

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126244.D
 Acq On : 17 Dec 2021 20:03
 Operator : JU/CG
 Sample : M5078-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Dec 18 03:38:53 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

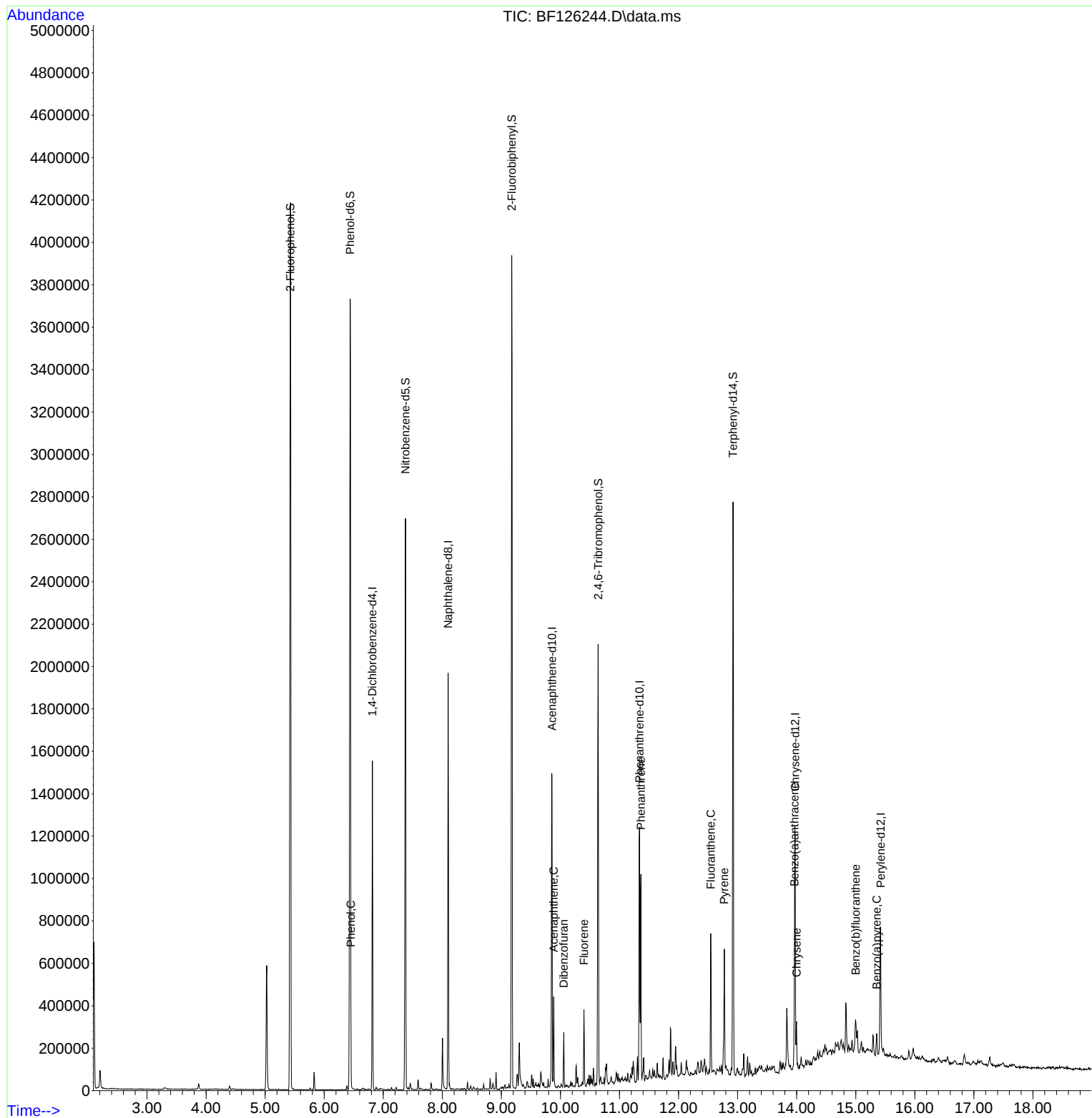
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

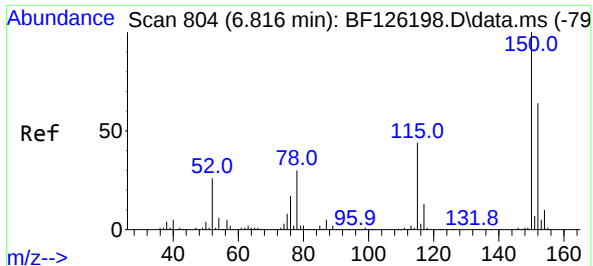
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201400	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	776016	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	312956	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	431675	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	346421	20.000	ng	0.00
86) Perylene-d12	15.421	264	248117	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1293511	94.582	ng	0.00
7) Phenol-d6	6.439	99	1597288	91.983	ng	0.00
23) Nitrobenzene-d5	7.375	82	999708	69.771	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	216267	85.989	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1183226	66.311	ng	0.00
79) Terphenyl-d14	12.921	244	859907	43.145	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.451	94	40839	2.095	ng	91
52) Acenaphthene	9.886	154	77506	4.492	ng	99
55) Dibenzofuran	10.057	168	76116	3.240	ng	96
58) Fluorene	10.398	166	85146	5.007	ng	98
71) Phenanthrene	11.363	178	348439	15.639	ng	100
75) Fluoranthene	12.545	202	234211	11.667	ng	90
78) Pyrene	12.774	202	202433	6.361	ng	97
81) Benzo(a)anthracene	13.963	228	78734	3.837	ng	94
83) Chrysene	13.998	228	80022	3.753	ng	96
88) Benzo(b)fluoranthene	14.998	252	84350m	5.658	ng	
90) Benzo(a)pyrene	15.357	252	48519	3.916	ng	# 95

