

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

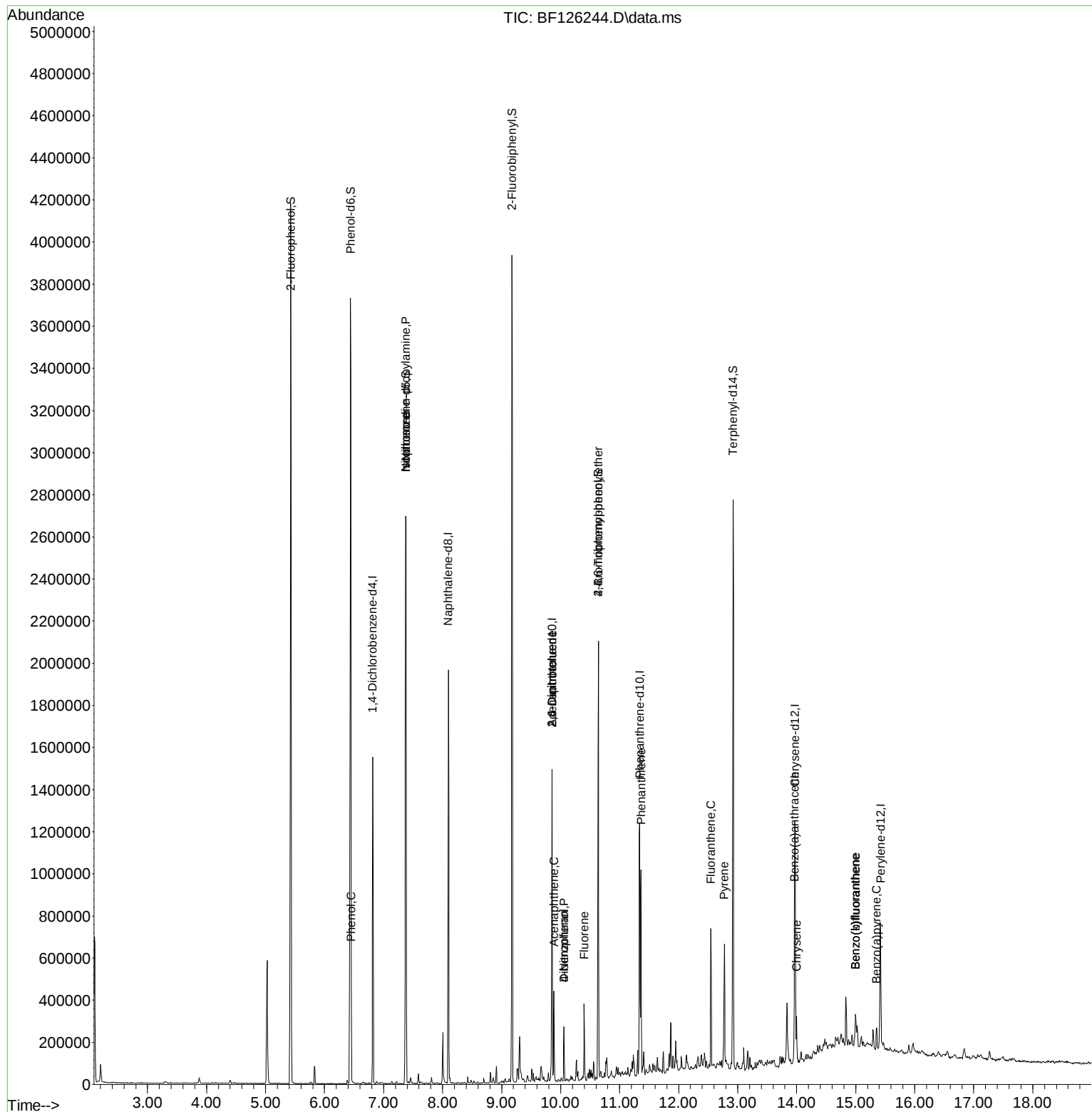
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

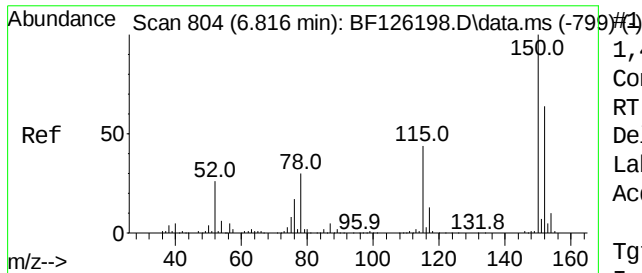
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	201400	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	776016	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	312956	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	431675	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	346421	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.375	70	125971	11.817	ng	# 56
25) Isophorone	7.375	82	983795	36.359	ng	# 59
51) 2,6-Dinitrotoluene	9.857	165	42132	9.819	ng	# 28
52) Acenaphthene	9.886	154	77506	4.492	ng	99
55) Dibenzofuran	10.057	168	76116	3.240	ng	96
56) 4-Nitrophenol	10.057	139	27765	7.048	ng	# 11
57) 2,4-Dinitrotoluene	9.857	165	42132	7.697	ng	# 20
58) Fluorene	10.398	166	85146	5.007	ng	98
67) 4-Bromophenyl-phenylether	10.639	248	12223	3.017	ng	# 1
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	112710	7.560	ng	# 93
89) Benzo(k)fluoranthene	14.998	252	112710	7.903	ng	# 92
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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ALS Vial : 19 Sample Multiplier: 1

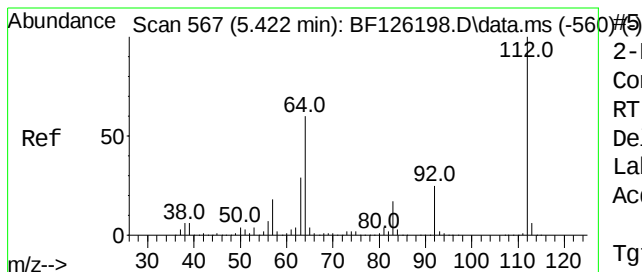
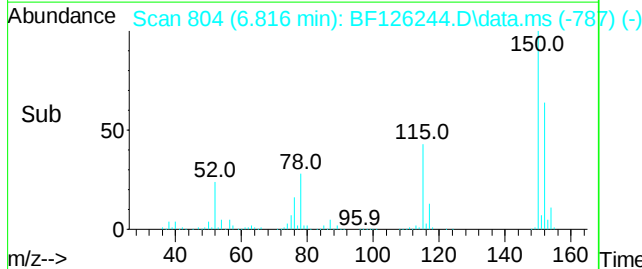
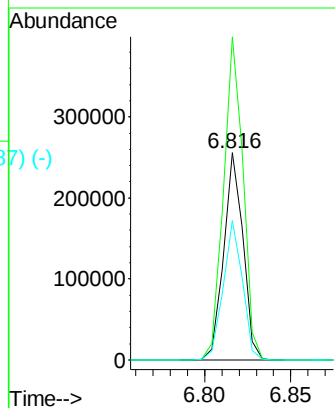
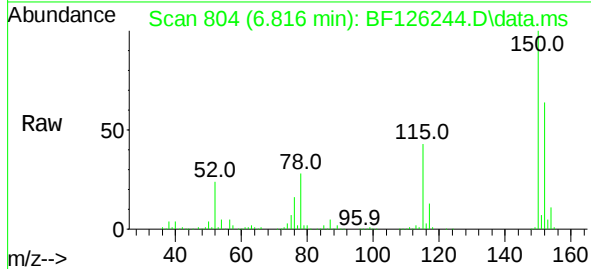
Quant Time: Dec 18 03:38:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
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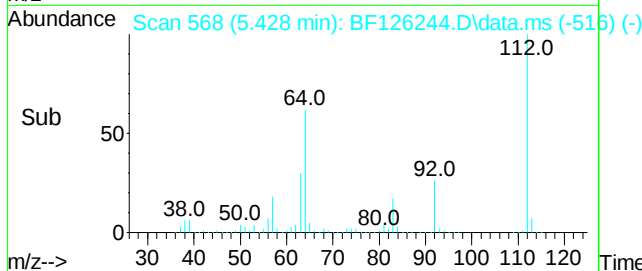
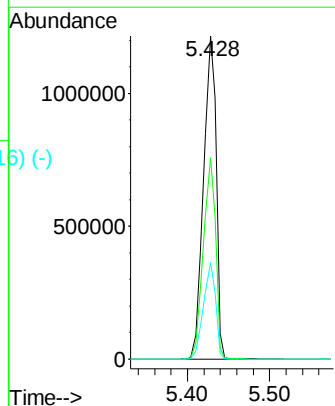
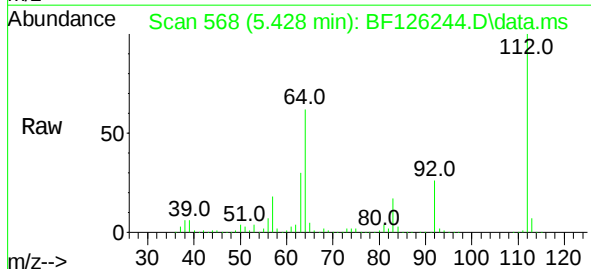
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

