

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051066.D
 Acq On : 16 Nov 2021 14:17
 Operator : CG/JU
 Sample : M4687-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Nov 16 14:54:37 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)

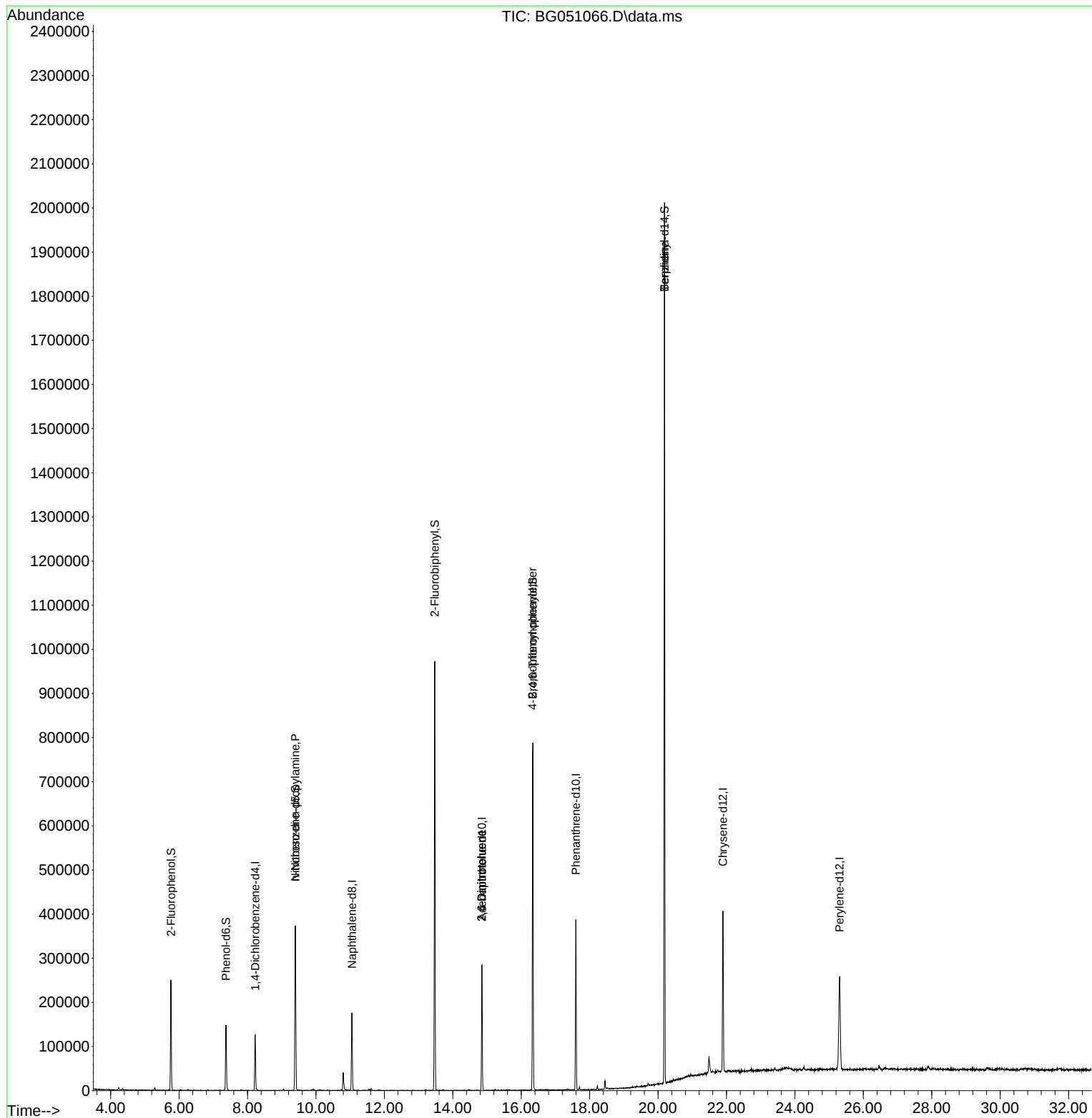
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.226	152	36285	20.000	ng	0.00
21) Naphthalene-d8	11.052	136	148531	20.000	ng	# 0.00
39) Acenaphthene-d10	14.853	164	100066	20.000	ng	0.00
64) Phenanthrene-d10	17.597	188	238328	20.000	ng	# 0.00
76) Chrysene-d12	21.898	240	226356	20.000	ng	# 0.00
86) Perylene-d12	25.306	264	224203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.764	112	114603	47.247	ng	0.00
7) Phenol-d6	7.368	99	89780	26.223	ng	0.00
23) Nitrobenzene-d5	9.401	82	253054	75.417	ng	0.00
42) 2,4,6-Tribromophenol	16.340	330	131245	131.063	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	488317	77.105	ng	0.00
79) Terphenyl-d14	20.188	244	923241	74.632	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.655	88	55	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.401	70	34470	13.624	ng	# 71
51) 2,6-Dinitrotoluene	14.847	165	13032	8.042	ng	# 11
57) 2,4-Dinitrotoluene	14.847	165	13032	5.668	ng	# 16
67) 4-Bromophenyl-phenylether	16.334	248	10372	4.155	ng	# 1
77) Benzidine	20.188	184	16531	3.864	ng	# 93

