

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051051.D
 Acq On : 15 Nov 2021 21:27
 Operator : CG/JU
 Sample : M4681-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 16 00:41:14 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)

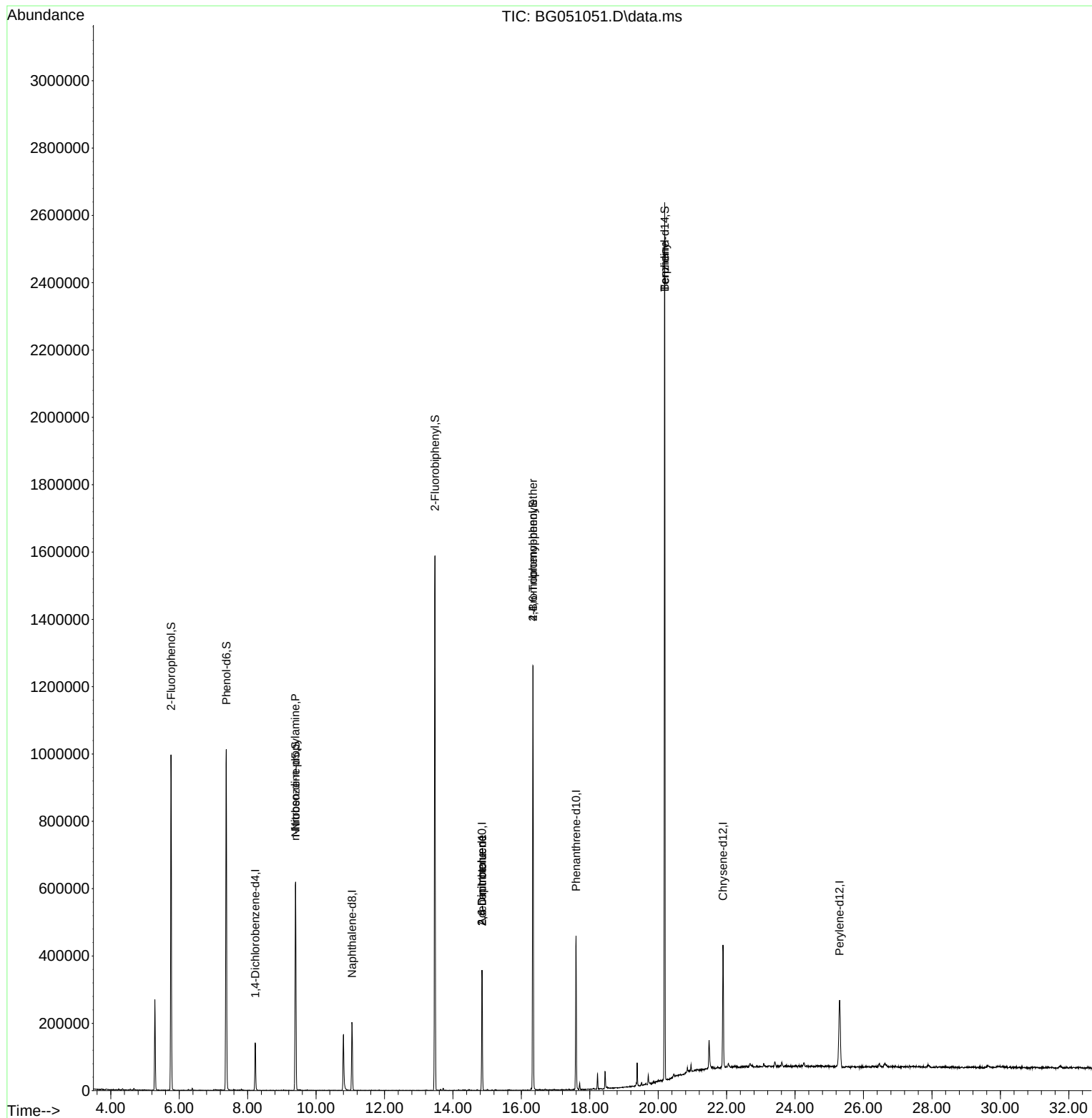
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	38545	20.000	ng	0.00
21) Naphthalene-d8	11.048	136	176195	20.000	ng	# 0.00
39) Acenaphthene-d10	14.850	164	125899	20.000	ng	0.00
64) Phenanthrene-d10	17.599	188	278353	20.000	ng	# 0.00
76) Chrysene-d12	21.894	240	220856	20.000	ng	# 0.00
86) Perylene-d12	25.302	264	215608	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.760	112	425535	165.147	ng	0.00
7) Phenol-d6	7.376	99	590363	162.326	ng	0.00
23) Nitrobenzene-d5	9.403	82	411062	103.274	ng	0.00
42) 2,4,6-Tribromophenol	16.342	330	202002	160.331	ng	0.00
45) 2-Fluorobiphenyl	13.475	172	788645	98.975	ng	0.00
79) Terphenyl-d14	20.190	244	1156443	95.811	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.397	70	57557	21.415	ng	# 67
51) 2,6-Dinitrotoluene	14.850	165	15921	7.809	ng	# 11
57) 2,4-Dinitrotoluene	14.850	165	15921	5.504	ng	# 17
67) 4-Bromophenyl-phenylether	16.342	248	16023	5.495	ng	# 1
77) Benzidine	20.190	184	21746	5.209	ng	# 95

