

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
 Data File : BG051142.D
 Acq On : 20 Nov 2021 4:10
 Operator : CG/JU
 Sample : M4758-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP10

Quant Time: Nov 20 04:51:24 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

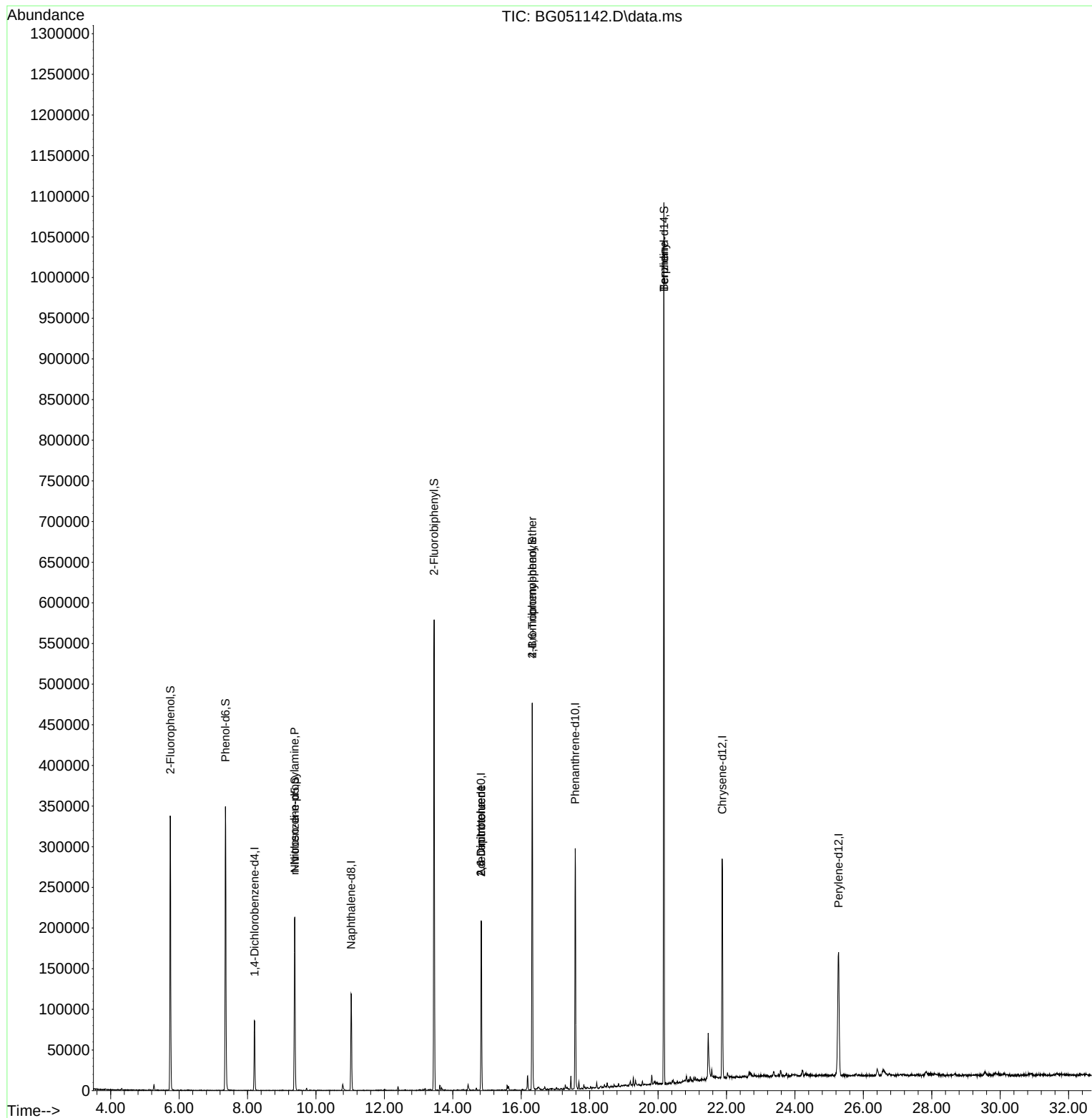
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.208	152	24520	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	105570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.830	164	76144	20.000	ng	0.00
64) Phenanthrene-d10	17.580	188	186191	20.000	ng	# 0.00
76) Chrysene-d12	21.875	240	171499	20.000	ng	# 0.00
86) Perylene-d12	25.277	264	169026	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	152493	96.138	ng	0.00
7) Phenol-d6	7.356	99	204375	91.481	ng	0.00
23) Nitrobenzene-d5	9.384	82	144449	62.460	ng	0.00
42) 2,4,6-Tribromophenol	16.322	330	80872	99.927	ng	0.00
45) 2-Fluorobiphenyl	13.455	172	296352	58.729	ng	0.00
79) Terphenyl-d14	20.171	244	507769	54.126	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.378	70	19620	11.898	ng	# 64
51) 2,6-Dinitrotoluene	14.830	165	10184	8.312	ng	# 10
57) 2,4-Dinitrotoluene	14.830	165	10184	5.803	ng	# 15
67) 4-Bromophenyl-phenylether	16.322	248	6223	3.090	ng	# 1
77) Benzidine	20.171	184	8525	3.027	ng	95

