

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058838.D
 Acq On : 24 Aug 2023 14:35
 Operator : MA/JU
 Sample : 04090-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-K

Quant Time: Aug 24 15:10:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 01:40:57 2023
 Response via : Initial Calibration

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

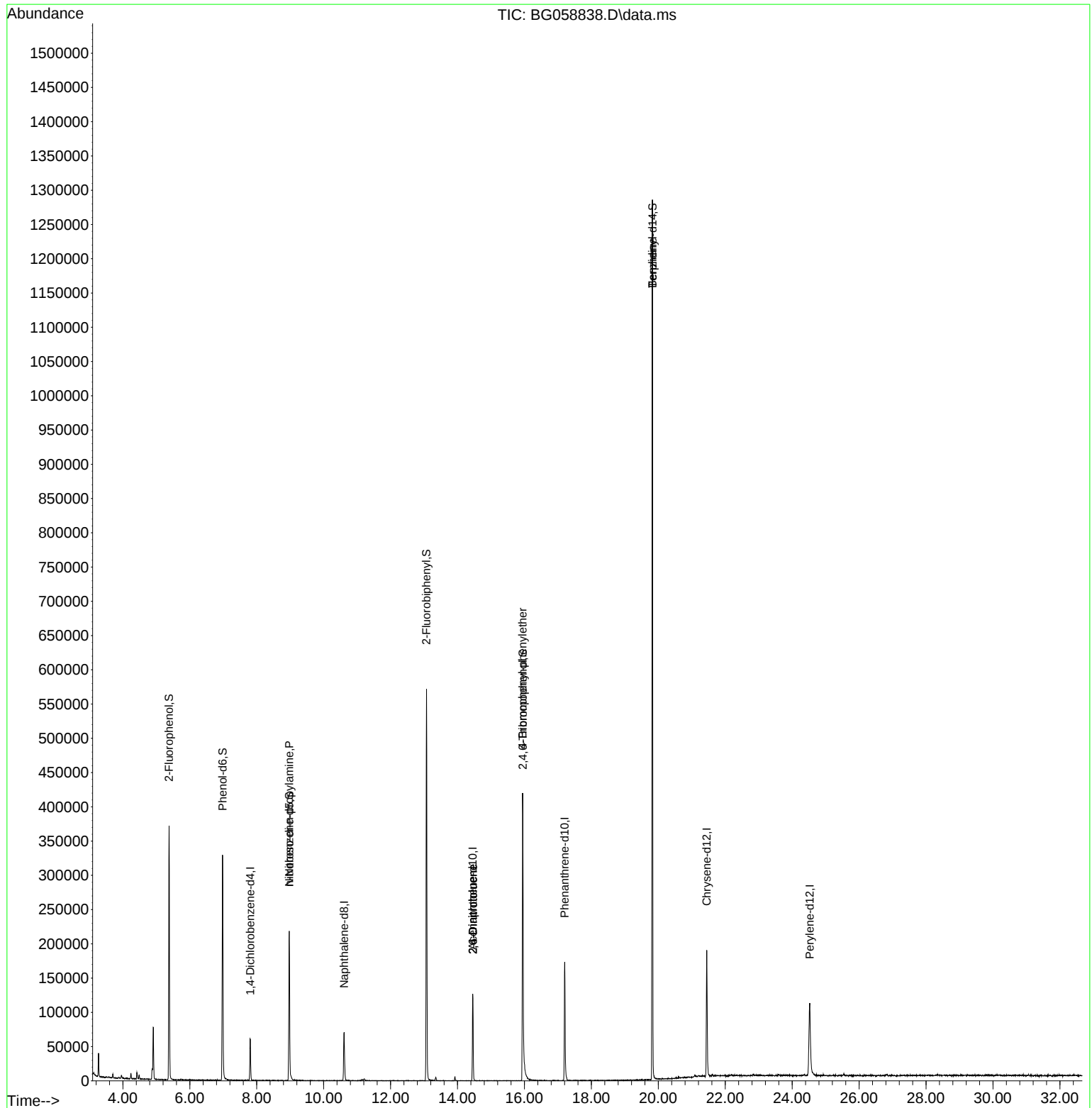
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	16980	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	68297	20.000	ng	0.00
39) Acenaphthene-d10	14.453	164	50504	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	134451	20.000	ng	0.00
76) Chrysene-d12	21.445	240	124031	20.000	ng	0.00
86) Perylene-d12	24.524	264	148435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	145660	138.047	ng	0.00
7) Phenol-d6	6.980	99	182681	123.401	ng	0.00
23) Nitrobenzene-d5	8.972	82	134235	94.495	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	115864	146.313	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	322605	92.907	ng	0.00
79) Terphenyl-d14	19.824	244	699308	101.238	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	16653	17.402	ng	# 79
51) 2,6-Dinitrotoluene	14.459	165	6468	7.873	ng	# 22
57) 2,4-Dinitrotoluene	14.459	165	6468	5.645	ng	# 19
67) 4-Bromophenyl-phenylether	15.946	248	6963	4.719	ng	# 1
77) Benzidine	19.824	184	9754	4.388	ng	# 90

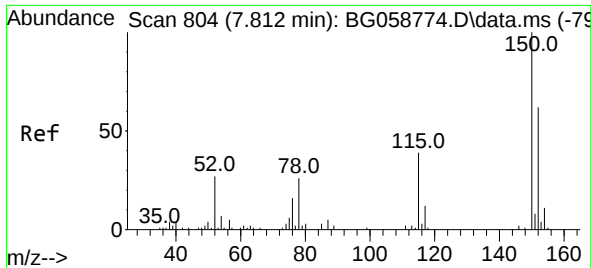
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
Data File : BG058838.D
Acq On : 24 Aug 2023 14:35
Operator : MA/JU
Sample : 04090-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-K