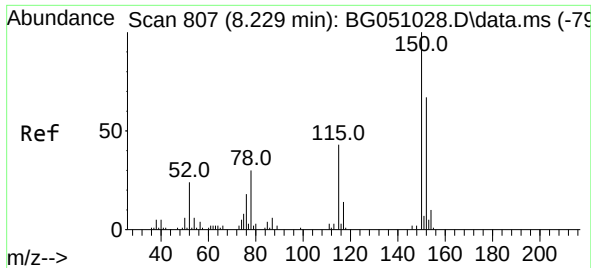
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051051.D
Acq On : 15 Nov 2021 21:27
Operator : CG/JU
Sample : M4681-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMP-1

Quant Time: Nov 16 00:41:14 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

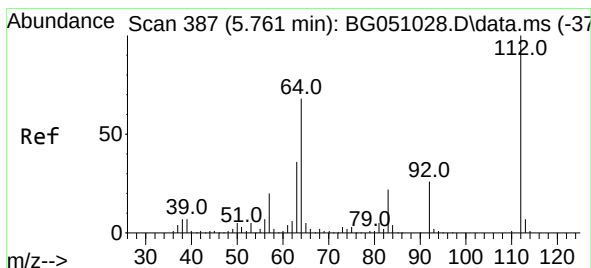
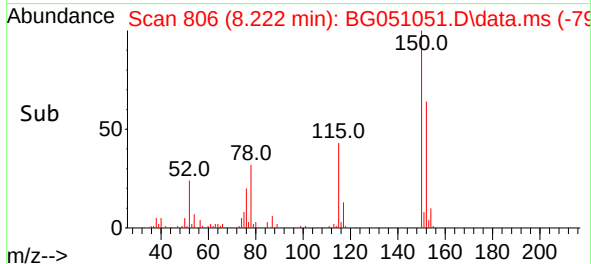
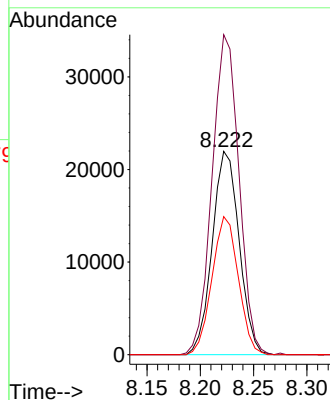
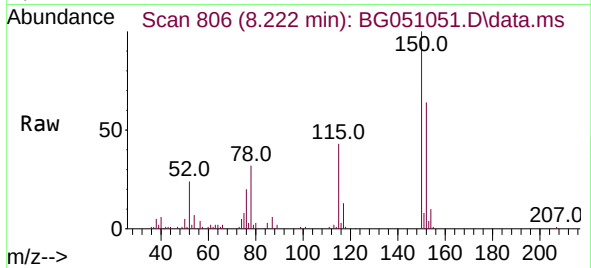




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 807
Delta R.T. -0.007 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

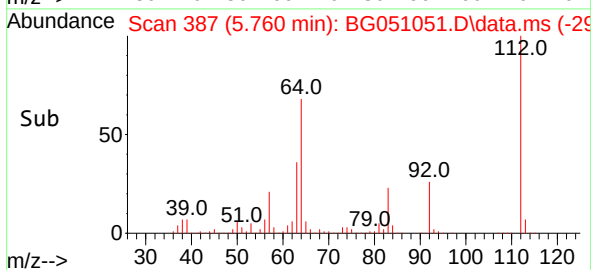
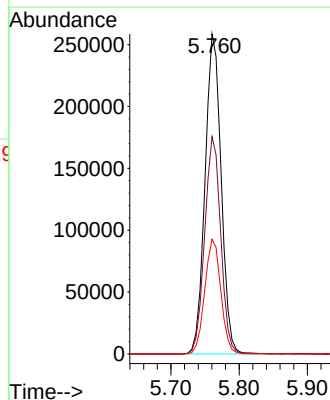
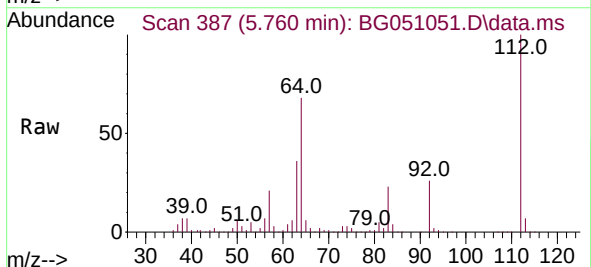
Instrument :
BNA_G
ClientSampleId :
COMP-1

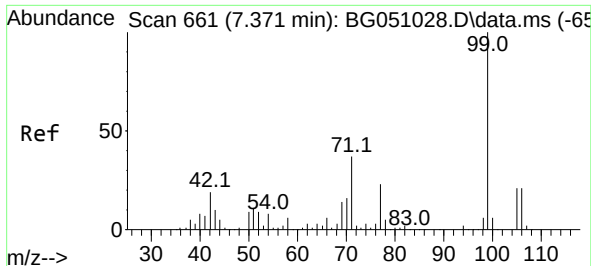
Tgt Ion:152 Resp: 38545
Ion Ratio Lower Upper
152 100
150 157.4 119.4 179.0
115 67.9 60.2 90.4



#5
2-Fluorophenol
Concen: 165.147 ng
RT: 5.760 min Scan# 387
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:112 Resp: 425535
Ion Ratio Lower Upper
112 100
64 67.9 46.7 70.1
63 35.8 35.3 52.9