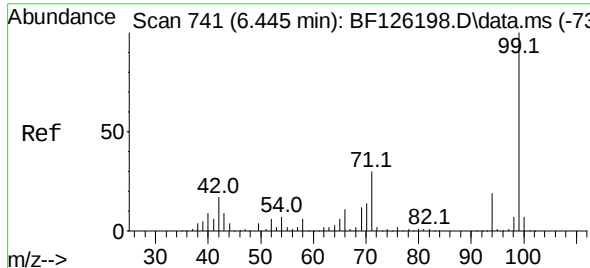
Tgt Ion:	152	Resp:	201400
Ion	Ratio	Lower	Upper
152	100		
150	155.7	117.6	176.4
115	67.3	47.1	70.7



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

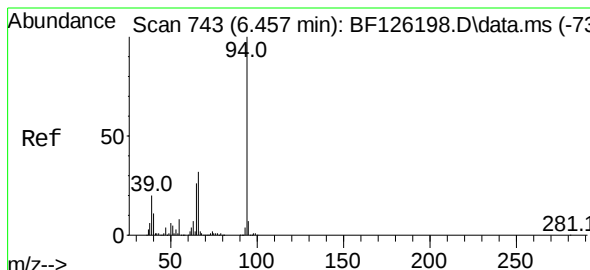
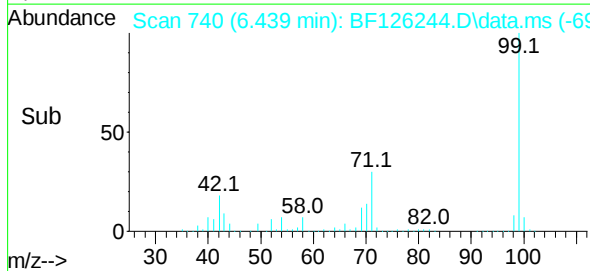
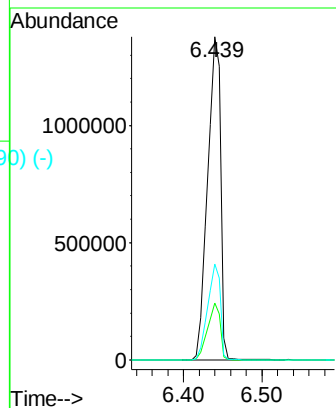
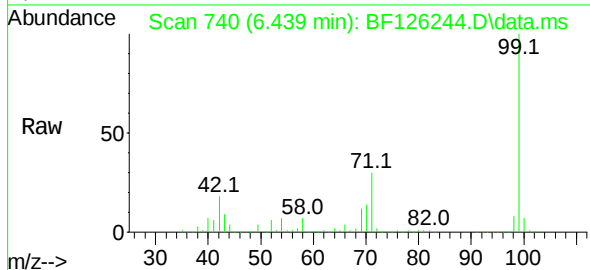




Phenol-d6
 Concen: 91.983 ng
 RT: 6.439 min Scan# 740
 Delta R.T. -0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

Tgt Ion: 99 Resp: 1597288

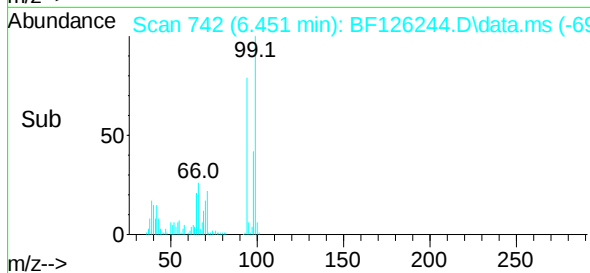
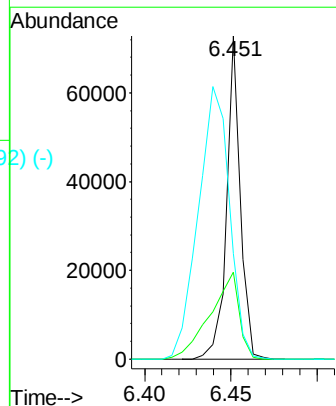
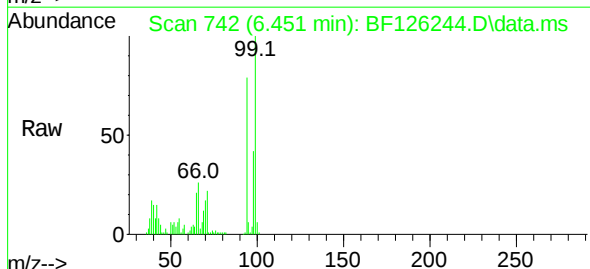
Ion	Ratio	Lower	Upper
99	100		
42	17.6	23.5	35.3#
71	29.6	25.6	38.4

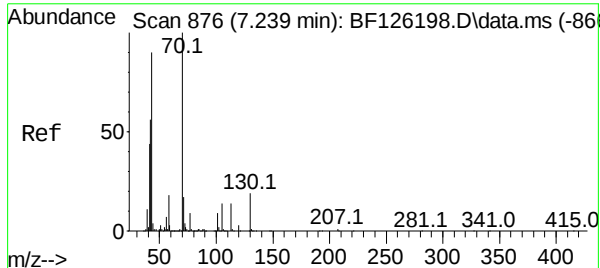


Phenol
 Concen: 2.095 ng
 RT: 6.451 min Scan# 742
 Delta R.T. -0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

Tgt Ion: 94 Resp: 40839

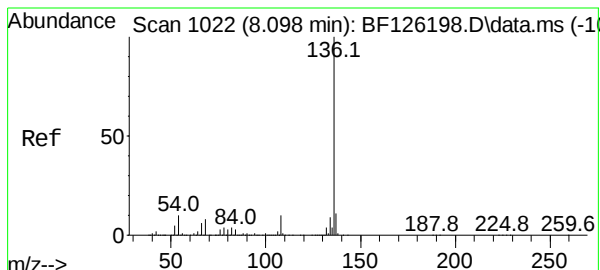
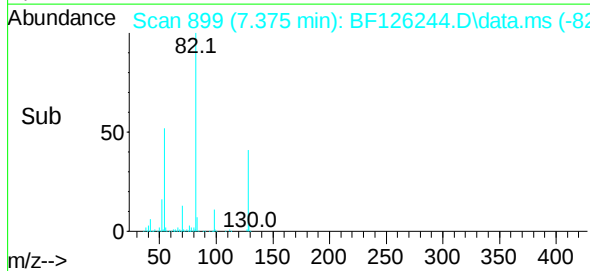
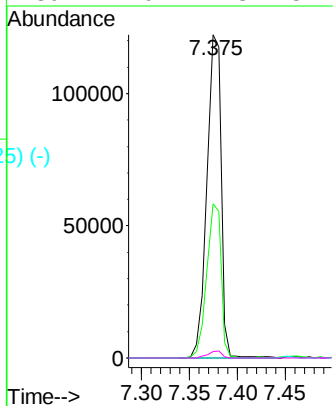
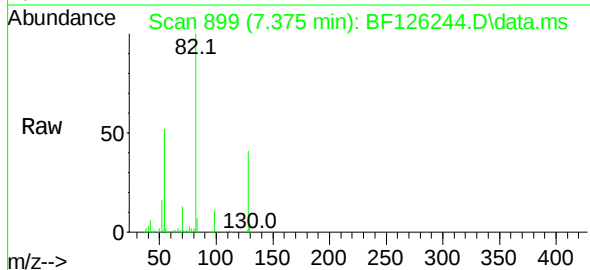
Ion	Ratio	Lower	Upper
94	100		
65	26.9	9.3	49.3
66	32.7	20.3	60.3





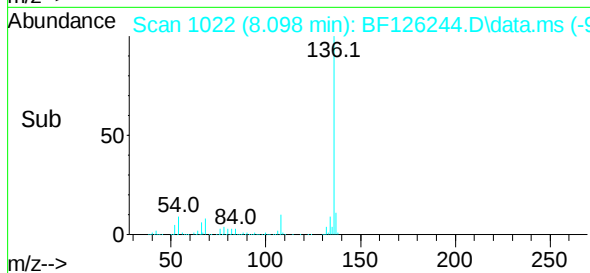
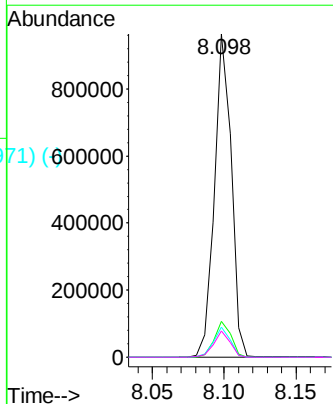
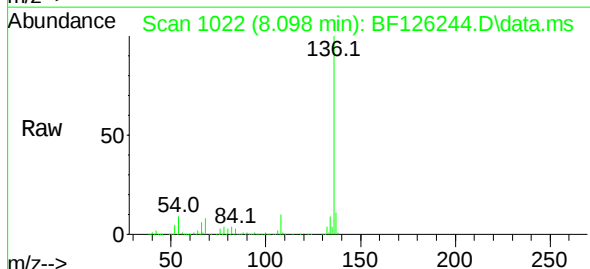
#19
n-Nitroso-di-n-propylamine
Concen: 11.817 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:	70	Resp:	125971
Ion	Ratio	Lower	Upper
70	100		
42	47.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.0	21.8	32.6#

