

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051058.D
 Acq On : 16 Nov 2021 2:13
 Operator : CG/JU
 Sample : M4657-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VWE-B31-111121-10-15

Quant Time: Nov 16 02:53:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

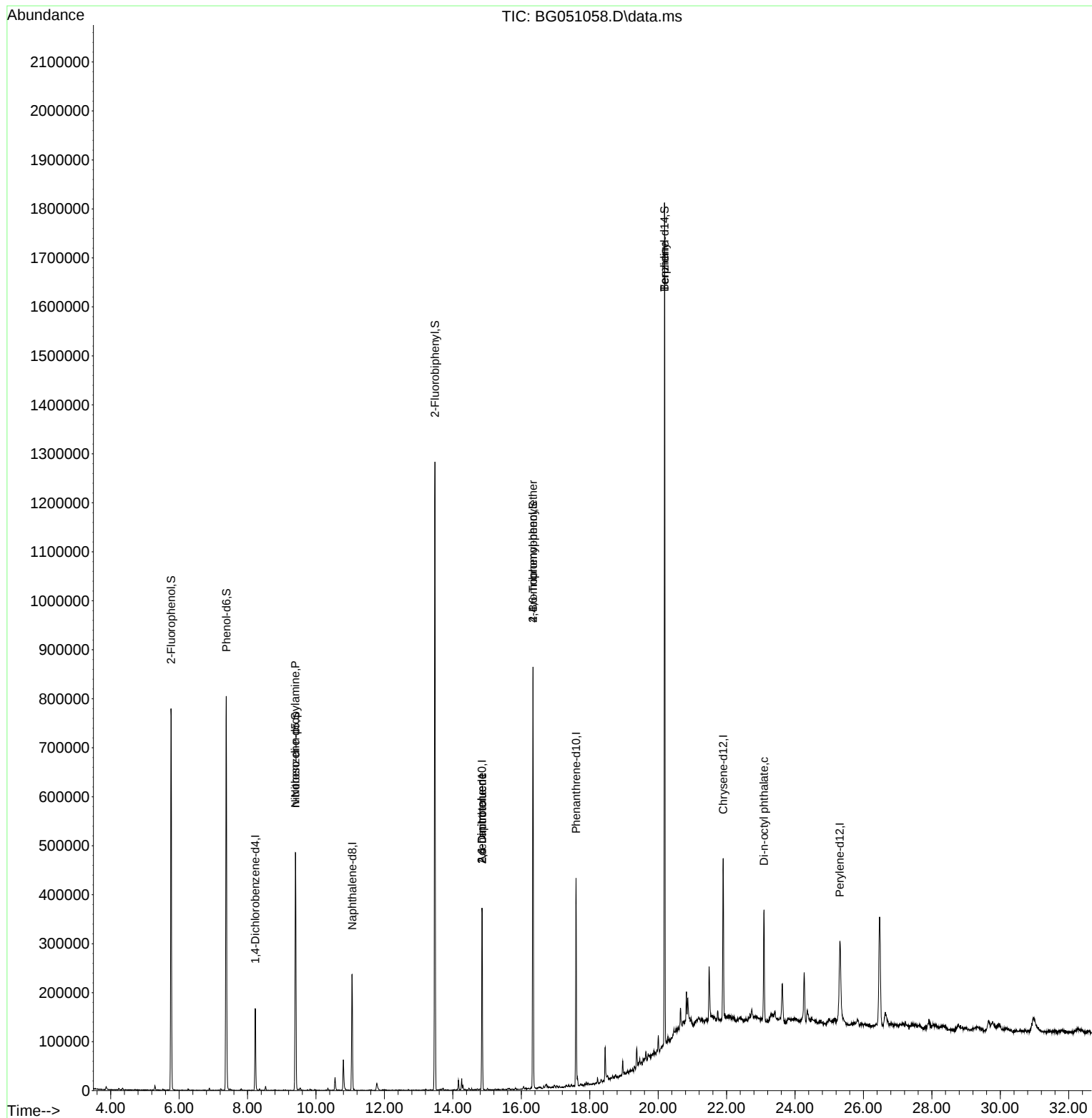
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.224	152	47078	20.000	ng	0.00
21) Naphthalene-d8	11.056	136	208282	20.000	ng	# 0.00
39) Acenaphthene-d10	14.851	164	131596	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	258068	20.000	ng	# 0.00
76) Chrysene-d12	21.902	240	207905	20.000	ng	# 0.00
86) Perylene-d12	25.310	264	211164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	346129	109.983	ng	0.00
7) Phenol-d6	7.378	99	470927	106.016	ng	0.00
23) Nitrobenzene-d5	9.399	82	331302	70.412	ng	0.00
42) 2,4,6-Tribromophenol	16.344	330	143311	108.823	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	648117	77.817	ng	0.00
79) Terphenyl-d14	20.186	244	792192	69.721	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.399	70	45400	13.830	ng	# 69
51) 2,6-Dinitrotoluene	14.851	165	17109	8.029	ng	# 12
57) 2,4-Dinitrotoluene	14.851	165	17109	5.659	ng	# 18
67) 4-Bromophenyl-phenylether	16.344	248	11379	4.209	ng	# 1
77) Benzidine	20.186	184	14735	3.749	ng	# 91
85) Di-n-octyl phthalate	23.095	149	41136	2.589	ng	# 43

