

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050536.D
 Acq On : 11 Oct 2021 14:23
 Operator : CG/JU
 Sample : M4144-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-LIQ-DRUM-2-100721

Quant Time: Oct 11 15:09:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

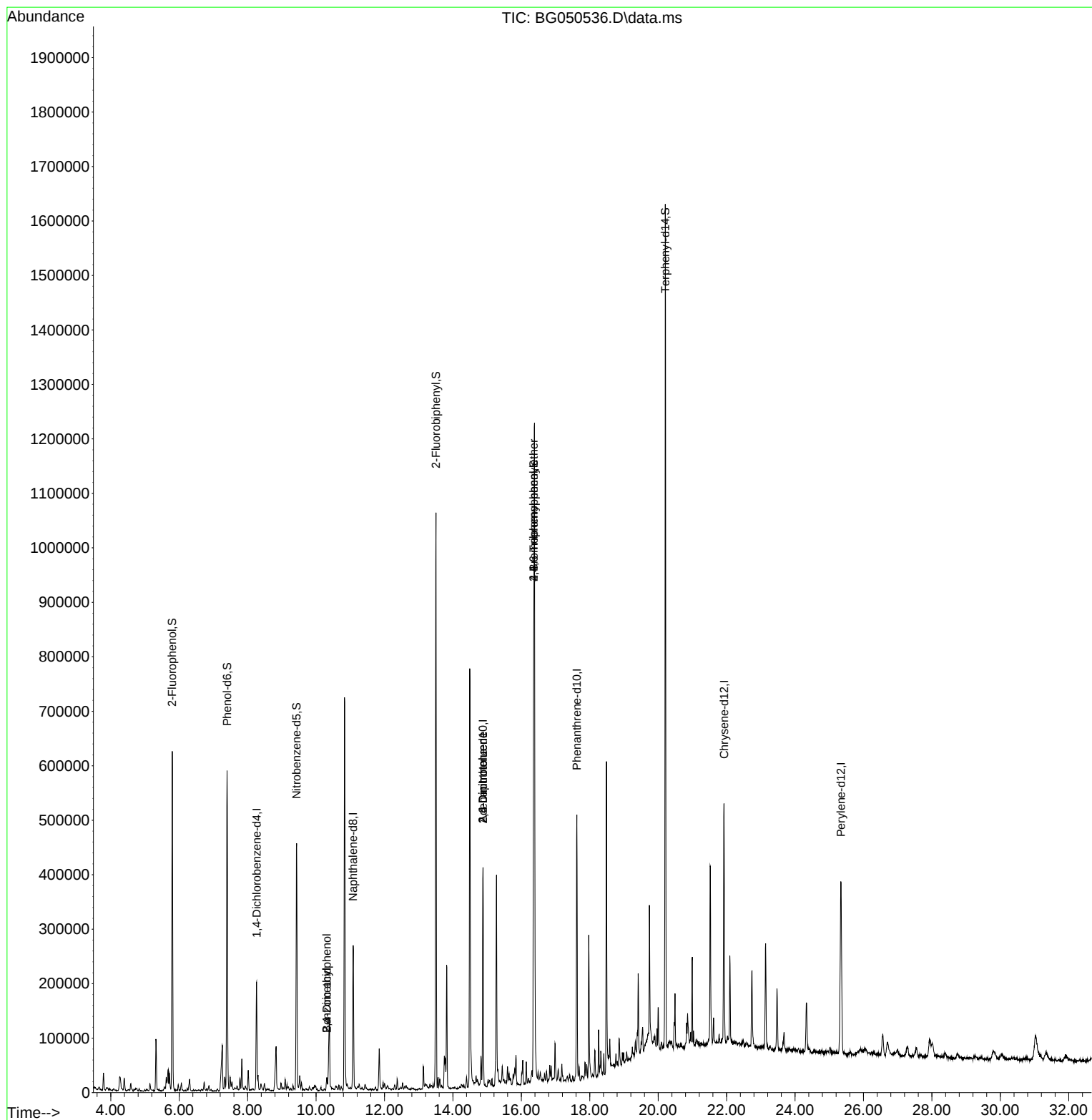
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	53669	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	219081	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	139398	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	291341	20.000	ng	# 0.00
76) Chrysene-d12	21.924	240	265185	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	269293	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	257119	71.649	ng	0.00
7) Phenol-d6	7.400	99	328315	63.190	ng	0.00
23) Nitrobenzene-d5	9.433	82	302216	57.104	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	108438	81.556	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	517947	55.921	ng	0.00
79) Terphenyl-d14	20.209	244	684388	50.295	ng	0.00
Target Compounds						
9) Benzaldehyde	7.406	77	1158	Below Cal	Qvalue	# 30
27) 2,4-Dimethylphenol	10.314	122	10513	3.149	ng	# 1
32) Benzoic acid	10.314	122	10513	4.243	ng	# 83
51) 2,6-Dinitrotoluene	14.880	165	18315	8.678	ng	# 12
57) 2,4-Dinitrotoluene	14.880	165	18315	6.157	ng	# 18
67) 4-Bromophenyl-phenylether	16.360	248	9343	3.182	ng	# 1

