

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060940.D
 Acq On : 18 Apr 2024 17:54
 Operator : MA/JU
 Sample : P2150-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1

Quant Time: Apr 18 18:41:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

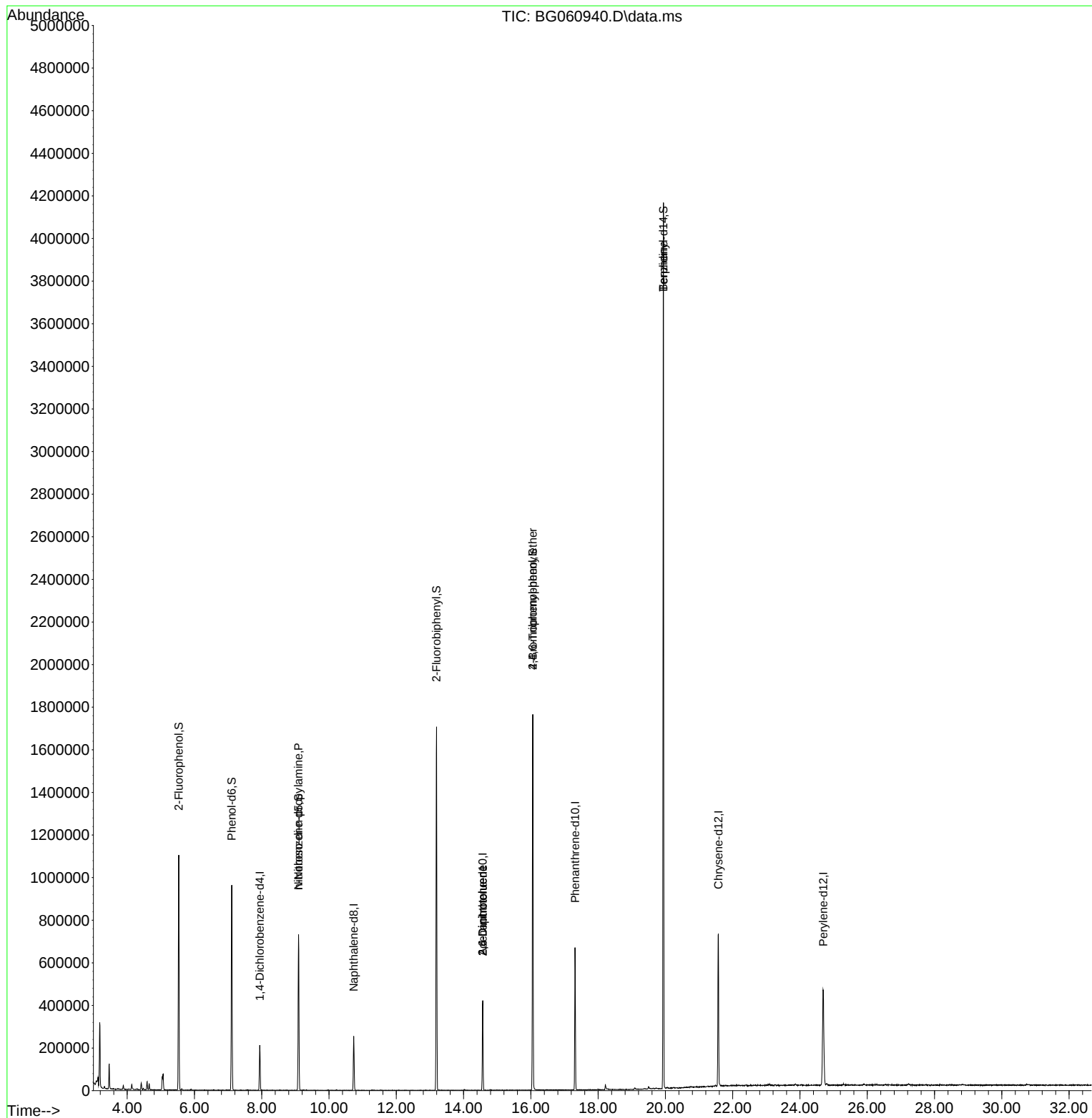
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	55238	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	198783	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	154203	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	412862	20.000	ng	0.00
76) Chrysene-d12	21.573	240	422944	20.000	ng	0.00
86) Perylene-d12	24.692	264	497804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	421494	132.540	ng	0.00
7) Phenol-d6	7.107	99	488438	106.617	ng	0.00
23) Nitrobenzene-d5	9.093	82	391894	89.500	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	356249	139.843	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	901426	85.784	ng	0.00
79) Terphenyl-d14	19.939	244	2113274	87.202	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.093	70	54120	15.509	ng	# 73
51) 2,6-Dinitrotoluene	14.569	165	19774	7.929	ng	# 19
57) 2,4-Dinitrotoluene	14.569	165	19774	5.548	ng	# 21
67) 4-Bromophenyl-phenylether	16.055	248	24921	5.388	ng	# 1
77) Benzidine	19.939	184	33573	3.599	ng	# 91