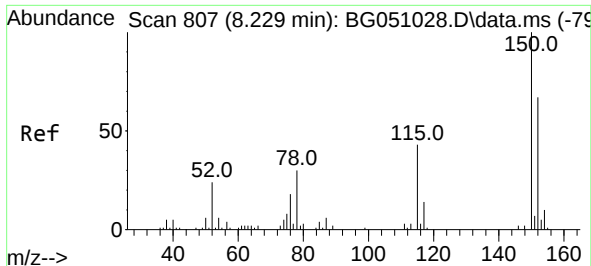
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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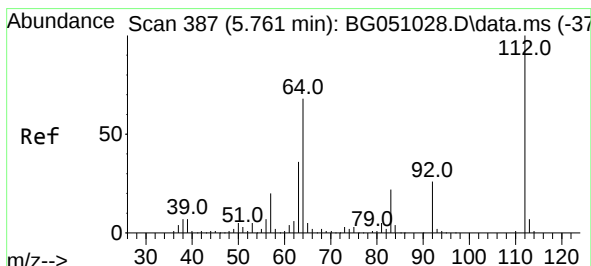
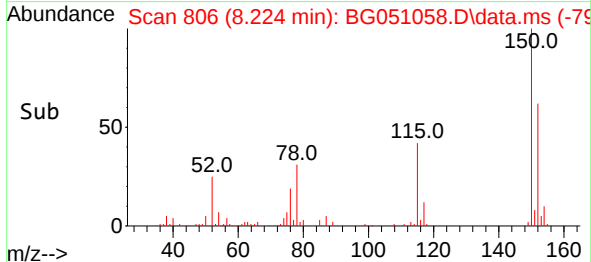
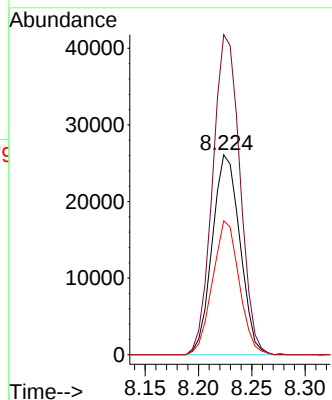
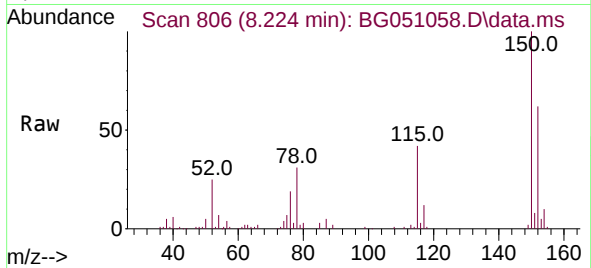




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.224 min Scan# 807
Delta R.T. -0.005 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

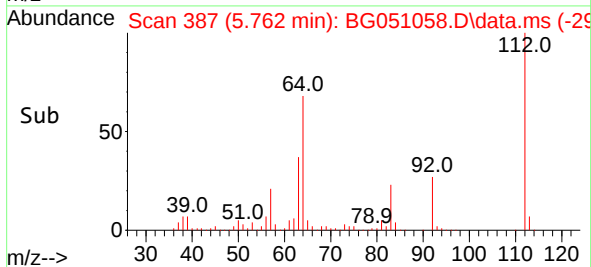
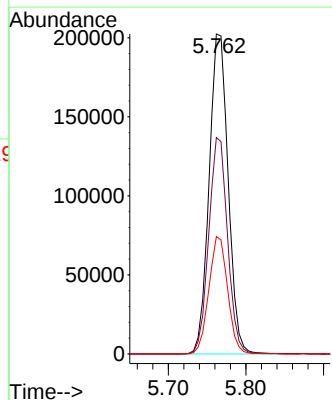
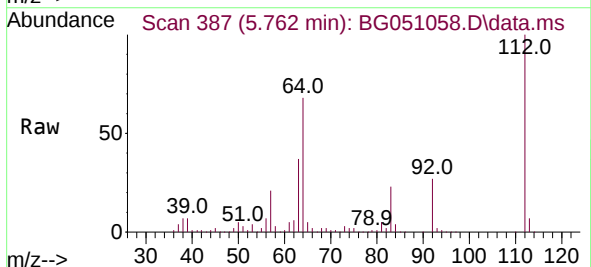
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-10-15

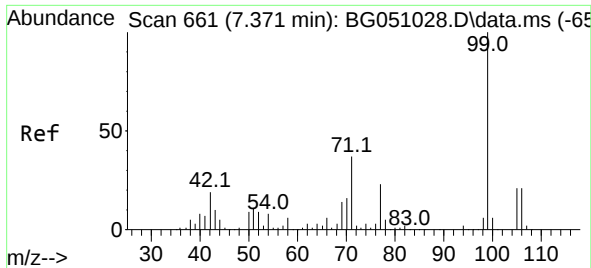
Tgt Ion:152 Resp: 47078
Ion Ratio Lower Upper
152 100
150 160.1 119.4 179.0
115 67.0 60.2 90.4



#5
2-Fluorophenol
Concen: 109.983 ng
RT: 5.762 min Scan# 387
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:112 Resp: 346129
Ion Ratio Lower Upper
112 100
64 67.7 46.7 70.1
63 36.7 35.3 52.9

