

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061050.D
 Acq On : 29 Apr 2024 16:55
 Operator : MA/JU
 Sample : P2261-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 29 17:38:17 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)

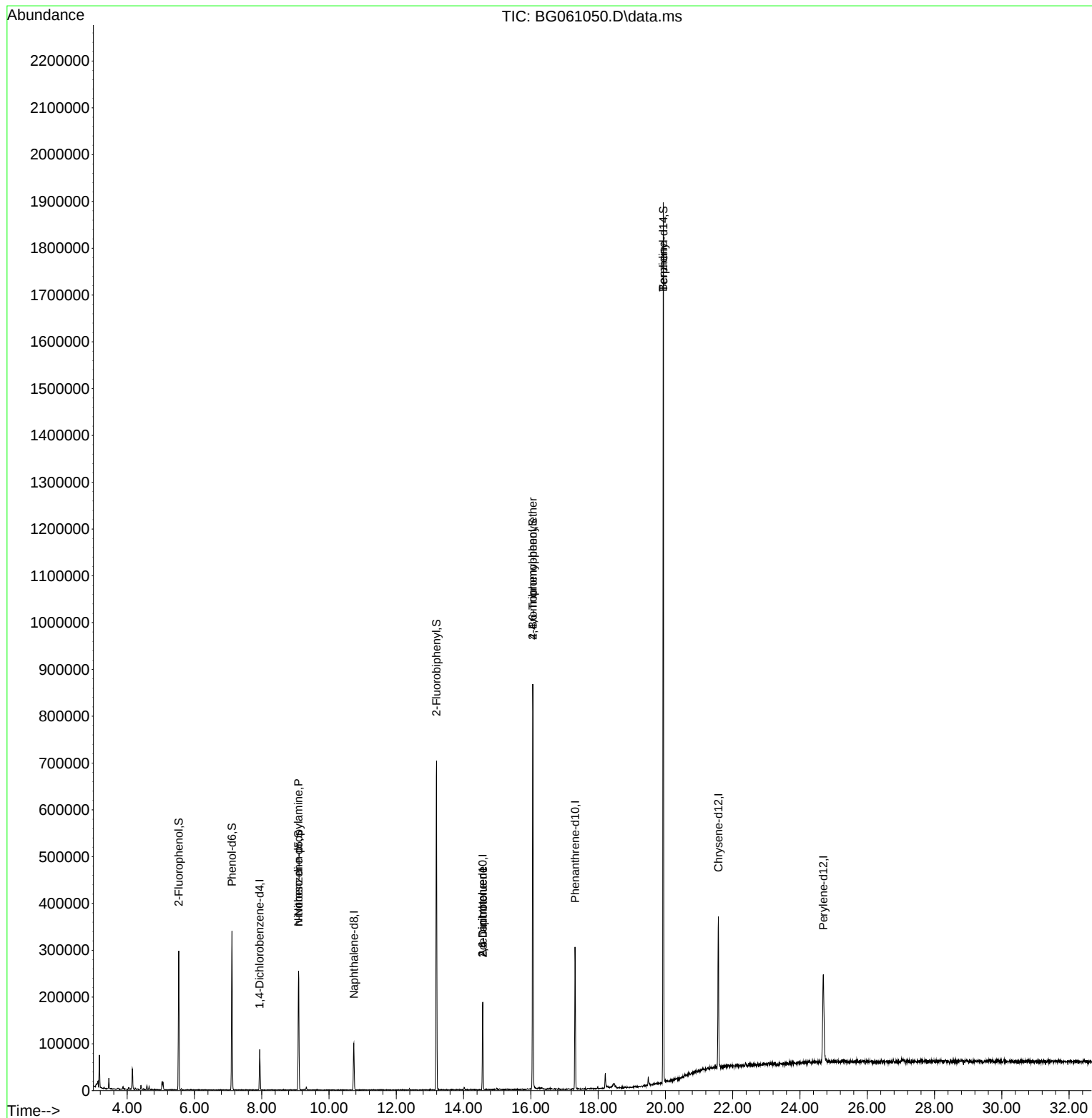
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.937	152	20684	20.000	ng	0.00
21) Naphthalene-d8	10.740	136	77962	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	67587	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	192897	20.000	ng	0.00
76) Chrysene-d12	21.574	240	199876	20.000	ng	0.00
86) Perylene-d12	24.694	264	226924	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	105801	103.466	ng	0.00
7) Phenol-d6	7.114	99	146671	96.671	ng	0.00
23) Nitrobenzene-d5	9.094	82	124570	71.789	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	193535	130.400	ng	0.00
45) 2-Fluorobiphenyl	13.196	172	369981	75.763	ng	0.00
79) Terphenyl-d14	19.941	244	1023454	79.481	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.094	70	20025	17.710	ng	# 63
51) 2,6-Dinitrotoluene	14.570	165	8786	7.555	ng	# 17
57) 2,4-Dinitrotoluene	14.570	165	8786	5.246	ng	# 21
67) 4-Bromophenyl-phenylether	16.057	248	12183	4.786	ng	# 1
77) Benzidine	19.935	184	16926	4.570	ng	# 90

