

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061051.D
 Acq On : 29 Apr 2024 17:39
 Operator : MA/JU
 Sample : P2270-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 18:35:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

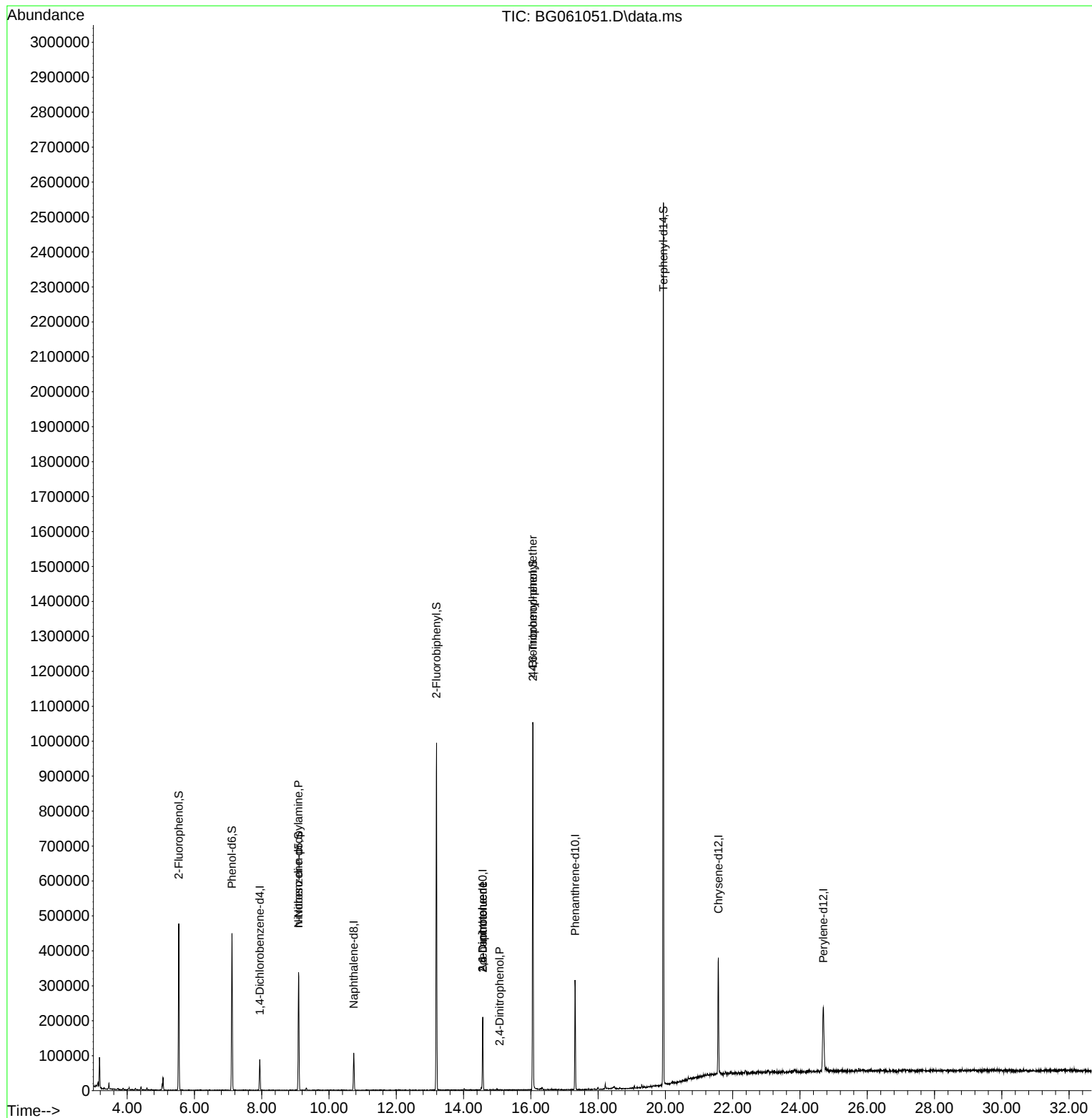
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	21801	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	82958	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	74214	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	200051	20.000	ng	0.00
76) Chrysene-d12	21.574	240	206226	20.000	ng	# 0.00
86) Perylene-d12	24.694	264	229710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	160083	148.529	ng	0.00
7) Phenol-d6	7.114	99	195235	122.087	ng	0.00
23) Nitrobenzene-d5	9.094	82	165026	89.376	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	237544	145.761	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	496063	92.510	ng	0.00
79) Terphenyl-d14	19.940	244	1313323	98.852	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.094	70	25450	21.355	ng	# 70
51) 2,6-Dinitrotoluene	14.570	165	9485	7.428	ng	# 16
54) 2,4-Dinitrophenol	15.070	184	59	5.631	ng	# 12
57) 2,4-Dinitrotoluene	14.570	165	9485	5.157	ng	# 20
67) 4-Bromophenyl-phenylether	16.057	248	14813	5.611	ng	# 1

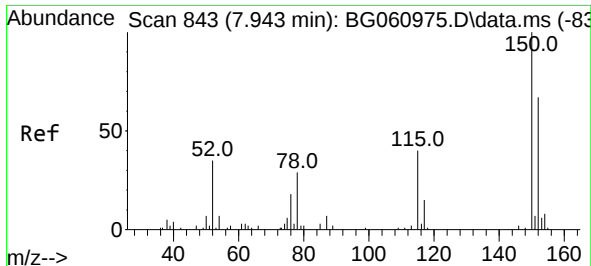
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
Data File : BG061051.D
Acq On : 29 Apr 2024 17:39
Operator : MA/JU
Sample : P2270-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Apr 29 18:35:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