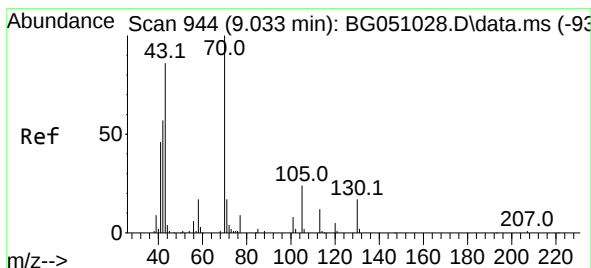
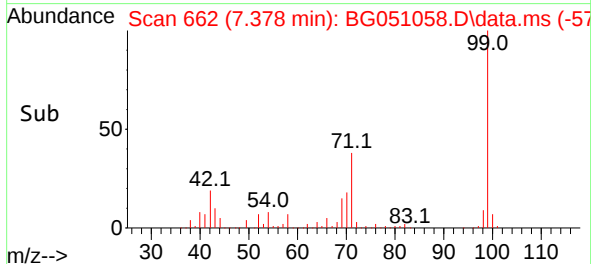
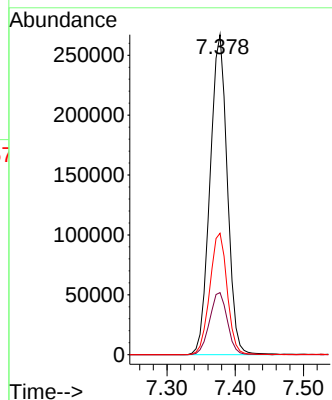
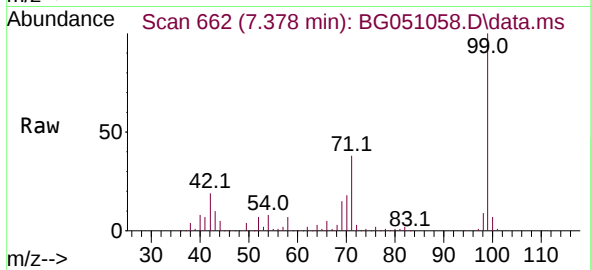




#7
Phenol-d6
Concen: 106.016 ng
RT: 7.378 min Scan# 60
Delta R.T. 0.007 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

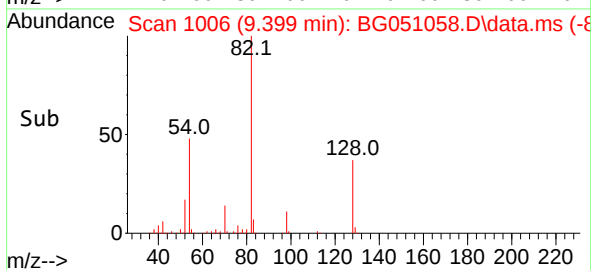
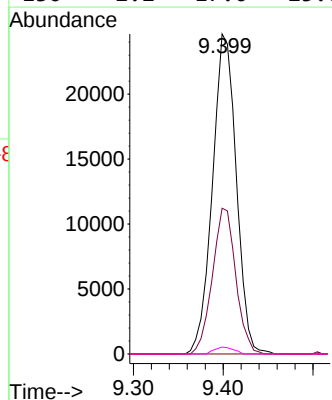
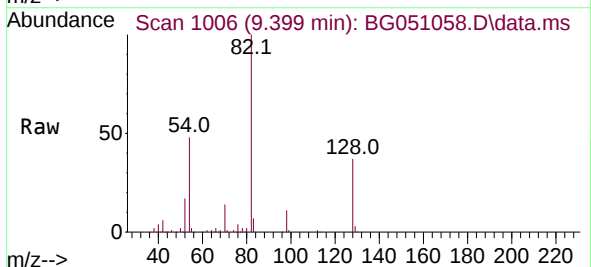
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ClientSampleId :
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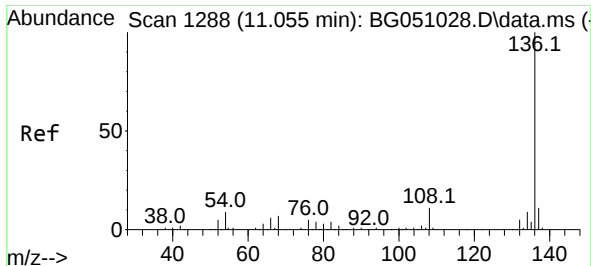
Tgt Ion: 99 Resp: 470927
Ion Ratio Lower Upper
99 100
42 19.4 20.5 30.7#
71 38.0 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.830 ng
RT: 9.399 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion: 70 Resp: 45400
Ion Ratio Lower Upper
70 100
42 45.6 54.5 81.7#
101 0.0 9.0 13.6#
130 2.2 17.0 25.6#

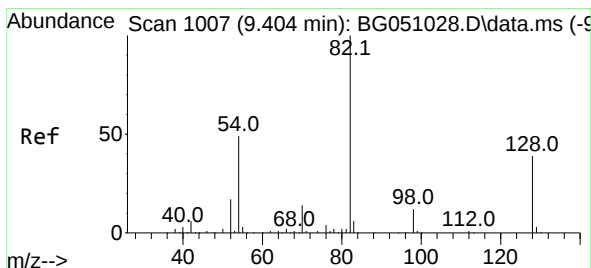
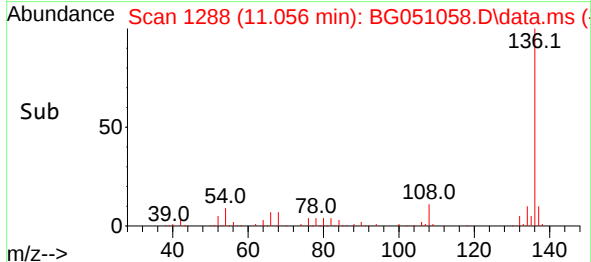
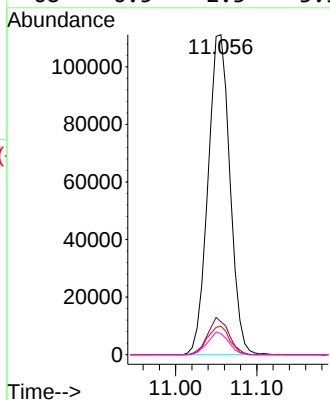
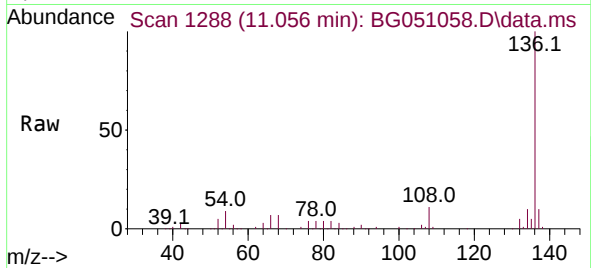




