

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126246.D
 Acq On : 17 Dec 2021 21:07
 Operator : JU/CG
 Sample : M5076-12DL2 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 18 03:39:36 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

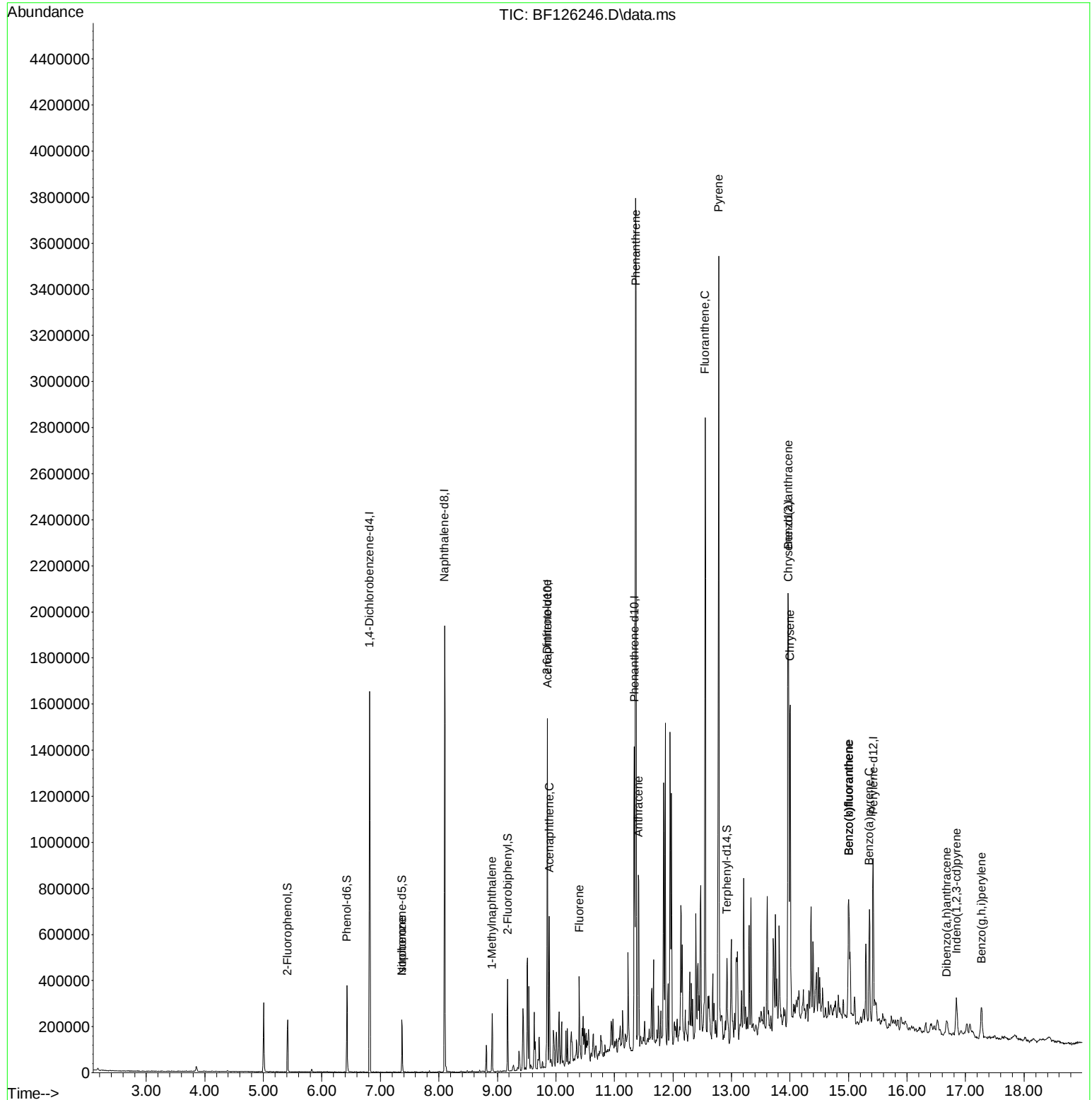
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

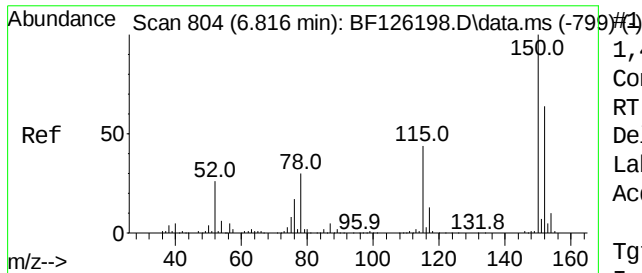
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	213487	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	810490	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	310201	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	457682	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	362338	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	268208	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	60819	4.195	ng	0.00
7) Phenol-d6	6.428	99	115066	6.251	ng	-0.02
23) Nitrobenzene-d5	7.369	82	68073	4.549	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	3494	1.402	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	99116	5.604	ng	0.00
79) Terphenyl-d14	12.922	244	80862	3.879	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	7.369	82	67097	2.374	ng	# 59
38) 1-Methylnaphthalene	8.910	142	56800	2.507	ng	93
51) 2,6-Dinitrotoluene	9.851	165	42895	10.086	ng	# 29
52) Acenaphthene	9.886	154	125247	7.324	ng	99
58) Fluorene	10.398	166	77217	4.581	ng	96
71) Phenanthrene	11.363	178	1426453	60.386	ng	97
72) Anthracene	11.416	178	286998	12.104	ng	100
75) Fluoranthene	12.551	202	957614	44.994	ng	90
78) Pyrene	12.780	202	1432017	43.018	ng	96
81) Benzo(a)anthracene	13.969	228	543490	25.322	ng	99
83) Chrysene	14.004	228	523580	23.479	ng	99
87) Indeno(1,2,3-cd)pyrene	16.845	276	89621	5.010	ng	95
88) Benzo(b)fluoranthene	15.004	252	376321	23.352	ng	# 94
89) Benzo(k)fluoranthene	15.004	252	376321	24.411	ng	# 94
90) Benzo(a)pyrene	15.357	252	222477	16.610	ng	# 93
91) Dibenzo(a,h)anthracene	16.674	278	36001	2.476	ng	97
92) Benzo(g,h,i)perylene	17.268	276	86802	5.769	ng	91

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

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Misc :
ALS Vial : 21 Sample Multiplier: 1

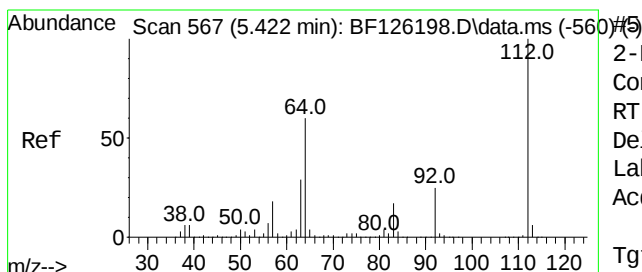
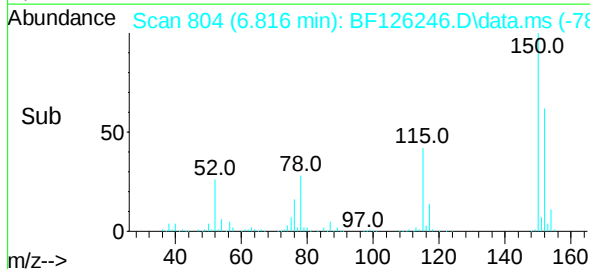
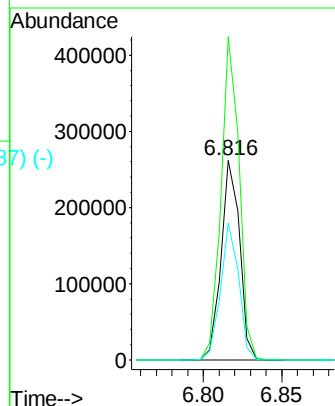
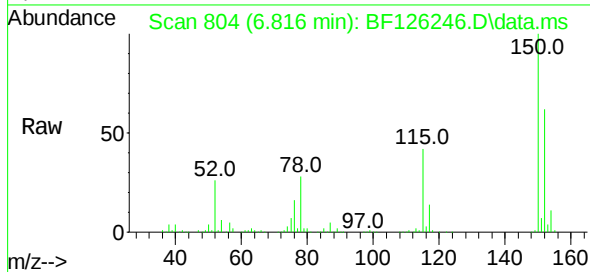
Quant Time: Dec 18 03:39:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





