

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121721\
 Data File : BF126245.D
 Acq On : 17 Dec 2021 20:35
 Operator : JU/CG
 Sample : M5105-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Dec 18 03:39:23 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

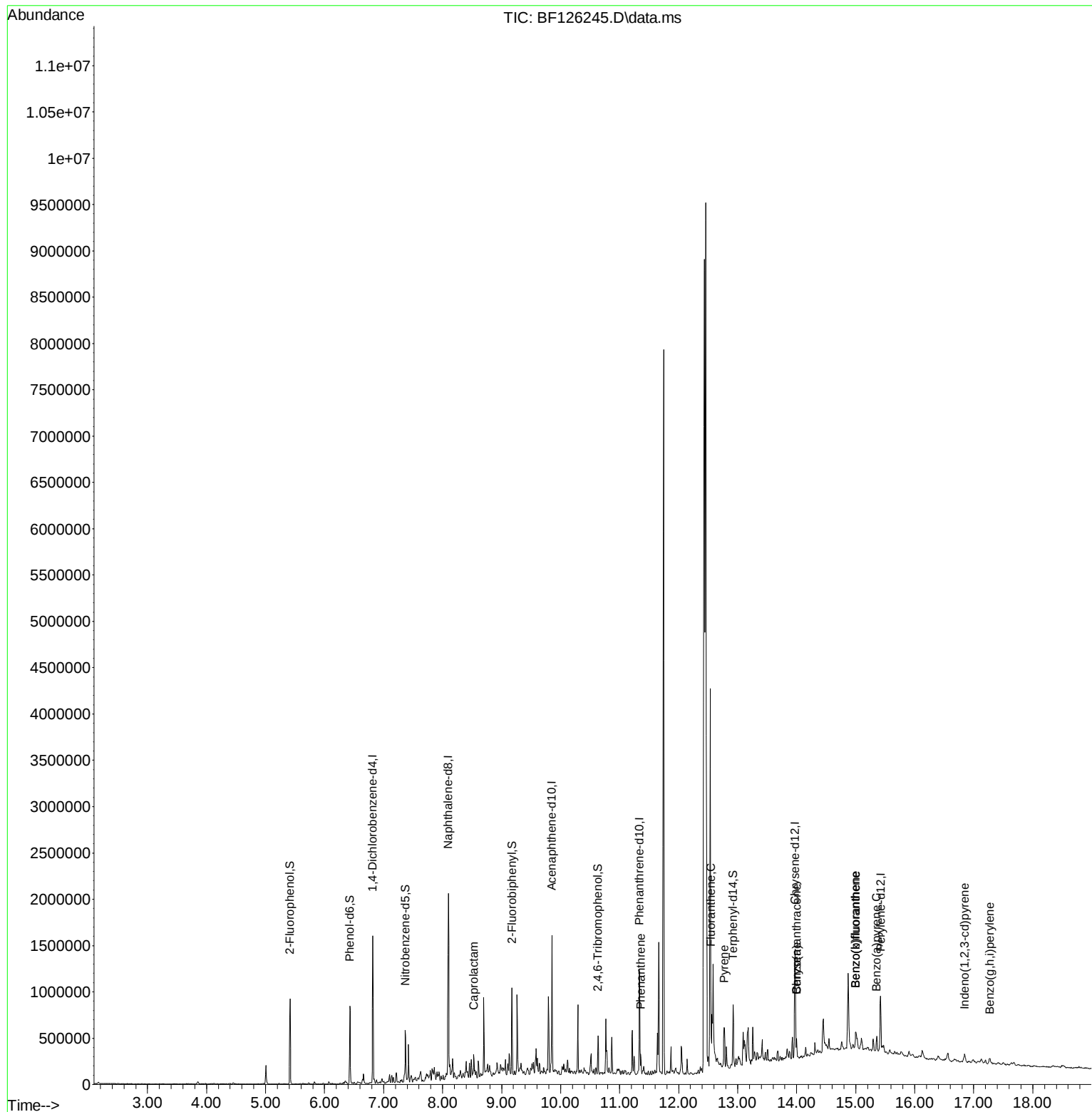
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

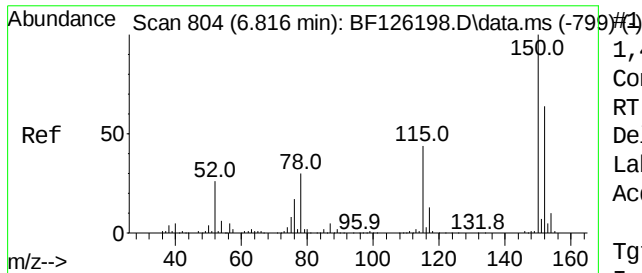
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	206840	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	751343	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	287814	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	410236	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	354911	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	246404	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	245502	17.479	ng	0.00
7) Phenol-d6	6.428	99	289282	16.221	ng	-0.02
23) Nitrobenzene-d5	7.369	82	167903	12.103	ng	-0.01
42) 2,4,6-Tribromophenol	10.633	330	31779	13.739	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	241433	14.712	ng	0.00
79) Terphenyl-d14	12.921	244	195118	9.556	ng	0.00
Target Compounds						
						Qvalue
35) Caprolactam	8.527	113	4751	2.028	ng	# 1
71) Phenanthrene	11.357	178	69894	3.301	ng	99
75) Fluoranthene	12.545	202	114145	5.983	ng	87
78) Pyrene	12.774	202	106397	3.263	ng	96
81) Benzo(a)anthracene	13.998	228	68841	3.275	ng	97
83) Chrysene	13.998	228	68841	3.152	ng	97
87) Indeno(1,2,3-cd)pyrene	16.845	276	46108	2.805	ng	# 93
88) Benzo(b)fluoranthene	14.998	252	132913	8.977	ng	# 86
89) Benzo(k)fluoranthene	14.998	252	132913	9.384	ng	# 86
90) Benzo(a)pyrene	15.356	252	67268	5.467	ng	# 91
92) Benzo(g,h,i)perylene	17.274	276	47464	3.434	ng	# 87

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

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Misc :
ALS Vial : 20 Sample Multiplier: 1