Quant Time: Aug 24 15:10:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 01:40:57 2023
Response via : Initial Calibration

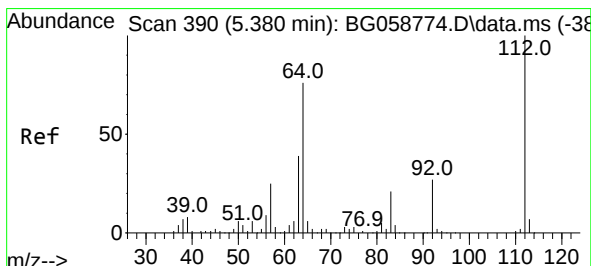
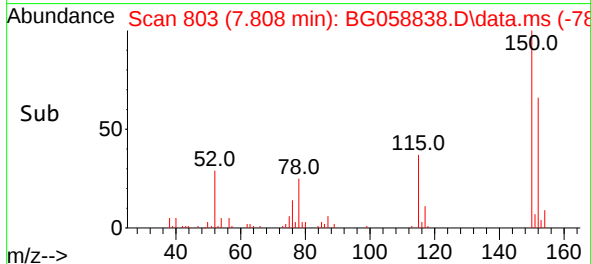
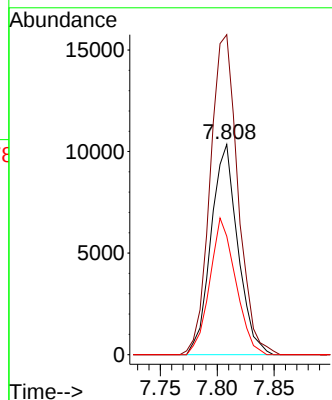
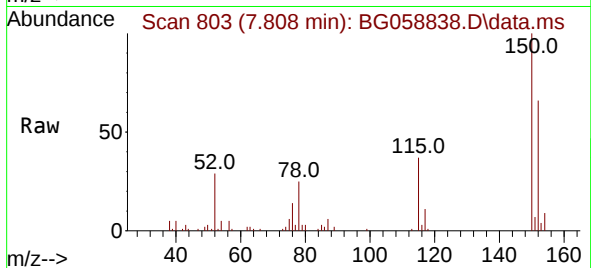




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.808 min Scan# 804
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

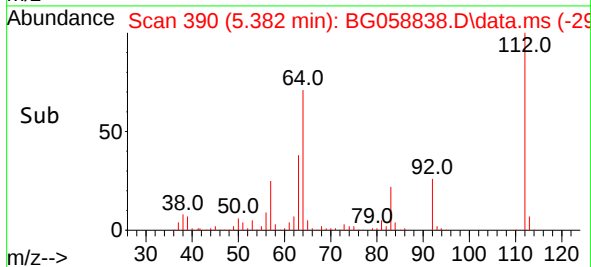
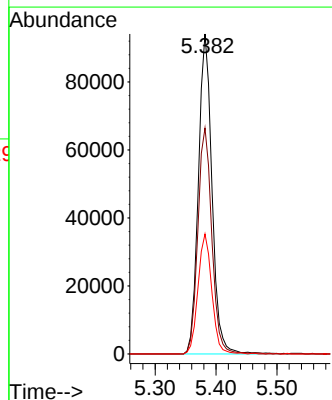
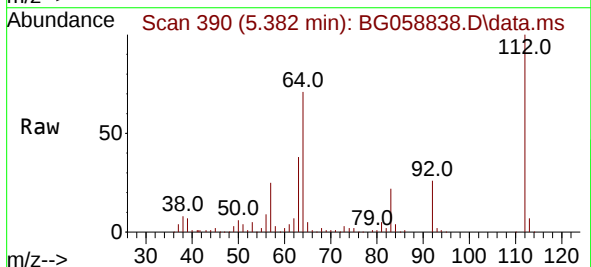
Instrument :
BNA_G
ClientSampleId :
TP-K

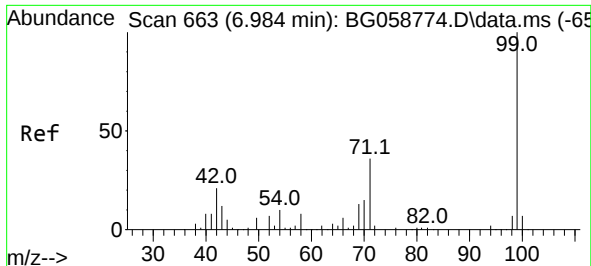
Tgt Ion:152 Resp: 16980
Ion Ratio Lower Upper
152 100
150 152.2 128.6 192.8
115 56.3 50.4 75.6



#5
2-Fluorophenol
Concen: 138.047 ng
RT: 5.382 min Scan# 390
Delta R.T. 0.002 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:112 Resp: 145660
Ion Ratio Lower Upper
112 100
64 70.6 60.6 90.8
63 37.5 31.0 46.4

