

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
 Data File : BG059724.D
 Acq On : 16 Nov 2023 18:56
 Operator : MA/JU
 Sample : 05348-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BPOW5-3-20231108

Quant Time: Nov 17 02:33:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

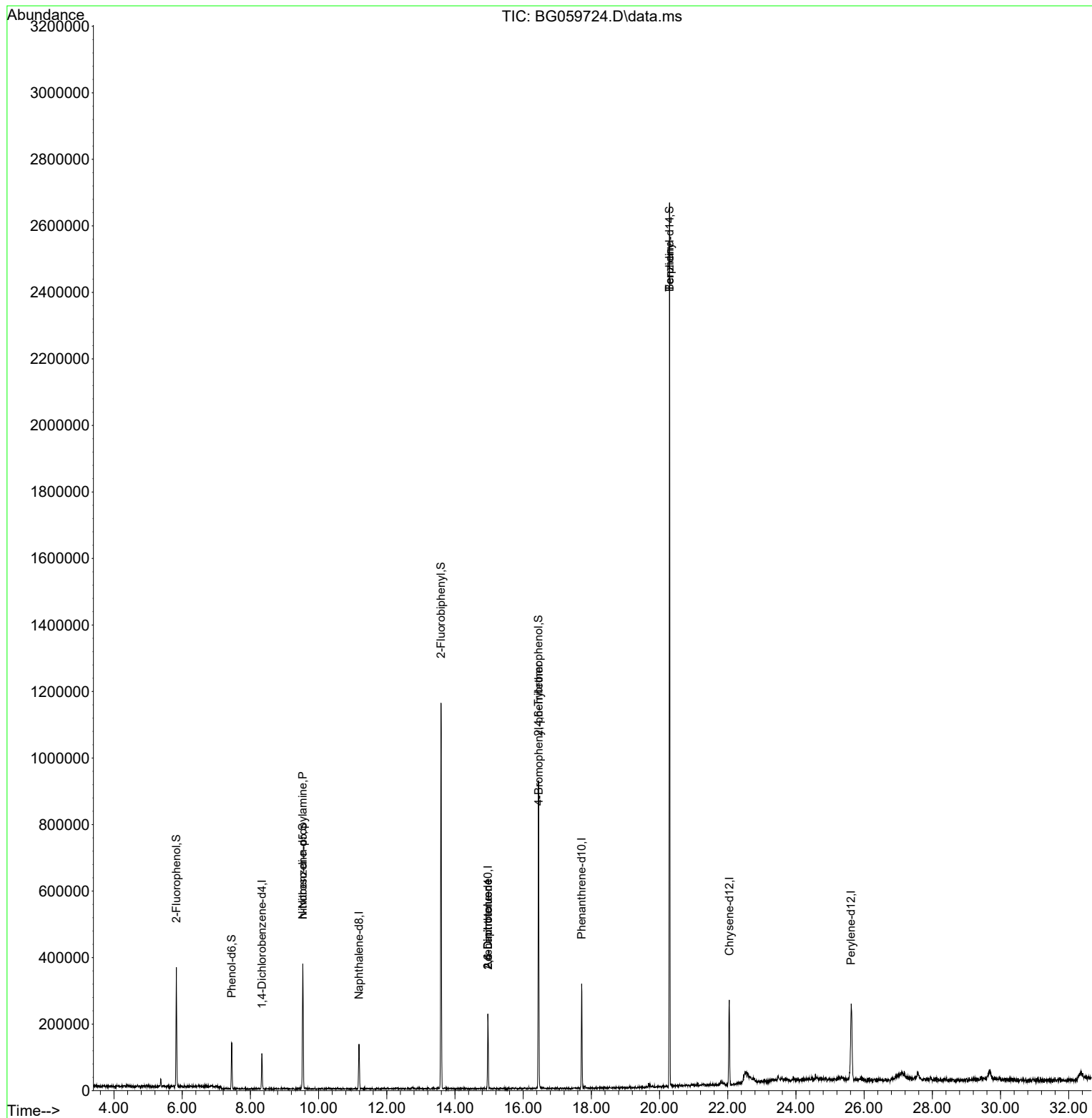
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	22469	20.000	ng	0.00
21) Naphthalene-d8	11.187	136	93816	20.000	ng	# 0.00
39) Acenaphthene-d10	14.965	164	70801	20.000	ng	0.00
64) Phenanthrene-d10	17.714	188	163595	20.000	ng	0.00
76) Chrysene-d12	22.045	240	157696	20.000	ng	# 0.00
86) Perylene-d12	25.617	264	275092	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.828	112	108687	81.417	ng	0.00
7) Phenol-d6	7.450	99	63922	32.312	ng	0.00
23) Nitrobenzene-d5	9.536	82	239203	97.378	ng	0.00
42) 2,4,6-Tribromophenol	16.451	330	115683	144.005	ng	0.00
45) 2-Fluorobiphenyl	13.590	172	498454	94.764	ng	0.00
79) Terphenyl-d14	20.294	244	1044682	97.796	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.536	70	38805	24.909	ng	# 72
51) 2,6-Dinitrotoluene	14.965	165	8052	7.736	ng	# 1
57) 2,4-Dinitrotoluene	14.965	165	8052	5.030	ng	# 4
67) 4-Bromophenyl-phenylether	16.457	248	9102	5.179	ng	# 1
77) Benzidine	20.294	184	32352	9.047	ng	# 90

