

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122022\
 Data File : BG056029.D
 Acq On : 20 Dec 2022 14:20
 Operator : CG/JU
 Sample : N6065-02RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 21 02:36:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 01:11:10 2022
 Response via : Initial Calibration

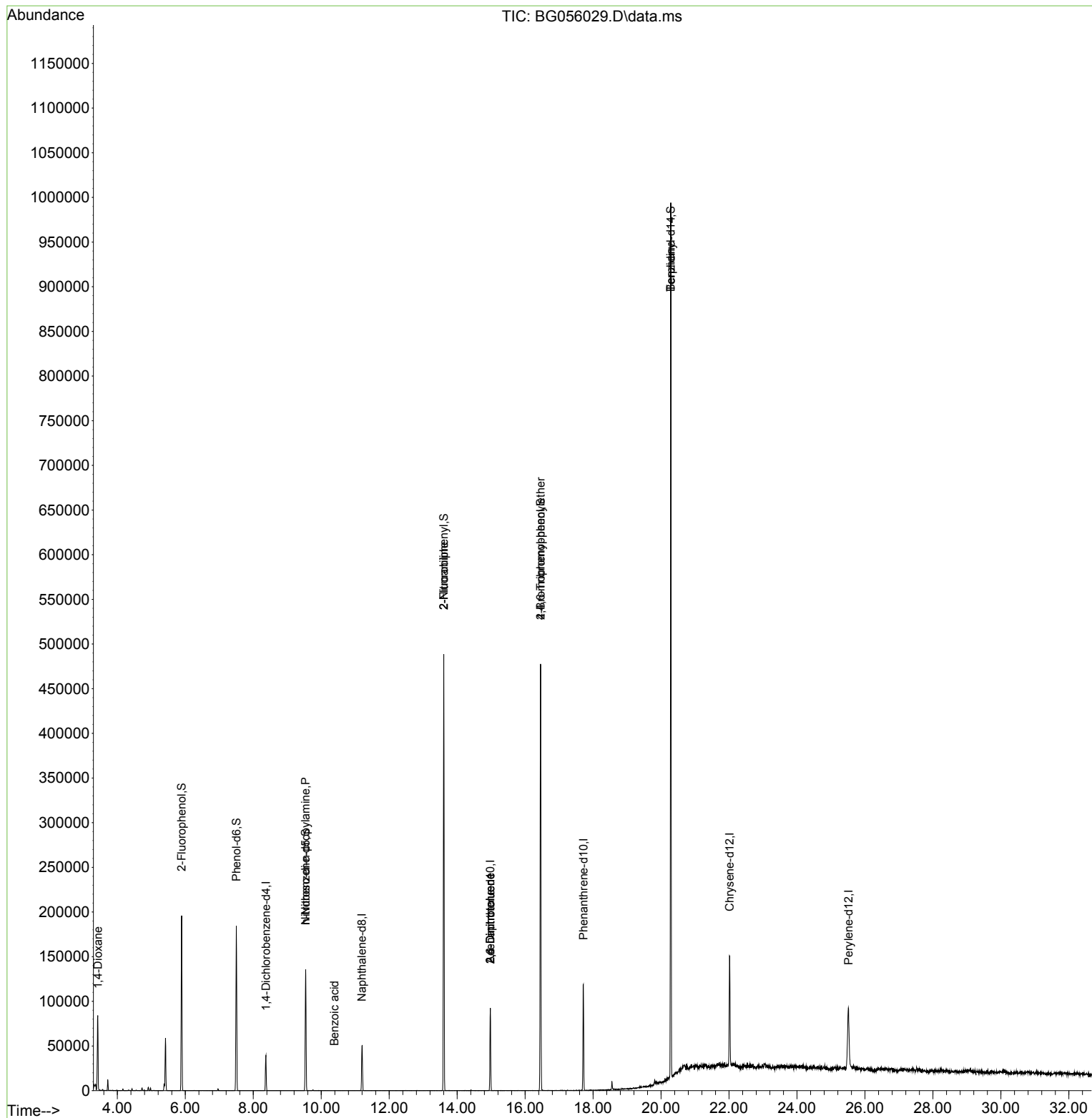
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

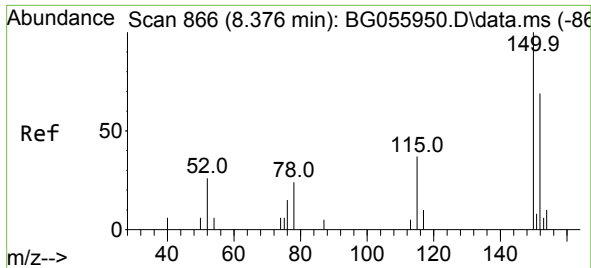
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.371	152	12354	20.000	ng	0.00
21) Naphthalene-d8	11.197	136	46828	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	36781	20.000	ng	0.00
64) Phenanthrene-d10	17.713	188	89736	20.000	ng	# 0.00
76) Chrysene-d12	22.014	240	87235	20.000	ng	0.00
86) Perylene-d12	25.516	264	103567	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.892	112	78572	149.154	ng	0.01
7) Phenol-d6	7.502	99	88718	130.946	ng	0.00
23) Nitrobenzene-d5	9.540	82	71715	107.021	ng	0.00
42) 2,4,6-Tribromophenol	16.456	330	130770	147.446	ng	0.00
45) 2-Fluorobiphenyl	13.606	172	261074	99.549	ng	0.00
79) Terphenyl-d14	20.287	244	520064	105.366	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.430	88	765	4.990	ng	# 1
19) n-Nitroso-di-n-propyla...	9.540	70	11295	23.258	ng	# 65
32) Benzoic acid	10.386	122	54	5.577	ng	# 1
48) 2-Nitroaniline	13.606	65	331	3.595	ng	# 1
51) 2,6-Dinitrotoluene	14.975	165	4648	9.445	ng	# 25
57) 2,4-Dinitrotoluene	14.975	165	4648	6.257	ng	# 35
67) 4-Bromophenyl-phenylether	16.456	248	7477	5.686	ng	# 1
77) Benzidine	20.287	184	7997	5.220	ng	# 90

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

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Data File : BG056029.D
Acq On : 20 Dec 2022 14:20
Operator : CG/JU
Sample : N6065-02RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