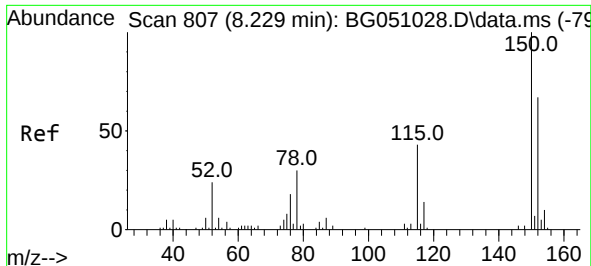
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
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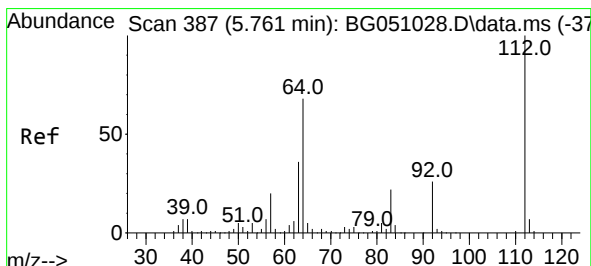
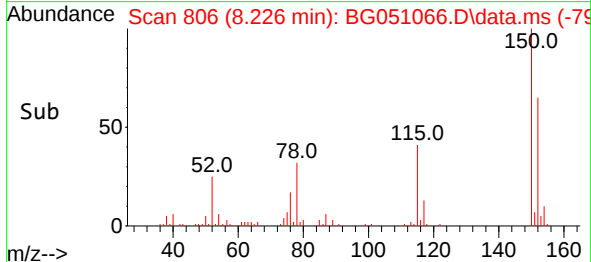
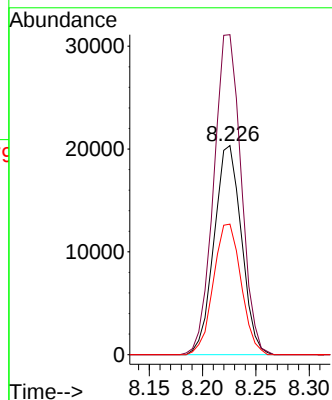
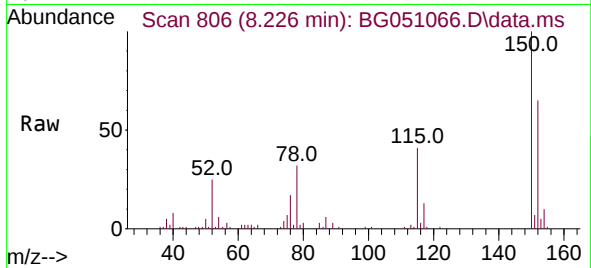




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.226 min Scan# 807
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

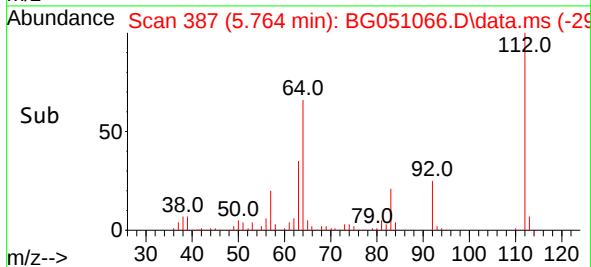
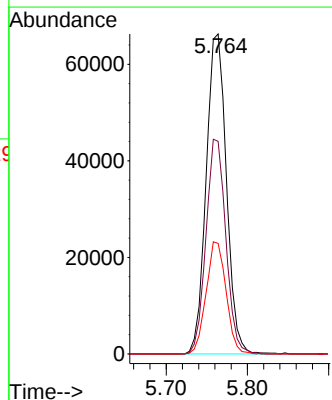
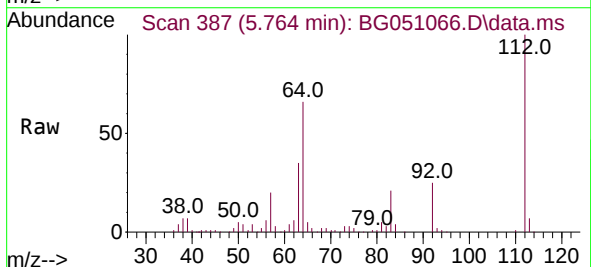
Instrument :
BNA_G
ClientSampleId :
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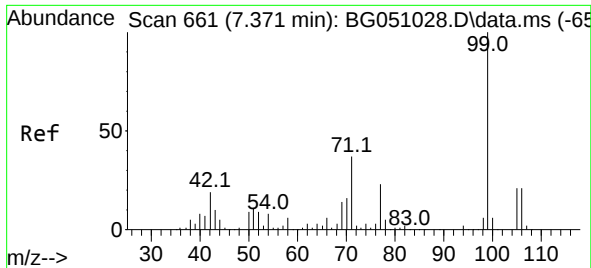
Tgt Ion:152 Resp: 36285
Ion Ratio Lower Upper
152 100
150 153.0 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 47.247 ng
RT: 5.764 min Scan# 387
Delta R.T. 0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:112 Resp: 114603
Ion Ratio Lower Upper
112 100
64 66.5 46.7 70.1
63 34.6 35.3 52.9#