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

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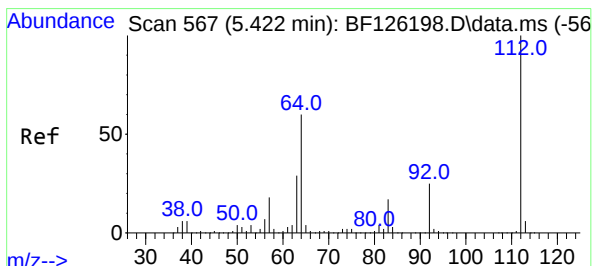
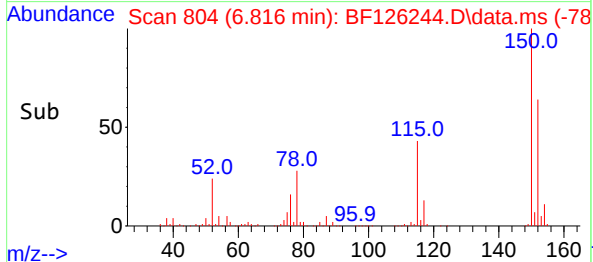
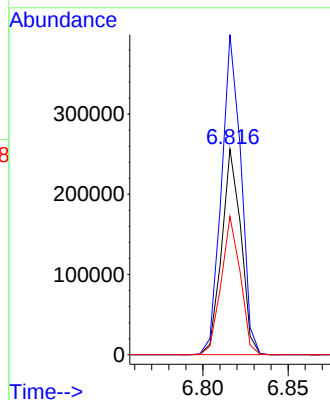
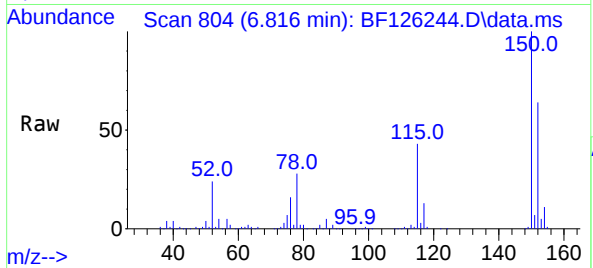
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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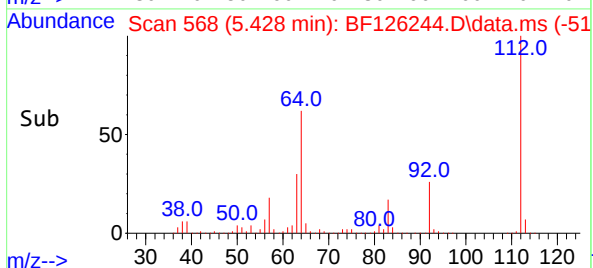
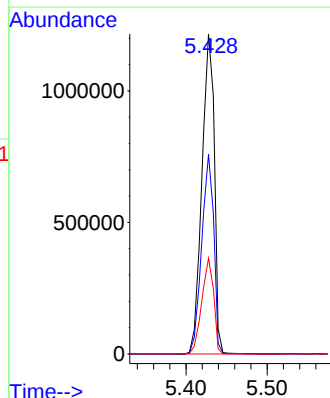
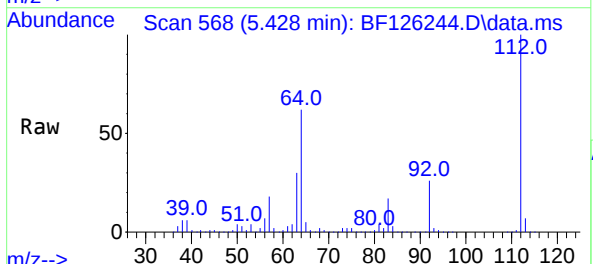
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

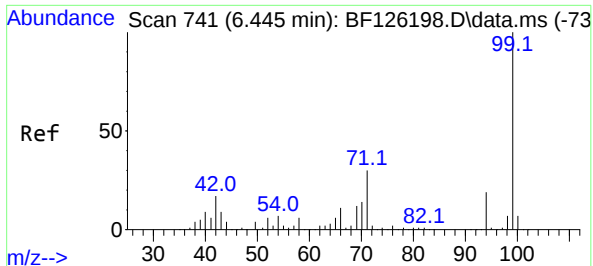
Tgt Ion:152 Resp: 201400
Ion Ratio Lower Upper
152 100
150 155.7 117.6 176.4
115 67.3 47.1 70.7



#5
2-Fluorophenol
Concen: 94.582 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:112 Resp: 1293511
Ion Ratio Lower Upper
112 100
64 62.4 44.2 66.2
63 30.0 26.2 39.2

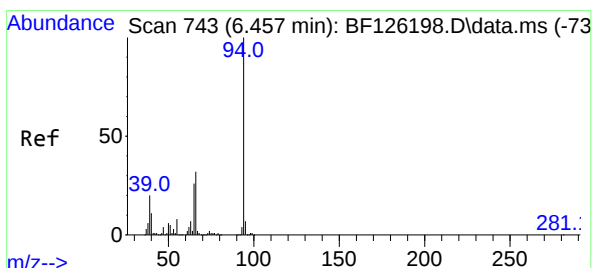
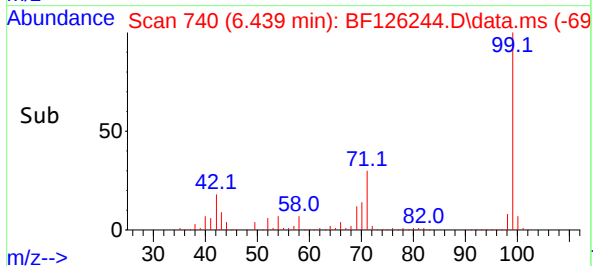
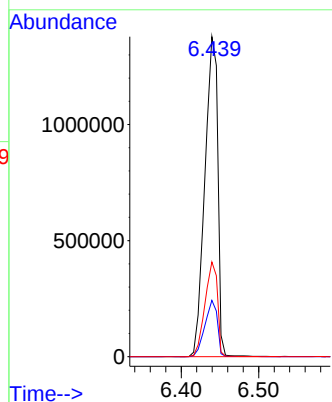
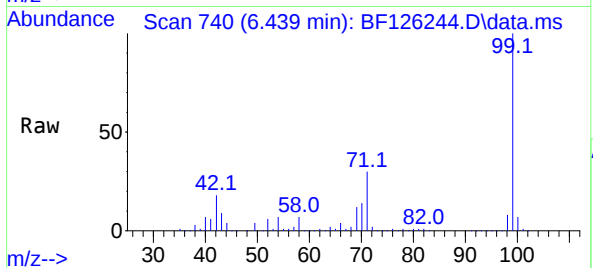




#7
Phenol-d6
Concen: 91.983 ng
RT: 6.439 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion: 99 Resp: 1597288

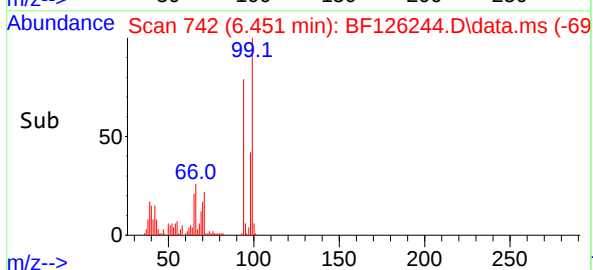
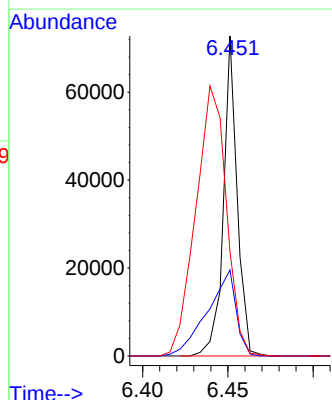
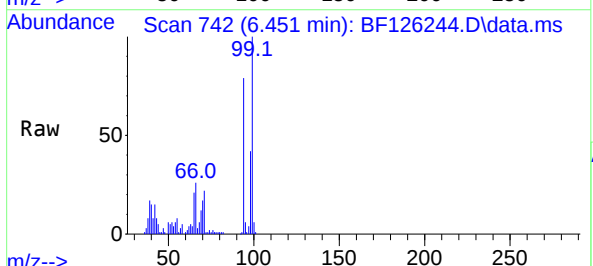
Ion	Ratio	Lower	Upper
99	100		
42	17.6	23.5	35.3#
71	29.6	25.6	38.4