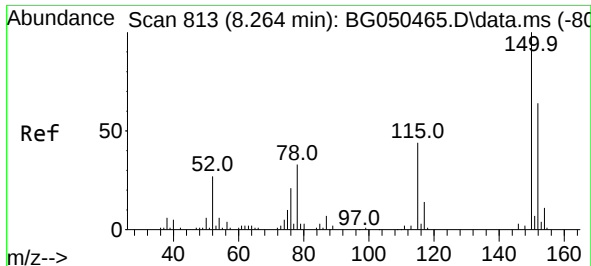
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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QLast Update : Wed Oct 06 15:51:01 2021
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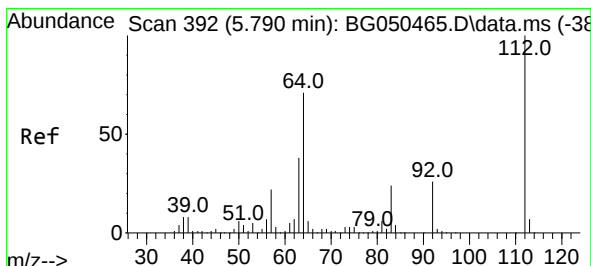
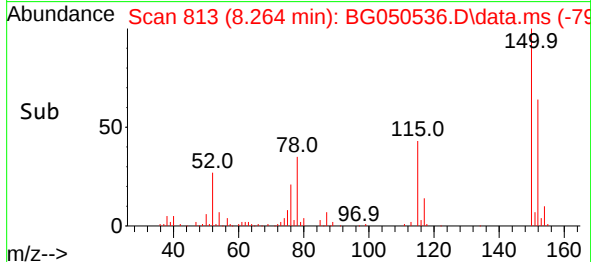
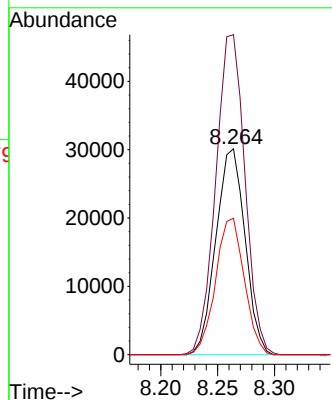
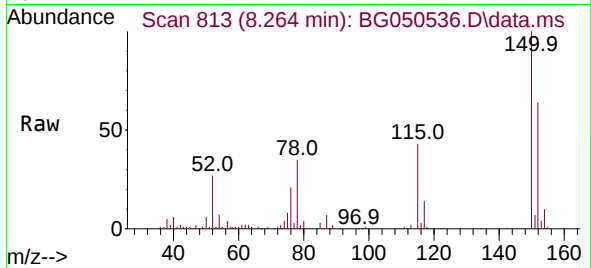




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 813
Delta R.T. -0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

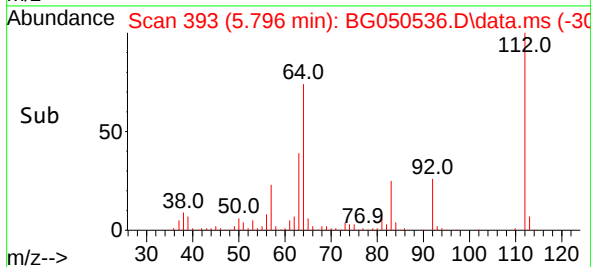
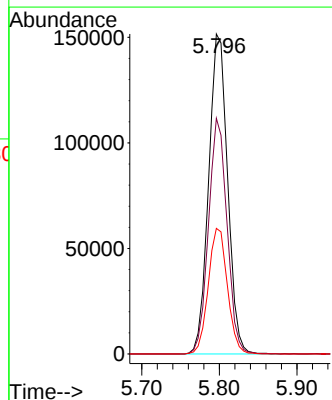
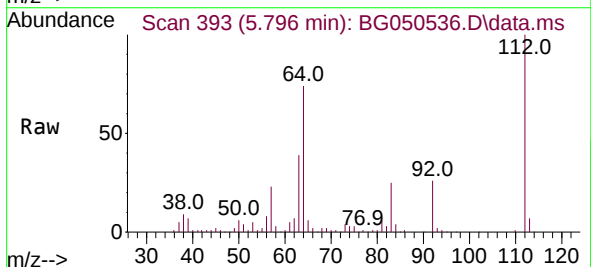
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

Tgt Ion:152 Resp: 53669
Ion Ratio Lower Upper
152 100
150 155.4 119.4 179.0
115 66.3 60.2 90.4



#5
2-Fluorophenol
Concen: 71.649 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Tgt Ion:112 Resp: 257119
Ion Ratio Lower Upper
112 100
64 73.6 46.7 70.1#
63 39.2 35.3 52.9

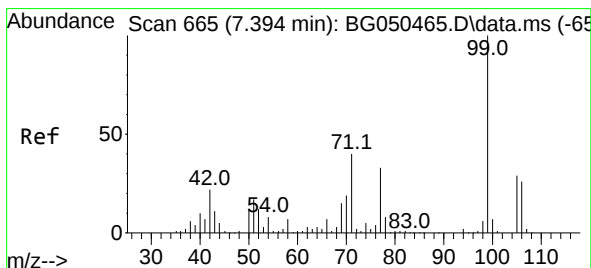
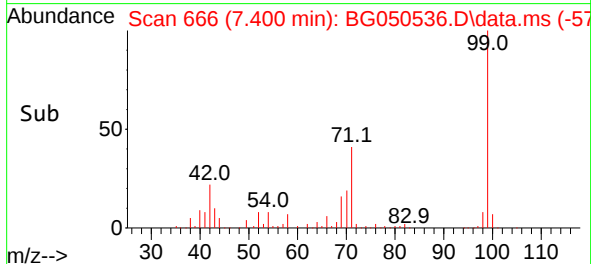
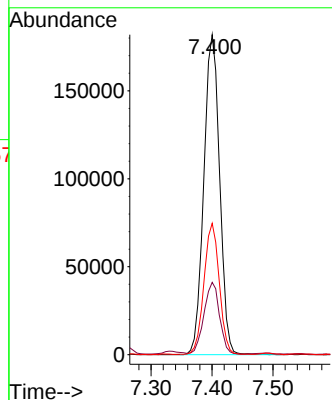
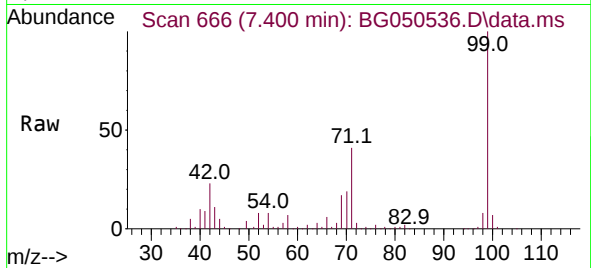