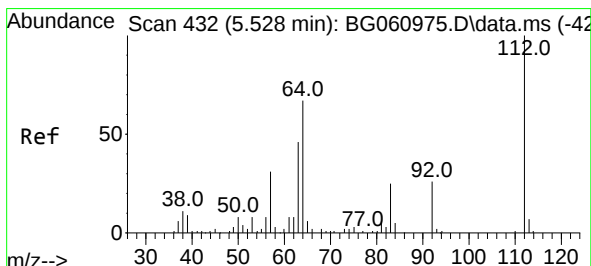
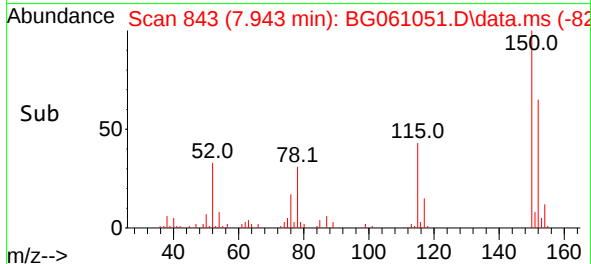
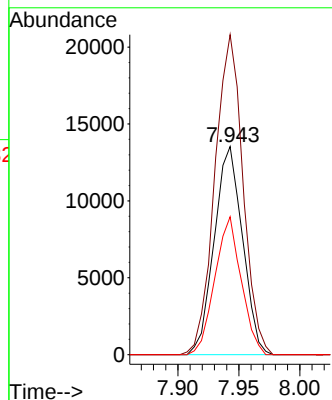
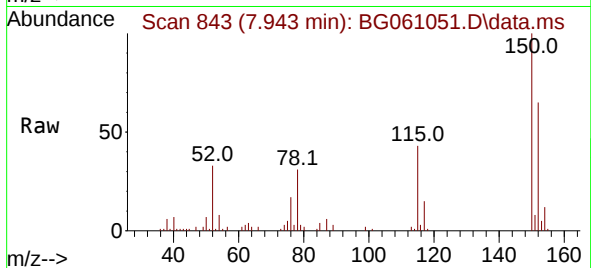




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

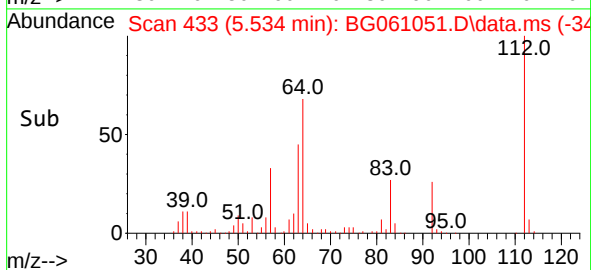
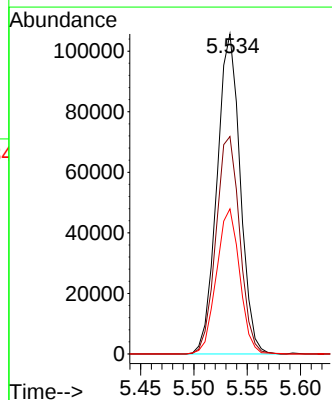
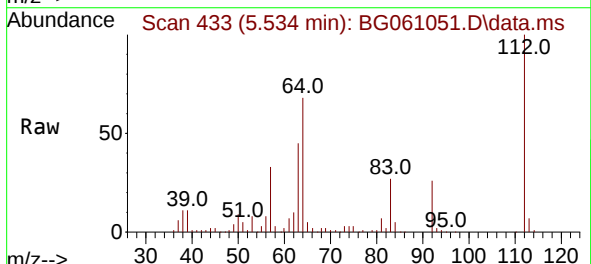
Instrument :
BNA_G
ClientSampleId :

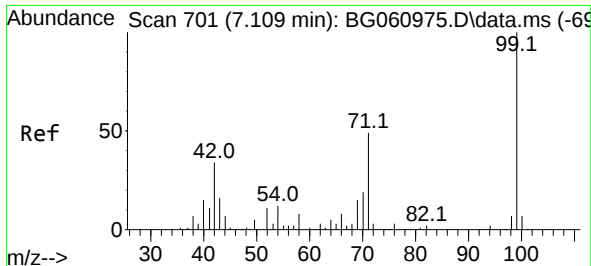
Tgt Ion:152 Resp: 21801
Ion Ratio Lower Upper
152 100
150 153.7 118.6 178.0
115 66.2 47.4 71.0



#5
2-Fluorophenol
Concen: 148.529 ng
RT: 5.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion:112 Resp: 160083
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 45.3 37.0 55.6