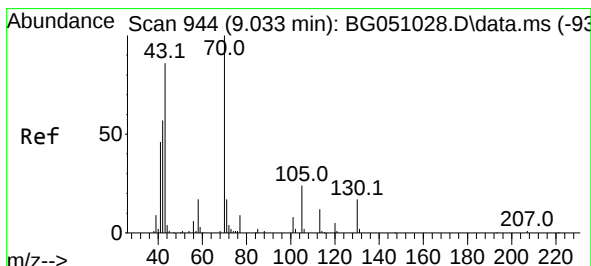
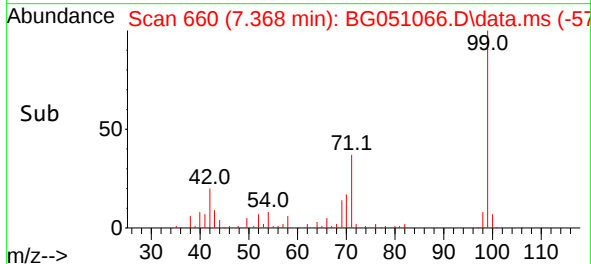
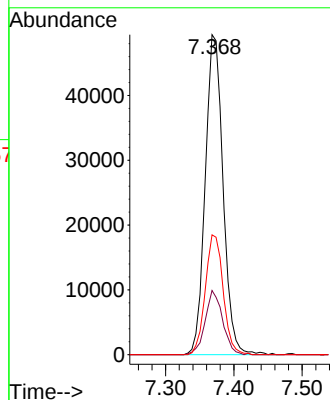
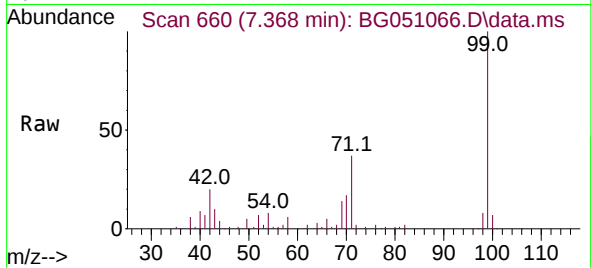




#7
Phenol-d6
Concen: 26.223 ng
RT: 7.368 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

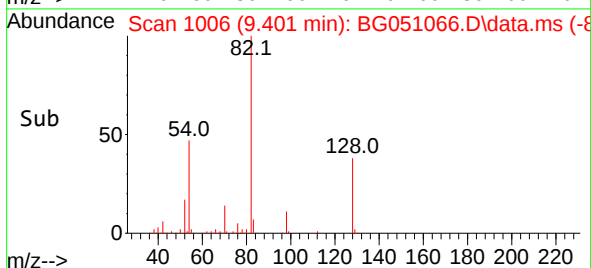
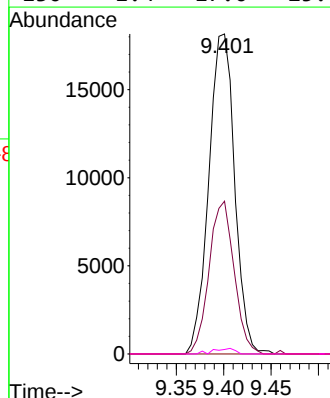
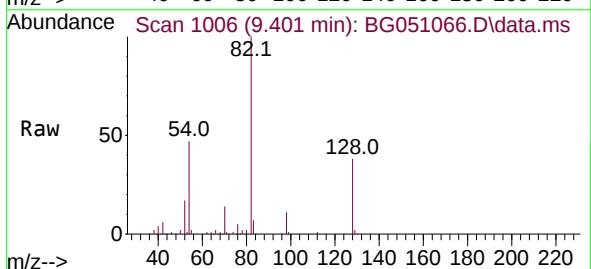
Instrument :
BNA_G
ClientSampleId :
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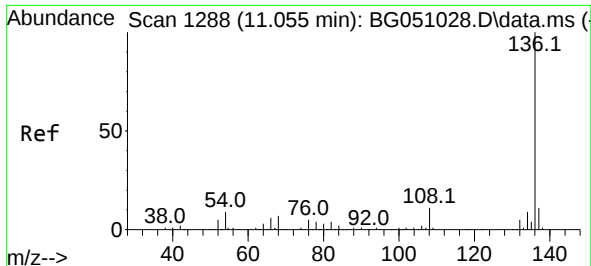
Tgt Ion: 99 Resp: 89780
Ion Ratio Lower Upper
99 100
42 20.1 20.5 30.7#
71 37.4 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.624 ng
RT: 9.401 min Scan# 1006
Delta R.T. 0.367 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion: 70 Resp: 34470
Ion Ratio Lower Upper
70 100
42 47.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#

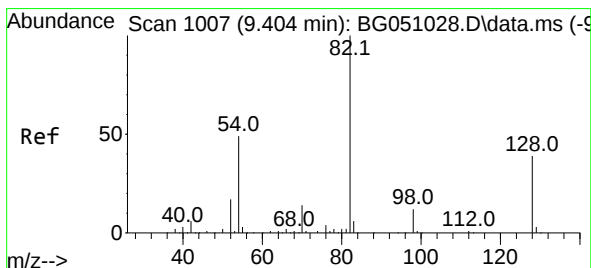
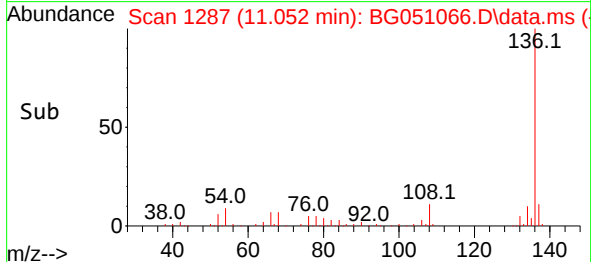
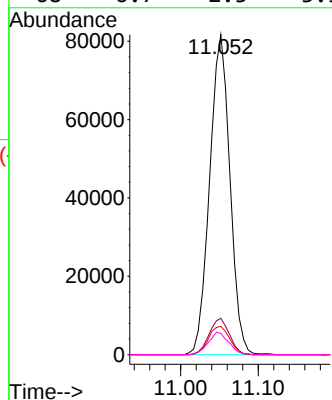
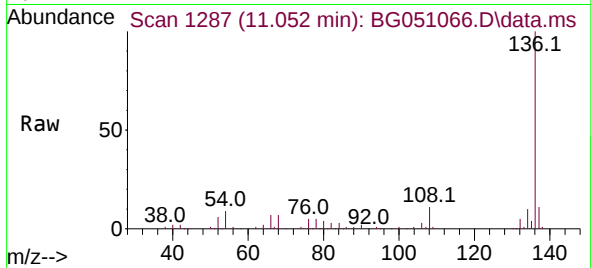