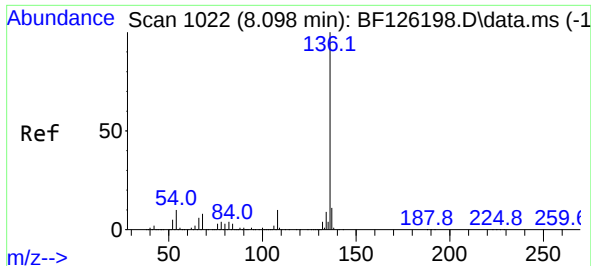


#10
Phenol
Concen: 2.095 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion: 94 Resp: 40839

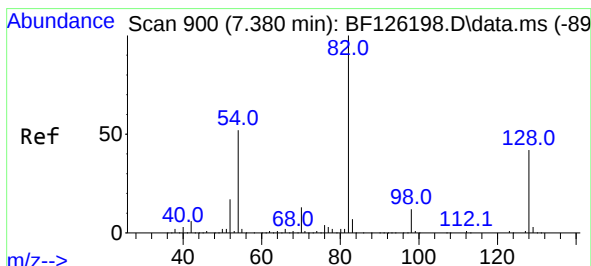
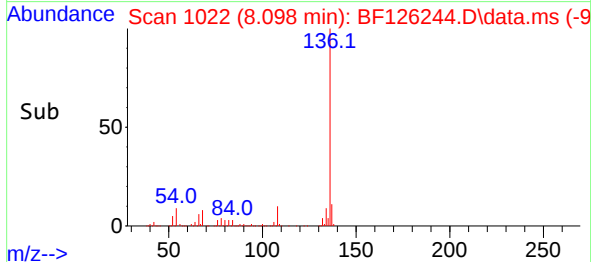
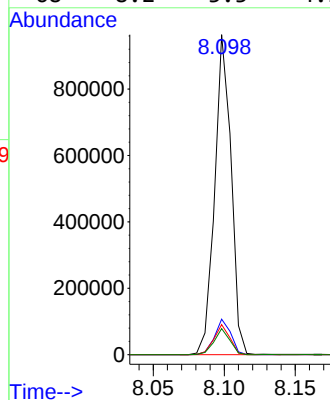
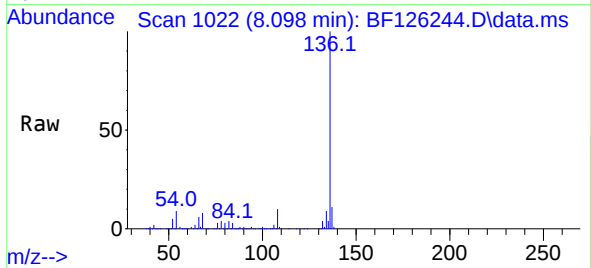
Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.3	49.3
66	32.7	20.3	60.3





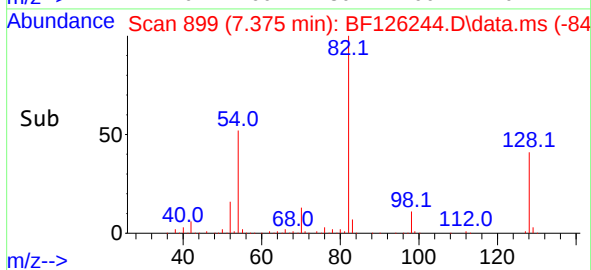
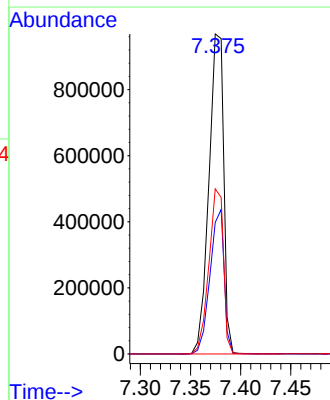
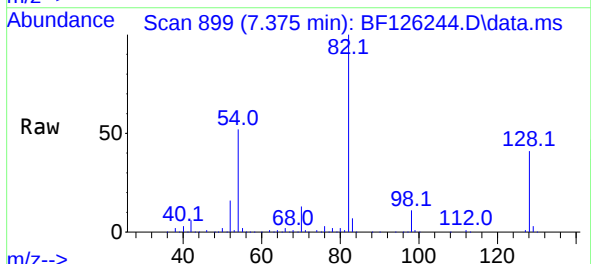
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

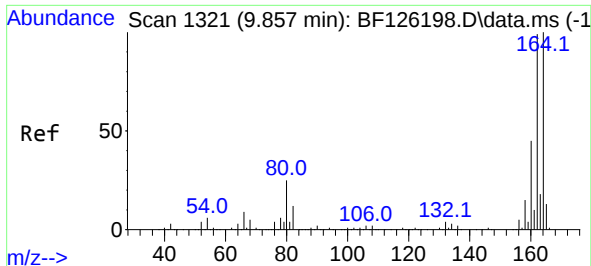
Tgt Ion:136	Resp:	776016	
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.8	14.6
54	9.4	6.4	9.6
68	8.2	3.3	4.9#



#23
Nitrobenzene-d5
Concen: 69.771 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion: 82	Resp: 999708
Ion Ratio	Lower Upper
82 100	
128 41.1	40.6 60.8
54 51.6	49.6 74.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. 0.000 min

Lab File: BF126244.D

Acq: 17 Dec 2021 20:03

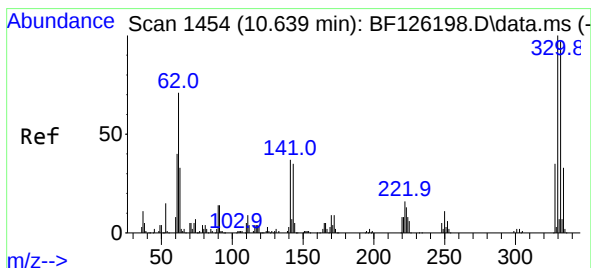
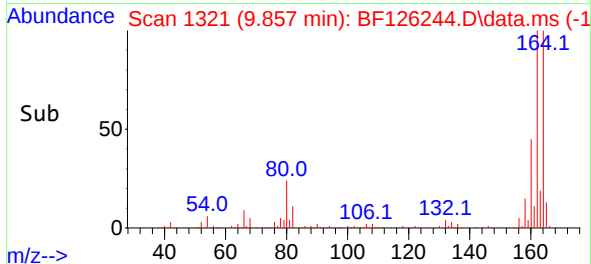
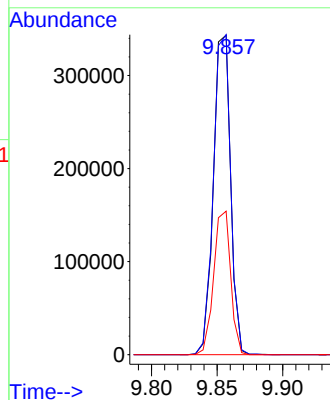
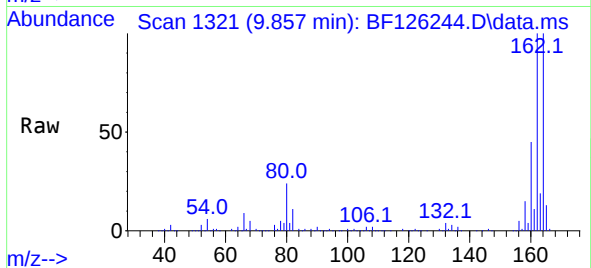
Tgt Ion:164 Resp: 312956