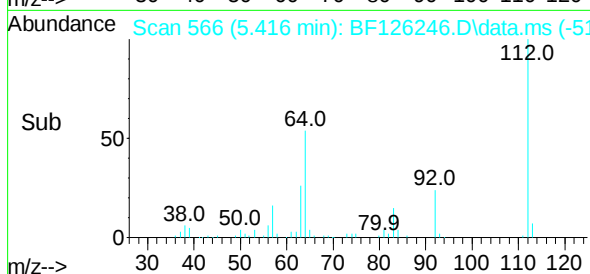
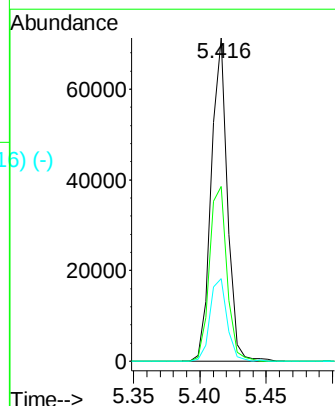
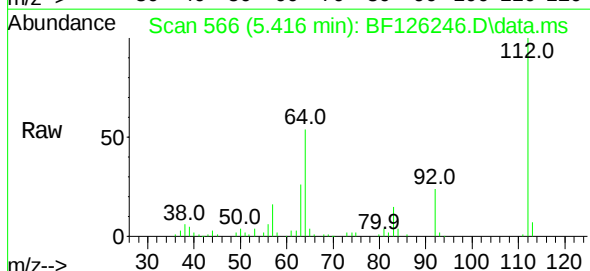
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. 0.000 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

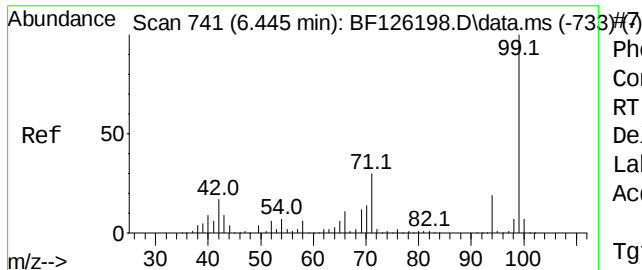
Tgt Ion:152 Resp: 213487
 Ion Ratio Lower Upper
 152 100
 150 161.9 117.6 176.4
 115 68.7 47.1 70.7



2-Fluorophenol
 Concen: 4.195 ng
 RT: 5.416 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

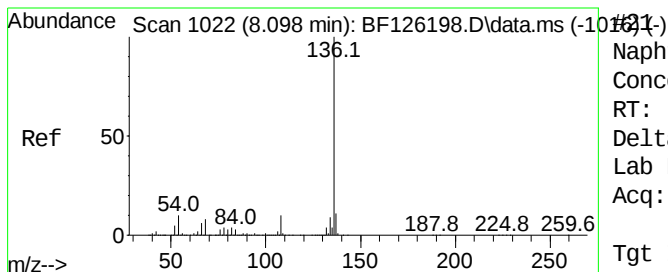
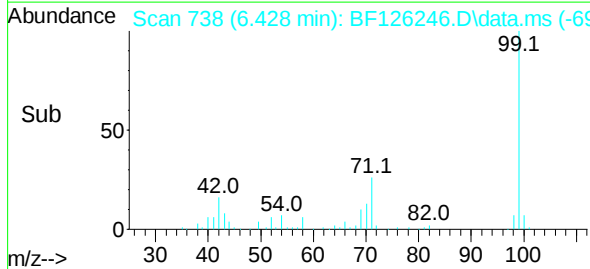
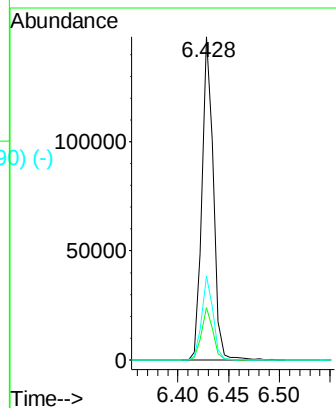
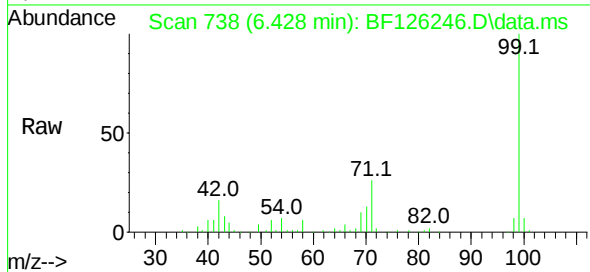
Tgt Ion:112 Resp: 60819
 Ion Ratio Lower Upper
 112 100
 64 54.1 44.2 66.2
 63 25.6 26.2 39.2#





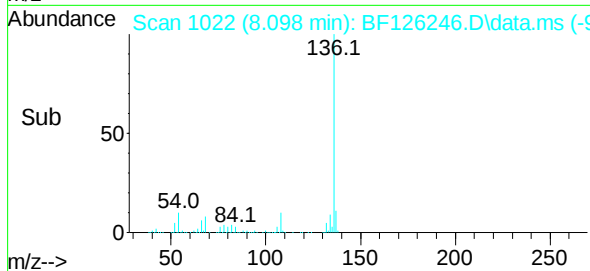
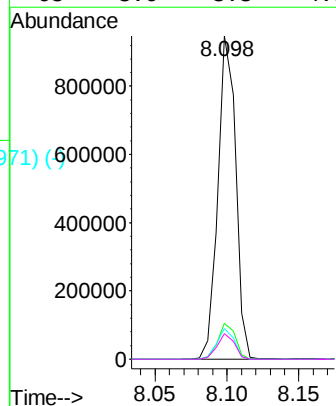
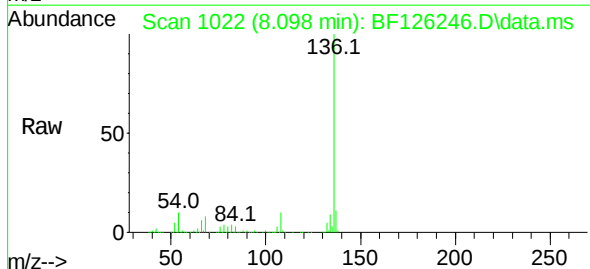
Phenol-d6
 Concen: 6.251 ng
 RT: 6.428 min Scan# 738
 Delta R.T. -0.017 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

Tgt Ion:	99	Resp:	115066
Ion	Ratio	Lower	Upper
99	100		
42	16.3	23.5	35.3#
71	25.9	25.6	38.4

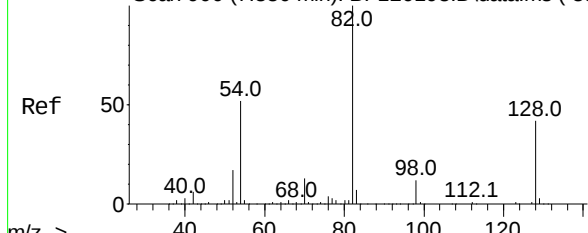


Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.098 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

Tgt Ion:	136	Resp:	810490
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.8	14.6
54	9.6	6.4	9.6
68	8.0	3.3	4.9#

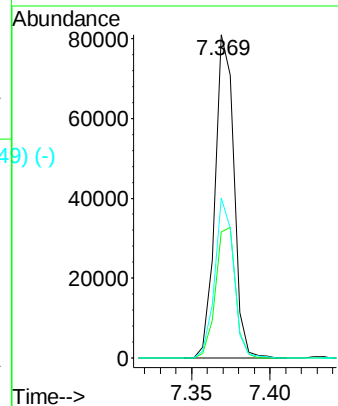
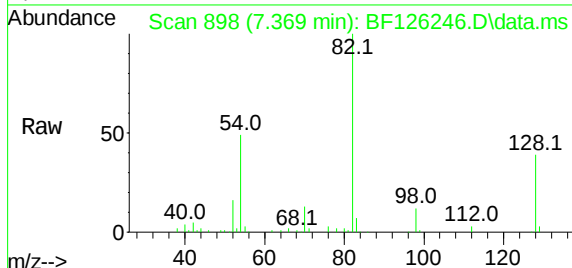


Abundance Scan 900 (7.380 min): BF126198.D\data.ms (-895) #23

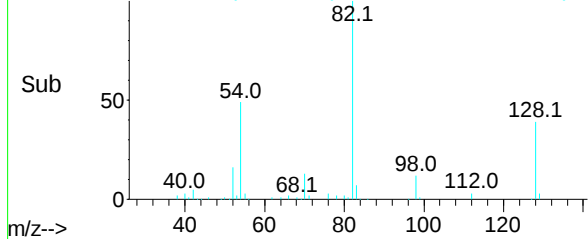


Nitrobenzene-d5
 Concen: 4.549 ng
 RT: 7.369 min Scan# 898
 Delta R.T. -0.012 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

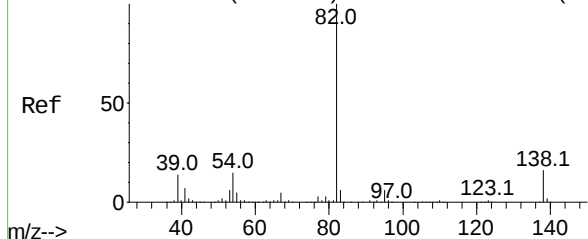
Tgt Ion:	82	Resp:	68073
Ion	Ratio	Lower	Upper
82	100		
128	39.1	40.6	60.8#
54	49.5	49.6	74.4#