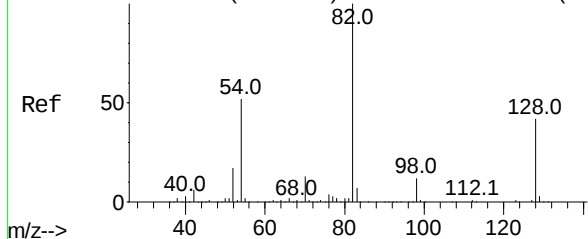


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

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#

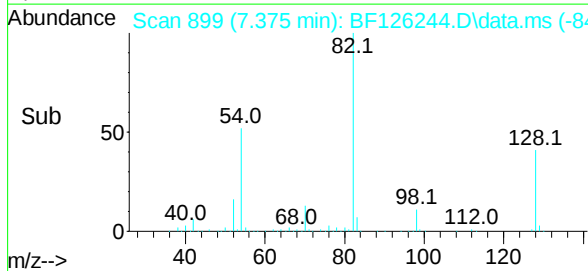
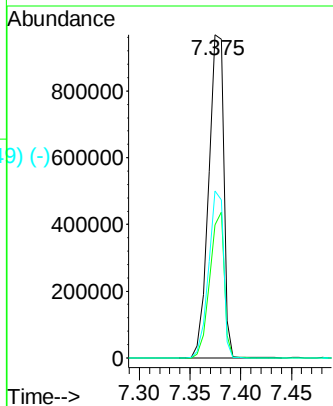
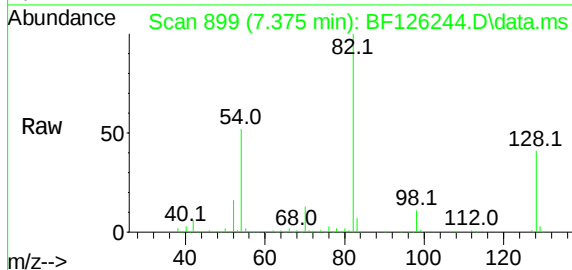


Abundance Scan 900 (7.380 min): BF126198.D\data.ms (-895) #23

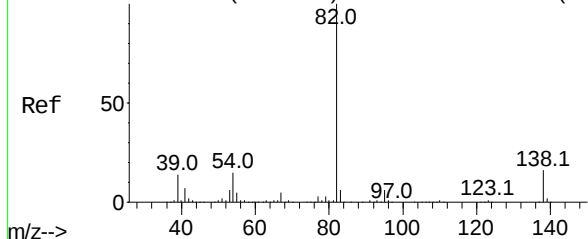


Nitrobenzene-d5
Concen: 69.771 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

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

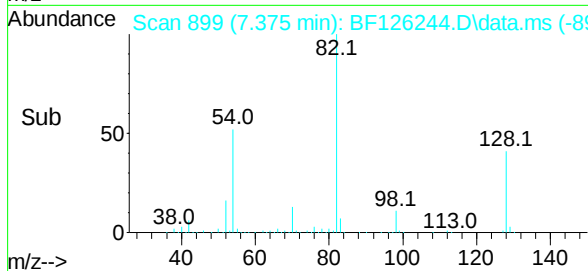
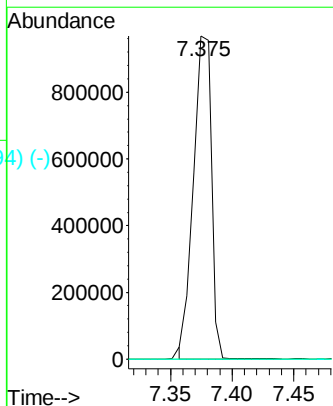
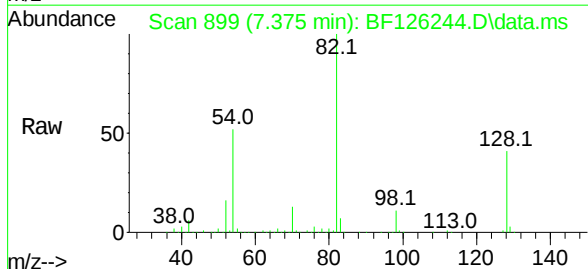


Abundance Scan 945 (7.645 min): BF126198.D\data.ms (-935) #25



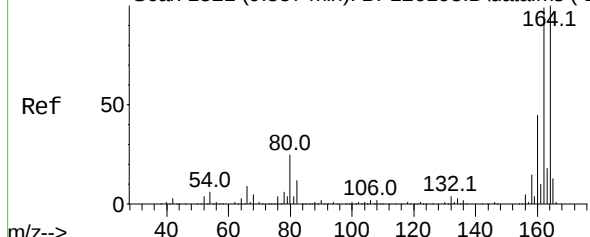
Isophorone
Concen: 36.359 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:	82	Resp:	983795
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

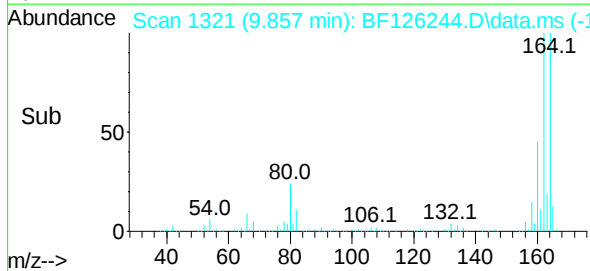
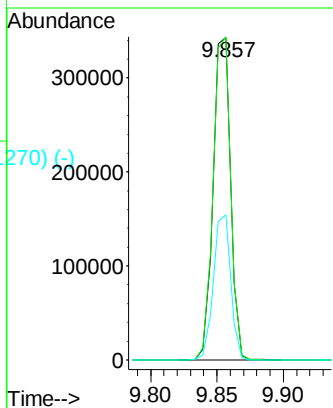
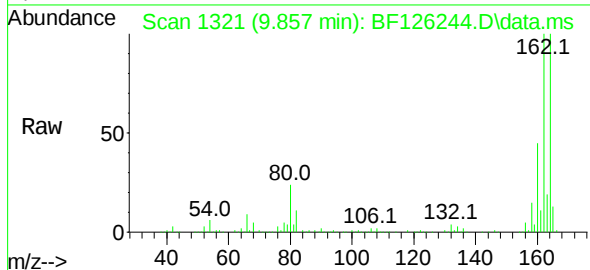


Abundance Scan 1321 (9.857 min): BF126198.D\data.ms (-13159)

Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

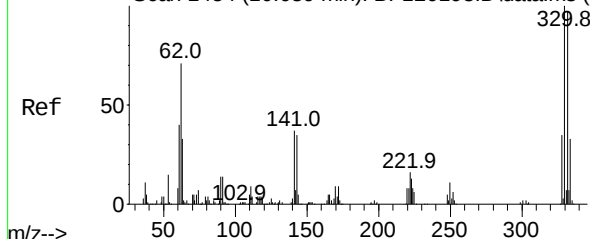


Tgt Ion:	164	Resp:	312956
Ion	Ratio	Lower	Upper
164	100		
162	100.1	81.3	121.9
160	44.9	38.0	57.0

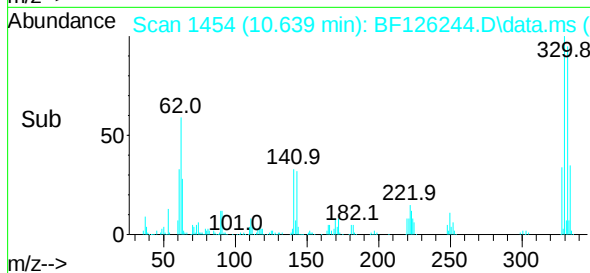
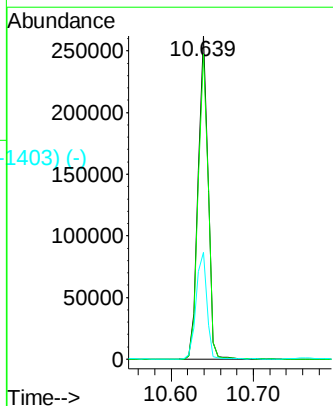
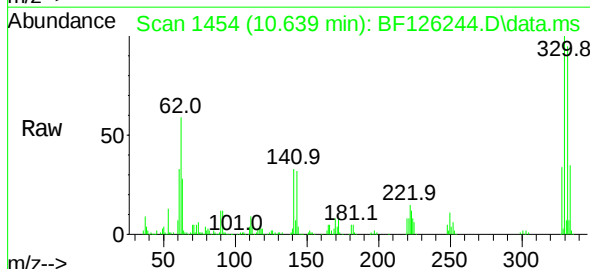