Ion Ratio Lower Upper

164 100

162 100.1 81.3 121.9

160 44.9 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 85.989 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

Lab File: BF126244.D

Acq: 17 Dec 2021 20:03

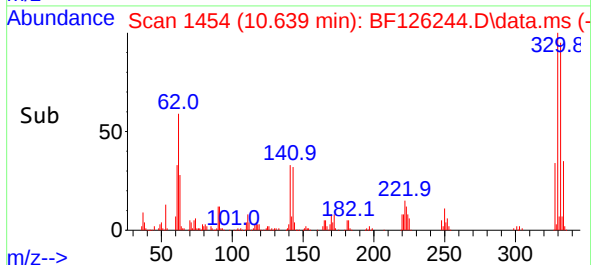
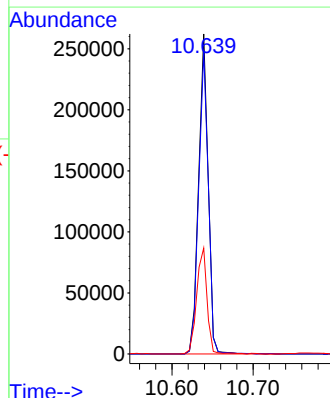
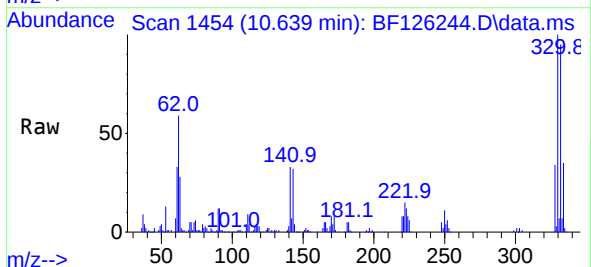
Tgt Ion:330 Resp: 216267

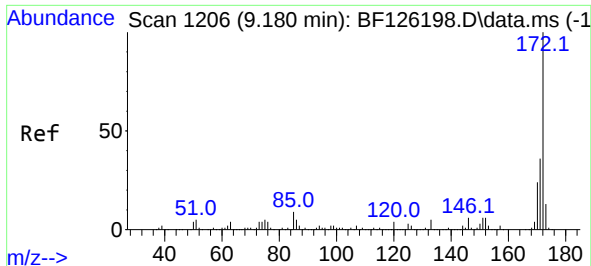
Ion Ratio Lower Upper

330 100

332 95.5 76.2 114.4

141 35.9 44.6 66.8#

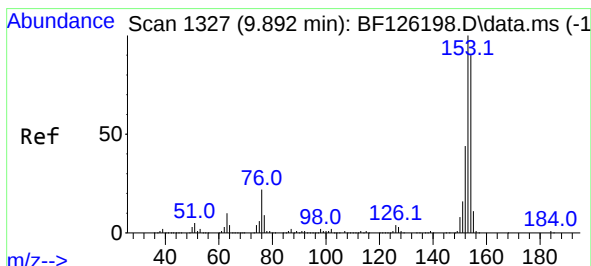
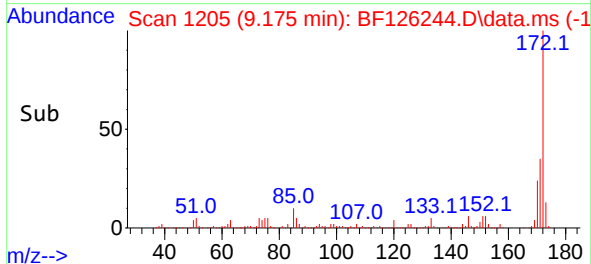
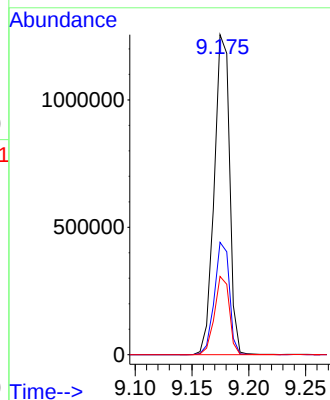
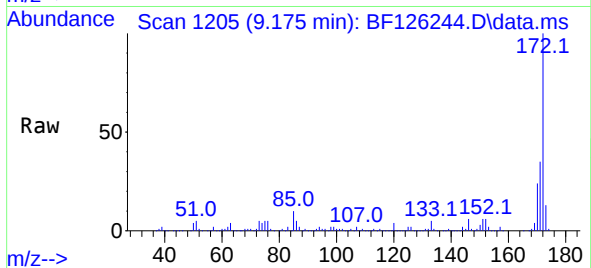




#45
2-Fluorobiphenyl
Concen: 66.311 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:172 Resp: 1183226

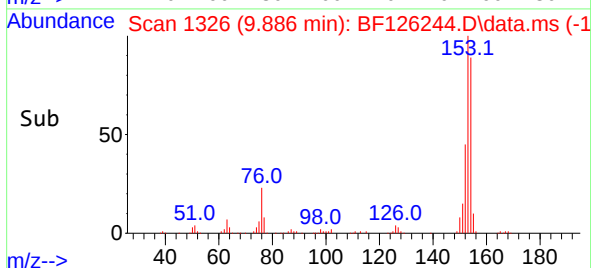
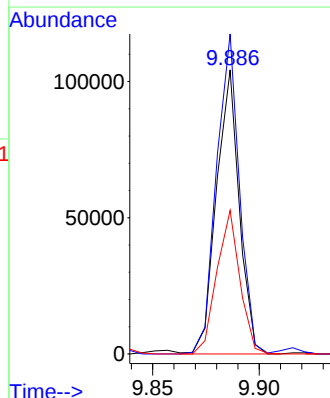
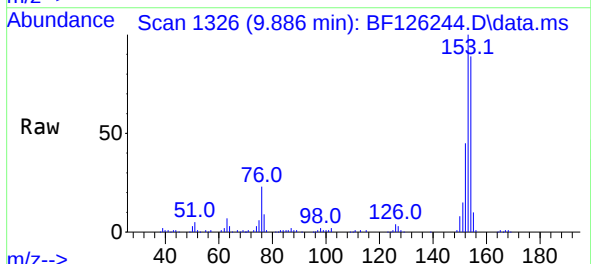
Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.5	39.7
170	24.5	18.8	28.2