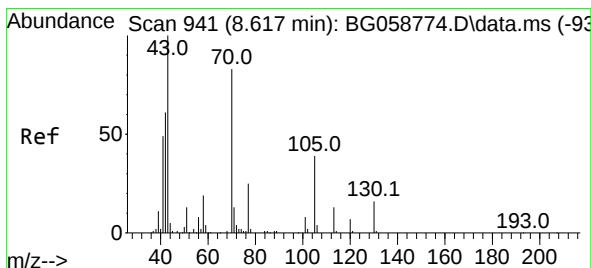
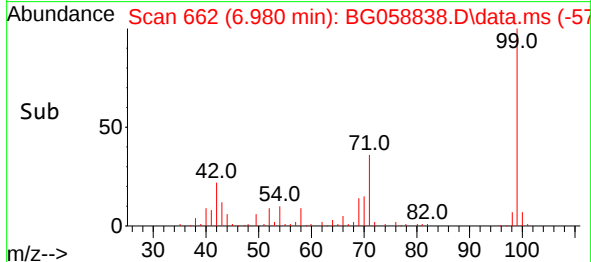
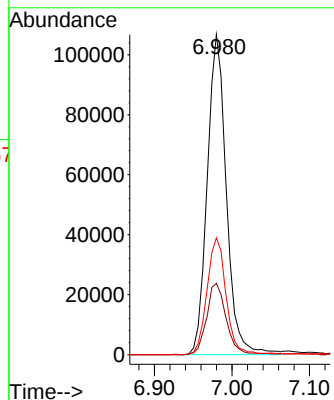
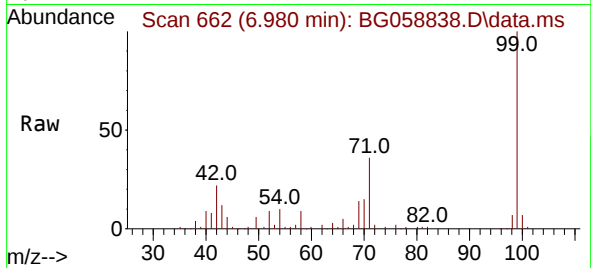




#7
Phenol-d6
Concen: 123.401 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

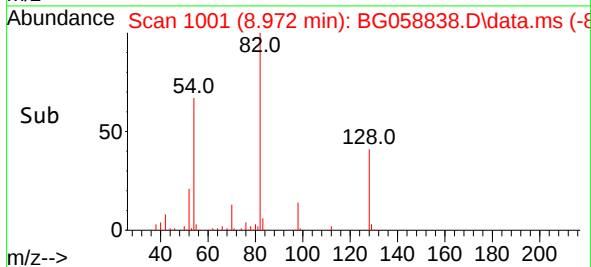
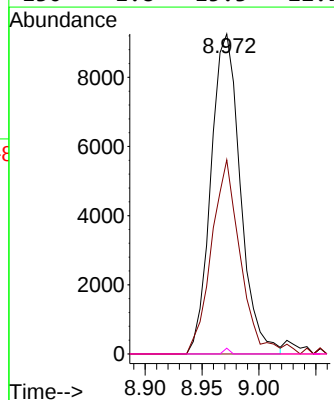
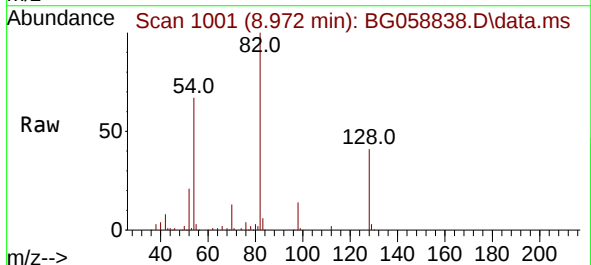
Instrument :
BNA_G
ClientSampleId :
TP-K

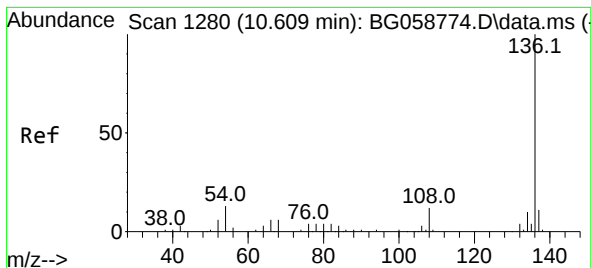
Tgt Ion: 99 Resp: 182681
Ion Ratio Lower Upper
99 100
42 22.3 16.5 24.7
71 36.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.402 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.354 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion: 70 Resp: 16653
Ion Ratio Lower Upper
70 100
42 60.6 59.2 88.8
101 0.0 8.2 12.2#
130 1.8 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.611 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

Instrument :

BNA_G

ClientSampleId :