#7
Phenol-d6
Concen: 63.190 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

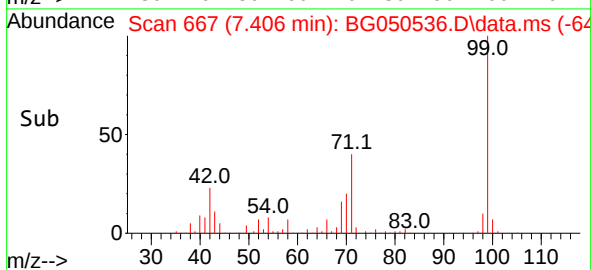
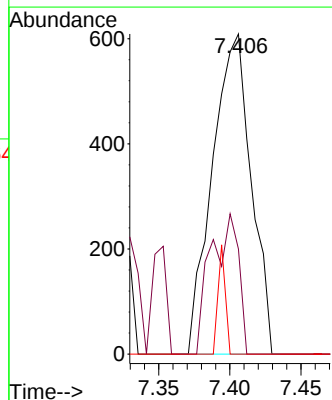
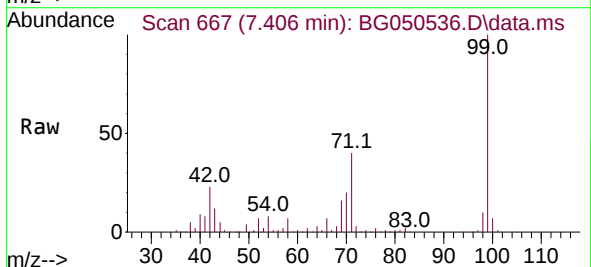
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

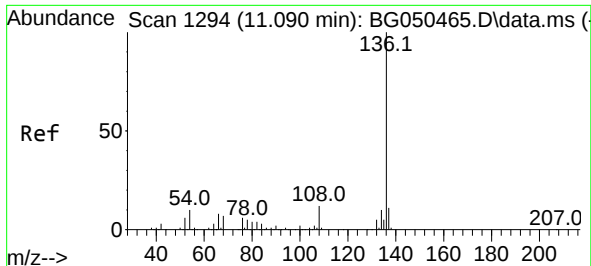
Tgt Ion: 99 Resp: 328315
Ion Ratio Lower Upper
99 100
42 22.6 20.5 30.7
71 41.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.406 min Scan# 667
Delta R.T. 0.012 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

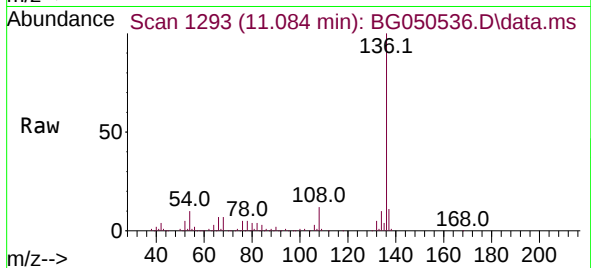
Tgt Ion: 77 Resp: 1158
Ion Ratio Lower Upper
77 100
105 32.8 68.8 108.8#
106 0.0 47.9 87.9#



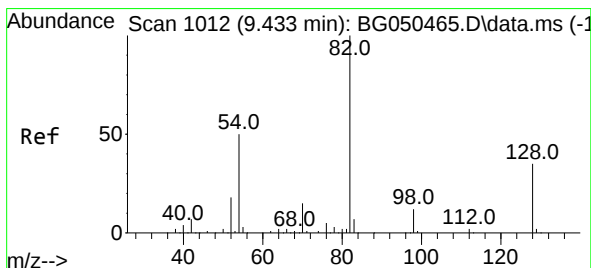
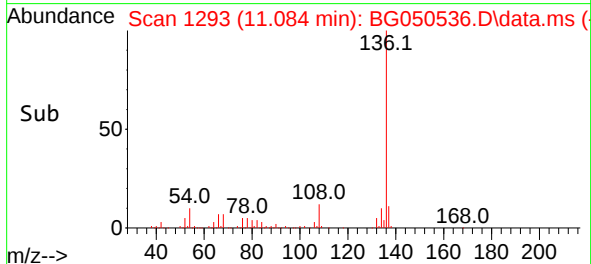
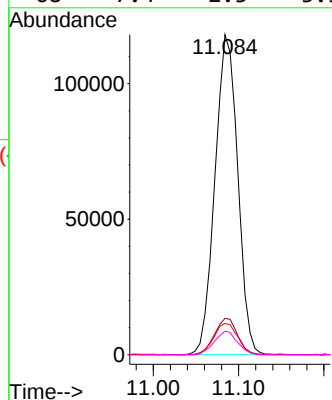


