

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
 Data File : BG051110.D
 Acq On : 18 Nov 2021 18:10
 Operator : CG/JU
 Sample : M4654-04RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PARKINGLOT-TOP-U-SP

Quant Time: Nov 19 01:36:51 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 01:16:08 2021
 Response via : Initial Calibration

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

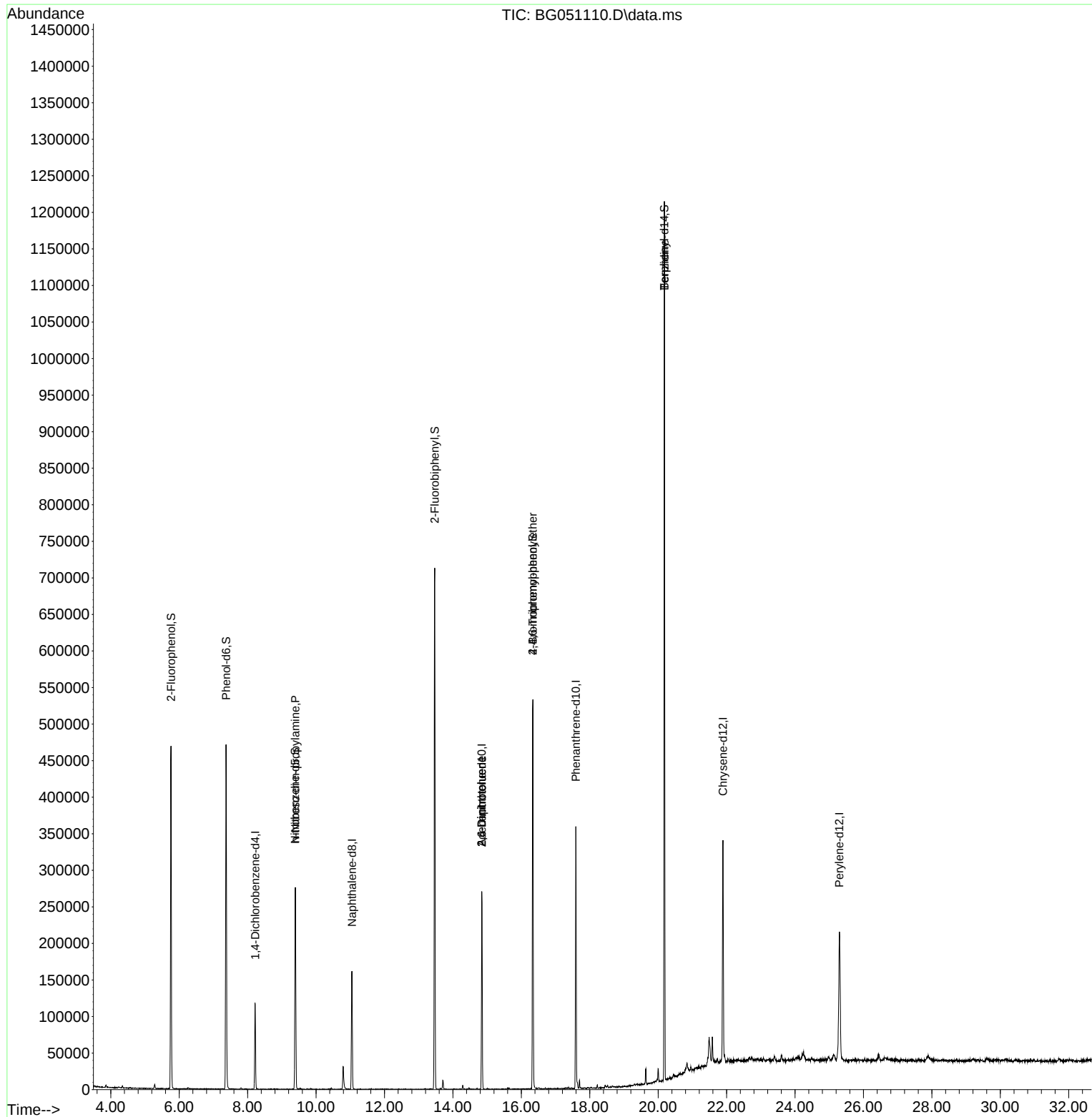
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	33521	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	143525	20.000	ng	# 0.00
39) Acenaphthene-d10	14.845	164	97497	20.000	ng	-0.01
64) Phenanthrene-d10	17.594	188	217603	20.000	ng	# 0.00
76) Chrysene-d12	21.895	240	184609	20.000	ng	# 0.00
86) Perylene-d12	25.297	264	179306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.761	112	208704	93.136	ng	0.00
7) Phenol-d6	7.371	99	281060	88.863	ng	0.00
23) Nitrobenzene-d5	9.392	82	188709	58.202	ng	-0.01
42) 2,4,6-Tribromophenol	16.337	330	88433	90.637	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	370410	60.029	ng	0.00
79) Terphenyl-d14	20.180	244	557730	57.532	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.628	88	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.398	70	25607	10.956	ng	# 69
51) 2,6-Dinitrotoluene	14.845	165	12944	8.199	ng	# 10
57) 2,4-Dinitrotoluene	14.845	165	12944	5.778	ng	# 15
67) 4-Bromophenyl-phenylether	16.337	248	6939	3.044	ng	# 1
77) Benzidine	20.185	184	9205	2.638	ng	# 93

