

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121421\
 Data File : BG051528.D
 Acq On : 15 Dec 2021 8:07
 Operator : CG/JU
 Sample : M4943-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Dec 15 23:22:35 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 14 14:19:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.281	152	32583	20.000	ng/ul	0.00
20) Naphthalene-d8	11.130	136	137542	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.919	164	109018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.663	188	238136	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.980	240	245365	20.000	ng/ul	# 0.00
88) Perylene-d12	25.481	264	258132	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	2780	3.543	ng/uL	0.00
4) Pyridine-d5	4.040	84	15772	6.653	ng/ul	0.00
7) Phenol-d5	7.424	99	12593m	4.329	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.594	67	46767	27.041	ng/ul	0.00
11) 2-Chlorophenol-d4	7.811	132	23956	11.840	ng/ul	0.00
15) 4-Methylphenol-d8	8.992	113	26523	11.794	ng/ul	0.01
21) Nitrobenzene-d5	9.456	128	25410	25.198	ng/ul	0.00
24) 2-Nitrophenol-d4	10.185	143	16813	15.252	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	37887	15.849	ng/ul	0.00
31) 4-Chloroaniline-d4	11.248	131	65097	20.683	ng/ul	0.00
46) Dimethylphthalate-d6	14.308	166	217835	24.965	ng/ul	0.00
49) Acenaphthylene-d8	14.614	160	272909	25.183	ng/ul	0.00
54) 4-Nitrophenol-d4	15.078	143	6440	4.538	ng/ul	0.00
60) Fluorene-d10	15.900	176	193059	24.695	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.006	200	4431	3.571	ng/ul	0.00
73) Anthracene-d10	17.763	188	311152	27.391	ng/ul	0.00
81) Pyrene-d10	20.036	212	355530	24.075	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.241	264	342328	25.205	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.471	94	2057562	711.272	ng/ul#	81
13) 2-Methylphenol	8.734	108	780532	357.611	ng/ul	97
16) Acetophenone	9.127	105	124793	35.328	ng/ul	95
18) 4-Methylphenol	9.063	108	548996	238.649	ng/ul	91
26) 2,4-Dimethylphenol	10.279	107	619570m	218.233	ng/ul	
30) Naphthalene	11.195	128	4209555	568.082	ng/ul#	85
32) 4-Chloroaniline	11.277	127	405203	126.077	ng/ul	98
36) 2-Methylnaphthalene	12.769	142	719518	136.105	ng/ul	100
37) 1-Methylnaphthalene	12.981	142	357639	65.155	ng/ul	96
43) 1,1'-Biphenyl	13.750	154	107272	12.846	ng/ul	97
47) Dimethylphthalate	14.355	163	89990	10.623	ng/ul#	96
52) Acenaphthene	14.978	153	53141	7.587	ng/ul	94
56) Dibenzofuran	15.307	168	84417	8.183	ng/ul	98
59) Diethylphthalate	15.718	149	948185	107.446	ng/ul	94
61) Fluorene	15.959	166	41939	4.934	ng/ul	98
67) N-Nitrosodiphenylamine	16.159	169	72411	11.305	ng/ul	89
72) Phenanthrene	17.704	178	59204	4.834	ng/ul#	96
77) Carbazole	18.056	167	14078	1.271	ng/ul#	78
78) Di-n-butylphthalate	18.608	149	180361	13.526	ng/ul	98
83) Butylbenzylphthalate	20.964	149	2575768	457.863	ng/ul#	92
86) Bis(2-ethylhexyl)phtha...	21.880	149	4479851	568.507	ng/ul#	69
89) Di-n-octyl phthalate	23.185	149	717603	51.613	ng/ul	100

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ALS Vial : 26 Sample Multiplier: 1

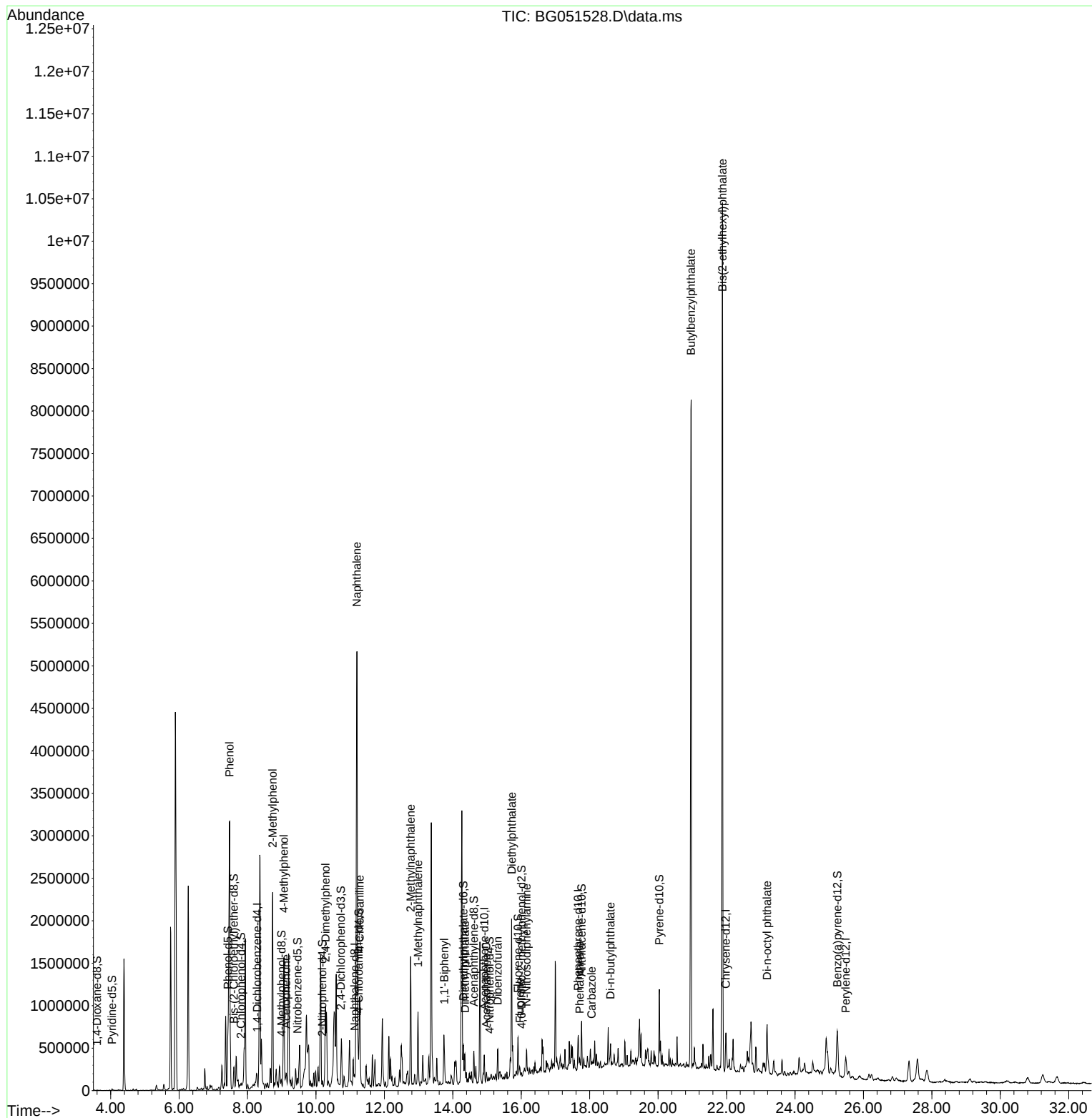
Quant Time: Dec 15 23:22:35 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 14 14:19:57 2021
Response via : Initial Calibration