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

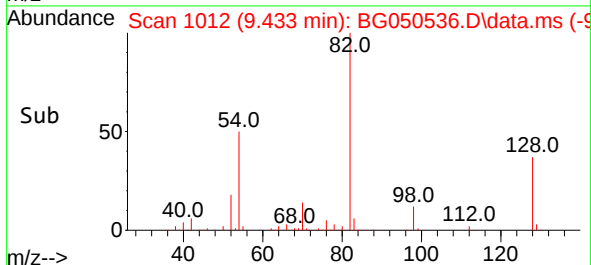
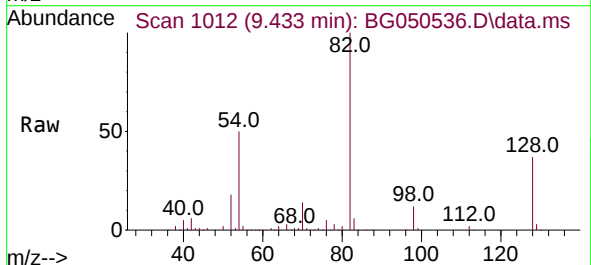
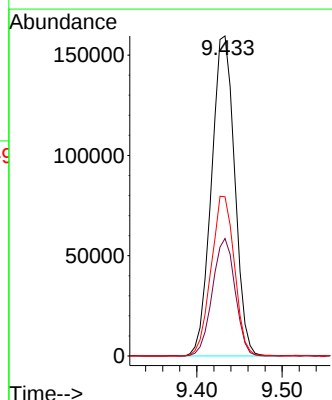


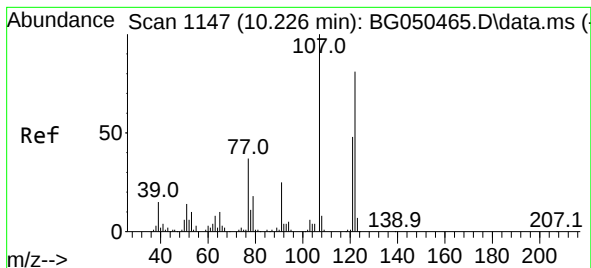
Tgt Ion:	136	Resp:	219081
Ion Ratio	100	Lower	Upper
136	100		
137	11.4	8.2	12.2
54	9.7	5.5	8.3#
68	7.4	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 57.104 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

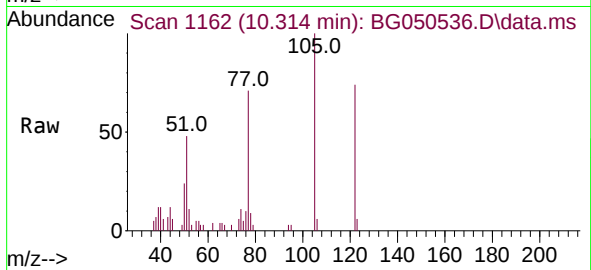
Tgt Ion:	82	Resp:	302216
Ion Ratio	100	Lower	Upper
82	100		
128	36.7	29.8	44.6
54	49.7	45.8	68.8



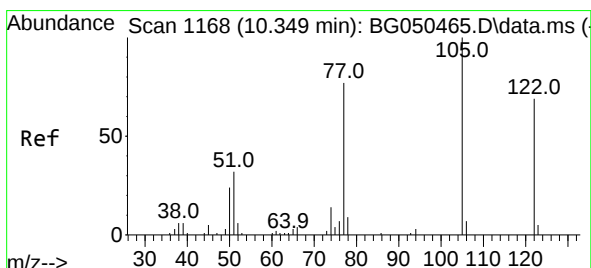
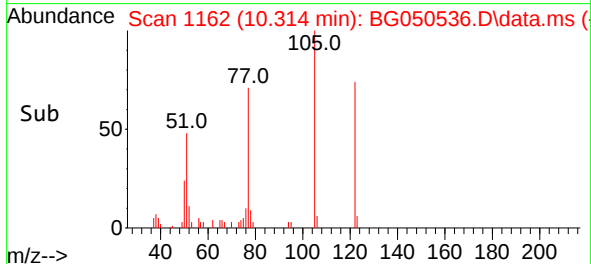
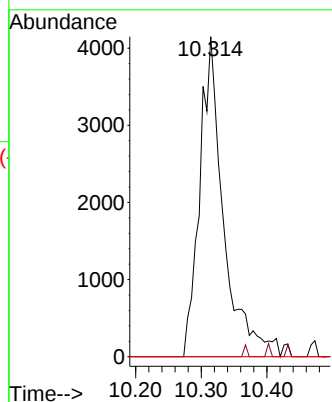


#27
2,4-Dimethylphenol
Concen: 3.149 ng
RT: 10.314 min Scan# 1162
Delta R.T. 0.088 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

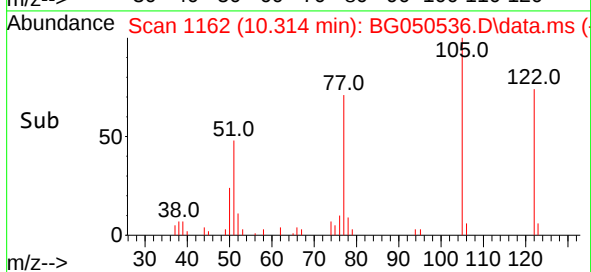
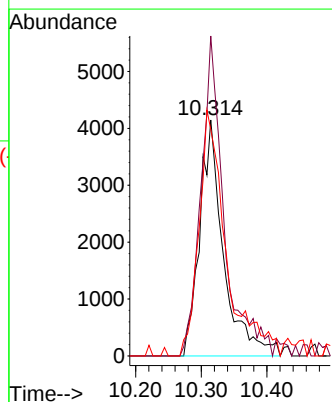
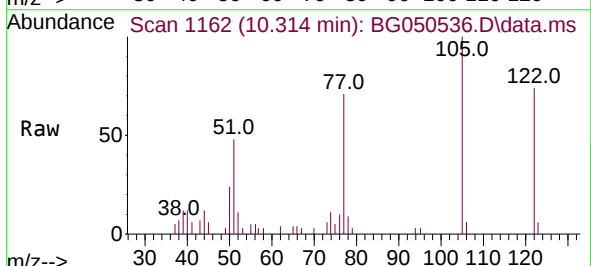