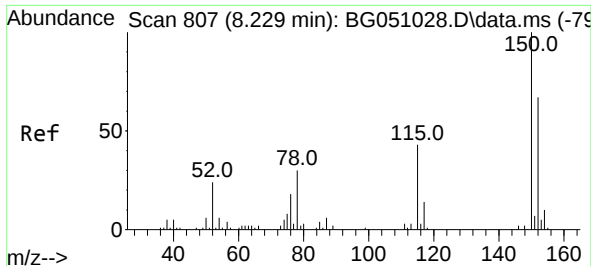
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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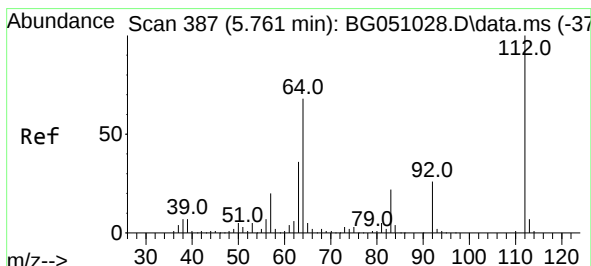
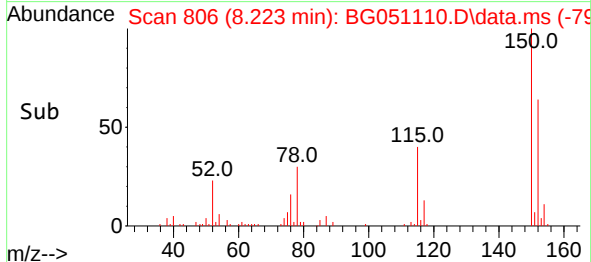
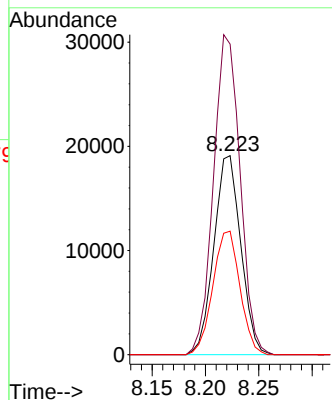
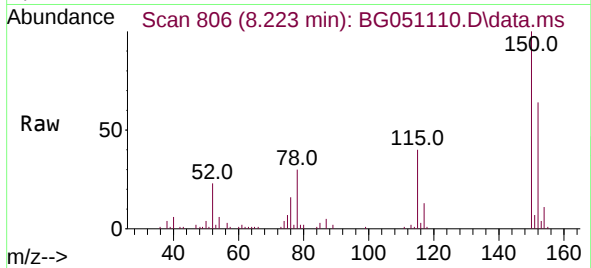




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 807
Delta R.T. -0.006 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

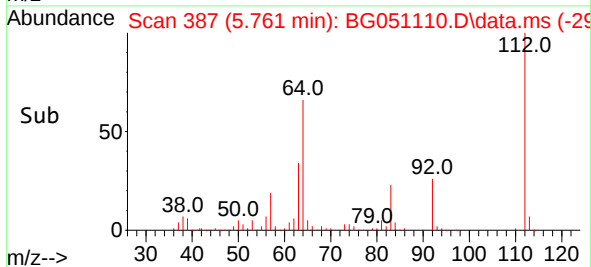
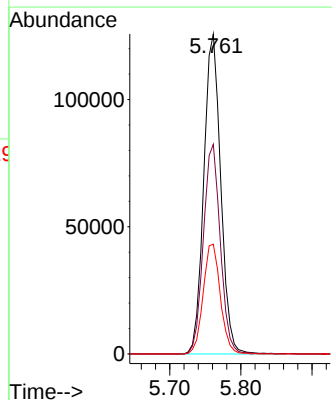
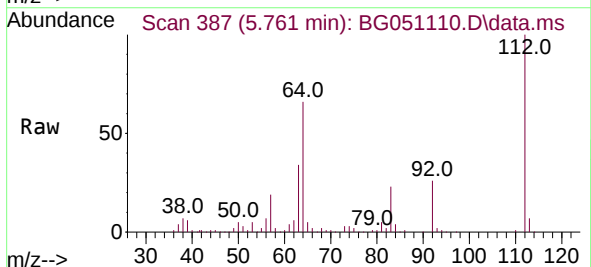
Instrument :
BNA_G
ClientSampleId :
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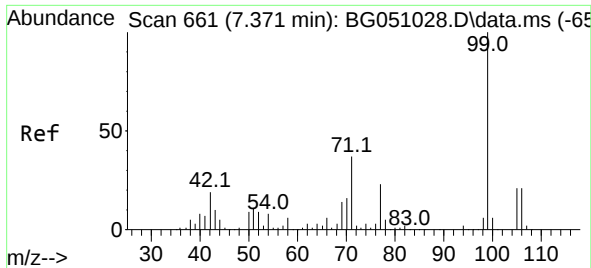
Tgt Ion:152 Resp: 33521
Ion Ratio Lower Upper
152 100
150 156.0 119.4 179.0
115 62.0 60.2 90.4



#5
2-Fluorophenol
Concen: 93.136 ng
RT: 5.761 min Scan# 387
Delta R.T. 0.000 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion:112 Resp: 208704
Ion Ratio Lower Upper
112 100
64 65.6 46.7 70.1
63 34.3 35.3 52.9#