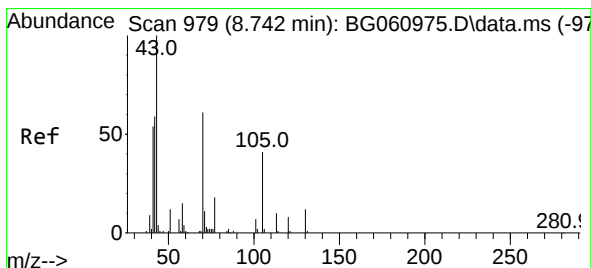
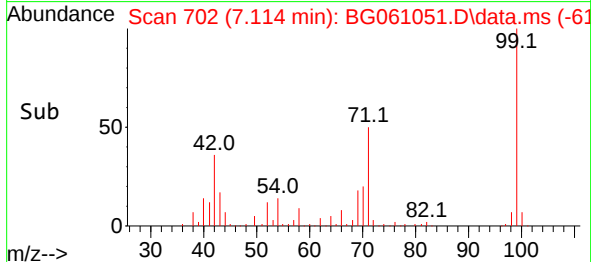
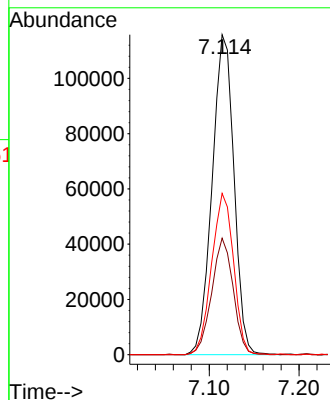
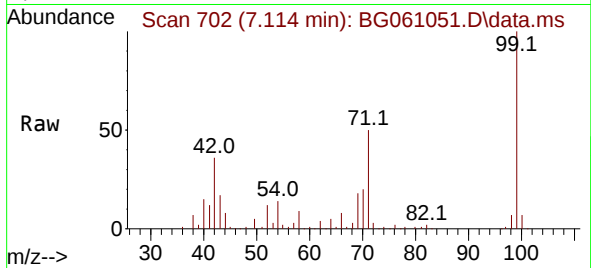




#7
Phenol-d6
Concen: 122.087 ng
RT: 7.114 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

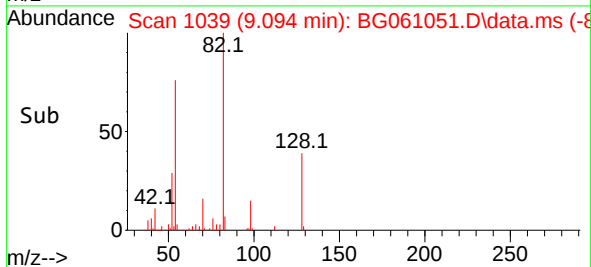
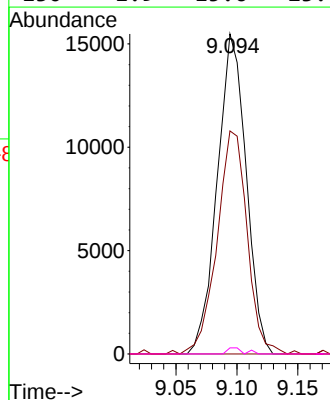
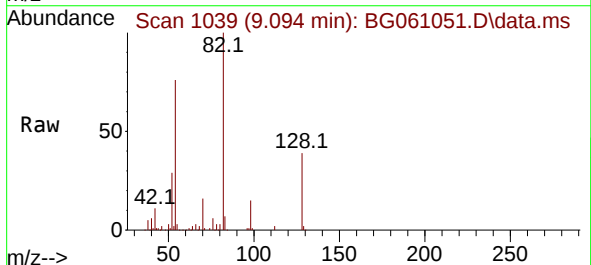
Instrument :
BNA_G
ClientSampleId :

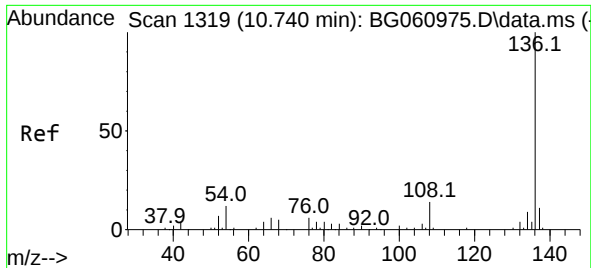
Tgt Ion: 99 Resp: 195235
Ion Ratio Lower Upper
99 100
42 36.4 27.2 40.8
71 50.4 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 21.355 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.352 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion: 70 Resp: 25450
Ion Ratio Lower Upper
70 100
42 69.7 78.0 117.0#
101 0.0 8.6 13.0#
130 1.9 15.6 23.4#

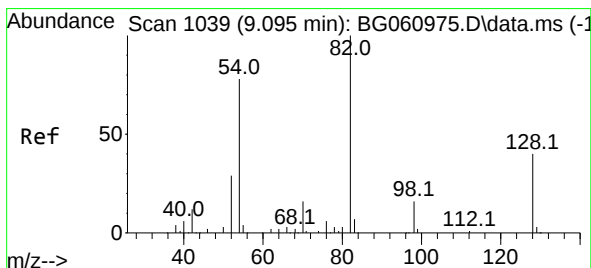
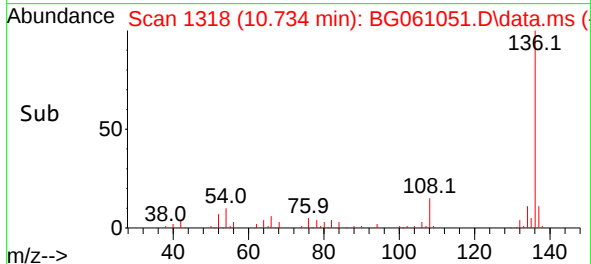
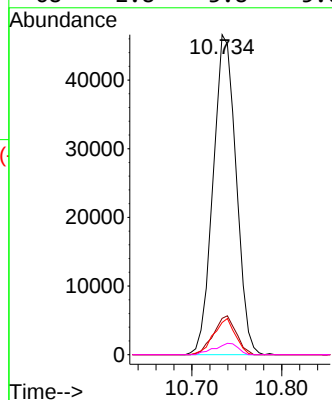
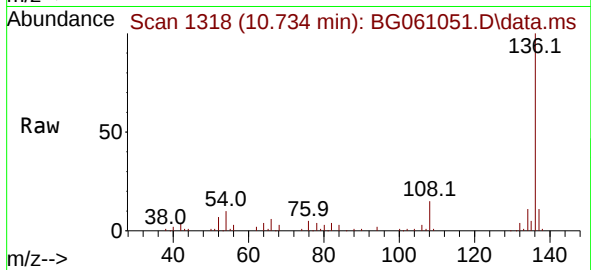