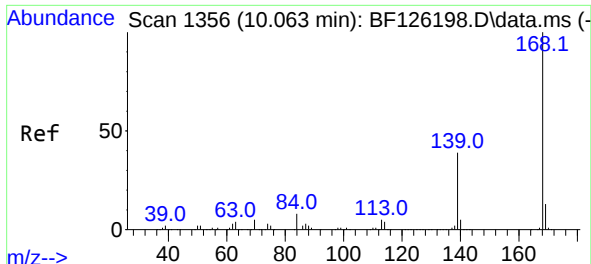


#52
Acenaphthene
Concen: 4.492 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:154 Resp: 77506

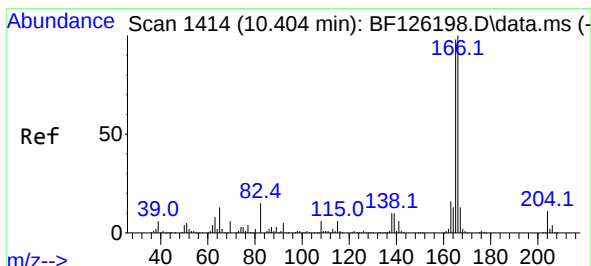
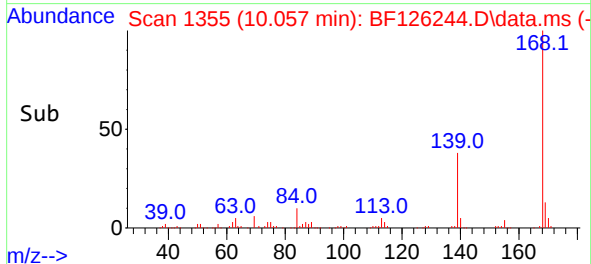
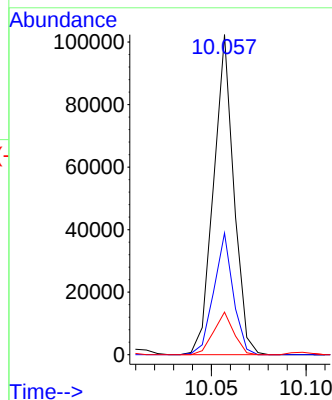
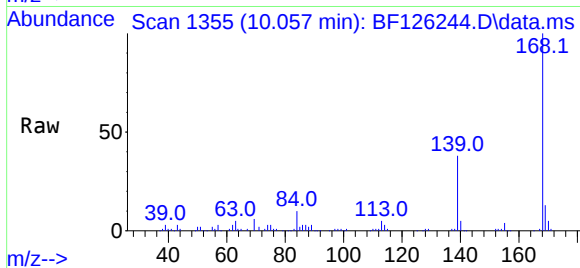
Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.2
152	50.5	40.5	60.7





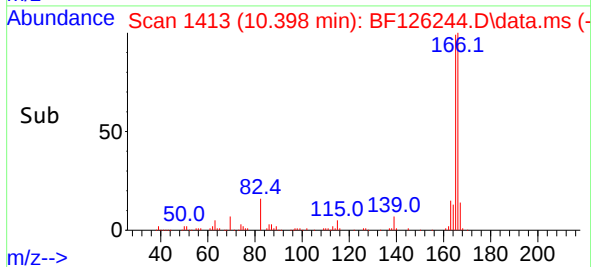
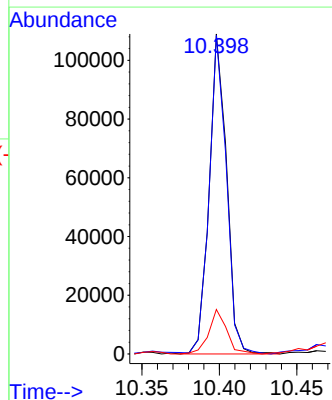
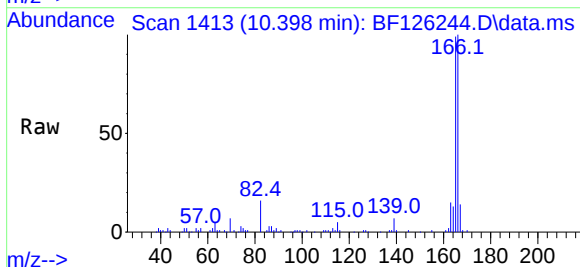
#55
Dibenzenofuran
Concen: 3.240 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

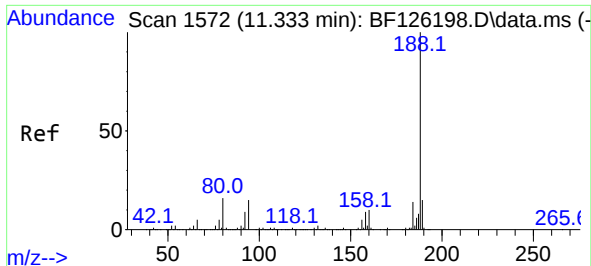
Tgt Ion:168 Resp: 76116
Ion Ratio Lower Upper
168 100
139 38.0 32.7 49.1
169 13.3 11.2 16.8



#58
Fluorene
Concen: 5.007 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

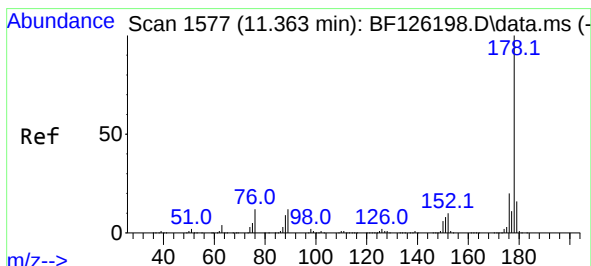
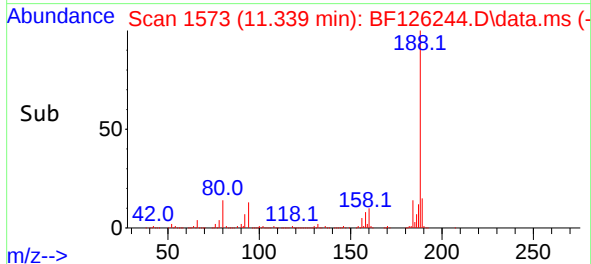
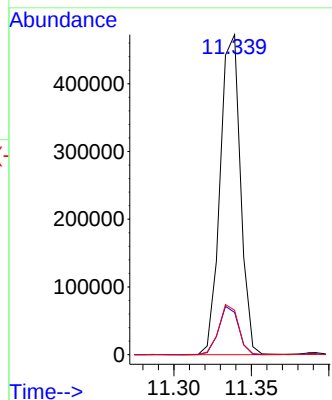
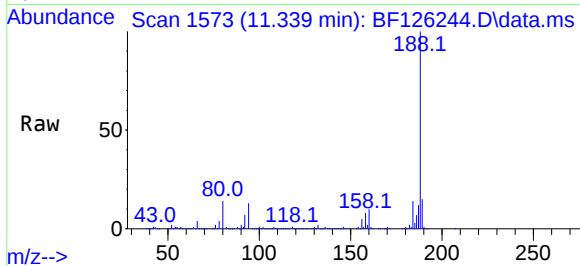
Tgt Ion:166 Resp: 85146
Ion Ratio Lower Upper
166 100
165 99.5 78.1 117.1
167 13.9 11.1 16.7