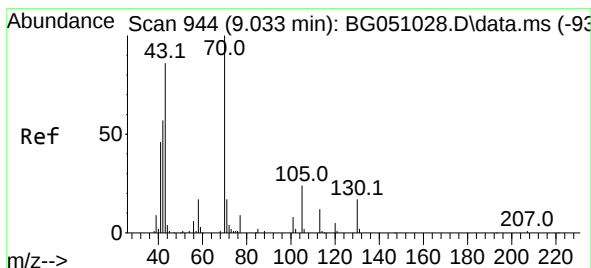
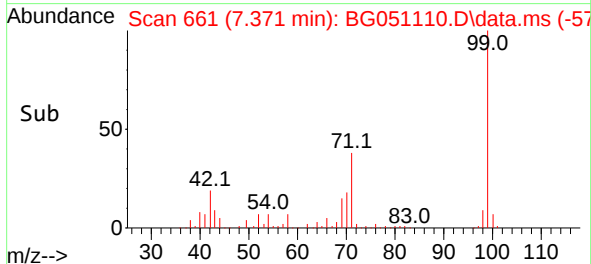
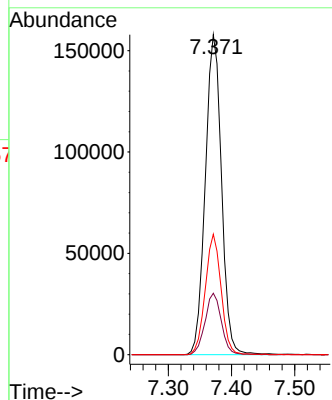
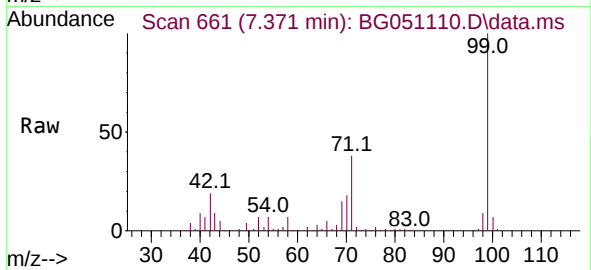




#7
Phenol-d6
Concen: 88.863 ng
RT: 7.371 min Scan# 60
Delta R.T. 0.000 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

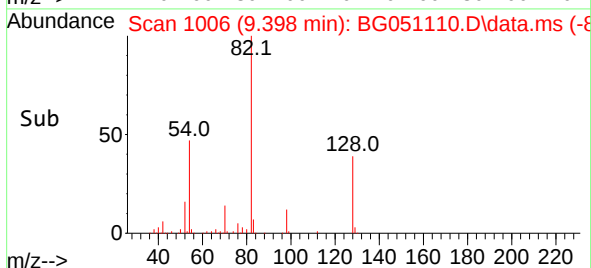
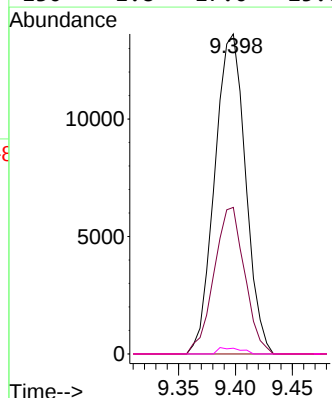
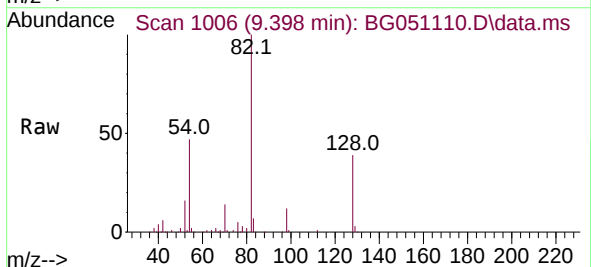
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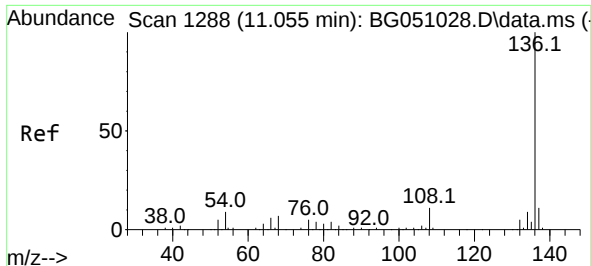
Tgt Ion: 99 Resp: 281060
Ion Ratio Lower Upper
99 100
42 19.2 20.5 30.7#
71 37.7 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 10.956 ng
RT: 9.398 min Scan# 1006
Delta R.T. 0.365 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion: 70 Resp: 25607
Ion Ratio Lower Upper
70 100
42 45.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

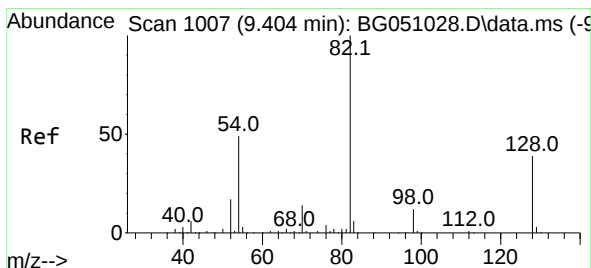
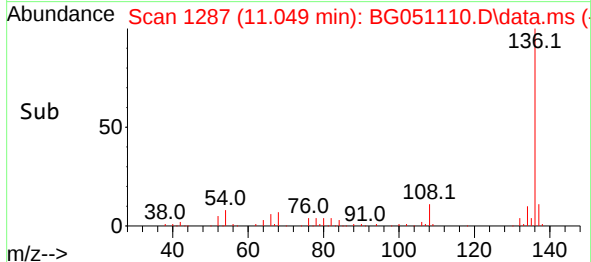
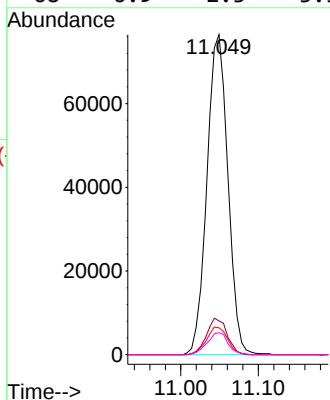
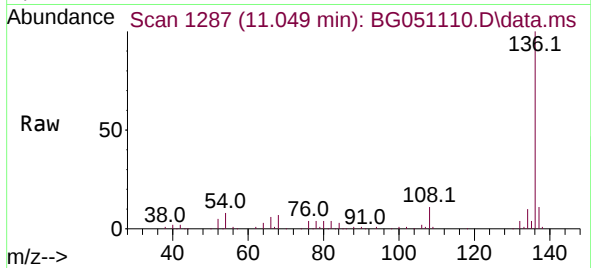




