

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

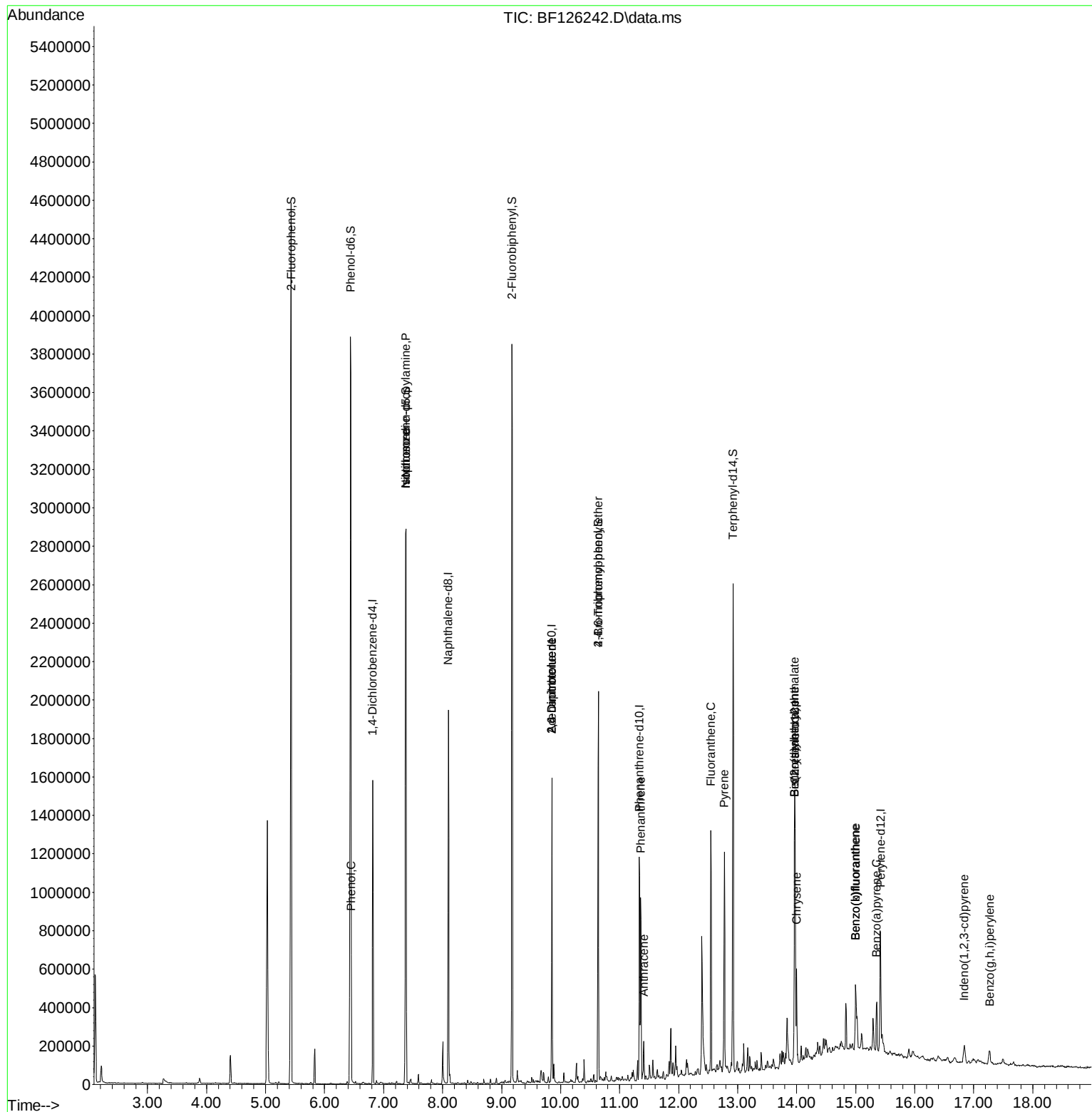
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

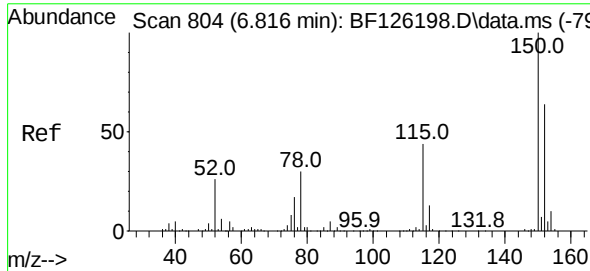
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	203307	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	783147	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	296485	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	407393	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	343975	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.375	70	133844	12.438	ng	# 55
25) Isophorone	7.375	82	1035082	37.906	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	37809	9.301	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	37809	7.291	ng	# 20
67) 4-Bromophenyl-phenylether	10.639	248	12242	3.202	ng	# 1
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	233255	14.793	ng	# 92
89) Benzo(k)fluoranthene	14.998	252	233255	15.464	ng	# 92
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

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

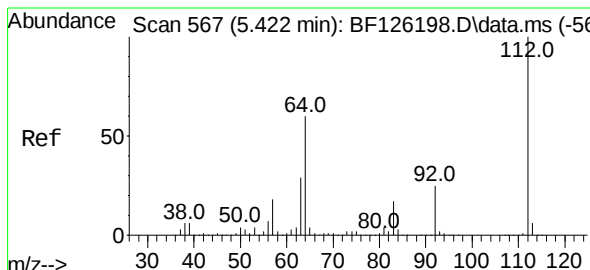
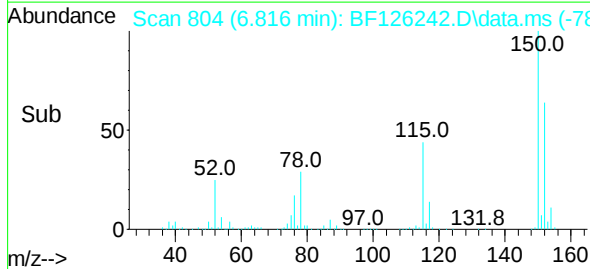
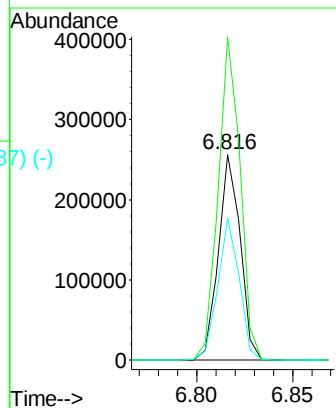
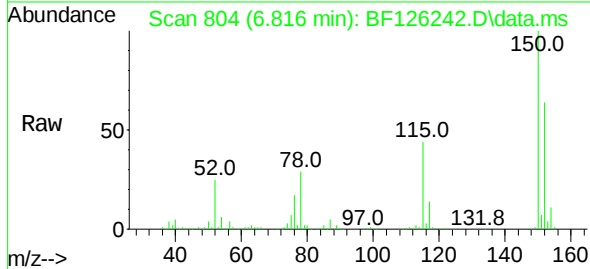
Quant Time: Dec 18 03:38:20 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration





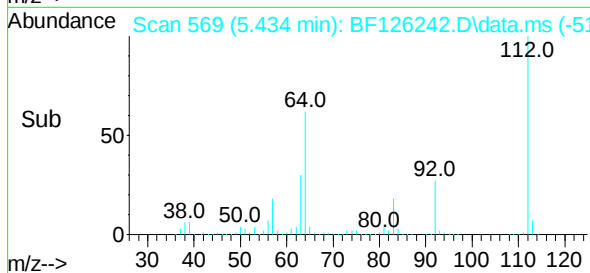
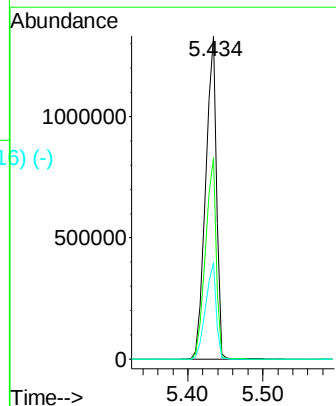
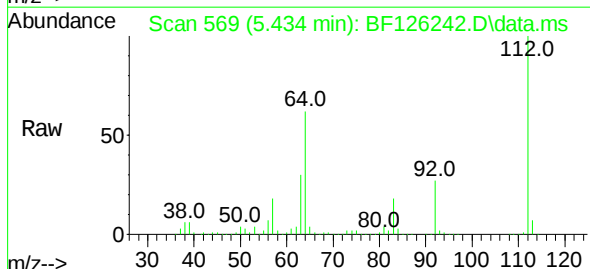
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