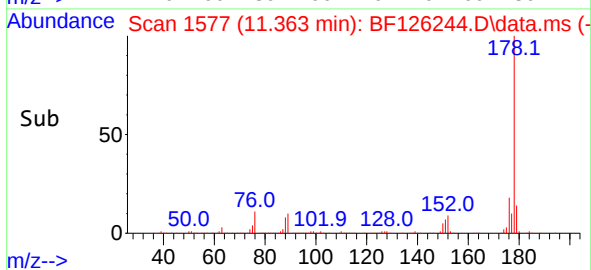
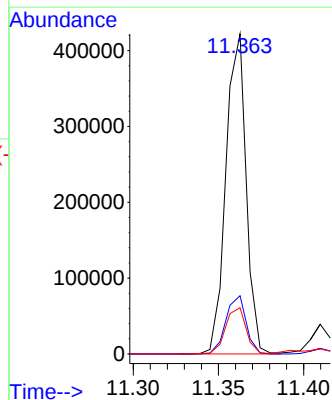
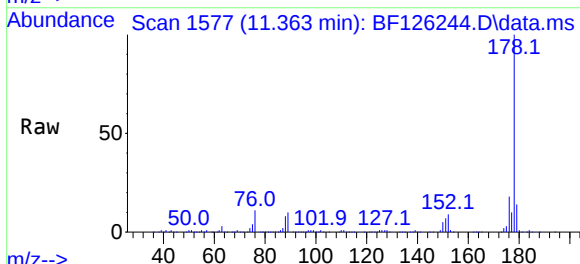
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

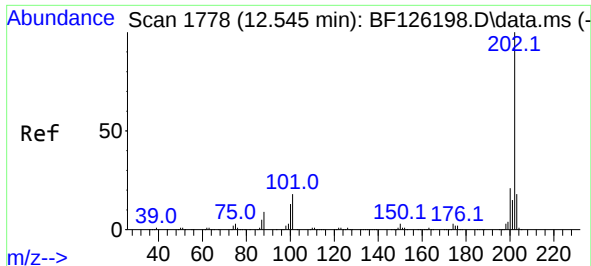
Tgt Ion:188 Resp: 431675
Ion Ratio Lower Upper
188 100
94 13.2 6.7 10.1#
80 13.9 7.5 11.3#



#71
Phenanthrene
Concen: 15.639 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

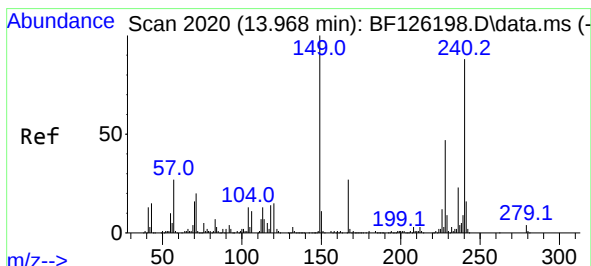
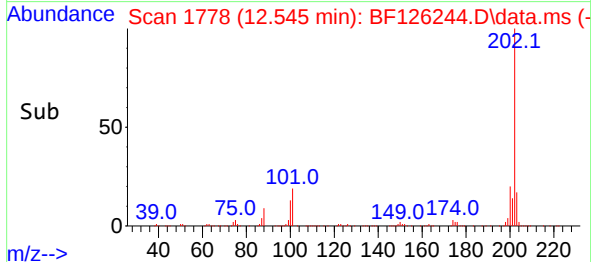
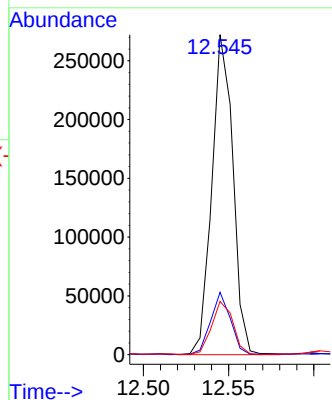
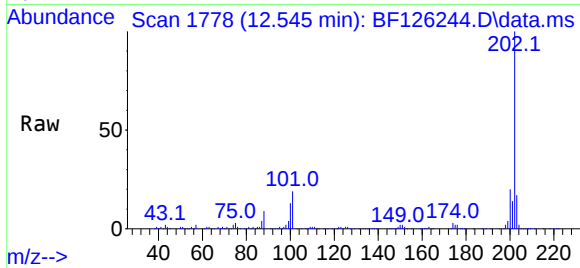
Tgt Ion:178 Resp: 348439
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 14.5 11.5 17.3





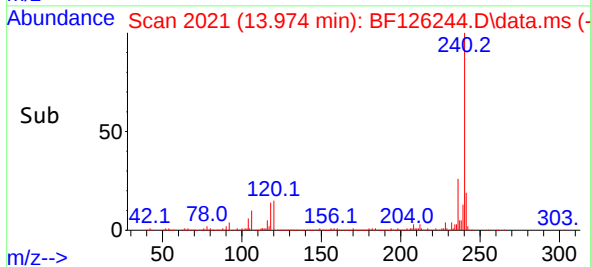
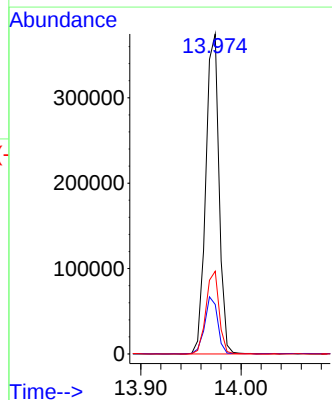
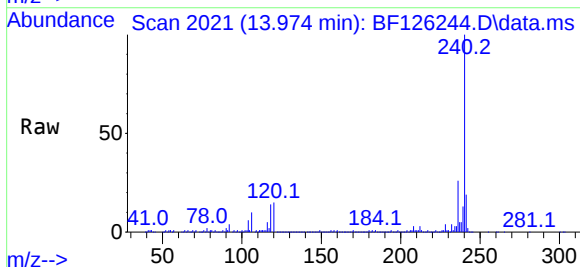
#75
Fluoranthene
Concen: 11.667 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

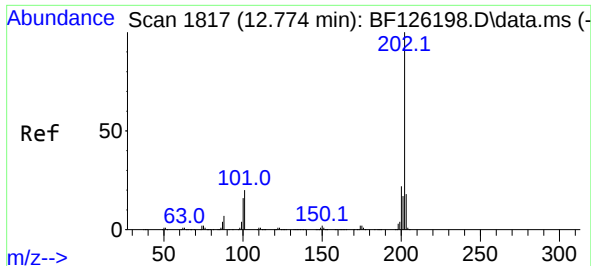
Tgt Ion:	202	Resp:	234211
Ion	Ratio	Lower	Upper
202	100		
101	19.5	0.0	30.7
203	16.7	0.0	36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