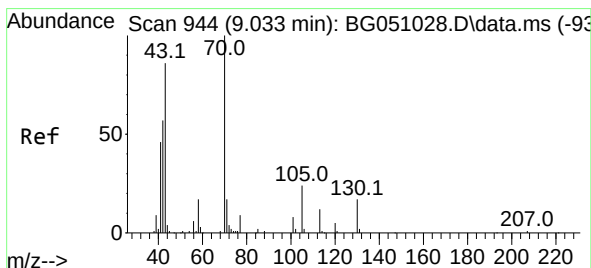
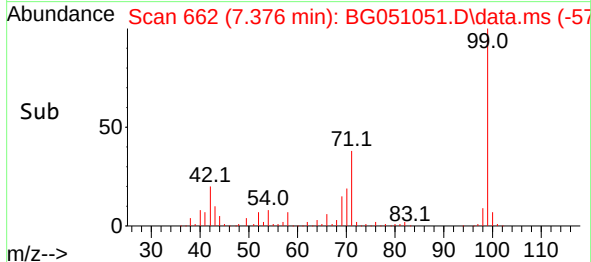
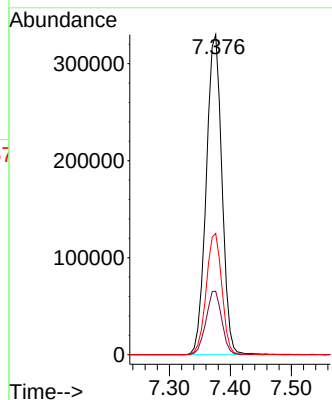
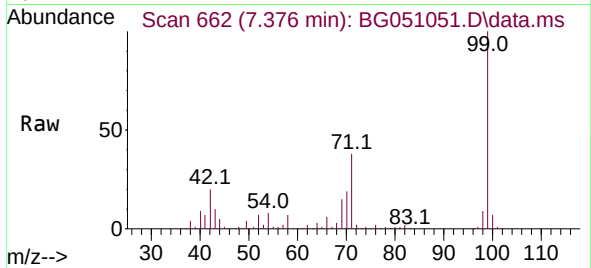




#7
Phenol-d6
Concen: 162.326 ng
RT: 7.376 min Scan# 60
Delta R.T. 0.005 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

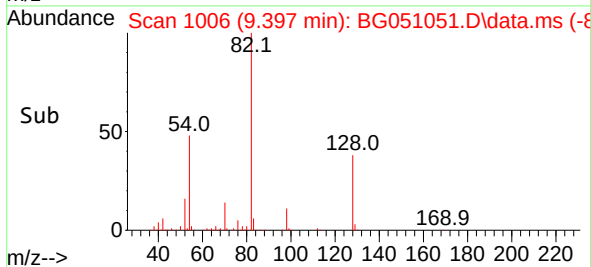
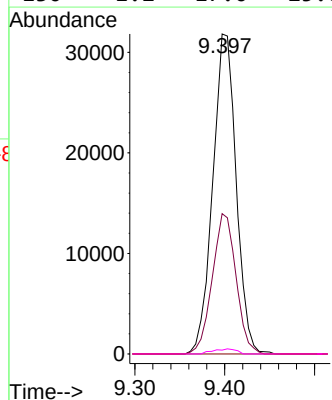
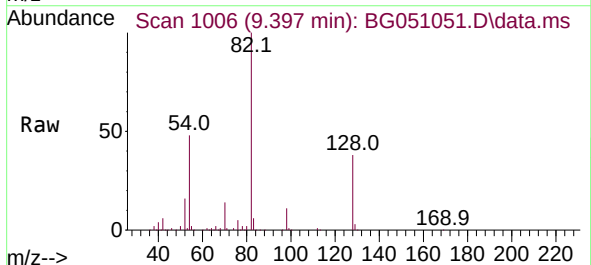
Instrument :
BNA_G
ClientSampleId :
COMP-1

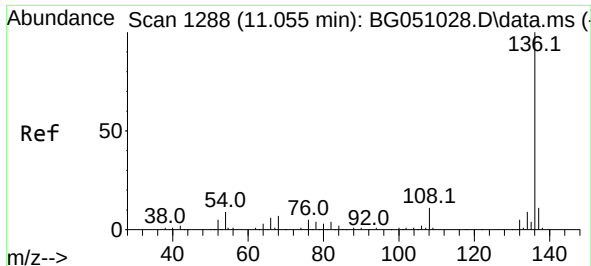
Tgt Ion: 99 Resp: 590363
Ion Ratio Lower Upper
99 100
42 19.9 20.5 30.7#
71 37.9 41.5 62.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.415 ng
RT: 9.397 min Scan# 1006
Delta R.T. 0.364 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion: 70 Resp: 57557
Ion Ratio Lower Upper
70 100
42 43.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.2 17.0 25.6#

