

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058841.D
 Acq On : 24 Aug 2023 16:37
 Operator : MA/JU
 Sample : 04091-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Quant Time: Aug 24 17:17:32 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)

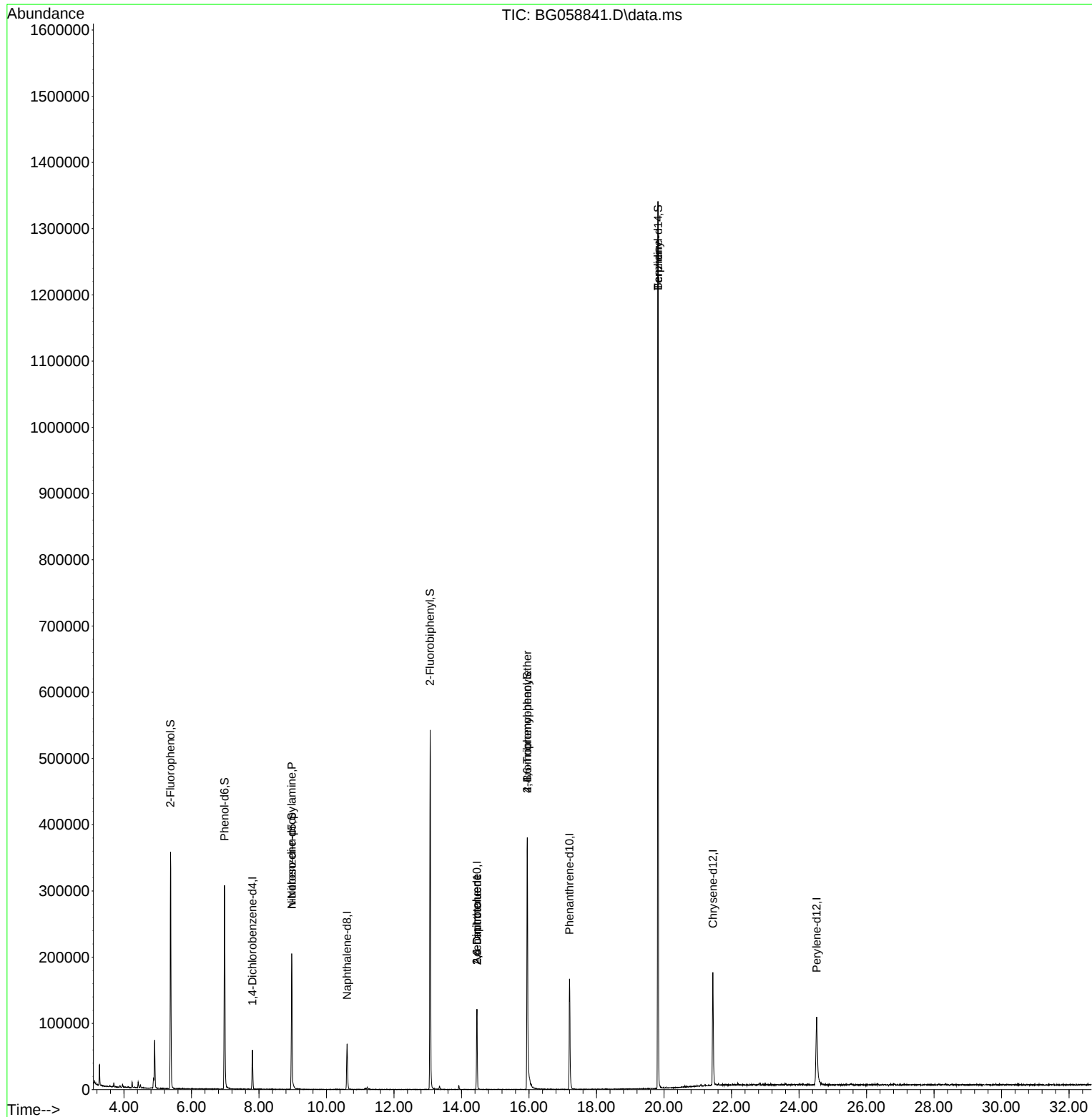
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.806	152	16163	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	66854	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	48508	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	131129	20.000	ng	0.00
76) Chrysene-d12	21.449	240	123247	20.000	ng	0.00
86) Perylene-d12	24.522	264	144074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	143021	142.398	ng	0.00
7) Phenol-d6	6.978	99	175312	124.409	ng	0.00
23) Nitrobenzene-d5	8.970	82	126903	91.261	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	107089	140.796	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	310913	93.224	ng	0.00
79) Terphenyl-d14	19.822	244	686318	99.990	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	8.970	70	16180	17.763	ng	# 79
51) 2,6-Dinitrotoluene	14.457	165	5890	7.465	ng	# 22
57) 2,4-Dinitrotoluene	14.457	165	5890	5.352	ng	# 19
67) 4-Bromophenyl-phenylether	15.950	248	6872	4.776	ng	# 1
77) Benzidine	19.822	184	10039	4.545	ng	# 89