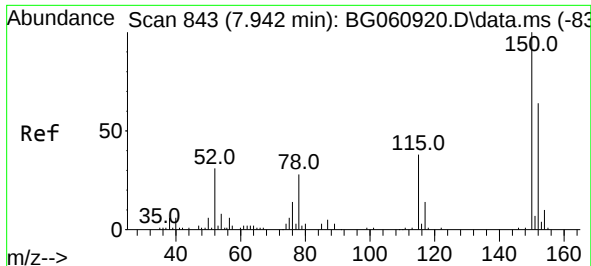
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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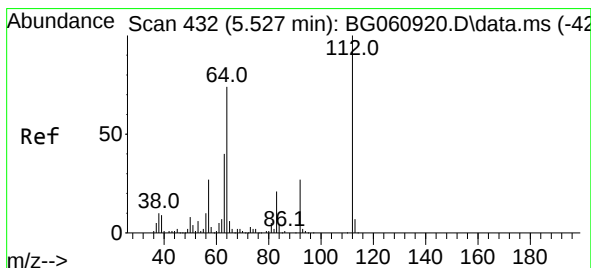
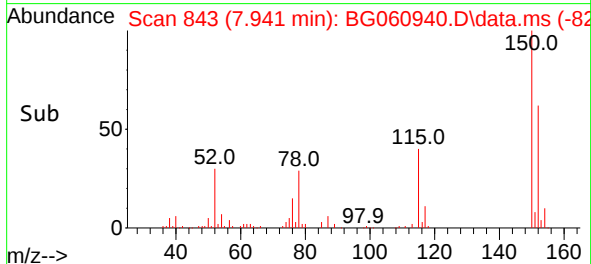
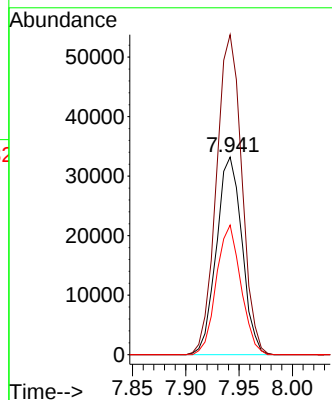
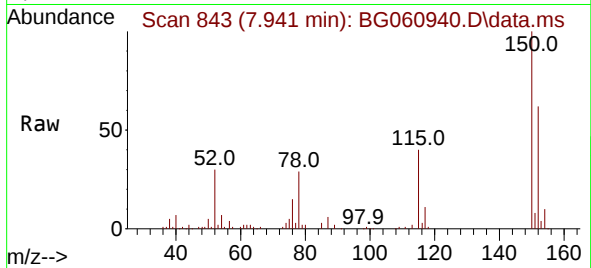




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 843
Delta R.T. -0.001 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

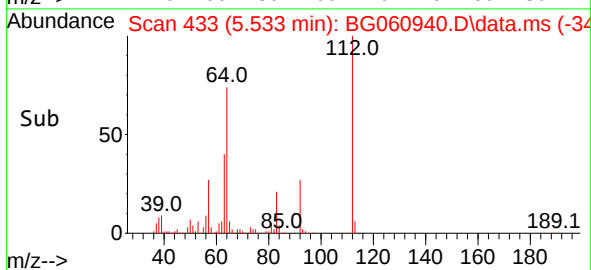
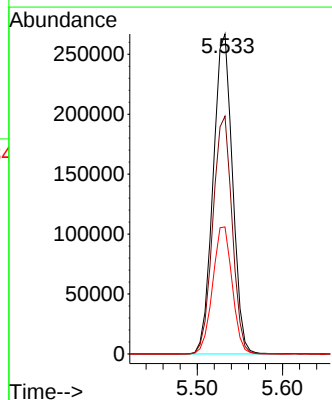
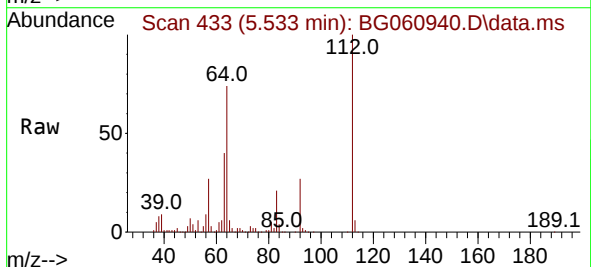
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

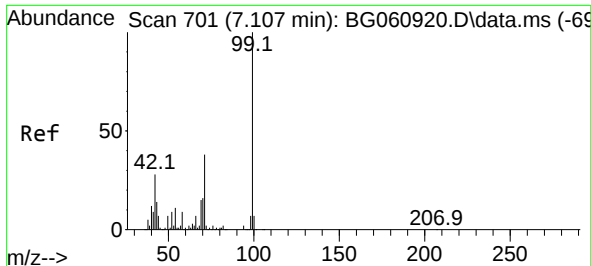
Tgt Ion:152 Resp: 55238
Ion Ratio Lower Upper
152 100
150 161.9 125.6 188.4
115 65.6 47.1 70.7



#5
2-Fluorophenol
Concen: 132.540 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:112 Resp: 421494
Ion Ratio Lower Upper
112 100
64 74.3 58.9 88.3
63 39.7 32.1 48.1