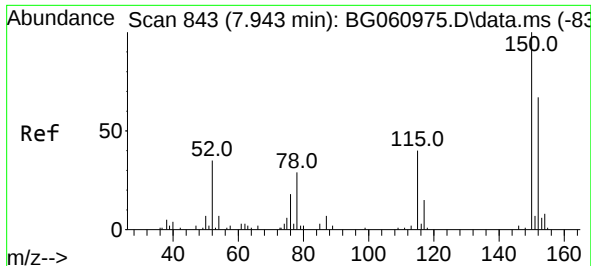
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
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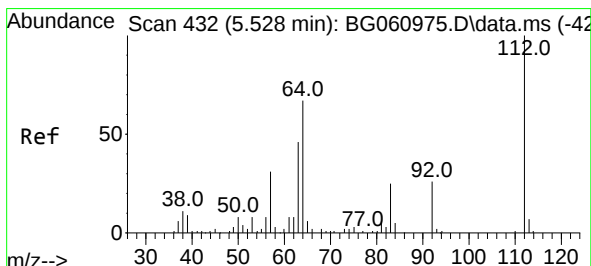
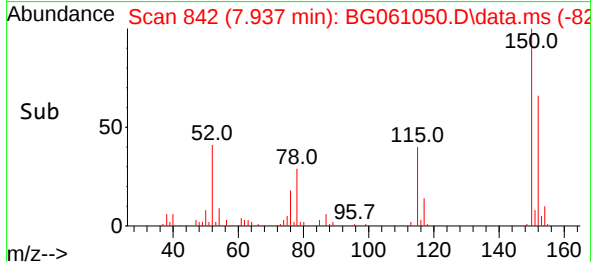
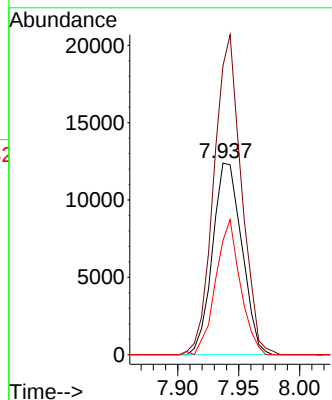
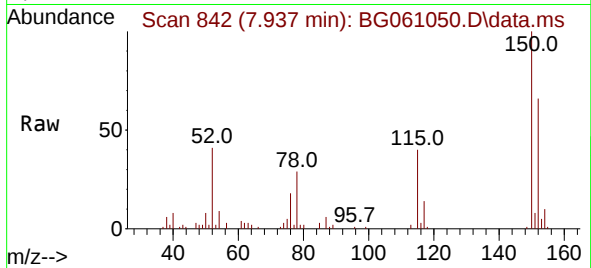




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.937 min Scan# 843
Delta R.T. -0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

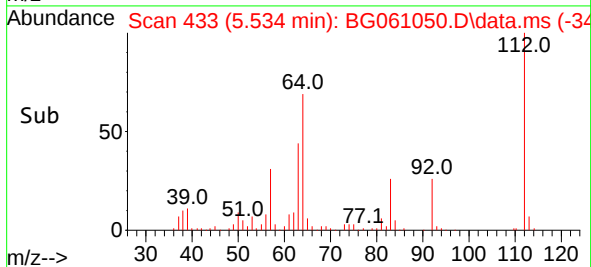
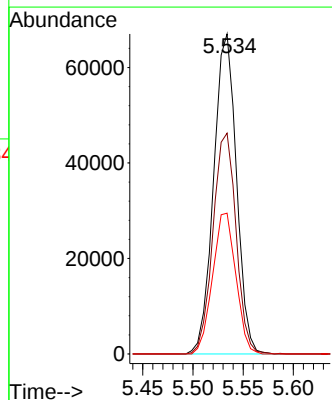
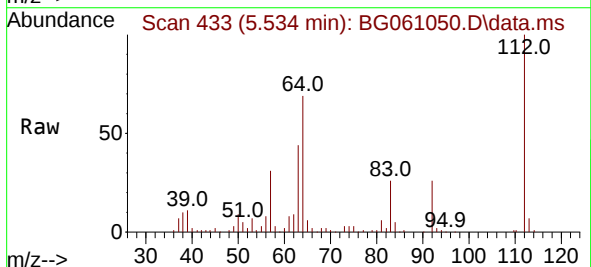
Instrument :
BNA_G
ClientSampleId :

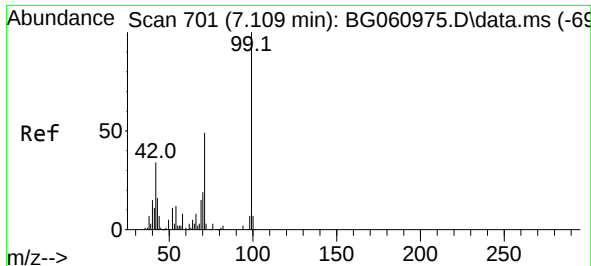
Tgt Ion:152 Resp: 20684
Ion Ratio Lower Upper
152 100
150 150.8 118.6 178.0
115 59.6 47.4 71.0



#5
2-Fluorophenol
Concen: 103.466 ng
RT: 5.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

Tgt Ion:112 Resp: 105801
Ion Ratio Lower Upper
112 100
64 69.0 53.7 80.5
63 44.0 37.0 55.6



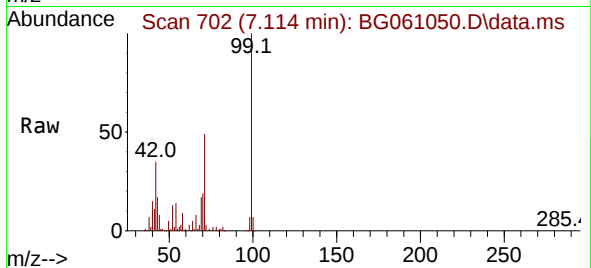


#7
Phenol-d6
Concen: 96.671 ng
RT: 7.114 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