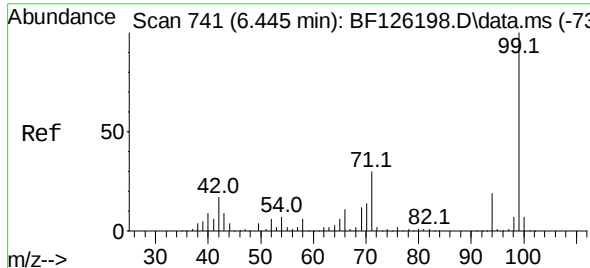
Tgt Ion:	152	Resp:	203307
Ion	Ratio	Lower	Upper
152	100		
150	157.3	117.6	176.4
115	69.1	47.1	70.7



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

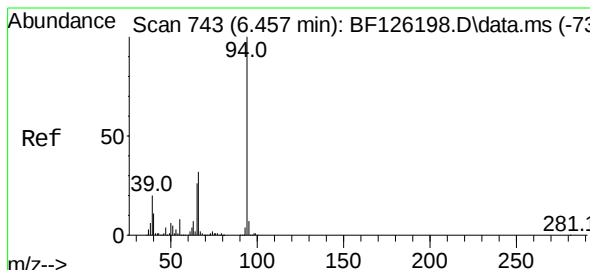
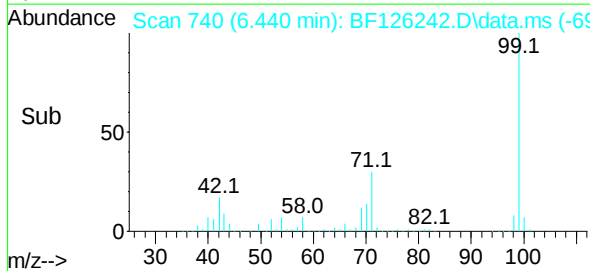
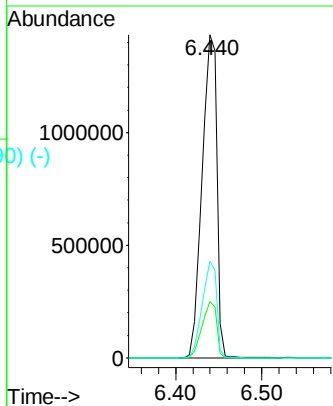
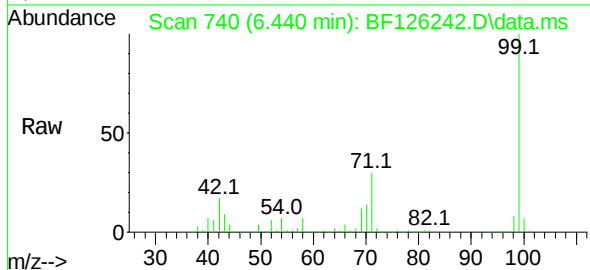
Tgt Ion:	112	Resp:	1369492
Ion	Ratio	Lower	Upper
112	100		
64	62.5	44.2	66.2
63	29.9	26.2	39.2





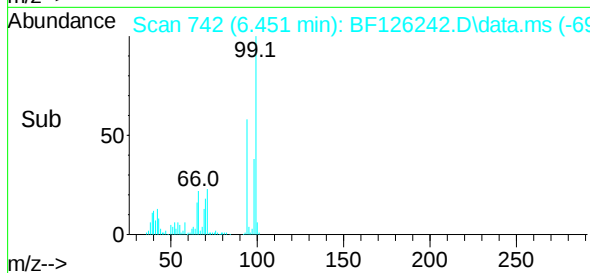
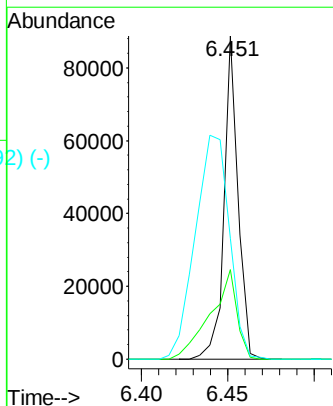
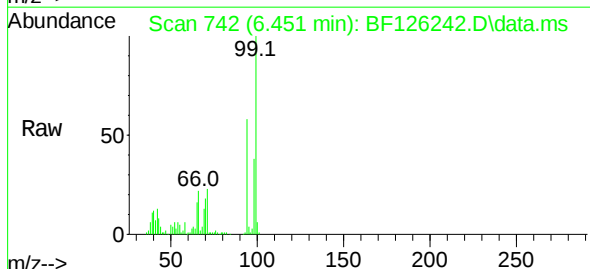
Phenol-d6
 Concen: 96.738 ng
 RT: 6.440 min Scan# 740
 Delta R.T. -0.006 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

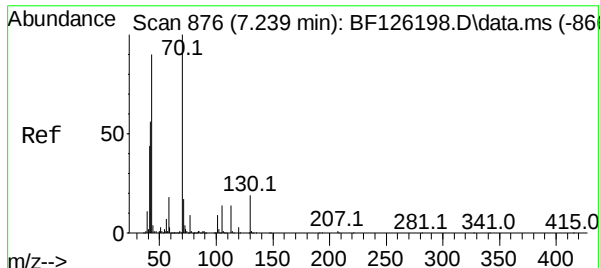
Tgt Ion: 99 Resp: 1695761
 Ion Ratio Lower Upper
 99 100
 42 17.5 23.5 35.3#
 71 30.0 25.6 38.4



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

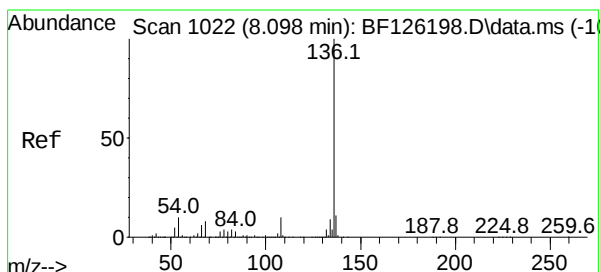
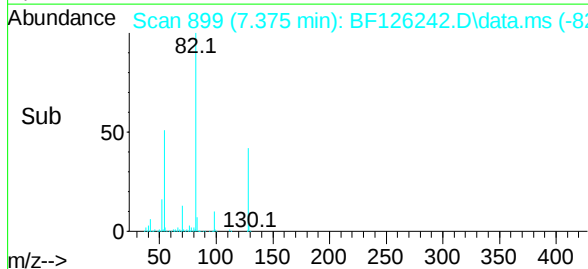
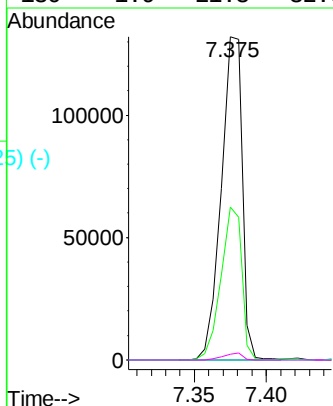
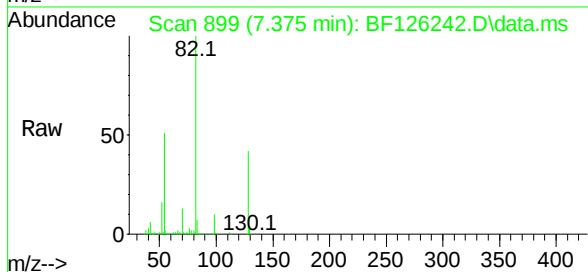
Tgt Ion: 94 Resp: 50760
 Ion Ratio Lower Upper
 94 100
 65 27.7 9.3 49.3
 66 37.3 20.3 60.3