Abundance Scan 1454 (10.639 min): BF126198.D\data.ms (-1443)

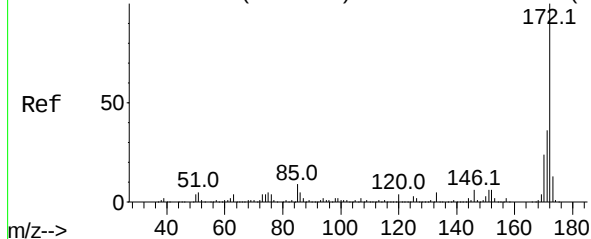
2,4,6-Tribromophenol
Concen: 85.989 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03



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#

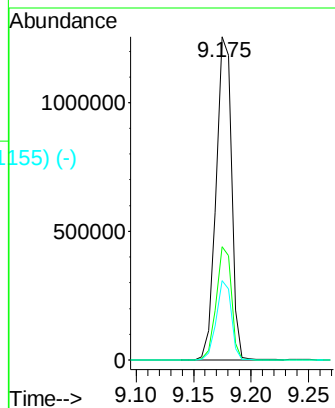
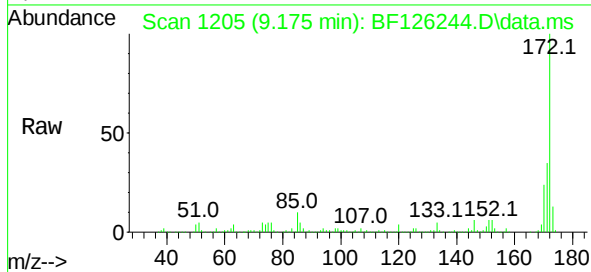


Abundance Scan 1206 (9.180 min): BF126198.D\data.ms (-11994)

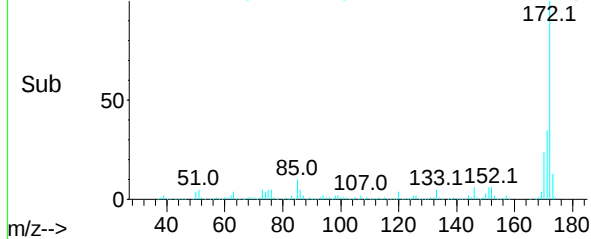


2-Fluorobiphenyl
Concen: 66.311 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

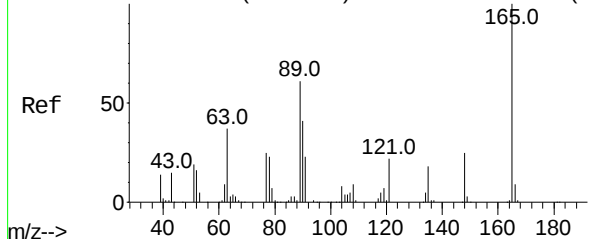
Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	26.5	39.7
170	24.5	18.8	28.2



Abundance Scan 1205 (9.175 min): BF126244.D\data.ms (-1155) (-)

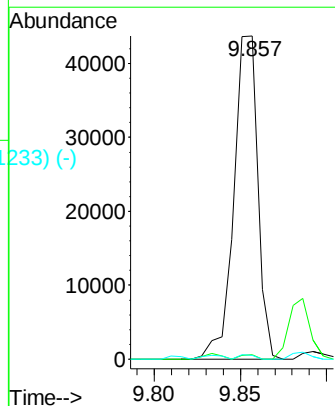
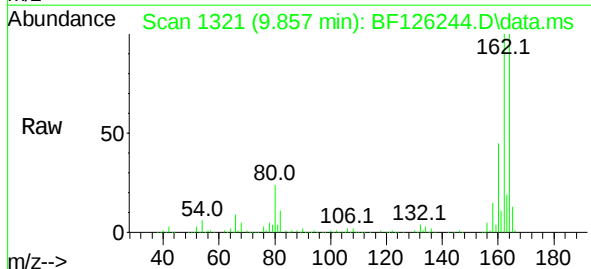


Abundance Scan 1284 (9.639 min): BF126198.D\data.ms (-12781)

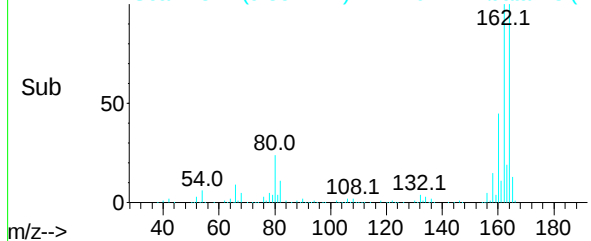


2,6-Dinitrotoluene
Concen: 9.819 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.218 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

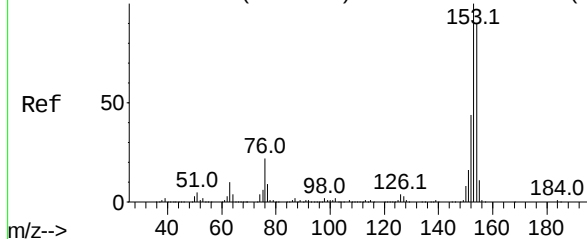
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.6	63.8#
89	1.2	40.6	60.8#



Abundance Scan 1321 (9.857 min): BF126244.D\data.ms (-1233) (-)

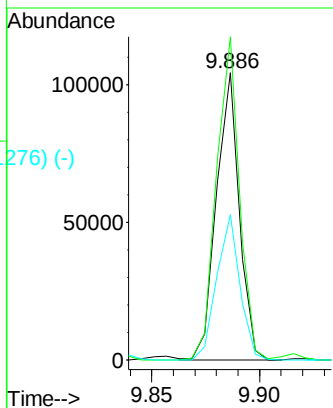
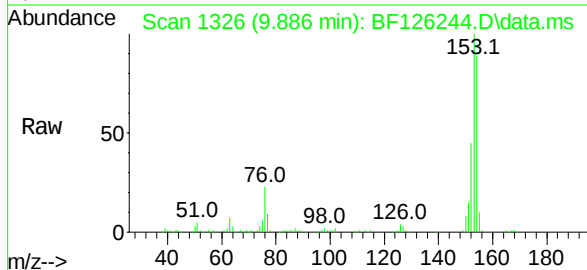


Abundance Scan 1327 (9.892 min): BF126198.D\data.ms (-13152)

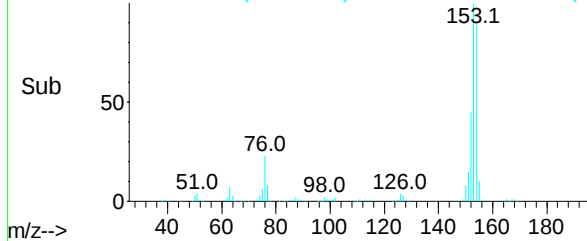


Acenaphthene
Concen: 4.492 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

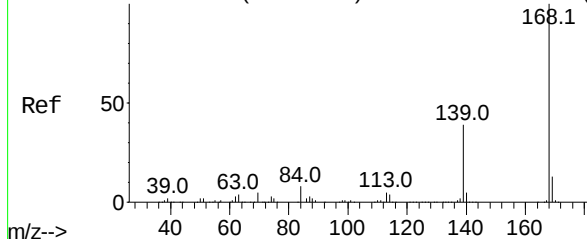
Tgt Ion:	154	Resp:	77506
Ion	Ratio	Lower	Upper
154	100		
153	112.6	89.4	134.2
152	50.5	40.5	60.7



Abundance Scan 1326 (9.886 min): BF126244.D\data.ms (-1276) (-)

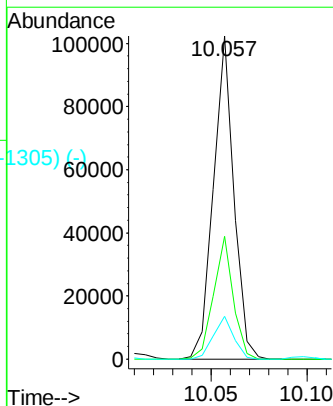
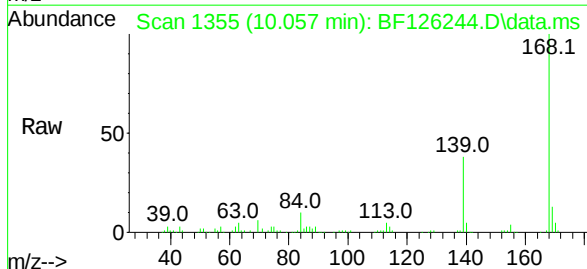