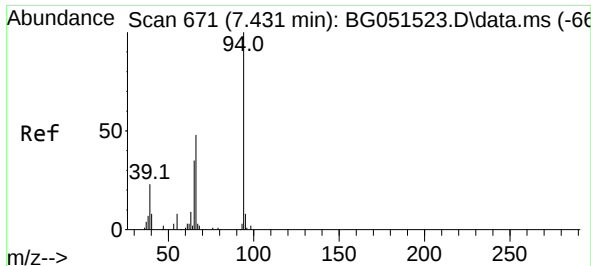
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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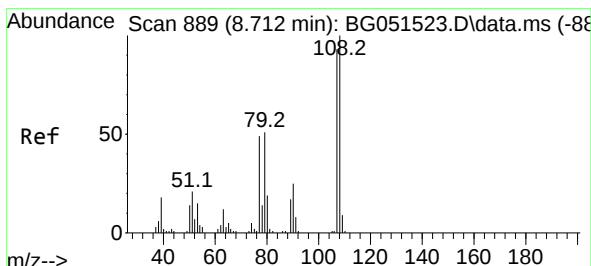
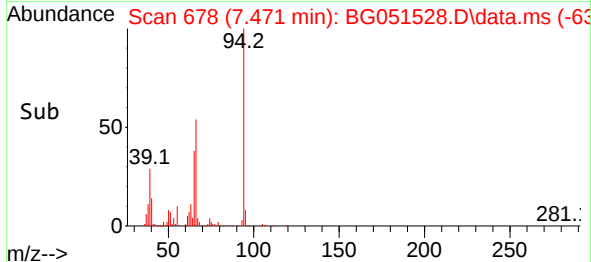
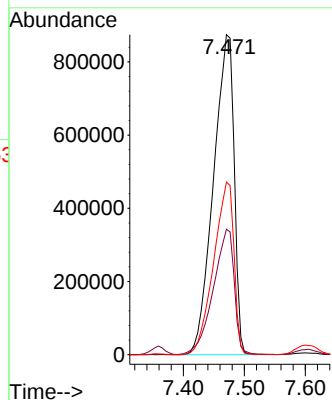
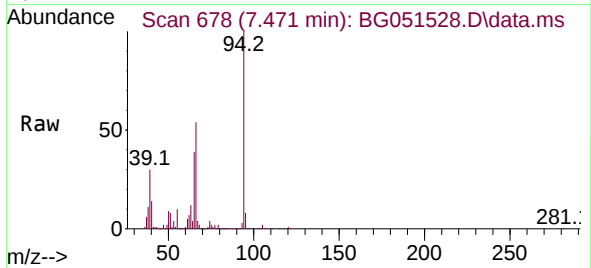




#8
Phenol
Concen: 711.272 ng/ul
RT: 7.471 min Scan# 678
Delta R.T. 0.030 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion: 94 Resp: 2057562

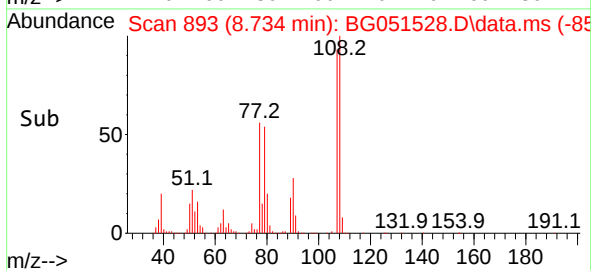
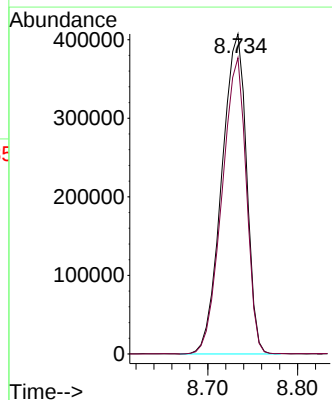
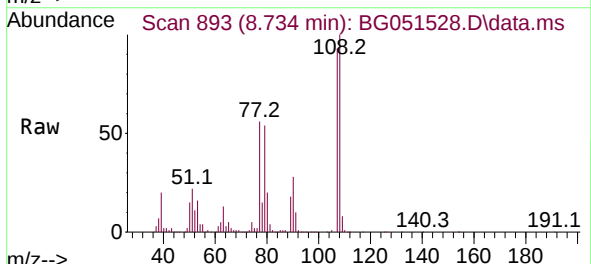
Ion	Ratio	Lower	Upper
94	100		
65	39.2	25.1	37.7#
66	54.0	31.6	47.4#

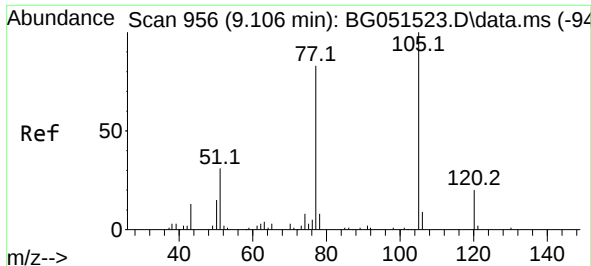


#13
2-Methylphenol
Concen: 357.611 ng/ul
RT: 8.734 min Scan# 893
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion: 108 Resp: 780532

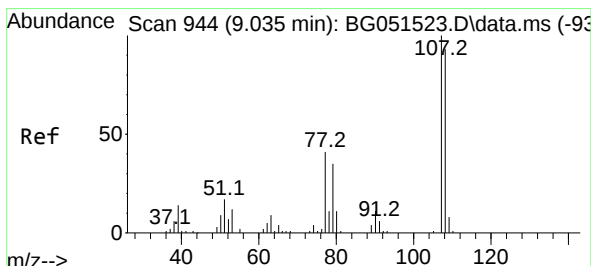
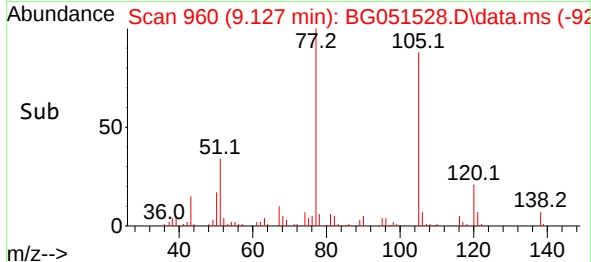
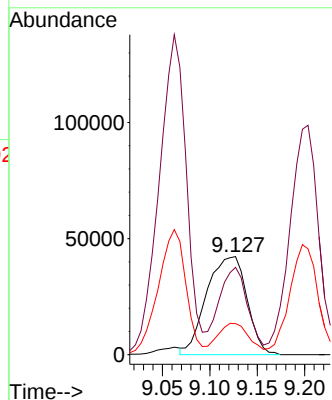
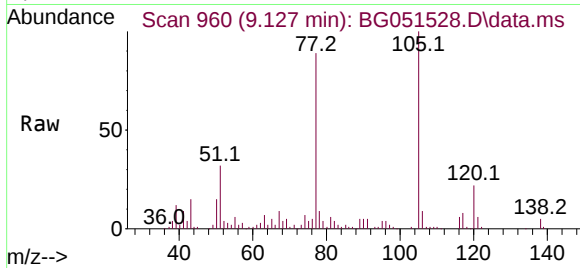
Ion	Ratio	Lower	Upper
108	100		
107	92.5	71.8	107.6