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.052 min Scan# 1106
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

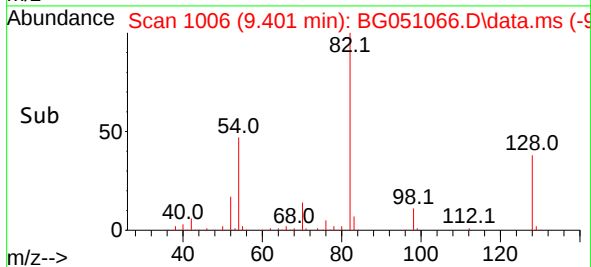
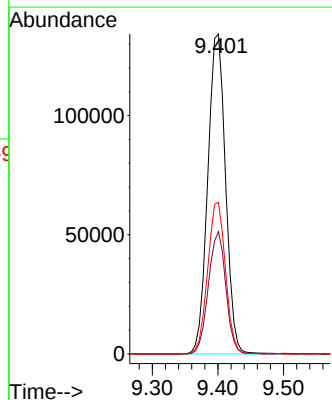
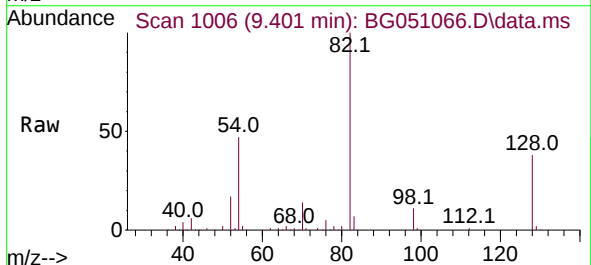
Instrument :
BNA_G
ClientSampleId :
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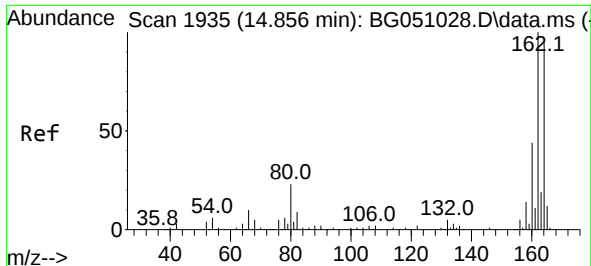
Tgt Ion:	136	Resp:	148531
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	8.8	5.5	8.3#
68	6.7	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 75.417 ng
RT: 9.401 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

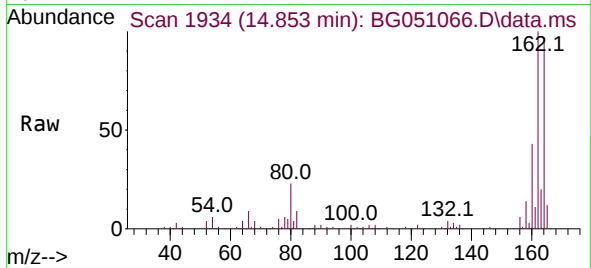
Tgt Ion:	82	Resp:	253054
Ion Ratio	Lower	Upper	
82	100		
128	38.2	29.8	44.6
54	47.4	45.8	68.8



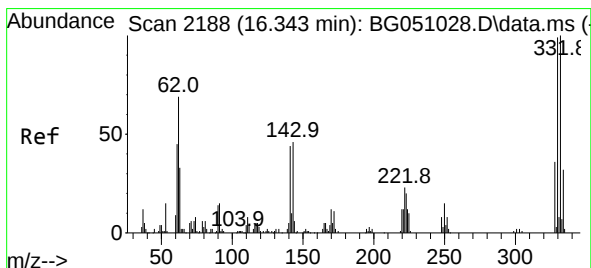
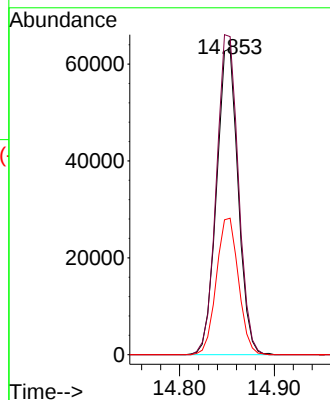
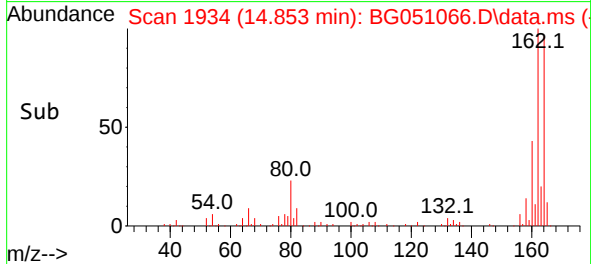