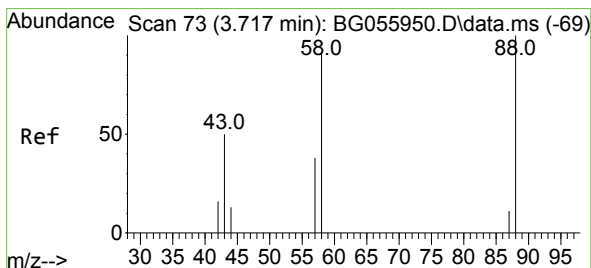
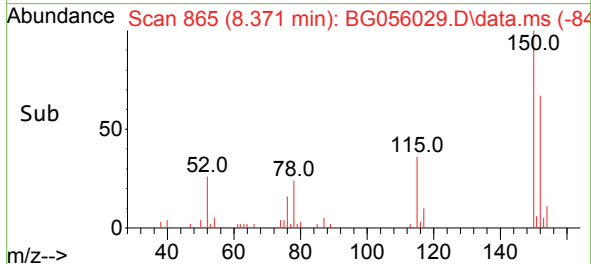
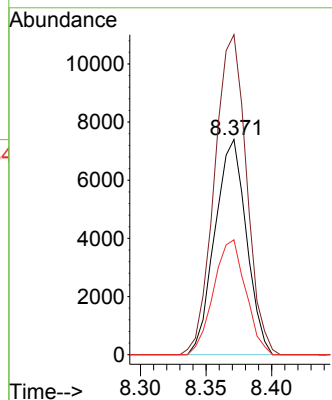
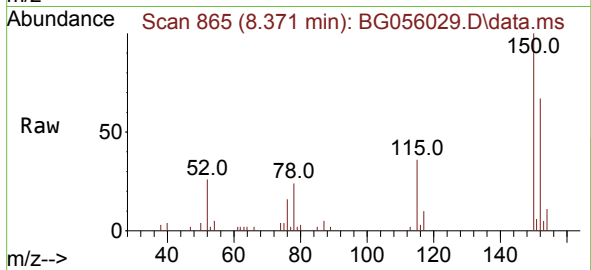
Quant Time: Dec 21 02:36:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 01:11:10 2022
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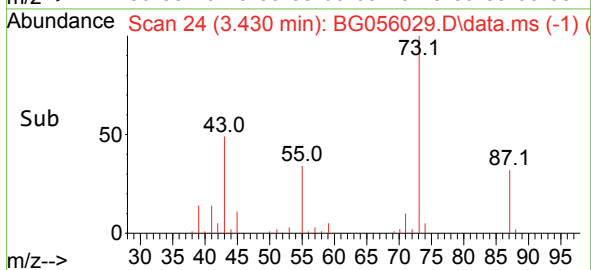
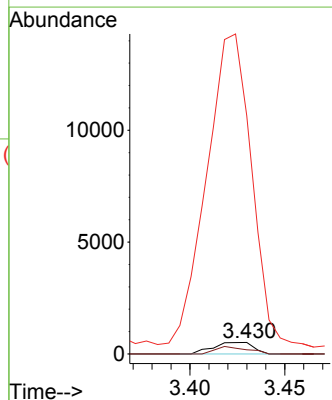
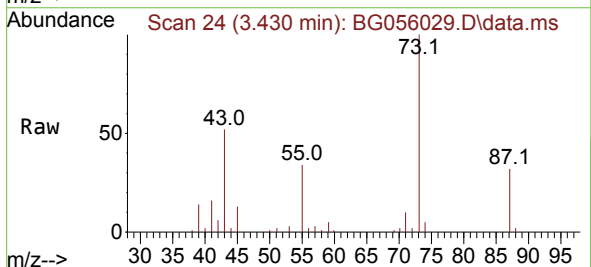
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.371 min Scan# 865
Delta R.T. 0.006 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

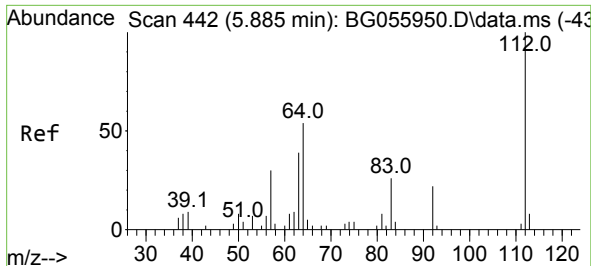
Tgt Ion:152 Resp: 12354
Ion Ratio Lower Upper
152 100
150 148.7 115.7 173.5
115 53.4 43.0 64.4



#2
1,4-Dioxane
Concen: 4.990 ng
RT: 3.430 min Scan# 24
Delta R.T. -0.276 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

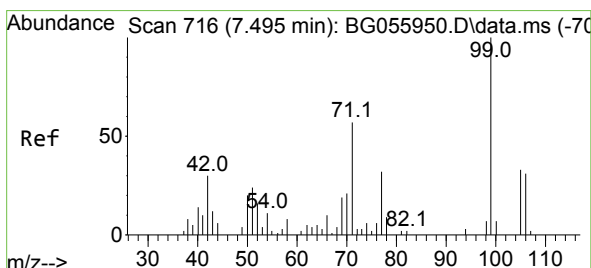
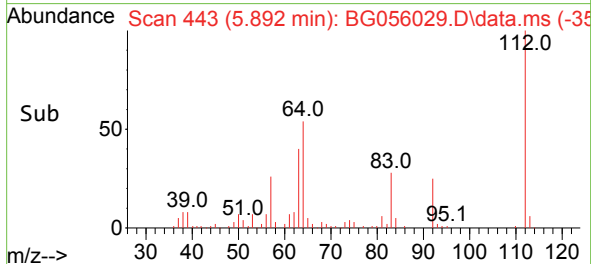
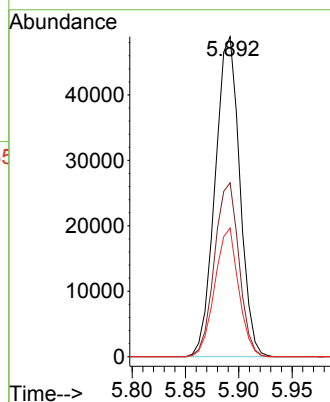
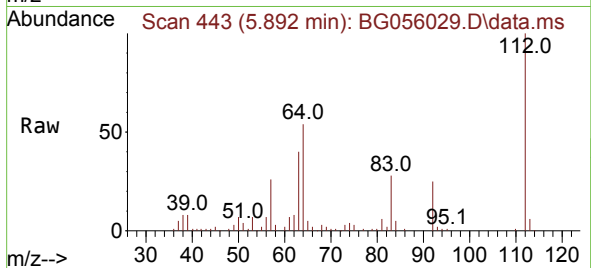
Tgt Ion: 88 Resp: 765
Ion Ratio Lower Upper
88 100
58 51.0 67.0 100.4#
43 3023.5 45.7 68.5#