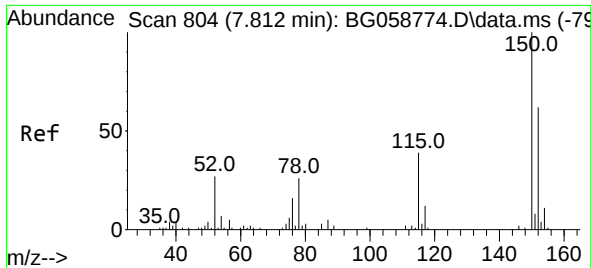
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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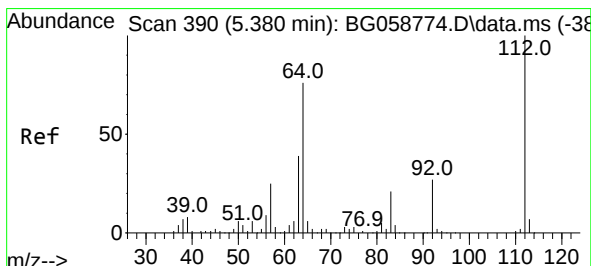
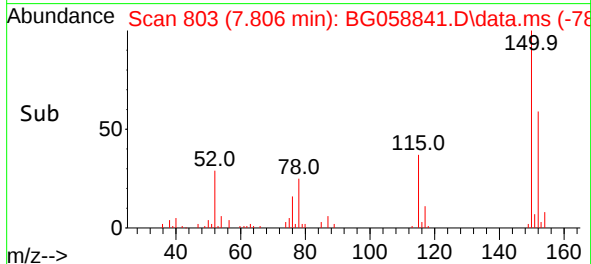
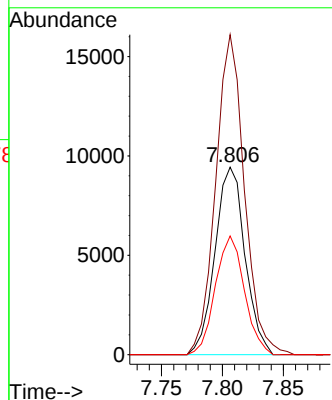
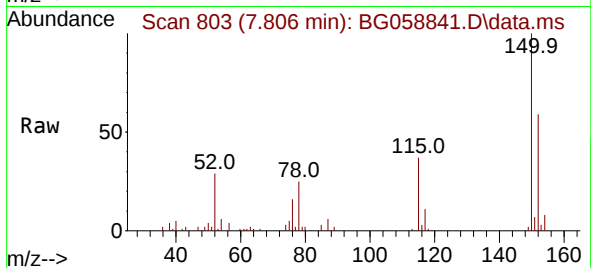




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 804
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

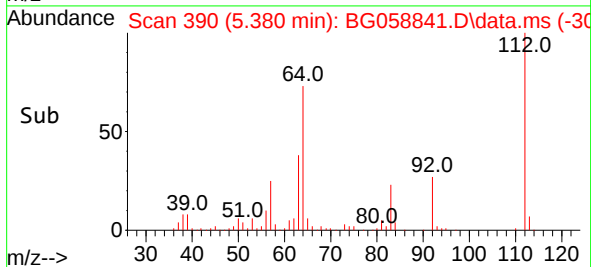
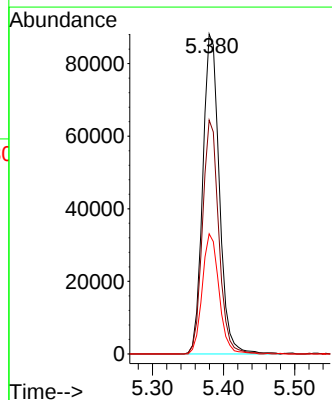
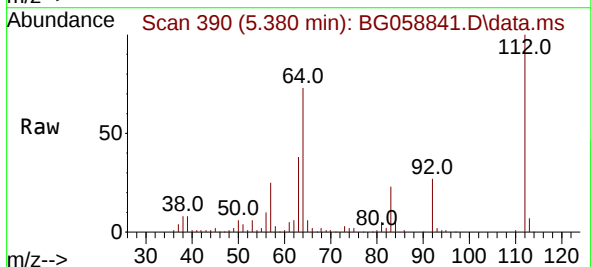
Instrument :
BNA_G
ClientSampleId :
TP-A