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.853 min Scan# 1934
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

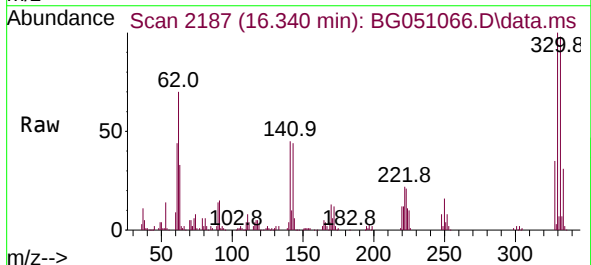
Instrument :
BNA_G
ClientSampleId :
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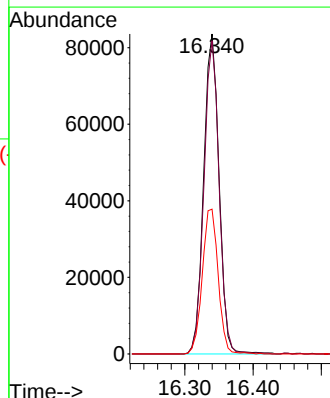
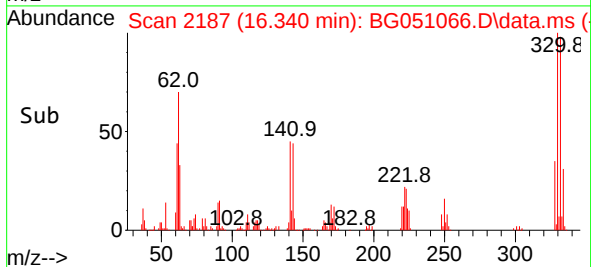
Tgt Ion:164 Resp: 100066
Ion Ratio Lower Upper
164 100
162 103.9 81.4 122.0
160 44.6 34.9 52.3

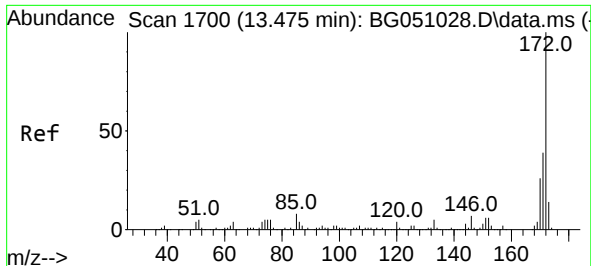


#42
2,4,6-Tribromophenol
Concen: 131.063 ng
RT: 16.340 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17



Tgt Ion:330 Resp: 131245
Ion Ratio Lower Upper
330 100
332 96.6 77.3 115.9
141 46.7 35.6 53.4

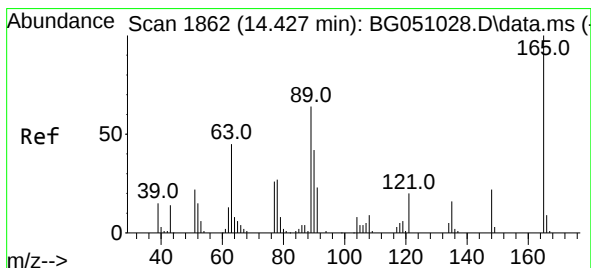
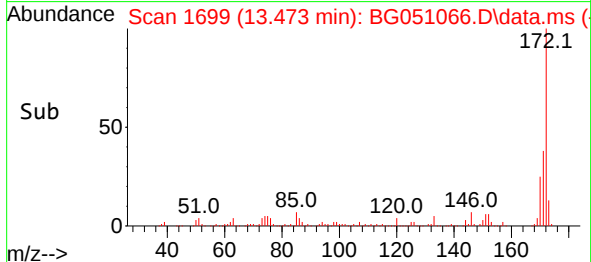
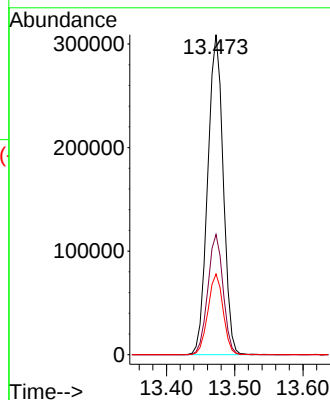
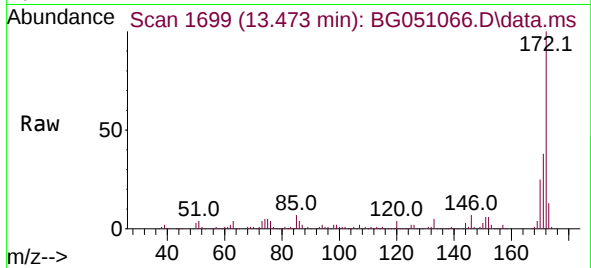




#45
2-Fluorobiphenyl
Concen: 77.105 ng
RT: 13.473 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