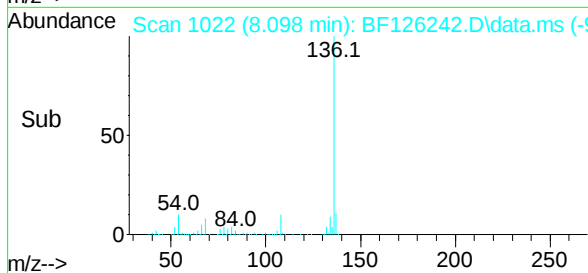
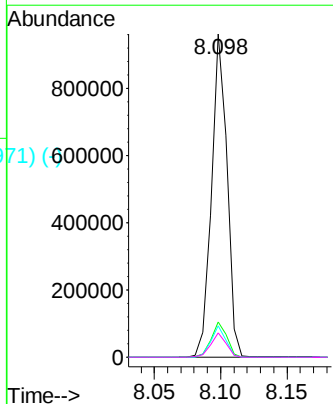
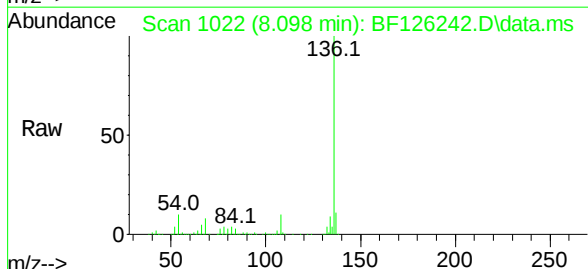
#19
n-Nitroso-di-n-propylamine
Concen: 12.438 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:	70	Resp:	133844
Ion	Ratio	Lower	Upper
70	100		
42	47.4	72.2	108.2#
101	0.0	7.8	11.8#
130	1.9	21.8	32.6#



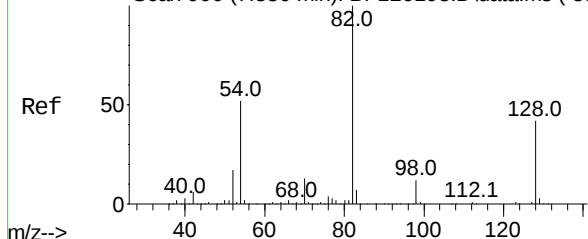
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

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#

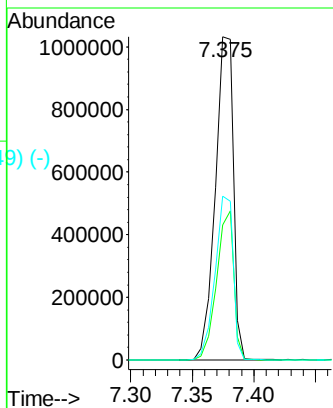
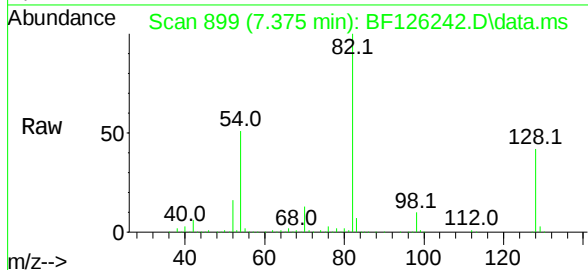


Abundance Scan 900 (7.380 min): BF126198.D\data.ms (-895) #23

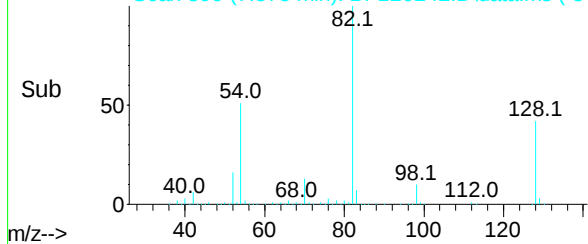
Nitrobenzene-d5
Concen: 72.752 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58



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

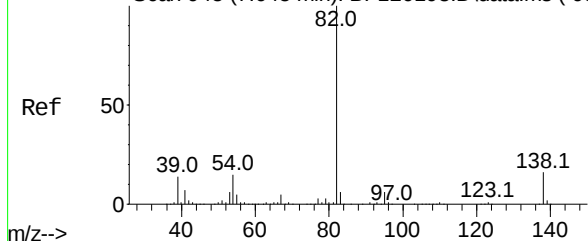


Abundance Scan 899 (7.375 min): BF126242.D\data.ms (-849) (-)

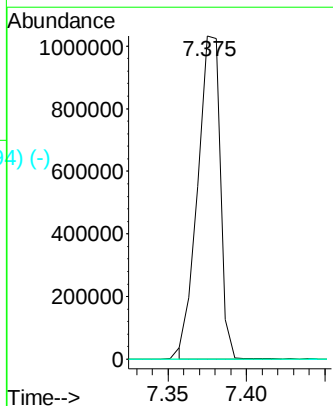
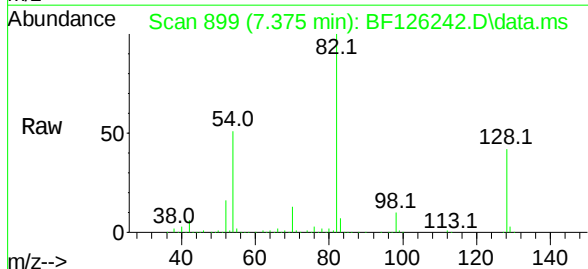


Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25

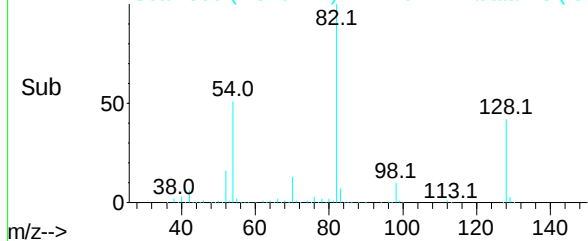
Isophorone
Concen: 37.906 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58



Tgt Ion:	82	Resp:	1035082
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#



Abundance Scan 899 (7.375 min): BF126242.D\data.ms (-894) (-)



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

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

Abundance Scan 1320 (9.851 min): BF126242.D\data.ms

Ref 50

54.0 80.0 106.0 132.1 164.1

m/z-->

Abundance Scan 1320 (9.851 min): BF126242.D\data.ms

Raw 50

54.0 80.1 106.1 132.1 164.1

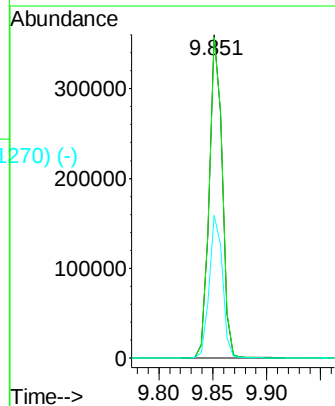
m/z-->

Abundance Scan 1320 (9.851 min): BF126242.D\data.ms (-1270) (-)

Sub 50

54.0 80.1 106.1 132.1 164.1

m/z-->



Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

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#

Abundance Scan 1454 (10.639 min): BF126242.D\data.ms

Ref 50

62.0 102.9 141.0 221.9 329.8

m/z-->

Abundance Scan 1454 (10.639 min): BF126242.D\data.ms

Raw 50

62.0 103.0 140.9 181.1 221.9 329.8

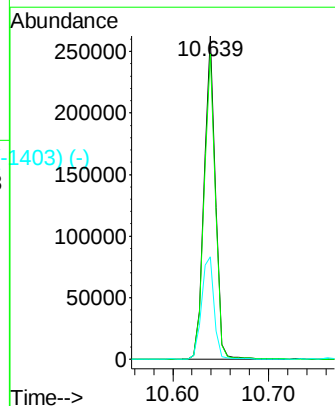
m/z-->

Abundance Scan 1454 (10.639 min): BF126242.D\data.ms (-1403) (-)

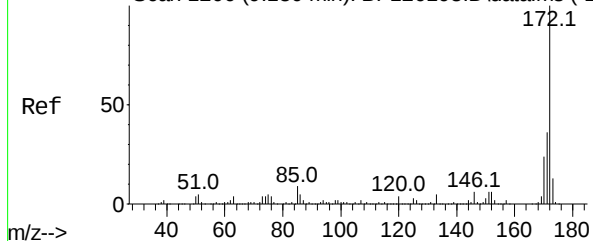
Sub 50

62.0 103.0 140.9 182.1 221.9 329.8

m/z-->

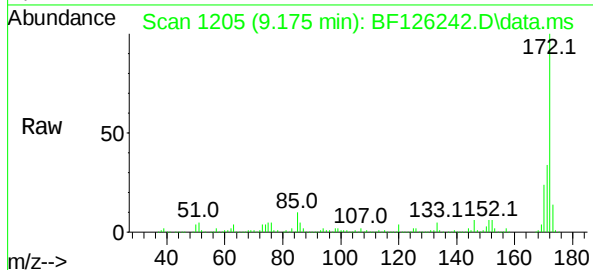


Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-1195)