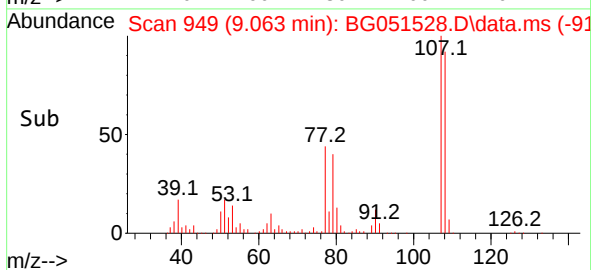
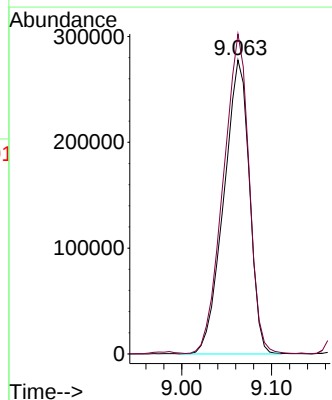
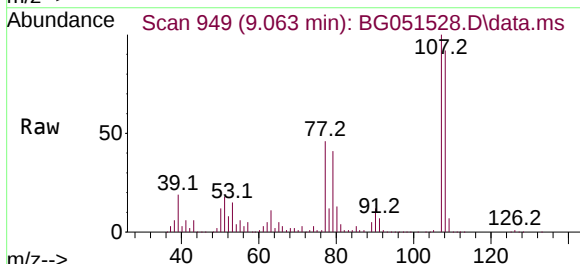
#16
Acetophenone
Concen: 35.328 ng/ul
RT: 9.127 min Scan# 960
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

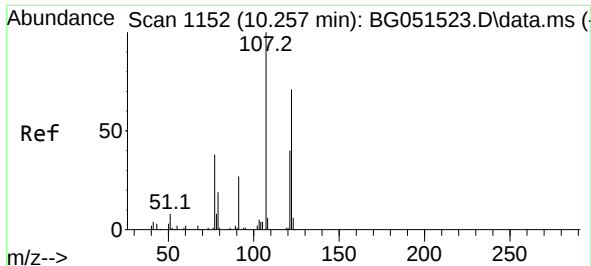
Tgt Ion	Ratio	Lower	Upper
105	100		
77	89.1	67.3	100.9
51	31.7	24.0	36.0



#18
4-Methylphenol
Concen: 238.649 ng/ul
RT: 9.063 min Scan# 949
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

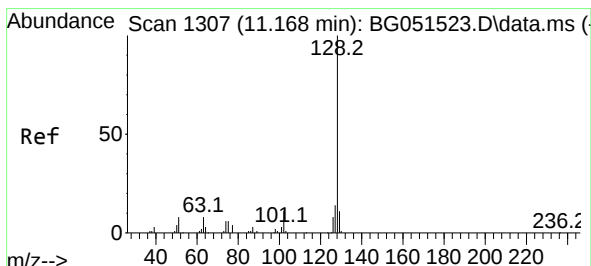
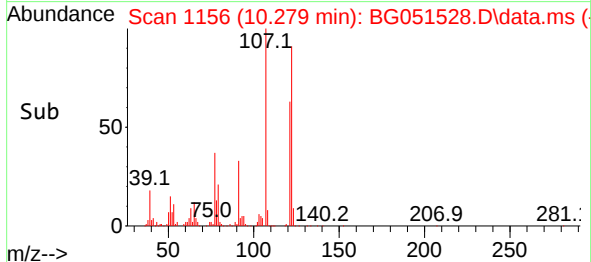
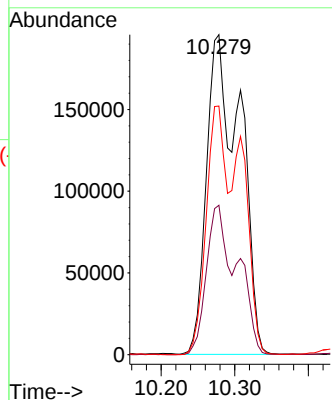
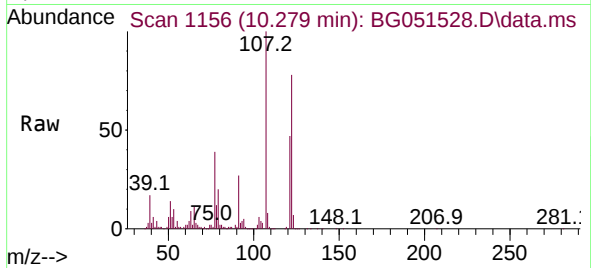
Tgt Ion	Ratio	Lower	Upper
108	100		
107	108.9	95.0	142.4





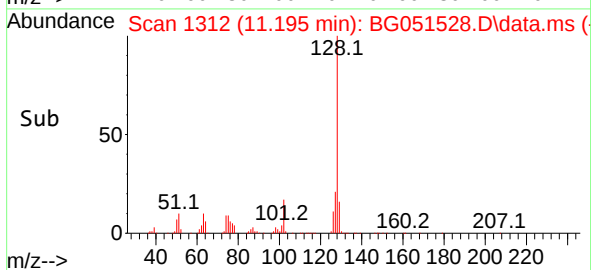
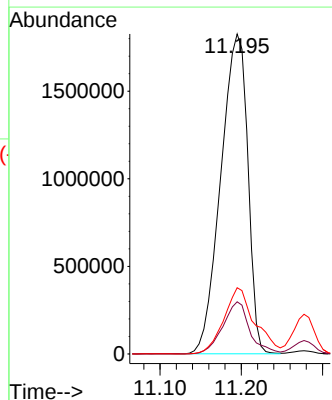
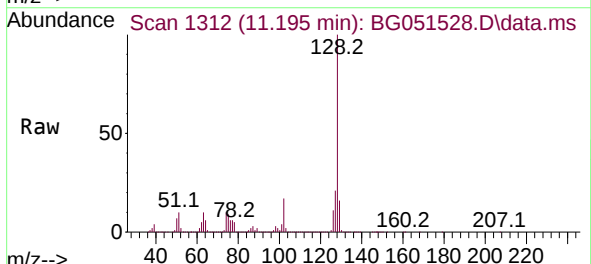
#26
2,4-Dimethylphenol
Concen: 218.233 ng/ul m
RT: 10.279 min Scan# 1156
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

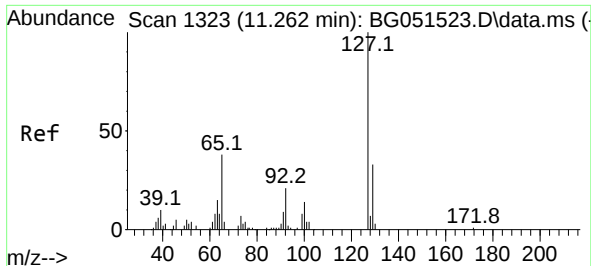
Tgt Ion:107 Resp: 619570
Ion Ratio Lower Upper
107 100
121 46.7 39.3 58.9
122 77.7 63.7 95.5