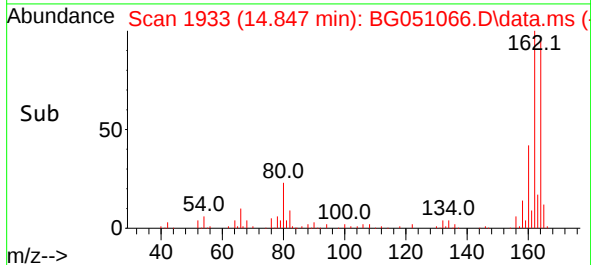
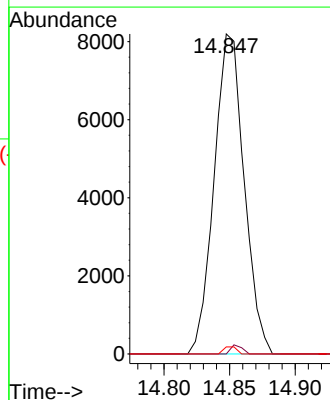
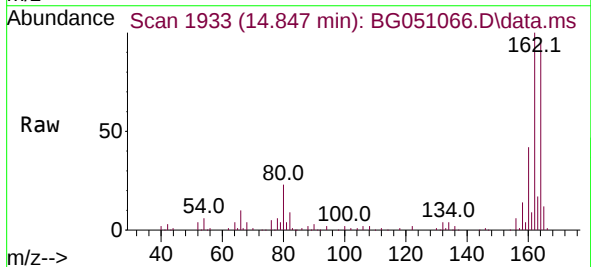
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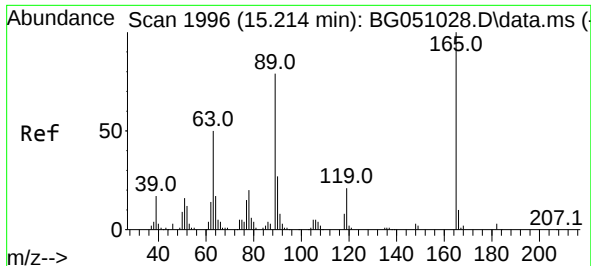
Tgt Ion:172 Resp: 488317
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.2 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.042 ng
RT: 14.847 min Scan# 1933
Delta R.T. 0.420 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:165 Resp: 13032
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.2 63.4 95.0#





#57

2,4-Dinitrotoluene

Concen: 5.668 ng

RT: 14.847 min Scan# 1996

Delta R.T. -0.367 min

Lab File: BG051066.D

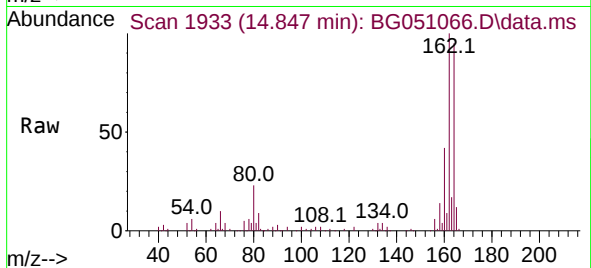
Acq: 16 Nov 2021 14:17

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:165 Resp: 13032

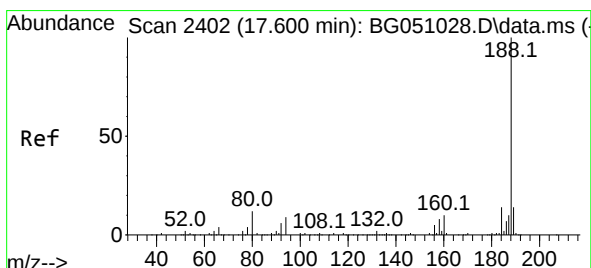
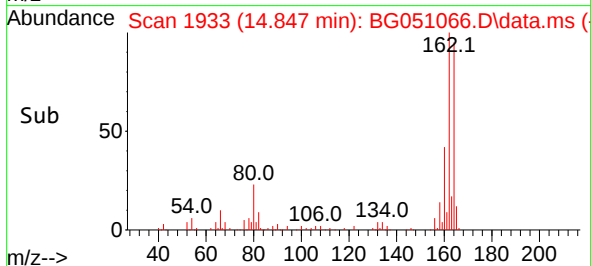
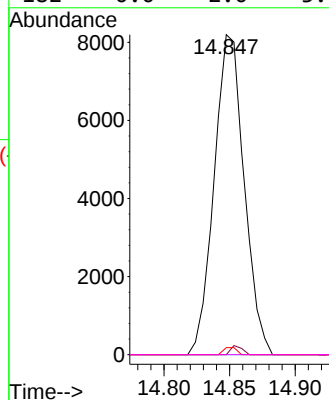
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.597 min Scan# 2401

Delta R.T. -0.003 min

Lab File: BG051066.D

Acq: 16 Nov 2021 14:17

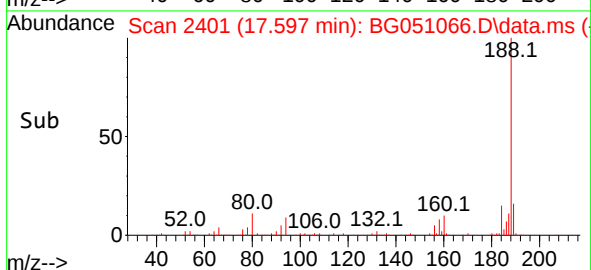
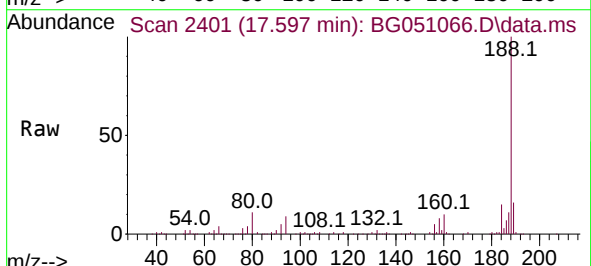
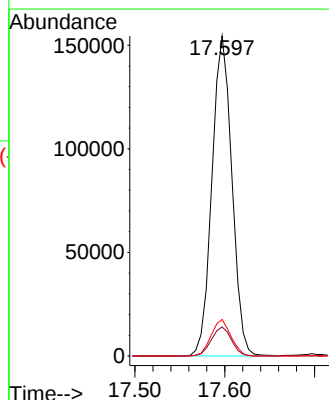
Tgt Ion:188 Resp: 238328