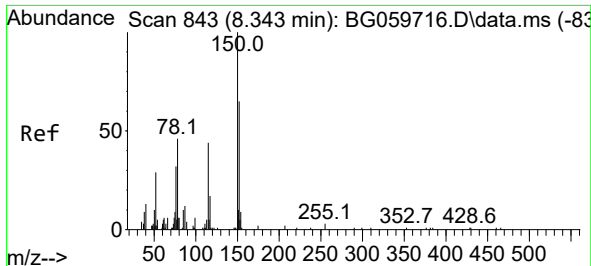
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111623\
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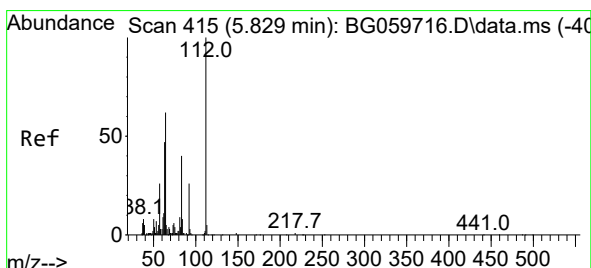
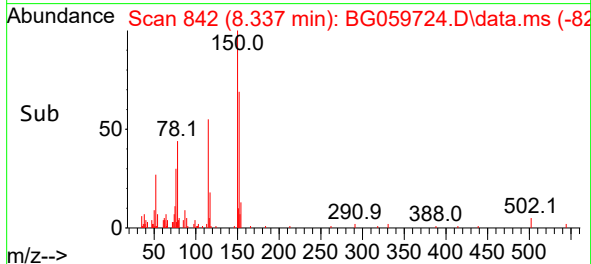
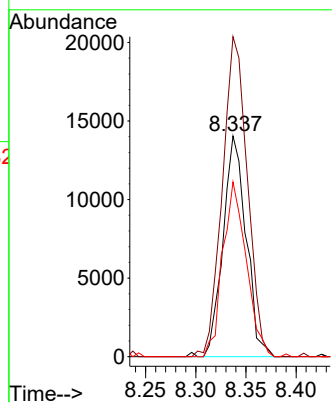
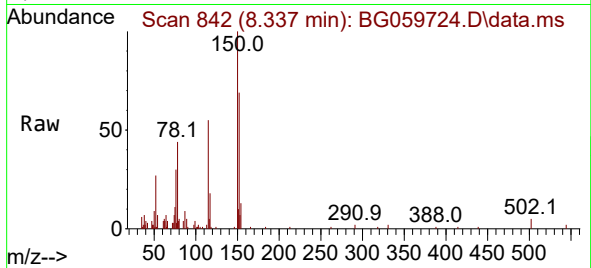




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 843
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

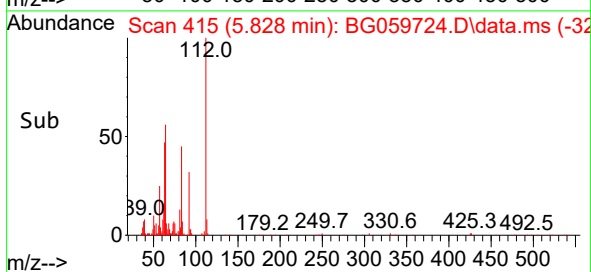
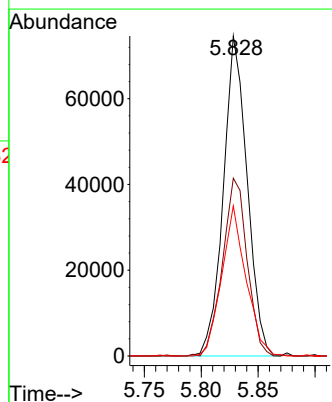
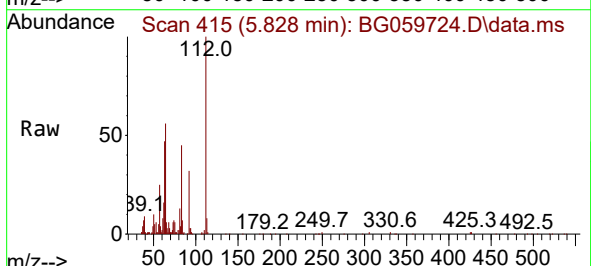
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

Tgt Ion:152 Resp: 22469
Ion Ratio Lower Upper
152 100
150 145.1 122.2 183.4
115 79.2 54.2 81.4



#5
2-Fluorophenol
Concen: 81.417 ng
RT: 5.828 min Scan# 415
Delta R.T. -0.000 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion:112 Resp: 108687
Ion Ratio Lower Upper
112 100
64 55.6 49.5 74.3
63 46.9 37.4 56.2