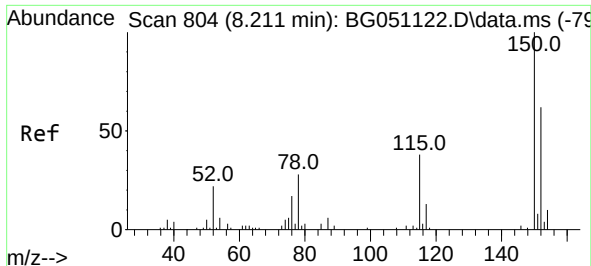
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111921\
Data File : BG051142.D
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Operator : CG/JU
Sample : M4758-19
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Nov 20 04:51:24 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

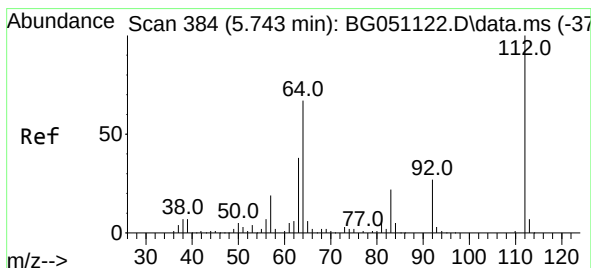
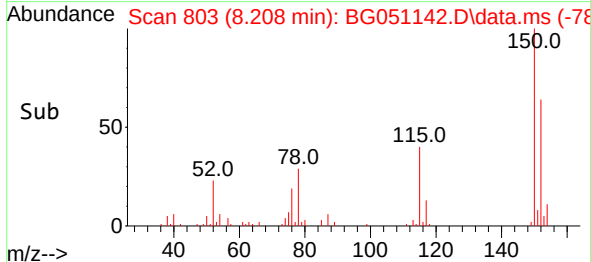
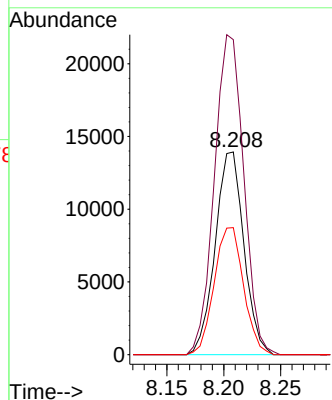
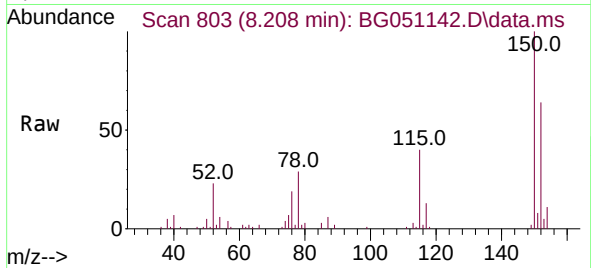




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

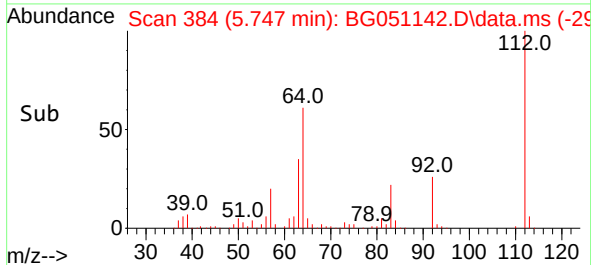
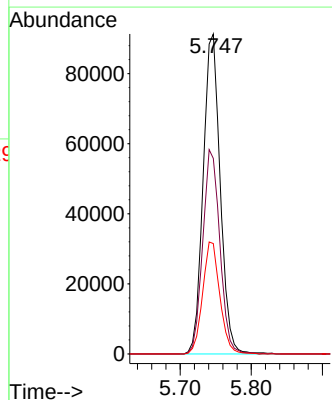
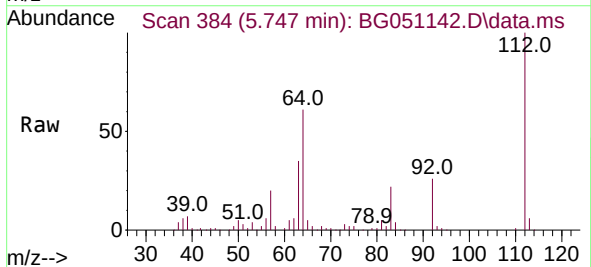
Instrument :
BNA_G
ClientSampleId :
TP10

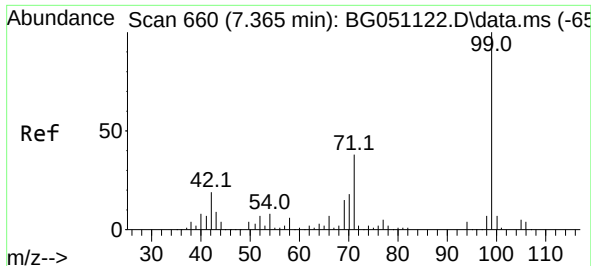
Tgt Ion:152 Resp: 24520
Ion Ratio Lower Upper
152 100
150 155.3 119.4 179.0
115 62.6 60.2 90.4



#5
2-Fluorophenol
Concen: 96.138 ng
RT: 5.747 min Scan# 384
Delta R.T. 0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:112 Resp: 152493
Ion Ratio Lower Upper
112 100
64 61.1 46.7 70.1
63 34.5 35.3 52.9#