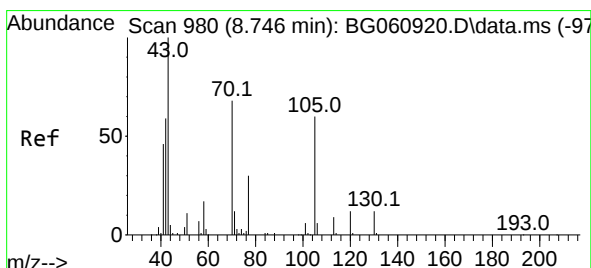
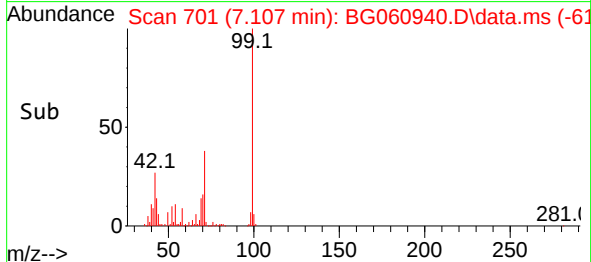
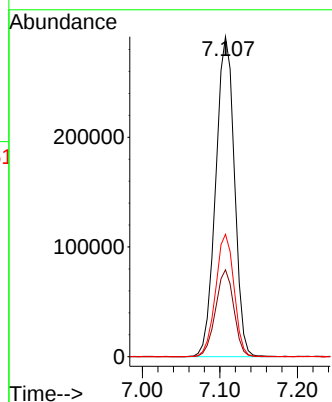
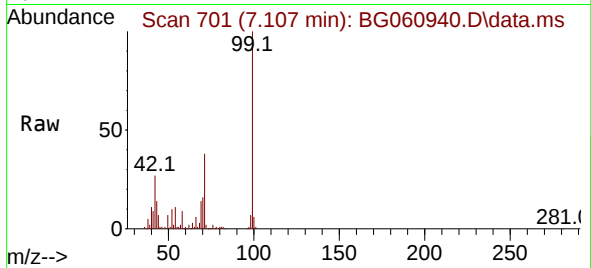




#7
Phenol-d6
Concen: 106.617 ng
RT: 7.107 min Scan# 701
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

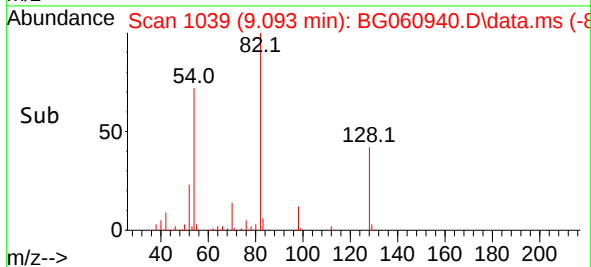
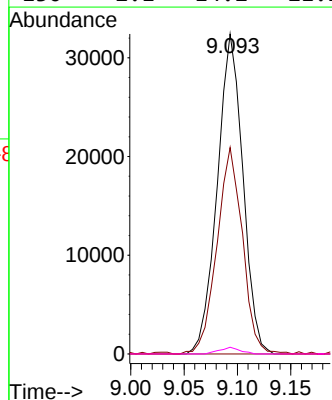
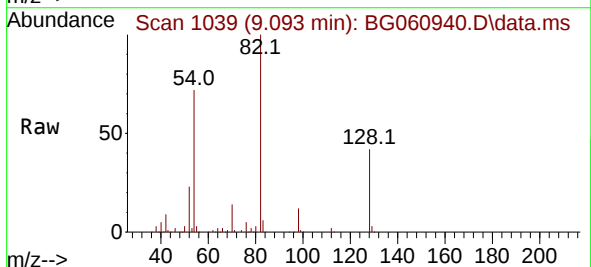
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

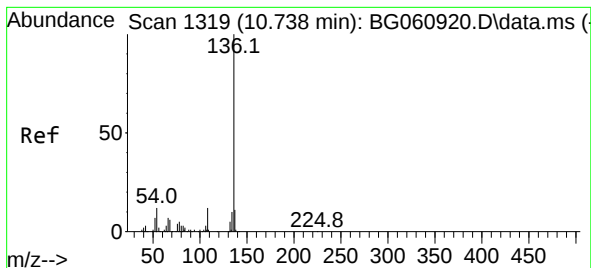
Tgt Ion: 99 Resp: 488438
Ion Ratio Lower Upper
99 100
42 27.2 22.2 33.2
71 38.3 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.509 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.347 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion: 70 Resp: 54120
Ion Ratio Lower Upper
70 100
42 64.5 70.9 106.3#
101 0.0 7.0 10.4#
130 2.1 14.2 21.2#



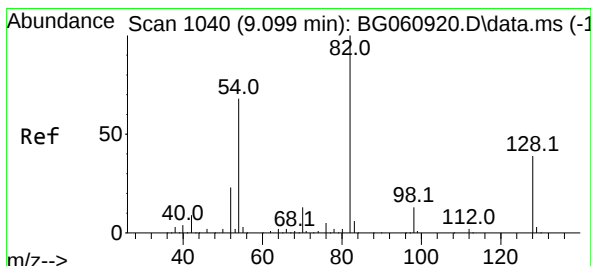
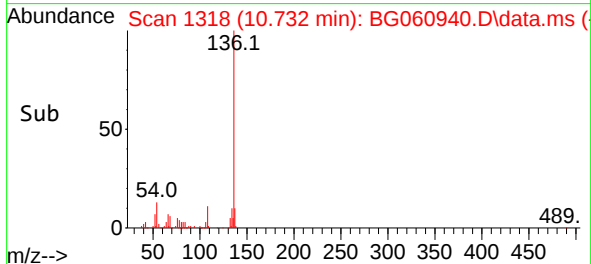
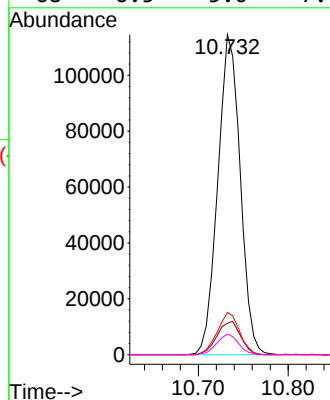
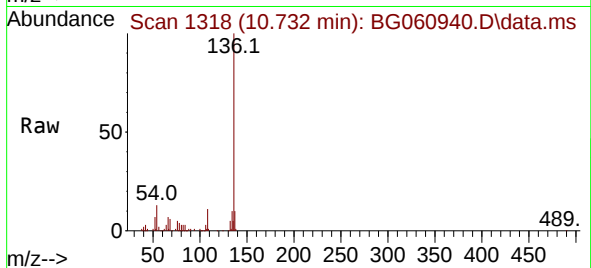