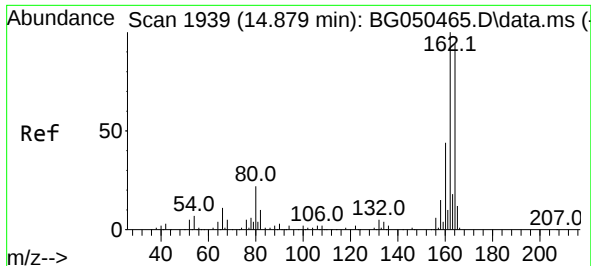
Tgt Ion:122 Resp: 10513
Ion Ratio Lower Upper
122 100
107 0.0 110.1 165.1#
121 0.0 49.0 73.6#



#32
Benzoic acid
Concen: 4.243 ng
RT: 10.314 min Scan# 1162
Delta R.T. -0.035 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Tgt Ion:122 Resp: 10513
Ion Ratio Lower Upper
122 100
105 135.6 92.3 132.3#
77 96.0 66.5 106.5

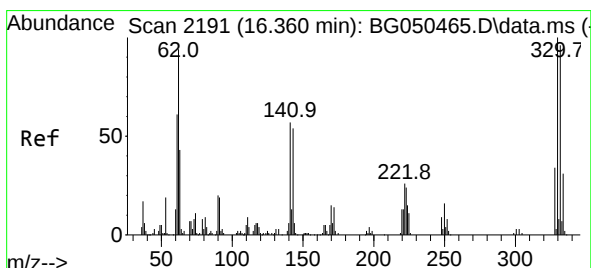
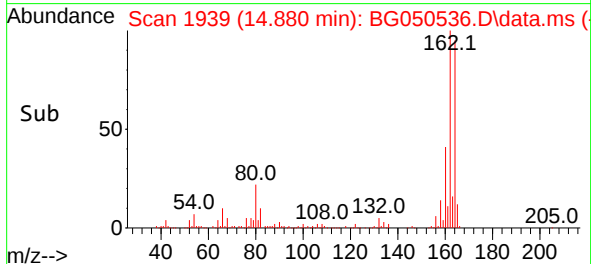
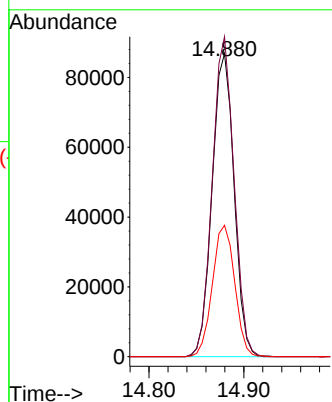
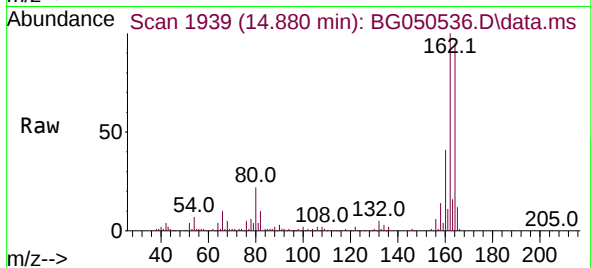




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

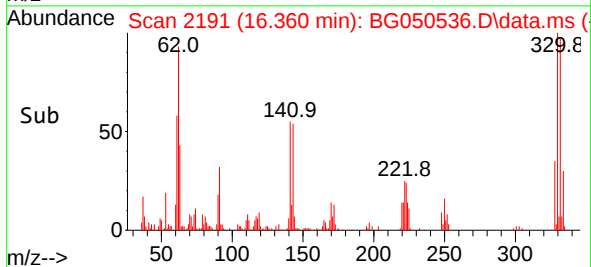
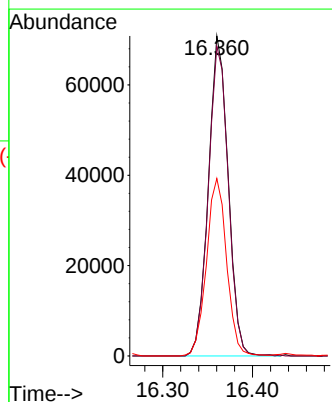
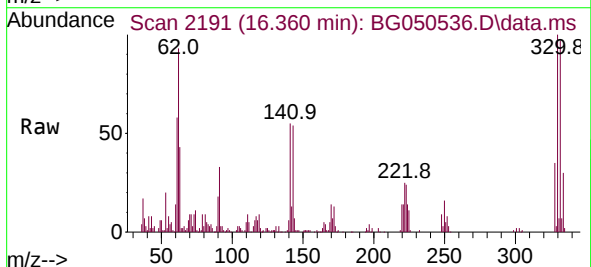
Instrument :
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ClientSampleId :
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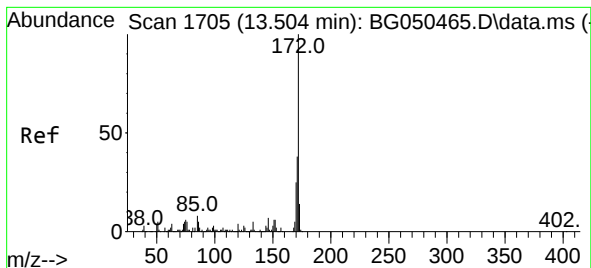
Tgt Ion:164 Resp: 139398
Ion Ratio Lower Upper
164 100
162 105.6 81.4 122.0
160 43.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 81.556 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Tgt Ion:330 Resp: 108438
Ion Ratio Lower Upper
330 100
332 97.9 77.3 115.9
141 56.6 35.6 53.4#