Abundance Scan 1356 (10.063 min): BF126198.D\data.ms (-1345)

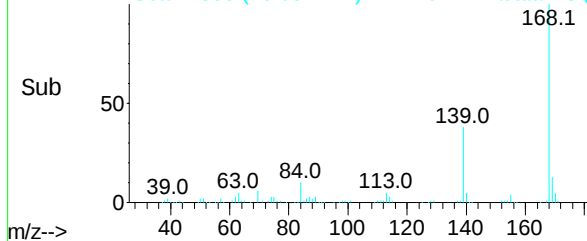


Dibenzofuran
Concen: 3.240 ng
RT: 10.057 min Scan# 1355
Delta R.T. -0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

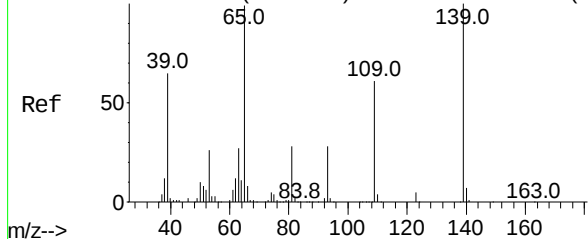
Tgt Ion:	168	Resp:	76116
Ion	Ratio	Lower	Upper
168	100		
139	38.0	32.7	49.1
169	13.3	11.2	16.8



Abundance Scan 1355 (10.057 min): BF126244.D\data.ms (-1305) (-)

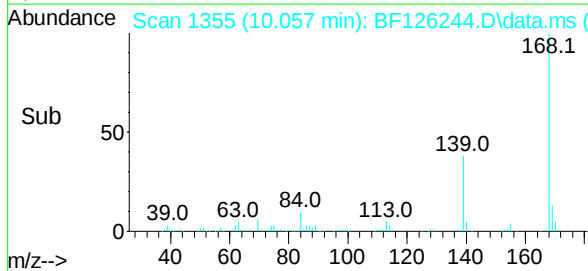
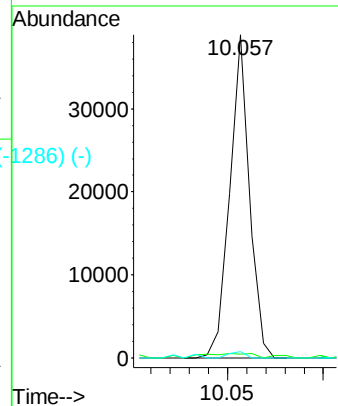
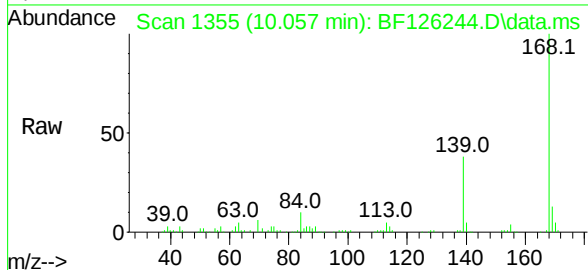


Abundance Scan 1337 (9.951 min): BF126198.D\data.ms (-1335)

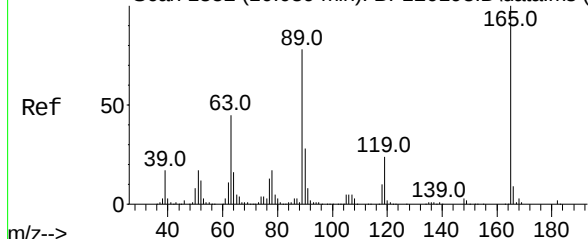


4-Nitrophenol
Concen: 7.048 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.106 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

Tgt Ion:	139	Resp:	27765
Ion Ratio	Lower	Upper	
139	100		
109	1.1	60.4	100.4#
65	1.9	58.4	98.4#

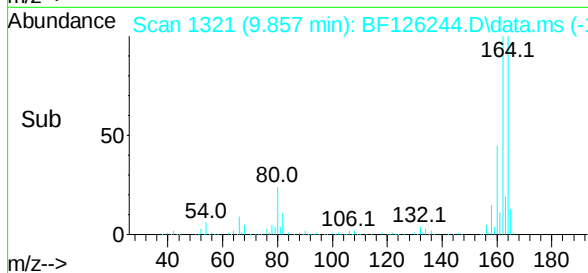
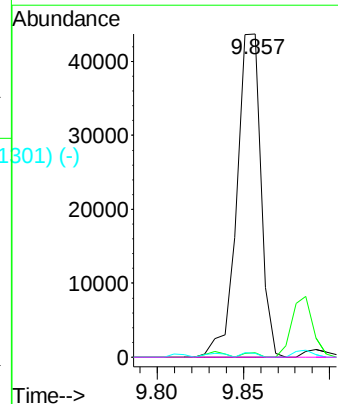
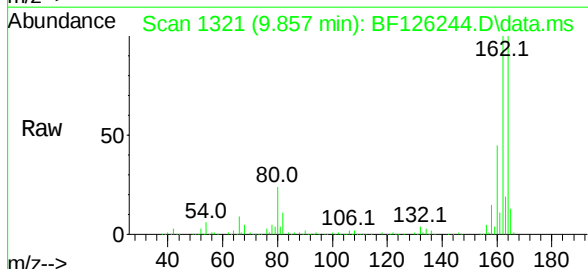


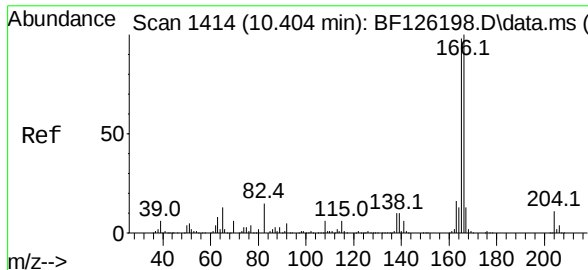
Abundance Scan 1352 (10.039 min): BF126198.D\data.ms (-1351)



2,4-Dinitrotoluene
Concen: 7.697 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.182 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

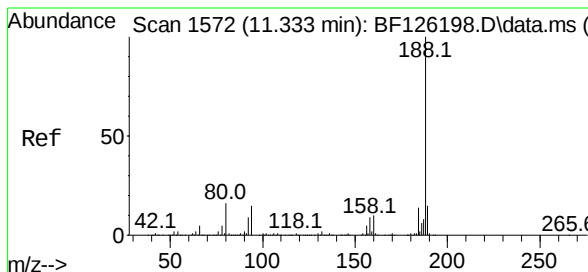
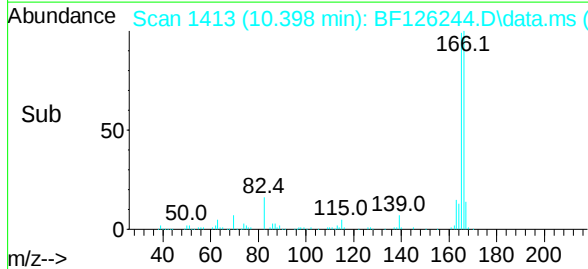
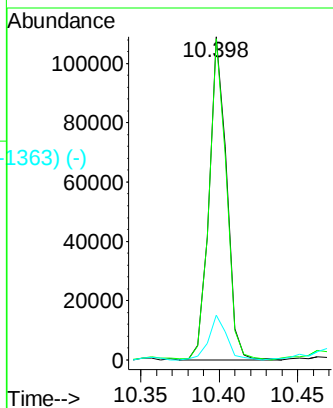
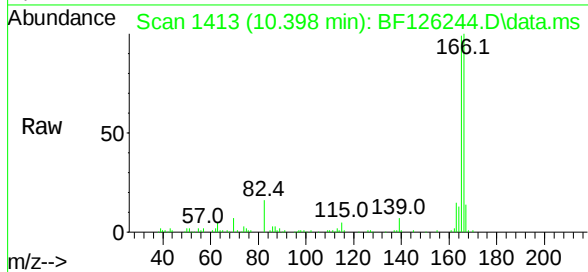
Tgt Ion:	165	Resp:	42132
Ion Ratio	Lower	Upper	
165	100		
63	1.4	40.9	61.3#
89	1.2	59.7	89.5#
182	0.0	0.0	0.0