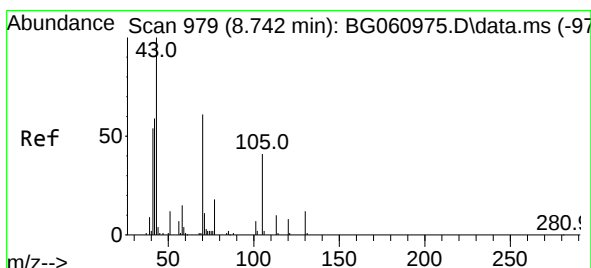
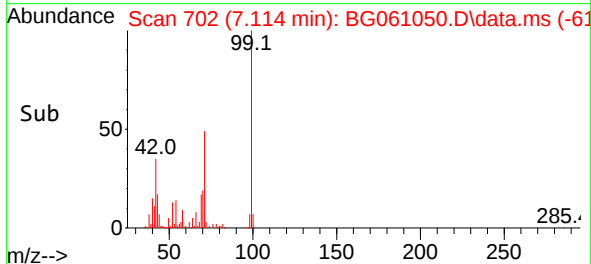
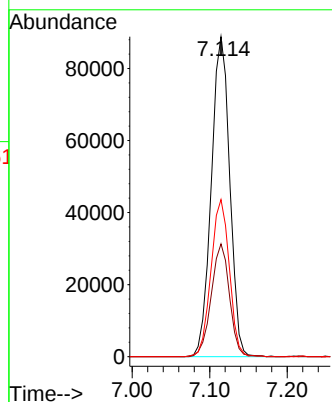
Instrument :

BNA_G

ClientSampleId :

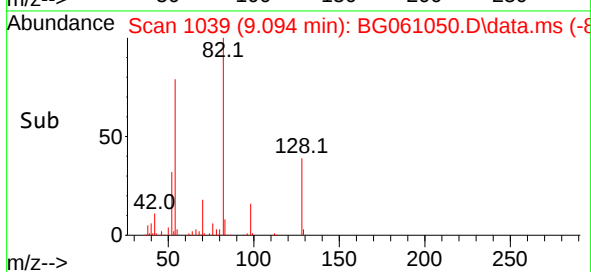
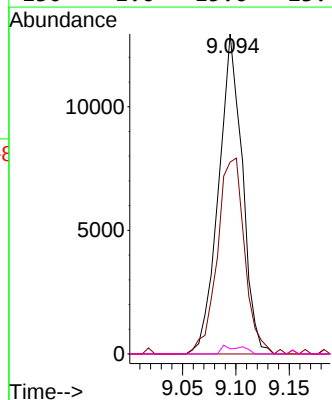
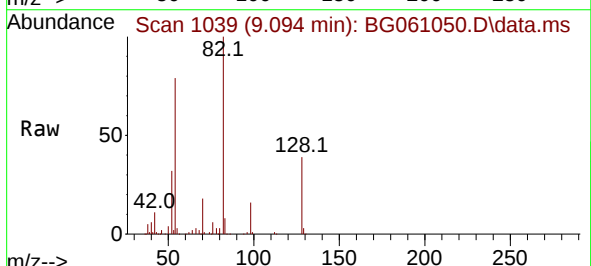


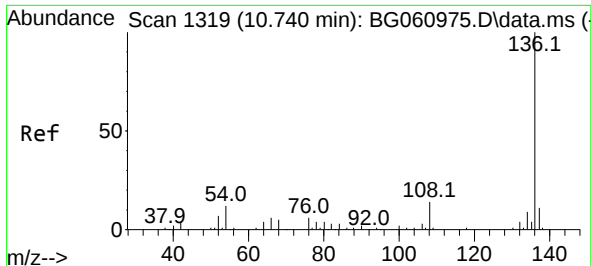
Tgt Ion: 99 Resp: 146671
Ion Ratio Lower Upper
99 100
42 35.3 27.2 40.8
71 49.1 38.8 58.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.710 ng
RT: 9.094 min Scan# 1039
Delta R.T. 0.353 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

Tgt Ion: 70 Resp: 20025
Ion Ratio Lower Upper
70 100
42 59.9 78.0 117.0#
101 0.0 8.6 13.0#
130 1.6 15.6 23.4#



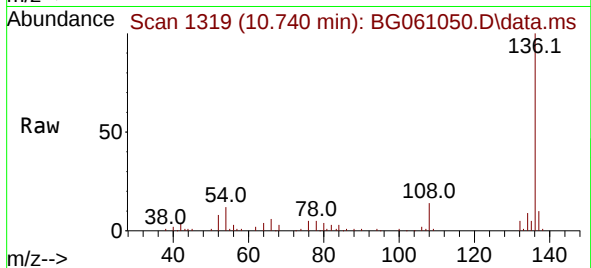


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.740 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

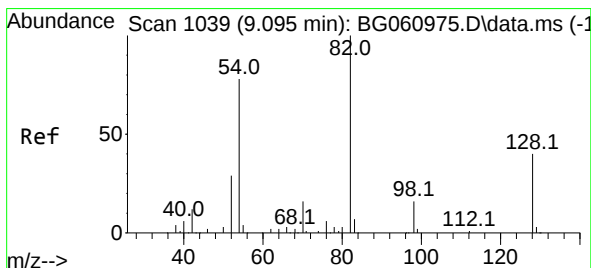
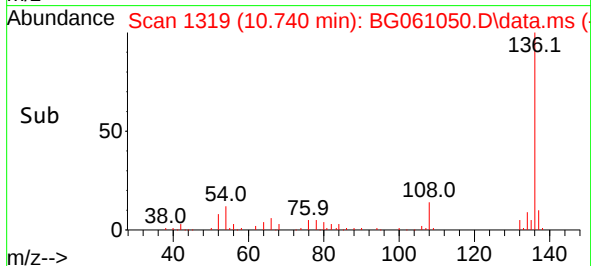
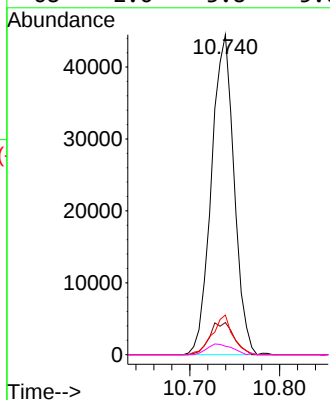
Instrument :