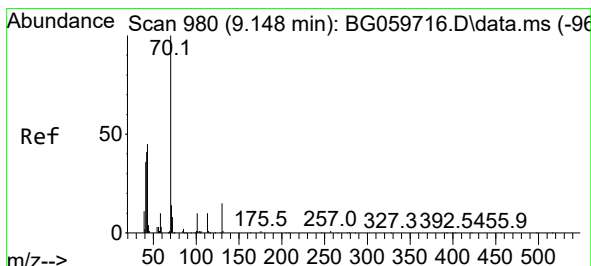
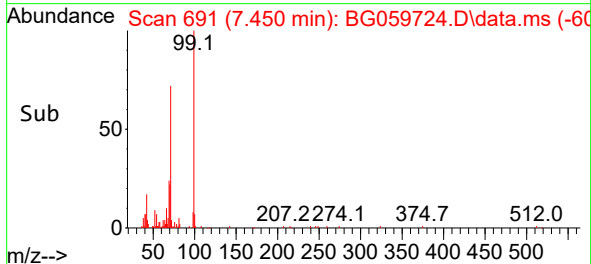
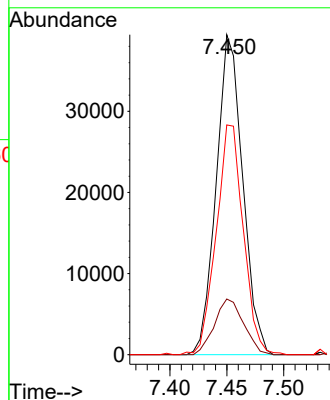
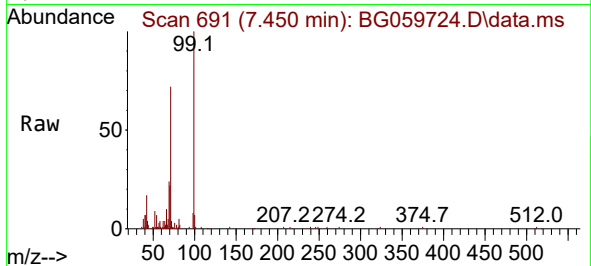




#7
Phenol-d6
Concen: 32.312 ng
RT: 7.450 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

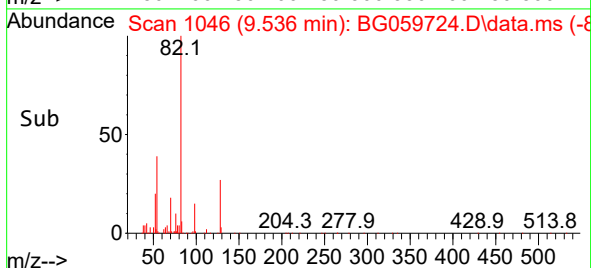
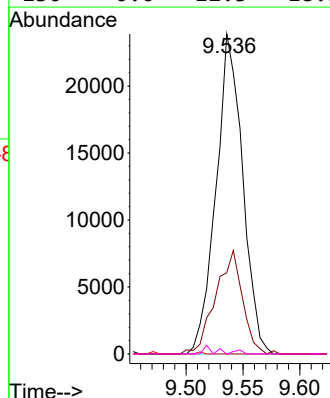
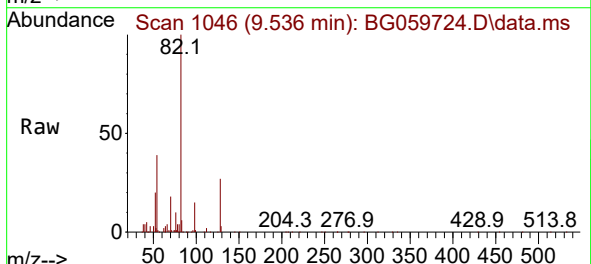
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

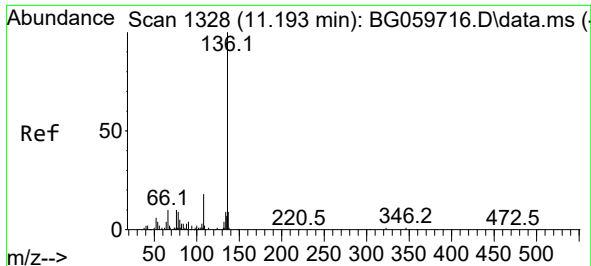
Tgt Ion: 99 Resp: 63922
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 71.8 59.3 88.9



#19
n-Nitroso-di-n-propylamine
Concen: 24.909 ng
RT: 9.536 min Scan# 1046
Delta R.T. 0.387 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion: 70 Resp: 38805
Ion Ratio Lower Upper
70 100
42 25.4 32.8 49.2#
101 0.0 7.7 11.5#
130 0.0 12.3 18.5#

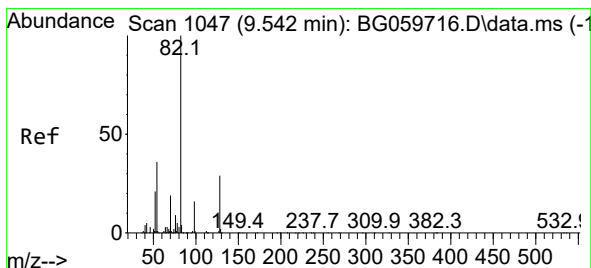
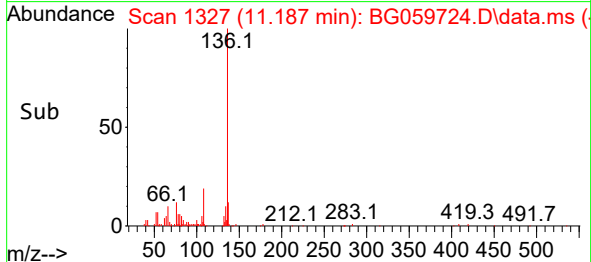
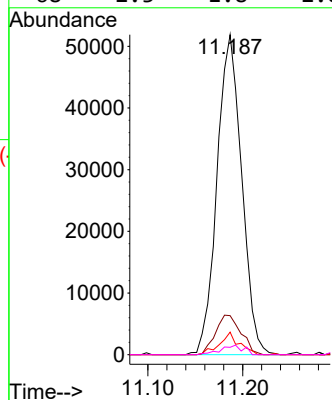
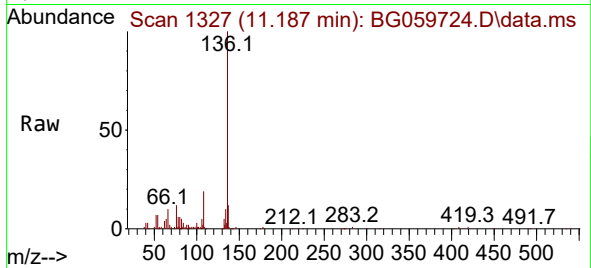