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1105
Delta R.T. -0.005 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

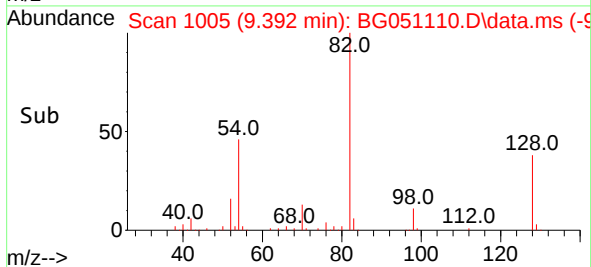
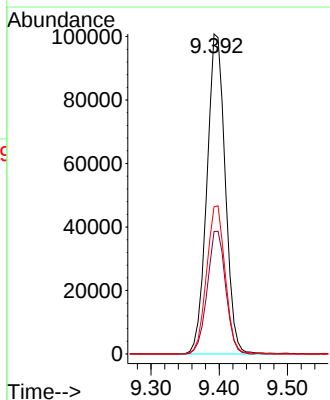
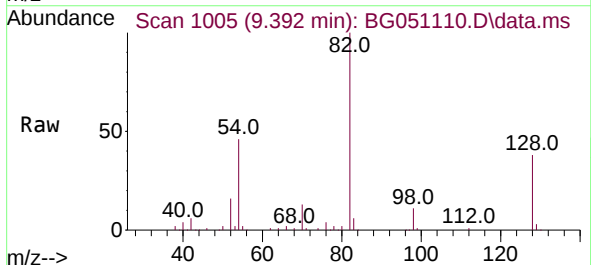
Instrument :
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ClientSampleId :
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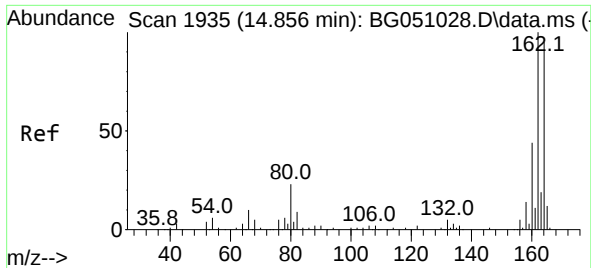
Tgt Ion:	136	Resp:	143525
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.2	12.2
54	8.4	5.5	8.3#
68	6.9	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 58.202 ng
RT: 9.392 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion:	82	Resp:	188709
Ion Ratio	Lower	Upper	
82	100		
128	38.3	29.8	44.6
54	46.0	45.8	68.8

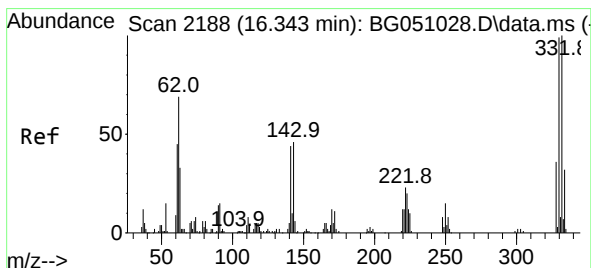
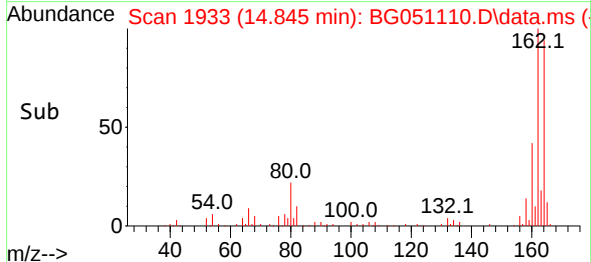
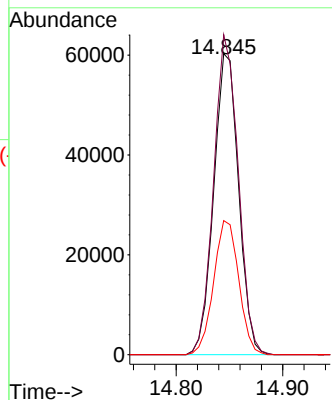
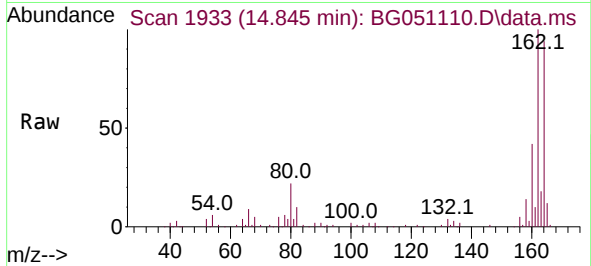




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.845 min Scan# 1933
Delta R.T. -0.011 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