TP-K

Tgt Ion:136 Resp: 68297

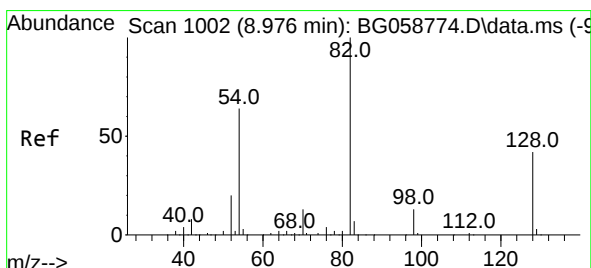
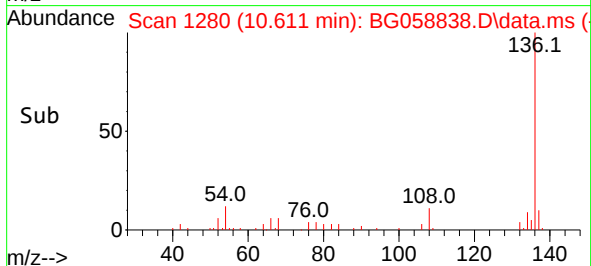
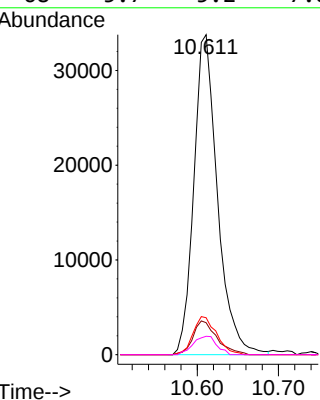
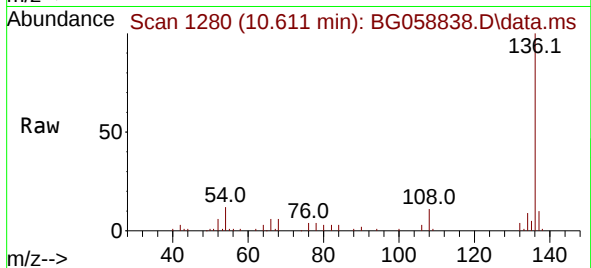
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 11.6 10.1 15.1

68 5.7 5.2 7.8



#23

Nitrobenzene-d5

Concen: 94.495 ng

RT: 8.972 min Scan# 1001

Delta R.T. -0.004 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

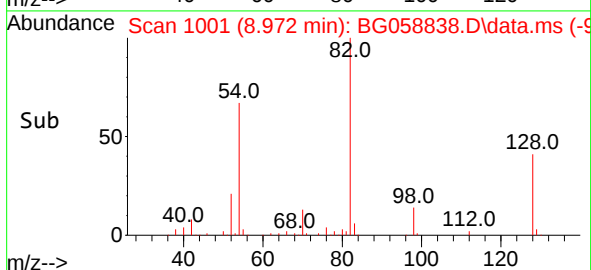
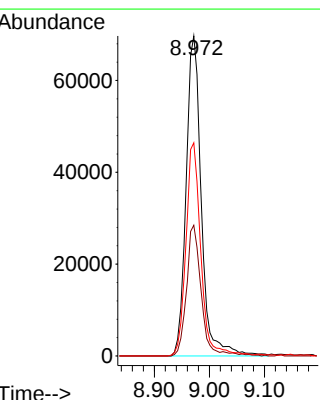
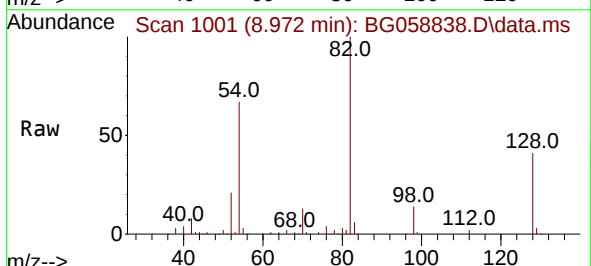
Tgt Ion: 82 Resp: 134235

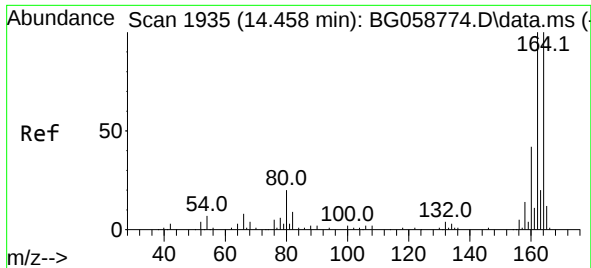
Ion Ratio Lower Upper

82 100

128 40.8 33.2 49.8

54 66.6 51.2 76.8

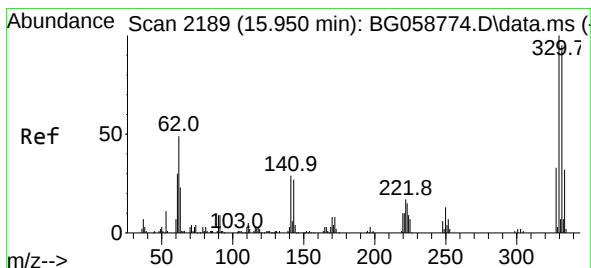
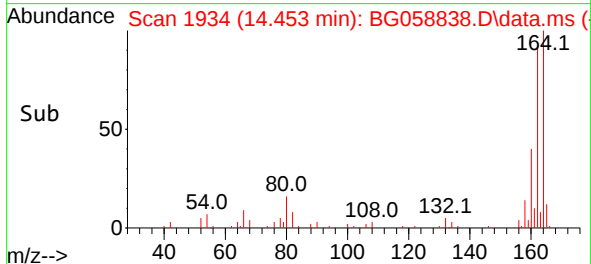
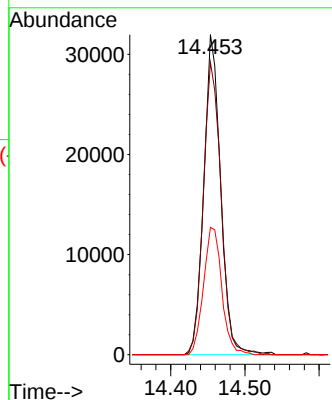
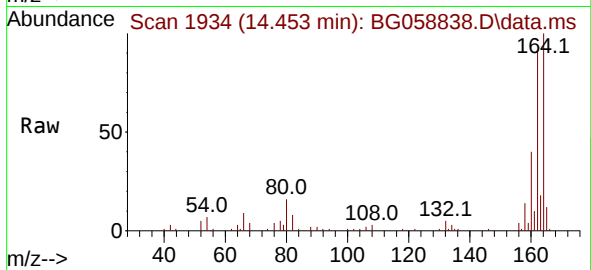