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.187 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

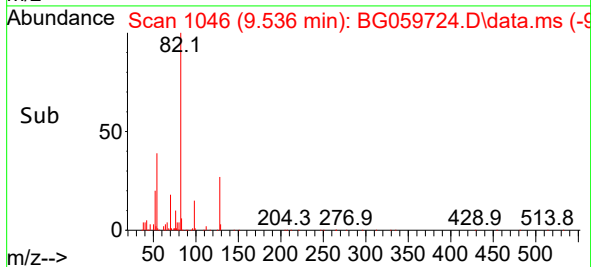
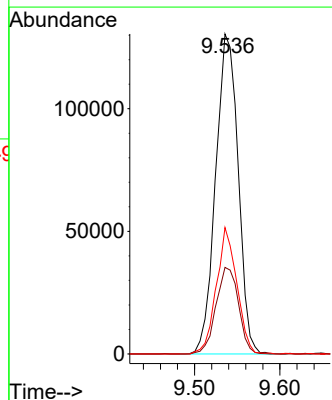
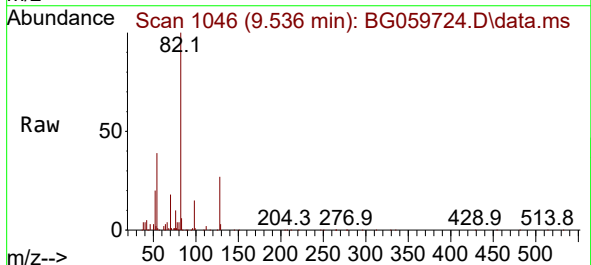
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

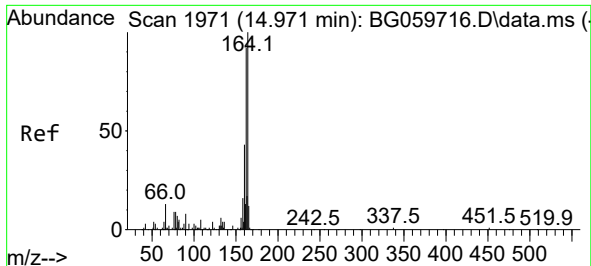
Tgt Ion:136 Resp: 93816
Ion Ratio Lower Upper
136 100
137 12.2 7.4 11.0#
54 7.0 3.1 4.7#
68 2.3 1.8 2.8



#23
Nitrobenzene-d5
Concen: 97.378 ng
RT: 9.536 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion: 82 Resp: 239203
Ion Ratio Lower Upper
82 100
128 27.1 23.0 34.6
54 39.5 28.7 43.1

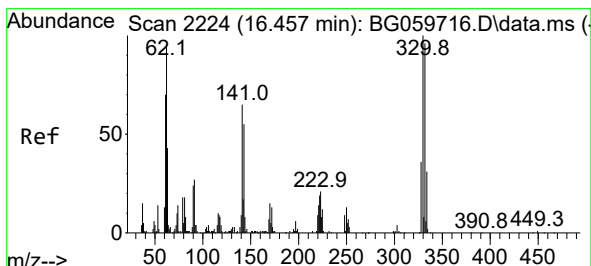
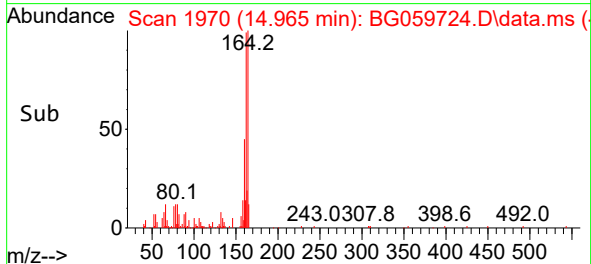
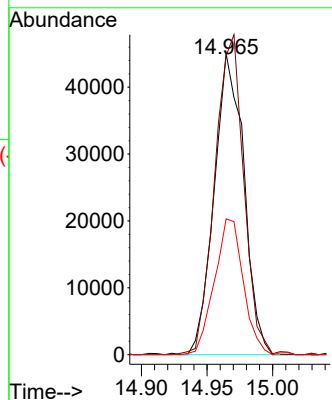
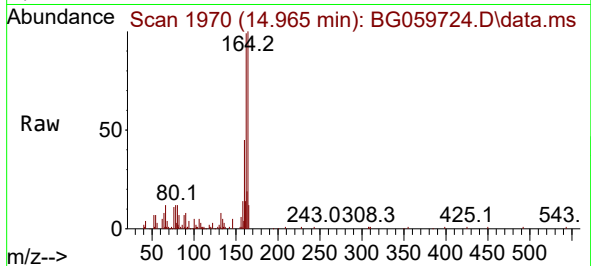




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.965 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