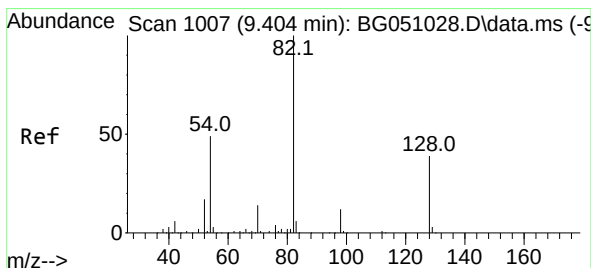
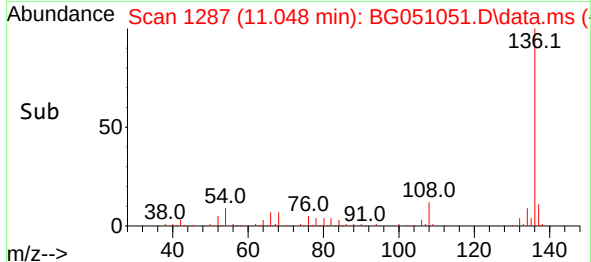
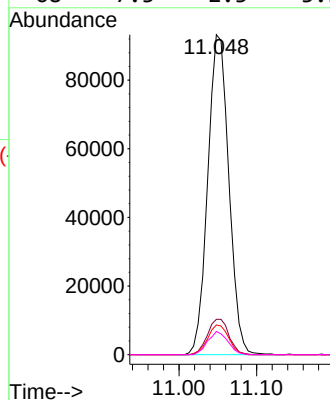
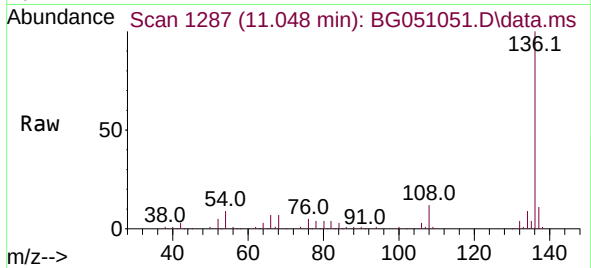




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.048 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

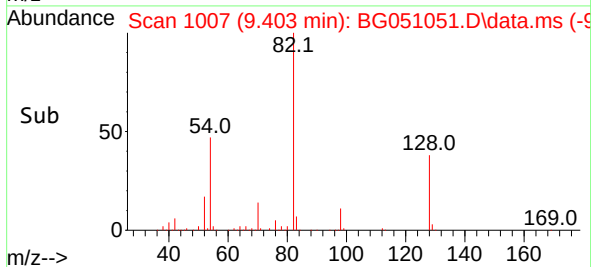
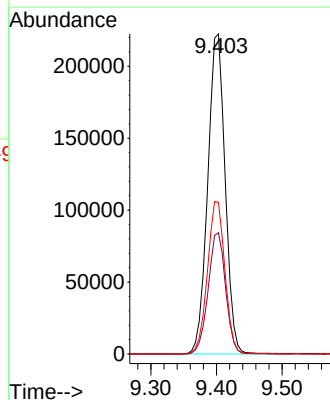
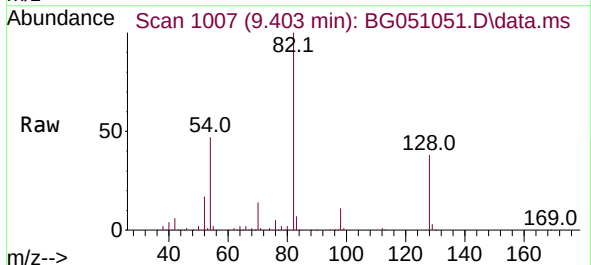
Instrument :
BNA_G
ClientSampleId :
COMP-1

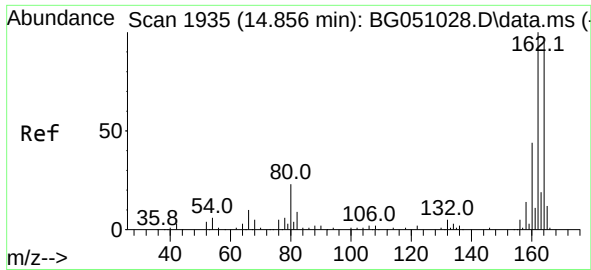
Tgt Ion:	136	Resp:	176195
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.2	12.2
54	9.3	5.5	8.3#
68	7.3	2.3	3.5#



#23
Nitrobenzene-d5
Concen: 103.274 ng
RT: 9.403 min Scan# 1007
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:	82	Resp:	411062
Ion Ratio	Lower	Upper	
82	100		
128	37.9	29.8	44.6
54	47.4	45.8	68.8

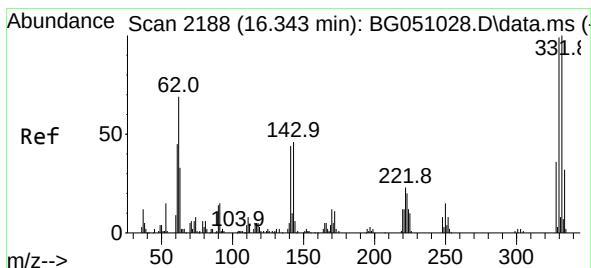
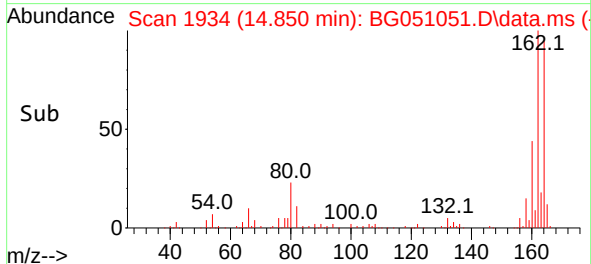
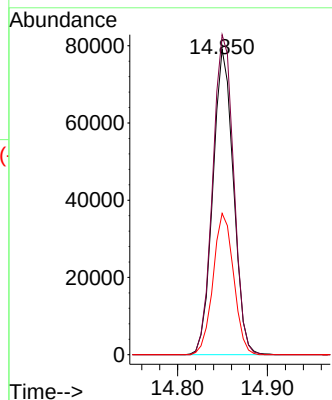
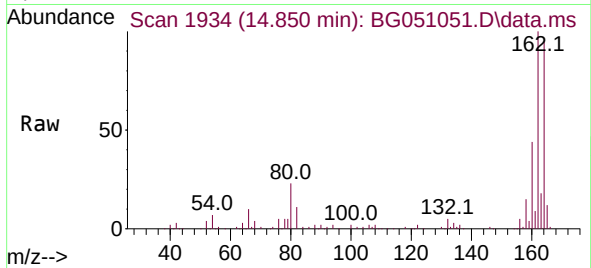