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion:136 Resp: 198783

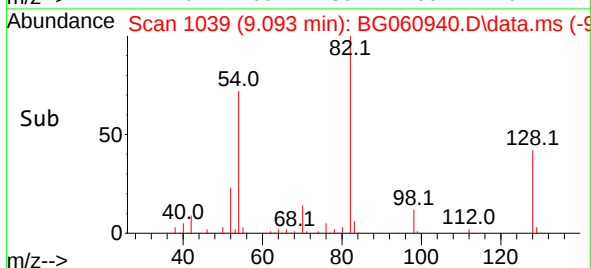
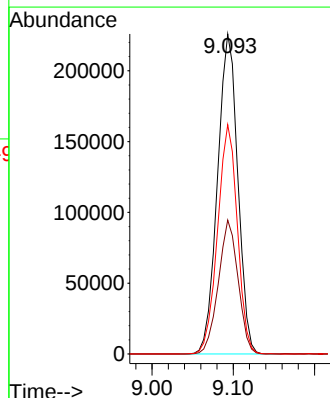
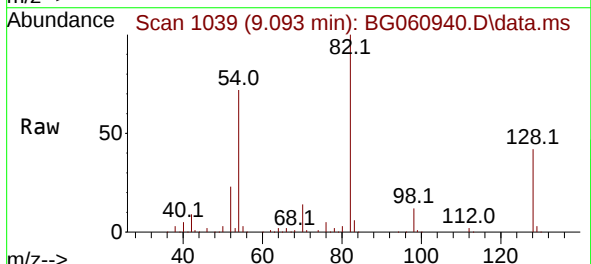
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	13.2	9.8	14.8
68	6.5	5.0	7.4

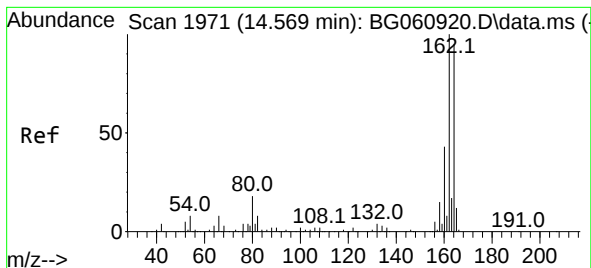


#23
Nitrobenzene-d5
Concen: 89.500 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion: 82 Resp: 391894

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.4	47.0
54	71.7	54.2	81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG060940.D

Acq: 18 Apr 2024 17:54

Instrument :

BNA_G

ClientSampleId :

ARCOLA-SP-1

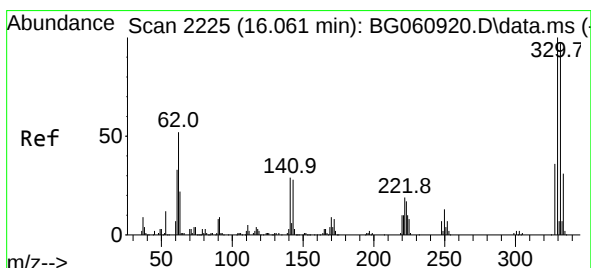
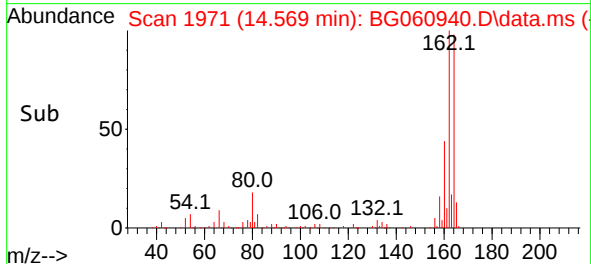
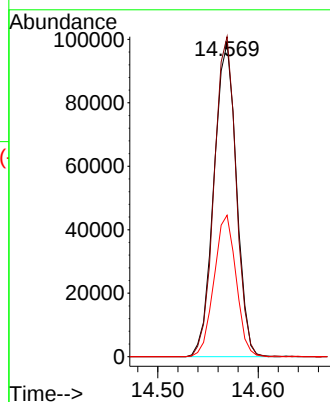
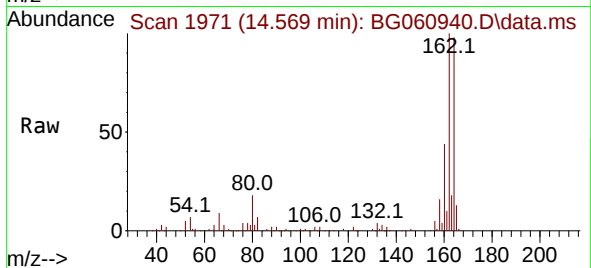
Tgt Ion:164 Resp: 154203