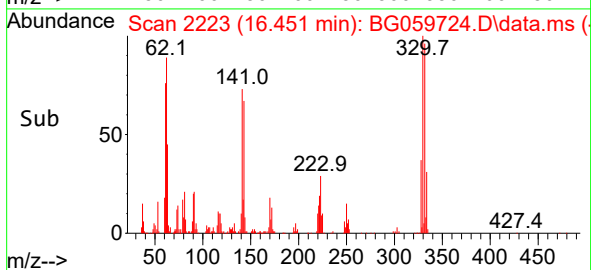
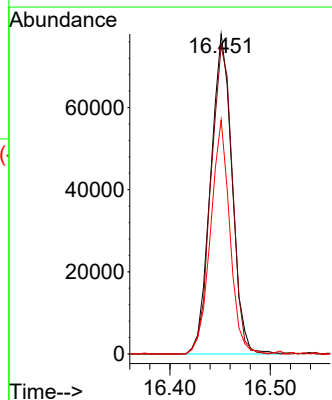
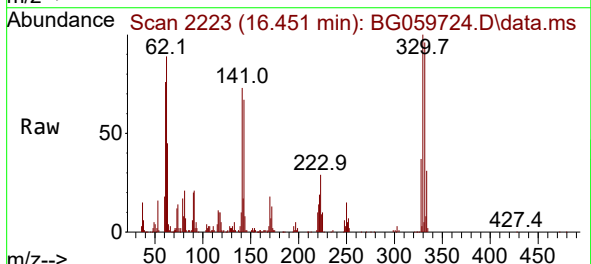
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

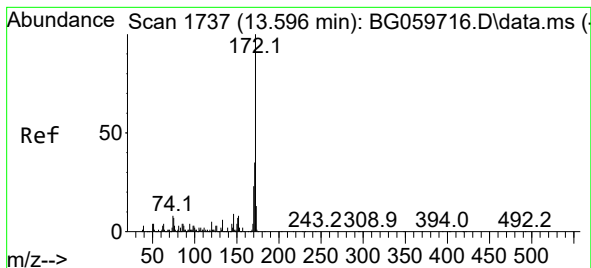
Tgt Ion:164 Resp: 70801
Ion Ratio Lower Upper
164 100
162 99.2 73.3 109.9
160 45.1 34.1 51.1



#42
2,4,6-Tribromophenol
Concen: 144.005 ng
RT: 16.451 min Scan# 2223
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion:330 Resp: 115683
Ion Ratio Lower Upper
330 100
332 96.7 73.3 109.9
141 65.7 52.1 78.1





#45

2-Fluorobiphenyl

Concen: 94.764 ng

RT: 13.590 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG059724.D

Acq: 16 Nov 2023 18:56

Instrument :

BNA_G

ClientSampleId :

BPOW5-3-20231108

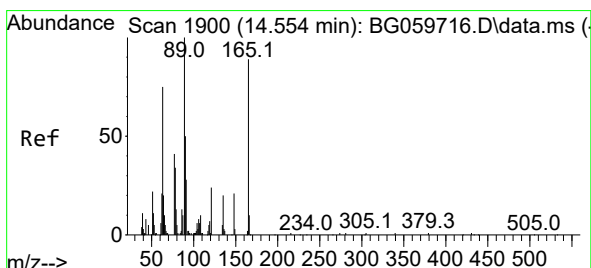
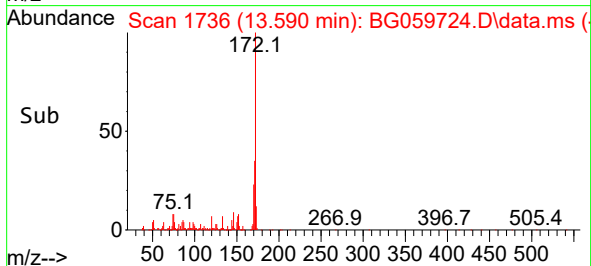
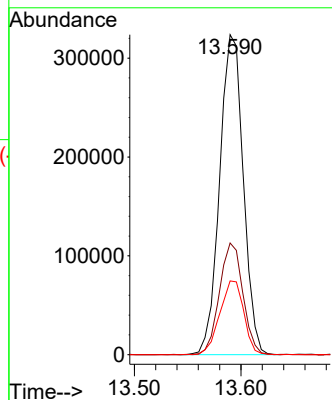
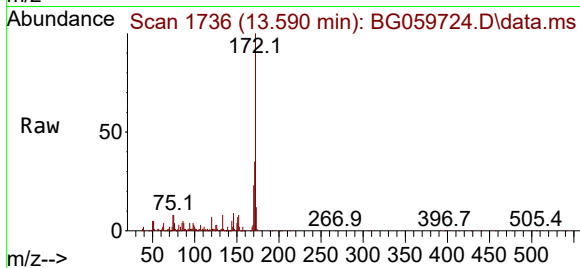
Tgt Ion:172 Resp: 498454

Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.1 18.4 27.6



#51

2,6-Dinitrotoluene

Concen: 7.736 ng

RT: 14.965 min Scan# 1970

Delta R.T. 0.411 min

Lab File: BG059724.D

Acq: 16 Nov 2023 18:56

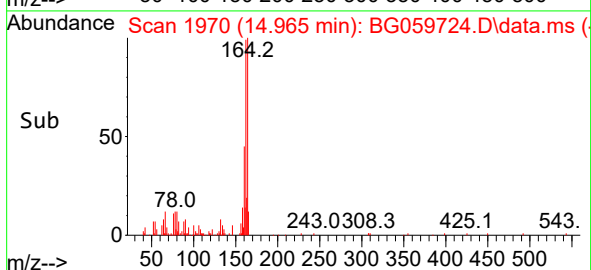
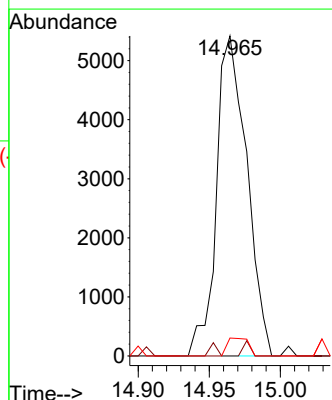
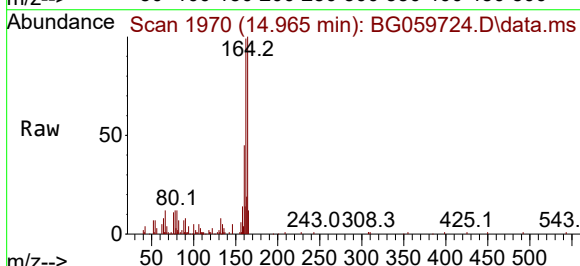
Tgt Ion:165 Resp: 8052

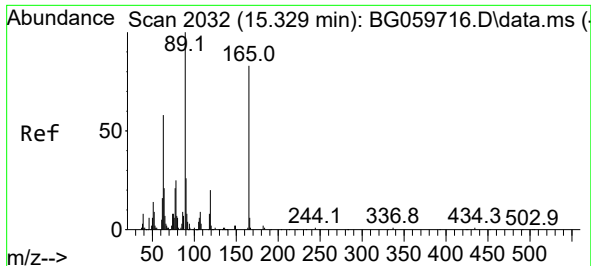
Ion Ratio Lower Upper

165 100

63 0.0 75.3 112.9#

89 5.6 90.9 136.3#





#57

2,4-Dinitrotoluene

Concen: 5.030 ng

RT: 14.965 min Scan# 1970

Delta R.T. -0.365 min

Lab File: BG059724.D

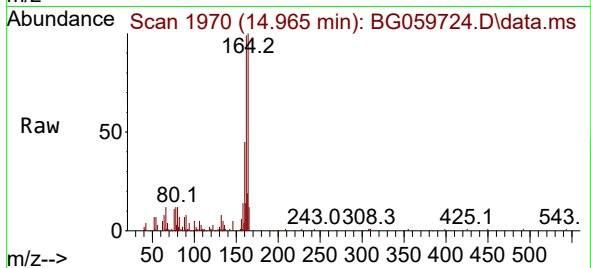
Acq: 16 Nov 2023 18:56

Instrument :

BNA_G

ClientSampleId :

BPOW5-3-20231108



Tgt Ion:165 Resp: 8052

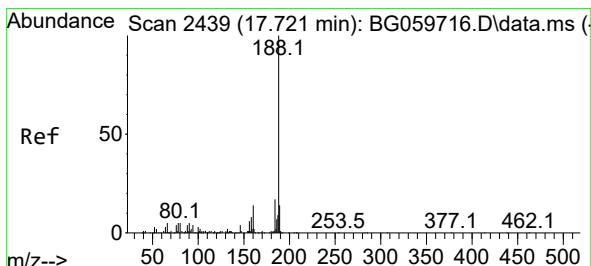
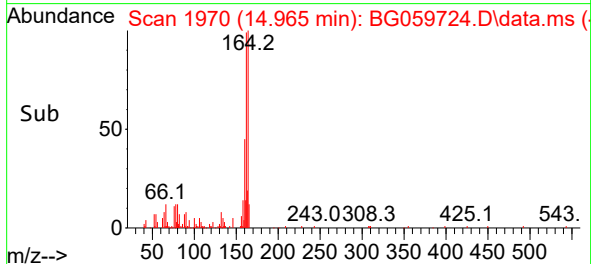
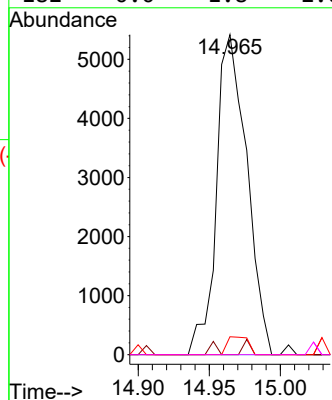
Ion Ratio Lower Upper

165 100

63 0.0 55.8 83.8#

89 5.6 96.9 145.3#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.714 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BG059724.D

Acq: 16 Nov 2023 18:56

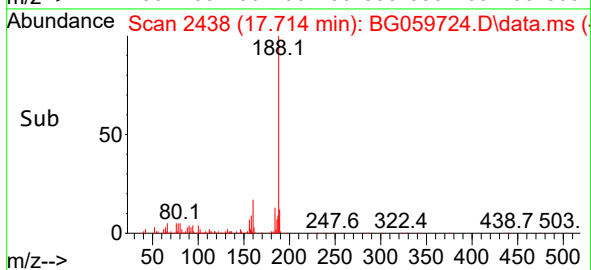
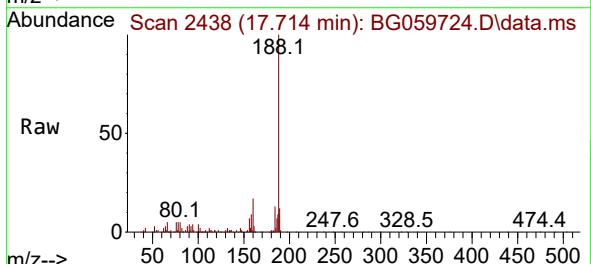
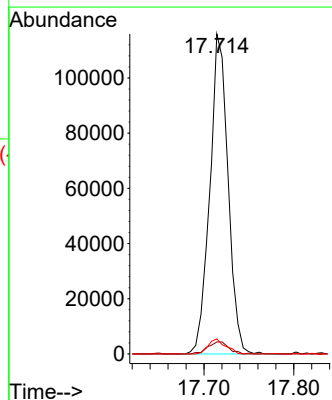
Tgt Ion:188 Resp: 163595