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

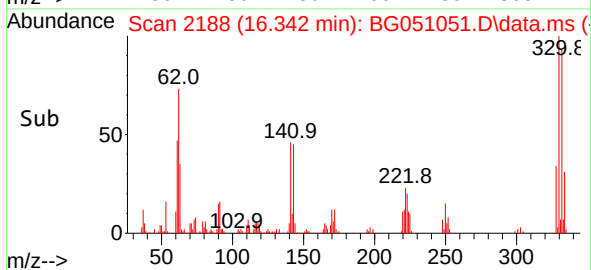
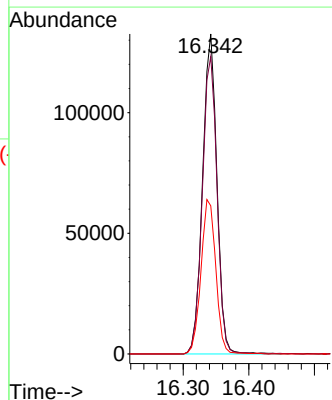
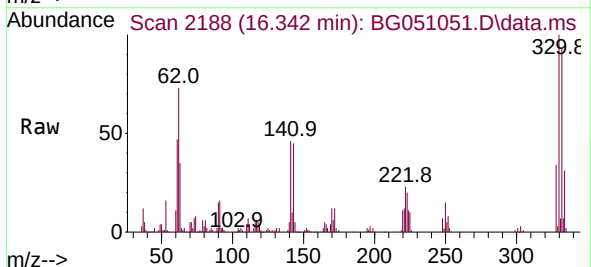
Instrument :
BNA_G
ClientSampleId :
COMP-1

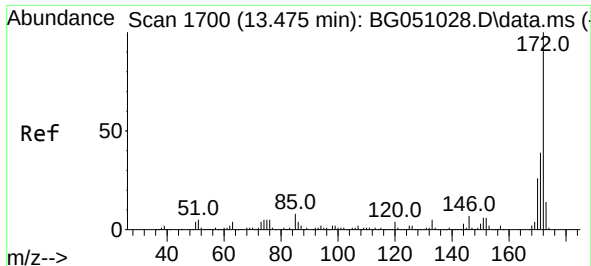
Tgt Ion:164 Resp: 125899
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 46.3 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 160.331 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:330 Resp: 202002
Ion Ratio Lower Upper
330 100
332 95.3 77.3 115.9
141 49.8 35.6 53.4





#45

2-Fluorobiphenyl

Concen: 98.975 ng

RT: 13.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG051051.D

Acq: 15 Nov 2021 21:27

Instrument :

BNA_G

ClientSampleId :

COMP-1

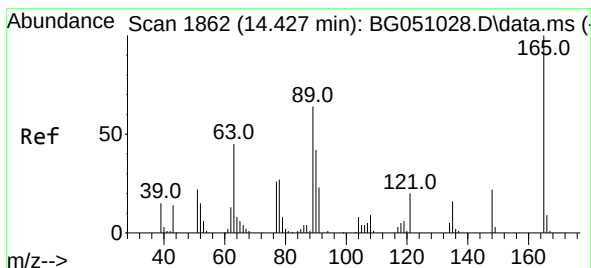
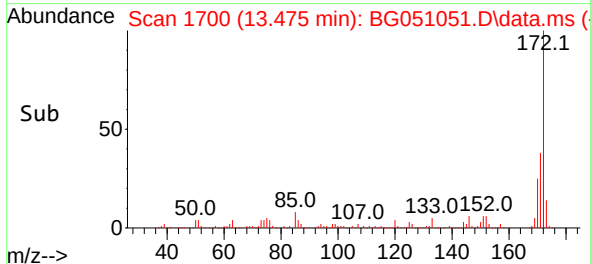
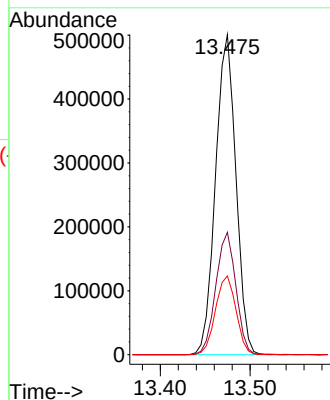
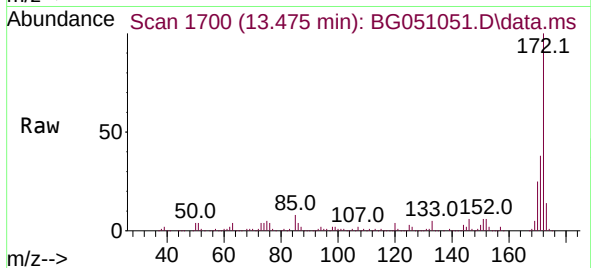
Tgt Ion:172 Resp: 788645