Ion Ratio Lower Upper

164 100

162 102.1 84.1 126.1

160 45.1 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 139.843 ng

RT: 16.055 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BG060940.D

Acq: 18 Apr 2024 17:54

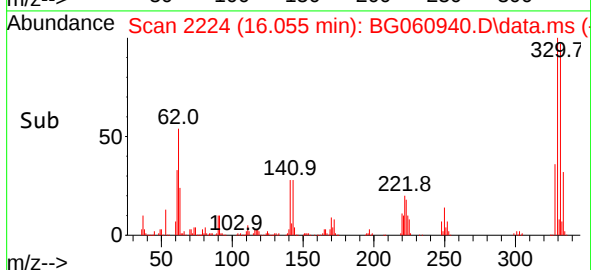
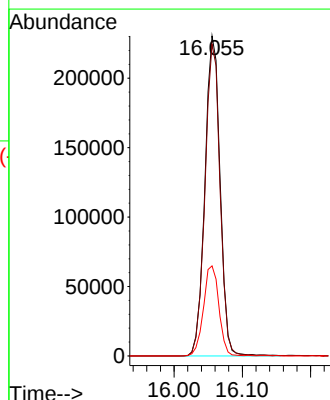
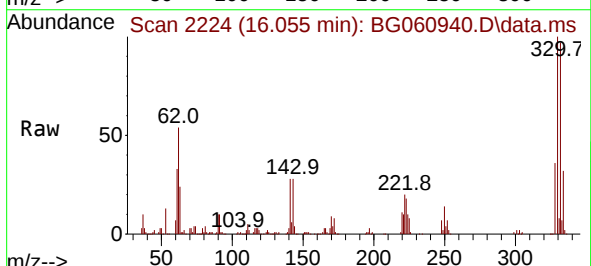
Tgt Ion:330 Resp: 356249

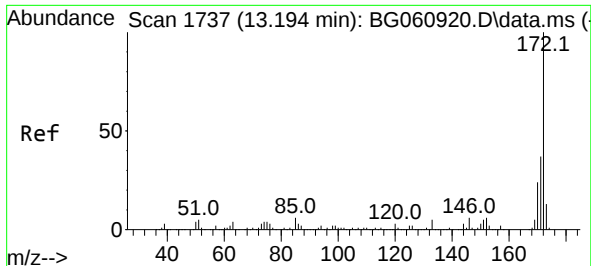
Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

141 28.6 23.7 35.5

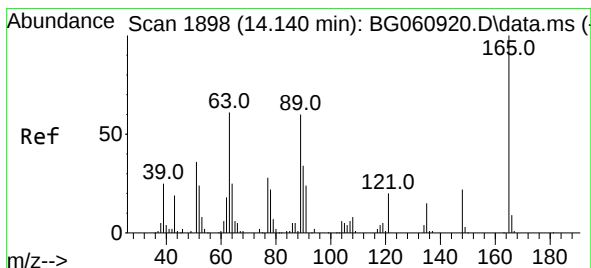
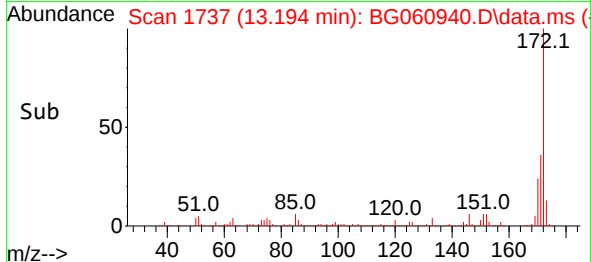
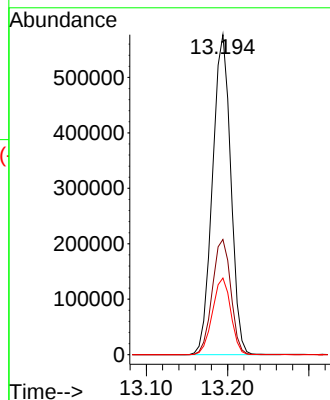
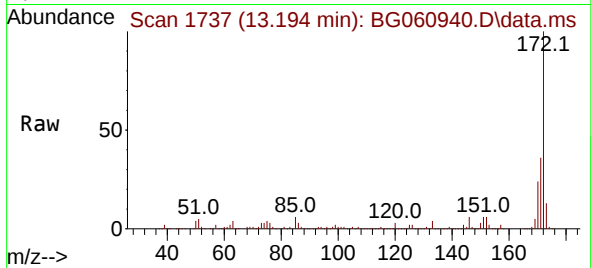




#45
2-Fluorobiphenyl
Concen: 85.784 ng
RT: 13.194 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