#30
Naphthalene
Concen: 568.082 ng/ul
RT: 11.195 min Scan# 1312
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

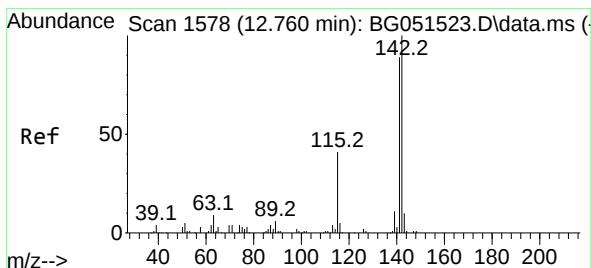
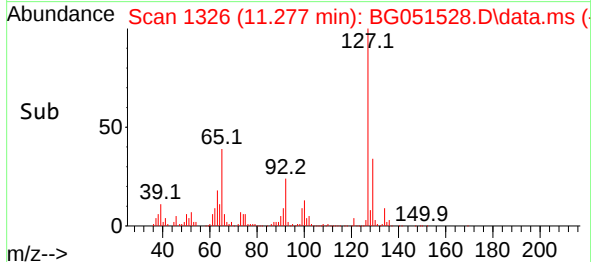
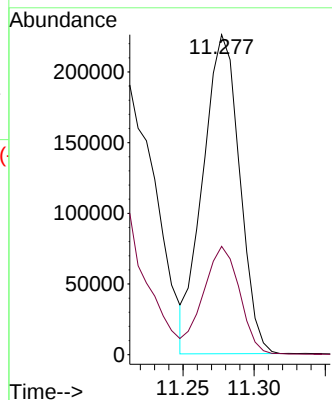
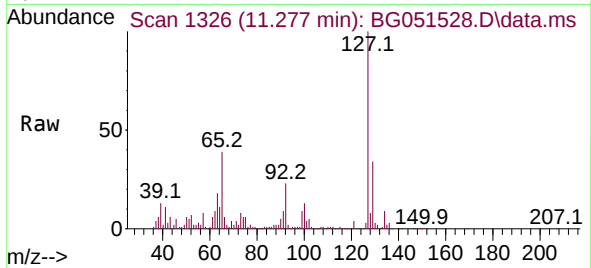
Tgt Ion:128 Resp: 4209555
Ion Ratio Lower Upper
128 100
129 16.3 8.5 12.7#
127 20.7 11.8 17.6#





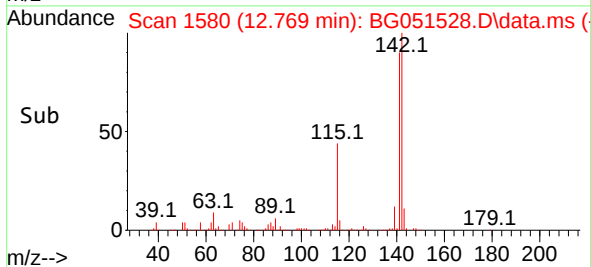
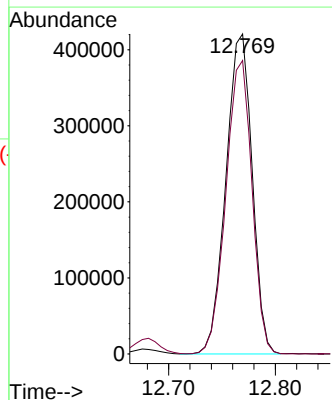
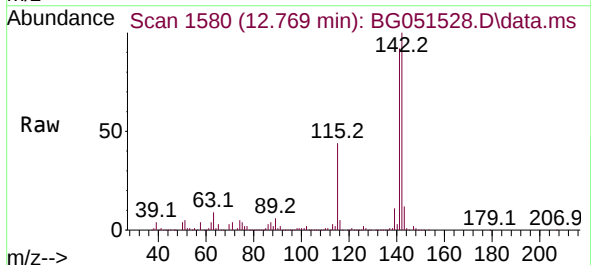
#32
4-Chloroaniline
Concen: 126.077 ng/ul
RT: 11.277 min Scan# 1326
Delta R.T. 0.006 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

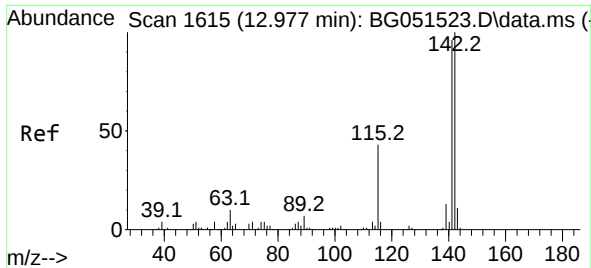
Tgt Ion:127 Resp: 405203
Ion Ratio Lower Upper
127 100
129 33.9 26.2 39.2



#36
2-Methylnaphthalene
Concen: 136.105 ng/ul
RT: 12.769 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

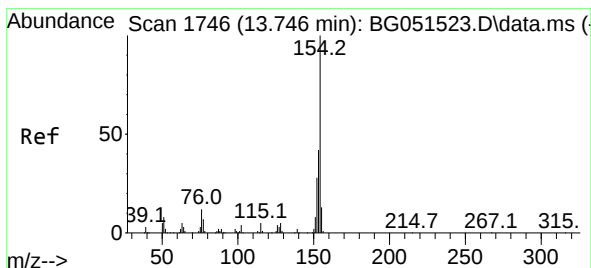
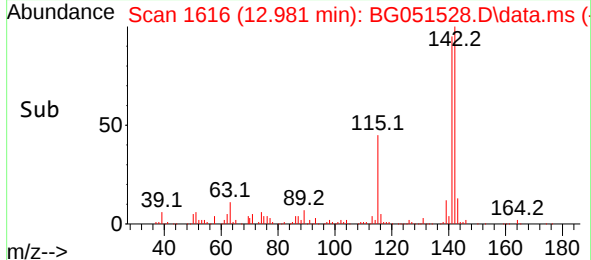
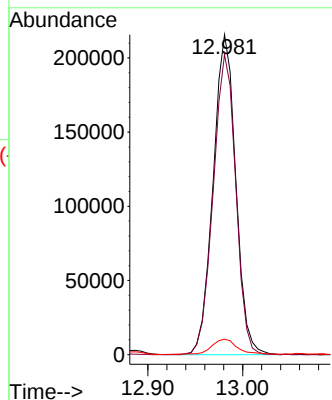
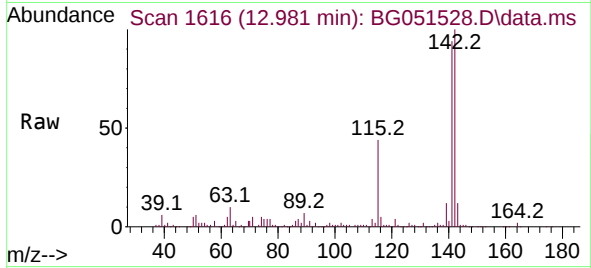
Tgt Ion:142 Resp: 719518
Ion Ratio Lower Upper
142 100
141 91.7 73.3 109.9