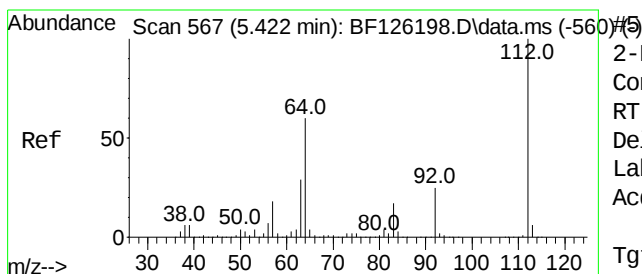
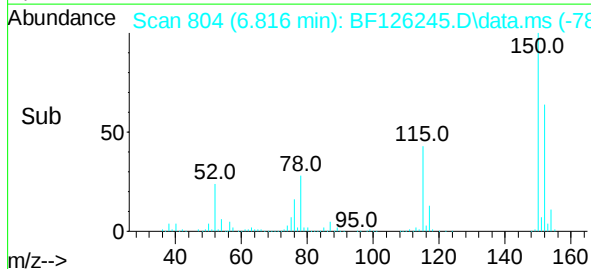
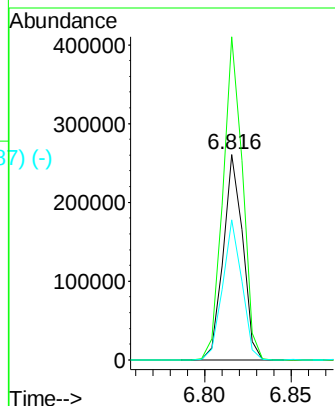
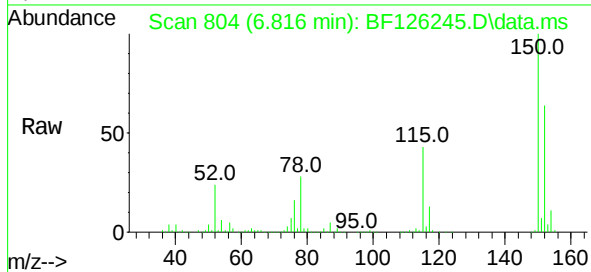
Quant Time: Dec 18 03:39:23 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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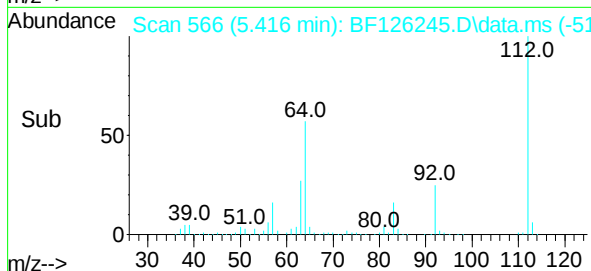
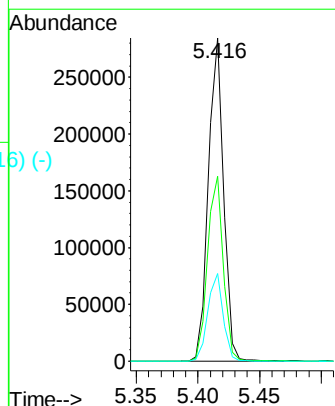
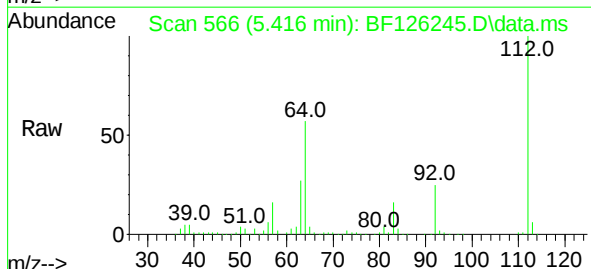
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

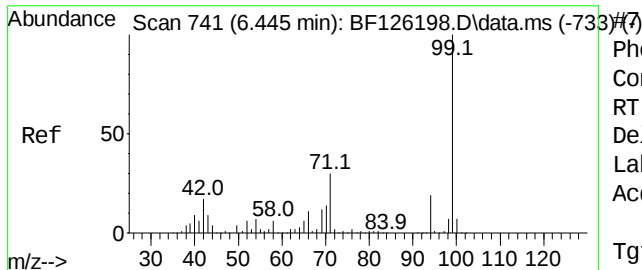
Tgt Ion:	152	Resp:	206840
Ion	Ratio	Lower	Upper
152	100		
150	157.3	117.6	176.4
115	68.3	47.1	70.7



2-Fluorophenol
 Concen: 17.479 ng
 RT: 5.416 min Scan# 566
 Delta R.T. -0.006 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

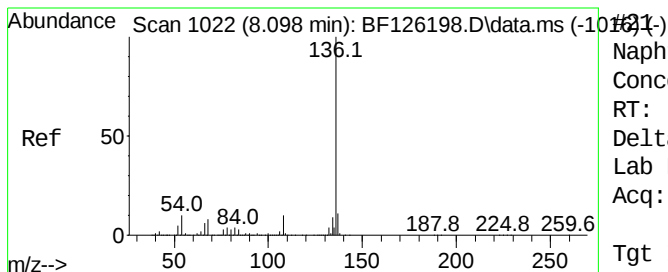
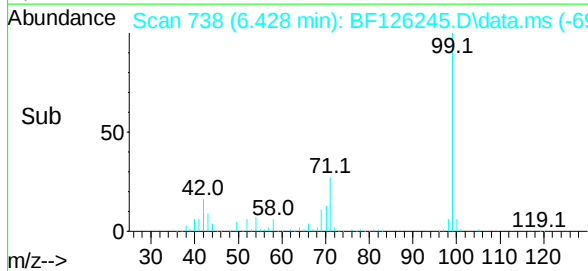
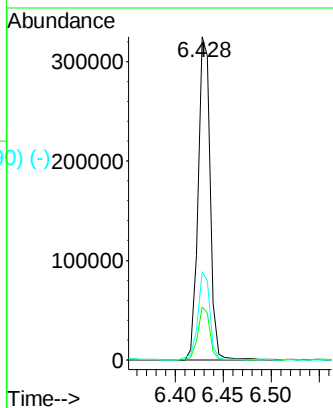
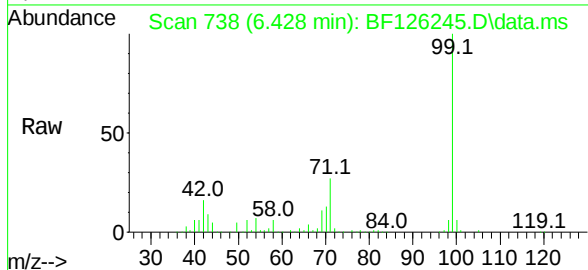
Tgt Ion:	112	Resp:	245502
Ion	Ratio	Lower	Upper
112	100		
64	57.1	44.2	66.2
63	27.0	26.2	39.2





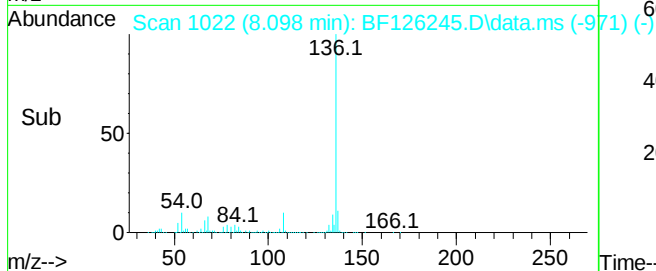
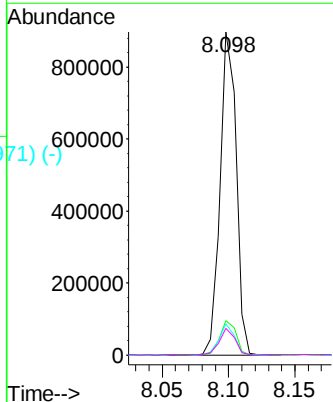
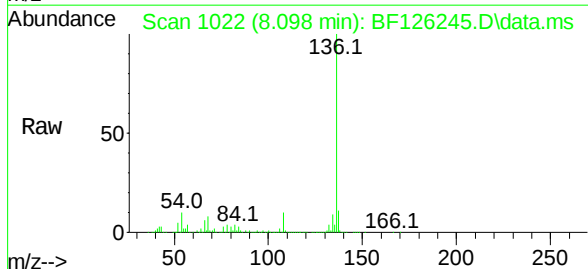
Phenol-d6
 Concen: 16.221 ng
 RT: 6.428 min Scan# 738
 Delta R.T. -0.018 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.3	23.5	35.3#
71	27.4	25.6	38.4