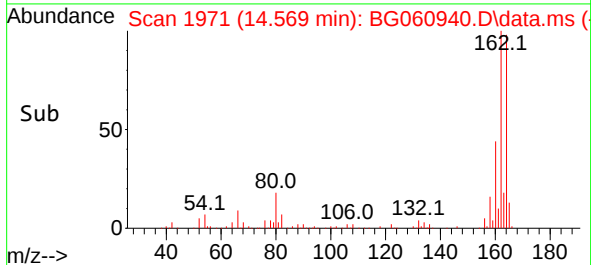
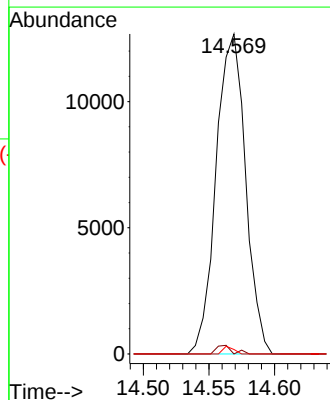
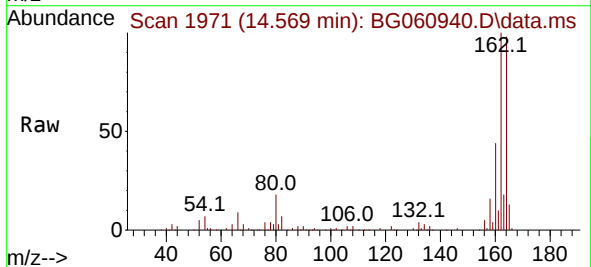
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

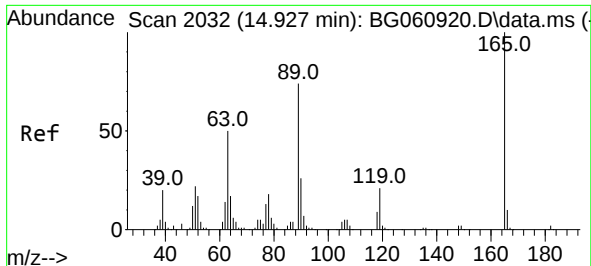
Tgt Ion:172 Resp: 901426
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.9 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.929 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:165 Resp: 19774
Ion Ratio Lower Upper
165 100
63 0.0 53.8 80.8#
89 1.4 48.2 72.4#

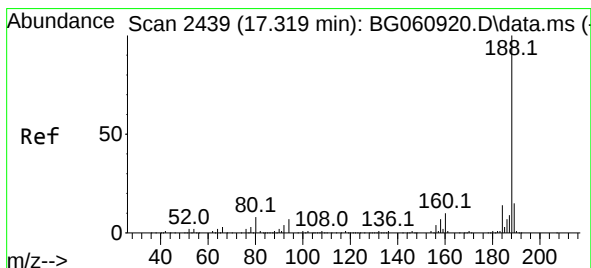
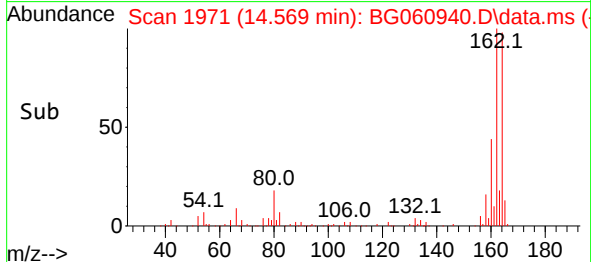
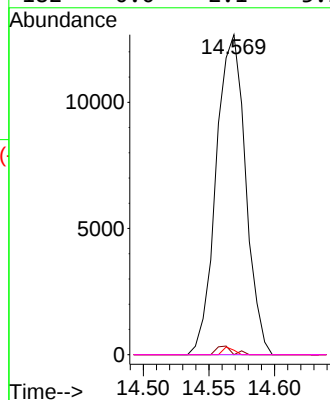
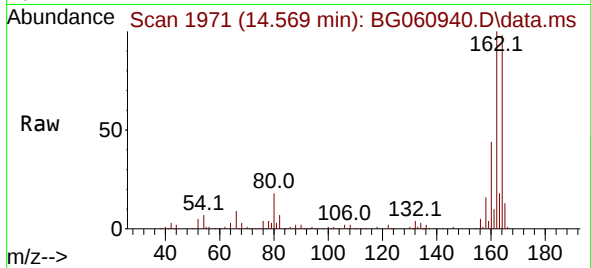




#57
2,4-Dinitrotoluene
Concen: 5.548 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.358 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

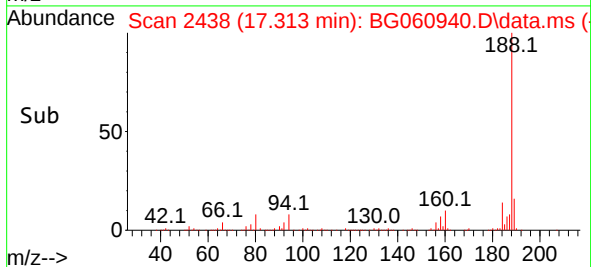
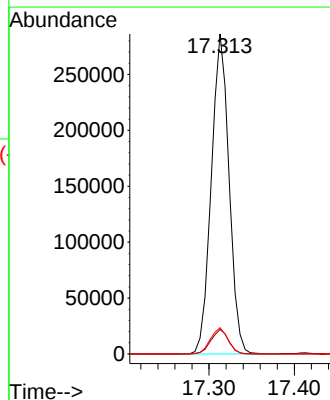
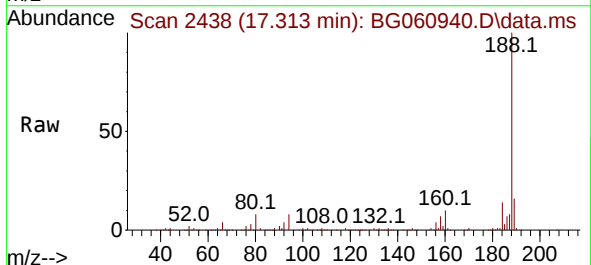
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