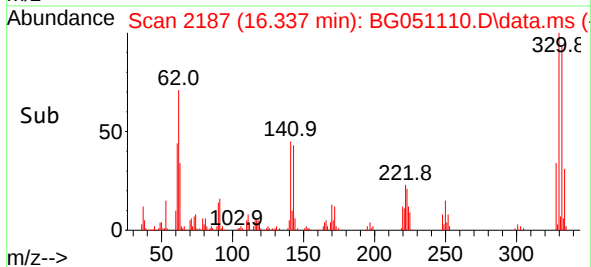
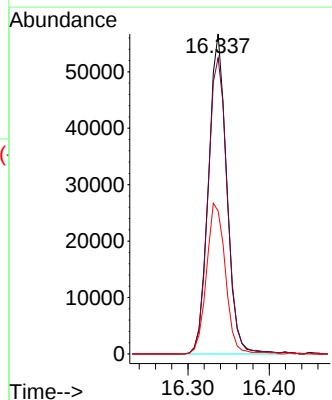
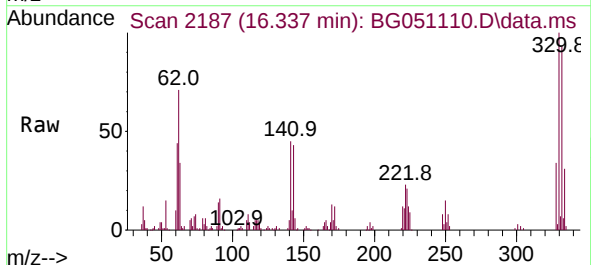
Instrument :
BNA_G
ClientSampleId :
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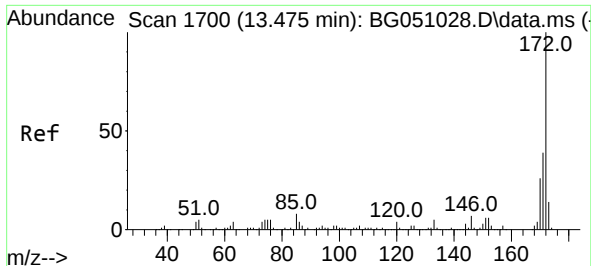
Tgt Ion:164	Resp:	97497
Ion Ratio	Lower	Upper
164	100	
162	106.3	81.4 122.0
160	44.5	34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 90.637 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion:330	Resp:	88433
Ion Ratio	Lower	Upper
330	100	
332	97.6	77.3 115.9
141	48.7	35.6 53.4

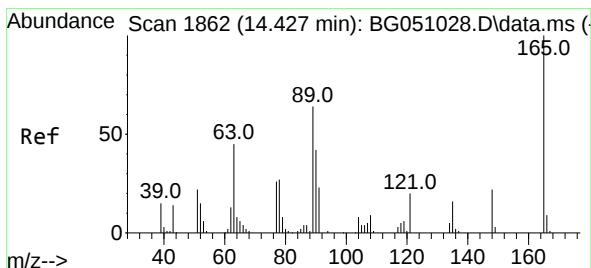
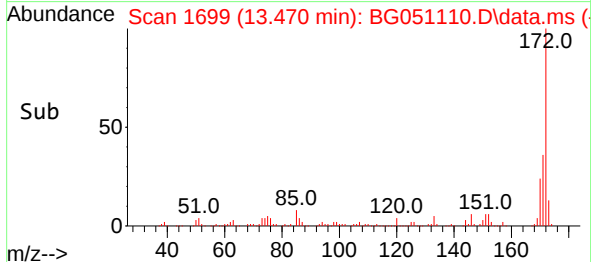
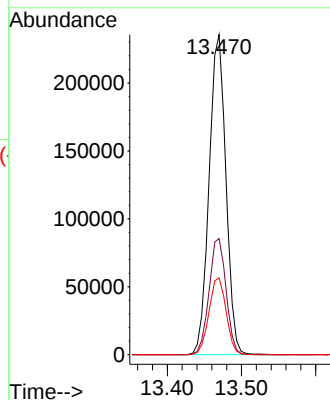
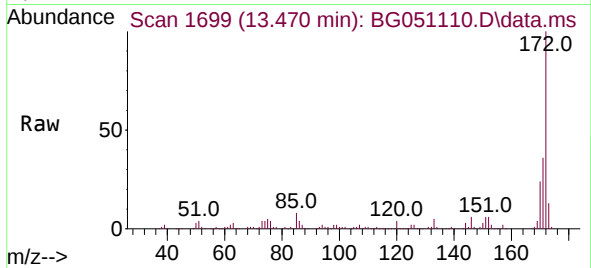




#45
2-Fluorobiphenyl
Concen: 60.029 ng
RT: 13.470 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