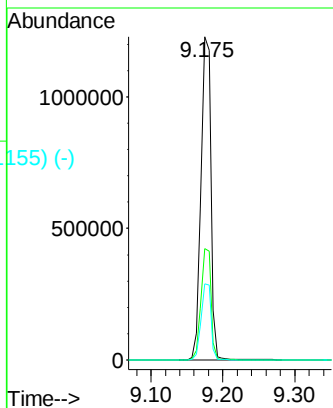
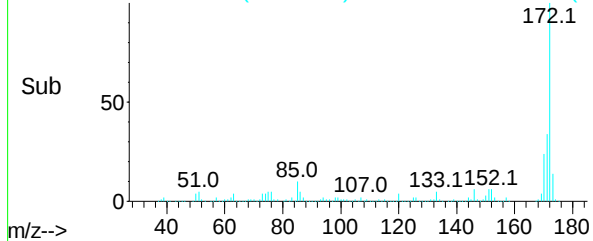


2-Fluorobiphenyl
Concen: 69.462 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

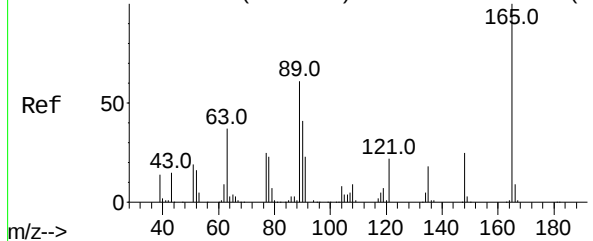
Tgt Ion:	172	Resp:	1174228
Ion	Ratio	Lower	Upper
172	100		
171	34.5	26.5	39.7
170	23.6	18.8	28.2



Abundance Scan 1205 (9.175 min): BF126242.D\data.ms (-1155) (-)

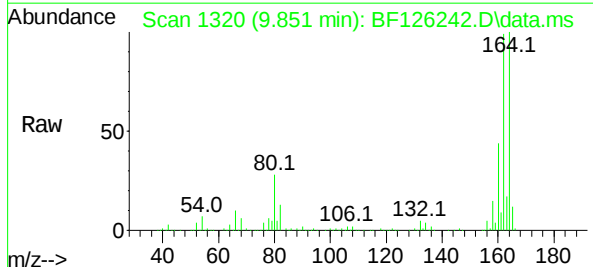


Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-1275)

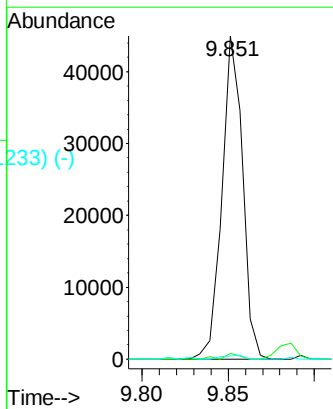
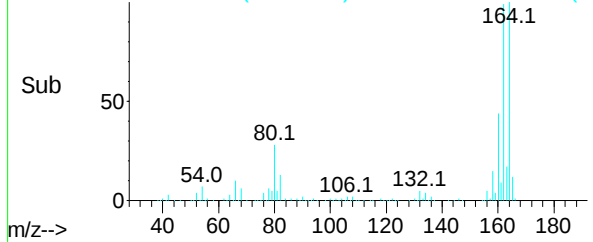


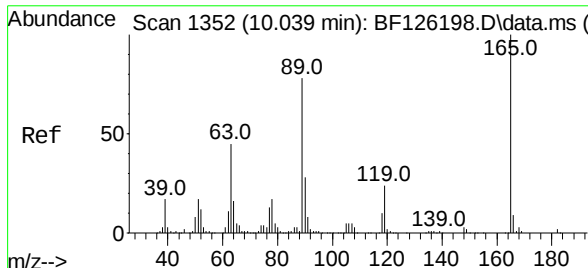
2,6-Dinitrotoluene
Concen: 9.301 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.212 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

Tgt Ion:	165	Resp:	37809
Ion	Ratio	Lower	Upper
165	100		
63	1.7	42.6	63.8#
89	1.1	40.6	60.8#



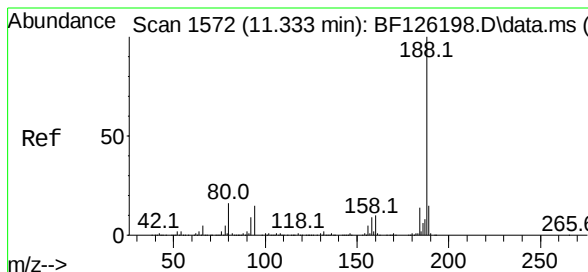
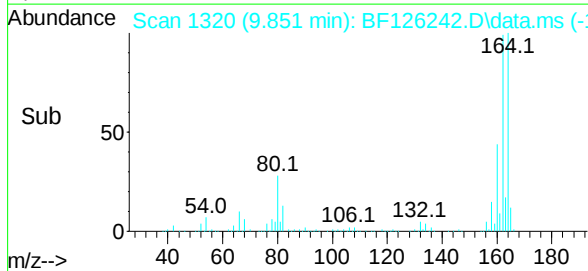
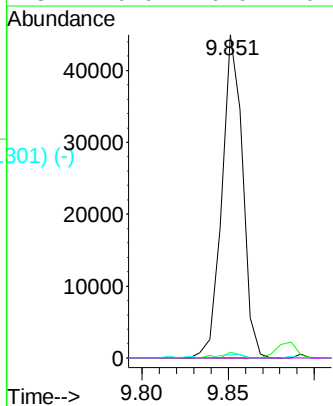
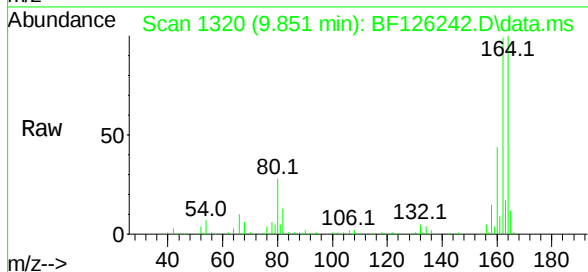
Abundance Scan 1320 (9.851 min): BF126242.D\data.ms (-1233) (-)





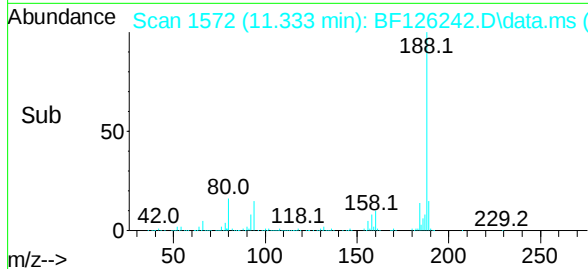
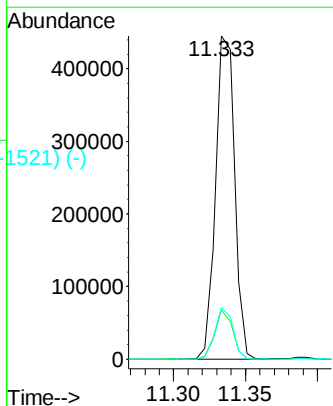
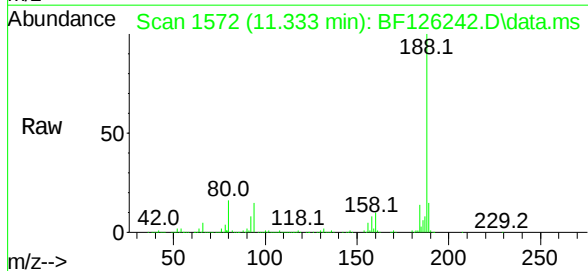
2,4-Dinitrotoluene
 Concen: 7.291 ng
 RT: 9.851 min Scan# 1320
 Delta R.T. -0.188 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	40.9	61.3#
89	1.1	59.7	89.5#
182	0.0	0.0	0.0



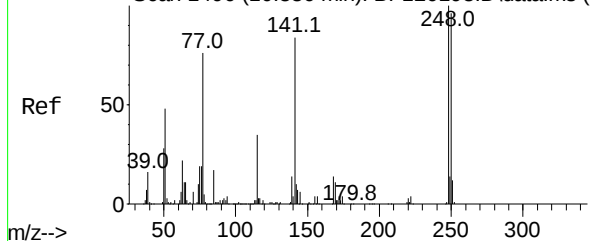
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.333 min Scan# 1572
 Delta R.T. 0.000 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