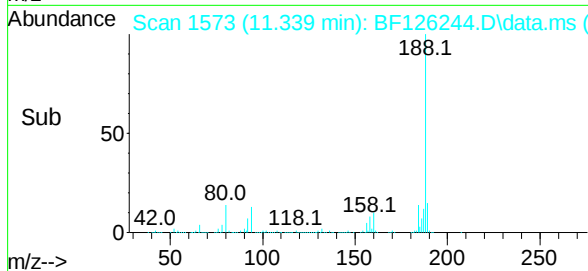
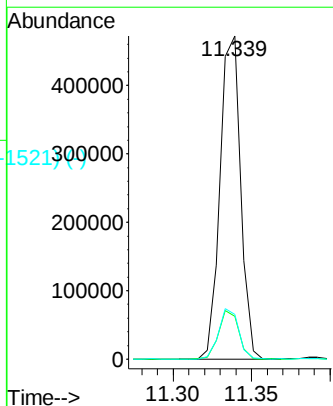
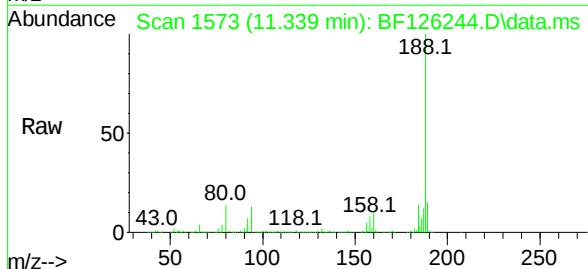
Scan 1414 (10.404 min): BF126198.D\data.ms (-1458) (-)
 Fluorene
 Concen: 5.007 ng
 RT: 10.398 min Scan# 1413
 Delta R.T. -0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

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



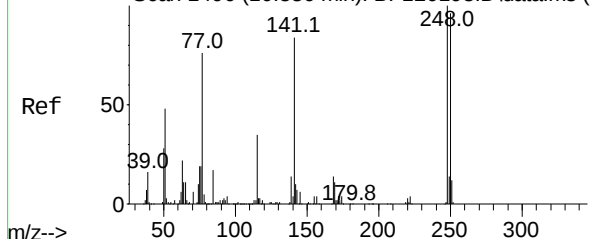
Scan 1572 (11.333 min): BF126198.D\data.ms (-1564) (-)
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. 0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

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

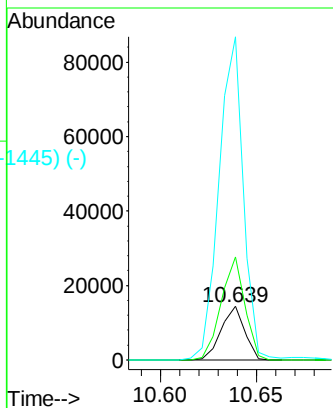
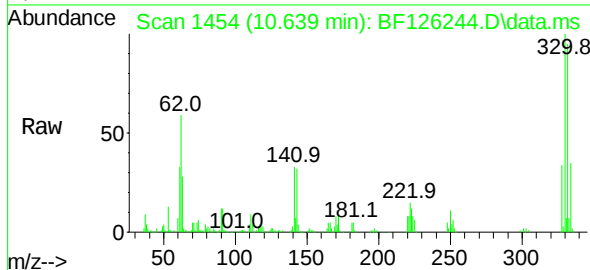


Abundance Scan 1496 (10.886 min): BF126198.D\data.ms (-1450) (-)

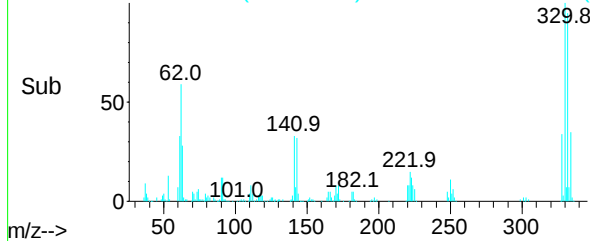
4-Bromophenyl-phenylether
Concen: 3.017 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03



Tgt Ion:	248	Resp:	12223
Ion	Ratio	Lower	Upper
248	100		
250	193.3	74.2	111.4#
141	605.2	60.4	90.6#

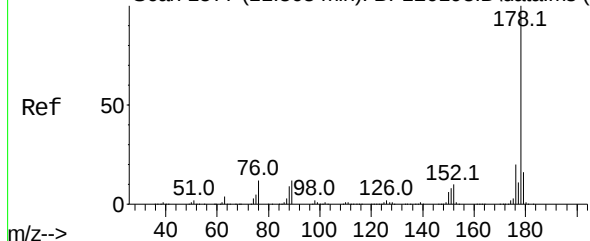


Abundance Scan 1454 (10.639 min): BF126244.D\data.ms (-1445) (-)

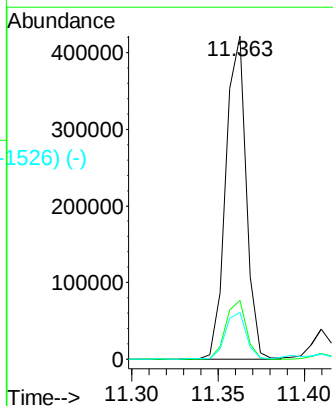
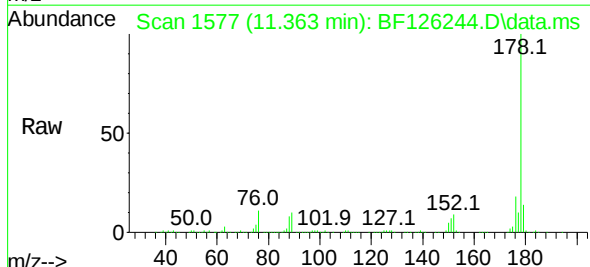


Abundance Scan 1577 (11.363 min): BF126198.D\data.ms (-1570) (-)

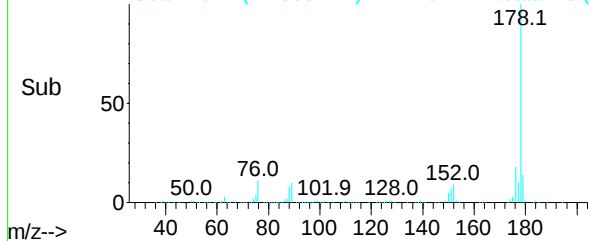
Phenanthrene
Concen: 15.639 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03



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

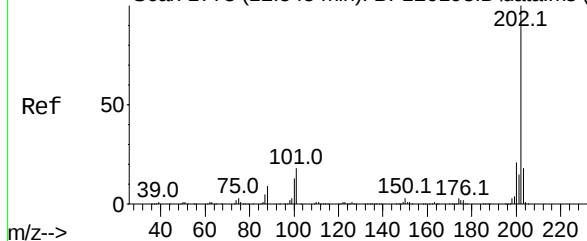


Abundance Scan 1577 (11.363 min): BF126244.D\data.ms (-1526) (-)

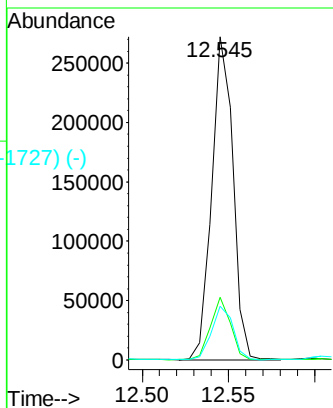
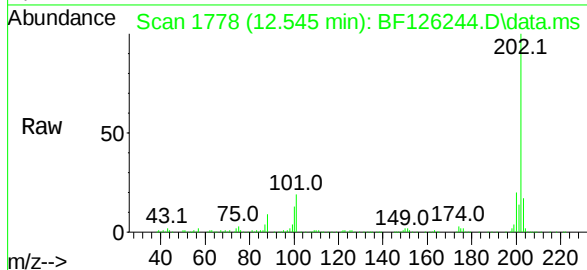


Abundance Scan 1778 (12.545 min): BF126198.D\data.ms (-1778) (-)

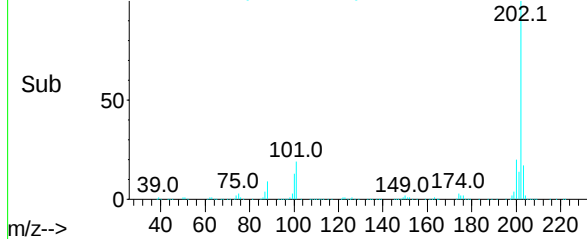
Fluoranthene
Concen: 11.667 ng
RT: 12.545 min Scan# 1778
Delta R.T. 0.000 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03



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

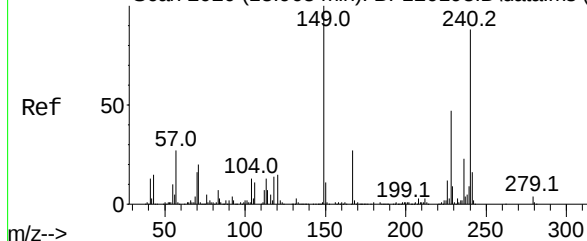


Abundance Scan 1778 (12.545 min): BF126244.D\data.ms (-1778) (-)