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.056 min Scan# 11056
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

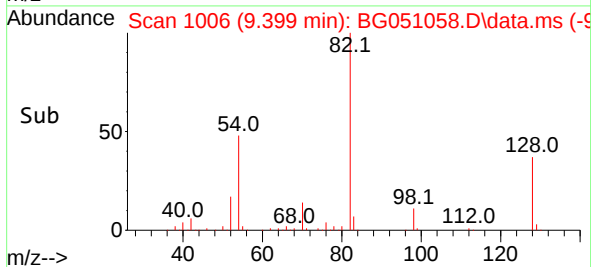
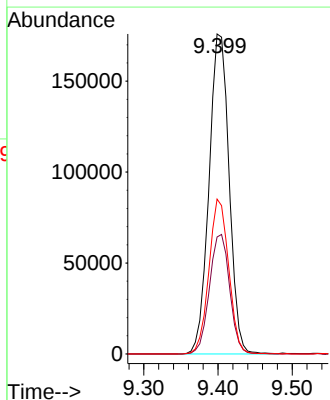
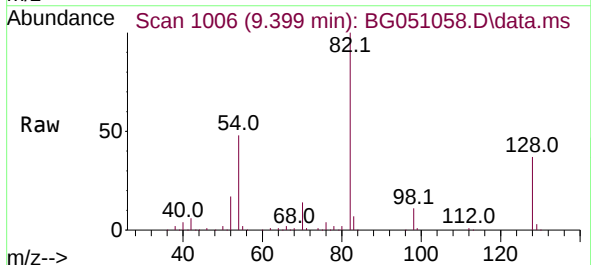
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-10-15

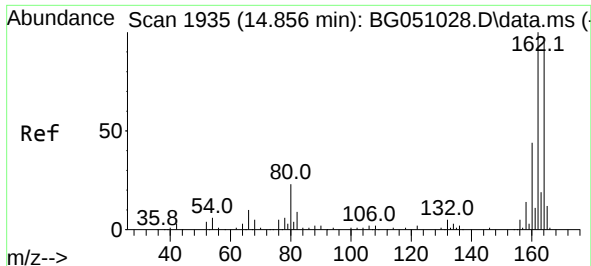
Tgt Ion:	136	Resp:	208282
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.2	12.2
54	8.9	5.5	8.3#
68	6.5	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 70.412 ng
RT: 9.399 min Scan# 1006
Delta R.T. -0.005 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:	82	Resp:	331302
Ion Ratio	Lower	Upper	
82	100		
128	36.6	29.8	44.6
54	48.4	45.8	68.8

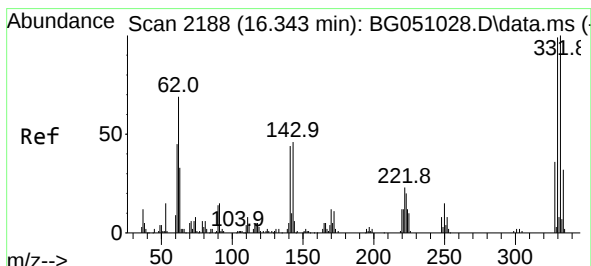
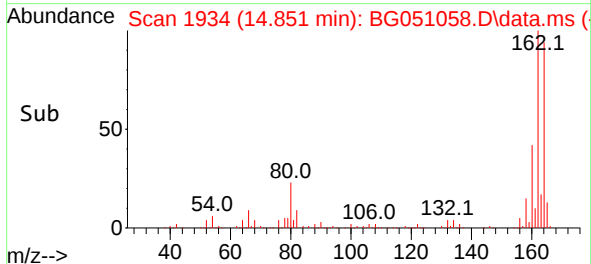
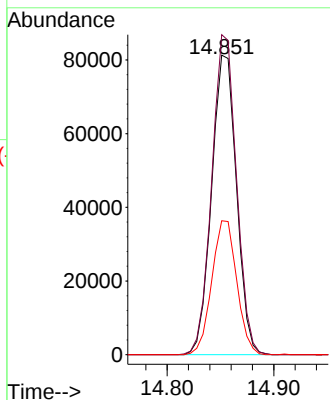
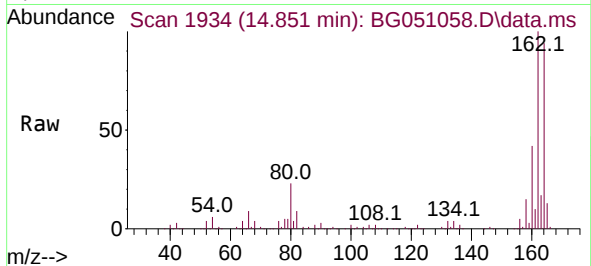




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1934
Delta R.T. -0.005 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