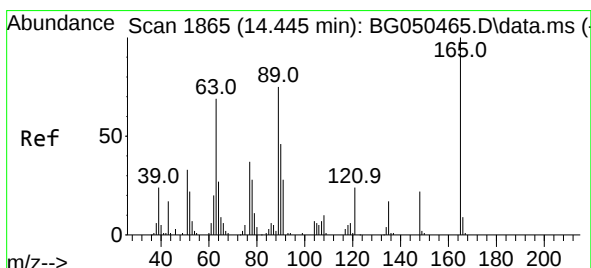
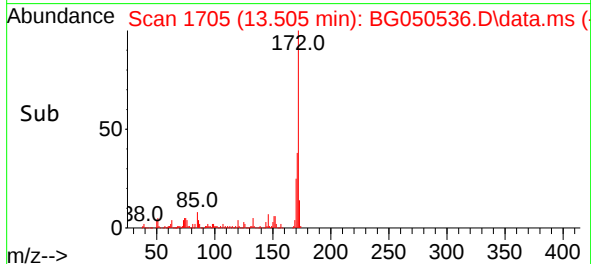
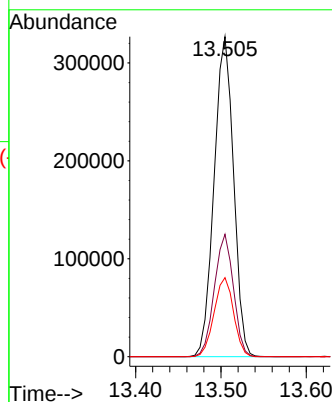
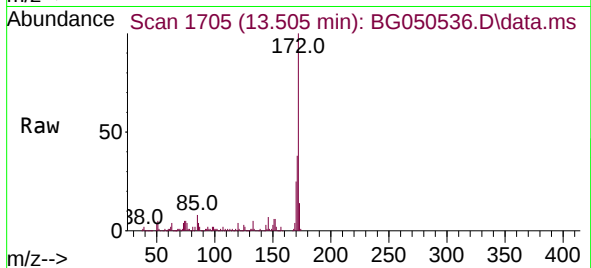




#45
2-Fluorobiphenyl
Concen: 55.921 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

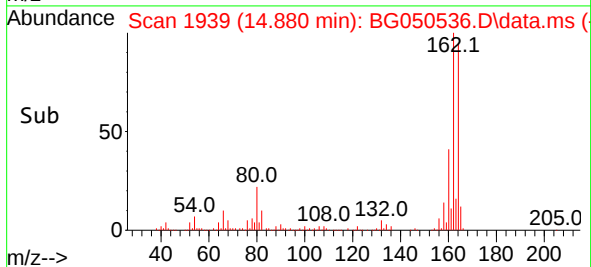
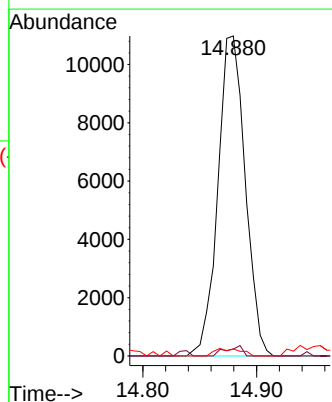
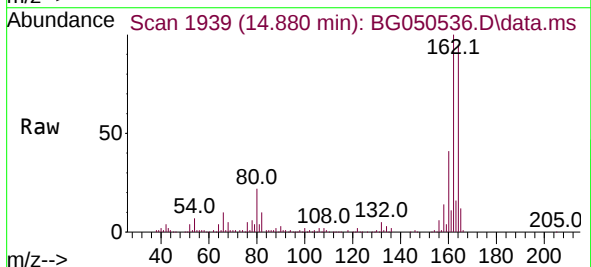
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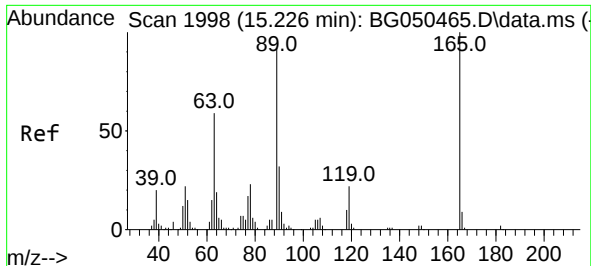
Tgt Ion:172 Resp: 517947
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.678 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.435 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

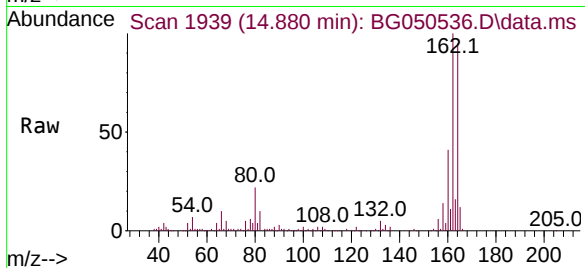
Tgt Ion:165 Resp: 18315
Ion Ratio Lower Upper
165 100
63 2.2 63.3 94.9#
89 2.2 63.4 95.0#