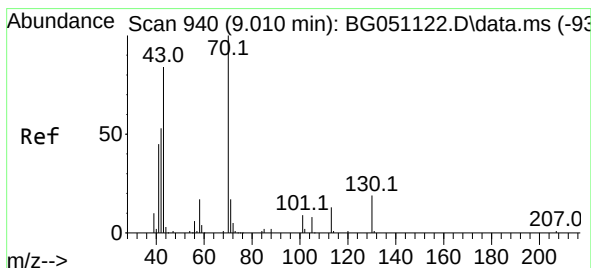
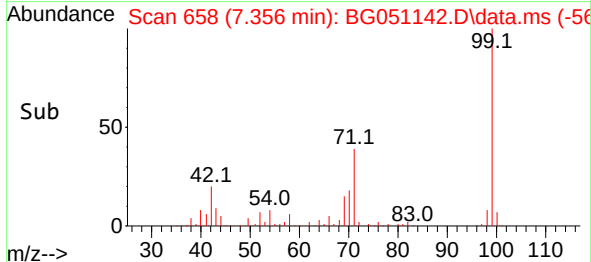
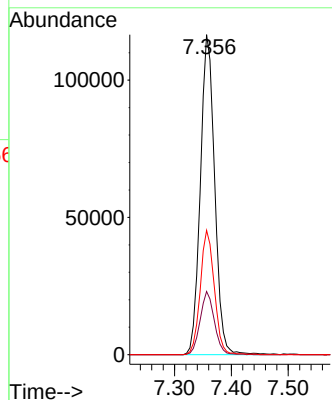
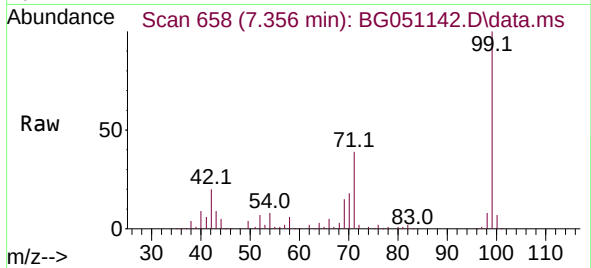




#7
Phenol-d6
Concen: 91.481 ng
RT: 7.356 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

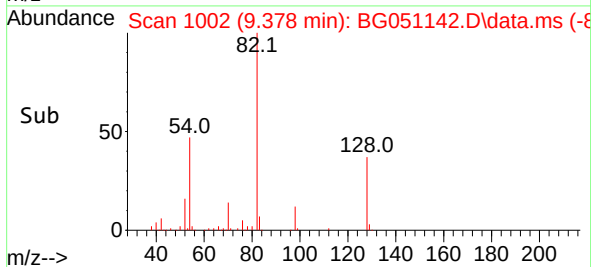
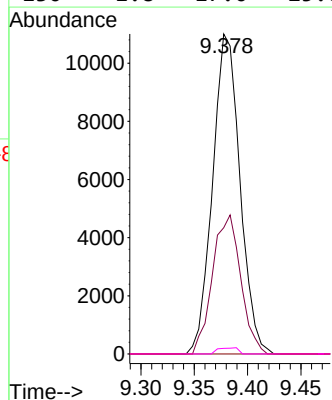
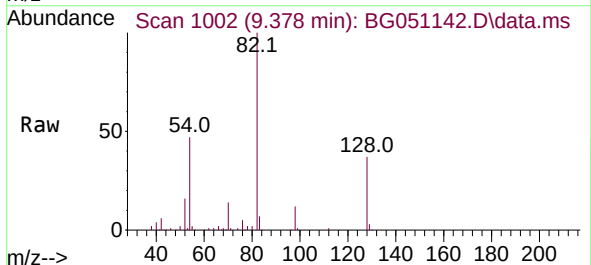
Instrument :
BNA_G
ClientSampleId :
TP10

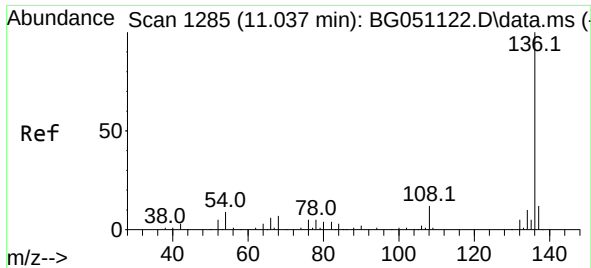
Tgt Ion: 99 Resp: 204375
Ion Ratio Lower Upper
99 100
42 19.8 20.5 30.7#
71 38.8 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 11.898 ng
RT: 9.378 min Scan# 1002
Delta R.T. 0.368 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion: 70 Resp: 19620
Ion Ratio Lower Upper
70 100
42 39.4 54.5 81.7#
101 0.0 9.0 13.6#
130 1.8 17.0 25.6#

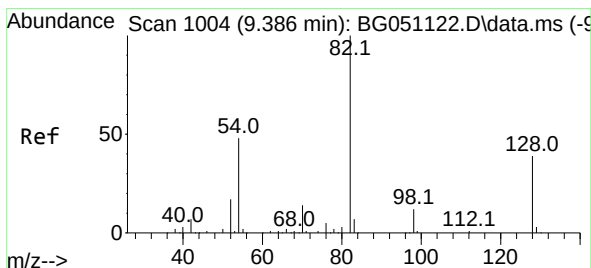
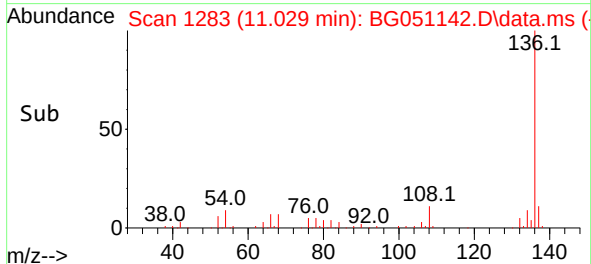
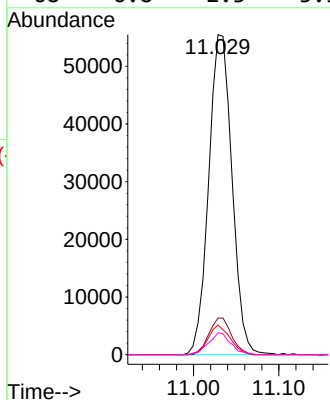
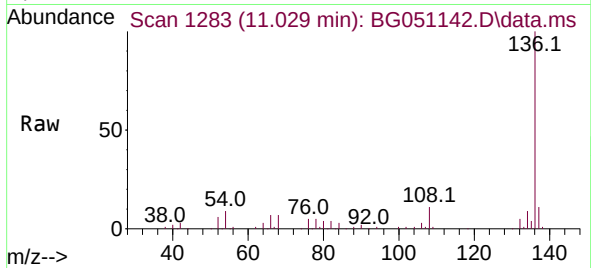