Ion Ratio Lower Upper

172 100

171 38.2 28.6 43.0

170 24.6 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 7.809 ng

RT: 14.850 min Scan# 1934

Delta R.T. 0.423 min

Lab File: BG051051.D

Acq: 15 Nov 2021 21:27

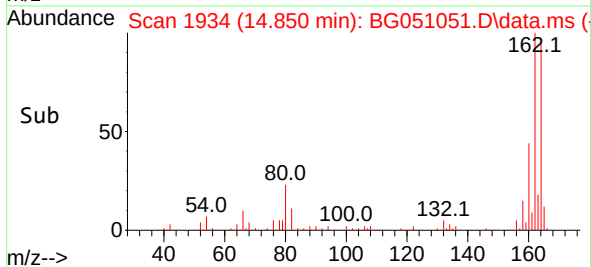
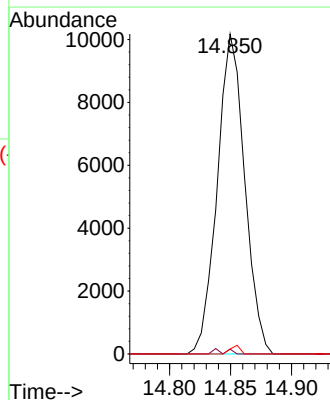
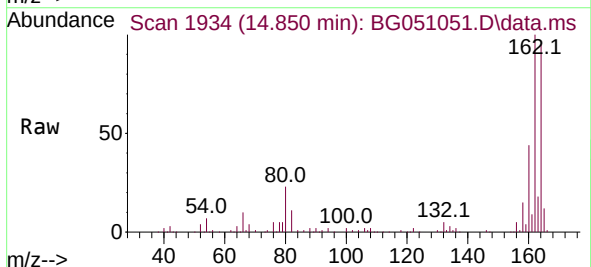
Tgt Ion:165 Resp: 15921

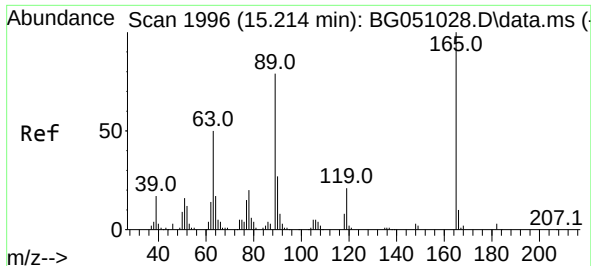
Ion Ratio Lower Upper

165 100

63 1.5 63.3 94.9#

89 1.5 63.4 95.0#

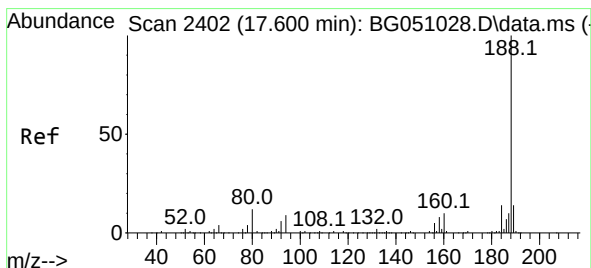
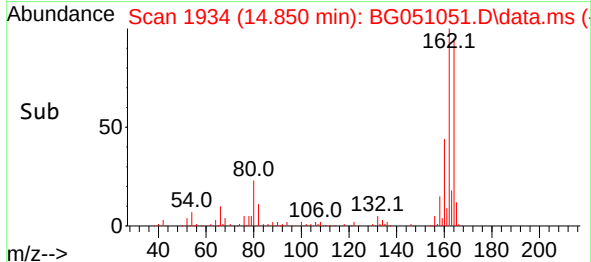
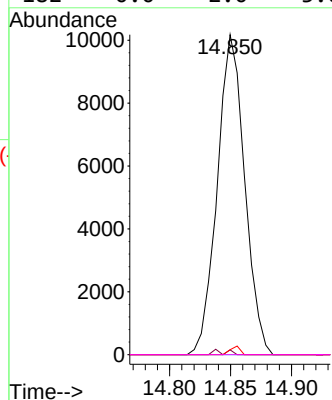
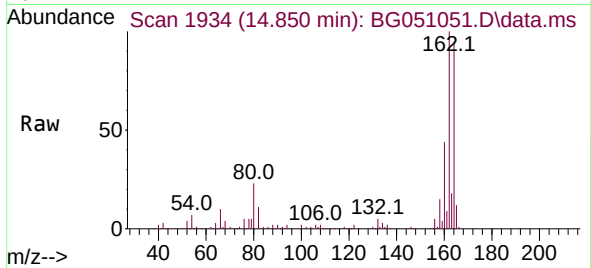




#57
2,4-Dinitrotoluene
Concen: 5.504 ng
RT: 14.850 min Scan# 1934
Delta R.T. -0.365 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

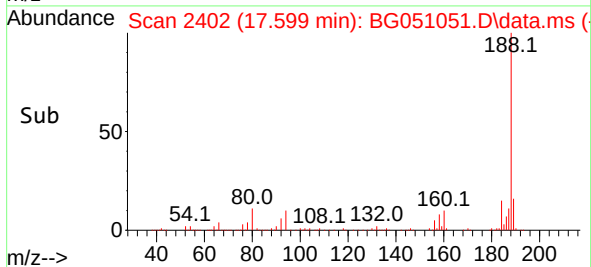
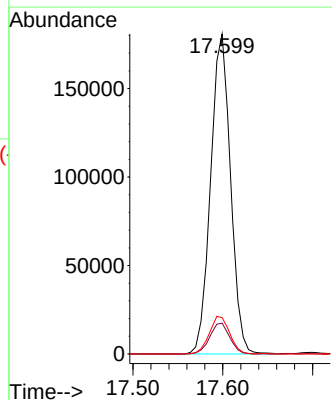
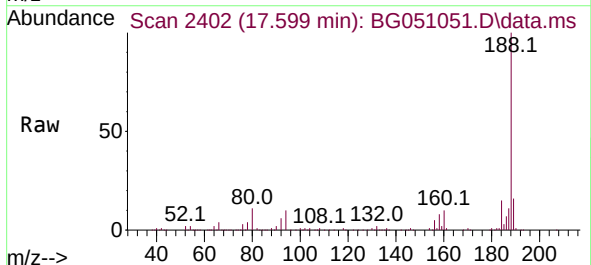
Instrument :
BNA_G
ClientSampleId :
COMP-1