BNA_G

ClientSampleId :

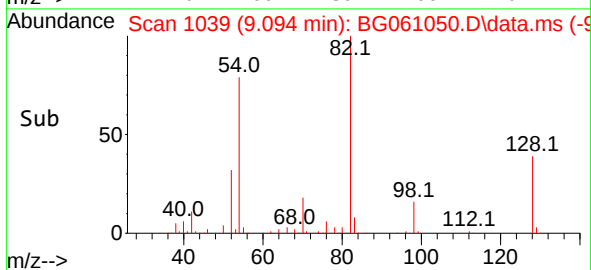
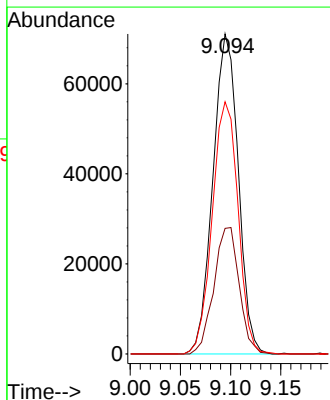
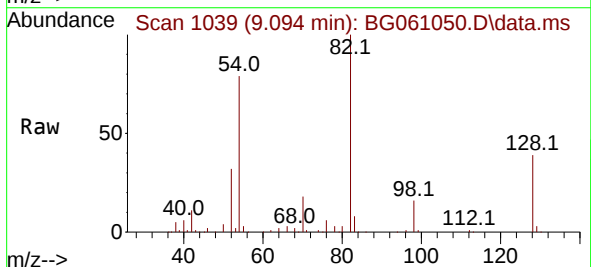


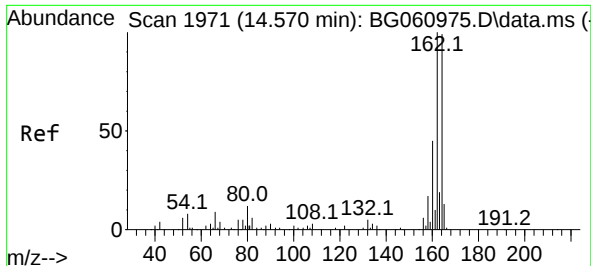
Tgt Ion:136 Resp: 77962
Ion Ratio Lower Upper
136 100
137 10.1 8.5 12.7
54 12.4 9.4 14.0
68 2.6 3.8 5.6#



#23
Nitrobenzene-d5
Concen: 71.789 ng
RT: 9.094 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

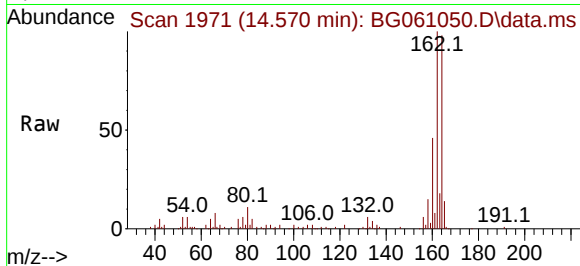
Tgt Ion: 82 Resp: 124570
Ion Ratio Lower Upper
82 100
128 39.2 32.1 48.1
54 78.8 62.3 93.5



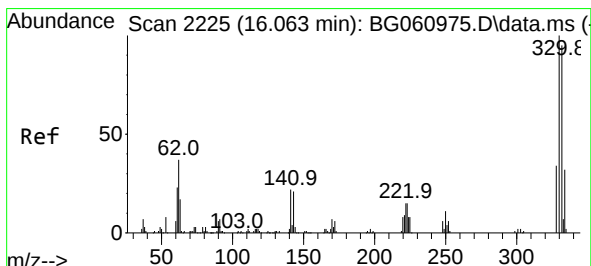
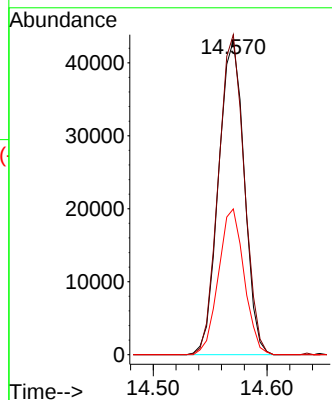
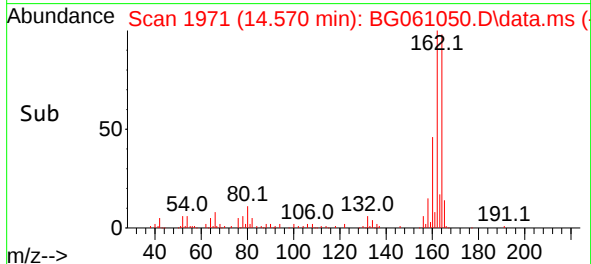