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

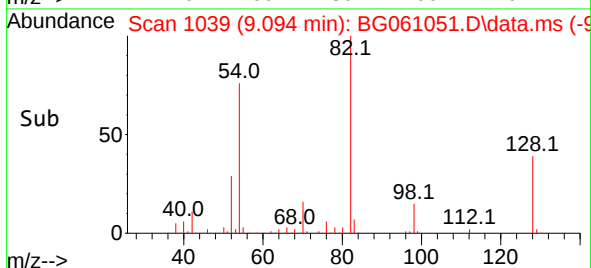
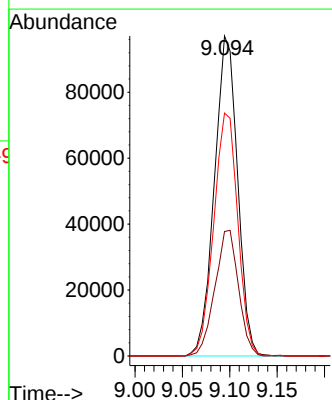
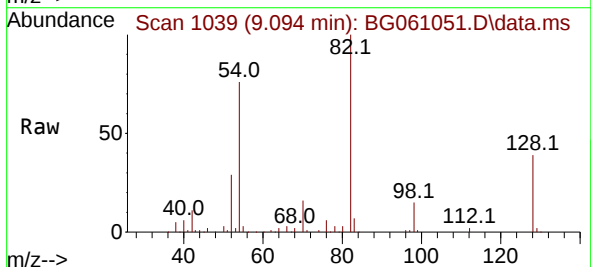
Instrument :
BNA_G
ClientSampleId :

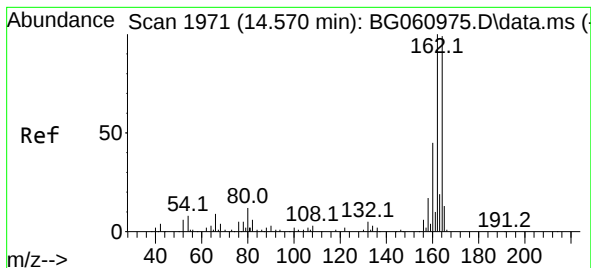
Tgt Ion:136 Resp: 82958
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.0 9.4 14.0
68 2.8 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 89.376 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion: 82 Resp: 165026
Ion Ratio Lower Upper
82 100
128 38.9 32.1 48.1
54 75.9 62.3 93.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.570 min Scan# 1971

Delta R.T. -0.000 min

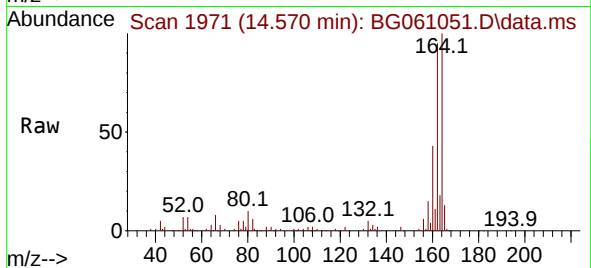
Lab File: BG061051.D

Acq: 29 Apr 2024 17:39

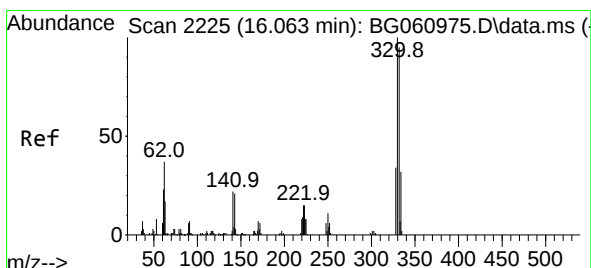
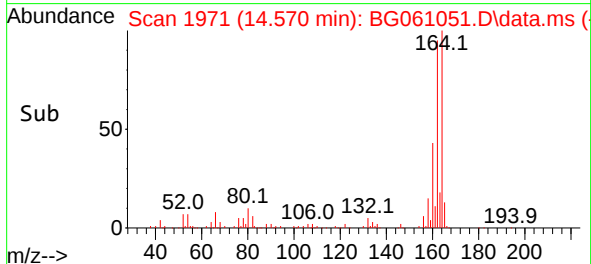
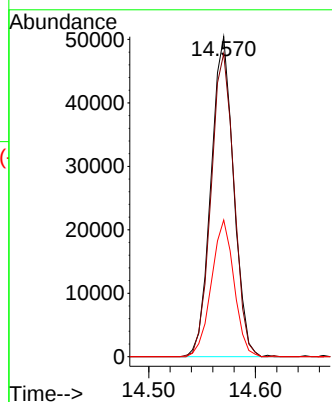
Instrument :

BNA_G

ClientSampleId :



Tgt Ion:164	Resp:	74214
Ion	Ratio	Lower Upper
164	100	
162	94.8	81.2 121.8
160	42.7	36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 145.761 ng