Abundance Scan 898 (7.369 min): BF126246.D\data.ms (-849) (-)

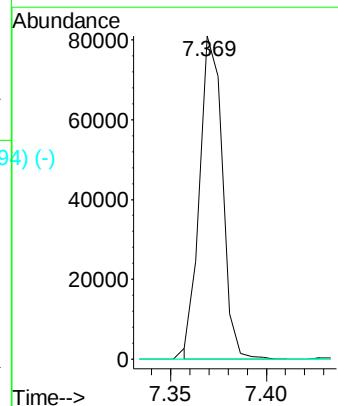
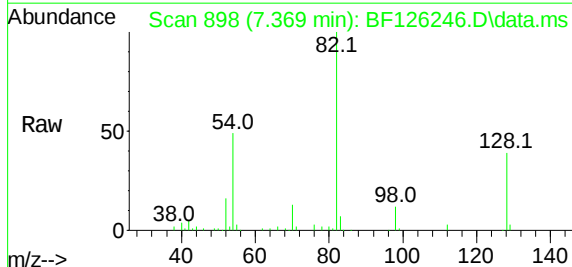


Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

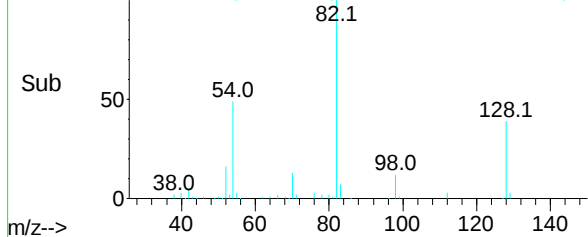


Isophorone
 Concen: 2.374 ng
 RT: 7.369 min Scan# 898
 Delta R.T. -0.276 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

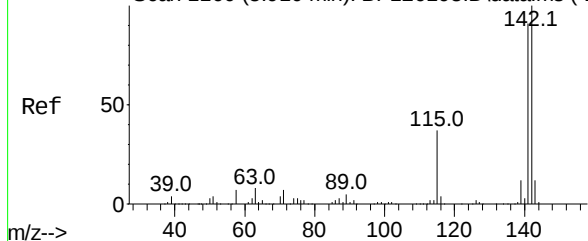
Tgt Ion:	82	Resp:	67097
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#



Abundance Scan 898 (7.369 min): BF126246.D\data.ms (-894) (-)

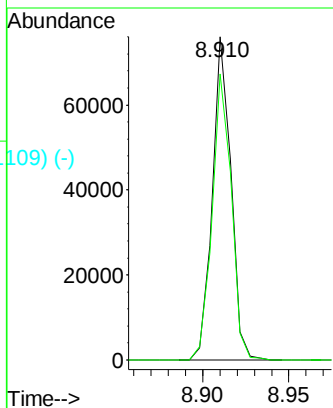
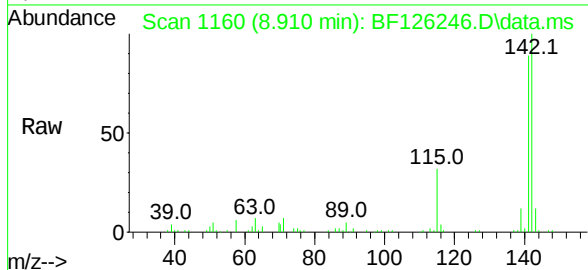


Abundance Scan 1160 (8.910 min): BF126198.D\data.ms (-11539)

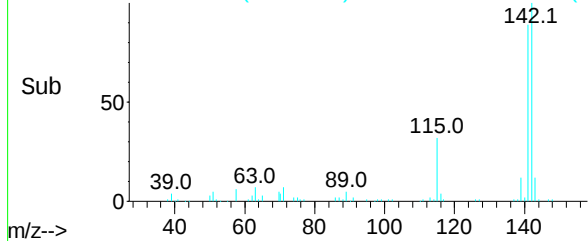


1-Methylnaphthalene
Concen: 2.507 ng
RT: 8.910 min Scan# 1160
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

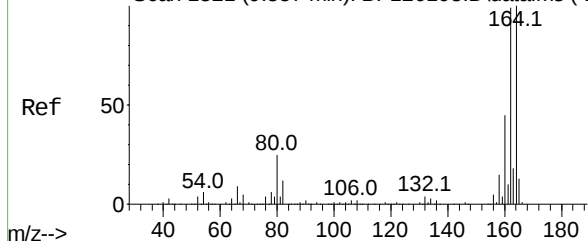
Tgt Ion:142 Resp: 56800
Ion Ratio Lower Upper
142 100
141 88.5 76.0 114.0



Abundance Scan 1160 (8.910 min): BF126246.D\data.ms (-1109) (-)

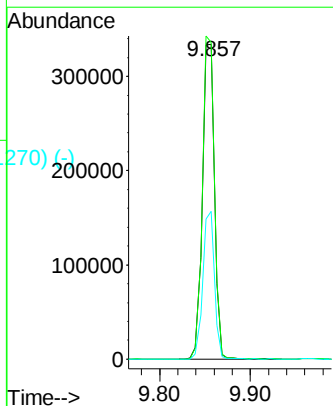
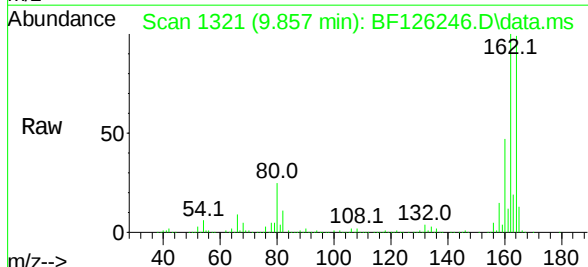


Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

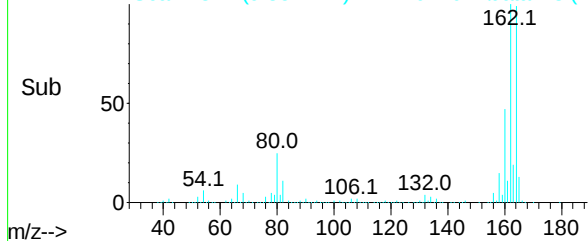


Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion:164 Resp: 310201
Ion Ratio Lower Upper
164 100
162 100.7 81.3 121.9
160 47.1 38.0 57.0

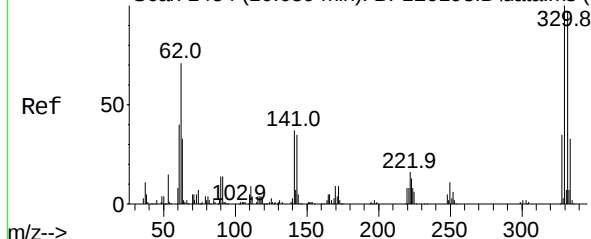


Abundance Scan 1321 (9.857 min): BF126246.D\data.ms (-1270) (-)

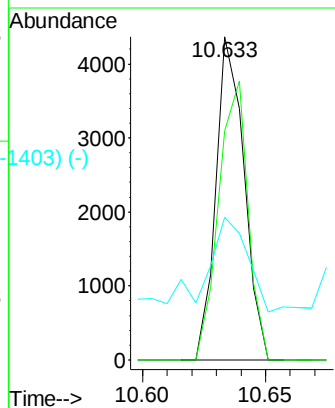
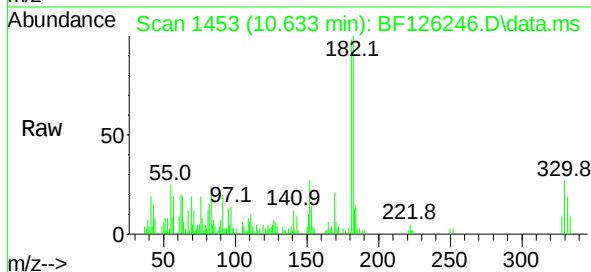


Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1403) (-)

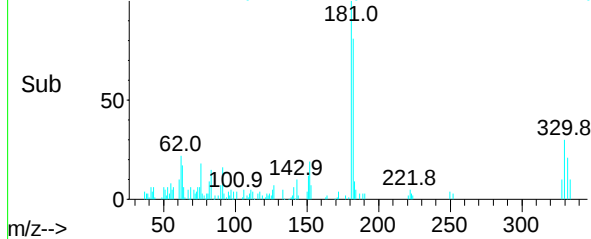
2,4,6-Tribromophenol
Concen: 1.402 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07



Tgt Ion:	330	Resp:	3494
Ion Ratio	Lower	Upper	
330	100		
332	89.7	76.2	114.4
141	72.1	44.6	66.8#