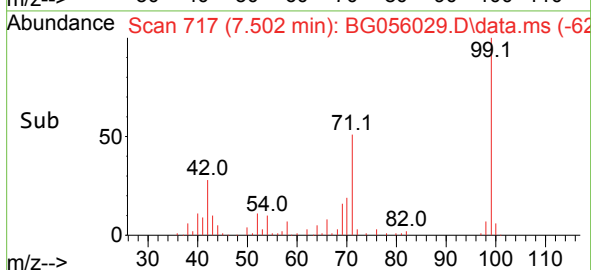
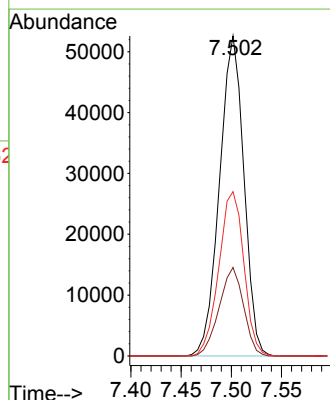
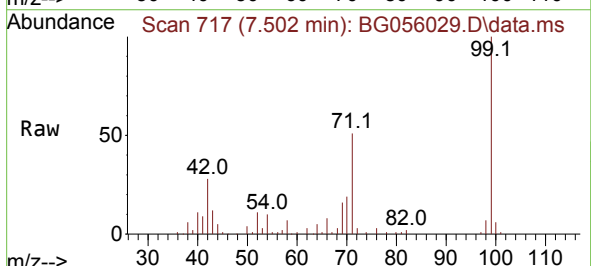
#5
2-Fluorophenol
Concen: 149.154 ng
RT: 5.892 min Scan# 443
Delta R.T. 0.012 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

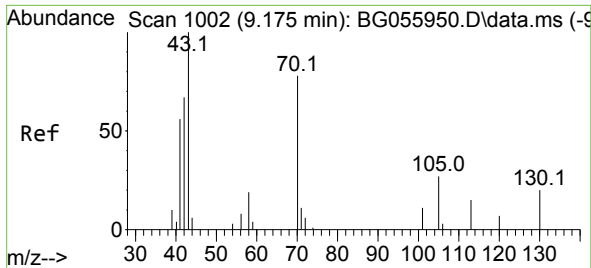
Tgt Ion:112	Resp:	78572
Ion Ratio	Lower	Upper
112	100	
64	54.4	43.0 64.4
63	40.2	31.4 47.2



#7
Phenol-d6
Concen: 130.946 ng
RT: 7.502 min Scan# 717
Delta R.T. 0.006 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

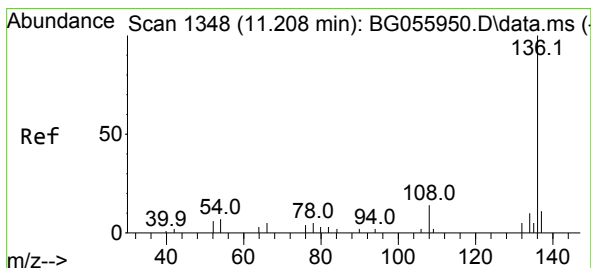
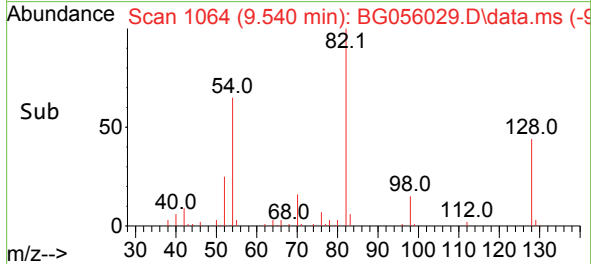
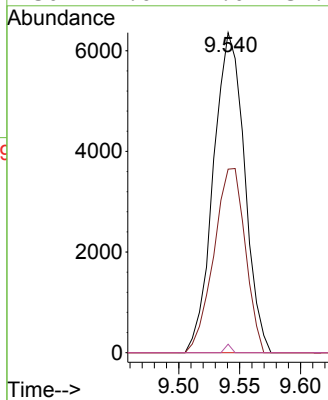
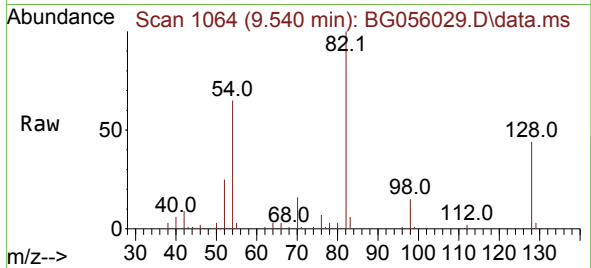
Tgt Ion: 99	Resp:	88718
Ion Ratio	Lower	Upper
99	100	
42	27.7	24.3 36.5
71	51.3	45.6 68.4





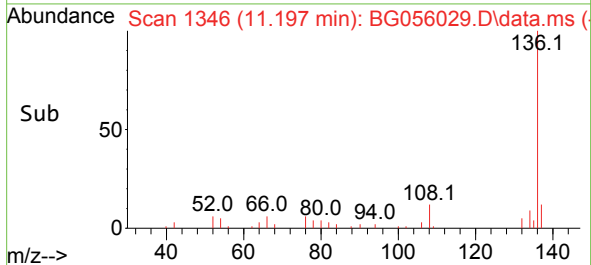
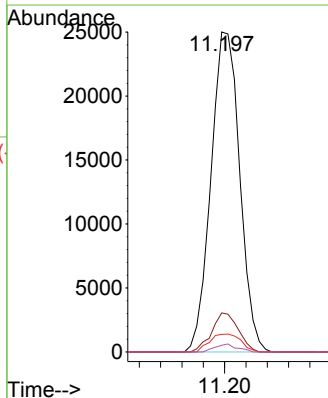
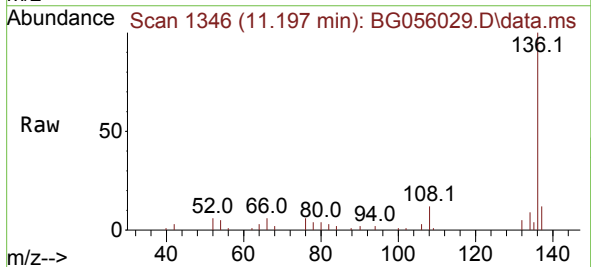
#19
n-Nitroso-di-n-propylamine
Concen: 23.258 ng
RT: 9.540 min Scan# 1064
Delta R.T. 0.371 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