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 1934
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

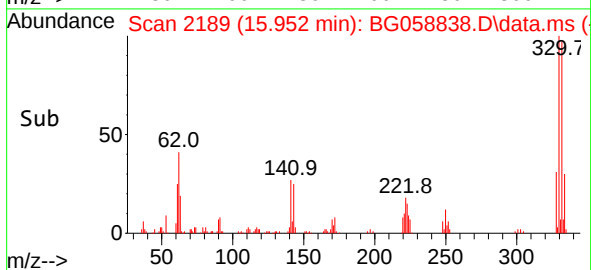
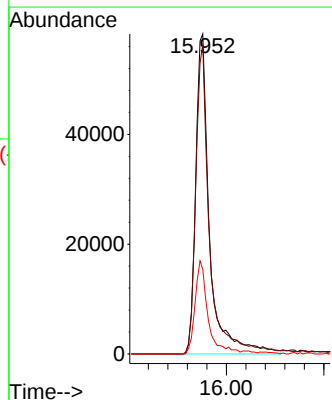
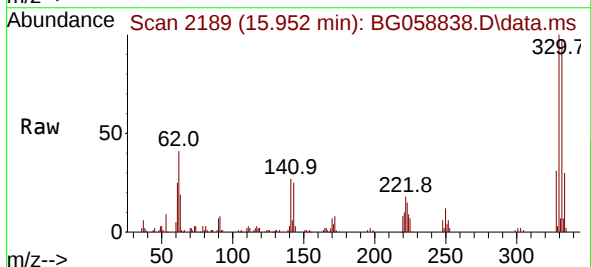
Instrument :
BNA_G
ClientSampleId :
TP-K

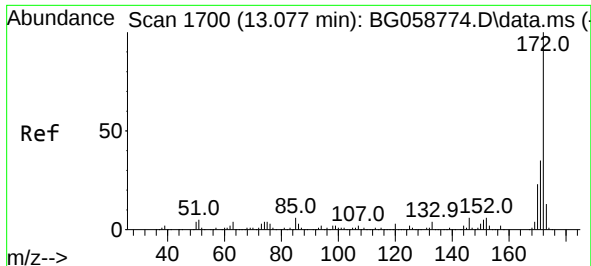
Tgt Ion:164 Resp: 50504
Ion Ratio Lower Upper
164 100
162 91.3 79.6 119.4
160 39.8 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 146.313 ng
RT: 15.952 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:330 Resp: 115864
Ion Ratio Lower Upper
330 100
332 95.9 78.5 117.7
141 27.0 23.0 34.6

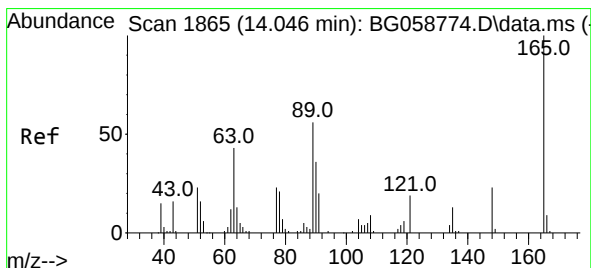
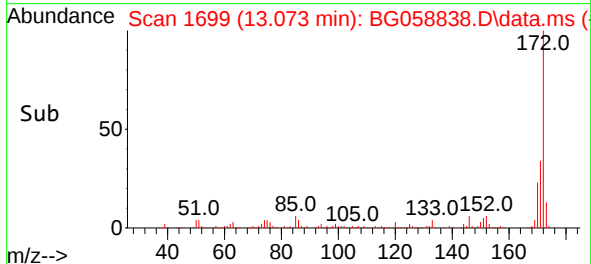
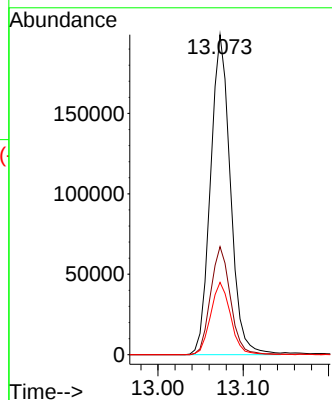
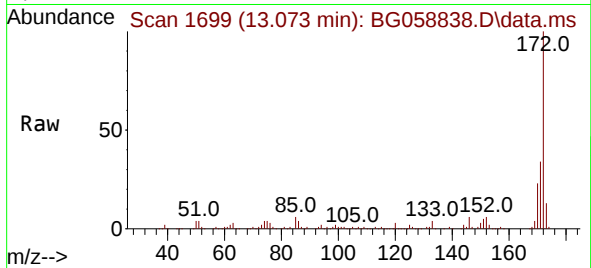




#45
2-Fluorobiphenyl
Concen: 92.907 ng
RT: 13.073 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