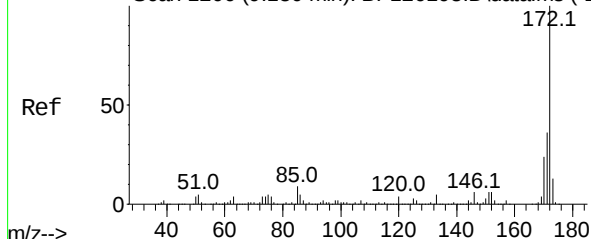


Abundance Scan 1453 (10.633 min): BF126246.D\data.ms (-1403) (-)

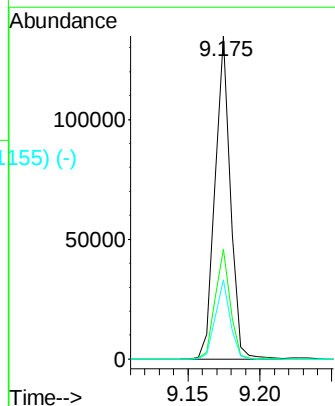
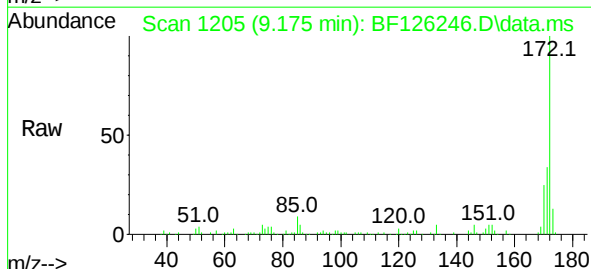


Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1155) (-)

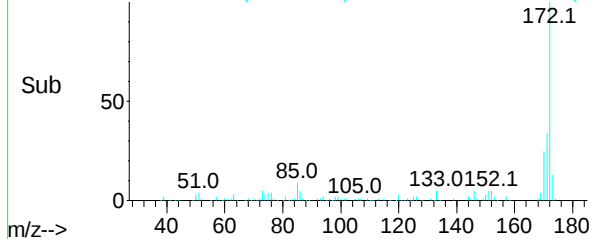
2-Fluorobiphenyl
Concen: 5.604 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07



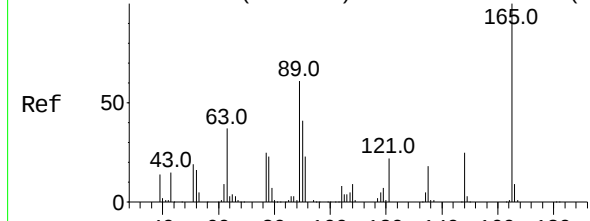
Tgt Ion:	172	Resp:	99116
Ion Ratio	Lower	Upper	
172	100		
171	34.1	26.5	39.7
170	24.6	18.8	28.2



Abundance Scan 1205 (9.175 min): BF126246.D\data.ms (-1155) (-)

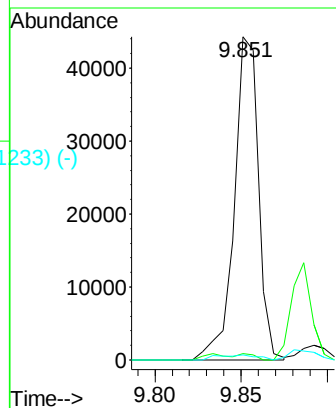
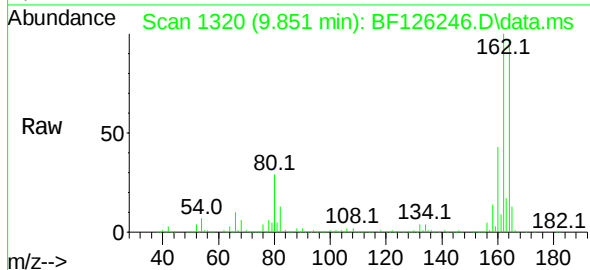


Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12751-)

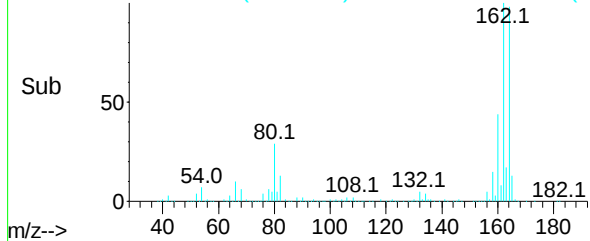


2,6-Dinitrotoluene
Concen: 10.086 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

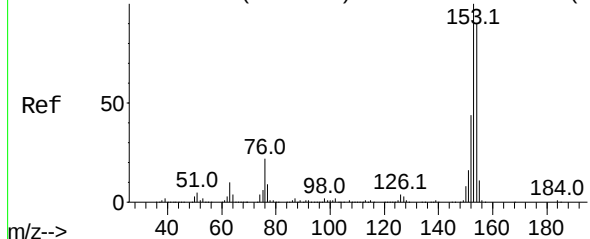
Tgt Ion:	165	Resp:	42895
Ion	Ratio	Lower	Upper
165	100		
63	2.0	42.6	63.8#
89	1.6	40.6	60.8#



Abundance Scan 1320 (9.851 min): BF126246.D\data.ms (-1233-)

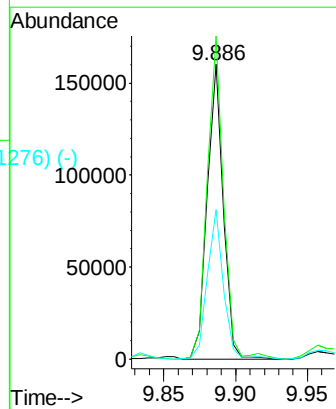
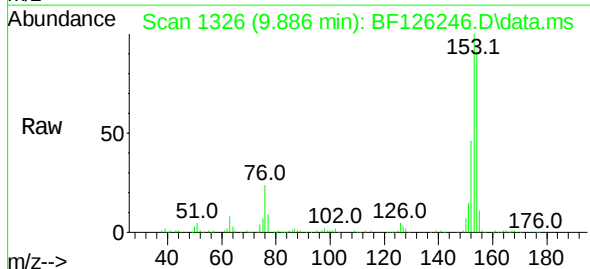


Abundance Scan 1327 (9.892 min): BF126198.D\data.ms (-13152-)

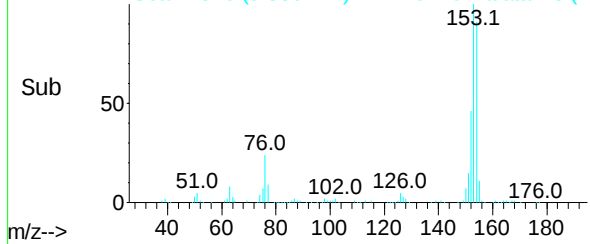


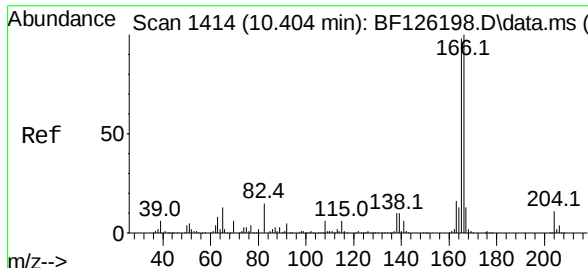
Acenaphthene
Concen: 7.324 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion:	154	Resp:	125247
Ion	Ratio	Lower	Upper
154	100		
153	109.6	89.4	134.2
152	50.7	40.5	60.7



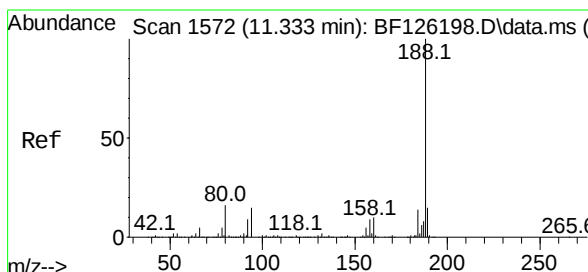
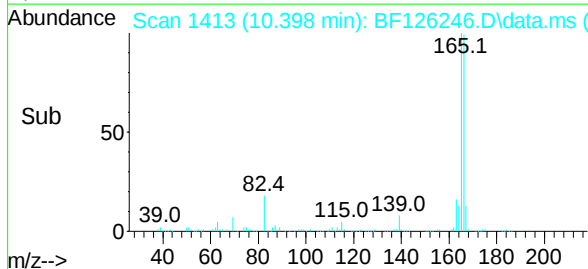
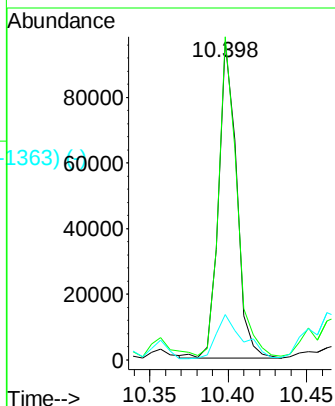
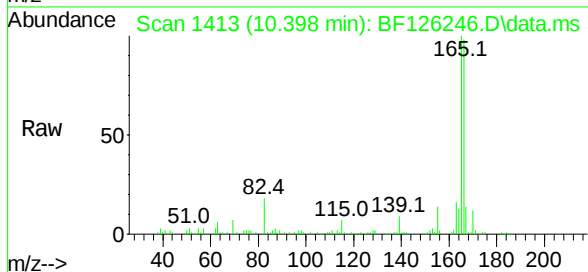
Abundance Scan 1326 (9.886 min): BF126246.D\data.ms (-1276-)