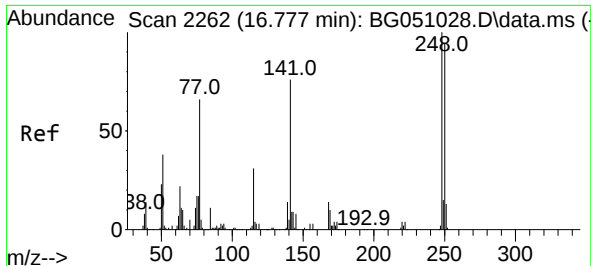
Ion Ratio Lower Upper

188 100

94 9.0 5.4 8.0#

80 11.4 3.7 5.5#

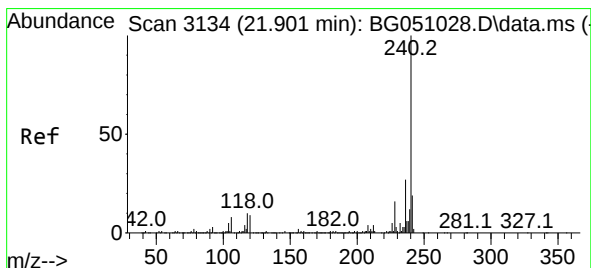
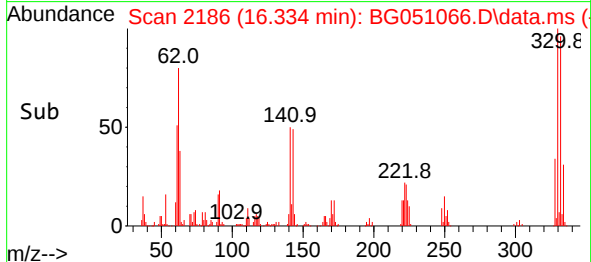
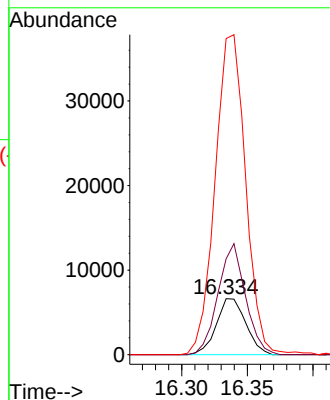
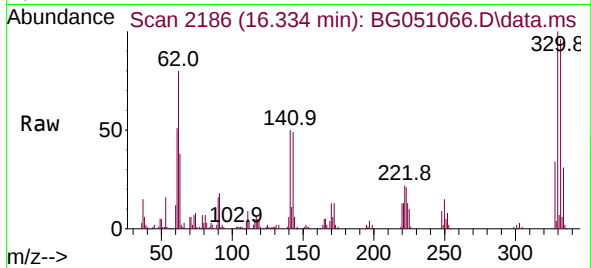




#67
4-Bromophenyl-phenylether
Concen: 4.155 ng
RT: 16.334 min Scan# 2186
Delta R.T. -0.443 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

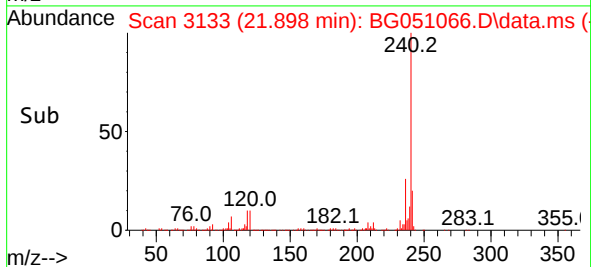
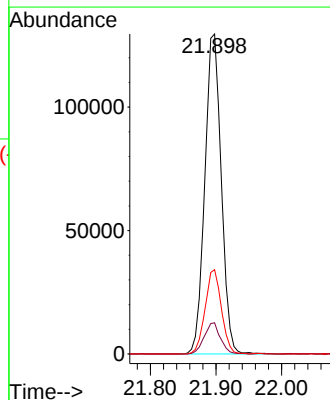
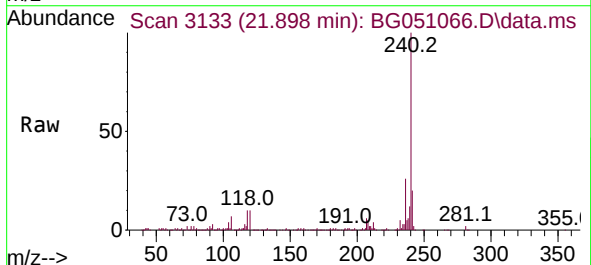
Instrument :
BNA_G
ClientSampleId :
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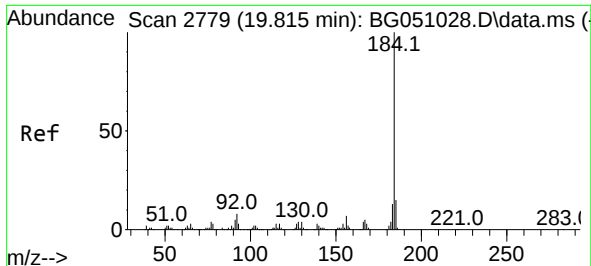
Tgt Ion:248 Resp: 10372
Ion Ratio Lower Upper
248 100
250 171.1 76.1 114.1#
141 564.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3133
Delta R.T. -0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:240 Resp: 226356
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 26.3 21.8 32.6