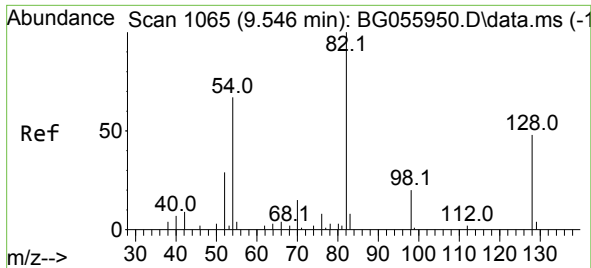
Tgt Ion: 70	Resp: 11295
Ion Ratio	Lower Upper
70	100
42	57.3 69.0 103.4#
101	0.0 11.8 17.8#
130	2.6 21.0 31.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.197 min Scan# 1346
Delta R.T. 0.001 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

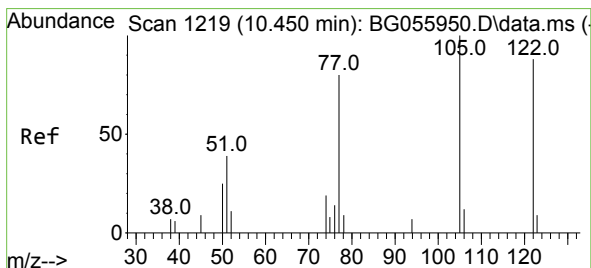
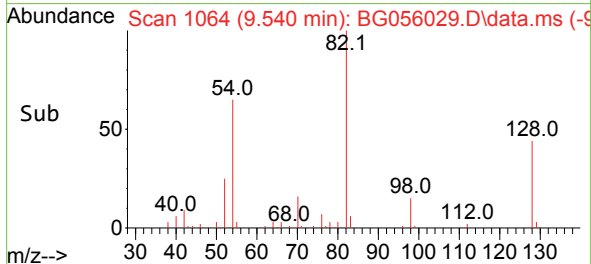
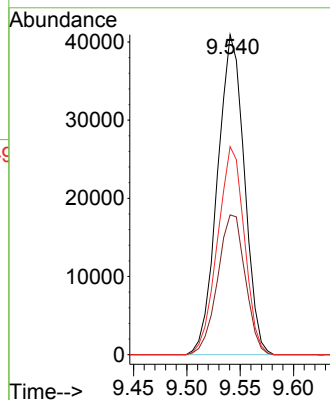
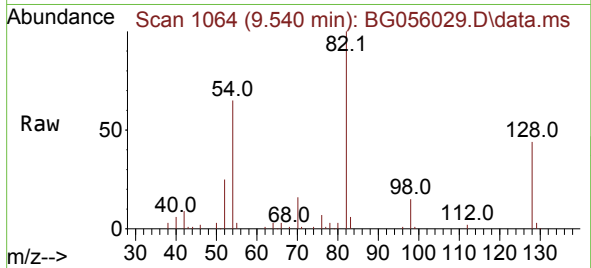
Tgt Ion: 136	Resp: 46828
Ion Ratio	Lower Upper
136	100
137	12.2 9.2 13.8
54	5.5 5.6 8.4#
68	2.1 0.0 0.0#





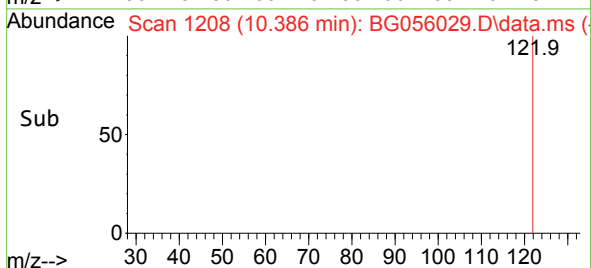
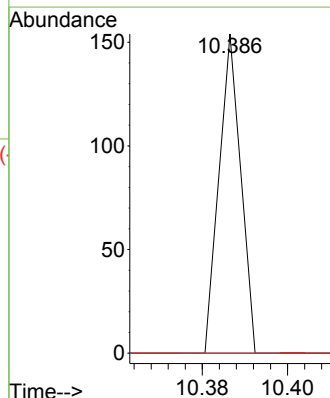
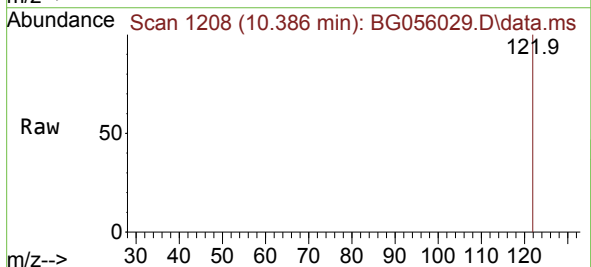
#23
Nitrobenzene-d5
Concen: 107.021 ng
RT: 9.540 min Scan# 1064
Delta R.T. 0.001 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

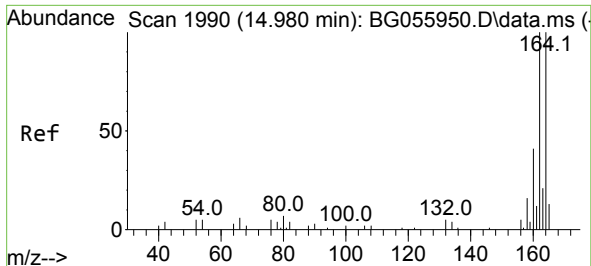
Tgt Ion: 82 Resp: 71715
Ion Ratio Lower Upper
82 100
128 43.7 38.4 57.6
54 65.0 53.3 79.9



#32
Benzoic acid
Concen: 5.577 ng
RT: 10.386 min Scan# 1208
Delta R.T. -0.070 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