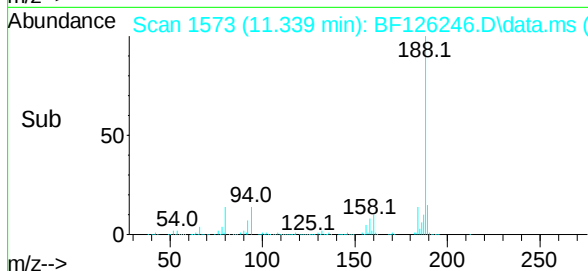
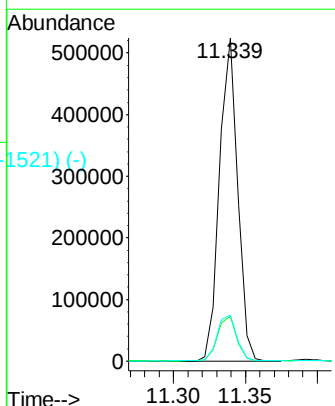
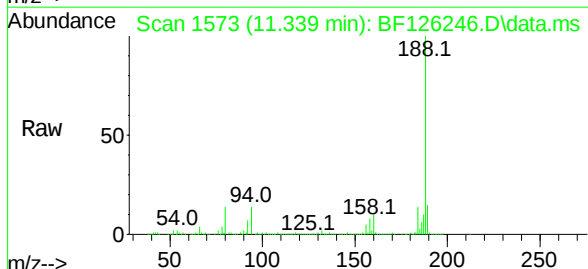
Scan 1414 (10.404 min): BF126198.D\data.ms (-1458)
 Fluorene
 Concen: 4.581 ng
 RT: 10.398 min Scan# 1413
 Delta R.T. -0.006 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

Tgt Ion:	166	Resp:	77217
Ion	Ratio	Lower	Upper
166	100		
165	101.6	78.1	117.1
167	14.2	11.1	16.7



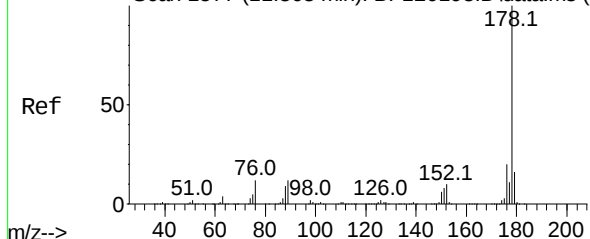
Scan 1572 (11.333 min): BF126198.D\data.ms (-1564)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. 0.006 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

Tgt Ion:	188	Resp:	457682
Ion	Ratio	Lower	Upper
188	100		
94	13.8	6.7	10.1#
80	14.2	7.5	11.3#

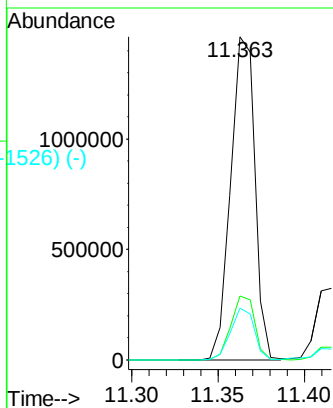
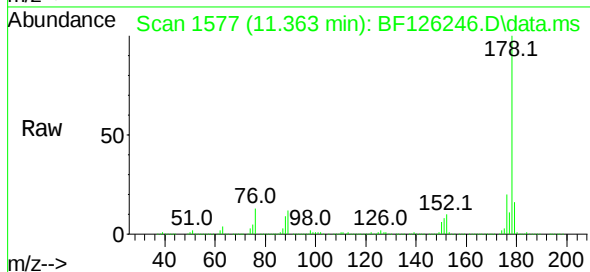


Abundance Scan 1577 (11.363 min): BF126198.D\data.ms (-1577) (-)

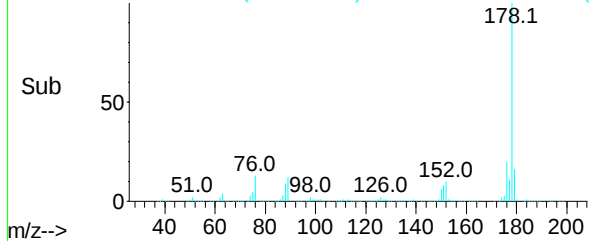
Phenanthrene
Concen: 60.386 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07



Tgt Ion:178 Resp: 1426453
Ion Ratio Lower Upper
178 100
176 19.7 14.7 22.1
179 16.0 11.5 17.3

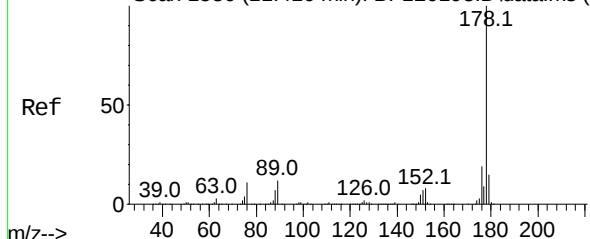


Abundance Scan 1577 (11.363 min): BF126246.D\data.ms (-1526) (-)

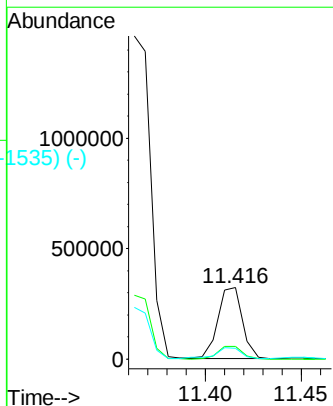
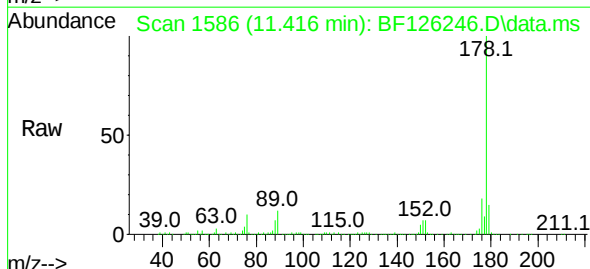


Abundance Scan 1586 (11.416 min): BF126198.D\data.ms (-1570) (-)

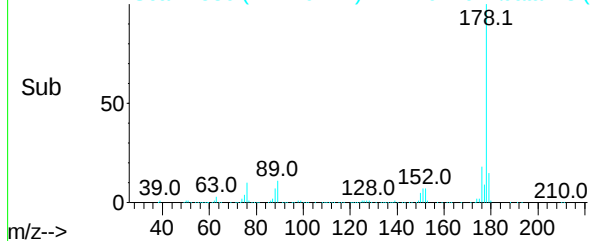
Anthracene
Concen: 12.104 ng
RT: 11.416 min Scan# 1586
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07



Tgt Ion:178 Resp: 286998
Ion Ratio Lower Upper
178 100
176 18.0 14.3 21.5
179 15.2 12.2 18.4

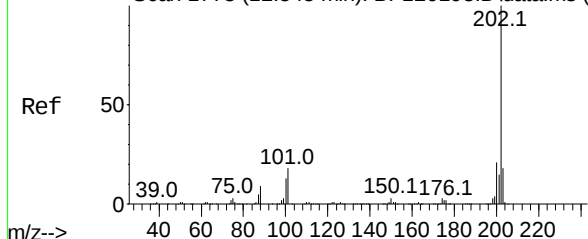


Abundance Scan 1586 (11.416 min): BF126246.D\data.ms (-1535) (-)

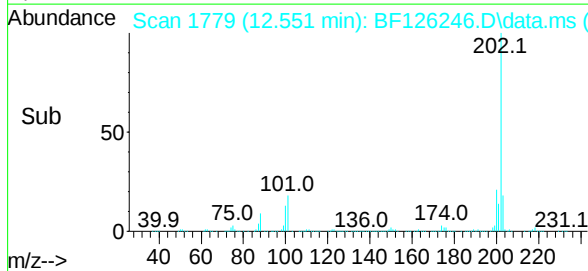
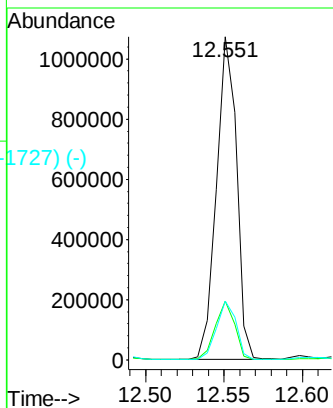
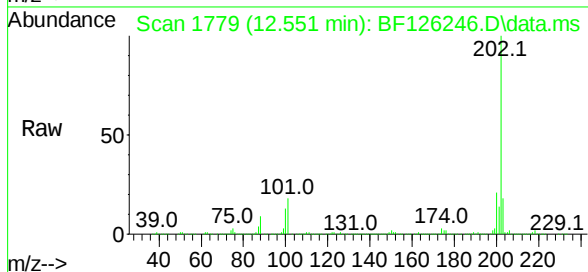