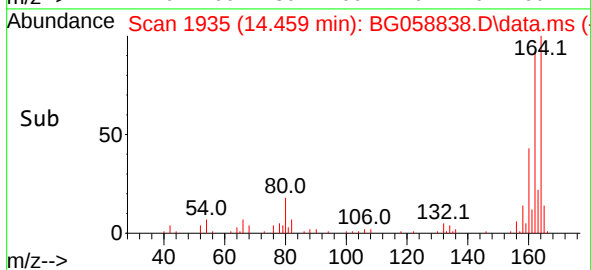
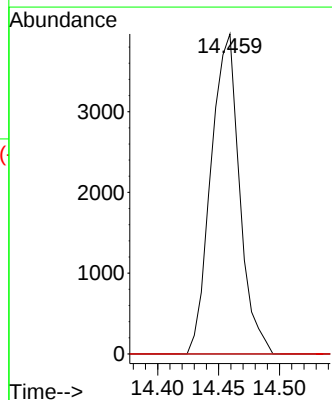
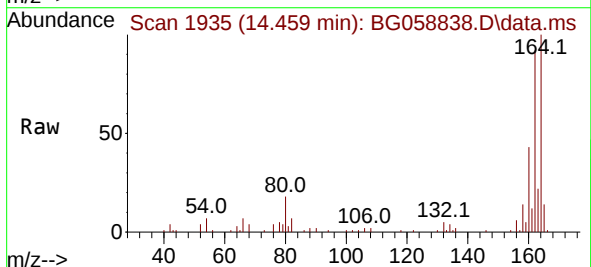
Instrument :
BNA_G
ClientSampleId :
TP-K

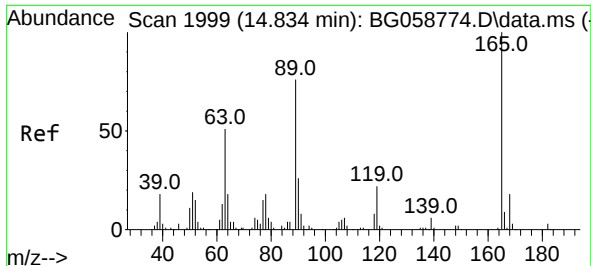
Tgt Ion:172 Resp: 322605
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.873 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.413 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:165 Resp: 6468
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.645 ng

RT: 14.459 min Scan# 1999

Delta R.T. -0.374 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

Instrument :

BNA_G

ClientSampleId :

TP-K

Tgt Ion:165 Resp: 6468

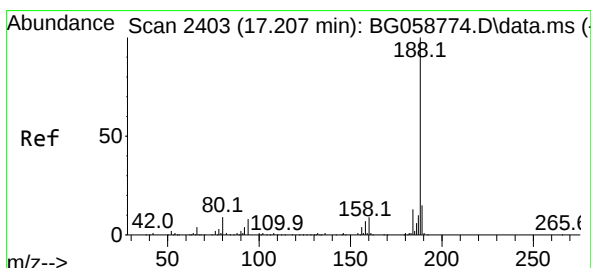
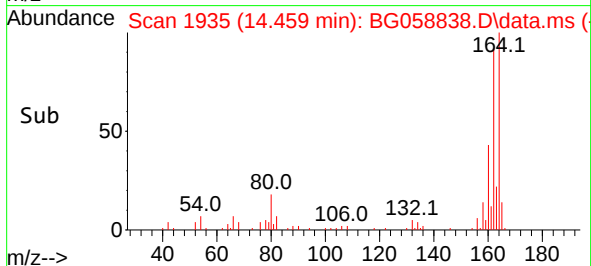
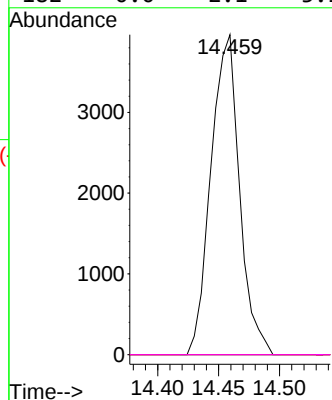
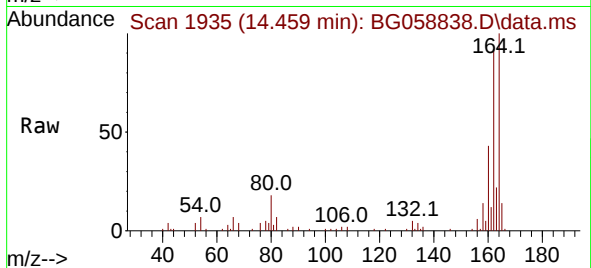
Ion Ratio Lower Upper

165 100

63 0.0 41.8 62.6#

89 0.0 60.7 91.1#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.203 min Scan# 2402

Delta R.T. -0.004 min

Lab File: BG058838.D

Acq: 24 Aug 2023 14:35

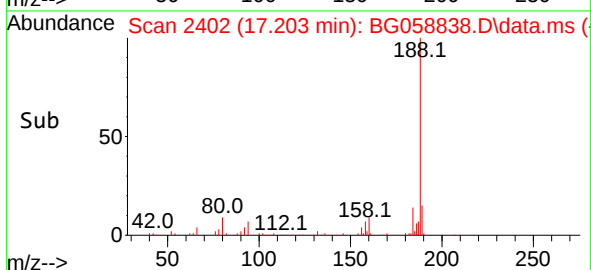
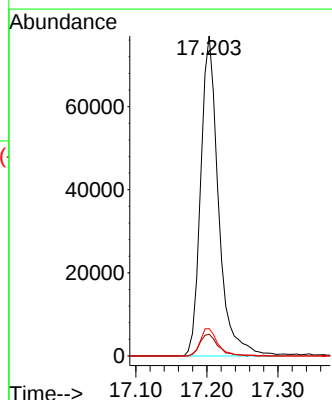
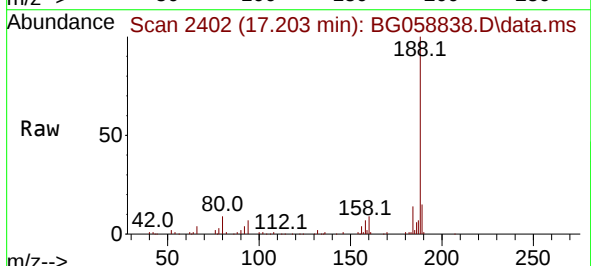
Tgt Ion:188 Resp: 134451