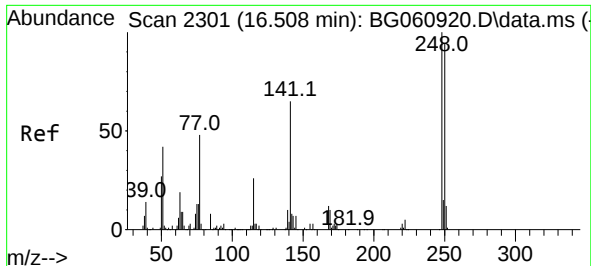
Tgt Ion:165 Resp: 19774
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.2#
89 1.4 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:188 Resp: 412862
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.2 6.6 9.8

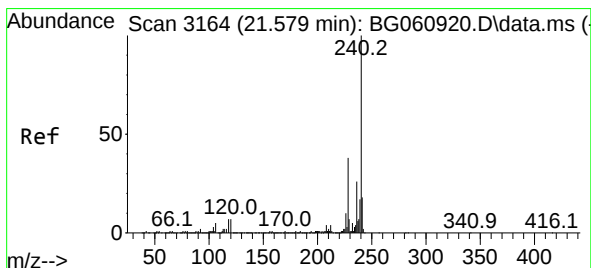
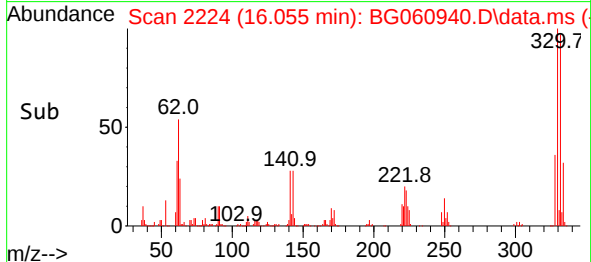
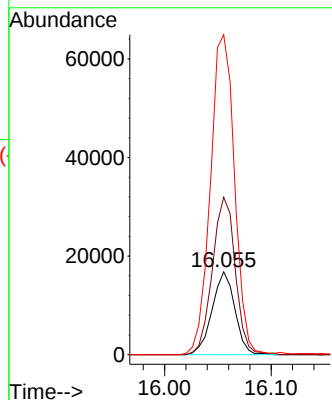
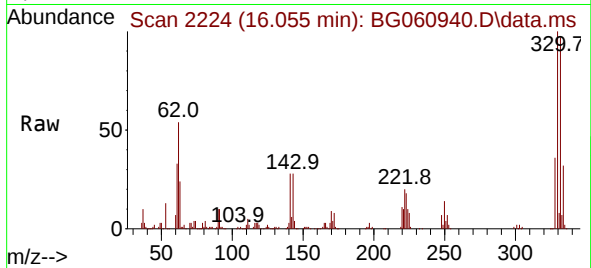




#67
4-Bromophenyl-phenylether
Concen: 5.388 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

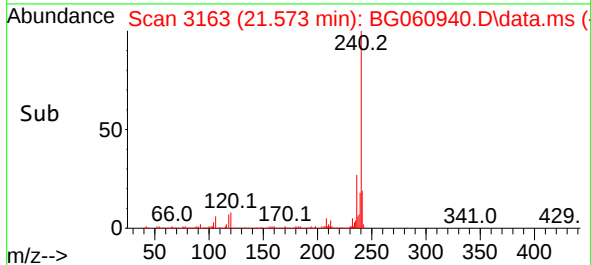
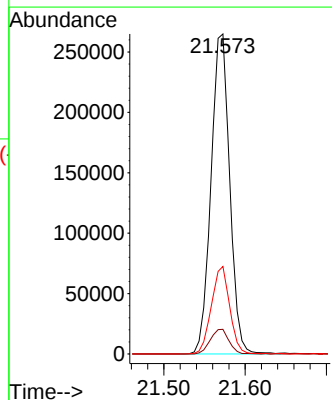
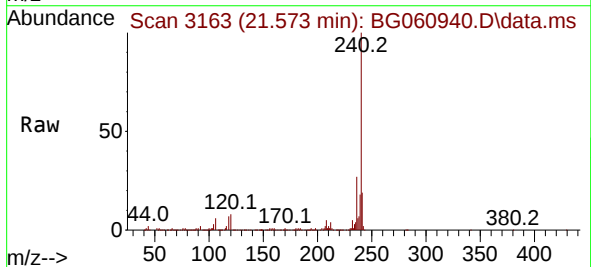
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

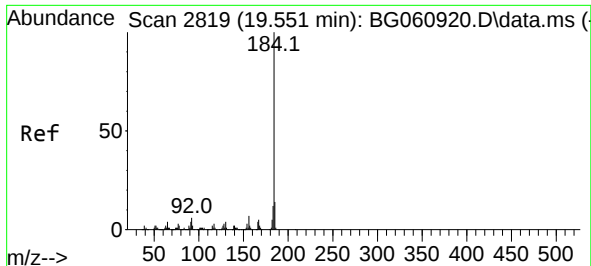
Tgt Ion:248 Resp: 24921
Ion Ratio Lower Upper
248 100
250 189.9 75.4 113.2#
141 386.1 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:240 Resp: 422944
Ion Ratio Lower Upper
240 100
120 7.7 5.7 8.5
236 27.3 21.1 31.7