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

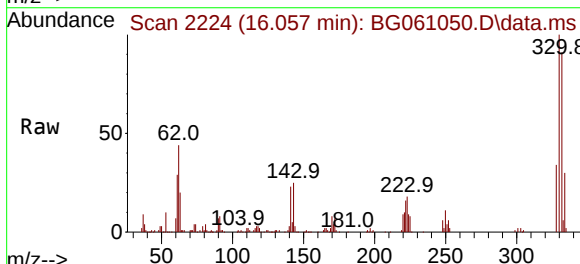
Instrument :
BNA_G
ClientSampleId :



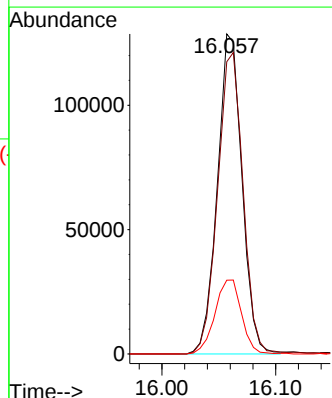
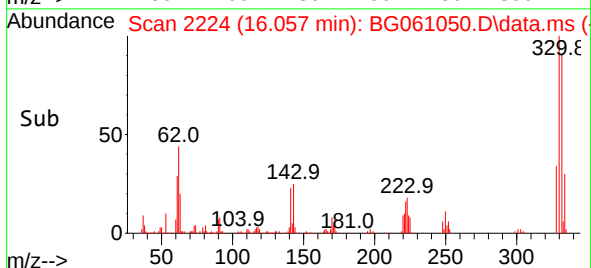
Tgt Ion:164 Resp: 67587
Ion Ratio Lower Upper
164 100
162 101.9 81.2 121.8
160 46.4 36.2 54.2

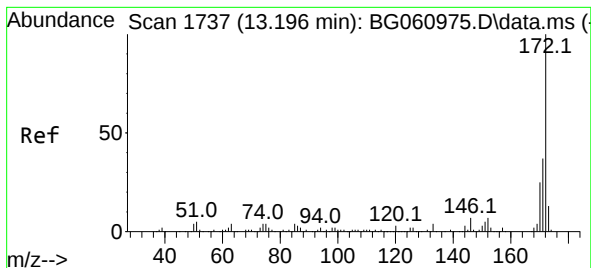


#42
2,4,6-Tribromophenol
Concen: 130.400 ng
RT: 16.057 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55



Tgt Ion:330 Resp: 193535
Ion Ratio Lower Upper
330 100
332 97.7 77.1 115.7
141 25.0 20.6 31.0

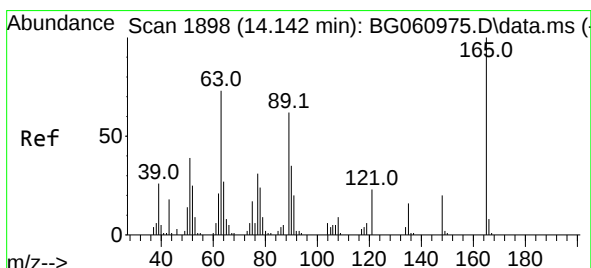
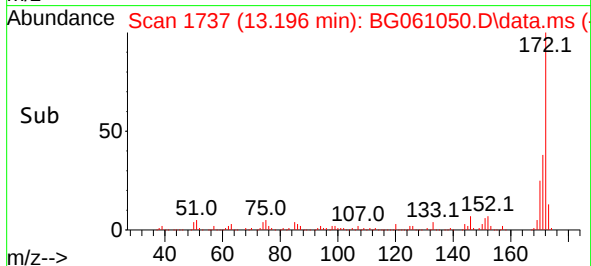
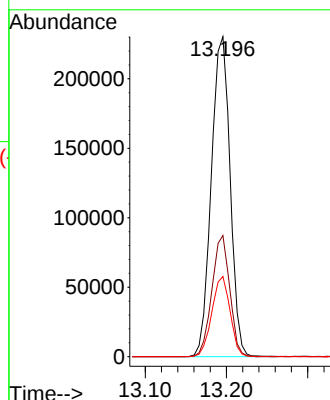
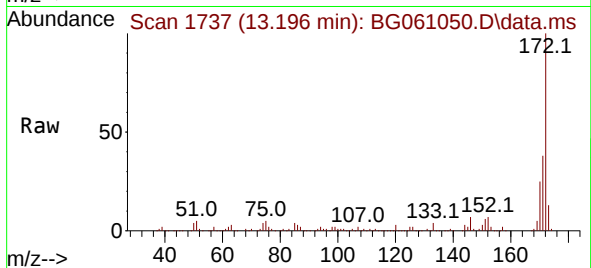




#45
2-Fluorobiphenyl
Concen: 75.763 ng
RT: 13.196 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

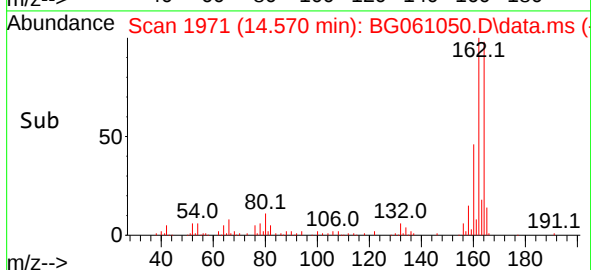
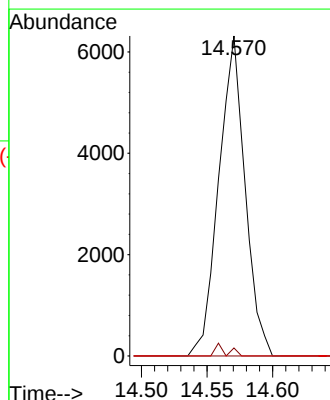
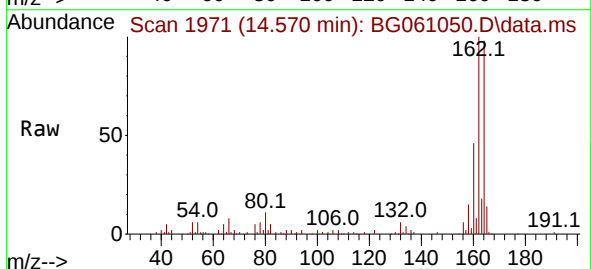
Instrument :
BNA_G
ClientSampleId :