Abundance Scan 1778 (12.545 min): BF126198.D\data.ms (-1778) (-)

Fluoranthene
Concen: 44.994 ng
RT: 12.551 min Scan# 1779
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

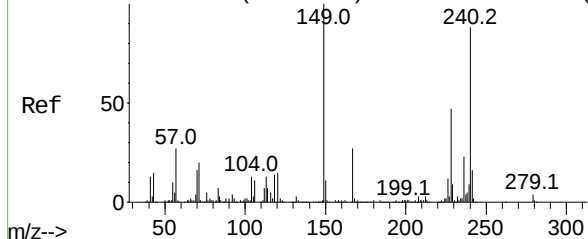


Tgt Ion	Ratio	Lower	Upper
202	100		
101	18.2	0.0	30.7
203	18.1	0.0	36.3

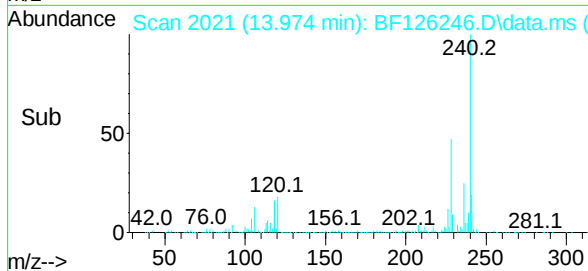
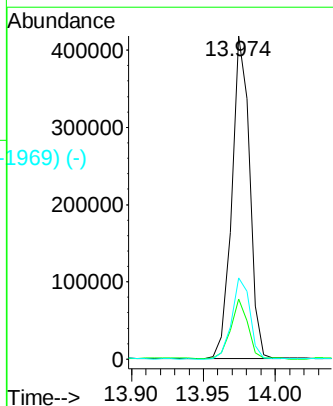
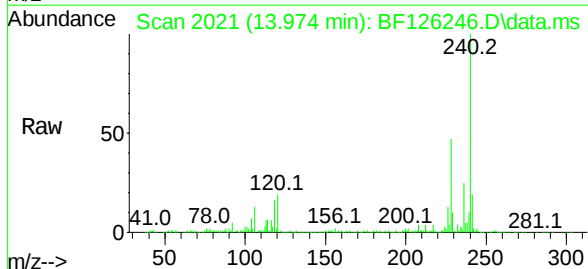


Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-20176) (-)

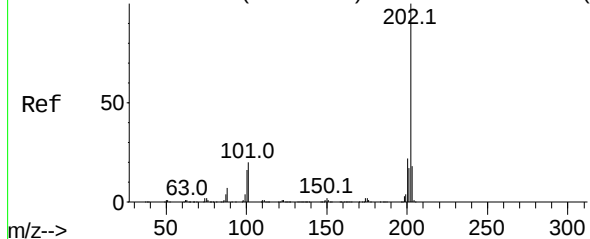
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07



Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.6	10.8	16.2#
236	25.2	21.6	32.4

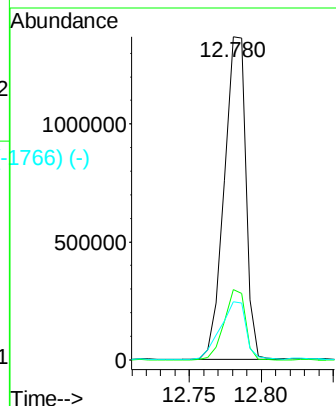
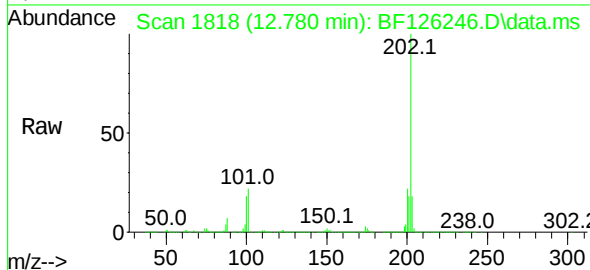


Abundance Scan 1817 (12.774 min): BF126198.D\data.ms (-1878) (-)

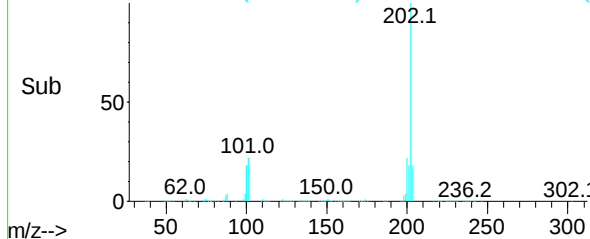


Pyrene
Concen: 43.018 ng
RT: 12.780 min Scan# 1818
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

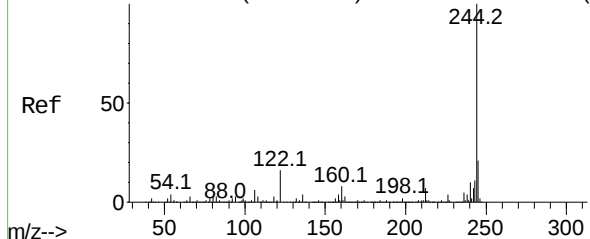
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	15.3	22.9
203	18.0	13.4	20.0



Abundance Scan 1818 (12.780 min): BF126246.D\data.ms (-1766) (-)

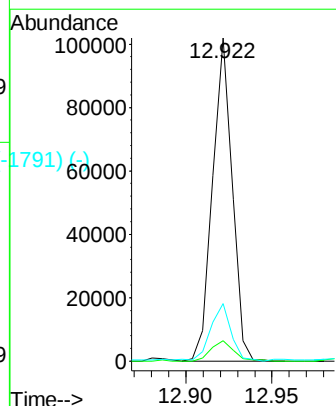
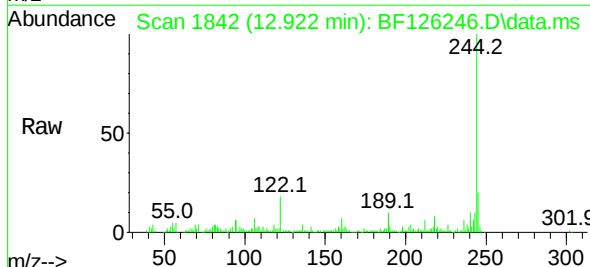


Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1879) (-)

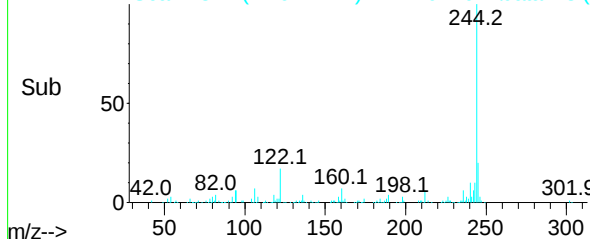


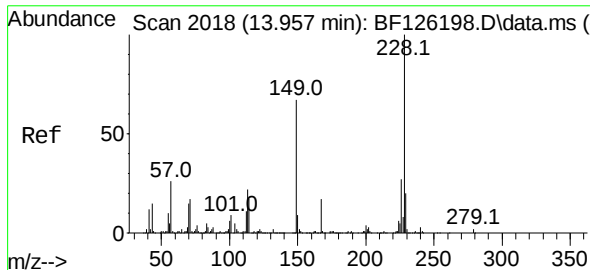
Terphenyl-d14
Concen: 3.879 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.9	8.9
122	17.8	9.0	13.4#