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1103
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

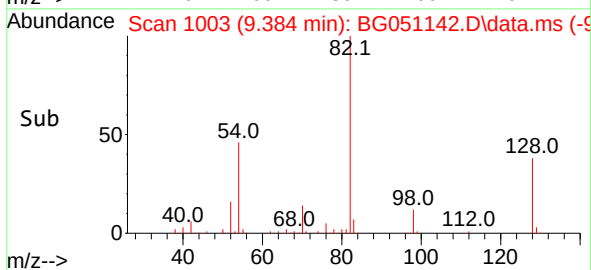
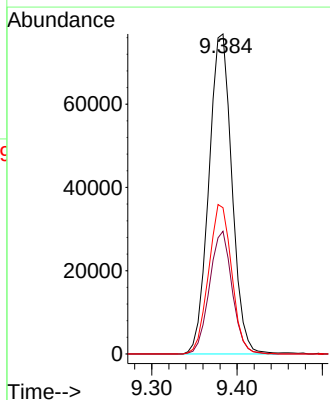
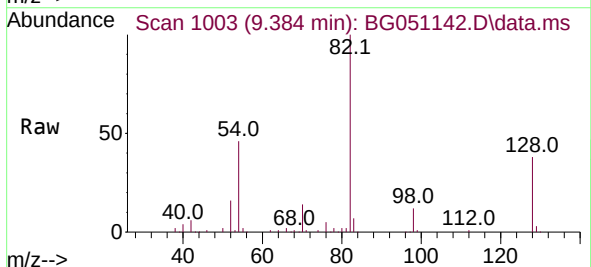
Instrument :
BNA_G
ClientSampleId :
TP10

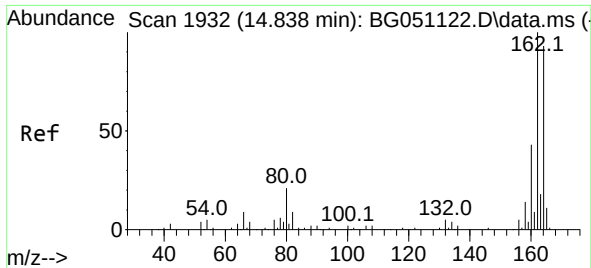
Tgt Ion:	136	Resp:	105570
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.2	12.2
54	9.2	5.5	8.3#
68	6.8	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 62.460 ng
RT: 9.384 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:	82	Resp:	144449
Ion Ratio	Lower	Upper	
82	100		
128	38.4	29.8	44.6
54	45.7	45.8	68.8#

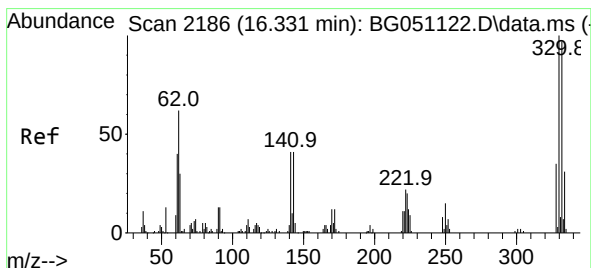
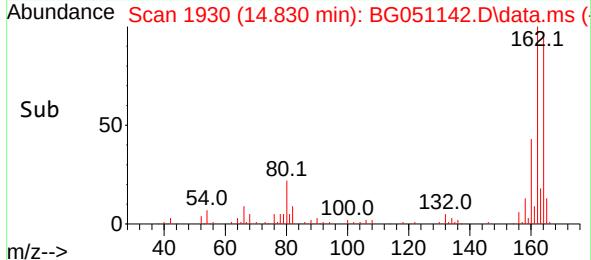
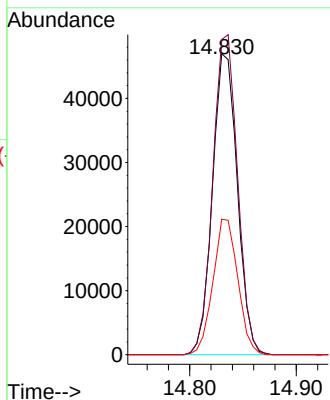
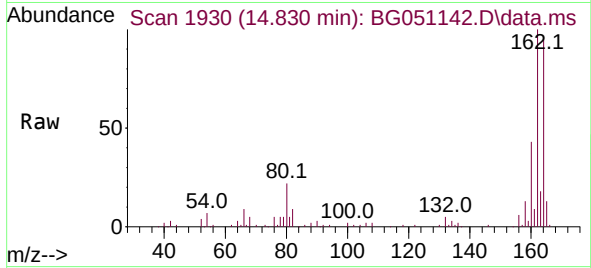