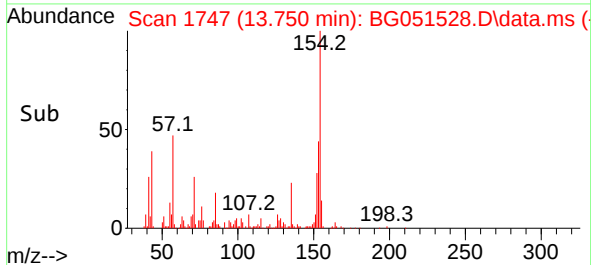
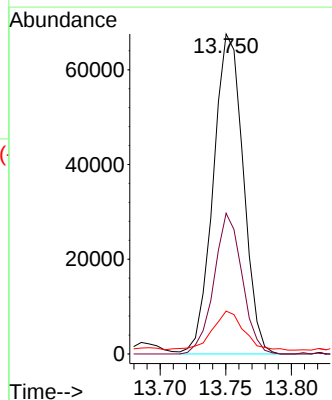
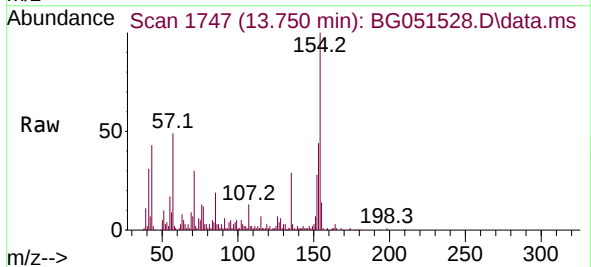
#37
1-Methylnaphthalene
Concen: 65.155 ng/ul
RT: 12.981 min Scan# 1616
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

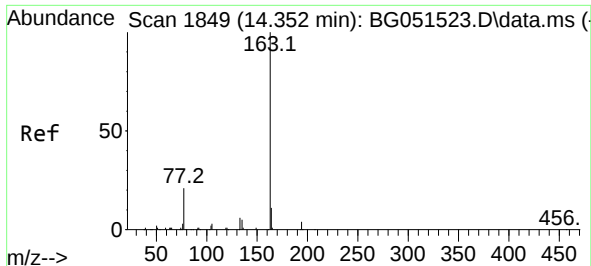
Tgt Ion:142	Resp:	357639
Ion Ratio	Lower	Upper
142	100	
141	93.8	77.8 116.8
116	4.8	3.3 4.9



#43
1,1'-Biphenyl
Concen: 12.846 ng/ul
RT: 13.750 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

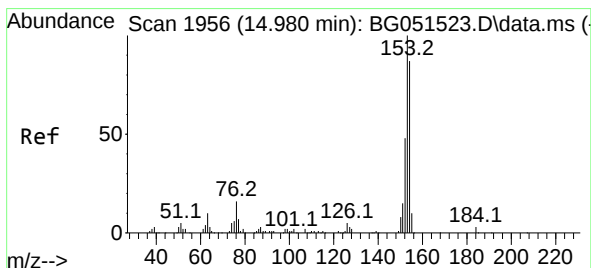
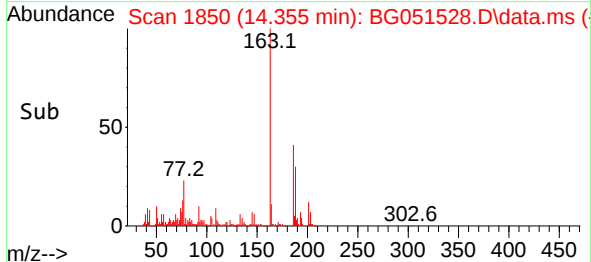
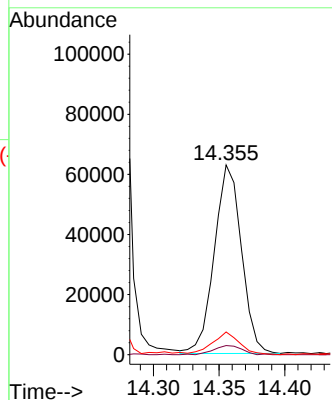
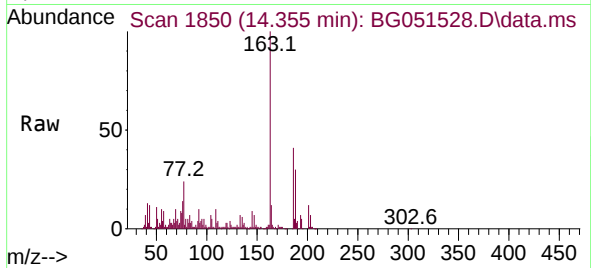
Tgt Ion:154	Resp:	107272
Ion Ratio	Lower	Upper
154	100	
153	44.0	34.5 51.7
76	13.4	13.1 19.7





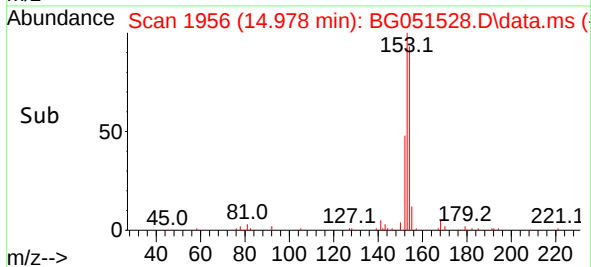
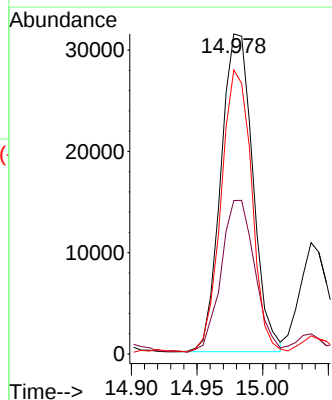
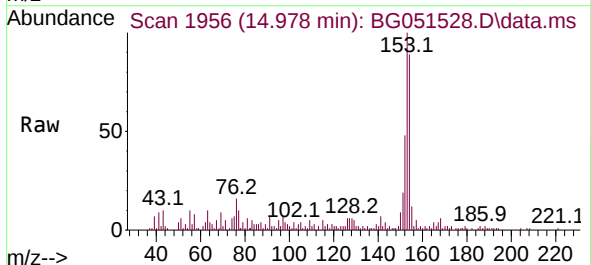
#47
Dimethylphthalate
Concen: 10.623 ng/ul
RT: 14.355 min Scan# 1850
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

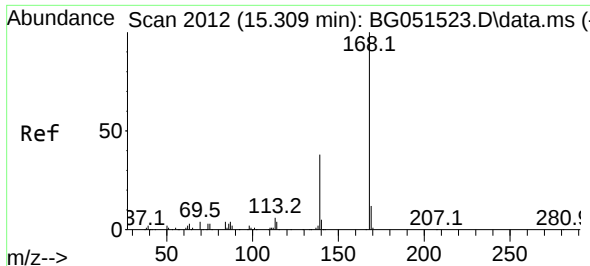
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.0	4.4#
164	12.0	8.2	12.4