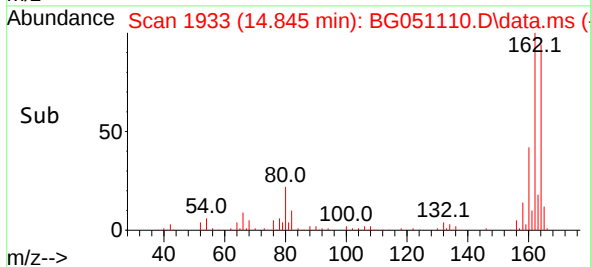
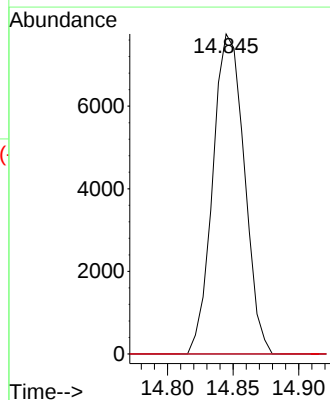
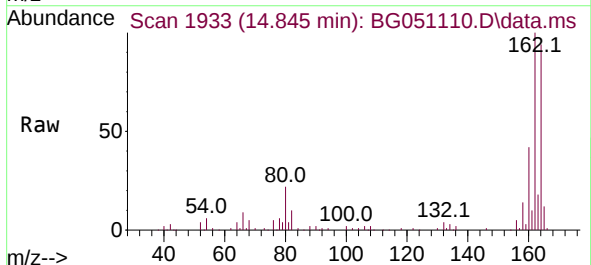
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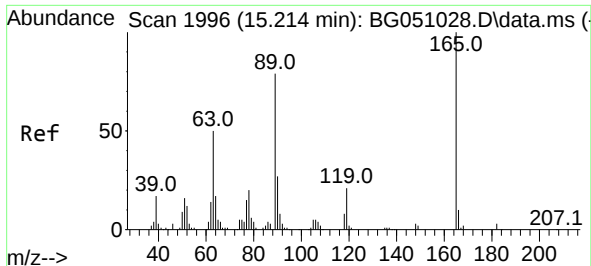
Tgt Ion:172 Resp: 370410
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.199 ng
RT: 14.845 min Scan# 1933
Delta R.T. 0.418 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion:165 Resp: 12944
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.778 ng

RT: 14.845 min Scan# 1996

Delta R.T. -0.370 min

Lab File: BG051110.D

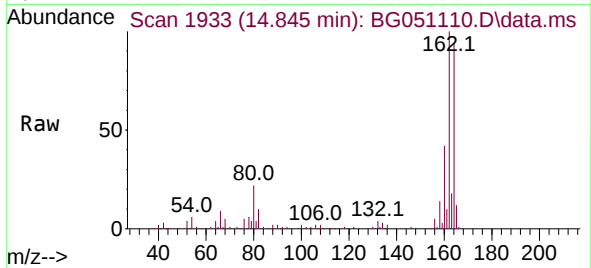
Acq: 18 Nov 2021 18:10

Instrument :

BNA_G

ClientSampleId :

PARKINGLOT-TOP-U-SP



Tgt Ion:165 Resp: 12944

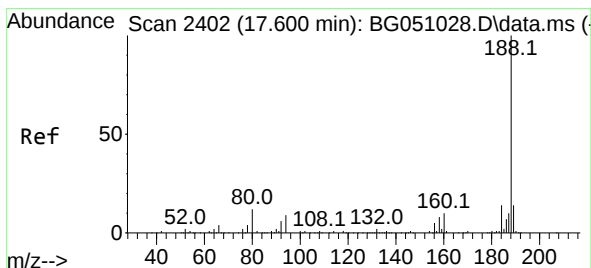
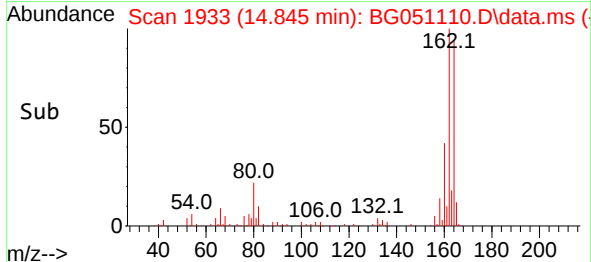
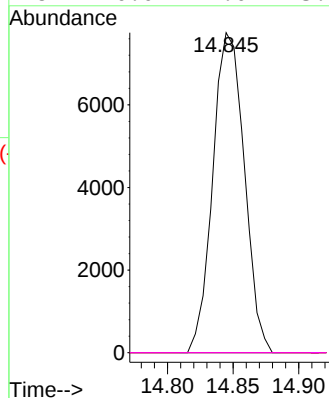
Ion Ratio Lower Upper

165 100

63 0.0 48.0 72.0#

89 0.0 65.4 98.0#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.594 min Scan# 2401

Delta R.T. -0.005 min

Lab File: BG051110.D

Acq: 18 Nov 2021 18:10

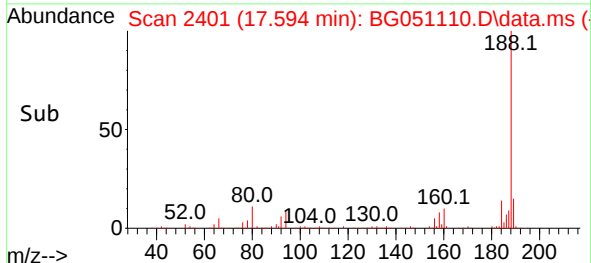
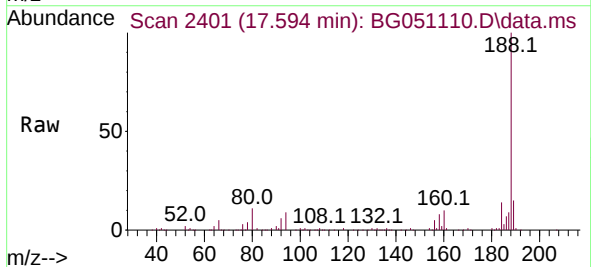
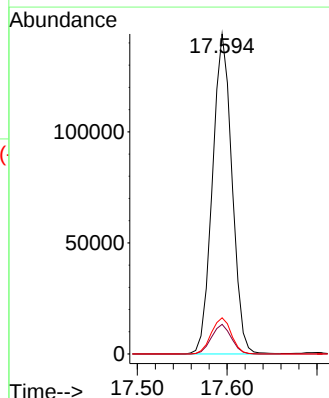
Tgt Ion:188 Resp: 217603