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1932
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

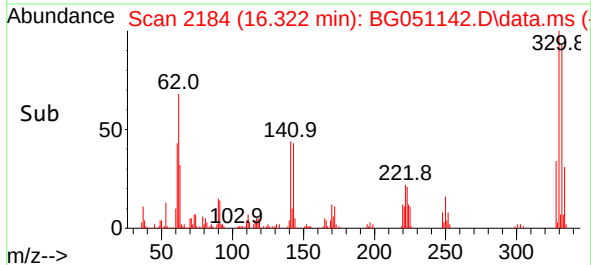
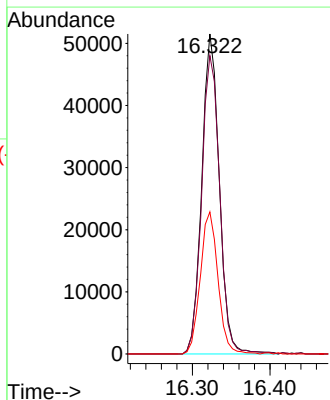
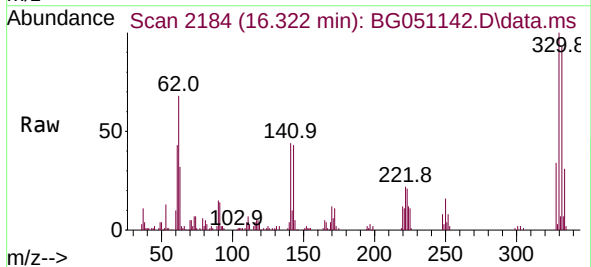
Instrument :
BNA_G
ClientSampleId :
TP10

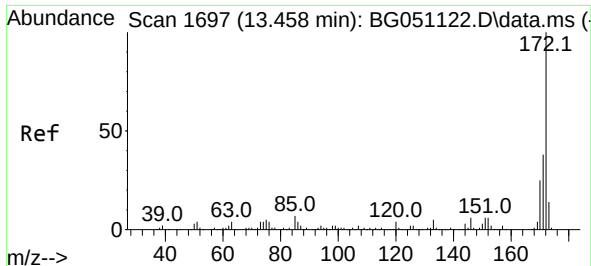
Tgt Ion:164 Resp: 76144
Ion Ratio Lower Upper
164 100
162 104.7 81.4 122.0
160 45.0 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 99.927 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:330 Resp: 80872
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 44.8 35.6 53.4

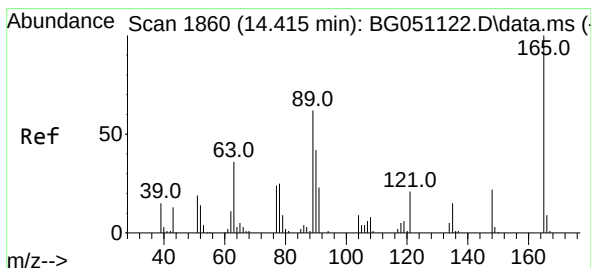
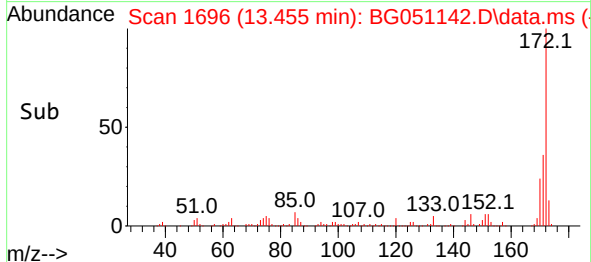
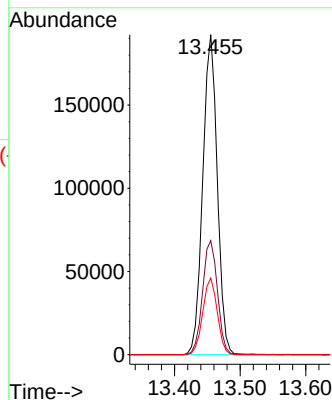
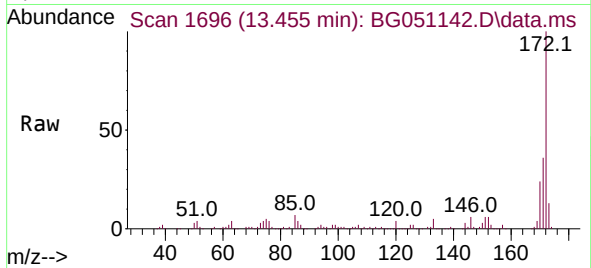




#45
2-Fluorobiphenyl
Concen: 58.729 ng
RT: 13.455 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

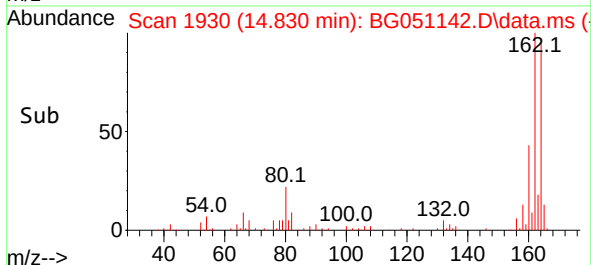
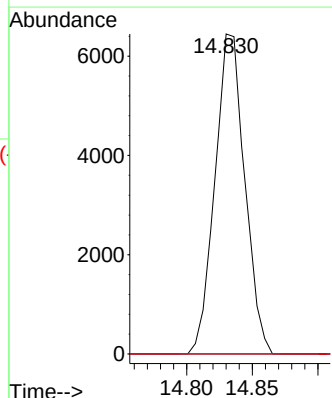
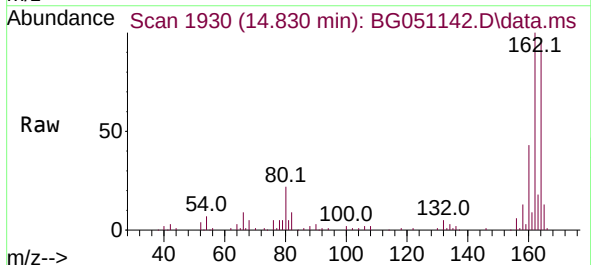
Instrument :
BNA_G
ClientSampleId :
TP10