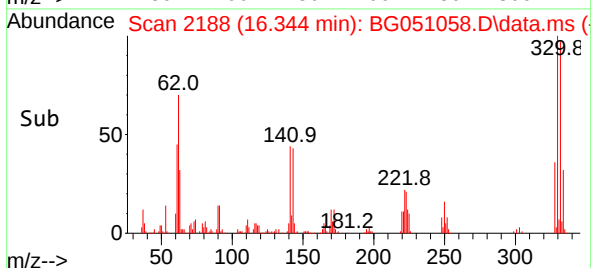
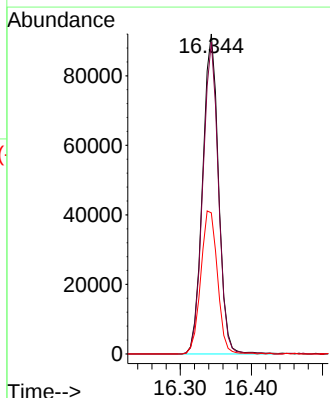
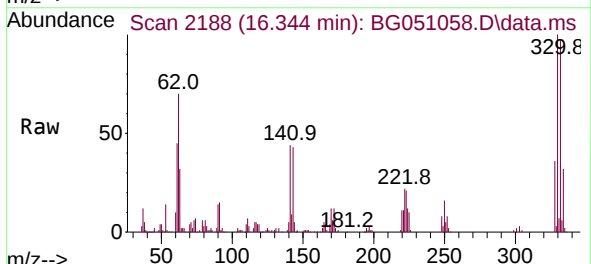
Instrument :
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ClientSampleId :
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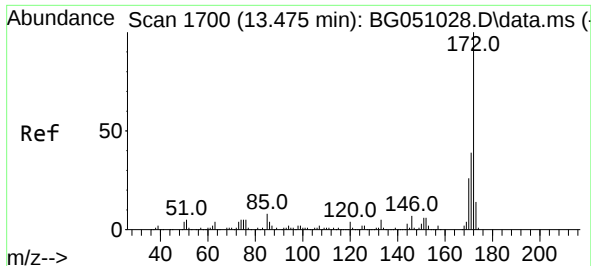
Tgt Ion:164 Resp: 131596
Ion Ratio Lower Upper
164 100
162 106.8 81.4 122.0
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 108.823 ng
RT: 16.344 min Scan# 2188
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:330 Resp: 143311
Ion Ratio Lower Upper
330 100
332 95.7 77.3 115.9
141 46.8 35.6 53.4

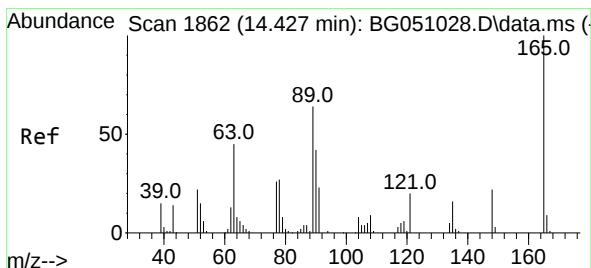
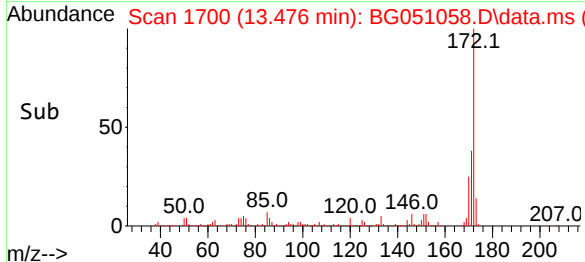
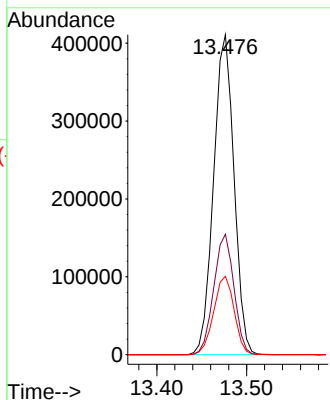
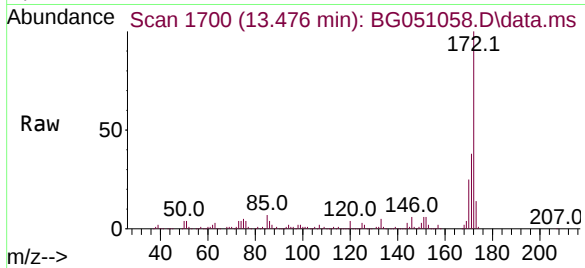




#45
2-Fluorobiphenyl
Concen: 77.817 ng
RT: 13.476 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

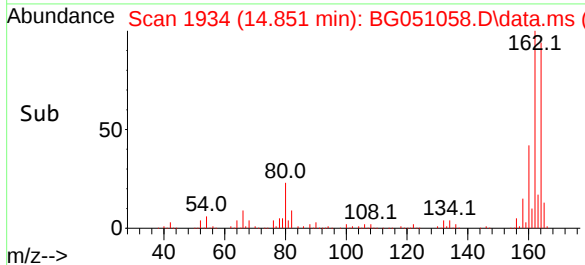
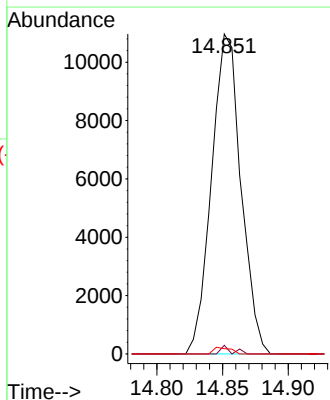
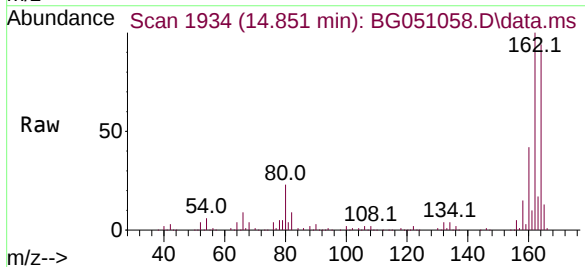
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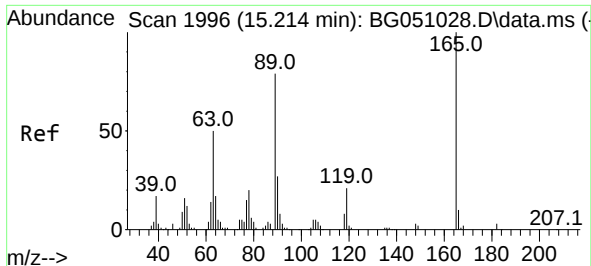
Tgt Ion:172 Resp: 648117
Ion Ratio Lower Upper
172 100
171 37.7 28.6 43.0
170 24.5 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.029 ng
RT: 14.851 min Scan# 1934
Delta R.T. 0.424 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:165 Resp: 17109
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 1.7 63.4 95.0#