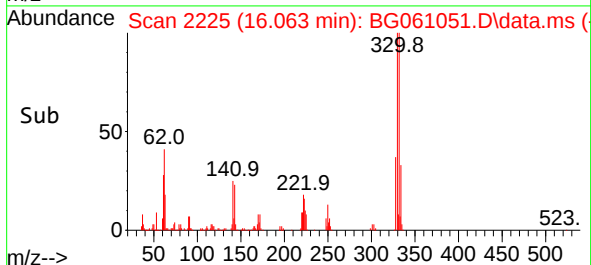
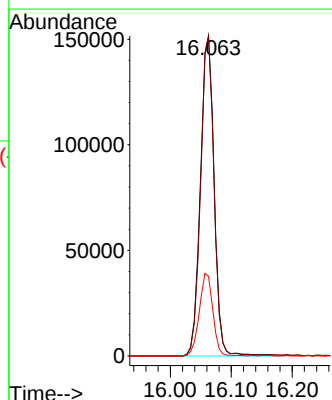
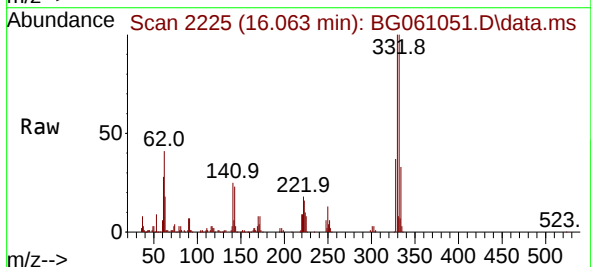
RT: 16.063 min Scan# 2225

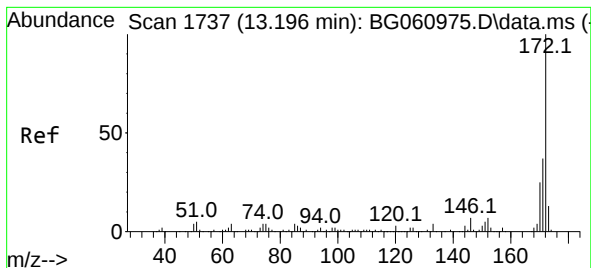
Delta R.T. -0.000 min

Lab File: BG061051.D

Acq: 29 Apr 2024 17:39

Tgt Ion:330	Resp:	237544
Ion	Ratio	Lower Upper
330	100	
332	97.6	77.1 115.7
141	25.5	20.6 31.0

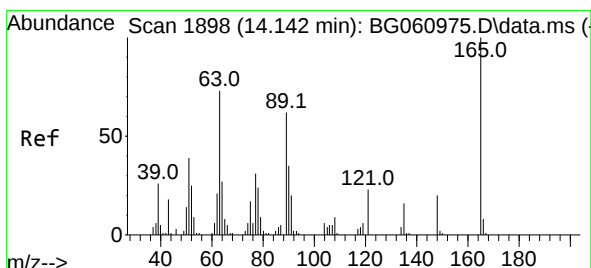
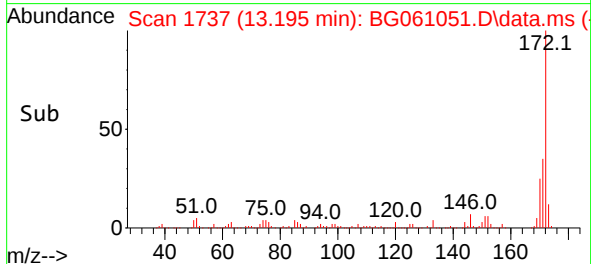
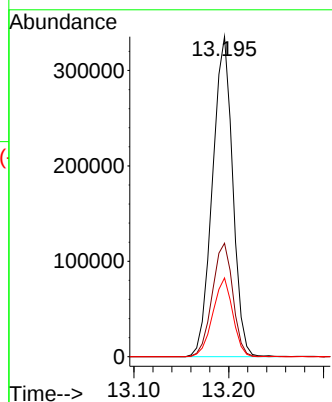
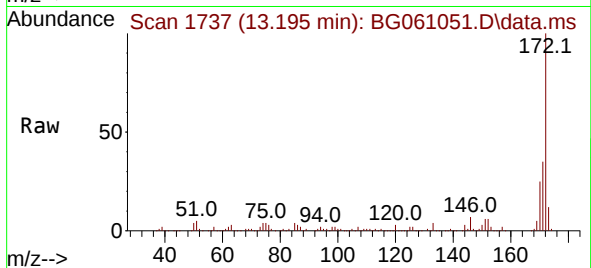




#45
 2-Fluorobiphenyl
 Concen: 92.510 ng
 RT: 13.195 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: BG061051.D
 Acq: 29 Apr 2024 17:39

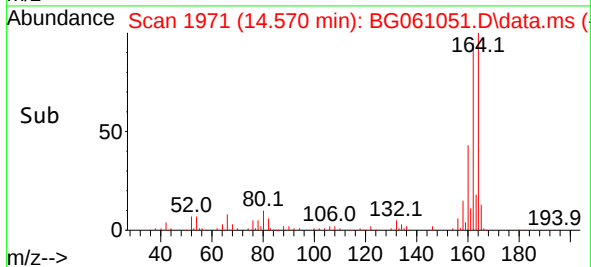
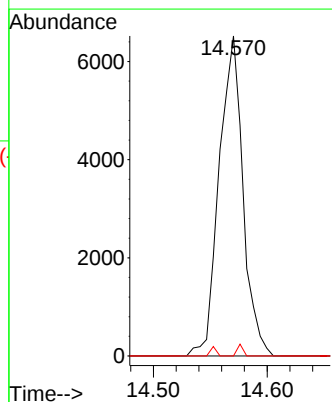
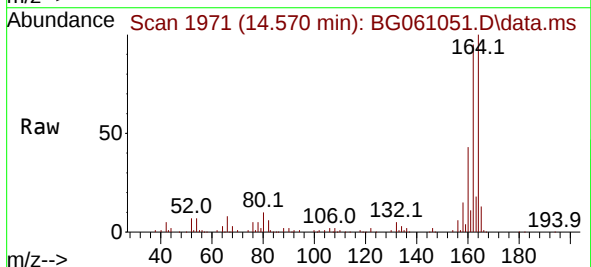
Instrument :
 BNA_G
 ClientSampleId :