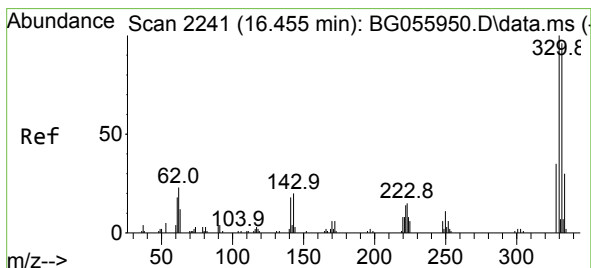
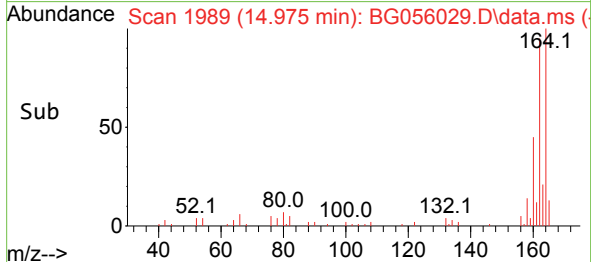
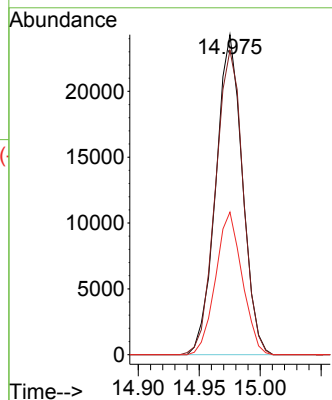
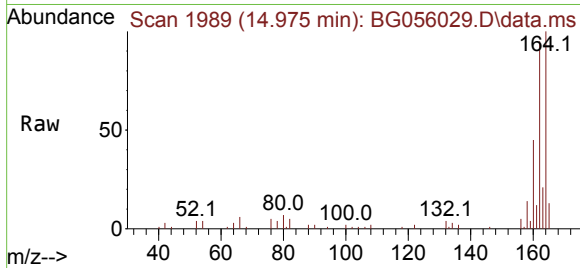
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 90.6 130.6#
77 0.0 61.0 101.0#





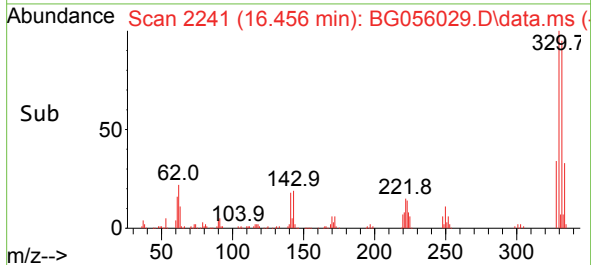
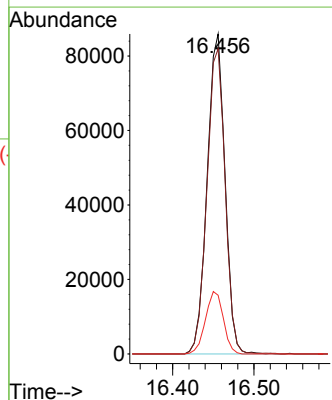
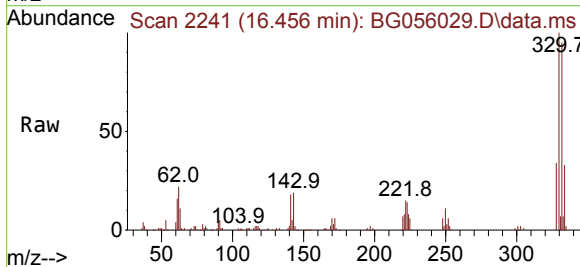
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.001 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

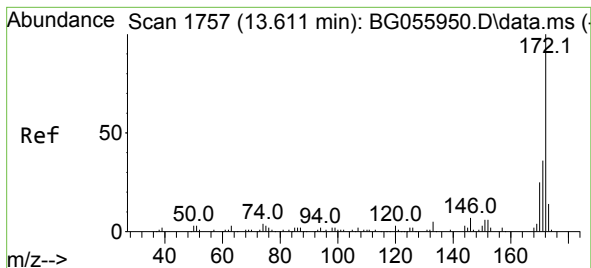
Tgt Ion:164 Resp: 36781
Ion Ratio Lower Upper
164 100
162 95.2 79.8 119.8
160 44.6 33.0 49.4



#42
2,4,6-Tribromophenol
Concen: 147.446 ng
RT: 16.456 min Scan# 2241
Delta R.T. 0.006 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

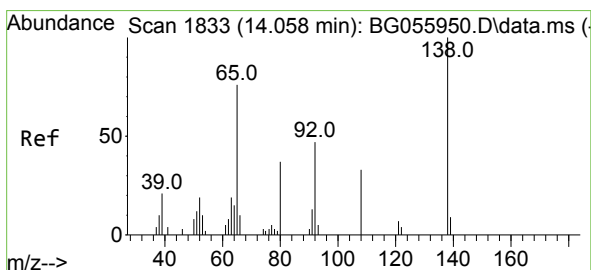
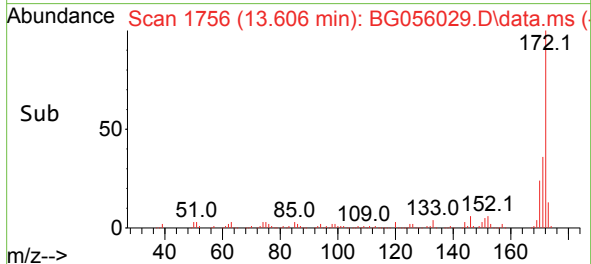
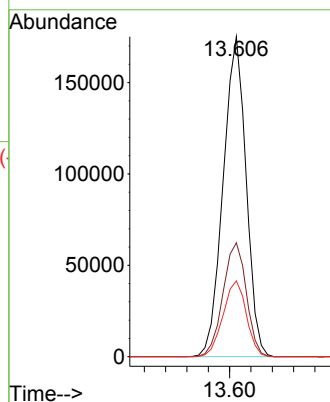
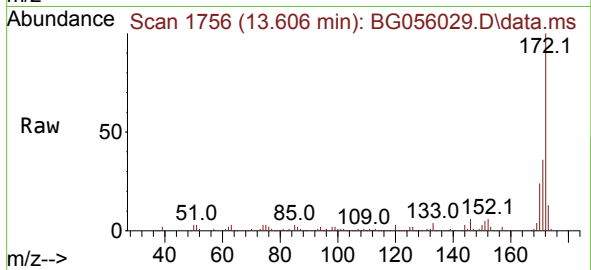
Tgt Ion:330 Resp: 130770
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 19.5 15.0 22.4