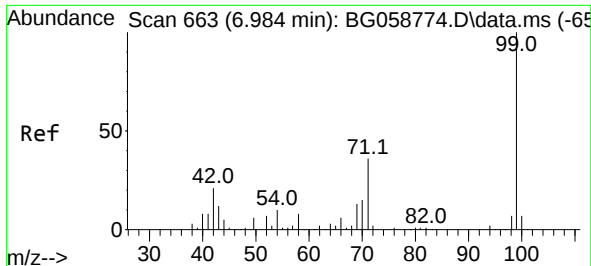
Tgt Ion:152 Resp: 16163
Ion Ratio Lower Upper
152 100
150 170.7 128.6 192.8
115 63.3 50.4 75.6



#5
2-Fluorophenol
Concen: 142.398 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:112 Resp: 143021
Ion Ratio Lower Upper
112 100
64 73.1 60.6 90.8
63 37.6 31.0 46.4

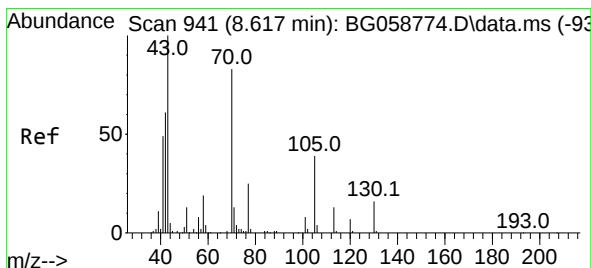
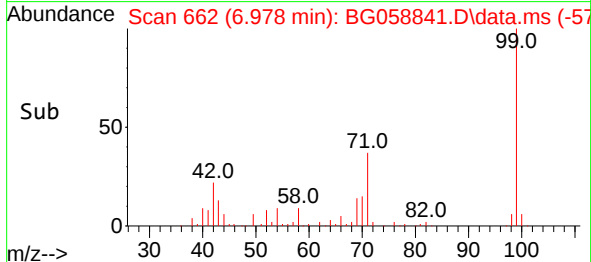
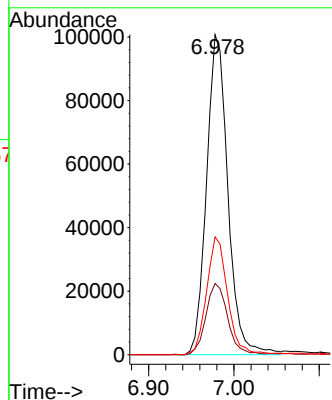
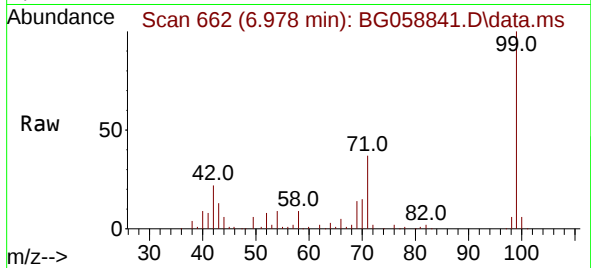




#7
Phenol-d6
Concen: 124.409 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

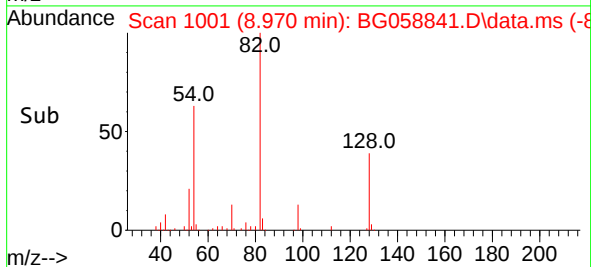
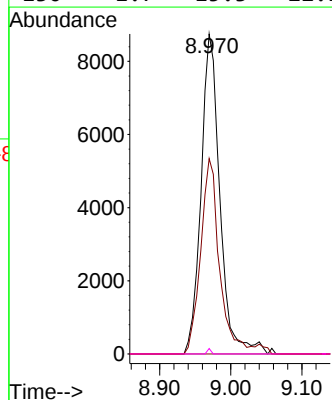
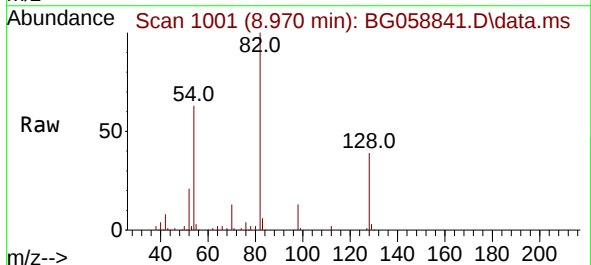
Instrument :
BNA_G
ClientSampleId :
TP-A