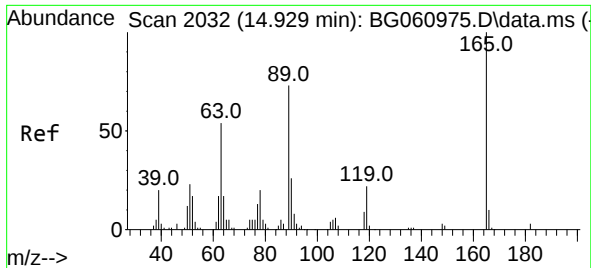
Tgt Ion:172 Resp: 369981
Ion Ratio Lower Upper
172 100
171 37.8 29.3 43.9
170 25.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.555 ng
RT: 14.570 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

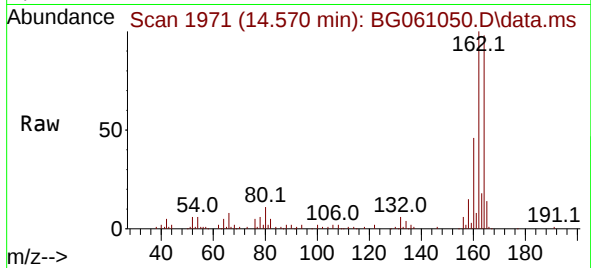
Tgt Ion:165 Resp: 8786
Ion Ratio Lower Upper
165 100
63 2.5 59.6 89.4#
89 0.0 49.4 74.0#



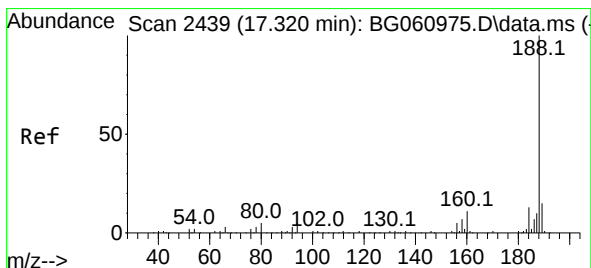
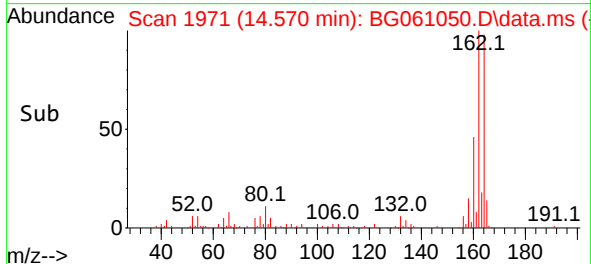
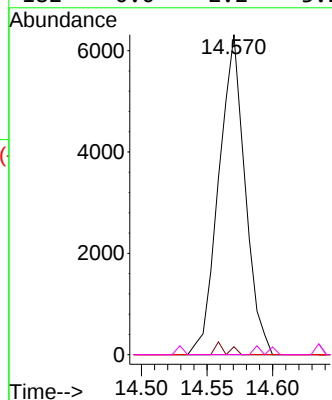


#57
2,4-Dinitrotoluene
Concen: 5.246 ng
RT: 14.570 min Scan# 1971
Delta R.T. -0.358 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

Instrument :
BNA_G
ClientSampleId :

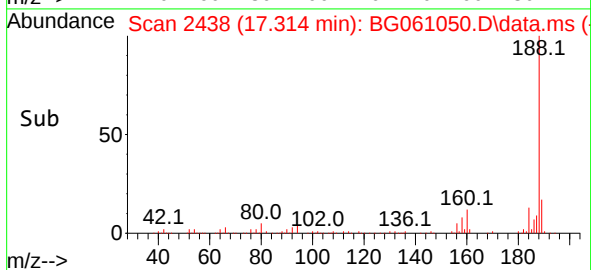
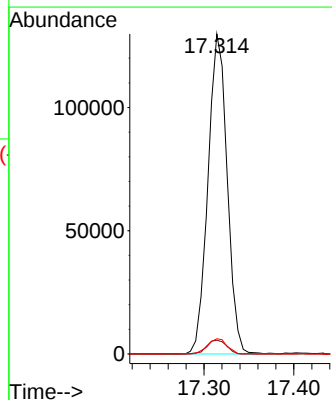
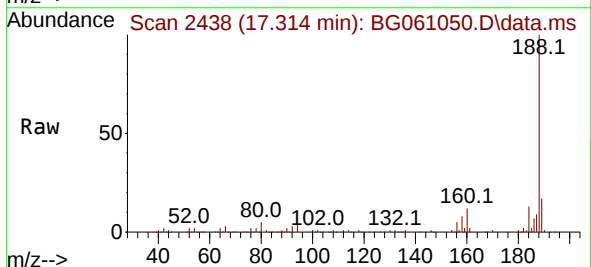


