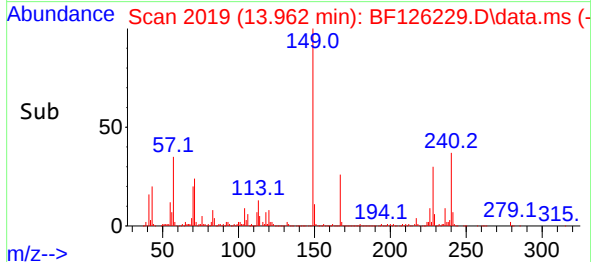
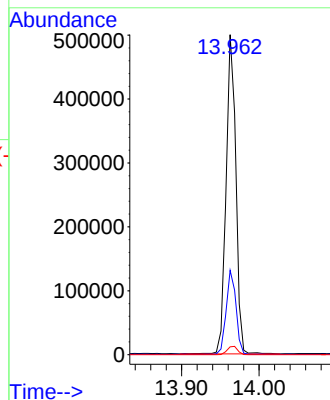
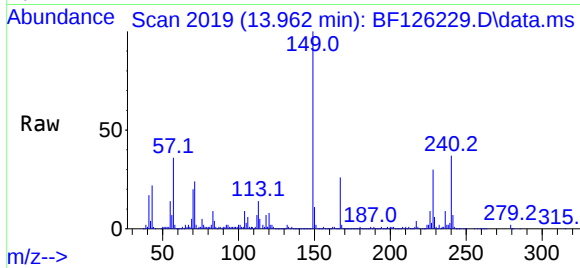
Tgt Ion:228 Resp: 187817
Ion Ratio Lower Upper
228 100
226 29.5 22.6 34.0
229 22.9 15.9 23.9





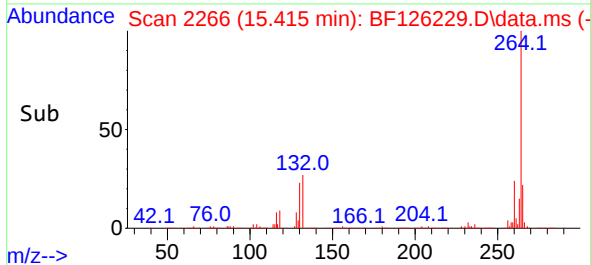
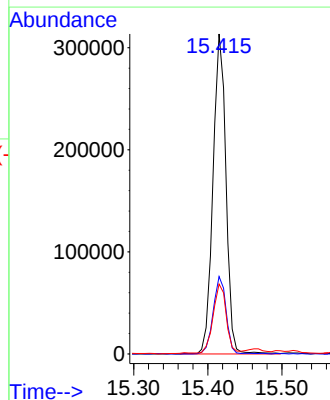
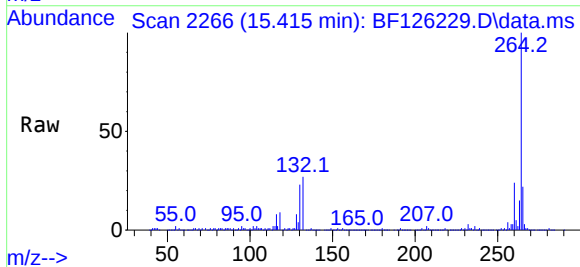
#84
Bis(2-ethylhexyl)phthalate
Concen: 26.495 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

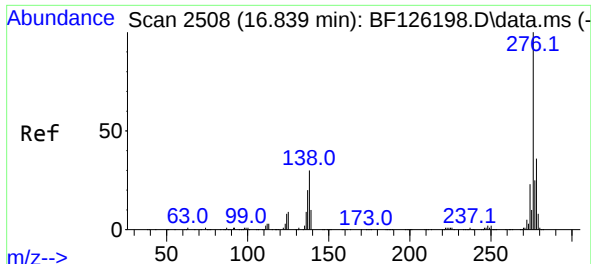
Tgt Ion:149 Resp: 436333
Ion Ratio Lower Upper
149 100
167 26.3 21.4 32.0
279 2.5 2.6 4.0#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. 0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