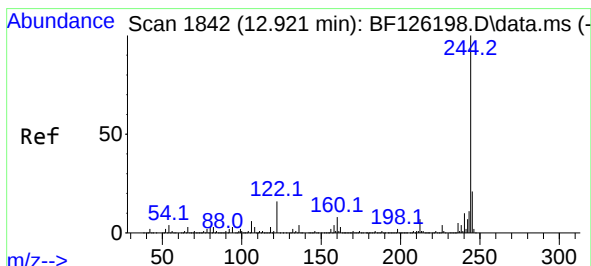
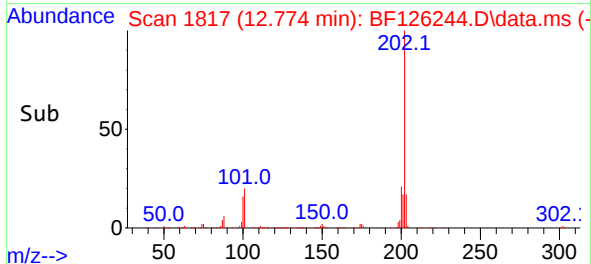
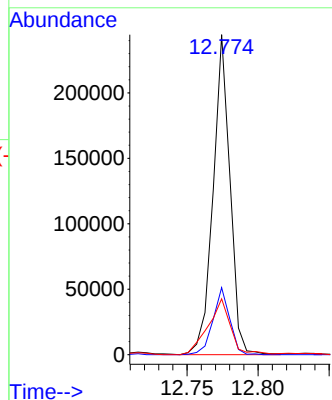
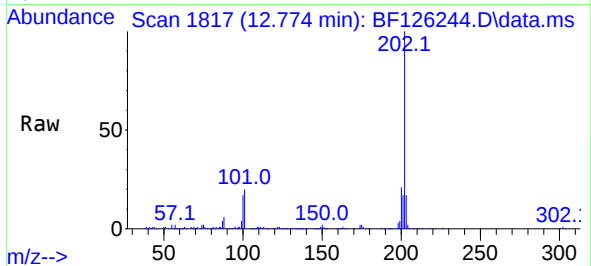
Tgt Ion:	240	Resp:	346421
Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.8	16.2
236	25.8	21.6	32.4





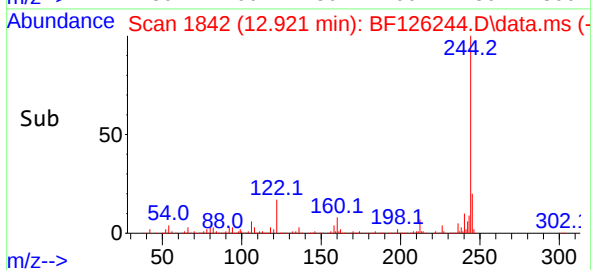
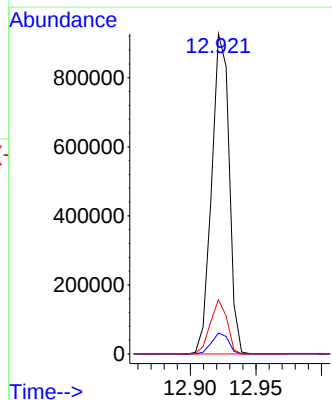
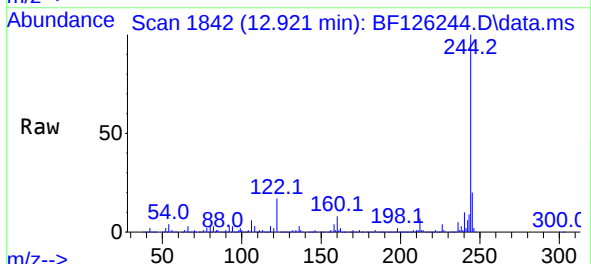
#78
Pyrene
Concen: 6.361 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

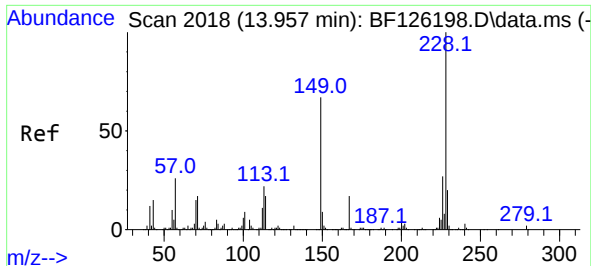
Tgt Ion:	202	Resp:	202433
Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.3	22.9
203	17.5	13.4	20.0



#79
Terphenyl-d14
Concen: 43.145 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

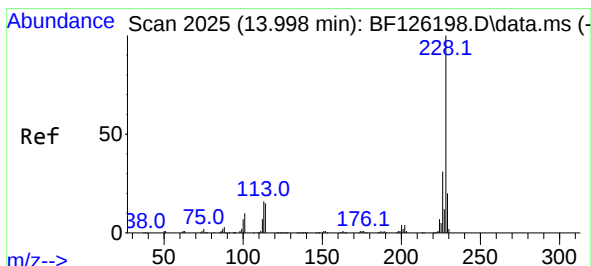
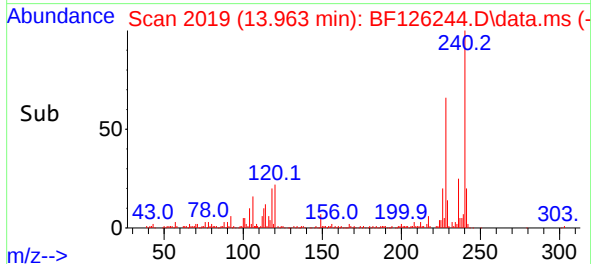
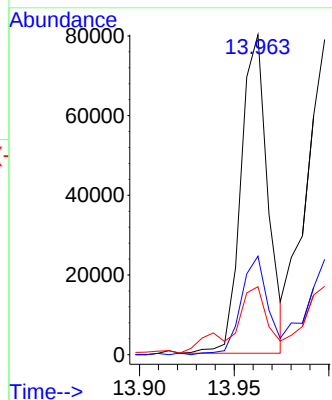
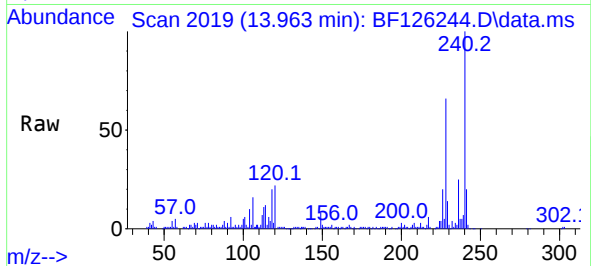
Tgt Ion:	244	Resp:	859907
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	17.0	9.0	13.4