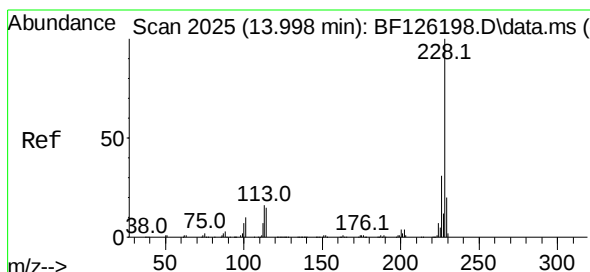
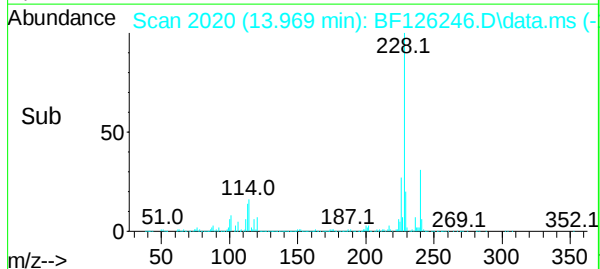
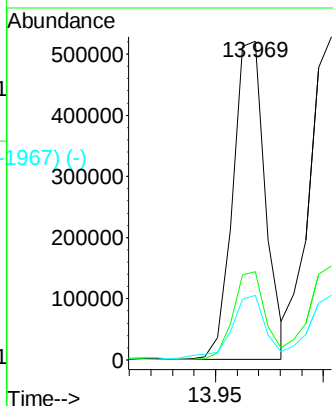
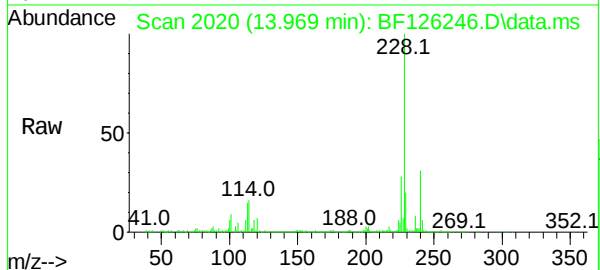
Abundance Scan 1842 (12.922 min): BF126246.D\data.ms (-1791) (-)





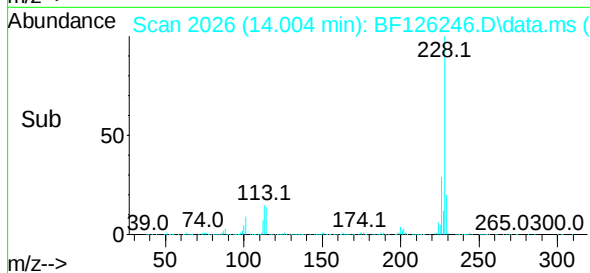
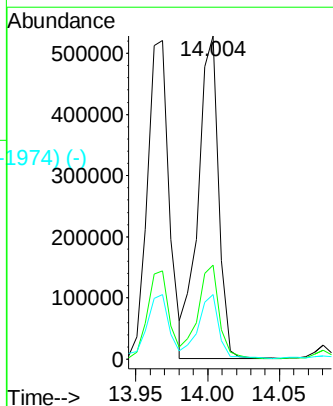
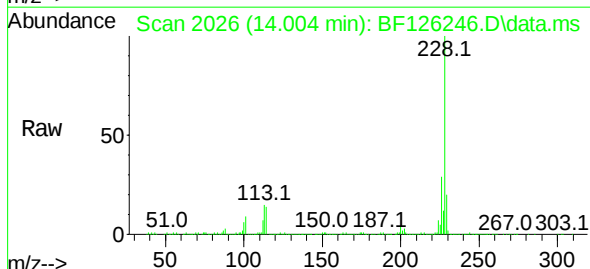
Benzo(a)anthracene
 Concen: 25.322 ng
 RT: 13.969 min Scan# 2020
 Delta R.T. 0.012 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

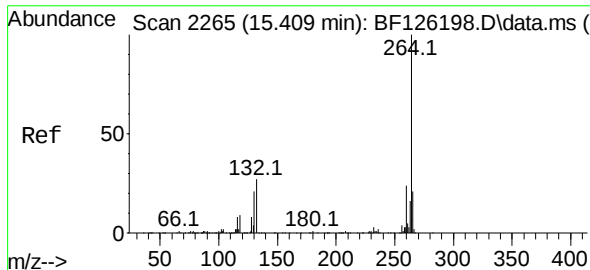
Tgt Ion:	228	Resp:	543490
Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.6	32.4
229	20.2	15.6	23.4



Chrysene
 Concen: 23.479 ng
 RT: 14.004 min Scan# 2026
 Delta R.T. 0.006 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

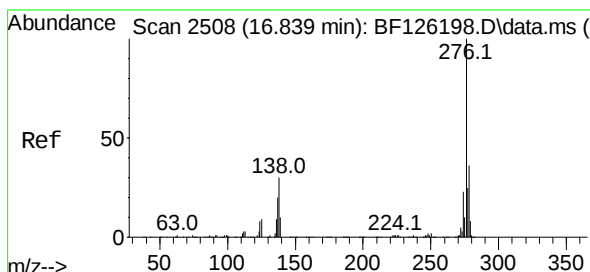
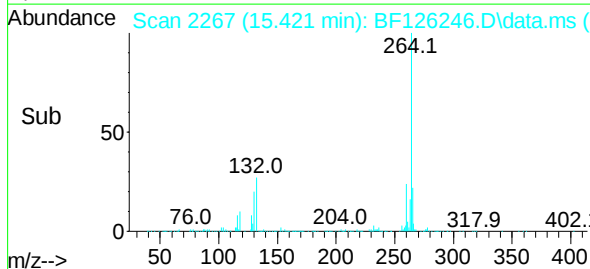
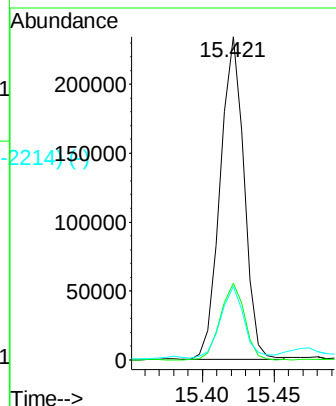
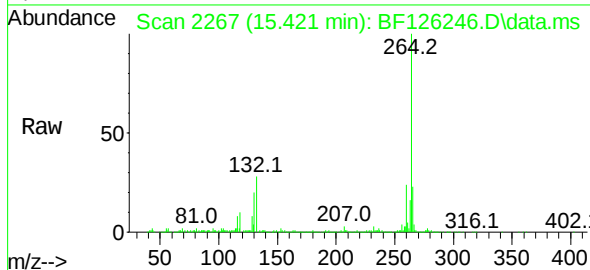
Tgt Ion:	228	Resp:	523580
Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	20.0	15.9	23.9





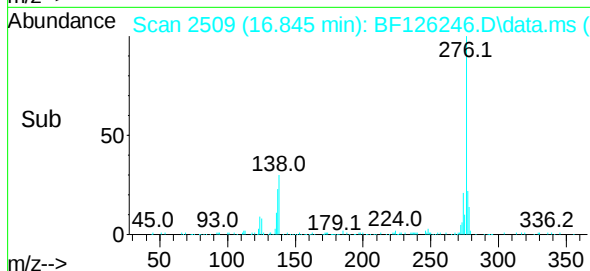
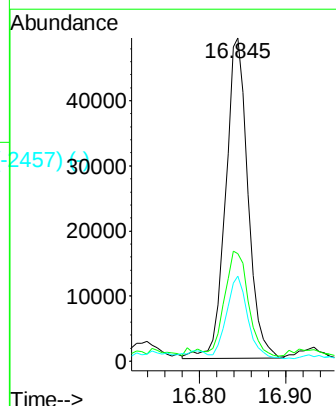
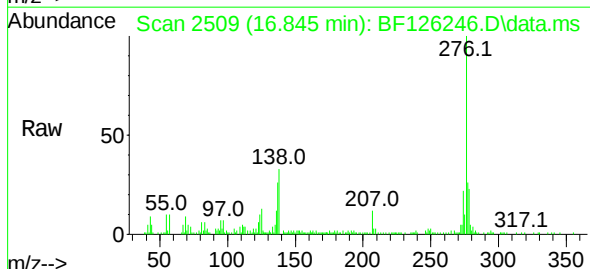
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

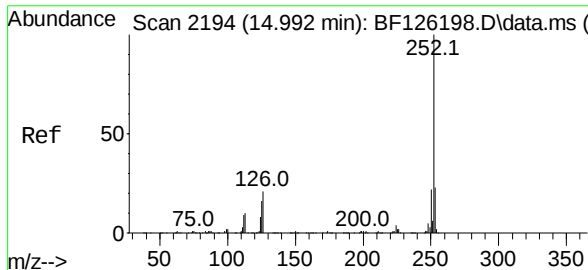
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	22.8	17.2	25.8



Indeno(1,2,3-cd)pyrene
Concen: 5.010 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