#52
Acenaphthene
Concen: 7.587 ng/ul
RT: 14.978 min Scan# 1956
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

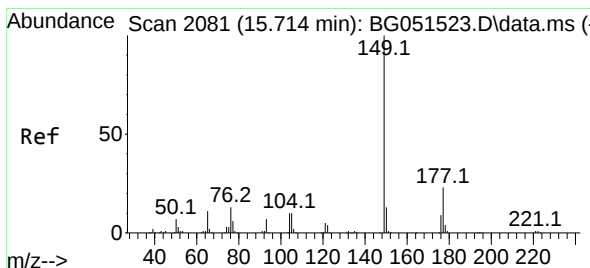
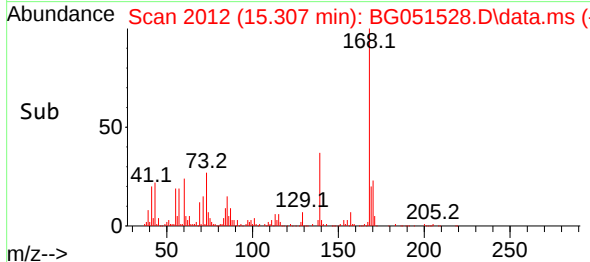
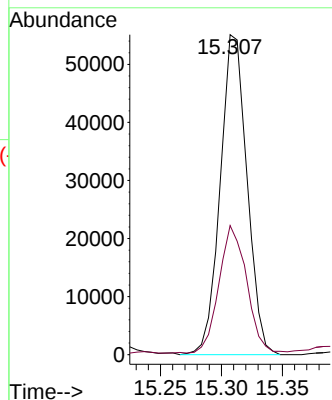
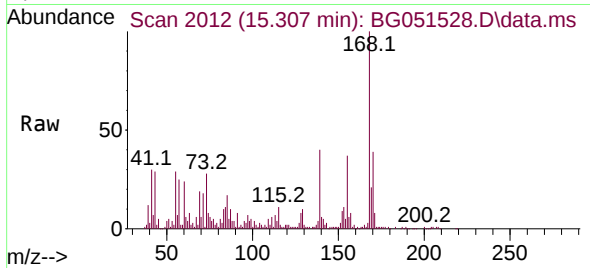
Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	36.5	54.7
154	88.7	65.8	98.6





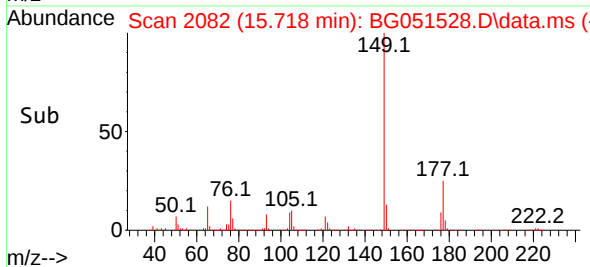
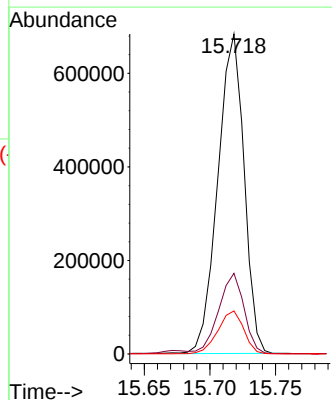
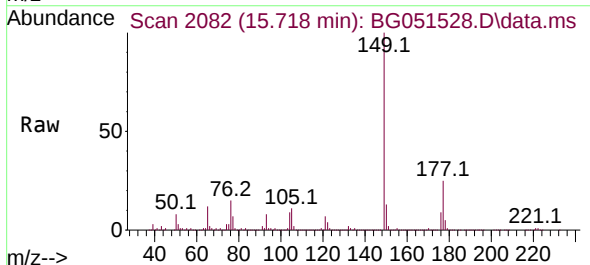
#56
Dibenzenofuran
Concen: 8.183 ng/ul
RT: 15.307 min Scan# 2012
Delta R.T. -0.011 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

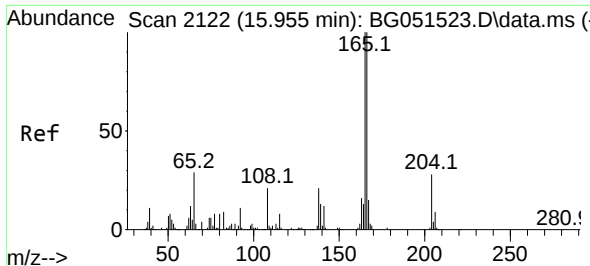
Tgt Ion:168 Resp: 84417
Ion Ratio Lower Upper
168 100
139 40.4 31.2 46.8



#59
Diethylphthalate
Concen: 107.446 ng/ul
RT: 15.718 min Scan# 2082
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

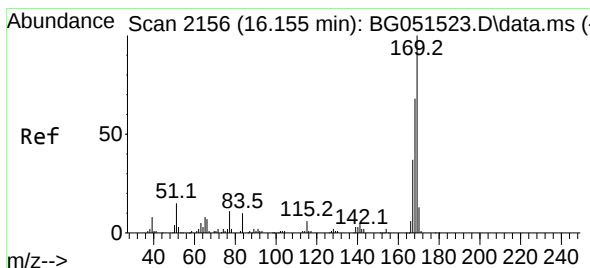
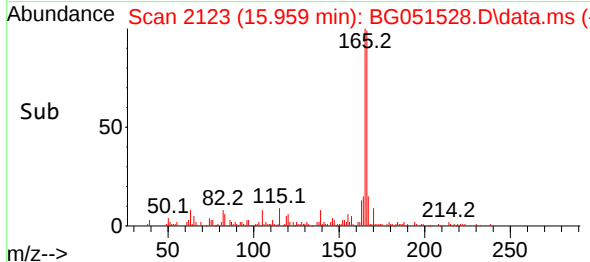
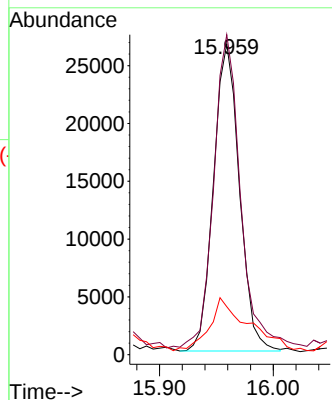
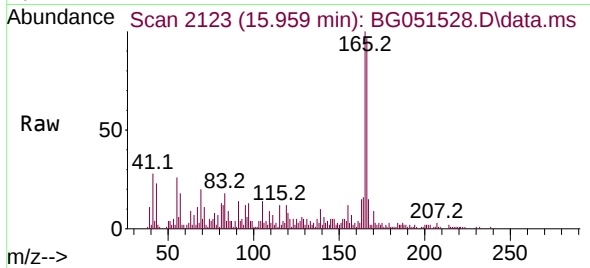
Tgt Ion:149 Resp: 948185
Ion Ratio Lower Upper
149 100
177 25.2 16.8 25.2
150 13.4 10.1 15.1