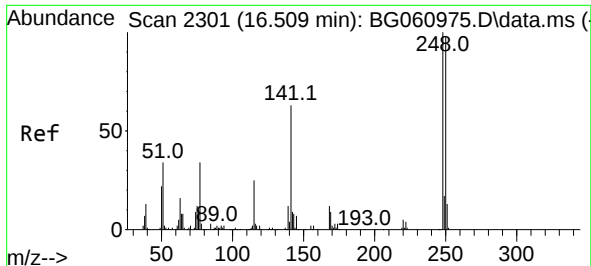
Tgt Ion:165 Resp: 8786
Ion Ratio Lower Upper
165 100
63 2.5 43.4 65.2#
89 0.0 58.4 87.6#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

Tgt Ion:188 Resp: 192897
Ion Ratio Lower Upper
188 100
94 4.3 4.1 6.1
80 4.8 4.0 6.0

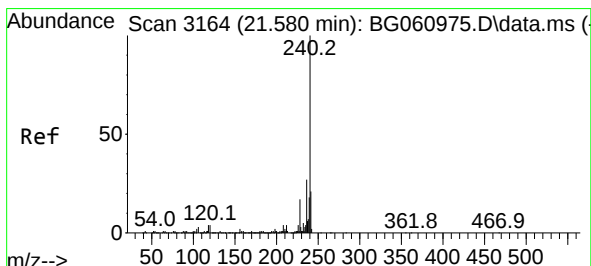
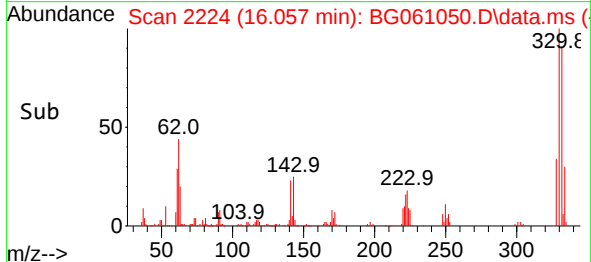
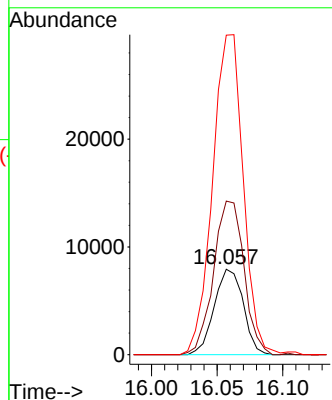
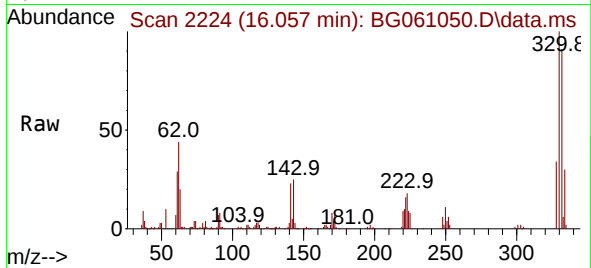




#67
4-Bromophenyl-phenylether
Concen: 4.786 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

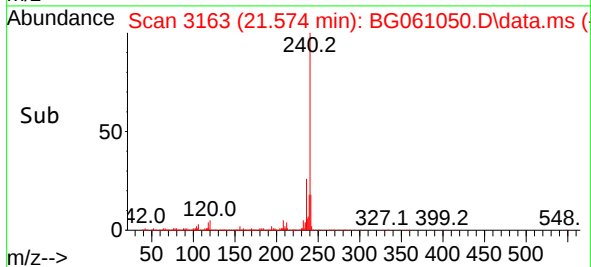
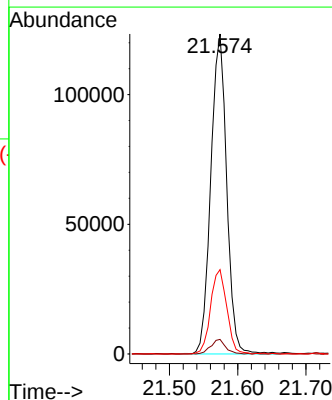
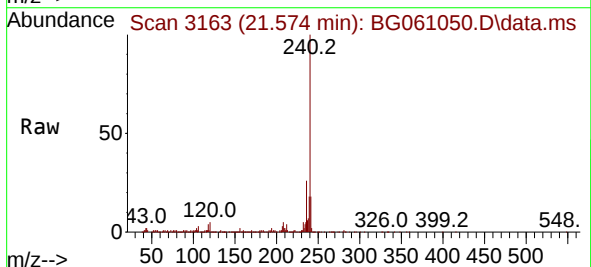
Instrument :
BNA_G
ClientSampleId :

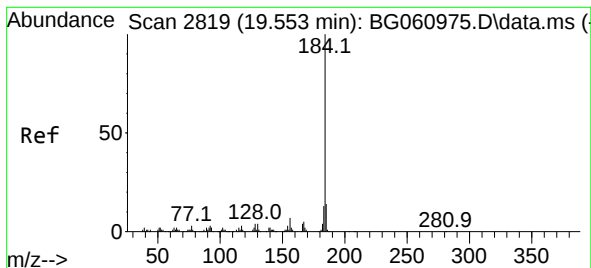
Tgt Ion:248 Resp: 12183
Ion Ratio Lower Upper
248 100
250 179.6 78.7 118.1#
141 373.7 50.4 75.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG061050.D
Acq: 29 Apr 2024 16:55

Tgt Ion:240 Resp: 199876
Ion Ratio Lower Upper
240 100
120 4.6 3.0 4.6
236 26.4 21.8 32.6