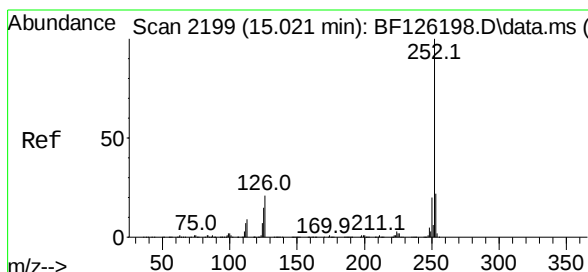
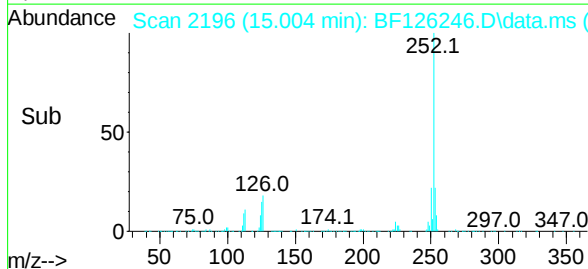
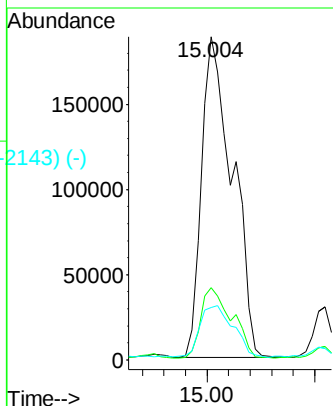
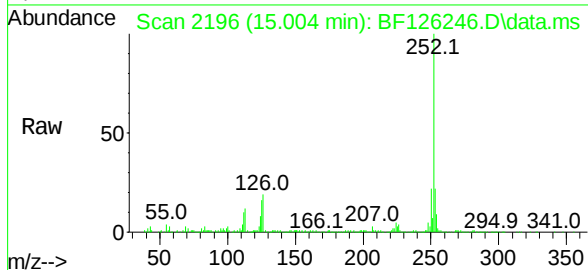
Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.5	24.1	36.1
277	24.4	18.8	28.2





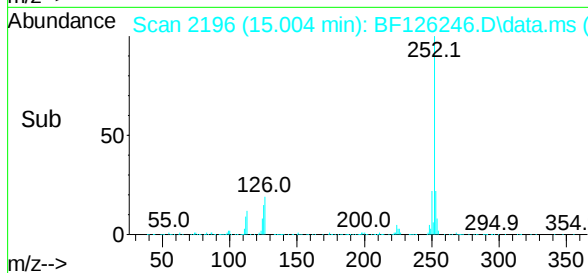
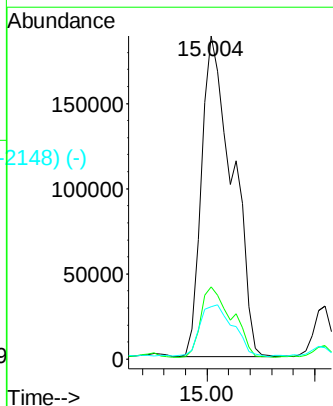
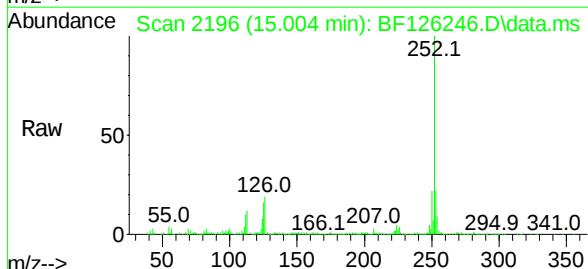
Benzo(b)fluoranthene
Concen: 23.352 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

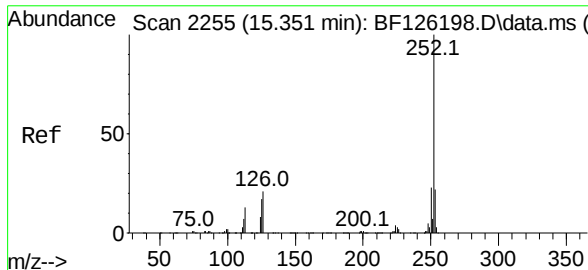
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	16.8	25.2
125	16.3	9.8	14.8#



Benzo(k)fluoranthene
Concen: 24.411 ng
RT: 15.004 min Scan# 2196
Delta R.T. -0.017 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

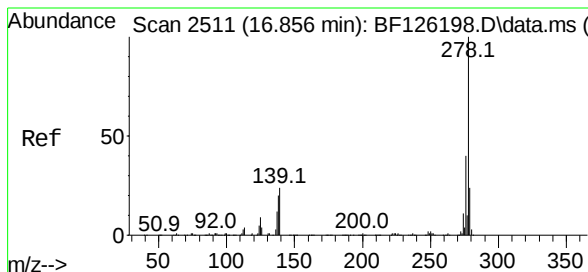
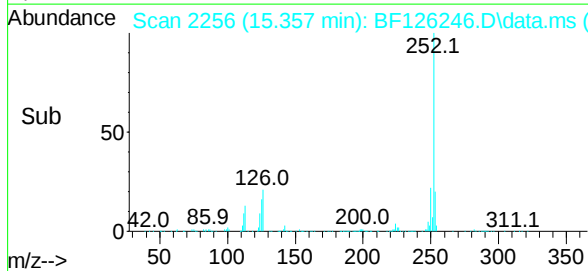
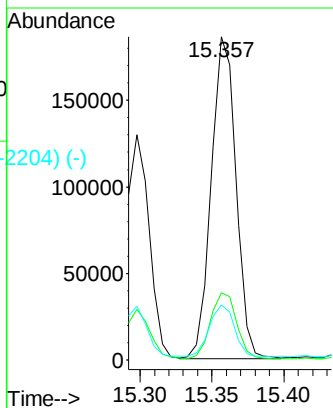
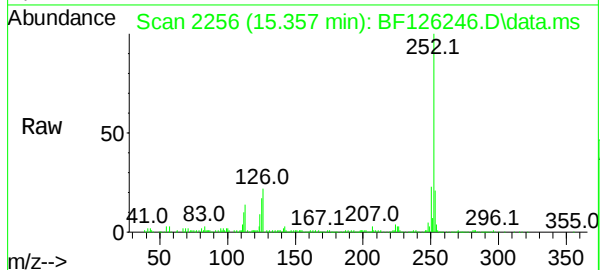
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	16.3	7.2	10.8#





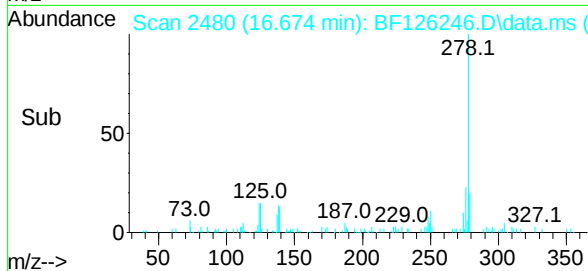
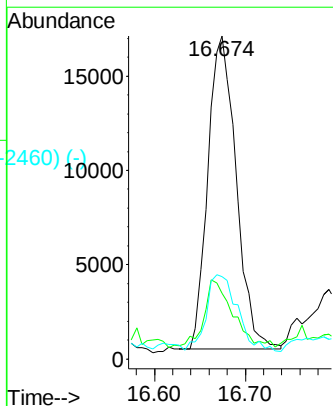
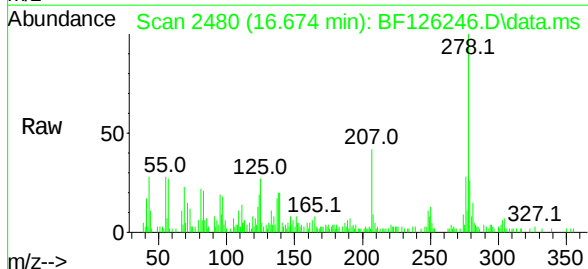
Benzo(a)pyrene
Concen: 16.610 ng
RT: 15.357 min Scan# 2256
Delta R.T. 0.006 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

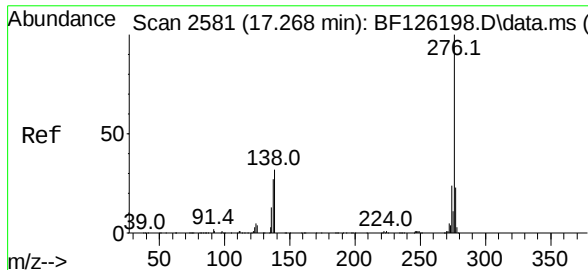
Tgt Ion:252	Resp:	222477
Ion Ratio	Lower	Upper
252 100		
253 20.7	18.4	27.6
125 17.0	9.9	14.9#



Dibenzo(a,h)anthracene
Concen: 2.476 ng
RT: 16.674 min Scan# 2480
Delta R.T. -0.182 min
Lab File: BF126246.D
Acq: 17 Dec 2021 21:07

Tgt Ion:278	Resp:	36001
Ion Ratio	Lower	Upper
278 100		
139 20.3	14.9	22.3
279 25.5	19.7	29.5





Benzo(g,h,i)perylene
 Concen: 5.769 ng
 RT: 17.268 min Scan# 2581
 Delta R.T. 0.000 min
 Lab File: BF126246.D
 Acq: 17 Dec 2021 21:07

Tgt Ion:	276	Resp:	86802
Ion	Ratio	Lower	Upper
276	100		
277	22.0	22.0	33.0
138	31.7	22.2	33.4