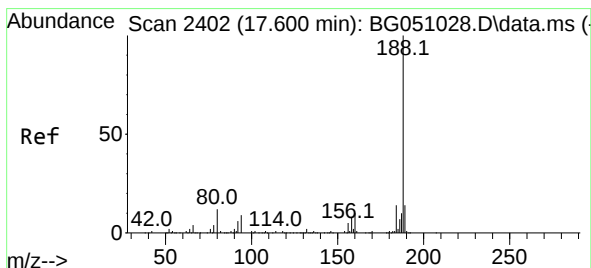
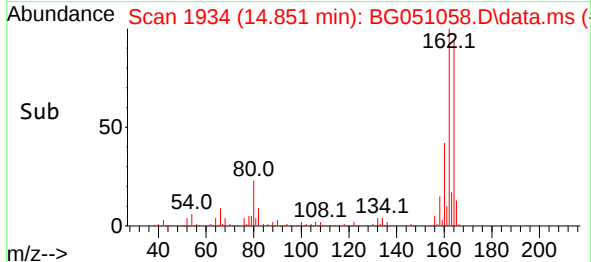
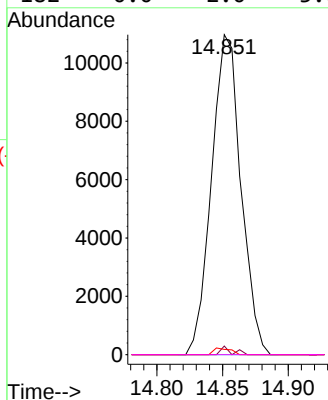
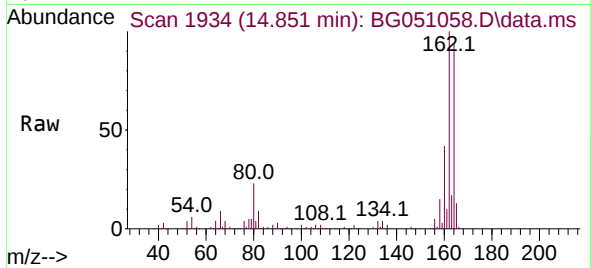




#57
2,4-Dinitrotoluene
Concen: 5.659 ng
RT: 14.851 min Scan# 1996
Delta R.T. -0.363 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

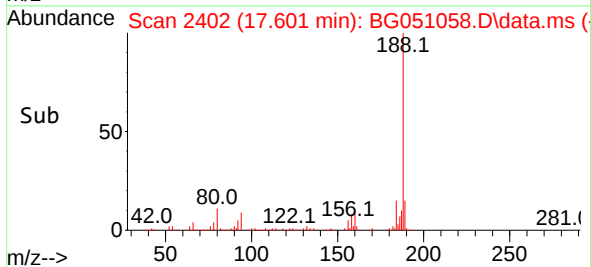
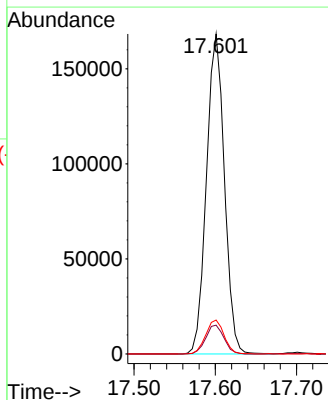
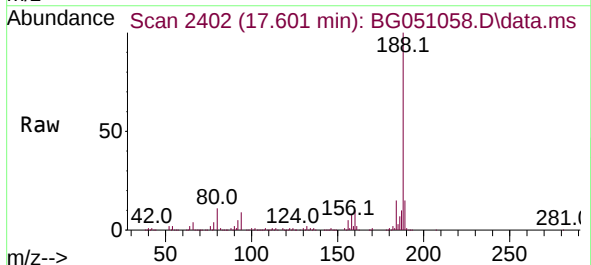
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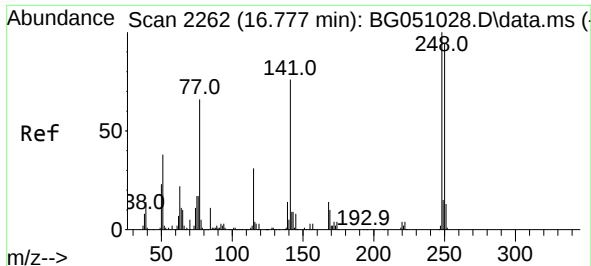
Tgt Ion:165	Resp:	17109
Ion Ratio	Lower	Upper
165	100	
63	2.7	48.0 72.0#
89	1.7	65.4 98.0#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2402
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:188	Resp:	258068
Ion Ratio	Lower	Upper
188	100	
94	9.0	5.4 8.0#
80	10.6	3.7 5.5#