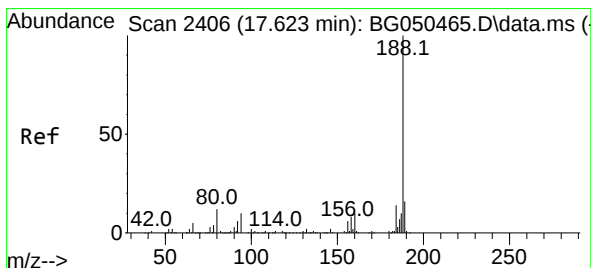
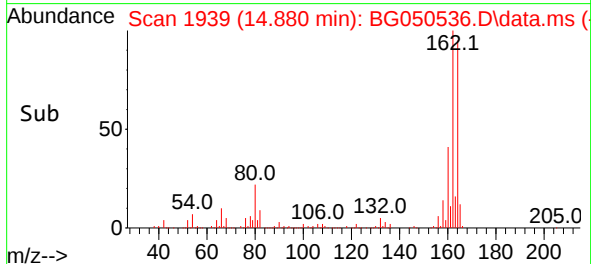
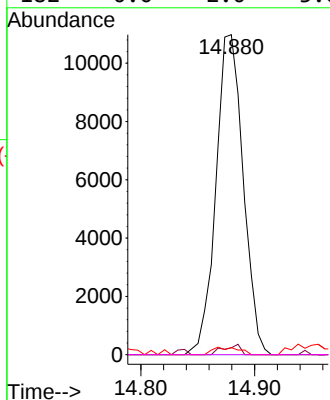


#57
2,4-Dinitrotoluene
Concen: 6.157 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

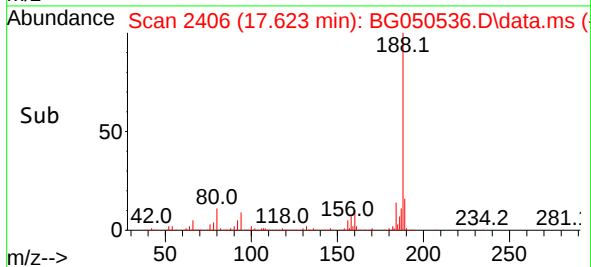
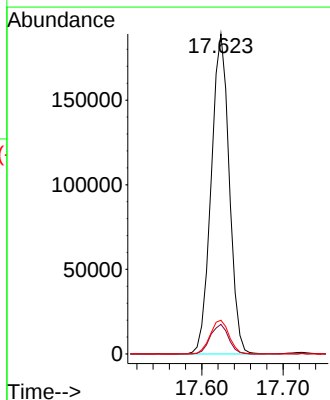
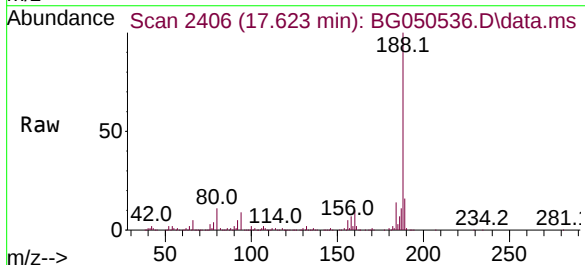


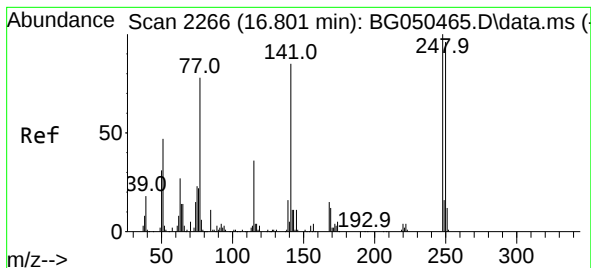
Tgt Ion:165 Resp: 18315
Ion Ratio Lower Upper
165 100
63 2.2 48.0 72.0#
89 2.2 65.4 98.0#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Tgt Ion:188 Resp: 291341
Ion Ratio Lower Upper
188 100
94 9.2 5.4 8.0#
80 10.6 3.7 5.5#

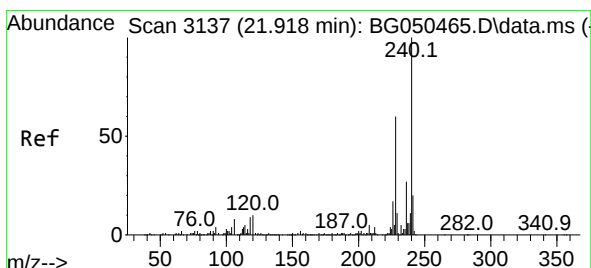
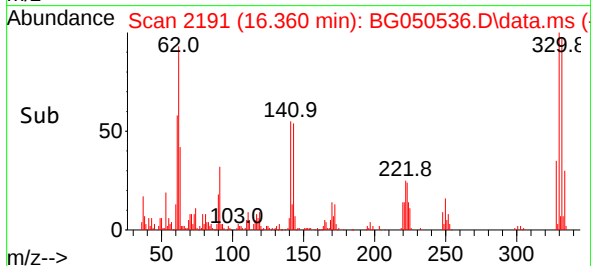
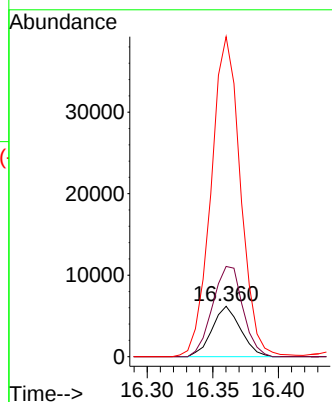
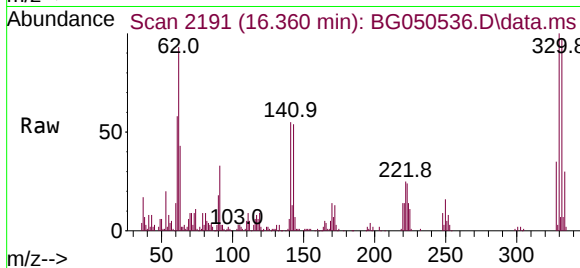