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

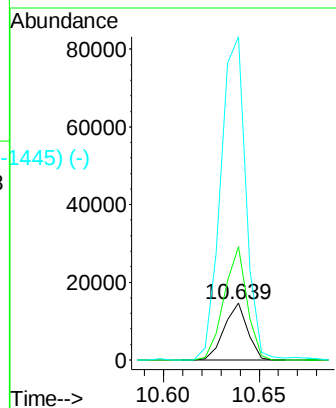
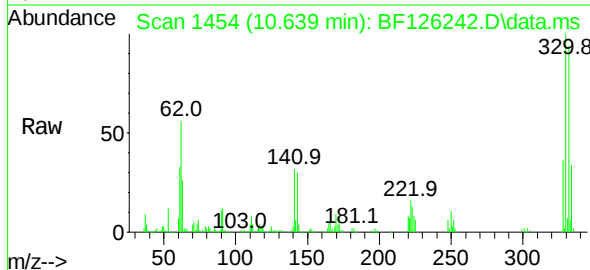


Abundance Scan 1496 (10.886 min): BF126198.D\data.ms (-1450) (-)

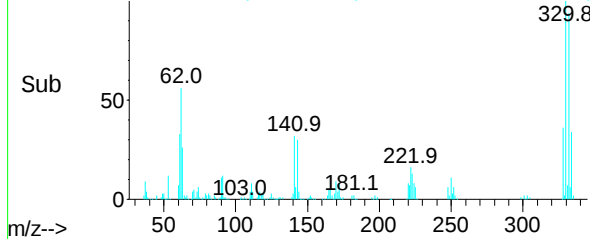
4-Bromophenyl-phenylether
Concen: 3.202 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58



Tgt Ion:	248	Resp:	12242
Ion	Ratio	Lower	Upper
248	100		
250	199.1	74.2	111.4#
141	569.0	60.4	90.6#

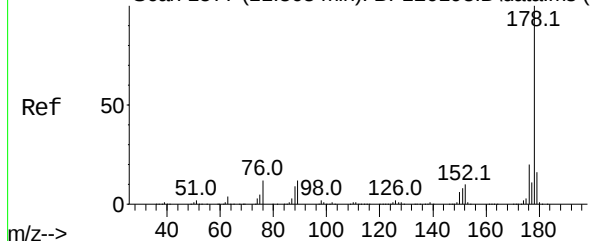


Abundance Scan 1454 (10.639 min): BF126242.D\data.ms (-1445) (-)

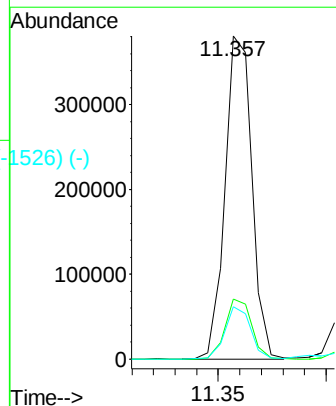
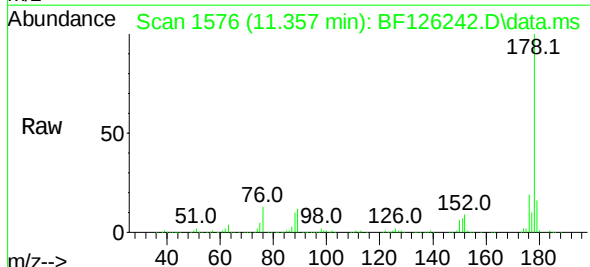


Abundance Scan 1577 (11.363 min): BF126198.D\data.ms (-1570) (-)

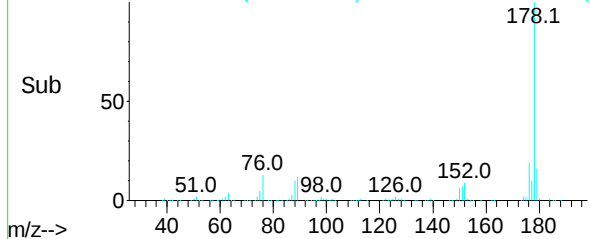
Phenanthrene
Concen: 15.816 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

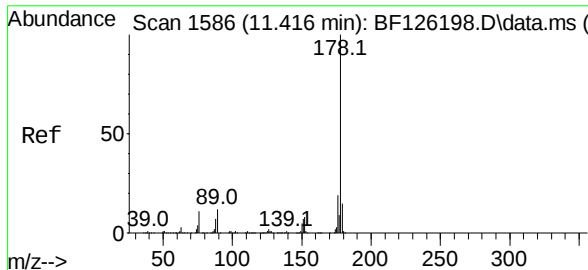


Tgt Ion:	178	Resp:	332553
Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	16.2	11.5	17.3



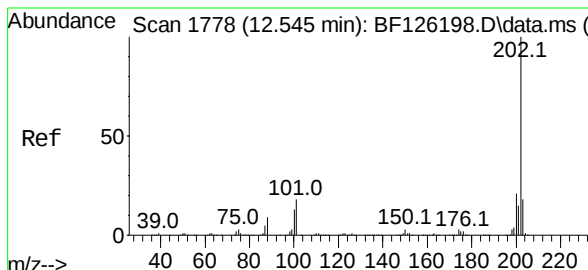
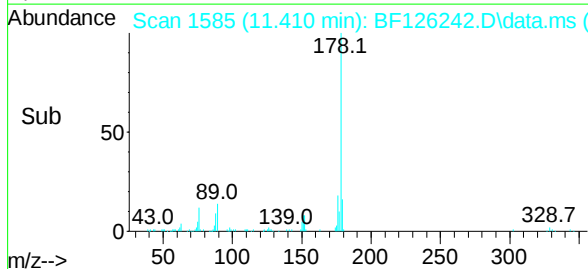
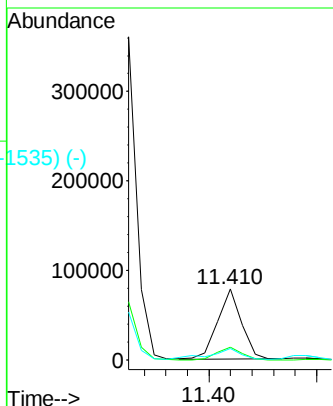
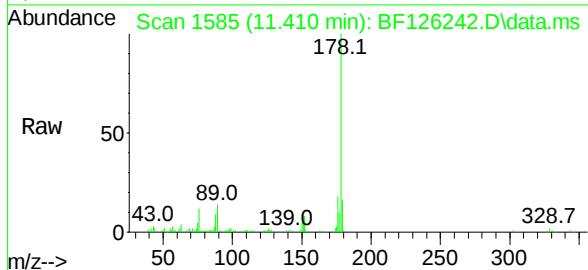
Abundance Scan 1576 (11.357 min): BF126242.D\data.ms (-1526) (-)





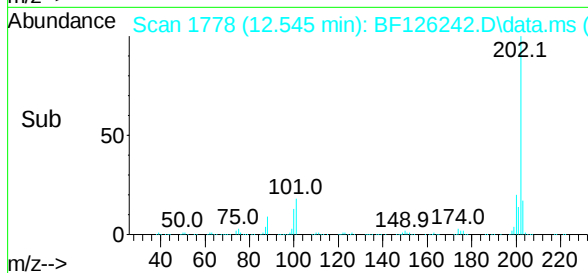
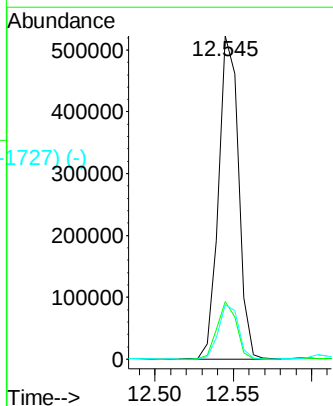
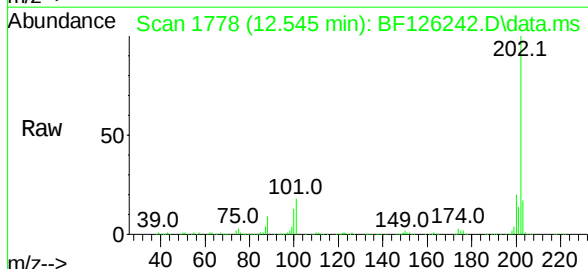
Anthracene
Concen: 2.860 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