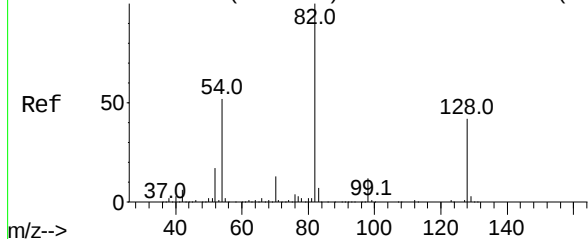


Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.098 min Scan# 1022
 Delta R.T. 0.000 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.8	6.4	9.6#
68	8.2	3.3	4.9#

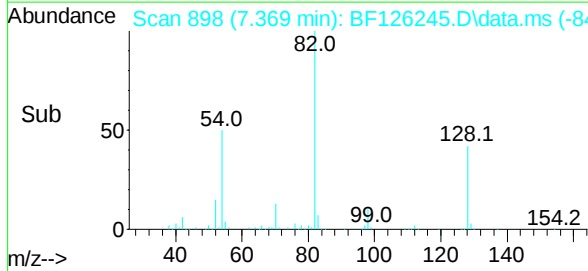
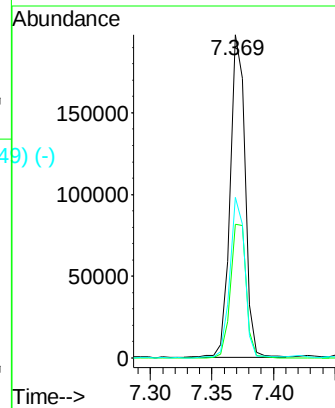
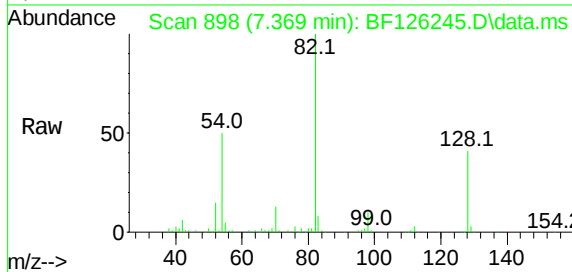


Abundance Scan 900 (7.380 min): BF126198.D\data.ms (-895) (-)

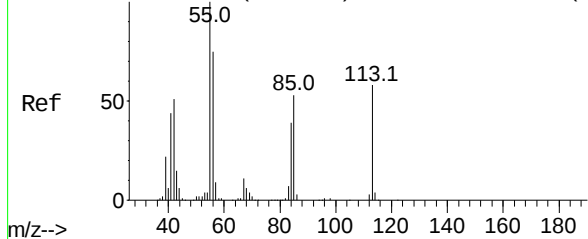


Nitrobenzene-d5
Concen: 12.103 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:	82	Resp:	167903
Ion	Ratio	Lower	Upper
82	100		
128	41.4	40.6	60.8
54	49.7	49.6	74.4

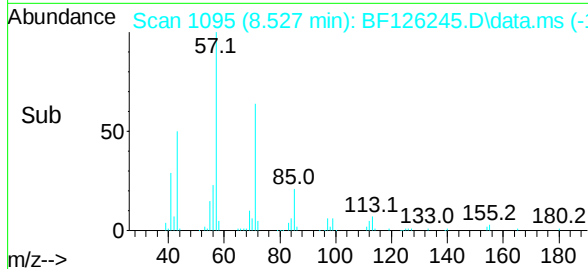
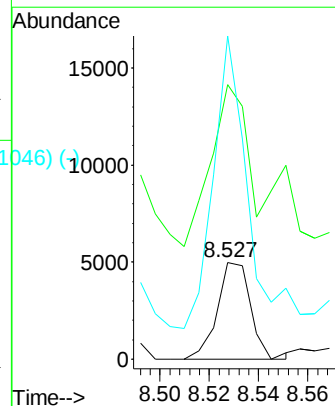
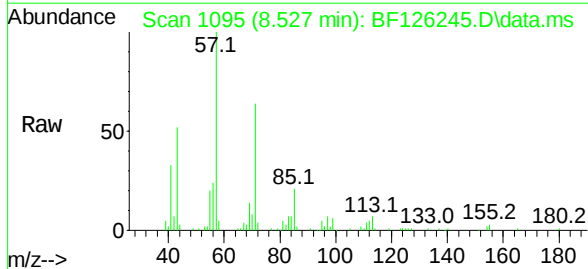


Abundance Scan 1097 (8.539 min): BF126198.D\data.ms (-1095) (-)

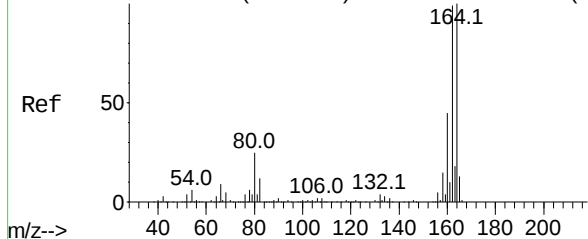


Caprolactam
Concen: 2.028 ng
RT: 8.527 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:	113	Resp:	4751
Ion	Ratio	Lower	Upper
113	100		
55	284.4	154.1	194.1#
56	334.4	108.7	148.7#

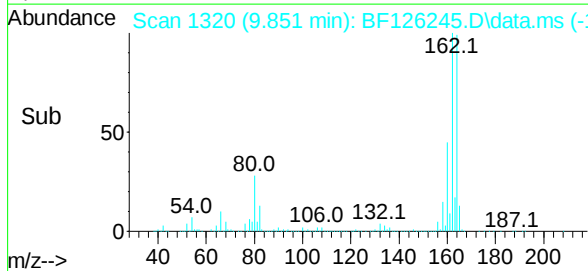
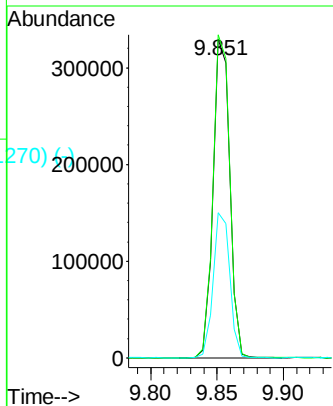
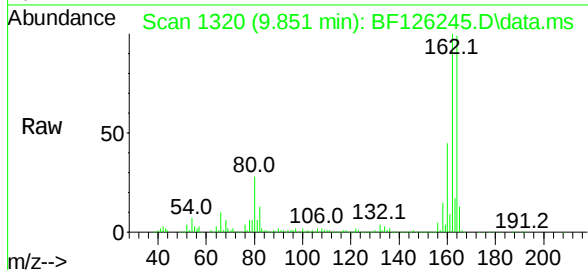


Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

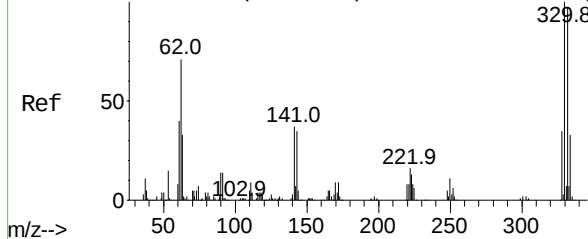


Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.3	121.9
160	45.5	38.0	57.0

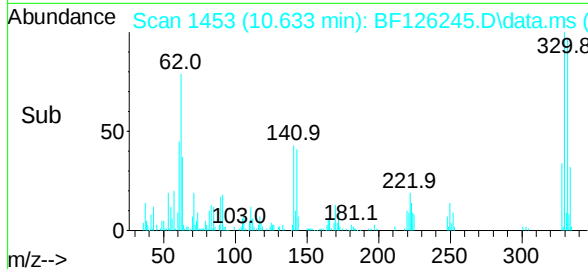
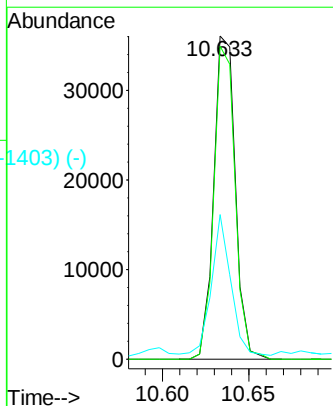
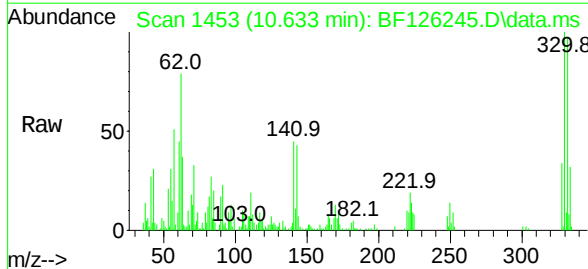


Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

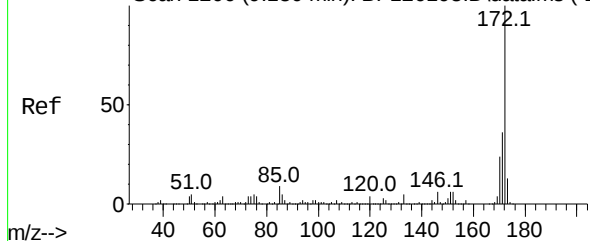


2,4,6-Tribromophenol
Concen: 13.739 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.2	114.4
141	38.7	44.6	66.8#

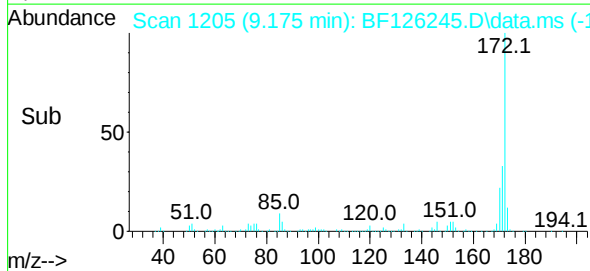
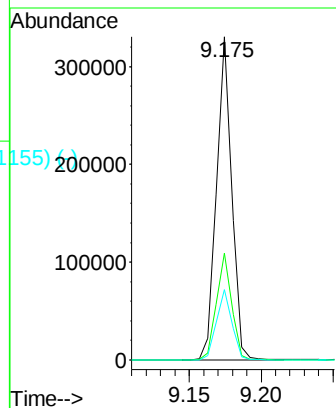
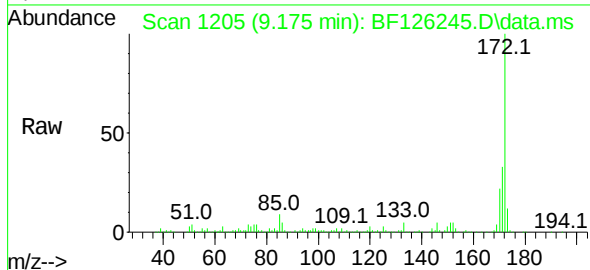


Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-11945)

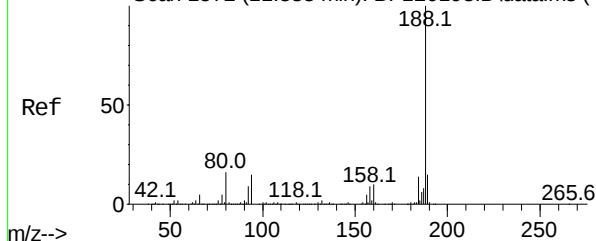


2-Fluorobiphenyl
Concen: 14.712 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:	172	Resp:	241433
Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.5	39.7
170	21.8	18.8	28.2

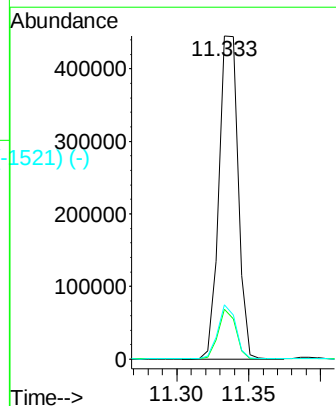
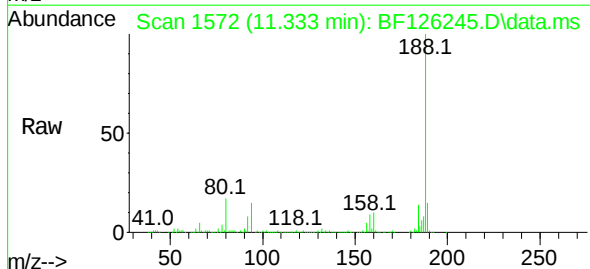


Abundance Scan 1572 (11.333 min): BF126198.D\data.ms (-1564)

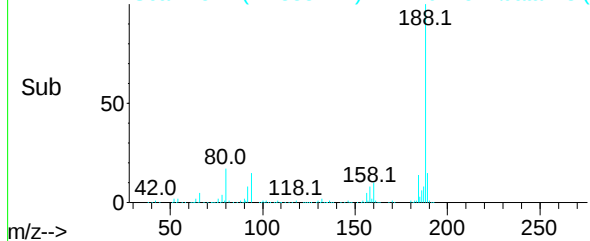


Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:	188	Resp:	410236
Ion	Ratio	Lower	Upper
188	100		
94	15.4	6.7	10.1#
80	16.8	7.5	11.3#

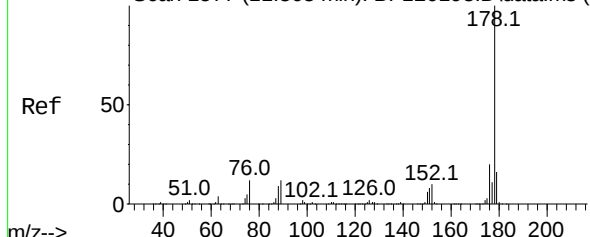


Abundance Scan 1572 (11.333 min): BF126245.D\data.ms (-1521)