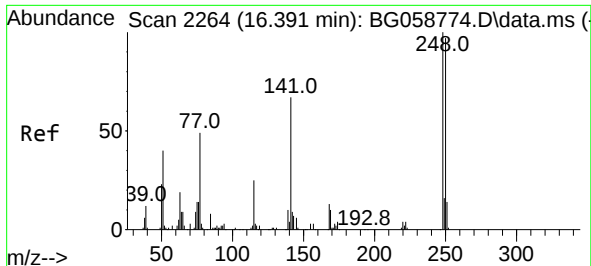
Ion Ratio Lower Upper

188 100

94 6.8 6.1 9.1

80 8.6 6.9 10.3

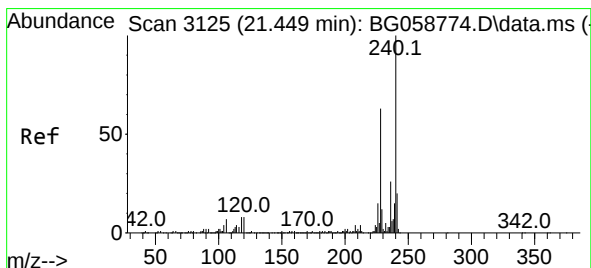
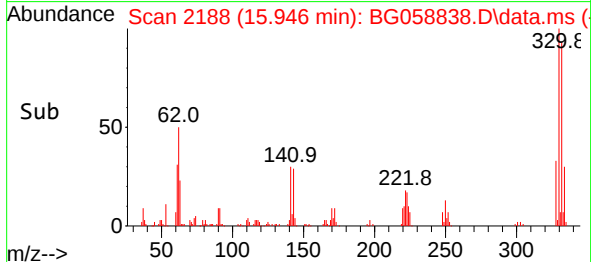
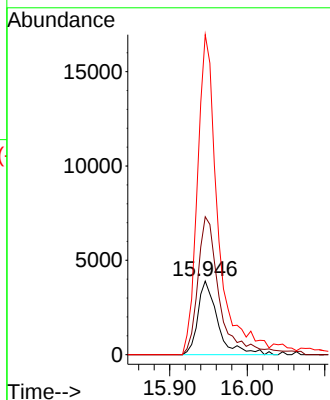
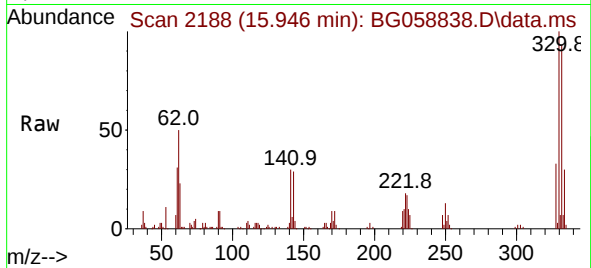




#67
4-Bromophenyl-phenylether
Concen: 4.719 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.445 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

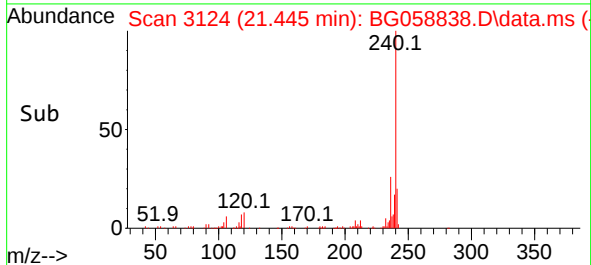
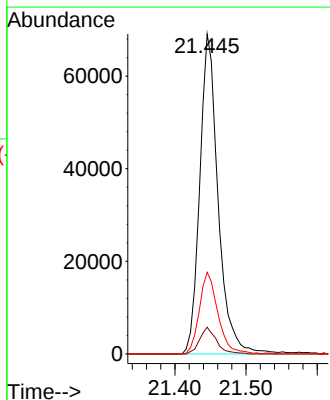
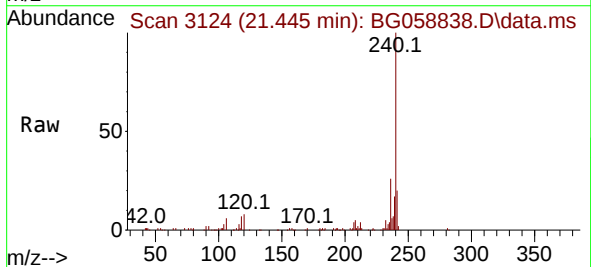
Instrument :
BNA_G
ClientSampleId :
TP-K