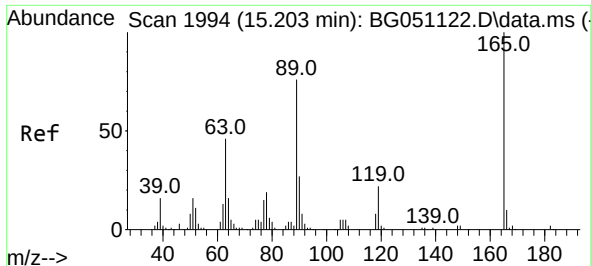
Tgt Ion:172 Resp: 296352
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 24.0 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.312 ng
RT: 14.830 min Scan# 1930
Delta R.T. 0.415 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:165 Resp: 10184
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: 5.803 ng

RT: 14.830 min Scan# 1994

Delta R.T. -0.373 min

Lab File: BG051142.D

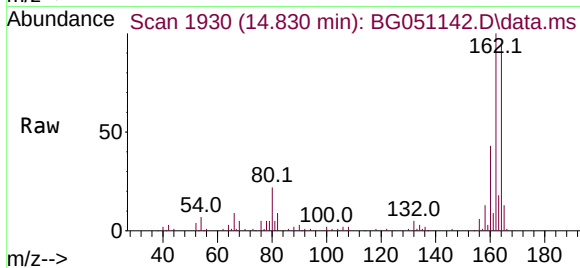
Acq: 20 Nov 2021 4:10

Instrument :

BNA_G

ClientSampleId :

TP10



Tgt Ion:165 Resp: 10184

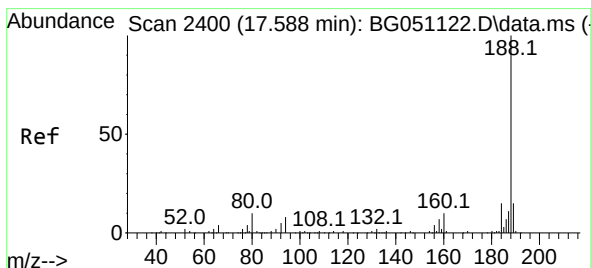
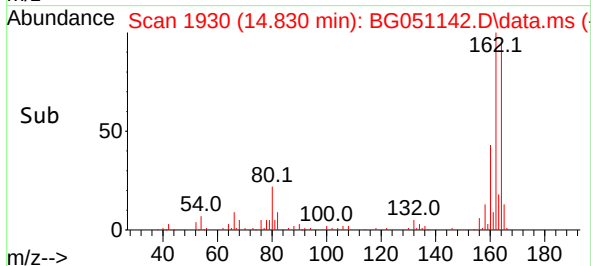
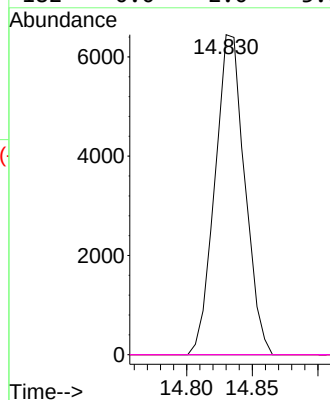
Ion Ratio Lower Upper

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: 17.580 min Scan# 2398

Delta R.T. -0.008 min

Lab File: BG051142.D

Acq: 20 Nov 2021 4:10

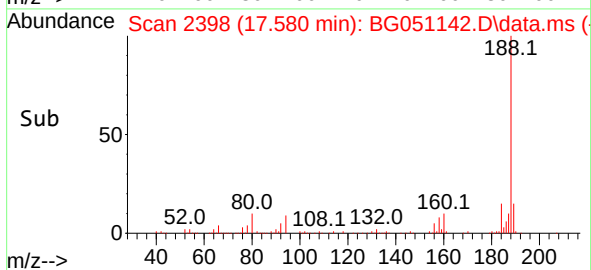
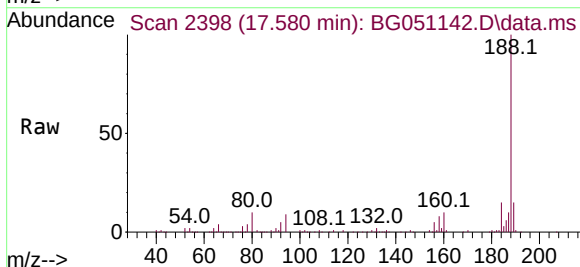
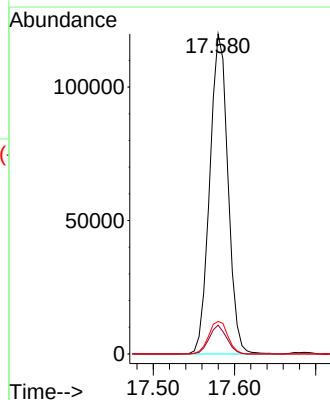
Tgt Ion:188 Resp: 186191