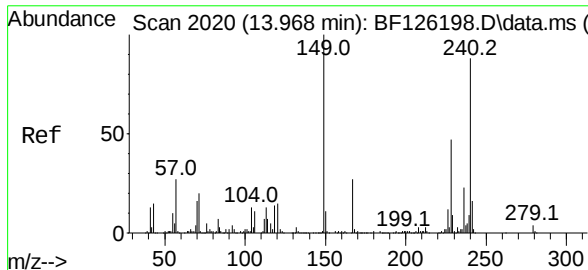
Tgt Ion:	178	Resp:	60354
Ion Ratio	Lower	Upper	
178	100		
176	18.2	14.3	21.5
179	15.7	12.2	18.4



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

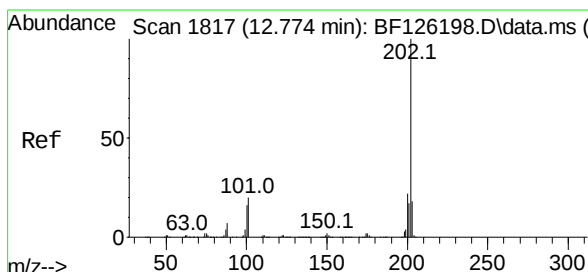
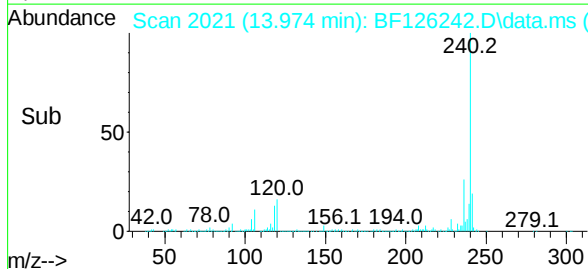
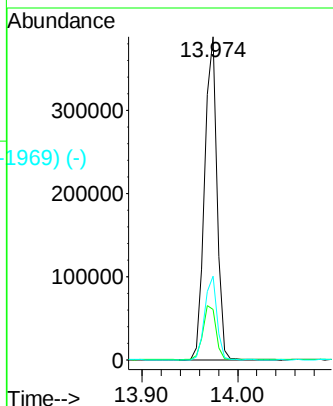
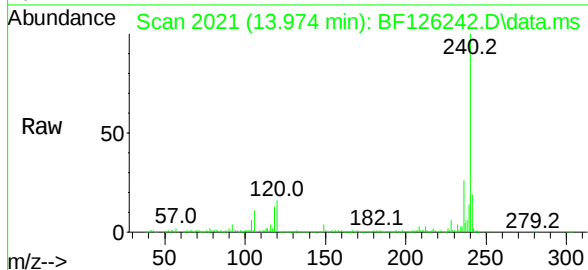
Tgt Ion:	202	Resp:	461896
Ion Ratio	Lower	Upper	
202	100		
101	17.9	0.0	30.7
203	16.9	0.0	36.3





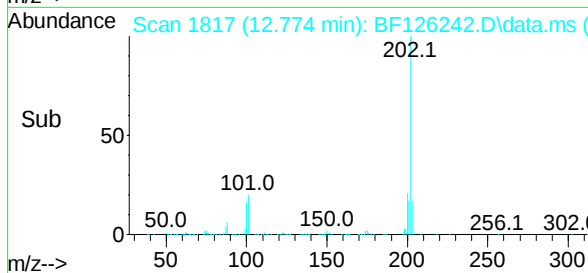
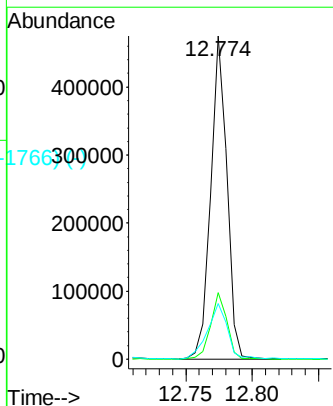
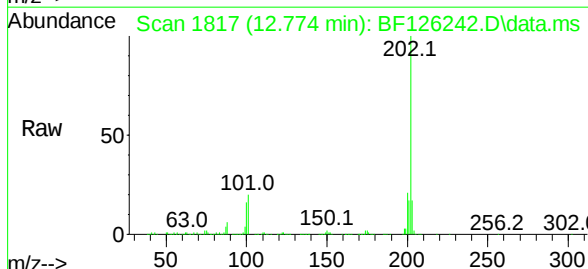
Scan 2020 (13.968 min): BF126198.D\data.ms (-1974) (-)
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.974 min Scan# 2021
 Delta R.T. 0.006 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

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



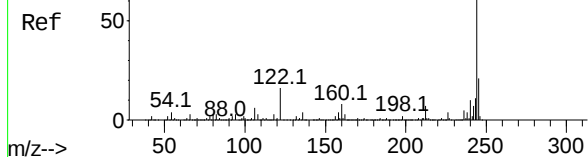
Scan 1817 (12.774 min): BF126198.D\data.ms (-1978) (-)
 Pyrene
 Concen: 12.825 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

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

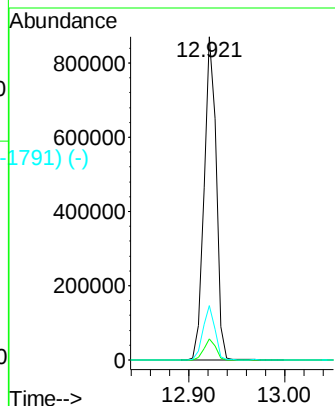
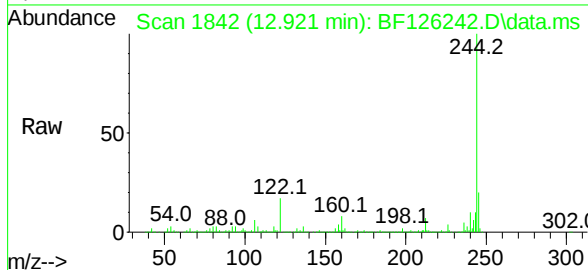


Abundance Scan 1842 (12.921 min): BF126198.D\data.ms (-1859) (-)

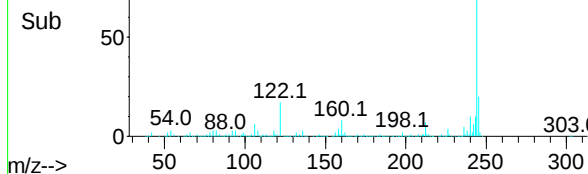
Terphenyl-d14
Concen: 38.966 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58



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#

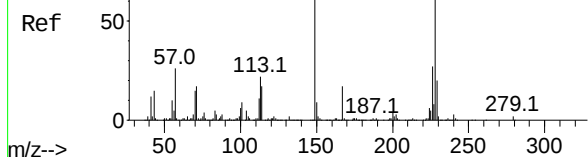


Abundance Scan 1842 (12.921 min): BF126242.D\data.ms (-1791) (-)

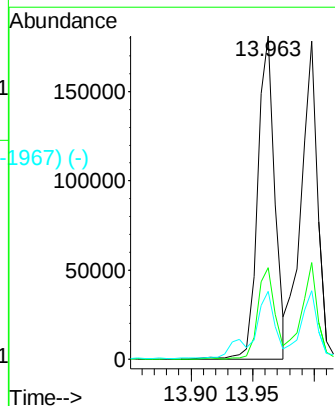
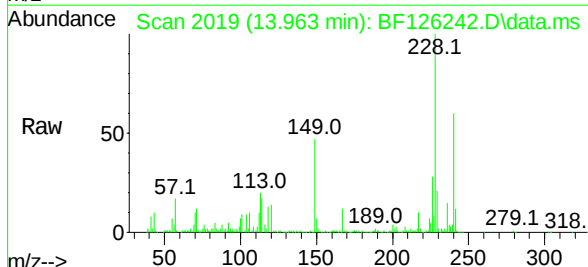


Abundance Scan 2018 (13.957 min): BF126198.D\data.ms (-2081) (-)