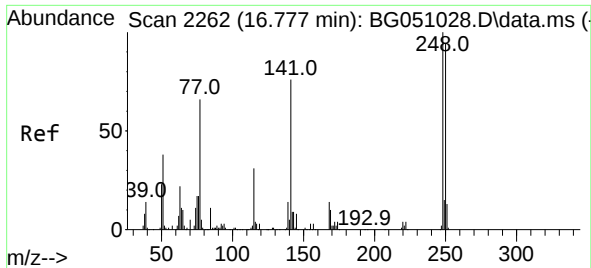
Ion Ratio Lower Upper

188 100

94 9.2 5.4 8.0#

80 11.3 3.7 5.5#

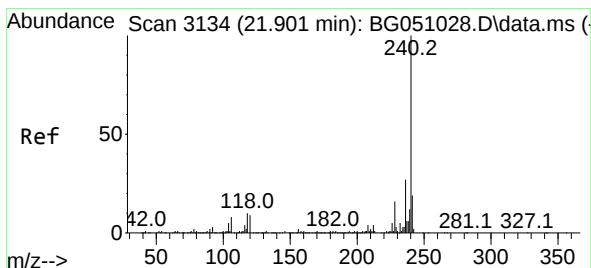
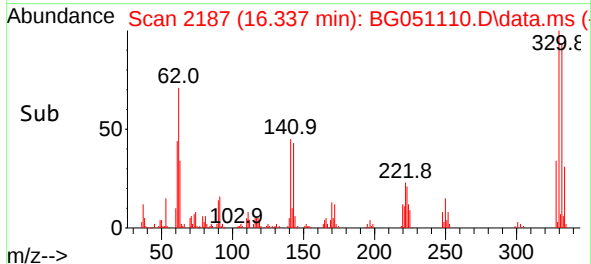
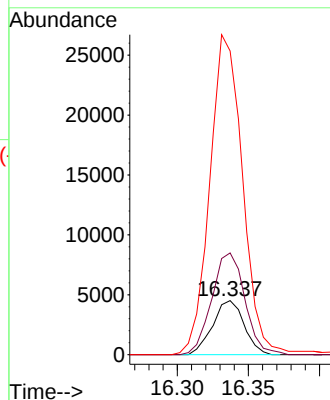
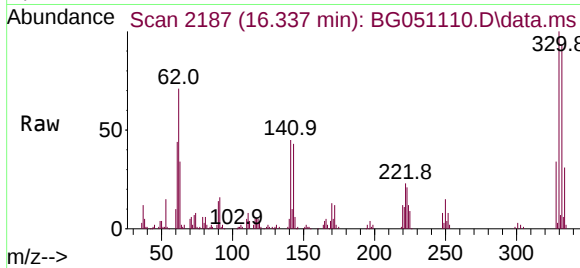




#67
4-Bromophenyl-phenylether
Concen: 3.044 ng
RT: 16.337 min Scan# 2187
Delta R.T. -0.440 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

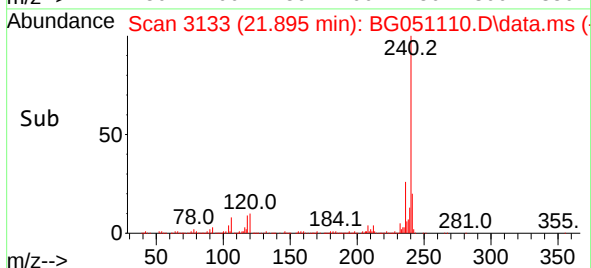
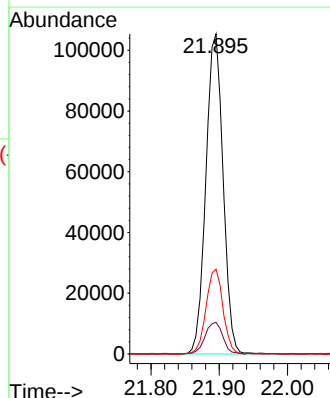
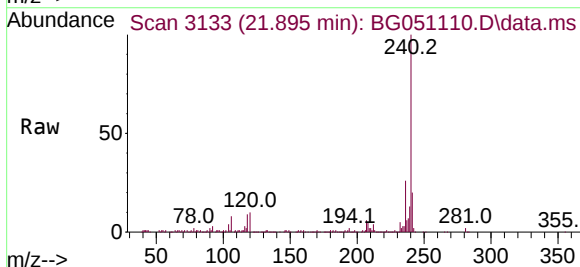
Instrument :
BNA_G
ClientSampleId :
PARKINGLOT-TOP-U-SP

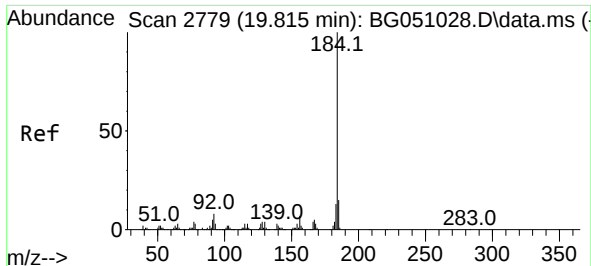
Tgt Ion:248 Resp: 6939
Ion Ratio Lower Upper
248 100
250 187.9 76.1 114.1#
141 560.8 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.895 min Scan# 3133
Delta R.T. -0.005 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

Tgt Ion:240 Resp: 184609
Ion Ratio Lower Upper
240 100
120 9.9 4.2 6.2#
236 26.5 21.8 32.6