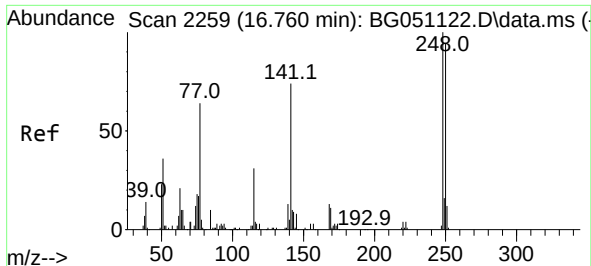
Ion Ratio Lower Upper

188 100

94 9.0 5.4 8.0#

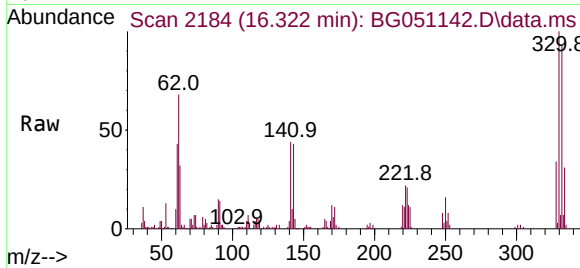
80 10.2 3.7 5.5#



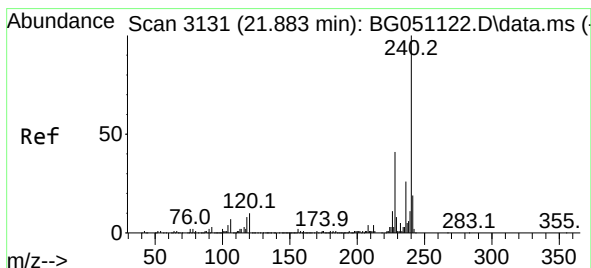
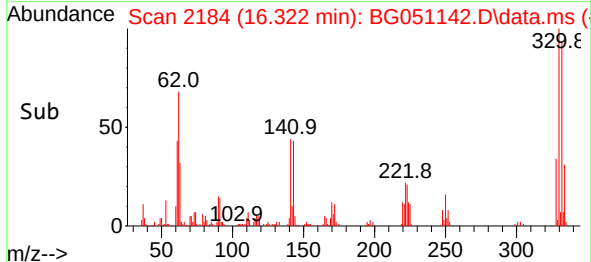
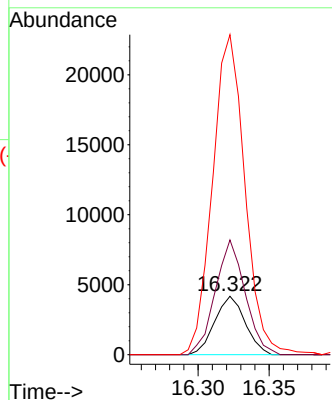


#67
4-Bromophenyl-phenylether
Concen: 3.090 ng
RT: 16.322 min Scan# 2184
Delta R.T. -0.437 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Instrument :
BNA_G
ClientSampleId :
TP10

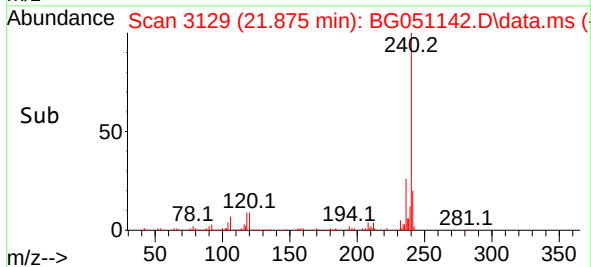
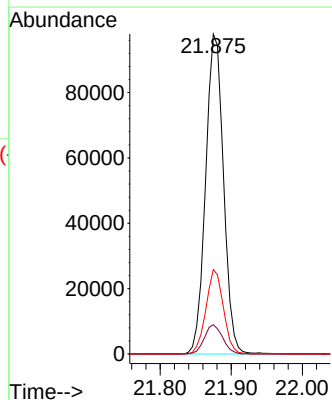
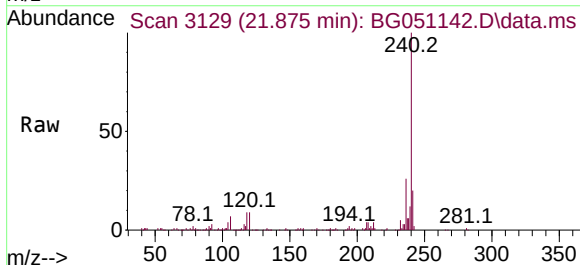


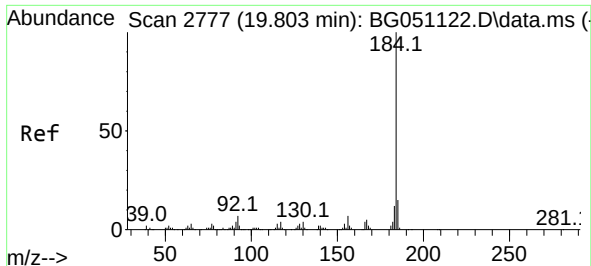
Tgt Ion:248 Resp: 6223
Ion Ratio Lower Upper
248 100
250 196.4 76.1 114.1#
141 547.5 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.875 min Scan# 3129
Delta R.T. -0.008 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:240 Resp: 171499
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 26.4 21.8 32.6