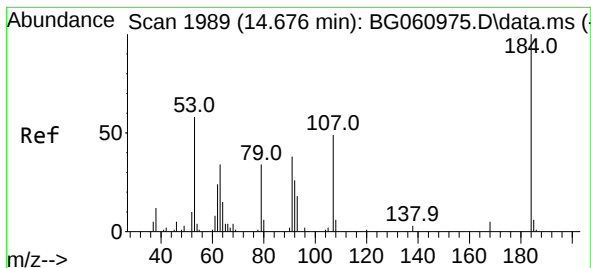
Tgt Ion:172 Resp: 496063
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.3 43.9
 170 24.6 20.1 30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.428 ng
 RT: 14.570 min Scan# 1971
 Delta R.T. 0.429 min
 Lab File: BG061051.D
 Acq: 29 Apr 2024 17:39

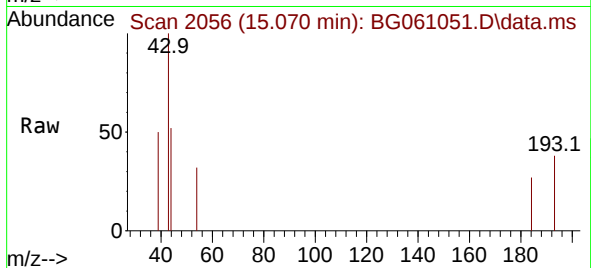
Tgt Ion:165 Resp: 9485
 Ion Ratio Lower Upper
 165 100
 63 0.0 59.6 89.4#
 89 0.0 49.4 74.0#



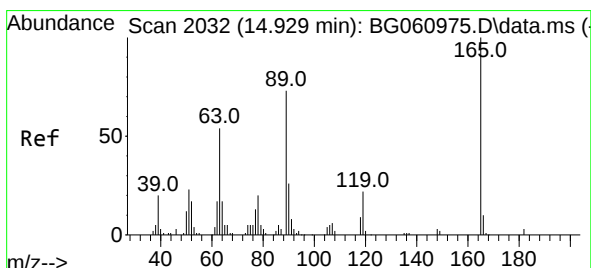
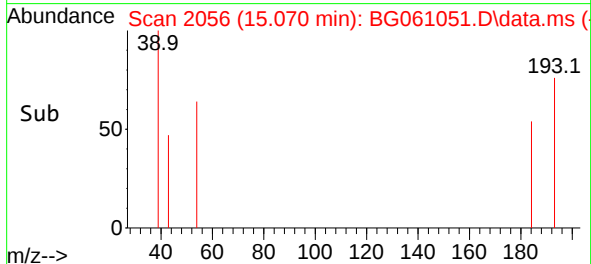
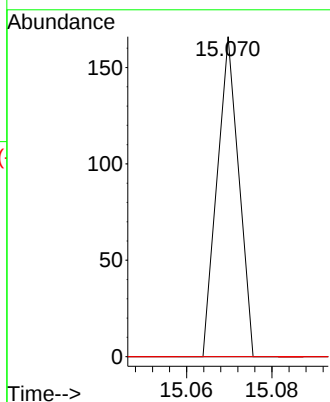


#54
2,4-Dinitrophenol
Concen: 5.631 ng
RT: 15.070 min Scan# 2056
Delta R.T. 0.394 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Instrument :
BNA_G
ClientSampleId :

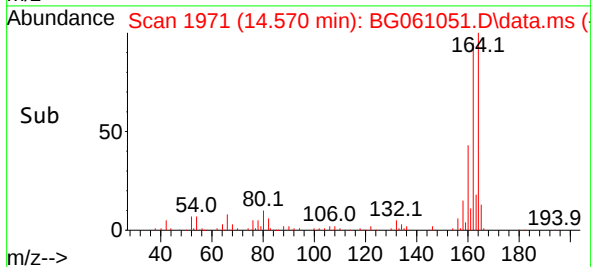
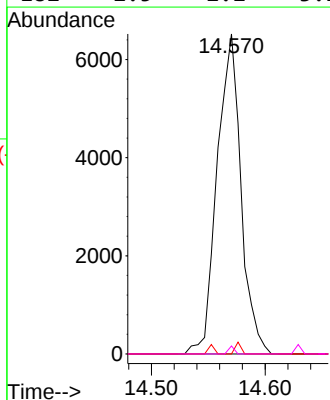
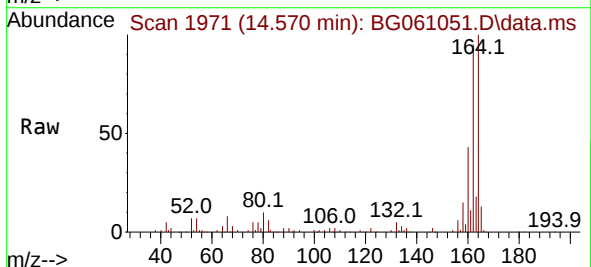