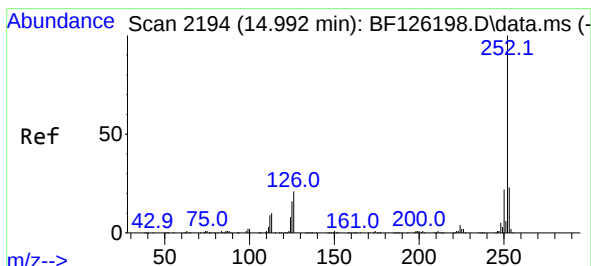
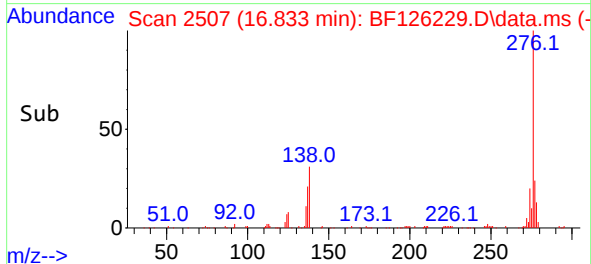
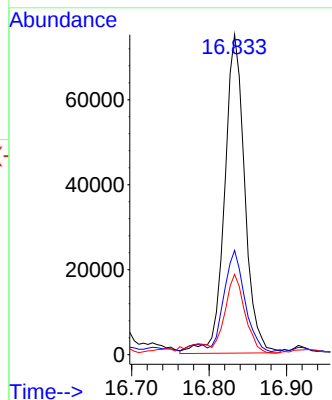
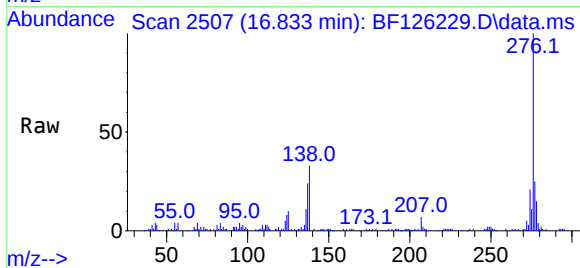
Tgt Ion:264 Resp: 381068
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 21.9 17.2 25.8





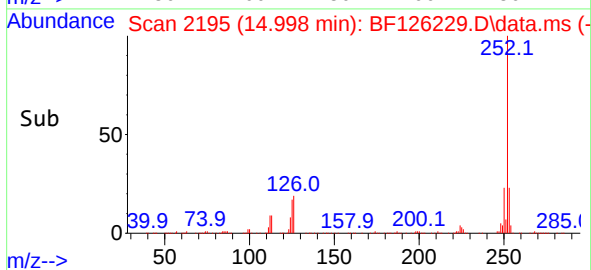
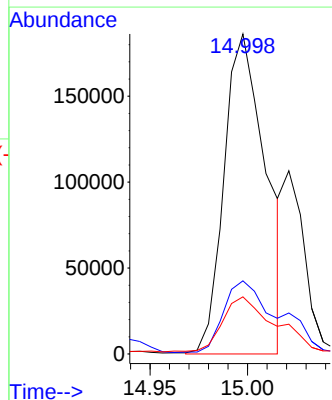
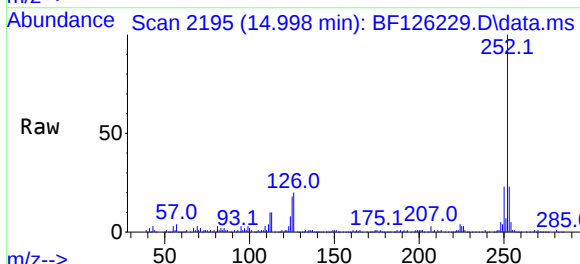
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.347 ng
RT: 16.833 min Scan# 2507
Delta R.T. -0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

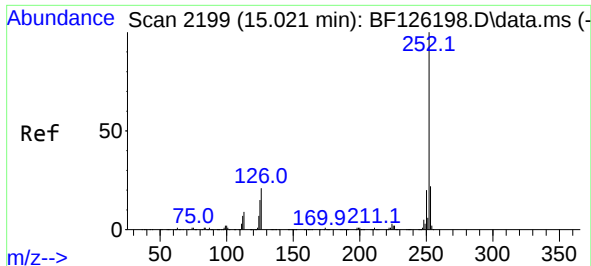
Tgt Ion:	276	Resp:	135915
Ion Ratio	Lower	Upper	
276	100		
138	32.5	24.1	36.1
277	24.6	18.8	28.2



#88
Benzo(b)fluoranthene
Concen: 12.123 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