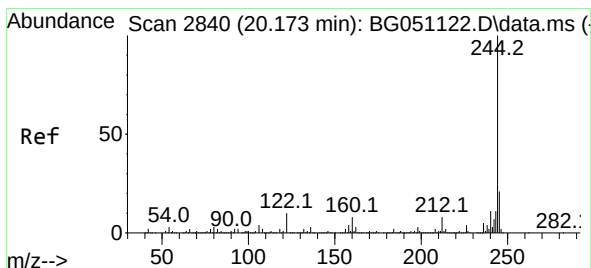
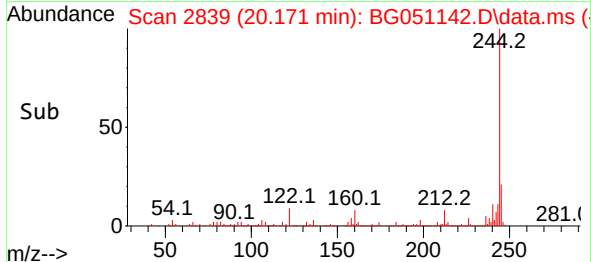
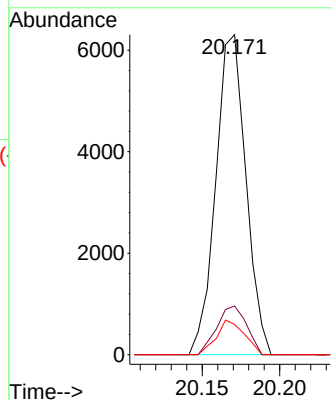
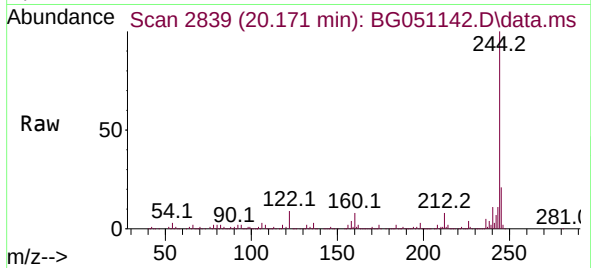




#77
Benzidine
Concen: 3.027 ng
RT: 20.171 min Scan# 2839
Delta R.T. 0.368 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

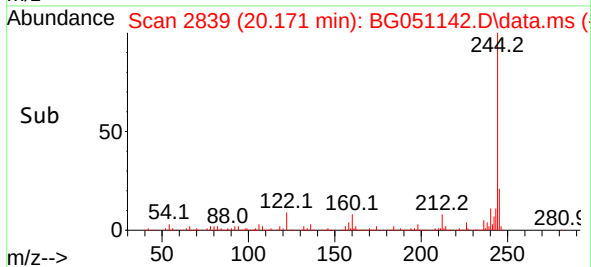
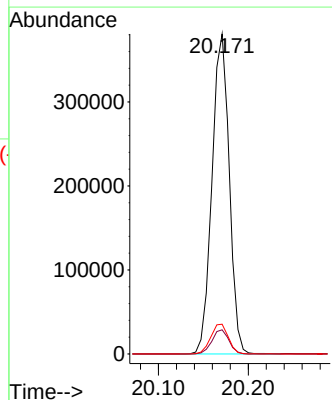
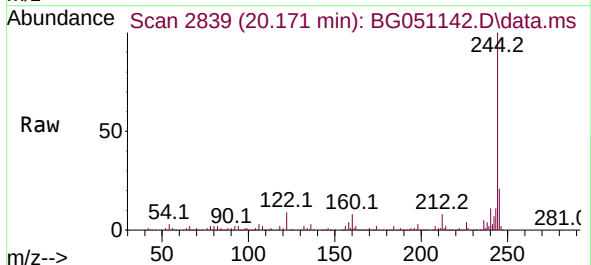
Instrument :
BNA_G
ClientSampleId :
TP10

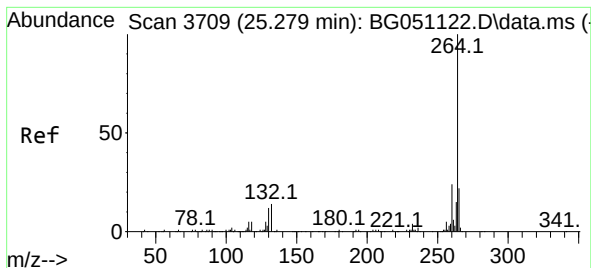
Tgt Ion:184 Resp: 8525
Ion Ratio Lower Upper
184 100
185 15.2 10.7 16.1
183 9.5 9.4 14.0



#79
Terphenyl-d14
Concen: 54.126 ng
RT: 20.171 min Scan# 2839
Delta R.T. -0.003 min
Lab File: BG051142.D
Acq: 20 Nov 2021 4:10

Tgt Ion:244 Resp: 507769
Ion Ratio Lower Upper
244 100
212 7.5 6.9 10.3
122 9.3 5.0 7.6#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.277 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG051142.D

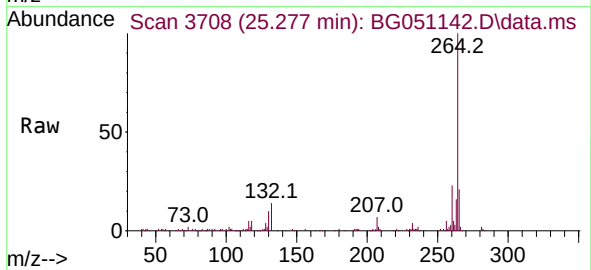
Acq: 20 Nov 2021 4:10

Instrument :

BNA_G

ClientSampleId :

TP10



Tgt Ion:264 Resp: 169026

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.2

265 20.7 16.9 25.3