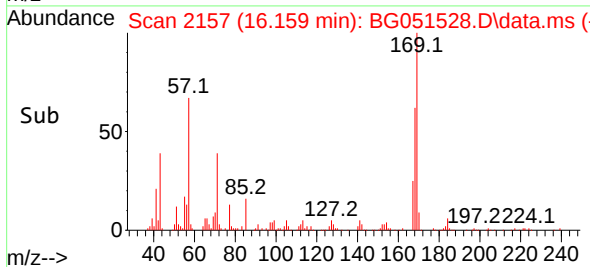
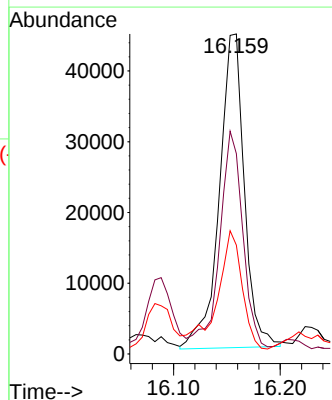
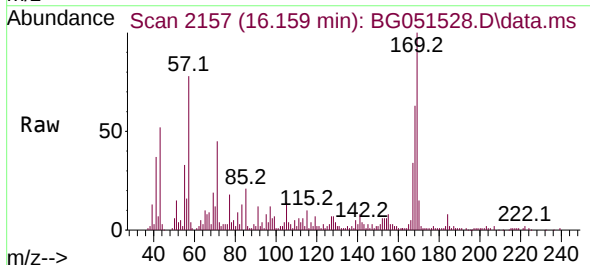
#61
Fluorene
Concen: 4.934 ng/ul
RT: 15.959 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

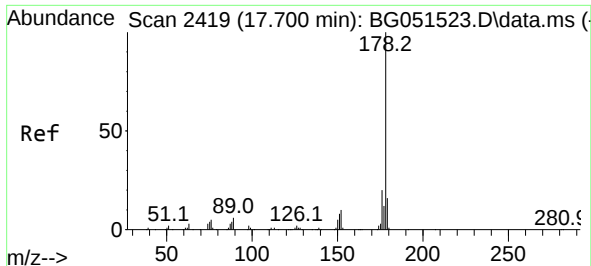
Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.0	81.0	121.6
167	15.5	11.0	16.4



#67
N-Nitrosodiphenylamine
Concen: 11.305 ng/ul
RT: 16.159 min Scan# 2157
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

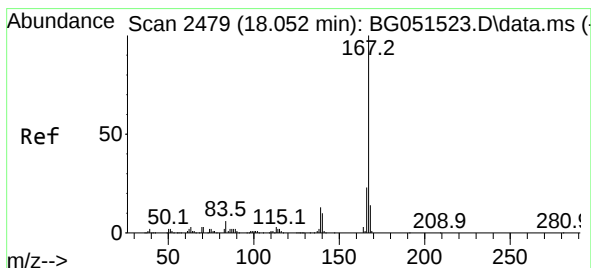
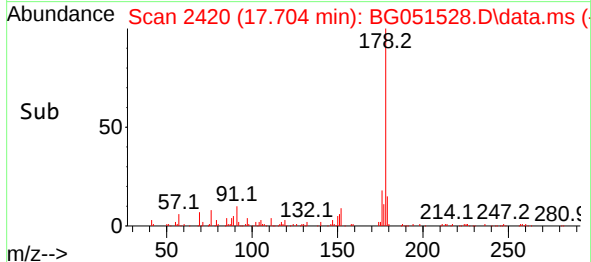
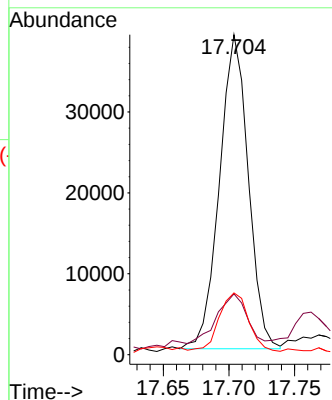
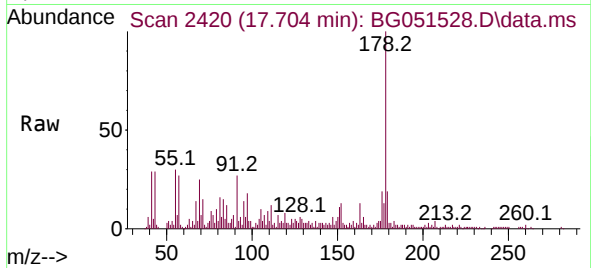
Tgt Ion	Ratio	Lower	Upper
169	100		
168	62.6	58.5	87.7
167	34.0	31.3	46.9





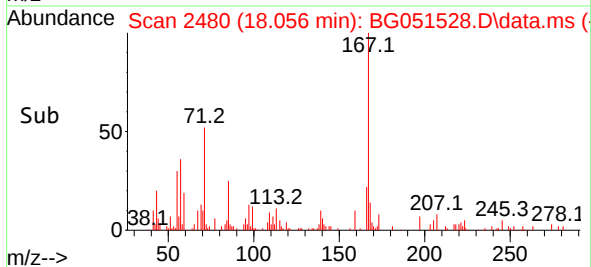
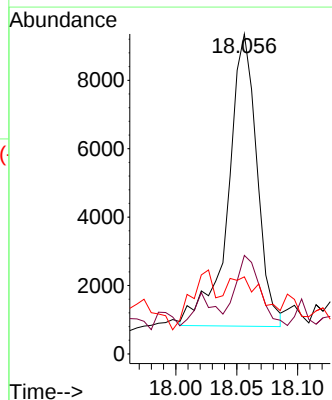
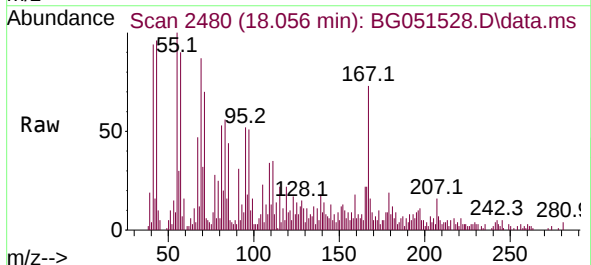
#72
Phenanthrene
Concen: 4.834 ng/ul
RT: 17.704 min Scan# 2420
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

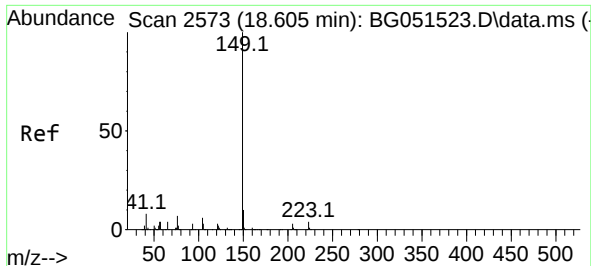
Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.3	18.5#
176	19.3	15.5	23.3



#77
Carbazole
Concen: 1.271 ng/ul
RT: 18.056 min Scan# 2480
Delta R.T. -0.005 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