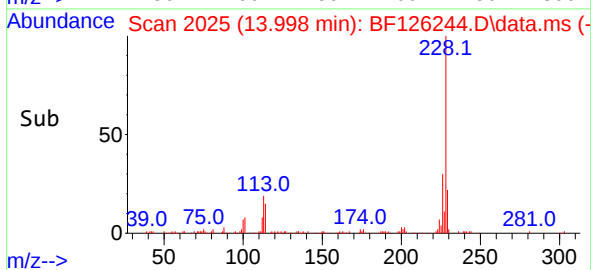
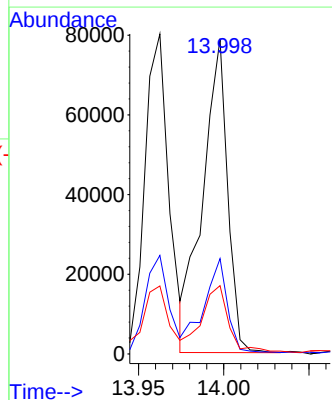
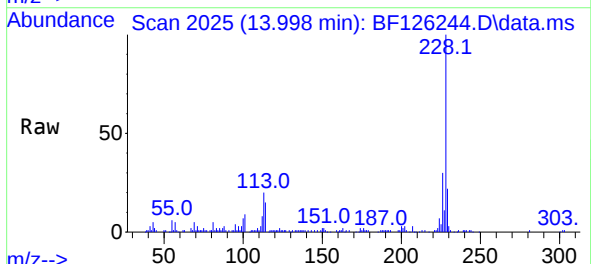
#81
Benzo(a)anthracene
Concen: 3.837 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

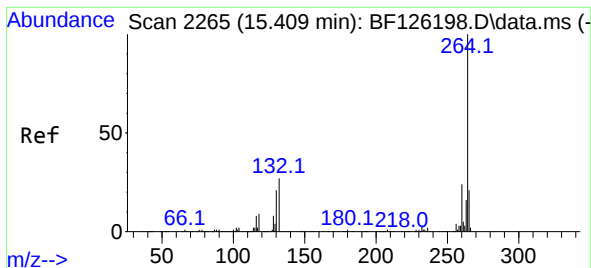
Tgt Ion:228 Resp: 78734
Ion Ratio Lower Upper
228 100
226 30.8 21.6 32.4
229 21.3 15.6 23.4



#83
Chrysene
Concen: 3.753 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:228 Resp: 80022
Ion Ratio Lower Upper
228 100
226 30.2 22.6 34.0
229 21.7 15.9 23.9

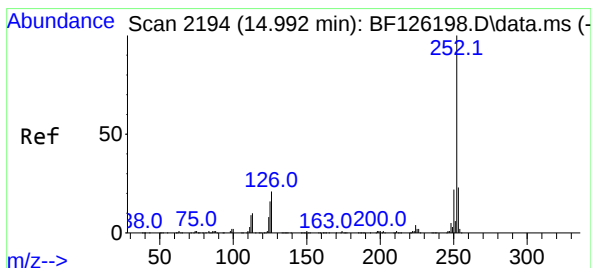
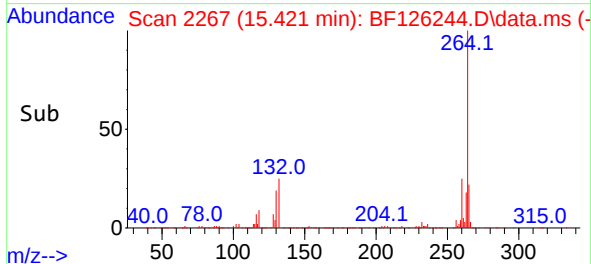
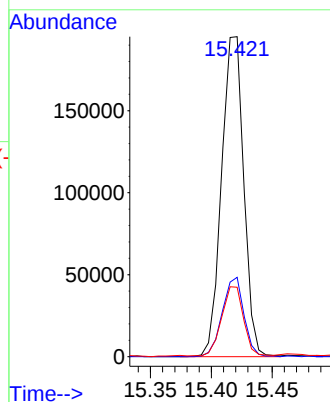
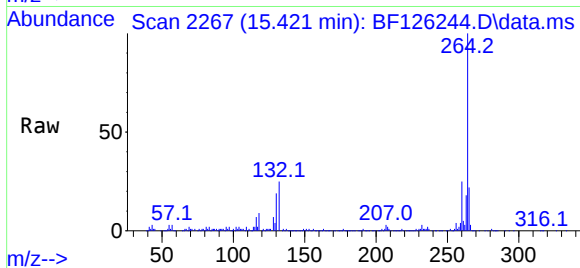




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion: 264 Resp: 248117

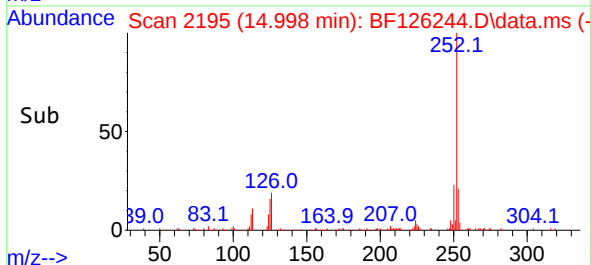
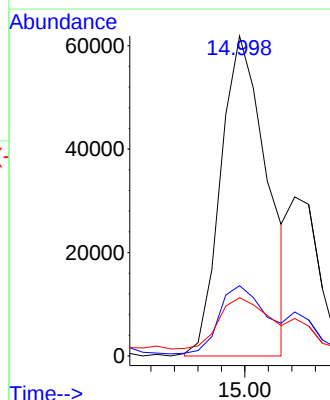
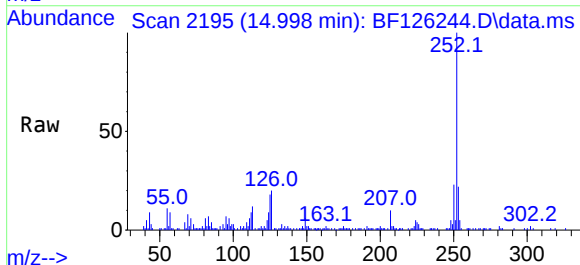
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.7	17.2	25.8

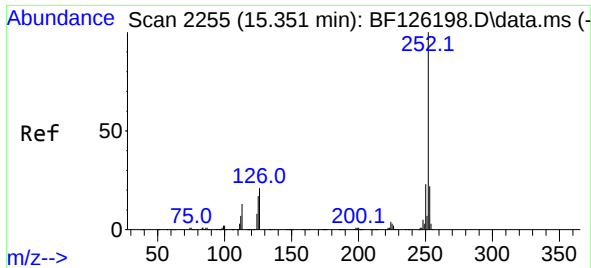


#88
Benzo(b)fluoranthene
Concen: 5.658 ng m
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion: 252 Resp: 84350

Ion	Ratio	Lower	Upper
252	100		
253	21.9	16.8	25.2
125	18.2	9.8	14.8





#90
Benzo(a)pyrene
Concen: 3.916 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:252	Resp:	48519
Ion Ratio	Lower	Upper
252	100	
253	21.9	18.4 27.6
125	16.4	9.9 14.9#