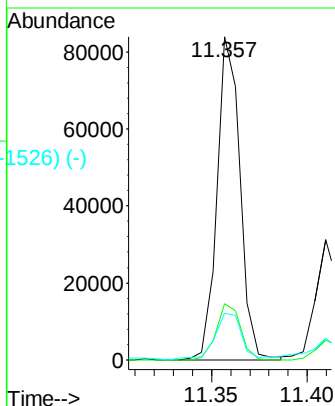
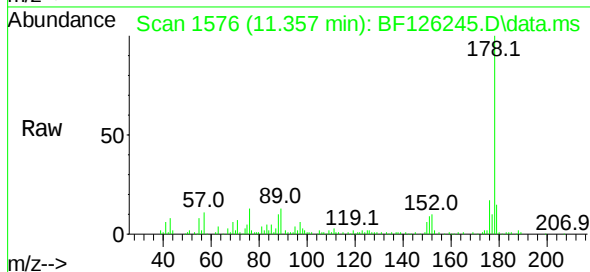


Abundance Scan 1577 (11.363 min): BF126198.D\data.ms (-1577) (-)

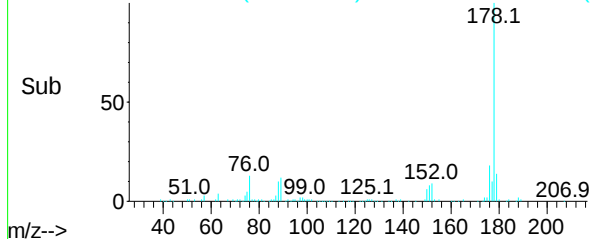
Phenanthrene
Concen: 3.301 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35



Tgt Ion:	178	Resp:	69894
Ion	Ratio	Lower	Upper
178	100		
176	17.5	14.7	22.1
179	14.5	11.5	17.3

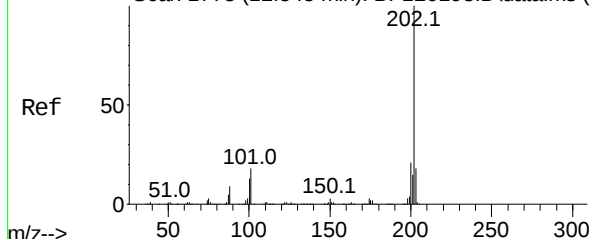


Abundance Scan 1576 (11.357 min): BF126245.D\data.ms (-1526) (-)

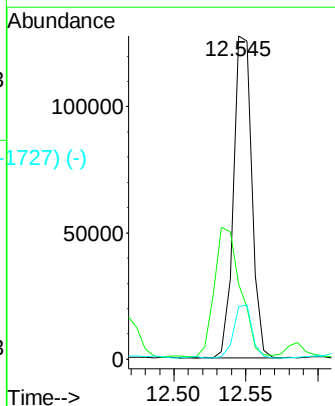
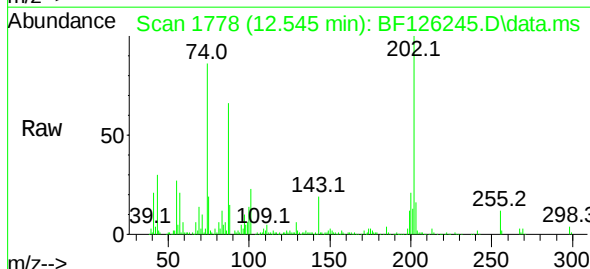


Abundance Scan 1778 (12.545 min): BF126198.D\data.ms (-1778) (-)

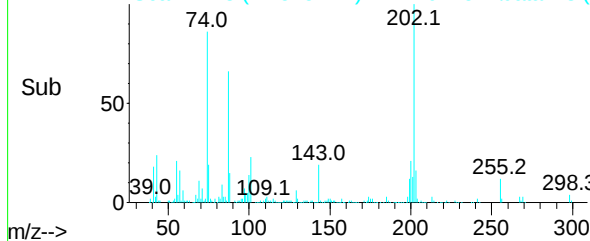
Fluoranthene
Concen: 5.983 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35



Tgt Ion:	202	Resp:	114145
Ion	Ratio	Lower	Upper
202	100		
101	23.1	0.0	30.7
203	16.2	0.0	36.3

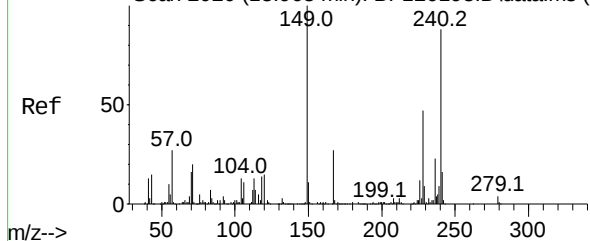


Abundance Scan 1778 (12.545 min): BF126245.D\data.ms (-1727) (-)

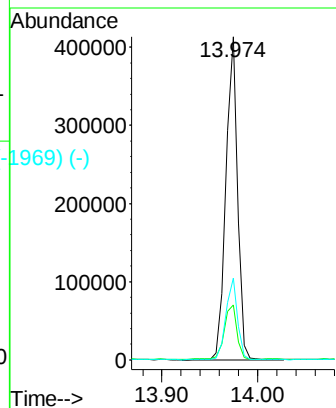
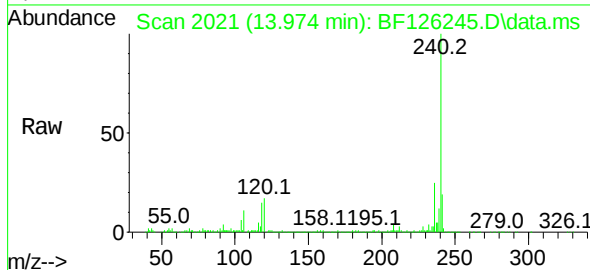


Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-1974) (-)

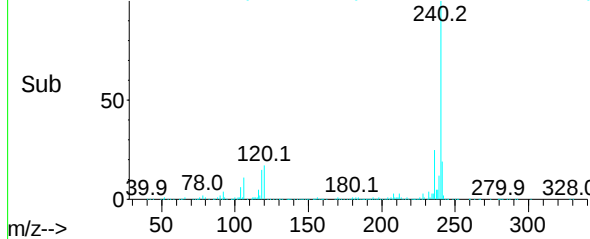
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35



Tgt Ion:	240	Resp:	354911
Ion	Ratio	Lower	Upper
240	100		
120	17.0	10.8	16.2#
236	25.3	21.6	32.4

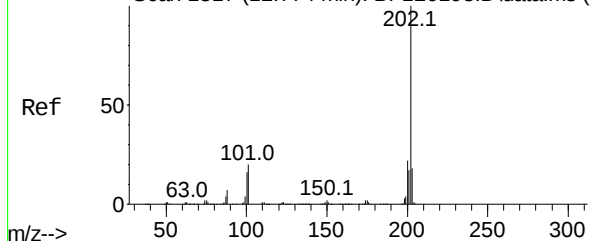


Abundance Scan 2021 (13.974 min): BF126245.D\data.ms (-1969) (-)