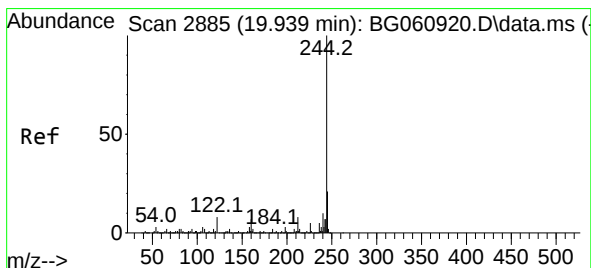
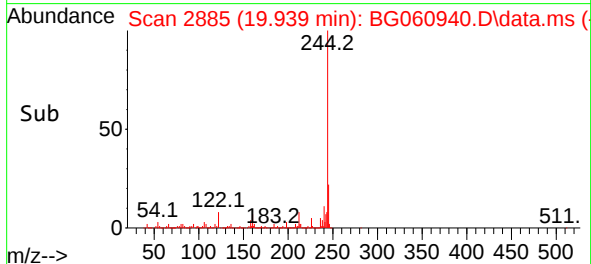
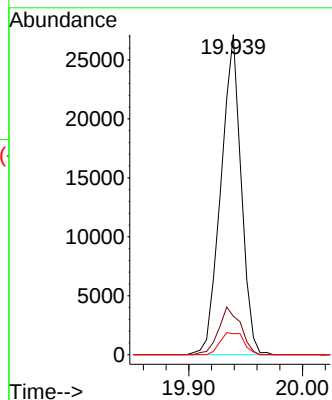
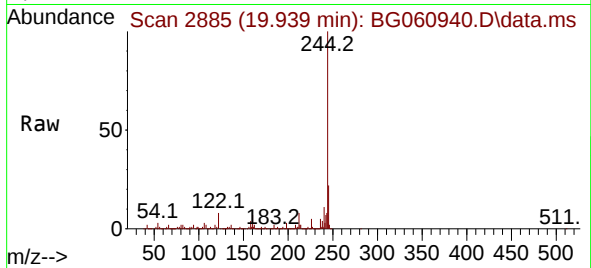




#77
Benzidine
Concen: 3.599 ng
RT: 19.939 min Scan# 2819
Delta R.T. 0.388 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

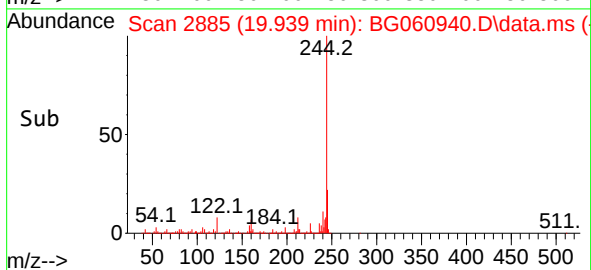
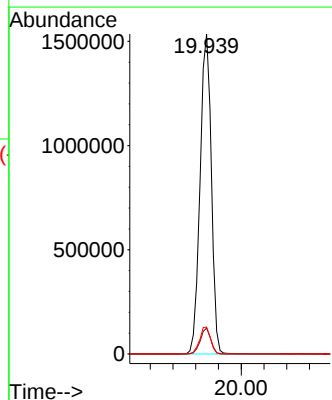
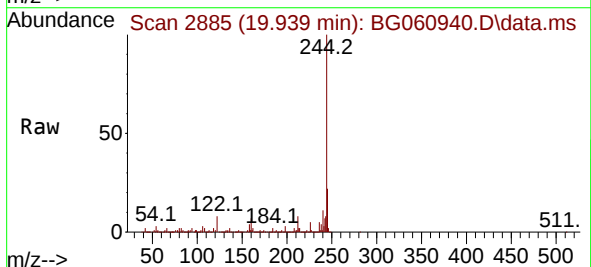
Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

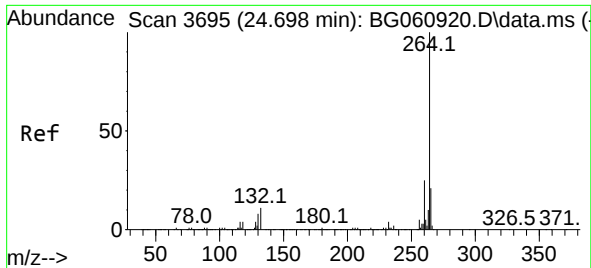
Tgt Ion:184 Resp: 33573
Ion Ratio Lower Upper
184 100
185 12.0 11.4 17.0
183 6.5 9.4 14.2#



#79
Terphenyl-d14
Concen: 87.202 ng
RT: 19.939 min Scan# 2885
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:244 Resp: 2113274
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.4
122 8.4 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: BG060940.D
 Acq: 18 Apr 2024 17:54

Instrument :
 BNA_G
 ClientSampleId :
 ARCOLA-SP-1

Tgt Ion:264 Resp: 497804
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.6 29.4
 265 21.5 16.6 25.0