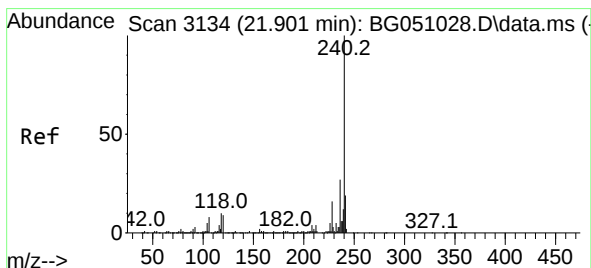
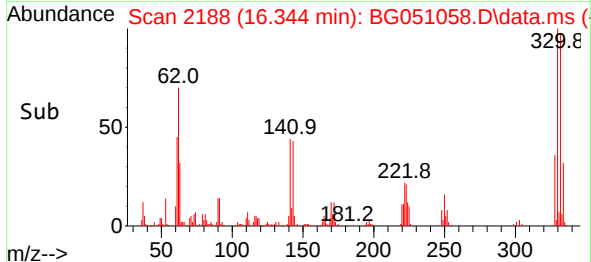
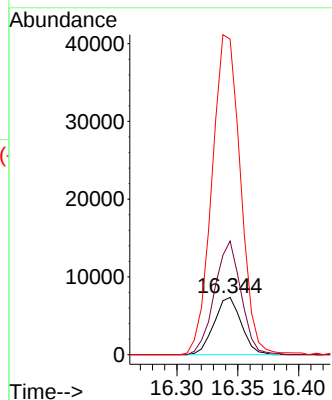
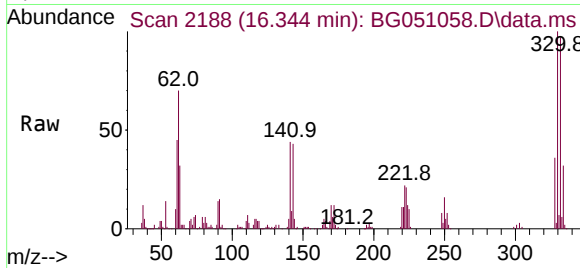




#67
4-Bromophenyl-phenylether
Concen: 4.209 ng
RT: 16.344 min Scan# 21188
Delta R.T. -0.434 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

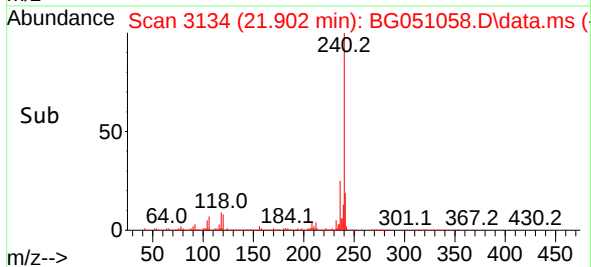
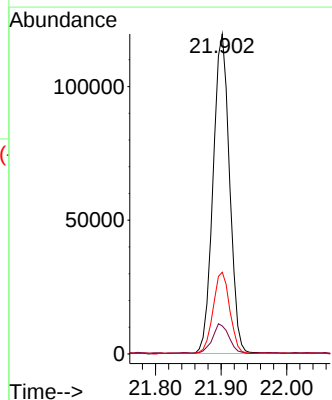
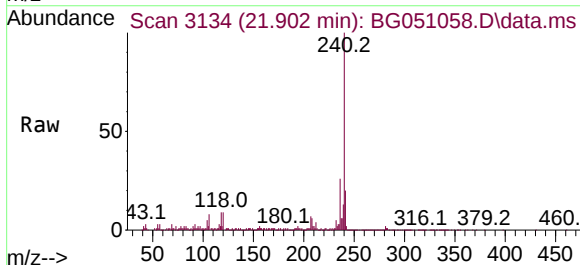
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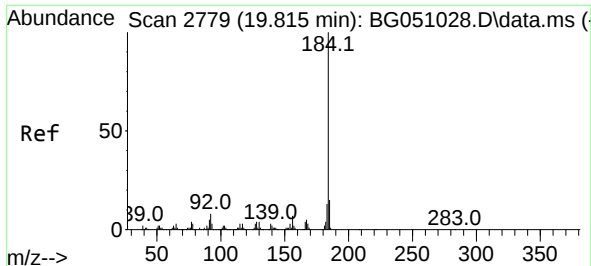
Tgt Ion:248 Resp: 11379
Ion Ratio Lower Upper
248 100
250 198.6 76.1 114.1#
141 551.1 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.902 min Scan# 3134
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:240 Resp: 207905
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 25.5 21.8 32.6

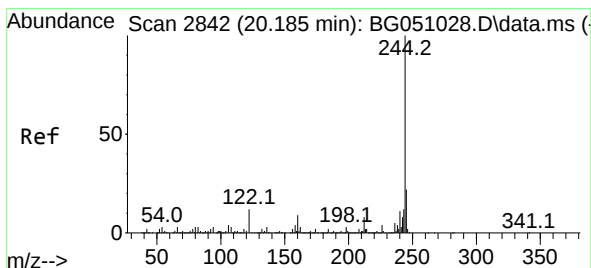
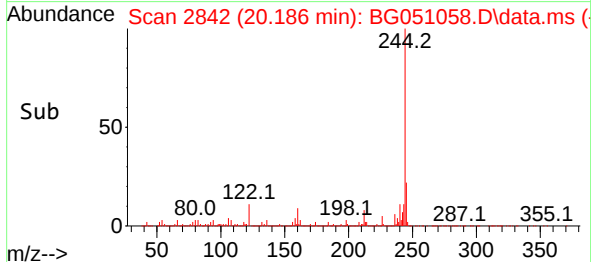
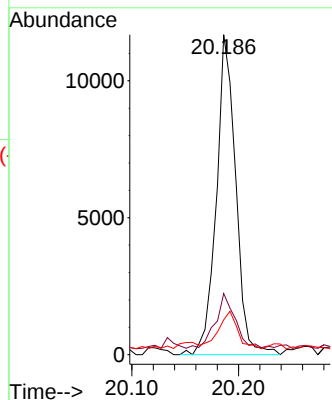
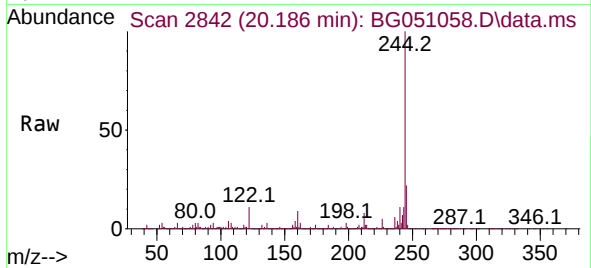