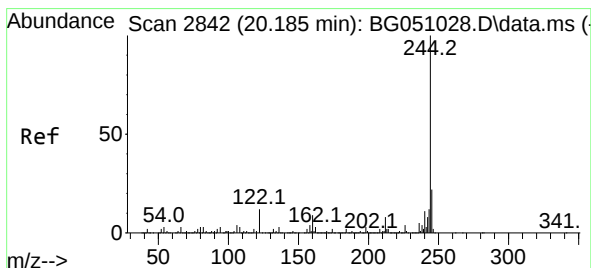
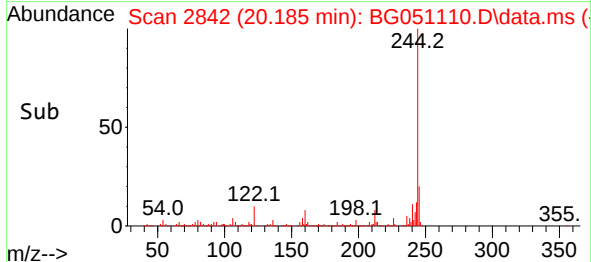
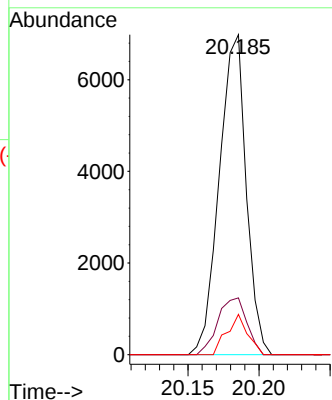
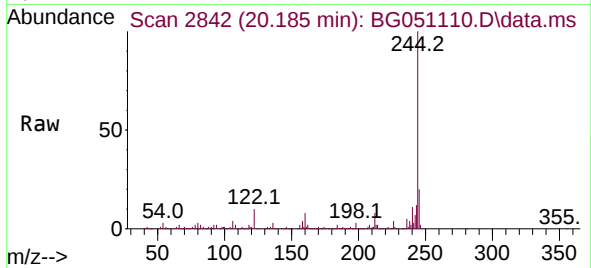




#77
Benzidine
Concen: 2.638 ng
RT: 20.185 min Scan# 2842
Delta R.T. 0.370 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

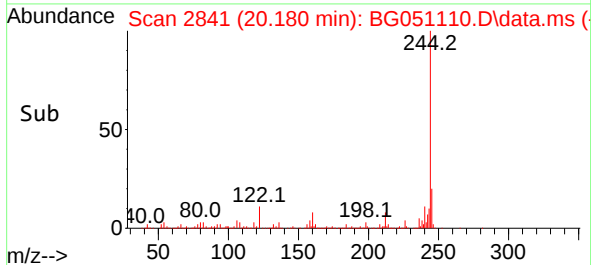
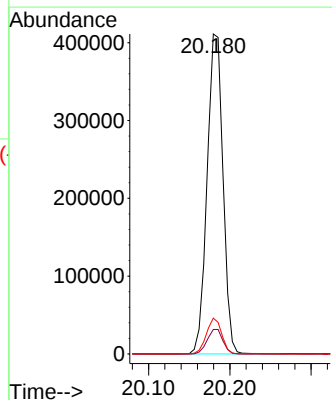
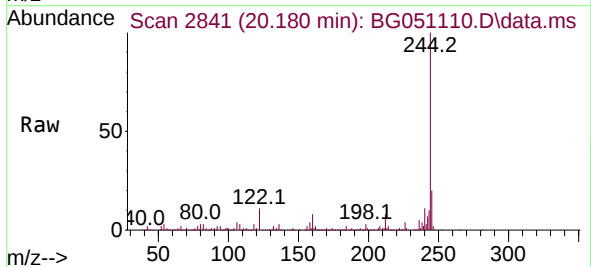
Instrument :
BNA_G
ClientSampleId :
PARKINGLOT-TOP-U-SP

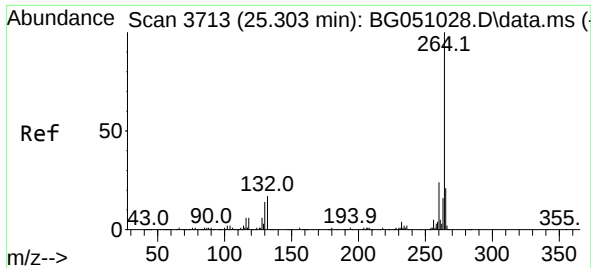
Tgt Ion:184 Resp: 9205
Ion Ratio Lower Upper
184 100
185 17.7 10.7 16.1#
183 12.6 9.4 14.0



#79
Terphenyl-d14
Concen: 57.532 ng
RT: 20.180 min Scan# 2841
Delta R.T. -0.005 min
Lab File: BG051110.D
Acq: 18 Nov 2021 18:10

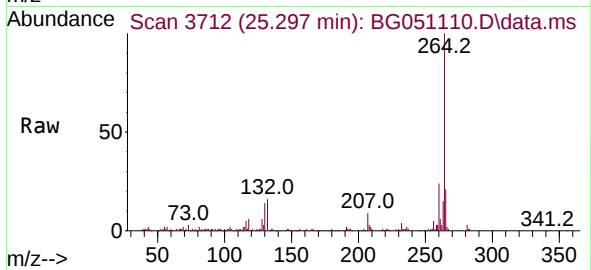
Tgt Ion:244 Resp: 557730
Ion Ratio Lower Upper
244 100
212 7.7 6.9 10.3
122 11.2 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.297 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG051110.D
 Acq: 18 Nov 2021 18:10

Instrument :
 BNA_G
 ClientSampleId :
 PARKINGLOT-TOP-U-SP



Tgt Ion:264 Resp: 179306
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.3 16.9 25.3