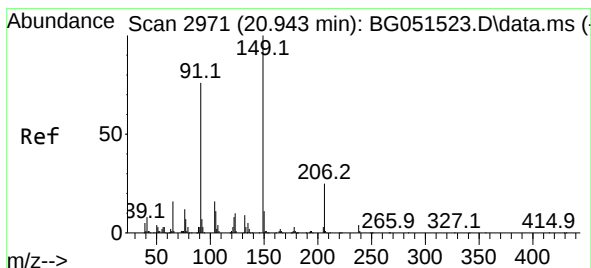
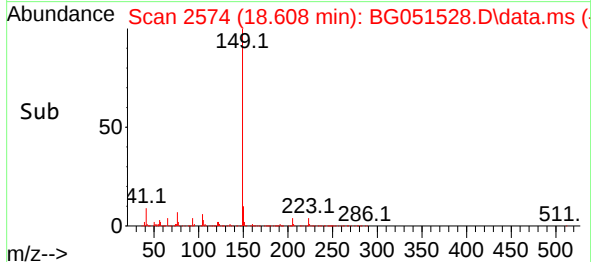
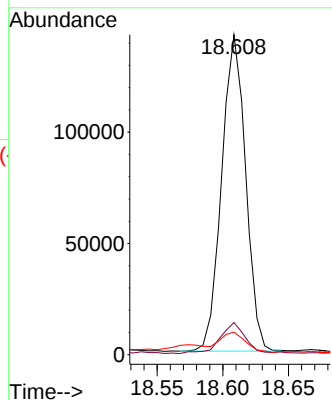
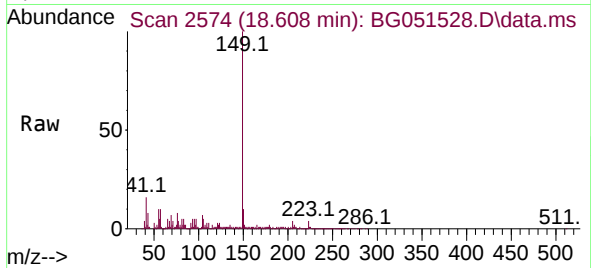
Tgt Ion	Ratio	Lower	Upper
167	100		
166	30.8	17.3	25.9#
139	24.1	10.6	16.0#





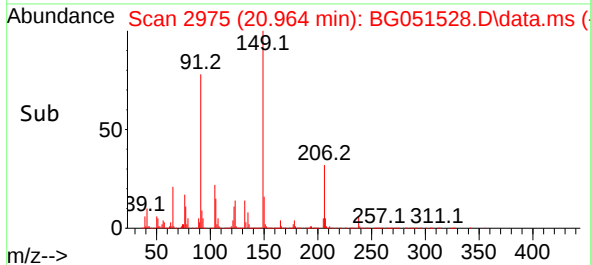
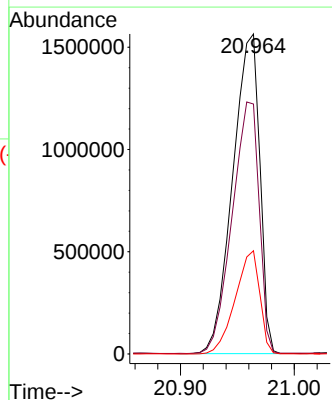
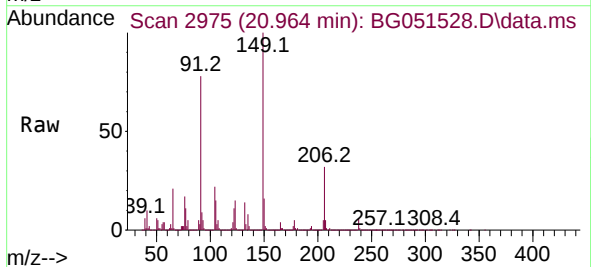
#78
Di-n-butylphthalate
Concen: 13.526 ng/ul
RT: 18.608 min Scan# 2574
Delta R.T. -0.006 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

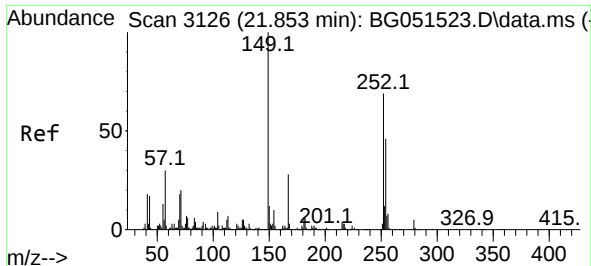
Tgt Ion:149 Resp: 180361
Ion Ratio Lower Upper
149 100
150 10.1 7.5 11.3
104 7.0 5.0 7.6



#83
Butylbenzylphthalate
Concen: 457.863 ng/ul
RT: 20.964 min Scan# 2975
Delta R.T. 0.018 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

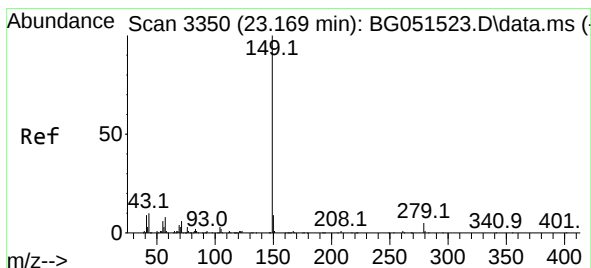
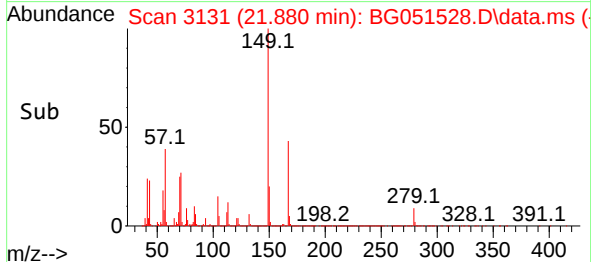
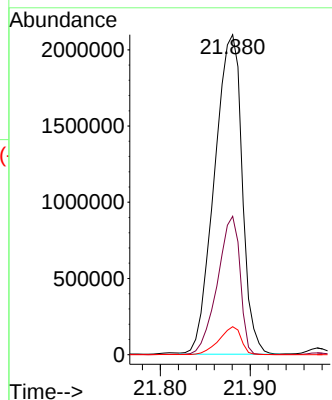
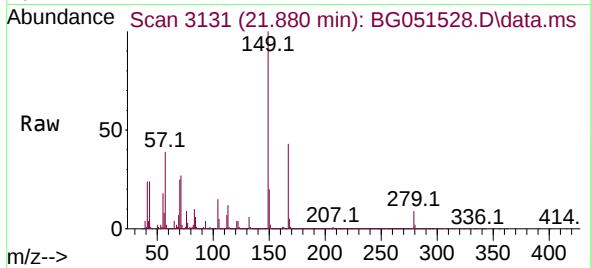
Tgt Ion:149 Resp: 2575768
Ion Ratio Lower Upper
149 100
91 78.1 65.2 97.8
206 32.2 16.2 24.2#





#86
Bis(2-ethylhexyl)phthalate
Concen: 568.507 ng/ul
RT: 21.880 min Scan# 3131
Delta R.T. 0.012 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion:149 Resp: 4479851
Ion Ratio Lower Upper
149 100
167 43.3 21.1 31.7#
279 8.8 2.7 4.1#



#89
Di-n-octyl phthalate
Concen: 51.613 ng/ul
RT: 23.185 min Scan# 3353
Delta R.T. 0.000 min
Lab File: BG051528.D
Acq: 15 Dec 2021 8:07

Tgt Ion:149 Resp: 717603