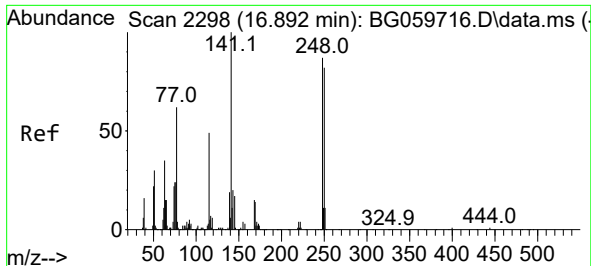
Ion Ratio Lower Upper

188 100

94 3.8 3.0 4.4

80 4.7 4.2 6.4

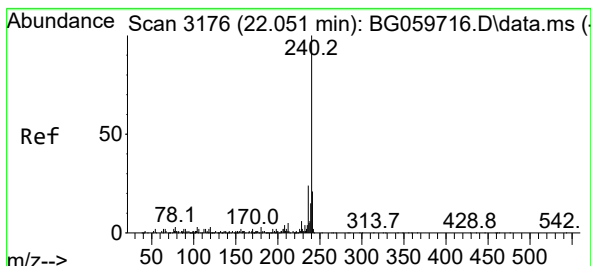
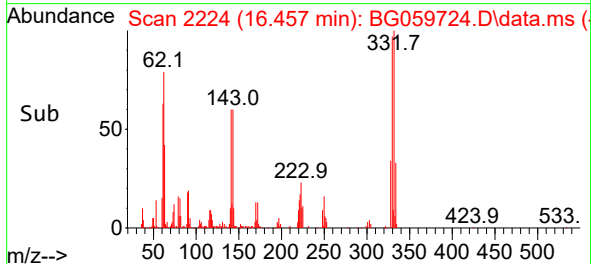
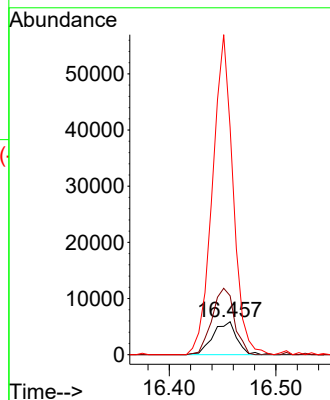
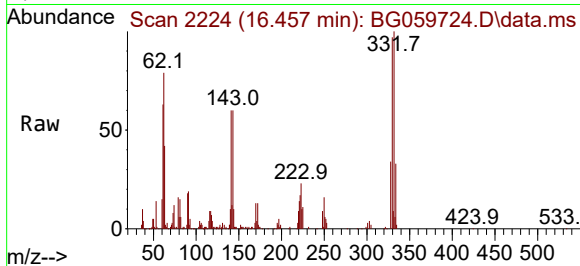




#67
4-Bromophenyl-phenylether
Concen: 5.179 ng
RT: 16.457 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

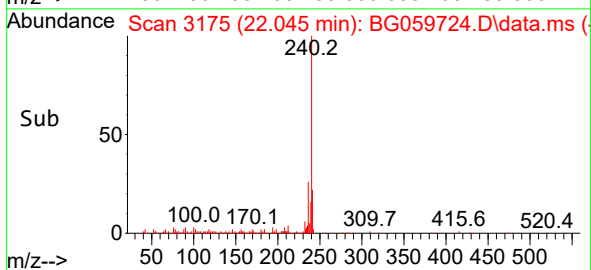
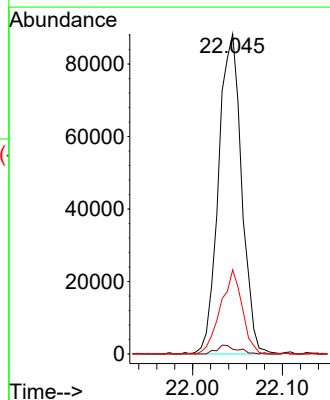
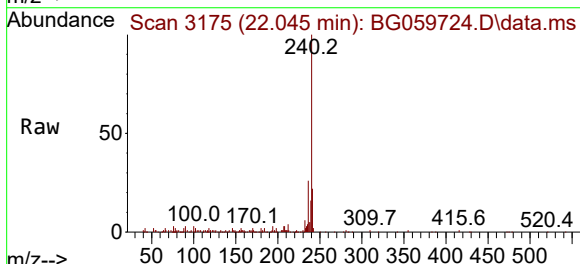
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

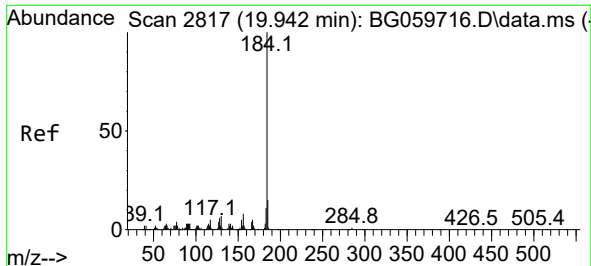
Tgt Ion:248 Resp: 9102
Ion Ratio Lower Upper
248 100
250 178.6 75.2 112.8#
141 687.8 91.5 137.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.045 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion:240 Resp: 157696
Ion Ratio Lower Upper
240 100
120 1.4 2.2 3.2#
236 26.3 19.4 29.2