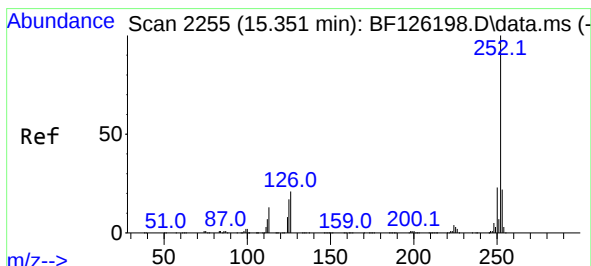
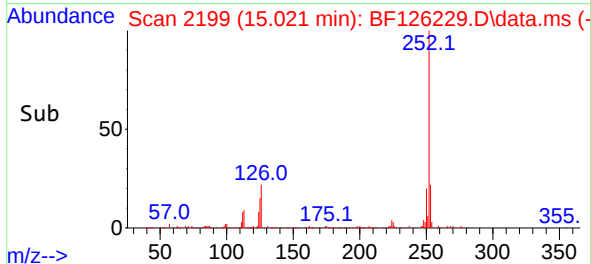
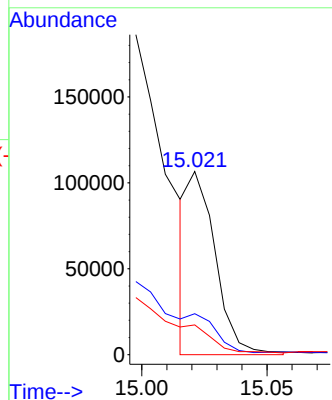
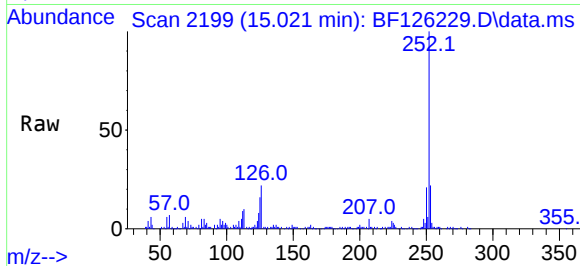
Tgt Ion:	252	Resp:	277565
Ion Ratio	Lower	Upper	
252	100		
253	22.8	16.8	25.2
125	17.8	9.8	14.8#





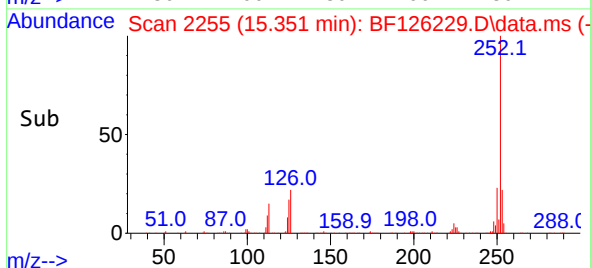
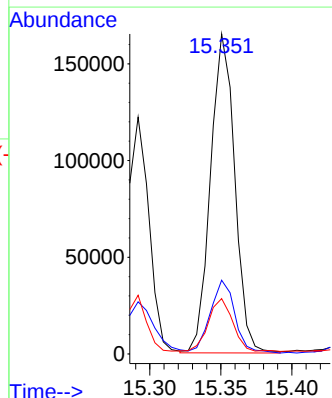
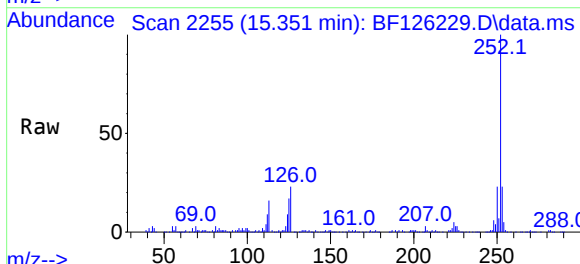
#89
Benzo(k)fluoranthene
Concen: 3.668 ng m
RT: 15.021 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

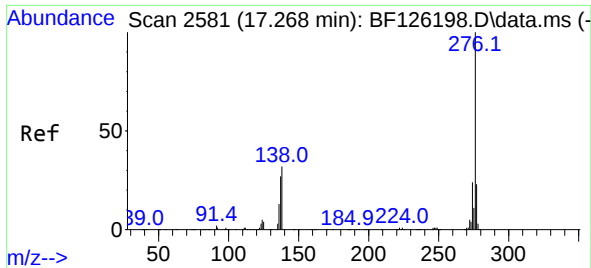
Tgt Ion:252 Resp: 80334
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 16.3 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 10.289 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.000 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion:252 Resp: 195807
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 17.3 9.9 14.9#





#92
Benzo(g,h,i)perylene
Concen: 6.142 ng
RT: 17.262 min Scan# 2580
Delta R.T. -0.006 min
Lab File: BF126229.D
Acq: 17 Dec 2021 11:50

Tgt Ion:	276	Resp:	131299
Ion	Ratio	Lower	Upper
276	100		
277	25.1	22.0	33.0
138	32.7	22.2	33.4