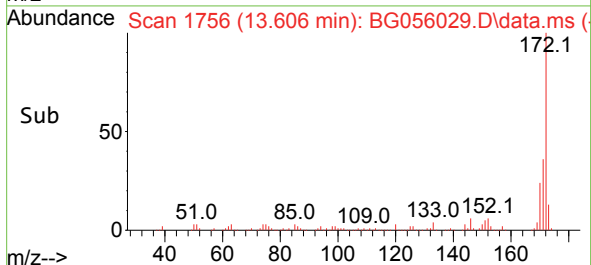
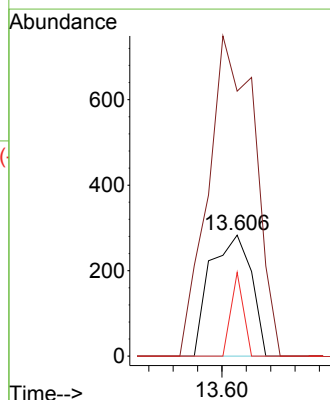
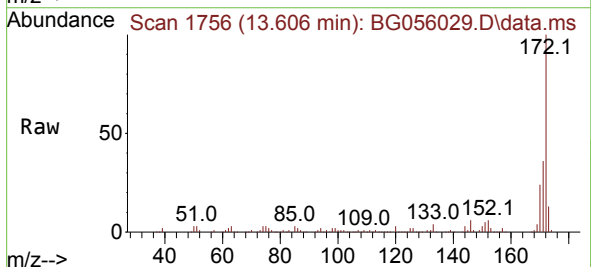
#45
2-Fluorobiphenyl
Concen: 99.549 ng
RT: 13.606 min Scan# 1756
Delta R.T. 0.006 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

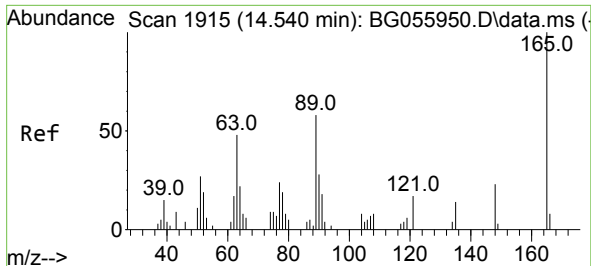
Tgt Ion:172 Resp: 261074
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.7 19.9 29.9



#48
2-Nitroaniline
Concen: 3.595 ng
RT: 13.606 min Scan# 1756
Delta R.T. -0.446 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

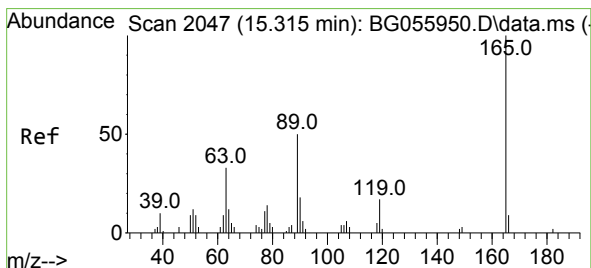
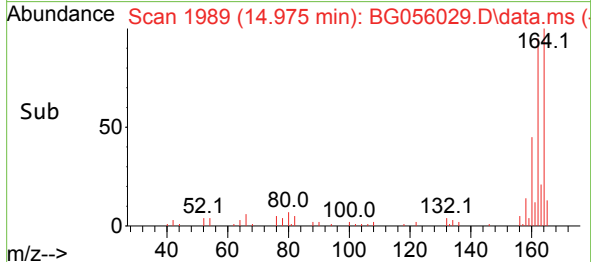
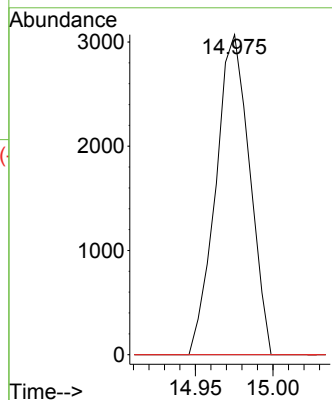
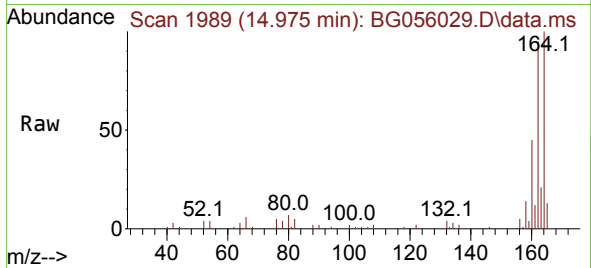
Tgt Ion: 65 Resp: 331
Ion Ratio Lower Upper
65 100
92 219.1 49.7 74.5#
138 69.3 105.0 157.6#





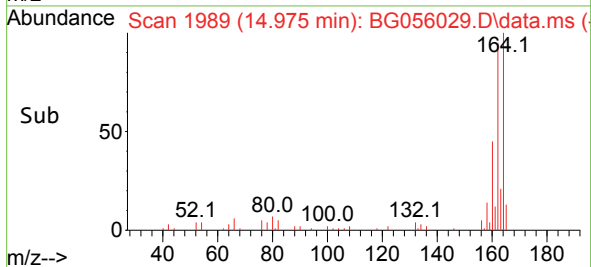
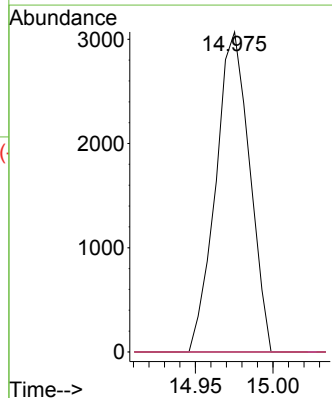
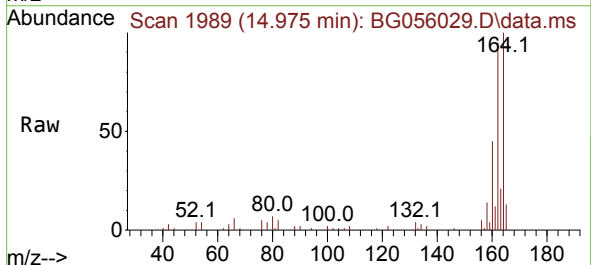
#51
2,6-Dinitrotoluene
Concen: 9.445 ng
RT: 14.975 min Scan# 1989
Delta R.T. 0.441 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