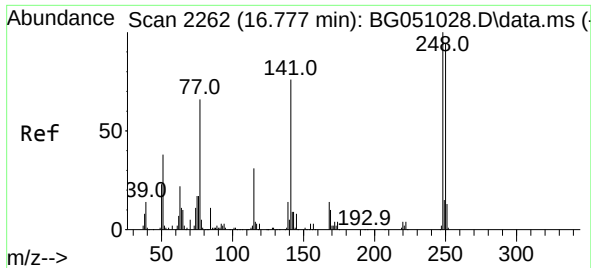
Tgt Ion:	165	Resp:	15921
Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.0	72.0#
89	1.5	65.4	98.0#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.599 min Scan# 2402
Delta R.T. -0.001 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:	188	Resp:	278353
Ion	Ratio	Lower	Upper
188	100		
94	9.6	5.4	8.0#
80	11.4	3.7	5.5#

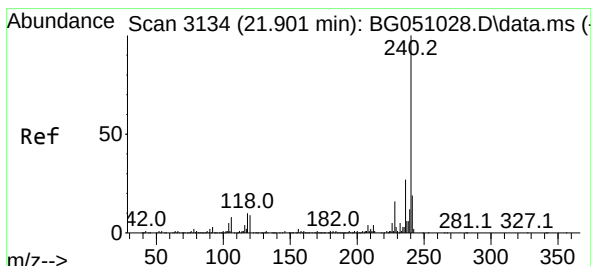
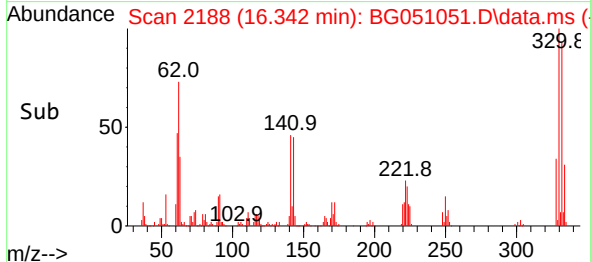
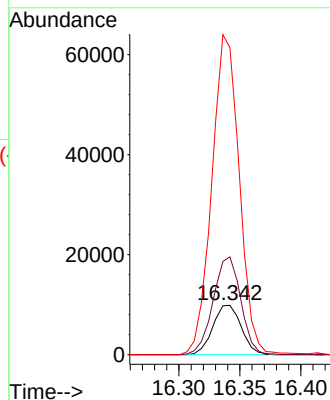
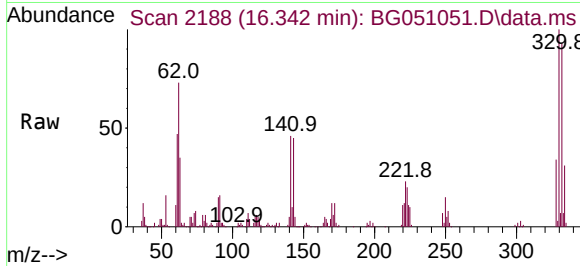




#67
4-Bromophenyl-phenylether
Concen: 5.495 ng
RT: 16.342 min Scan# 2188
Delta R.T. -0.435 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

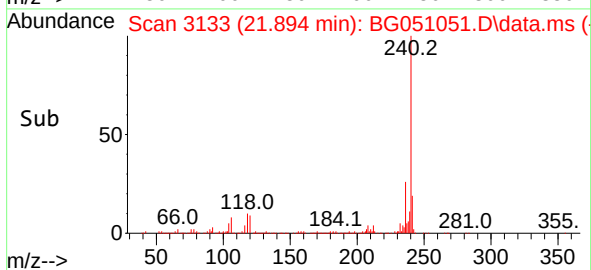
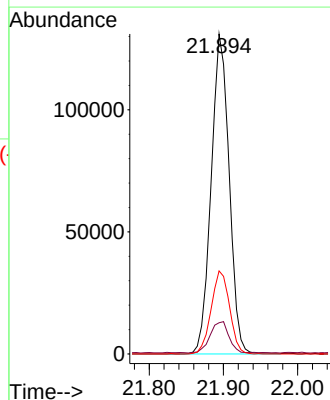
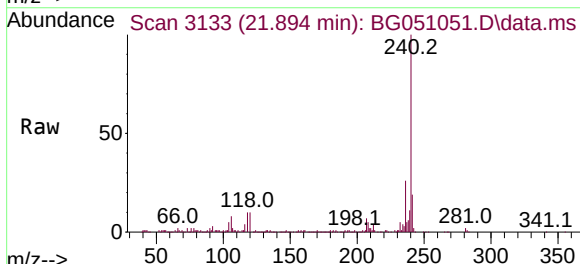
Instrument :
BNA_G
ClientSampleId :
COMP-1

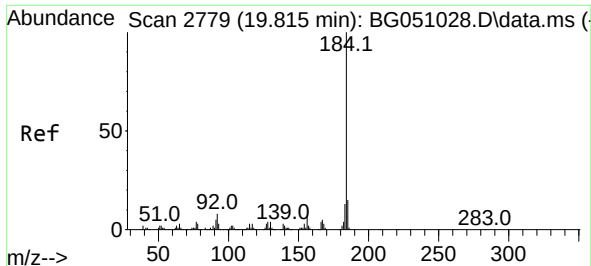
Tgt Ion:248 Resp: 16023
Ion Ratio Lower Upper
248 100
250 198.2 76.1 114.1#
141 622.2 65.4 98.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.894 min Scan# 3133
Delta R.T. -0.006 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:240 Resp: 220856
Ion Ratio Lower Upper
240 100
120 9.8 4.2 6.2#
236 25.9 21.8 32.6