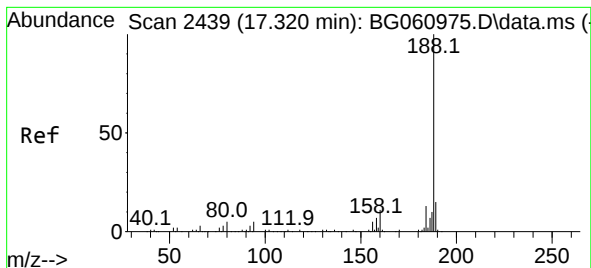
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 0.0 59.0 88.6#
154 0.0 61.2 91.8#



#57
2,4-Dinitrotoluene
Concen: 5.157 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.359 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion:165 Resp: 9485
Ion Ratio Lower Upper
165 100
63 0.0 43.4 65.2#
89 0.0 58.4 87.6#
182 2.5 2.2 3.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.314 min Scan# 2439

Delta R.T. -0.006 min

Lab File: BG061051.D

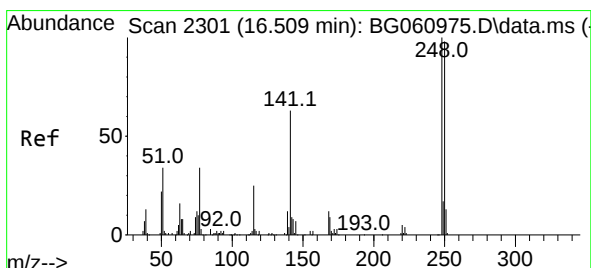
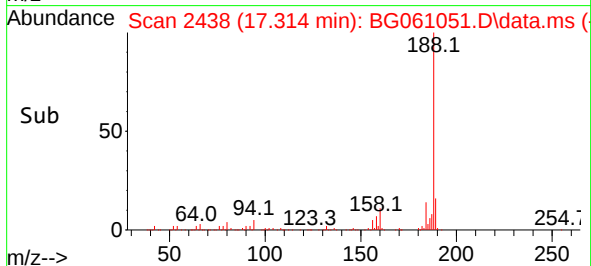
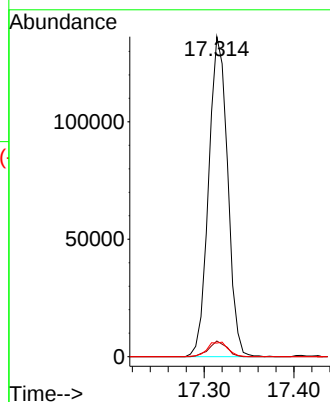
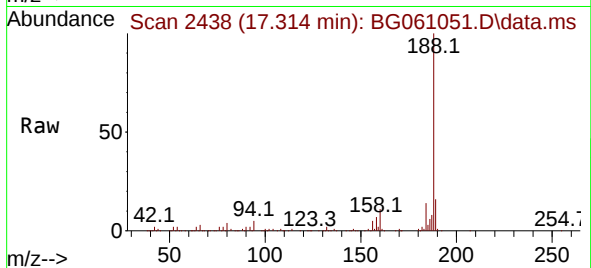
Acq: 29 Apr 2024 17:39

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:188	Resp: 200051
Ion Ratio	Lower Upper
188 100	
94 4.9	4.1 6.1
80 4.3	4.0 6.0



#67

4-Bromophenyl-phenylether

Concen: 5.611 ng

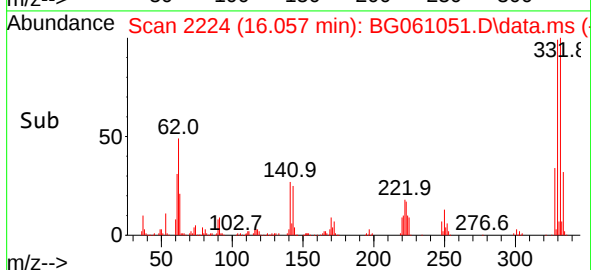
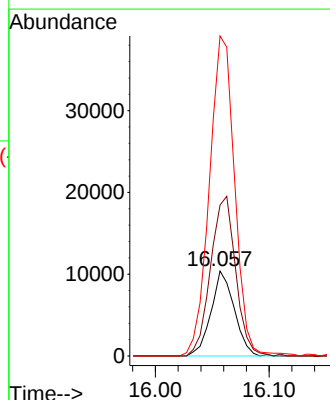
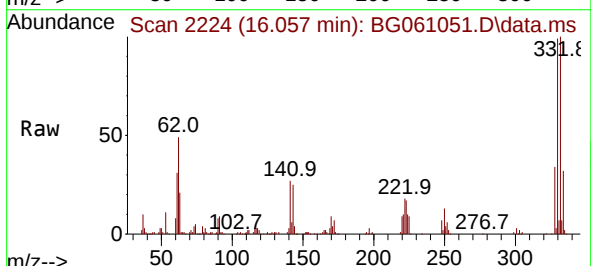
RT: 16.057 min Scan# 2224

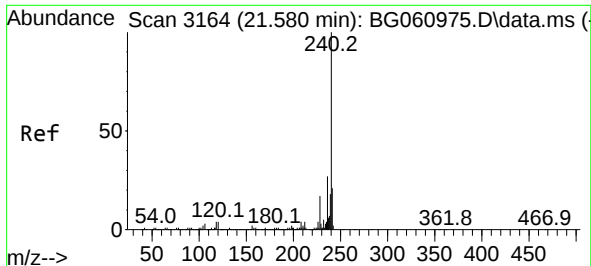
Delta R.T. -0.453 min

Lab File: BG061051.D

Acq: 29 Apr 2024 17:39

Tgt Ion:248	Resp: 14813
Ion Ratio	Lower Upper
248 100	
250 177.5	78.7 118.1#
141 376.3	50.4 75.6#