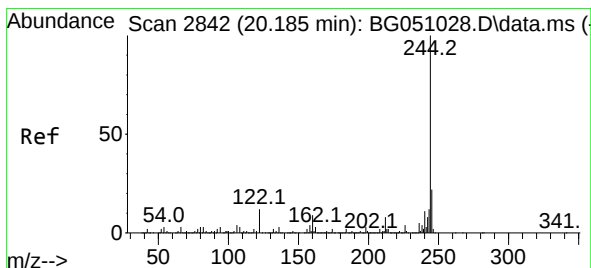
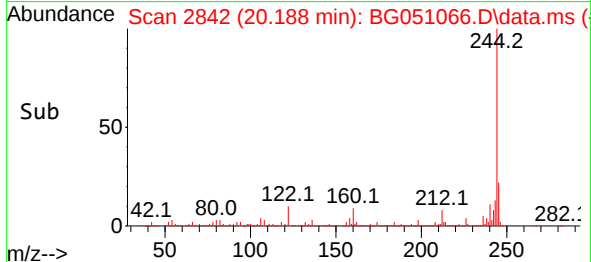
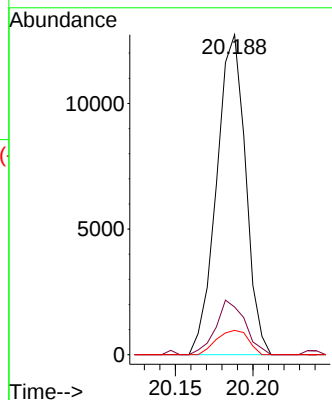
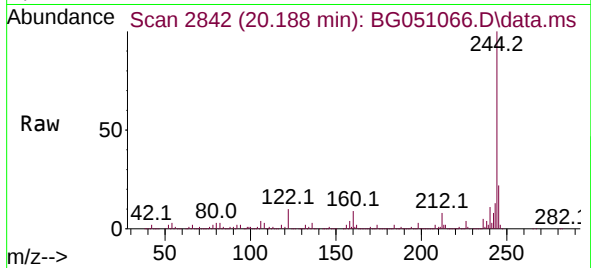




#77
Benzidine
Concen: 3.864 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.373 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

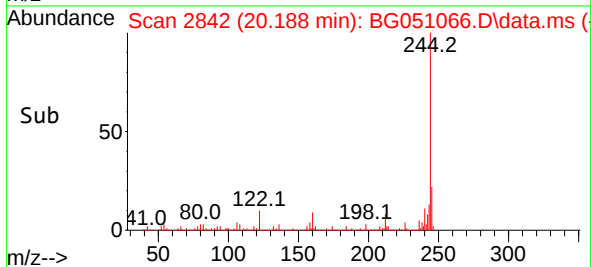
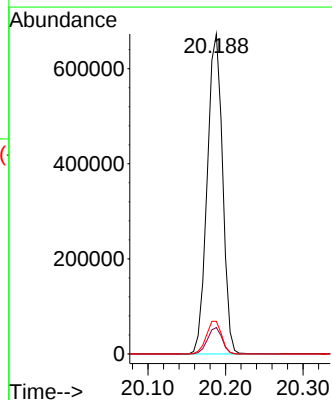
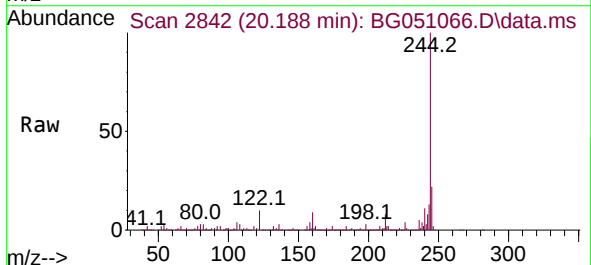
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

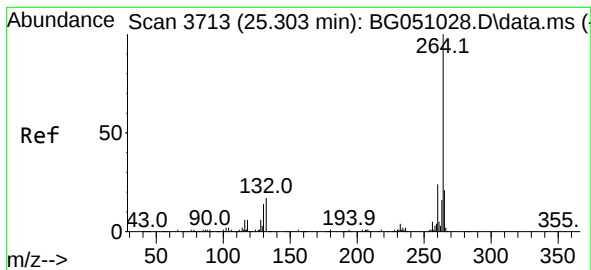
Tgt Ion:184 Resp: 16531
Ion Ratio Lower Upper
184 100
185 14.9 10.7 16.1
183 7.6 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.632 ng
RT: 20.188 min Scan# 2842
Delta R.T. 0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Tgt Ion:244 Resp: 923241
Ion Ratio Lower Upper
244 100
212 8.3 6.9 10.3
122 10.2 5.0 7.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.306 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG051066.D
Acq: 16 Nov 2021 14:17

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tgt Ion:264 Resp: 224203

Ion	Ratio	Lower	Upper
264	100		
260	25.5	19.4	29.2
265	23.3	16.9	25.3