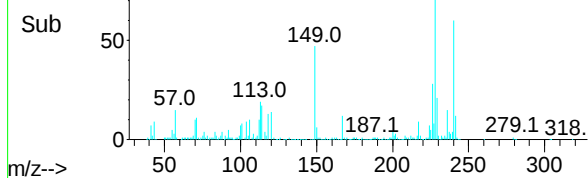
Benzo(a)anthracene
Concen: 8.662 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

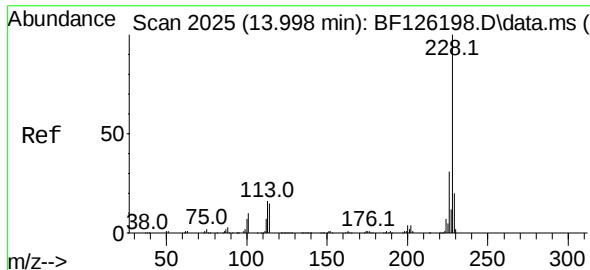


Tgt Ion:	228	Resp:	176494
Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.6	32.4
229	20.9	15.6	23.4



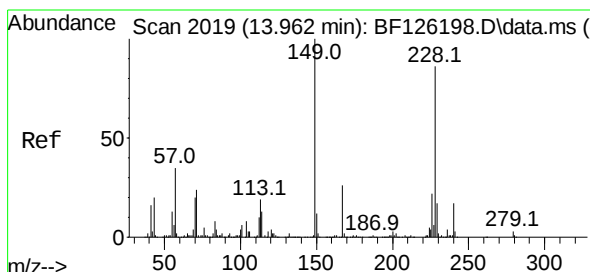
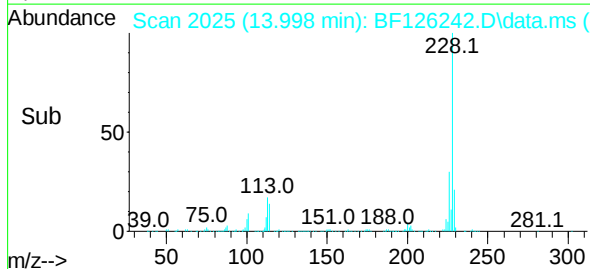
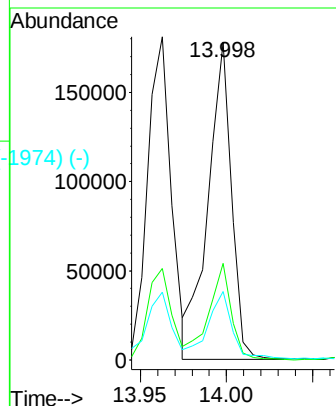
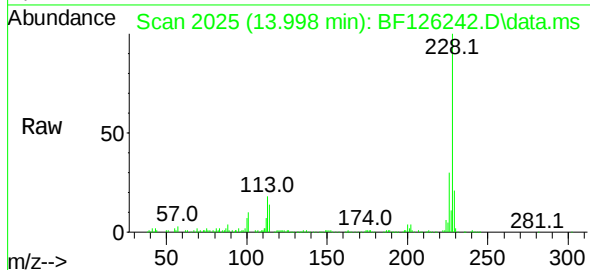
Abundance Scan 2019 (13.963 min): BF126242.D\data.ms (-1967) (-)





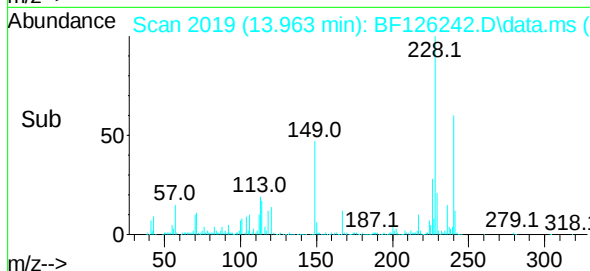
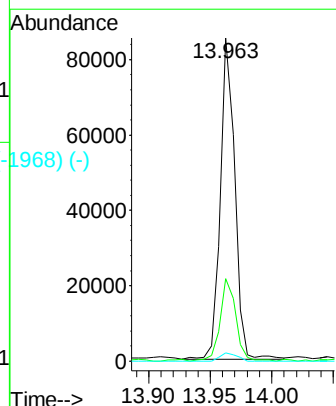
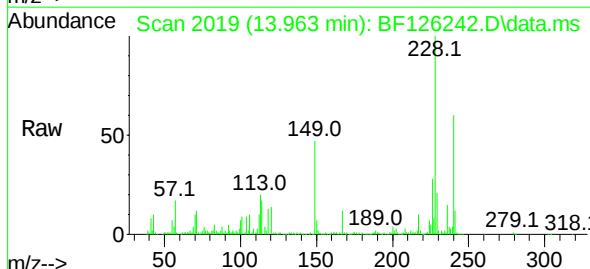
#23 (-)
Chrysene
Concen: 7.949 ng
RT: 13.998 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

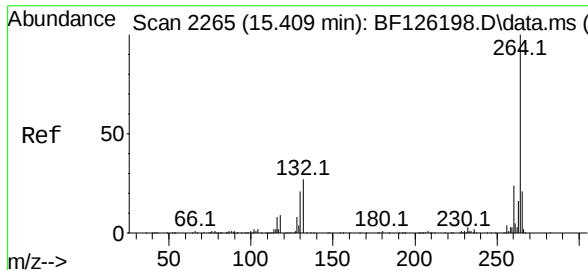
Tgt Ion:	228	Resp:	168269
Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.6	34.0
229	21.4	15.9	23.9



#24 (-)
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

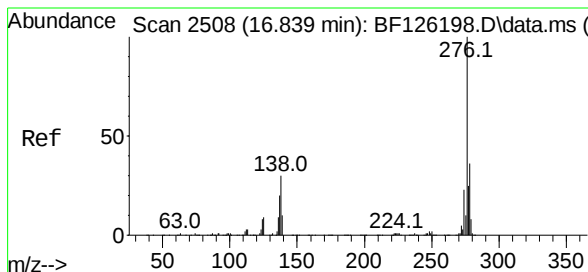
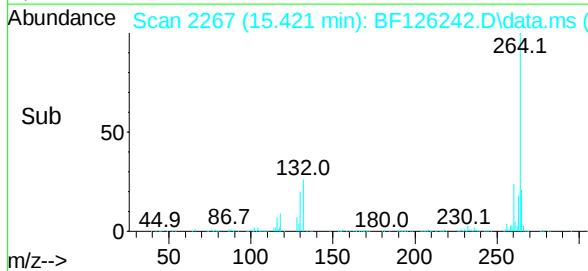
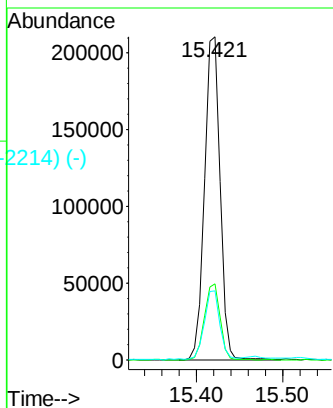
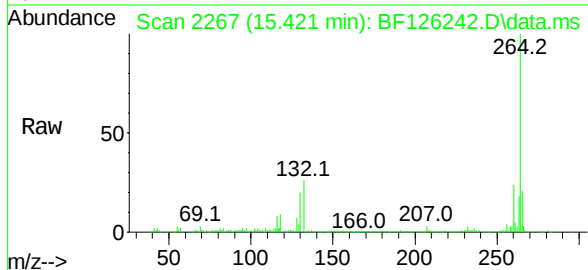
Tgt Ion:	149	Resp:	69197
Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.4	32.0
279	2.6	2.6	4.0#





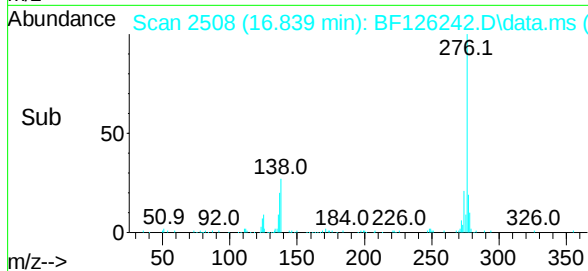
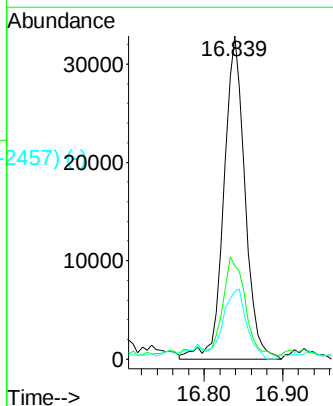
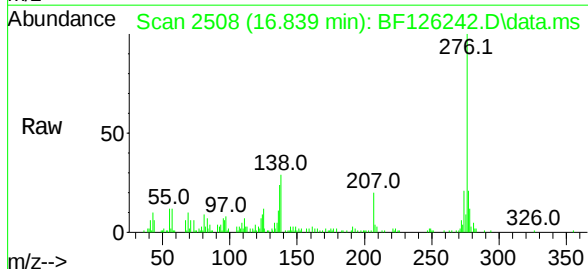
Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126242.D
 Acq: 17 Dec 2021 18:58