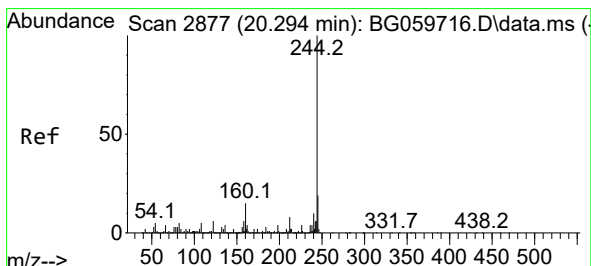
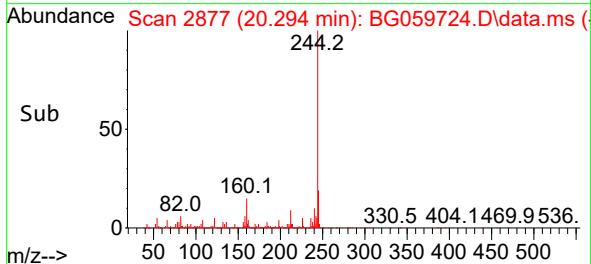
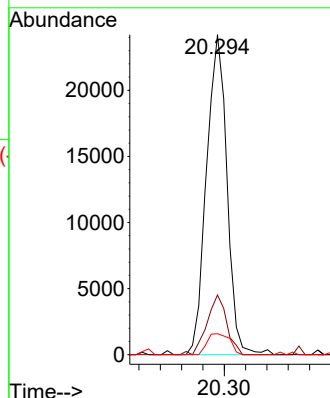
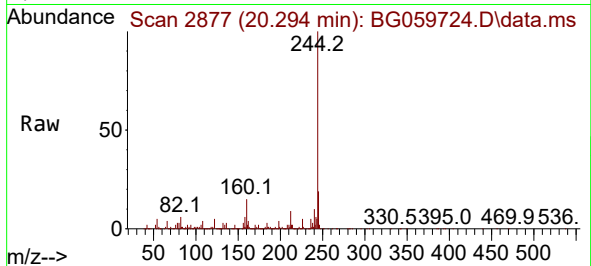




#77
Benzidine
Concen: 9.047 ng
RT: 20.294 min Scan# 2817
Delta R.T. 0.352 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

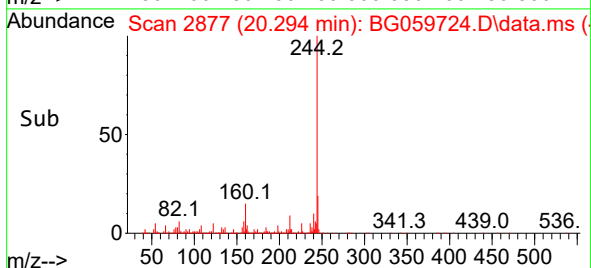
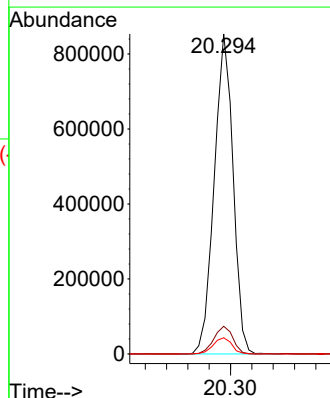
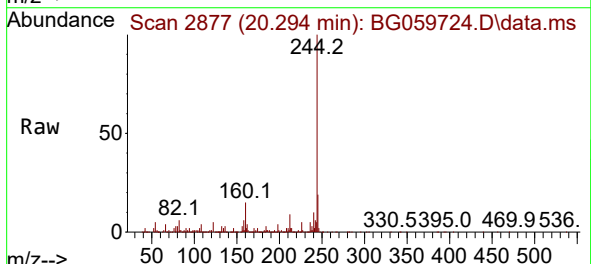
Instrument :
BNA_G
ClientSampleId :
BPOW5-3-20231108

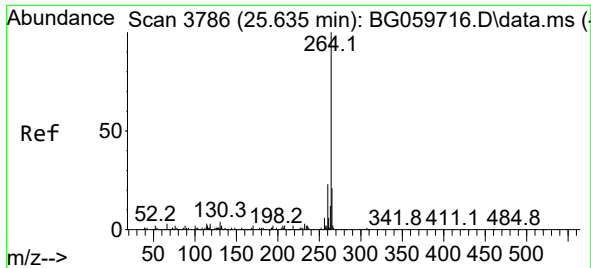
Tgt Ion:184 Resp: 32352
Ion Ratio Lower Upper
184 100
185 18.7 12.2 18.2#
183 6.6 8.8 13.2#



#79
Terphenyl-d14
Concen: 97.796 ng
RT: 20.294 min Scan# 2877
Delta R.T. -0.000 min
Lab File: BG059724.D
Acq: 16 Nov 2023 18:56

Tgt Ion:244 Resp: 1044682
Ion Ratio Lower Upper
244 100
212 8.7 6.6 10.0
122 5.1 4.4 6.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.617 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG059724.D
 Acq: 16 Nov 2023 18:56

Instrument :
 BNA_G
 ClientSampleId :
 BPOW5-3-20231108

Tgt Ion:264 Resp: 275092
 Ion Ratio Lower Upper
 264 100
 260 20.4 18.5 27.7
 265 17.9 17.0 25.6