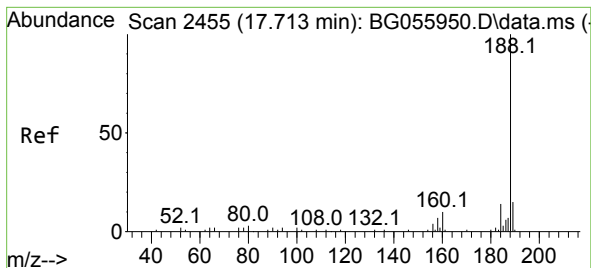
Tgt Ion:165 Resp: 4648
Ion Ratio Lower Upper
165 100
63 0.0 38.3 57.5#
89 0.0 46.3 69.5#



#57
2,4-Dinitrotoluene
Concen: 6.257 ng
RT: 14.975 min Scan# 1989
Delta R.T. -0.340 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

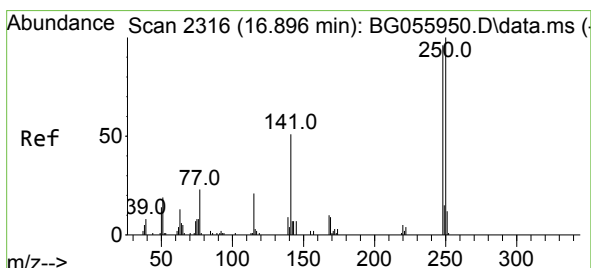
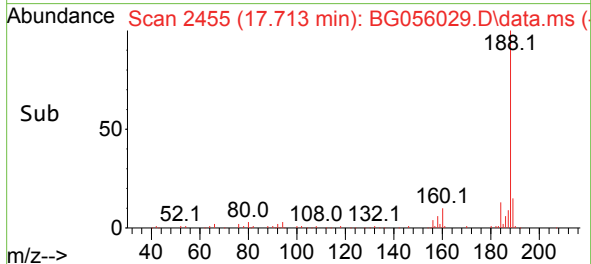
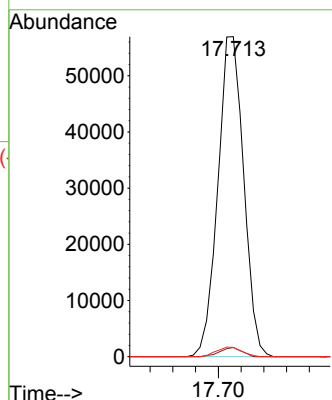
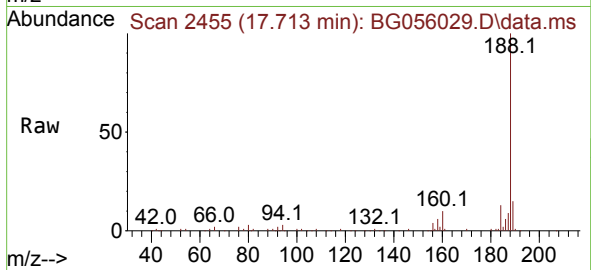
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Ion Ratio Lower Upper
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63 0.0 26.6 39.8#
89 0.0 40.1 60.1#
182 0.0 1.8 2.6#





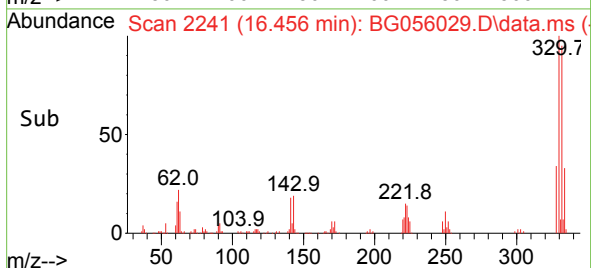
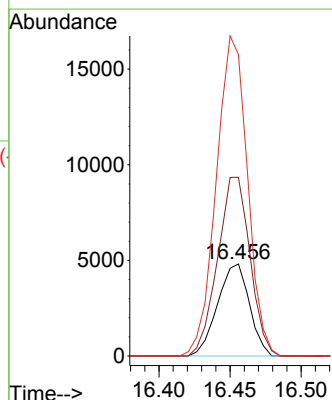
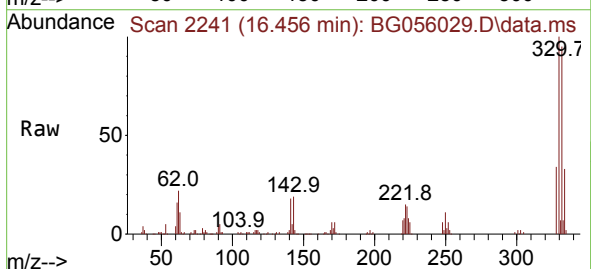
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.713 min Scan# 2455
Delta R.T. 0.006 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

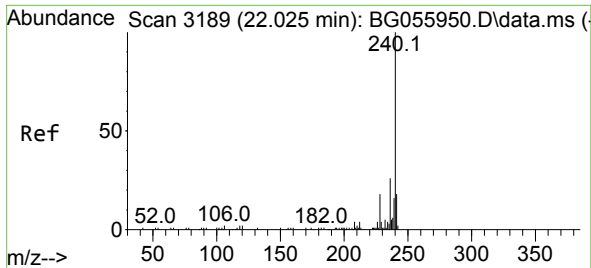
Tgt Ion:188 Resp: 89736
Ion Ratio Lower Upper
188 100
94 2.9 1.8 2.8#
80 2.9 2.4 3.6



#67
4-Bromophenyl-phenylether
Concen: 5.686 ng
RT: 16.456 min Scan# 2241
Delta R.T. -0.434 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

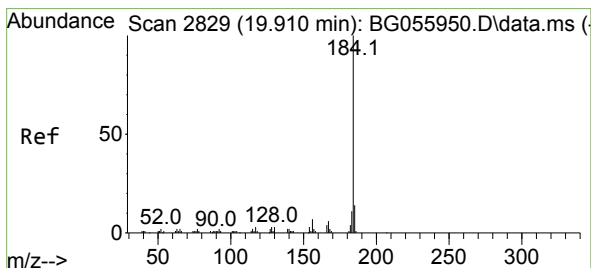
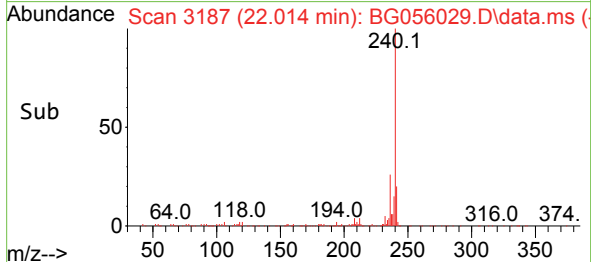
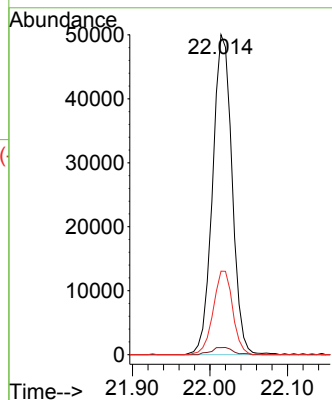
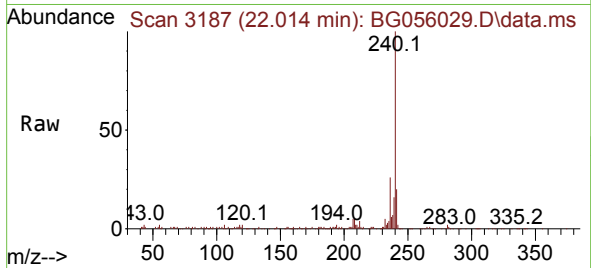
Tgt Ion:248 Resp: 7477
Ion Ratio Lower Upper
248 100
250 194.1 83.0 124.6#
141 327.1 42.6 64.0#