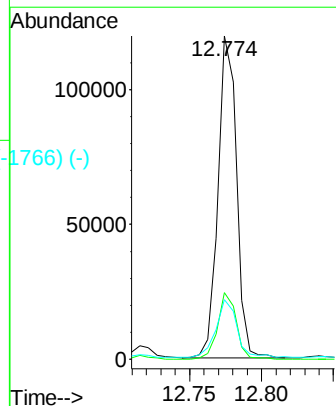
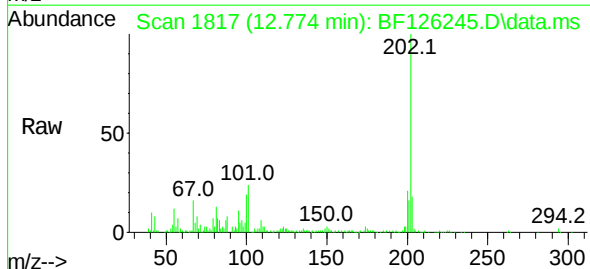


Abundance Scan 1817 (12.774 min): BF126198.D\data.ms (-1978) (-)

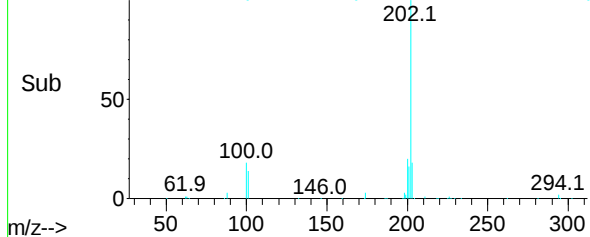
Pyrene
Concen: 3.263 ng
RT: 12.774 min Scan# 1817
Delta R.T. 0.000 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

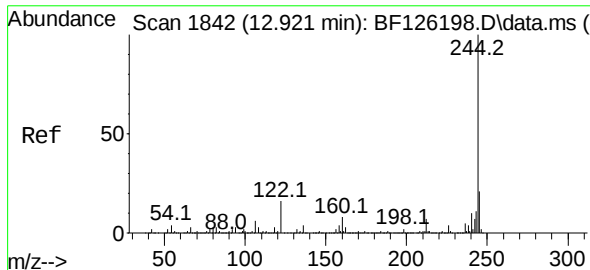


Tgt Ion:	202	Resp:	106397
Ion	Ratio	Lower	Upper
202	100		
200	20.6	15.3	22.9
203	18.5	13.4	20.0



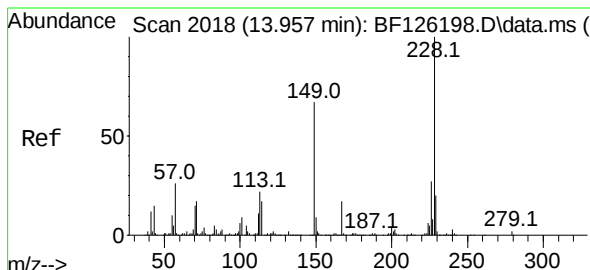
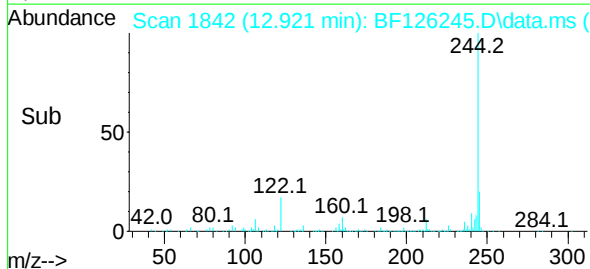
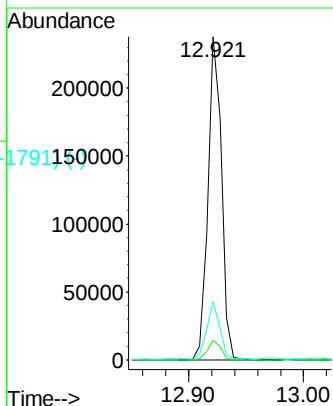
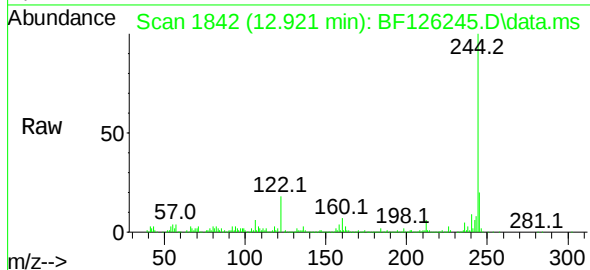
Abundance Scan 1817 (12.774 min): BF126245.D\data.ms (-1766) (-)





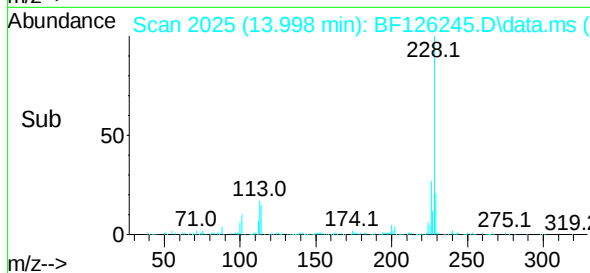
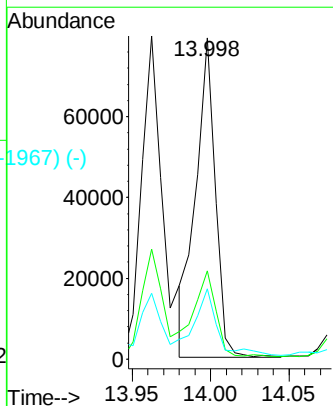
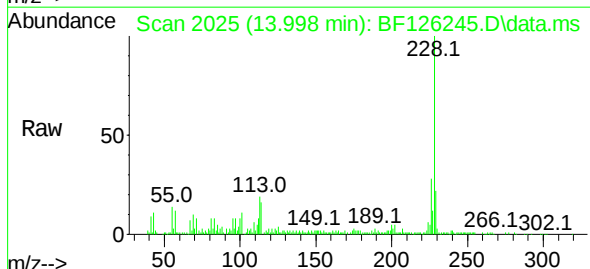
Terphenyl-d14
 Concen: 9.556 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

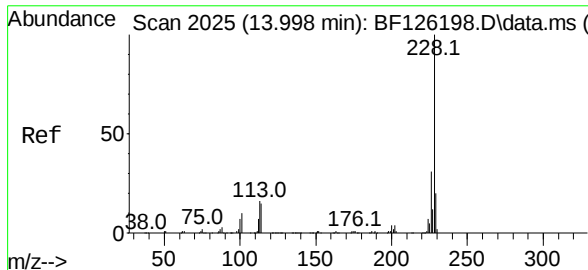
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.1	5.9	8.9
122	17.9	9.0	13.4#



Benzo(a)anthracene
 Concen: 3.275 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.041 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