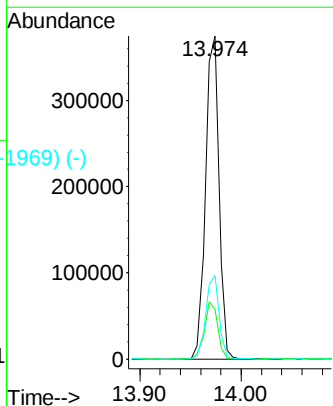
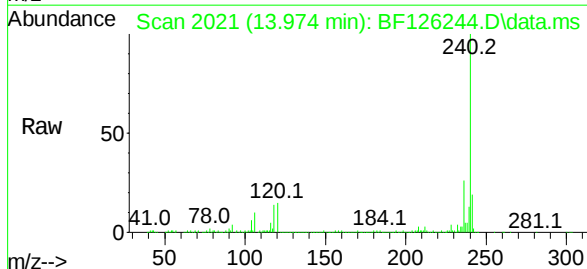


Abundance Scan 2020 (13.968 min): BF126198.D\data.ms (-2020) (-)

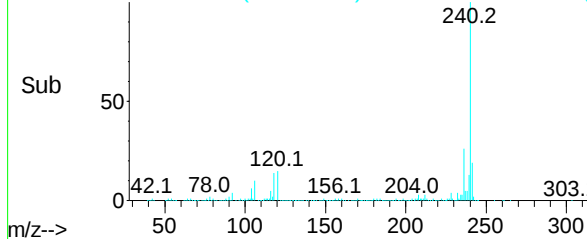
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126244.D
Acq: 17 Dec 2021 20:03

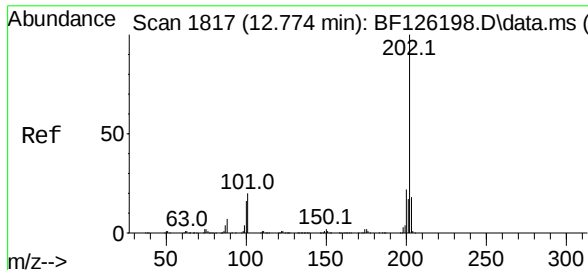


Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.5	10.8	16.2
236	25.8	21.6	32.4



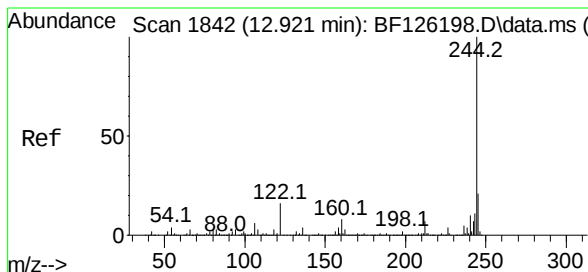
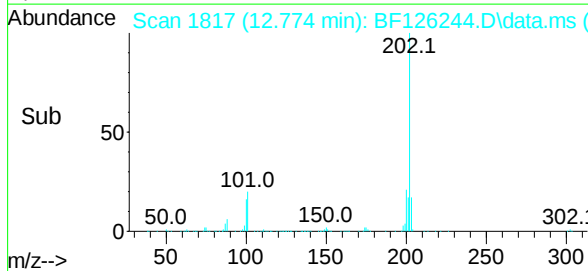
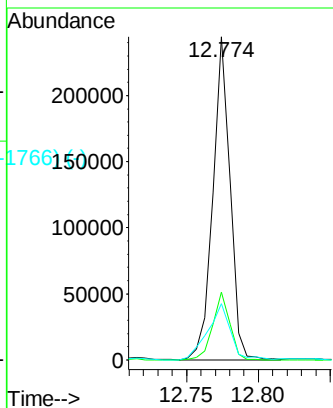
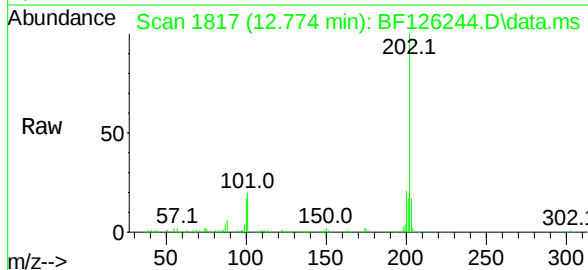
Abundance Scan 2021 (13.974 min): BF126244.D\data.ms (-1969) (-)





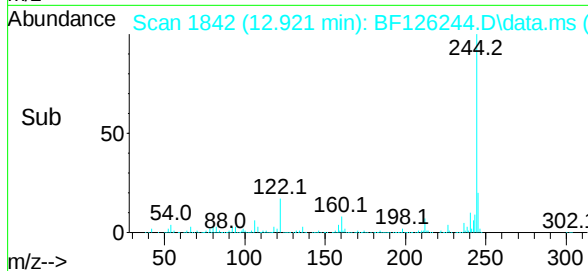
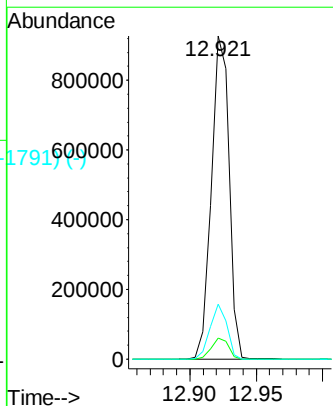
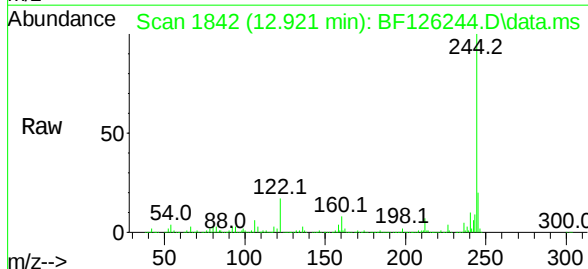
Pyrene
 Concen: 6.361 ng
 RT: 12.774 min Scan# 1817
 Delta R.T. 0.000 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

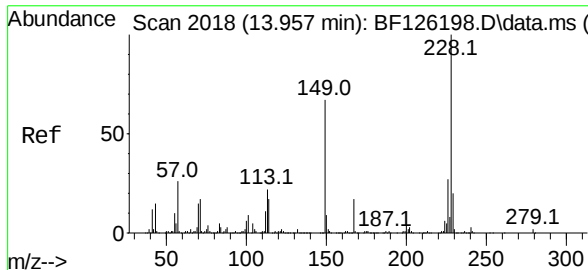
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	15.3	22.9
203	17.5	13.4	20.0



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

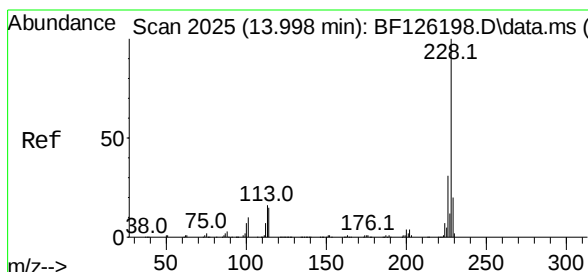
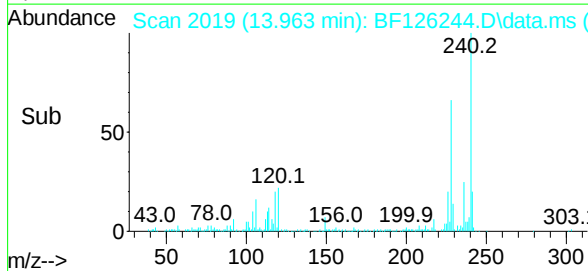
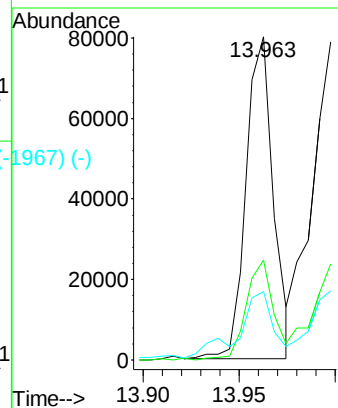
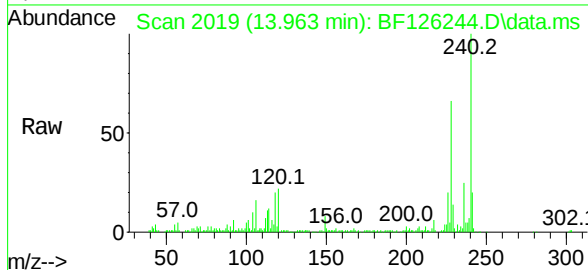
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.9	8.9
122	17.0	9.0	13.4#