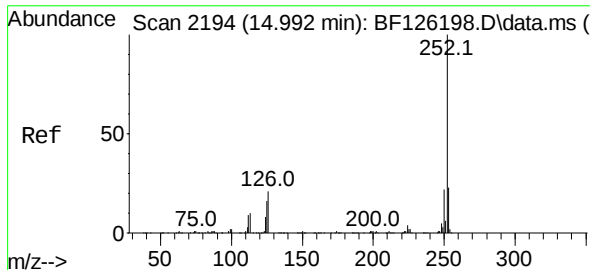
Tgt Ion:	264	Resp:	262423
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.2	25.8



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

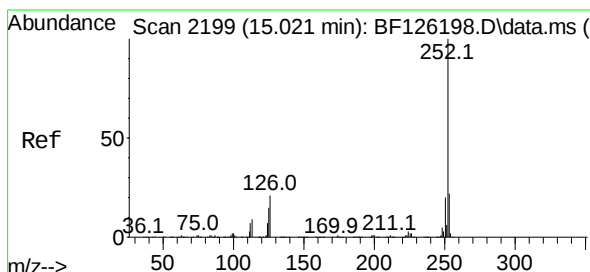
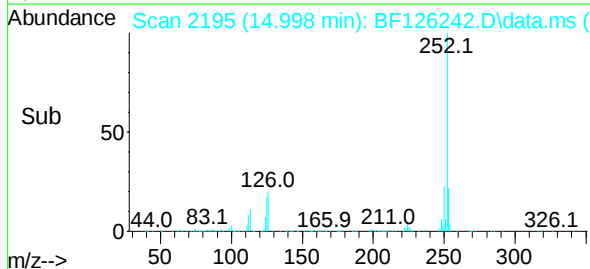
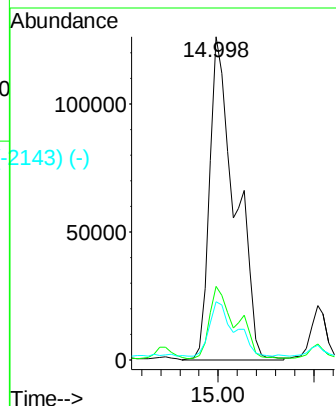
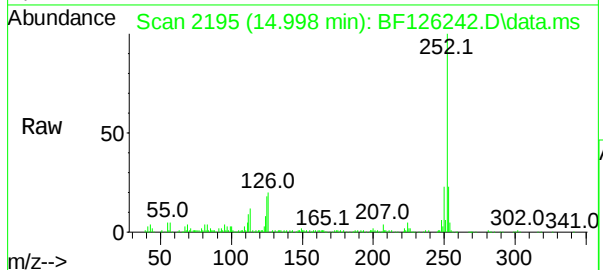
Tgt Ion:	276	Resp:	61471
Ion	Ratio	Lower	Upper
276	100		
138	31.9	24.1	36.1
277	24.0	18.8	28.2





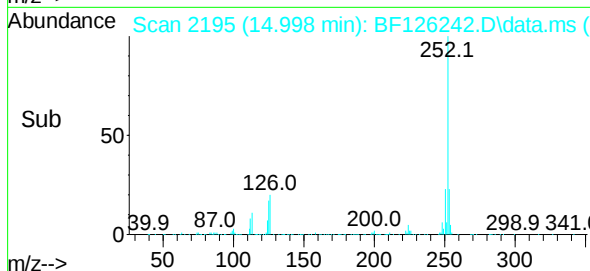
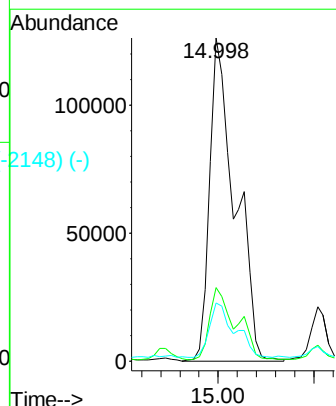
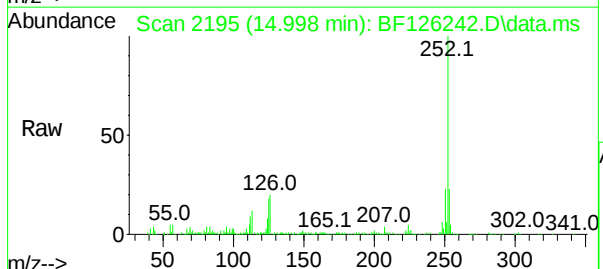
Benzo(b)fluoranthene
Concen: 14.793 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

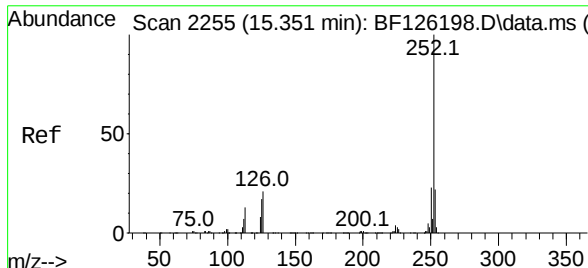
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	16.8	25.2
125	18.0	9.8	14.8#



Benzo(k)fluoranthene
Concen: 15.464 ng
RT: 14.998 min Scan# 2195
Delta R.T. -0.023 min
Lab File: BF126242.D
Acq: 17 Dec 2021 18:58

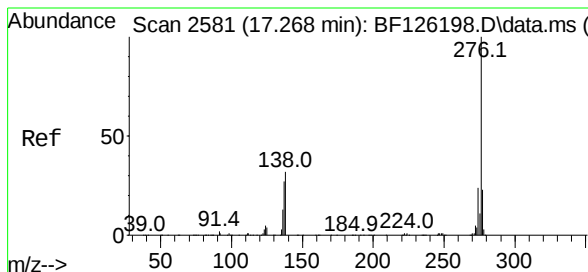
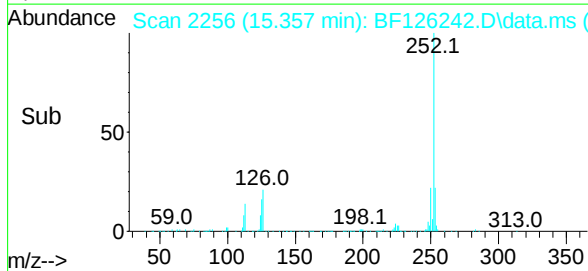
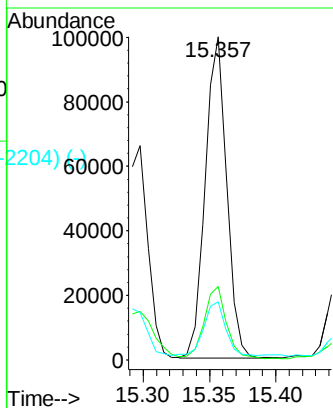
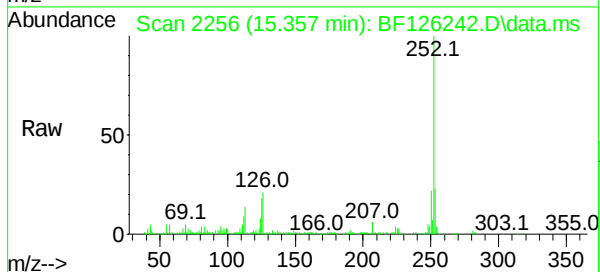
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	18.0	7.2	10.8#





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	Ratio	Lower	Upper
252	100		
253	22.7	18.4	27.6
125	17.9	9.9	14.9#



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	Ratio	Lower	Upper
276	100		
277	24.1	22.0	33.0
138	32.2	22.2	33.4