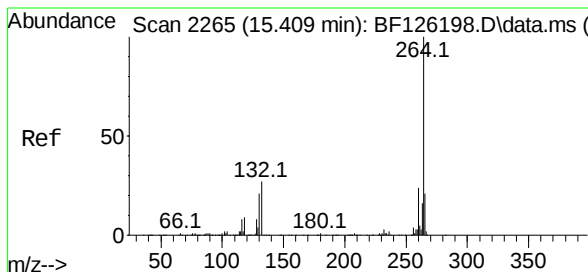
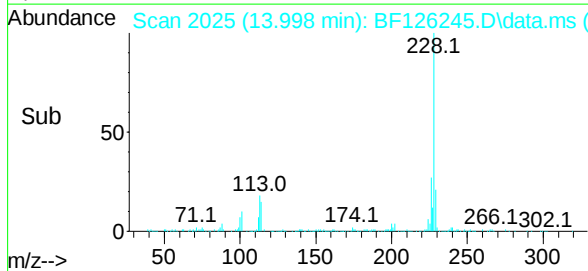
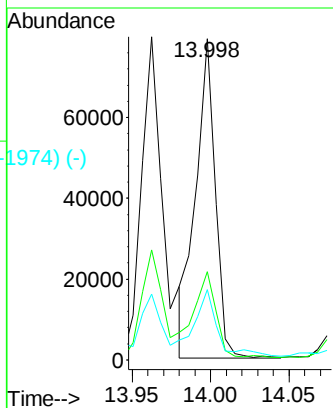
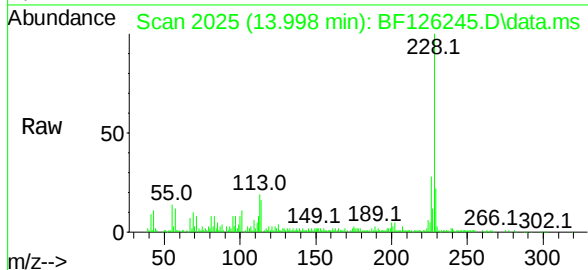
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	21.6	32.4
229	22.0	15.6	23.4





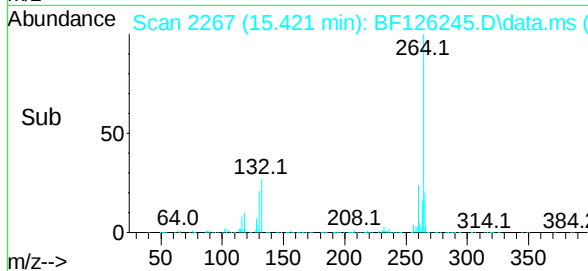
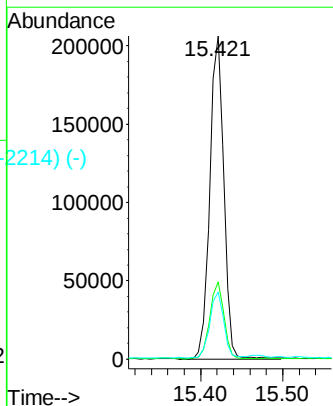
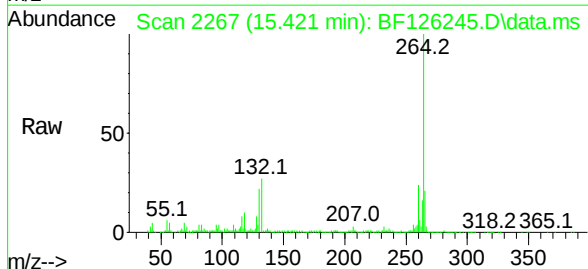
Chrysene
 Concen: 3.152 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion:	228	Resp:	68841
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	34.0
229	22.0	15.9	23.9

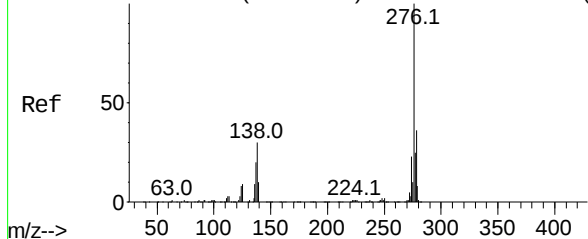


Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion:	264	Resp:	246404
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.6	29.4
265	20.8	17.2	25.8

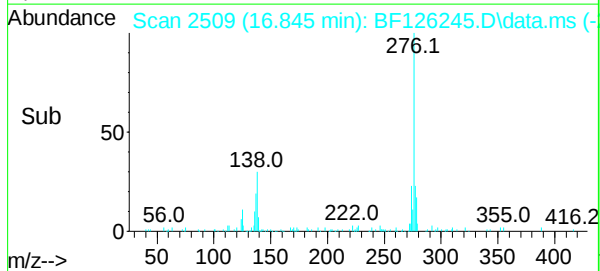
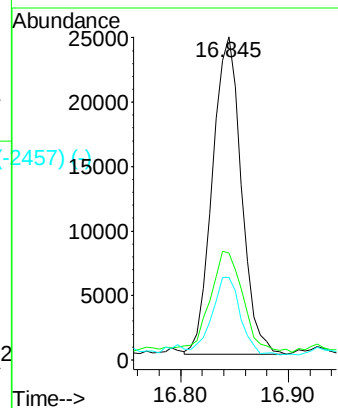
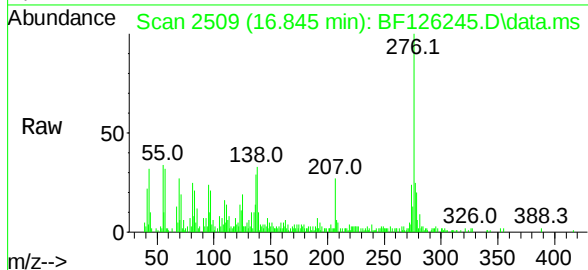


Abundance Scan 2508 (16.839 min): BF126198.D\data.ms (-2457) (-)

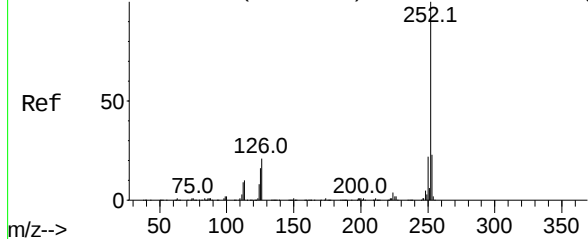


Indeno(1,2,3-cd)pyrene
Concen: 2.805 ng
RT: 16.845 min Scan# 2509
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.5	24.1	36.1#
277	23.5	18.8	28.2

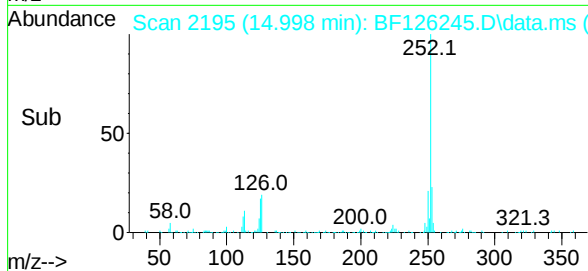
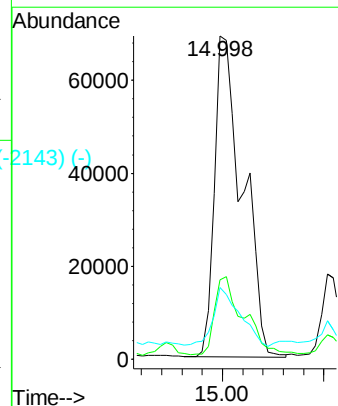
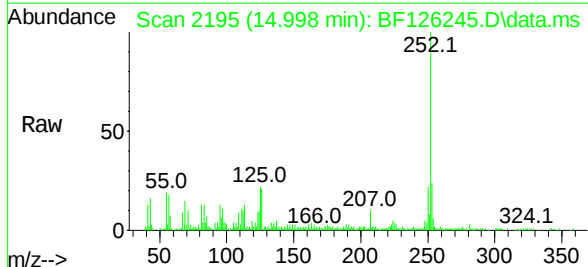