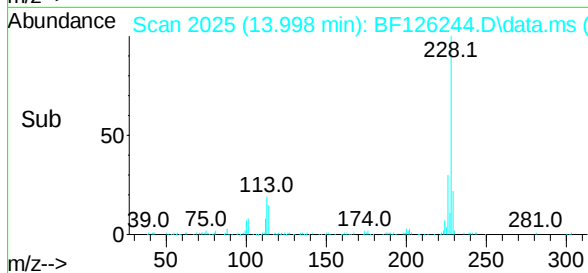
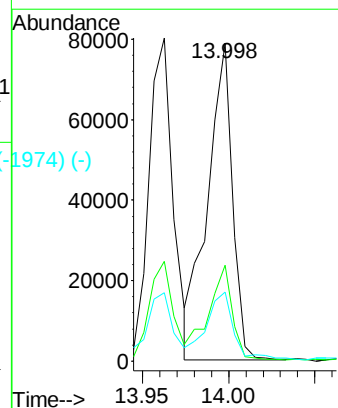
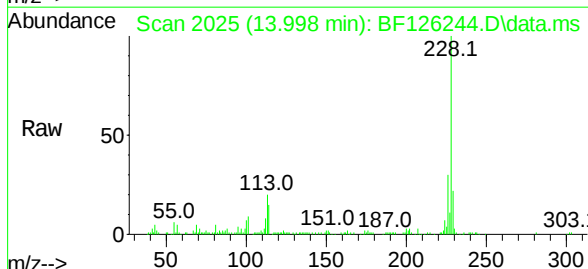
Benzo(a)anthracene
 Concen: 3.837 ng
 RT: 13.963 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

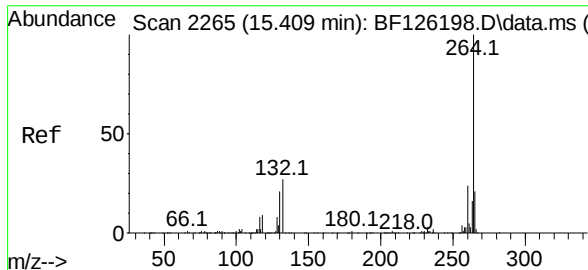
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	21.6	32.4
229	21.3	15.6	23.4



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

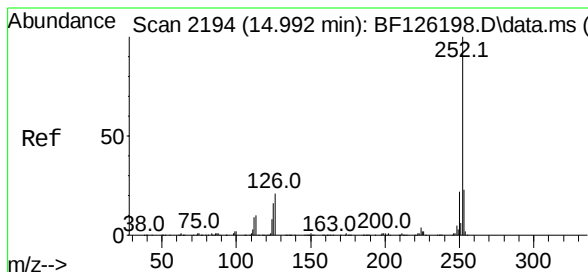
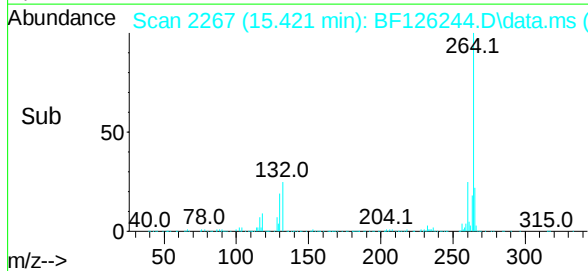
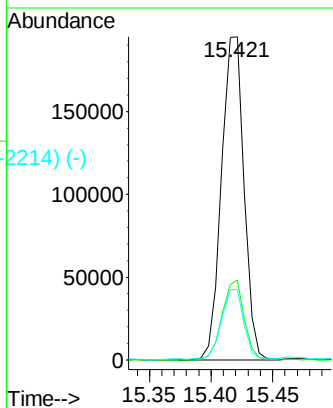
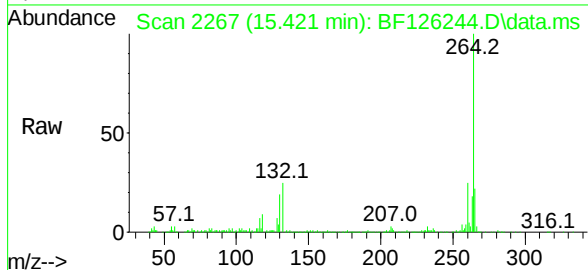
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	22.6	34.0
229	21.7	15.9	23.9





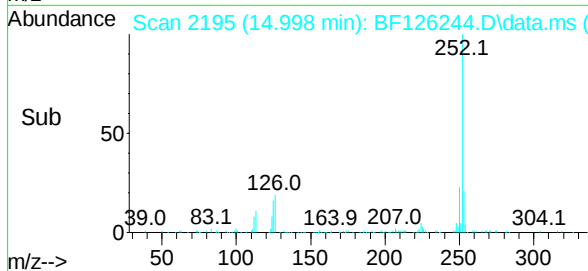
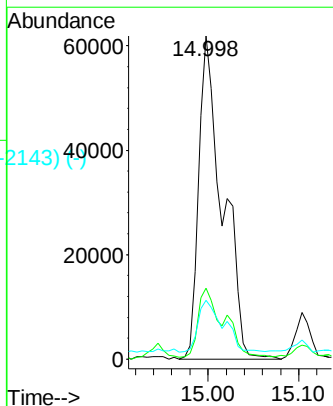
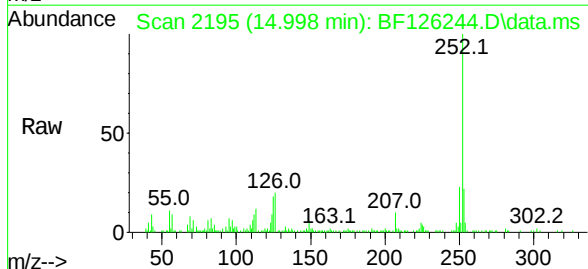
Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.012 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

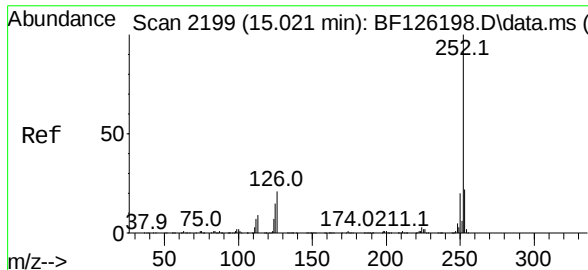
Tgt Ion:	264	Resp:	248117
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.6	29.4
265	21.7	17.2	25.8



Benzo(b)fluoranthene
 Concen: 7.560 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. 0.006 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

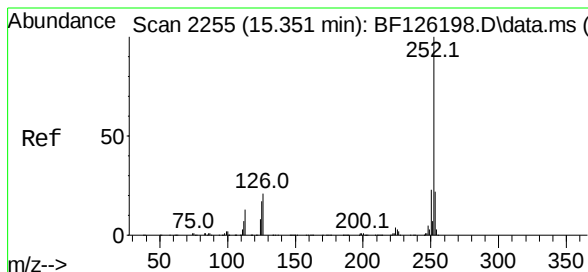
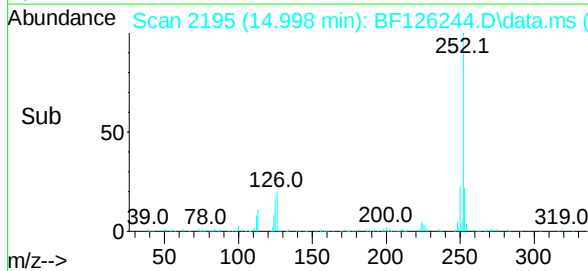
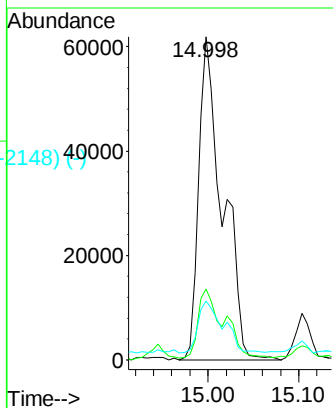
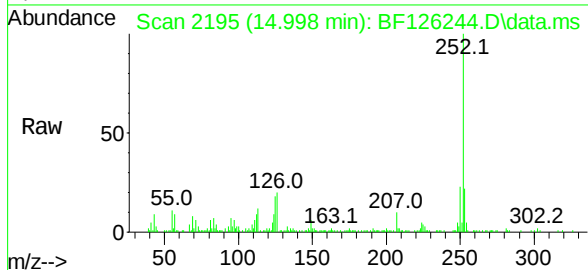
Tgt Ion:	252	Resp:	112710
Ion Ratio	Lower	Upper	
252	100		
253	21.9	16.8	25.2
125	18.2	9.8	14.8#





Scan 2199 (15.021 min): BF126198.D\data.ms (-2159) (-)
 Benzo(k)fluoranthene
 Concen: 7.903 ng
 RT: 14.998 min Scan# 2195
 Delta R.T. -0.023 min
 Lab File: BF126244.D
 Acq: 17 Dec 2021 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	18.2	7.2	10.8#



Scan 2255 (15.351 min): BF126198.D\data.ms (-2200) (-)
 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	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	16.4	9.9	14.9#