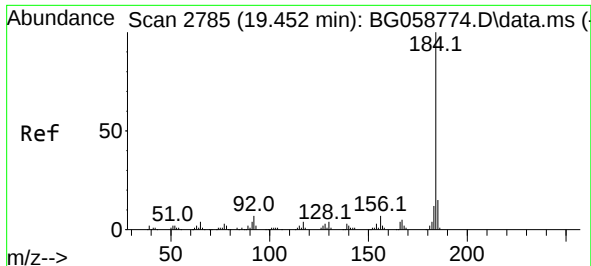
Tgt Ion:248 Resp: 6963
Ion Ratio Lower Upper
248 100
250 187.5 77.7 116.5#
141 435.0 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:240 Resp: 124031
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 25.5 20.5 30.7

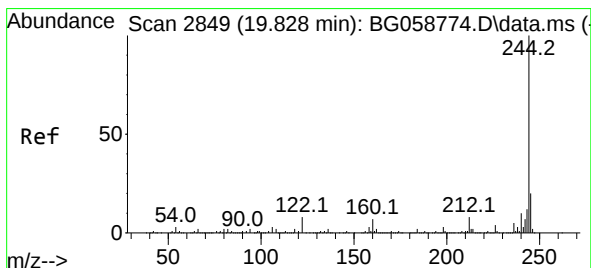
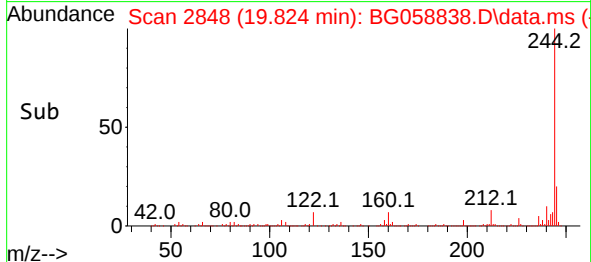
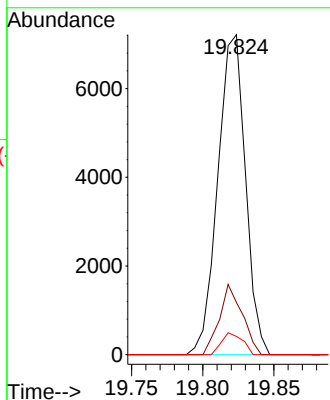
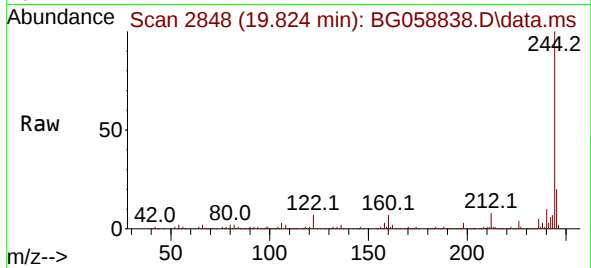




#77
Benzidine
Concen: 4.388 ng
RT: 19.824 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

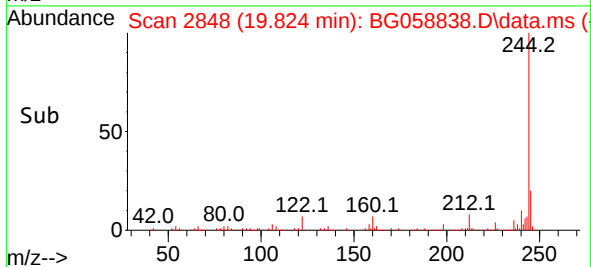
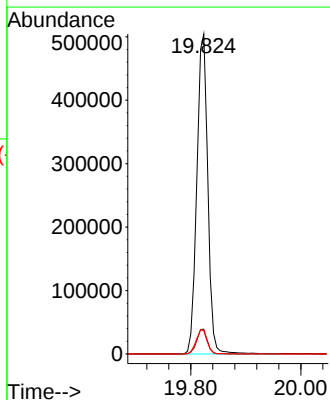
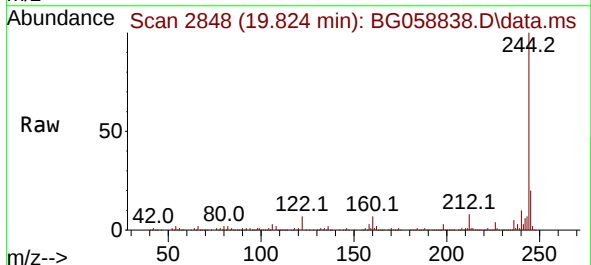
Instrument :
BNA_G
ClientSampleId :
TP-K

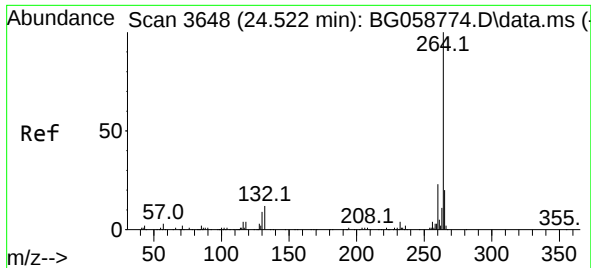
Tgt Ion:184 Resp: 9754
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 5.7 10.0 15.0#



#79
Terphenyl-d14
Concen: 101.238 ng
RT: 19.824 min Scan# 2848
Delta R.T. -0.004 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Tgt Ion:244 Resp: 699308
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 7.2 6.3 9.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.524 min Scan# 30
Delta R.T. 0.002 min
Lab File: BG058838.D
Acq: 24 Aug 2023 14:35

Instrument :
BNA_G
ClientSampleId :
TP-K

Tgt Ion:264 Resp: 148435
Ion Ratio Lower Upper
264 100
260 21.3 18.2 27.2
265 19.4 16.4 24.6