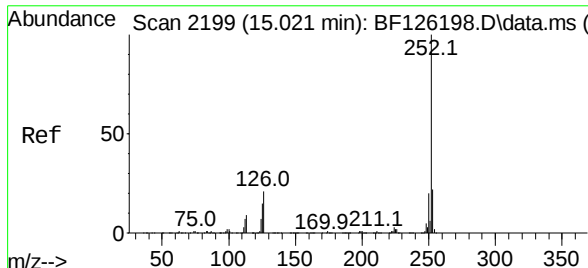
Abundance Scan 2194 (14.992 min): BF126198.D\data.ms (-2138) (-)



Benzo(b)fluoranthene
Concen: 8.977 ng
RT: 14.998 min Scan# 2195
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

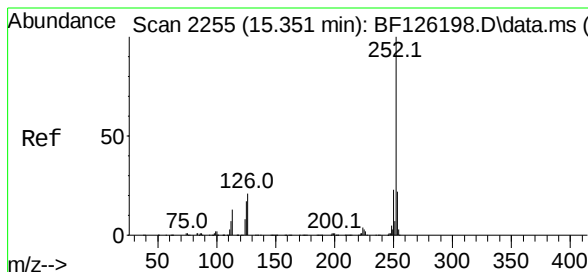
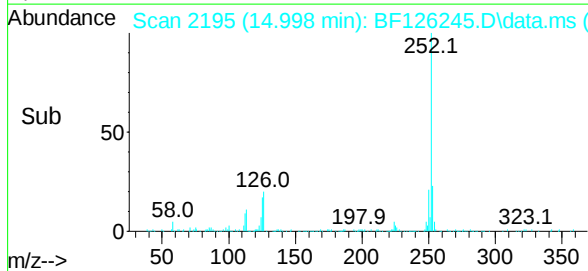
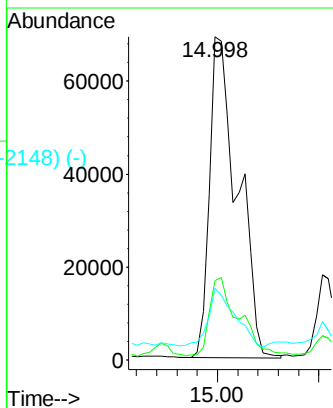
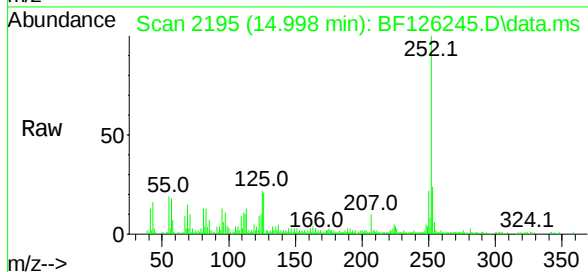
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.8	25.2
125	22.1	9.8	14.8#





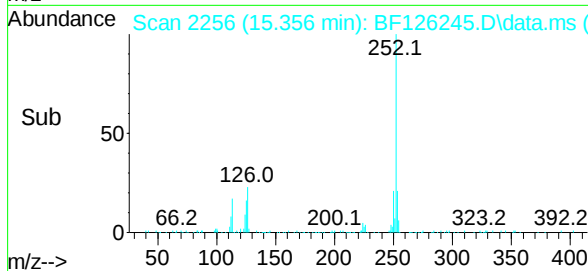
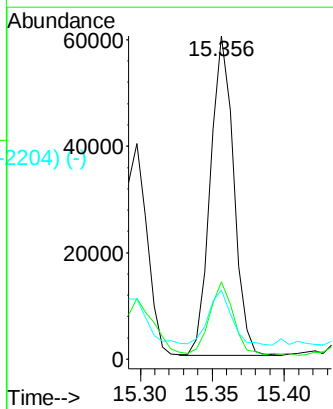
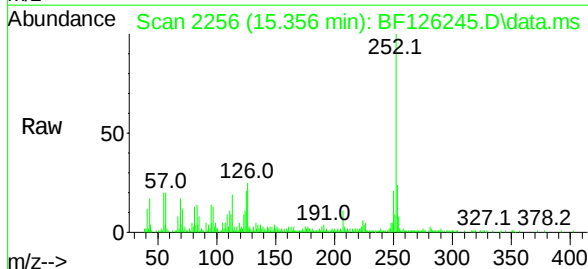
Benzo(k)fluoranthene
 Concen: 9.384 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.024 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.8	26.8
125	22.1	7.2	10.8#

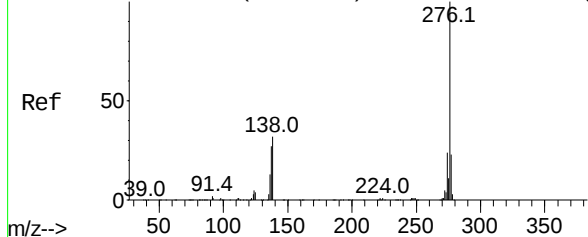


Benzo(a)pyrene
 Concen: 5.467 ng
 RT: 15.356 min Scan# 2256
 Delta R.T. 0.006 min
 Lab File: BF126245.D
 Acq: 17 Dec 2021 20:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	21.3	9.9	14.9#

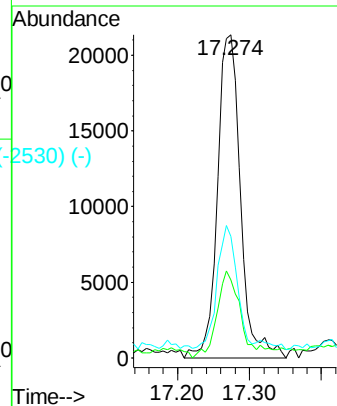
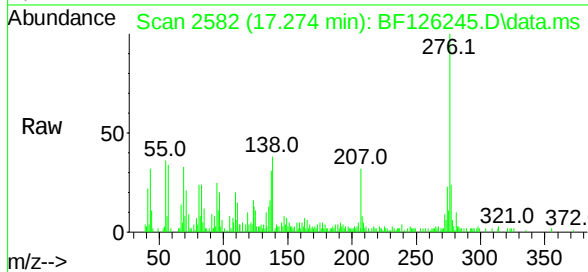


Abundance Scan 2581 (17.268 min): BF126198.D\data.ms (-2530) (-)



Benzo(g,h,i)perylene
Concen: 3.434 ng
RT: 17.274 min Scan# 2582
Delta R.T. 0.006 min
Lab File: BF126245.D
Acq: 17 Dec 2021 20:35

Tgt Ion:	276	Resp:	47464
Ion Ratio		Lower	Upper
276	100		
277	24.1	22.0	33.0
138	37.6	22.2	33.4#



Abundance Scan 2582 (17.274 min): BF126245.D\data.ms (-2530) (-)