#67
4-Bromophenyl-phenylether
Concen: 3.182 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

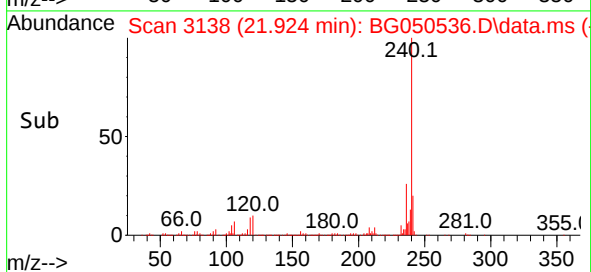
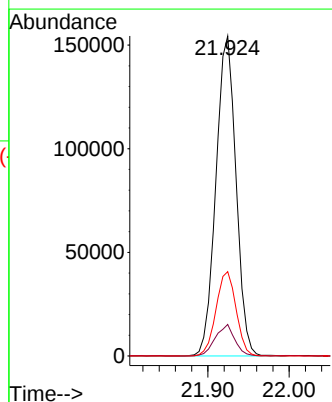
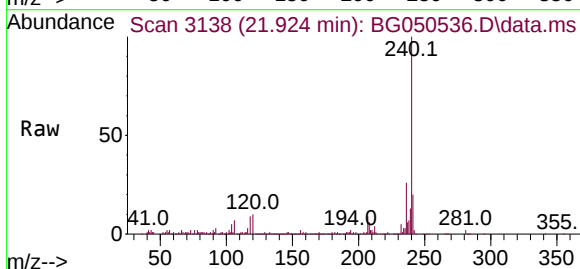
Instrument :
BNA_G
ClientSampleId :
IDW-LIQ-DRUM-2-100721

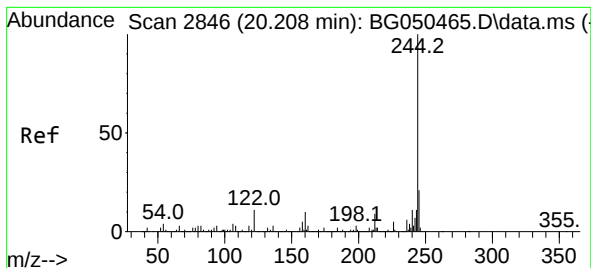
Tgt Ion:248 Resp: 9343
Ion Ratio Lower Upper
248 100
250 179.0 76.1 114.1#
141 634.6 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3138
Delta R.T. 0.006 min
Lab File: BG050536.D
Acq: 11 Oct 2021 14:23

Tgt Ion:240 Resp: 265185
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.3 21.8 32.6





#79

Terphenyl-d14

Concen: 50.295 ng

RT: 20.209 min Scan# 2846

Delta R.T. 0.000 min

Lab File: BG050536.D

Acq: 11 Oct 2021 14:23

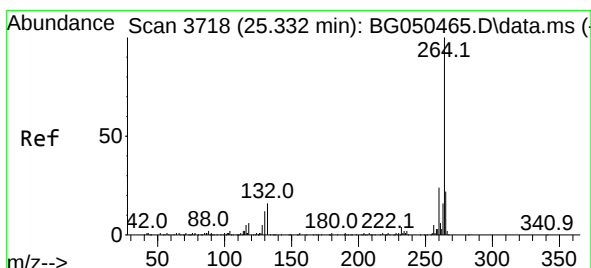
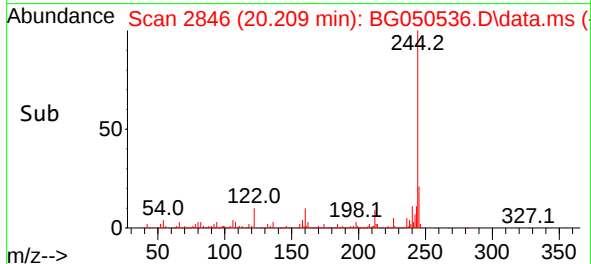
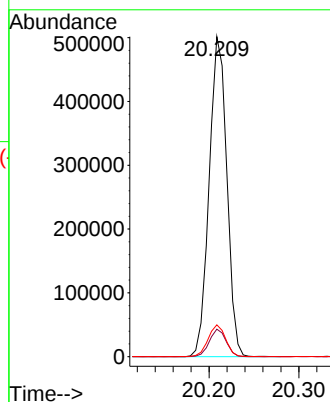
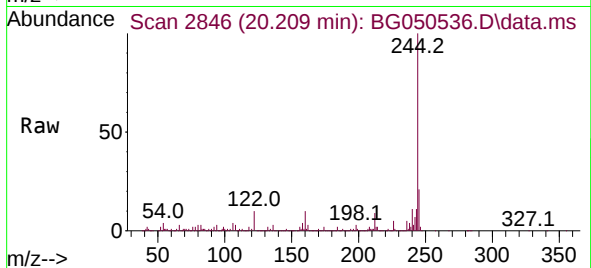
Tgt Ion:244 Resp: 684388

Ion Ratio Lower Upper

244 100

212 8.6 6.9 10.3

122 10.0 5.0 7.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.338 min Scan# 3719

Delta R.T. 0.006 min

Lab File: BG050536.D

Acq: 11 Oct 2021 14:23

Tgt Ion:264 Resp: 269293

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 19.9 16.9 25.3