#77
Benzidine
Concen: 3.749 ng
RT: 20.186 min Scan# 2842
Delta R.T. 0.371 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

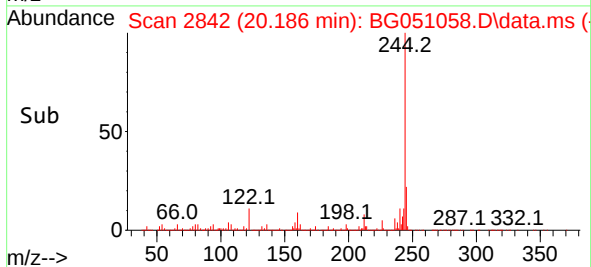
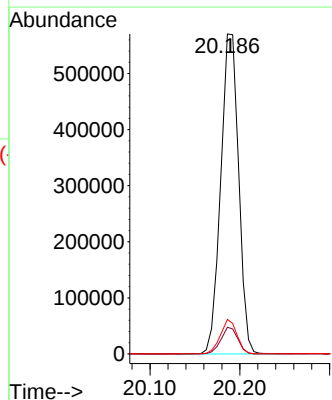
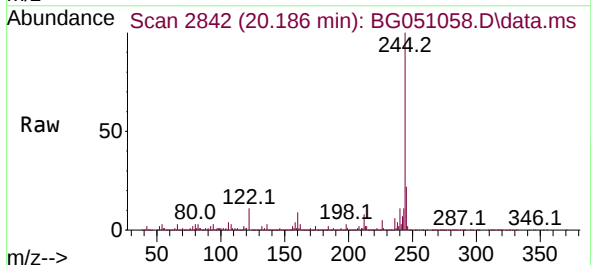
Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-10-15

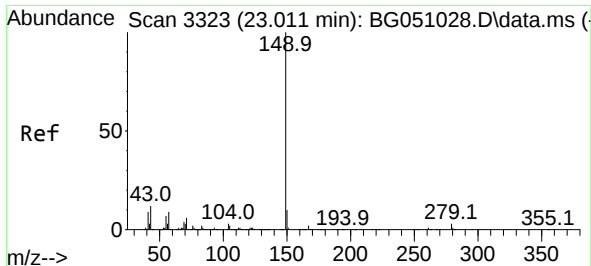
Tgt Ion:184 Resp: 14735
Ion Ratio Lower Upper
184 100
185 19.1 10.7 16.1#
183 10.9 9.4 14.0



#79
Terphenyl-d14
Concen: 69.721 ng
RT: 20.186 min Scan# 2842
Delta R.T. 0.001 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:244 Resp: 792192
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.8 5.0 7.6#

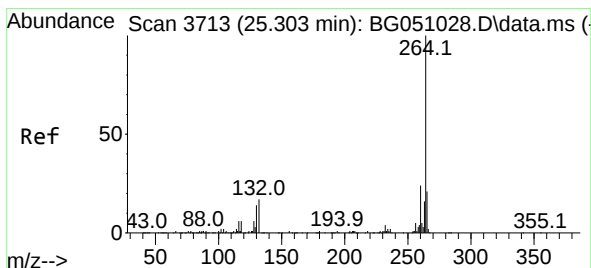
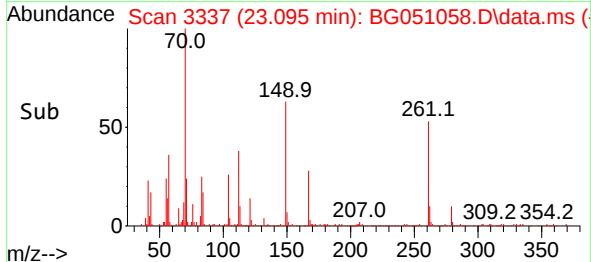
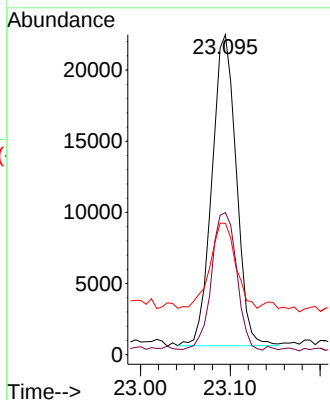
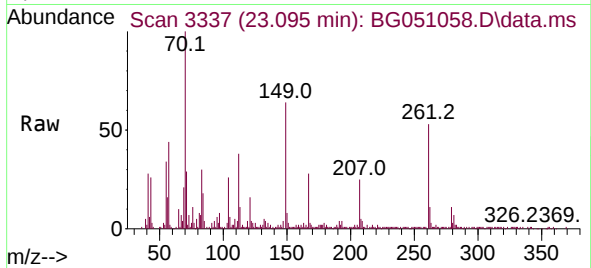




#85
Di-n-octyl phthalate
Concen: 2.589 ng
RT: 23.095 min Scan# 311
Delta R.T. 0.083 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Instrument :
BNA_G
ClientSampleId :
VWE-B31-111121-10-15

Tgt Ion:149 Resp: 41136
Ion Ratio Lower Upper
149 100
167 45.6 1.4 2.2#
43 28.3 8.6 12.8#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.310 min Scan# 3714
Delta R.T. 0.007 min
Lab File: BG051058.D
Acq: 16 Nov 2021 2:13

Tgt Ion:264 Resp: 211164
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 22.9 16.9 25.3