#77

Benzidine

Concen: 4.570 ng

RT: 19.935 min Scan# 2819

Delta R.T. 0.382 min

Lab File: BG061050.D

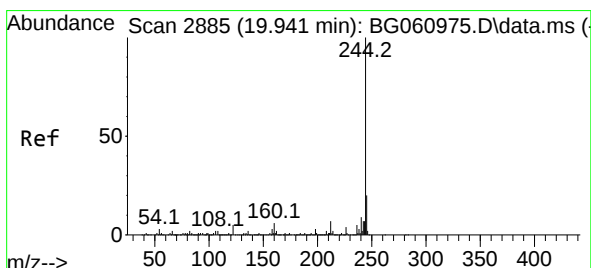
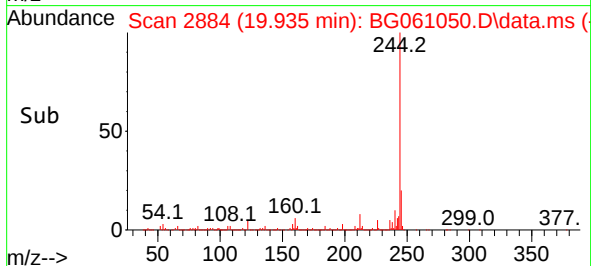
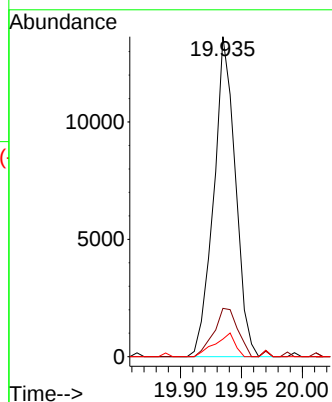
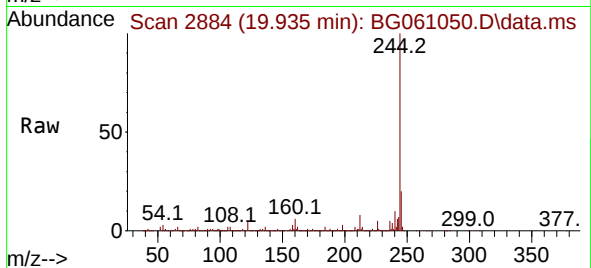
Acq: 29 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:184	Resp:	16926
Ion Ratio	Lower	Upper
184	100	
185	15.1	11.3 16.9
183	5.5	10.2 15.2#



#79

Terphenyl-d14

Concen: 79.481 ng

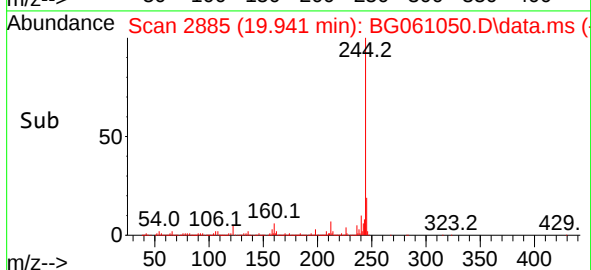
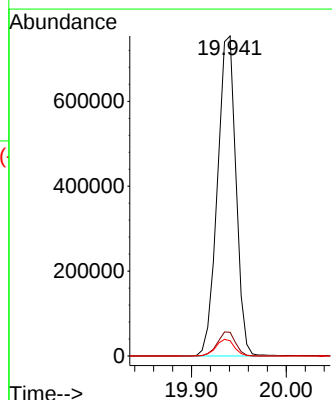
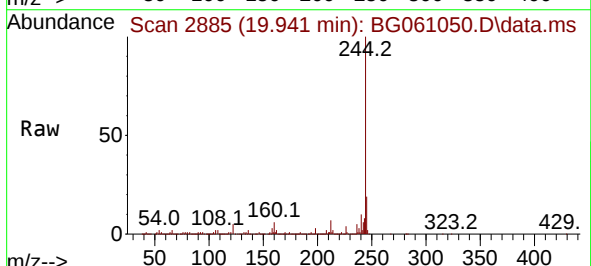
RT: 19.941 min Scan# 2885

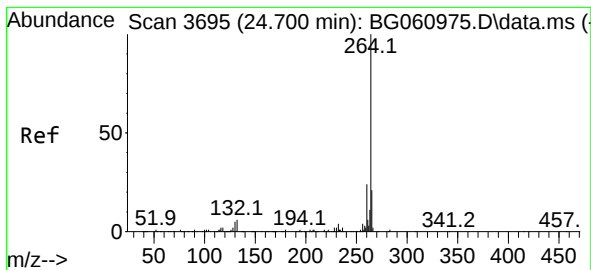
Delta R.T. 0.000 min

Lab File: BG061050.D

Acq: 29 Apr 2024 16:55

Tgt Ion:244	Resp:	1023454
Ion Ratio	Lower	Upper
244	100	
212	7.4	5.9 8.9
122	4.8	4.2 6.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.694 min Scan# 30

Delta R.T. -0.006 min

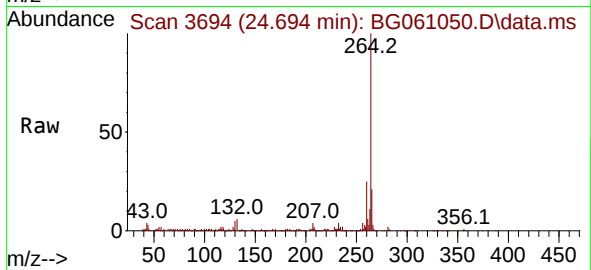
Lab File: BG061050.D

Acq: 29 Apr 2024 16:55

Instrument :

BNA_G

ClientSampleId :



Tgt Ion:264 Resp: 226924

Ion Ratio Lower Upper

264 100

260 24.9 19.4 29.2

265 20.5 17.0 25.4