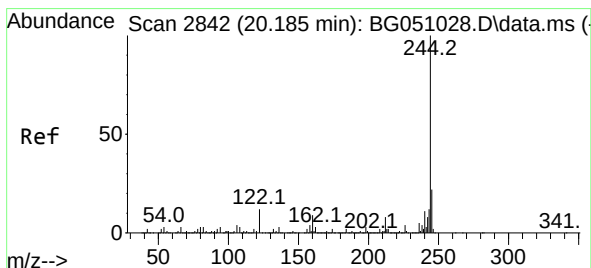
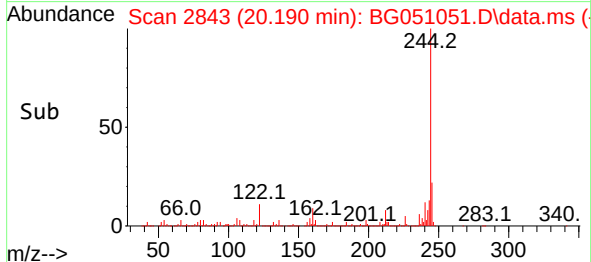
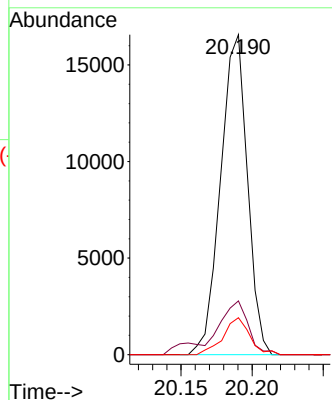
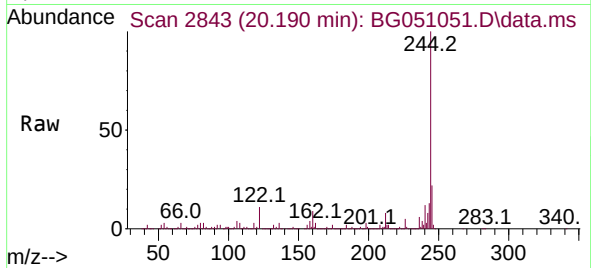




#77
Benzidine
Concen: 5.209 ng
RT: 20.190 min Scan# 2843
Delta R.T. 0.375 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

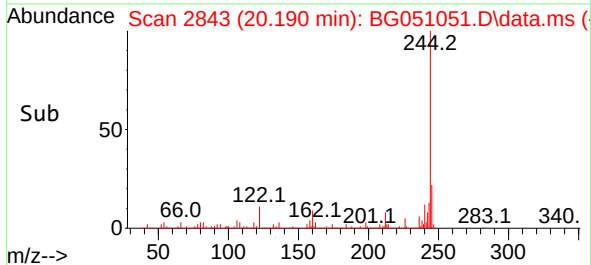
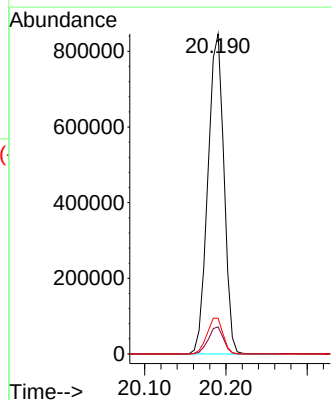
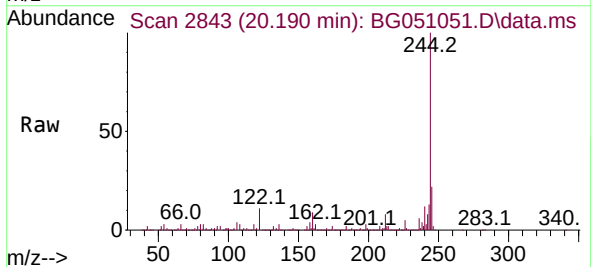
Instrument :
BNA_G
ClientSampleId :
COMP-1

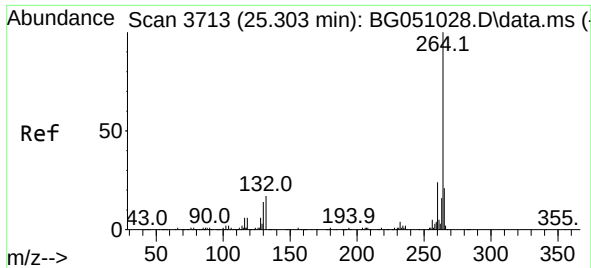
Tgt Ion:184 Resp: 21746
Ion Ratio Lower Upper
184 100
185 16.8 10.7 16.1#
183 11.5 9.4 14.0



#79
Terphenyl-d14
Concen: 95.811 ng
RT: 20.190 min Scan# 2843
Delta R.T. 0.005 min
Lab File: BG051051.D
Acq: 15 Nov 2021 21:27

Tgt Ion:244 Resp: 1156443
Ion Ratio Lower Upper
244 100
212 8.4 6.9 10.3
122 11.1 5.0 7.6#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.302 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG051051.D
 Acq: 15 Nov 2021 21:27

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:264 Resp: 215608
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.7 16.9 25.3