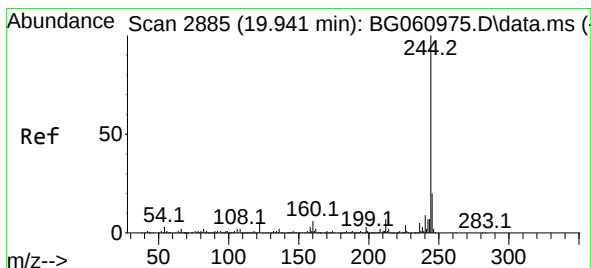
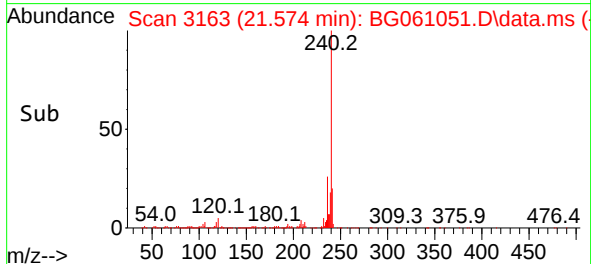
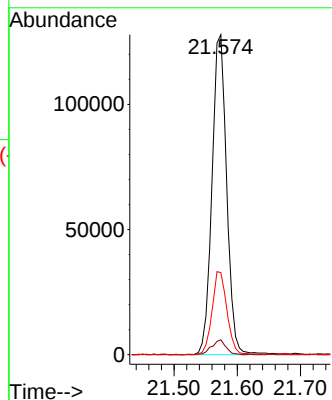
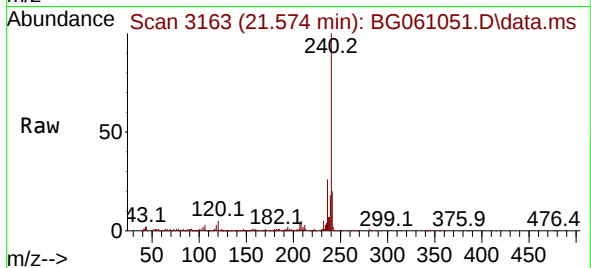




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

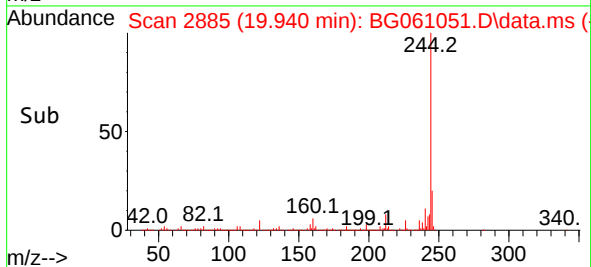
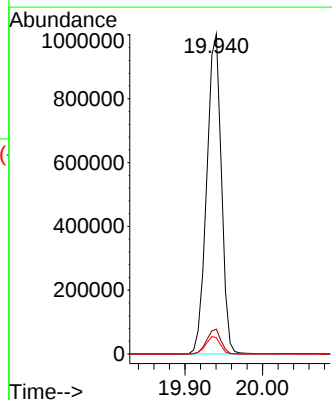
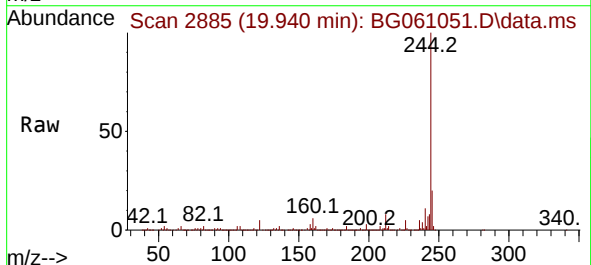
Instrument :
BNA_G
ClientSampleId :

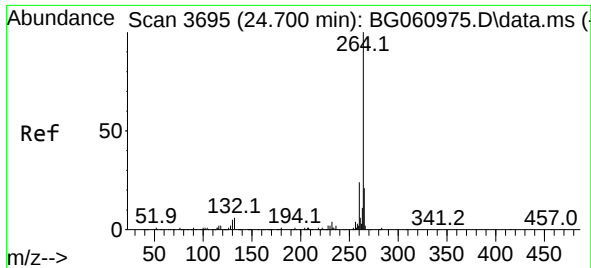
Tgt Ion:240 Resp: 206226
Ion Ratio Lower Upper
240 100
120 4.6 3.0 4.6#
236 25.7 21.8 32.6



#79
Terphenyl-d14
Concen: 98.852 ng
RT: 19.940 min Scan# 2885
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

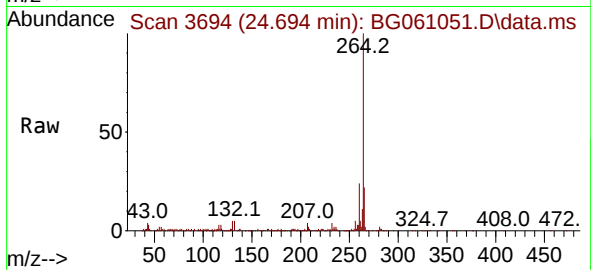
Tgt Ion:244 Resp: 1313323
Ion Ratio Lower Upper
244 100
212 7.8 5.9 8.9
122 5.1 4.2 6.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.694 min Scan# 30
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Instrument :
BNA_G
ClientSampleId :



Tgt Ion:	264	Resp:	229710
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.4	29.2
265	21.9	17.0	25.4