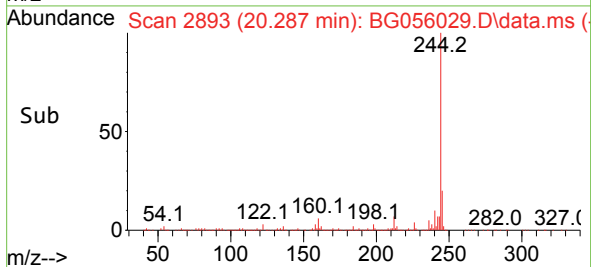
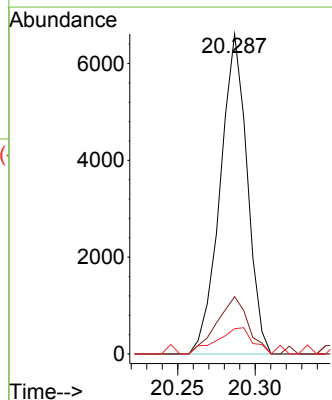
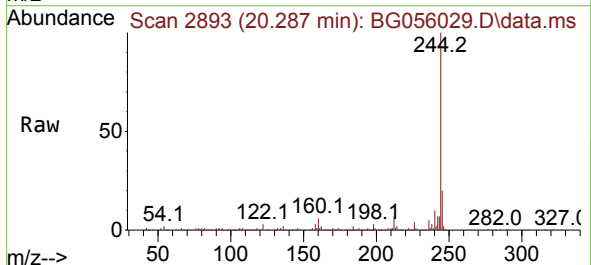
#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.014 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

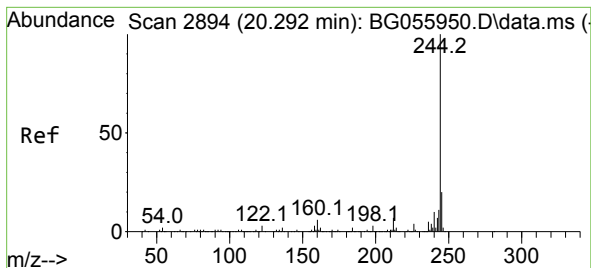
Tgt Ion:240 Resp: 87235
Ion Ratio Lower Upper
240 100
120 2.2 1.7 2.5
236 26.1 21.1 31.7



#77
Benzidine
Concen: 5.220 ng
RT: 20.287 min Scan# 2893
Delta R.T. 0.382 min
Lab File: BG056029.D
Acq: 20 Dec 2022 14:20

Tgt Ion:184 Resp: 7997
Ion Ratio Lower Upper
184 100
185 17.9 10.9 16.3#
183 7.9 9.2 13.8#





#79

Terphenyl-d14

Concen: 105.366 ng

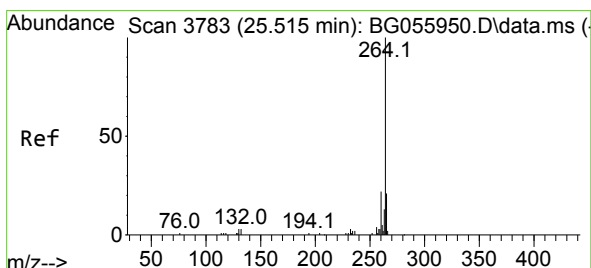
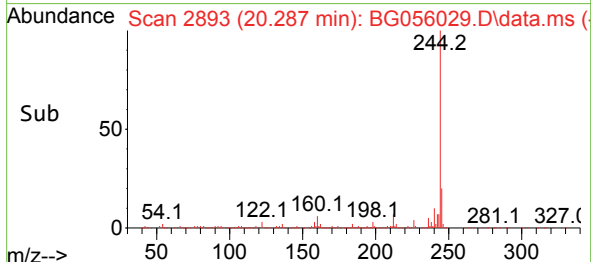
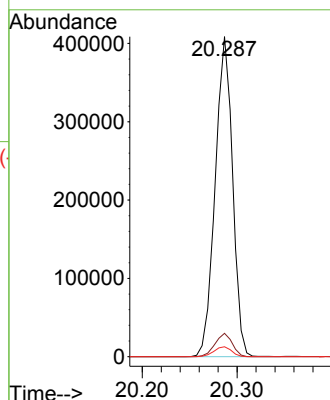
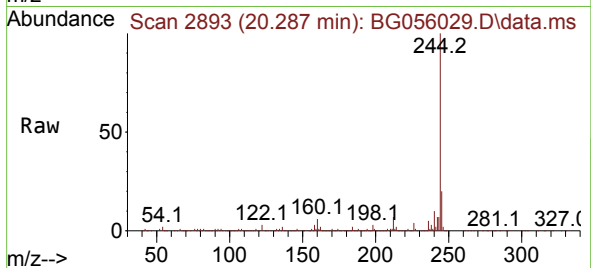
RT: 20.287 min Scan# 2893

Delta R.T. 0.006 min

Lab File: BG056029.D

Acq: 20 Dec 2022 14:20

Tgt Ion:244	Resp:	520064
Ion Ratio	Lower	Upper
244	100	
212	7.3	5.8 8.6
122	3.1	2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.516 min Scan# 3783

Delta R.T. 0.018 min

Lab File: BG056029.D

Acq: 20 Dec 2022 14:20

Tgt Ion:264	Resp:	103567
Ion Ratio	Lower	Upper
264	100	
260	21.9	17.8 26.8
265	22.6	16.6 25.0