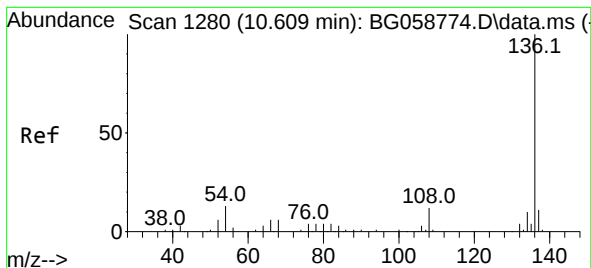
Tgt Ion: 99 Resp: 175312
Ion Ratio Lower Upper
99 100
42 22.2 16.5 24.7
71 36.8 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 17.763 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.352 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion: 70 Resp: 16180
Ion Ratio Lower Upper
70 100
42 61.1 59.2 88.8
101 0.0 8.2 12.2#
130 1.7 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.609 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

Instrument :

BNA_G

ClientSampleId :

TP-A

Tgt Ion:136 Resp: 66854

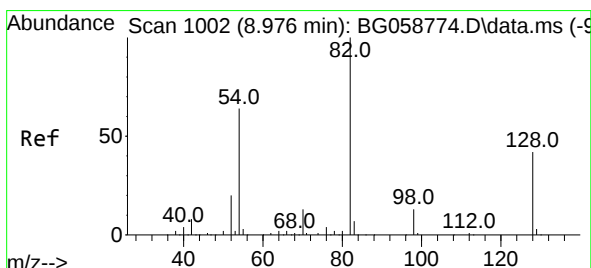
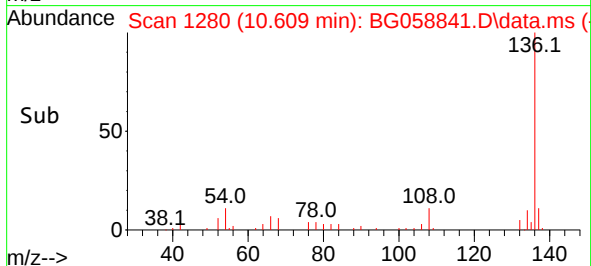
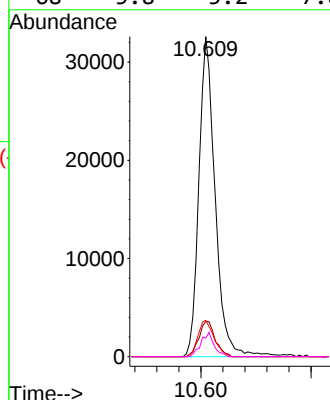
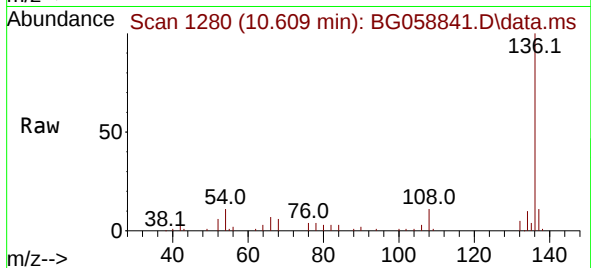
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 11.4 10.1 15.1

68 5.8 5.2 7.8



#23

Nitrobenzene-d5

Concen: 91.261 ng

RT: 8.970 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

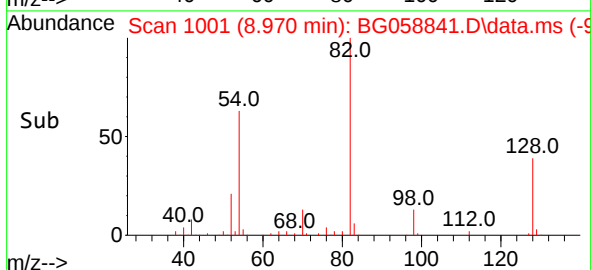
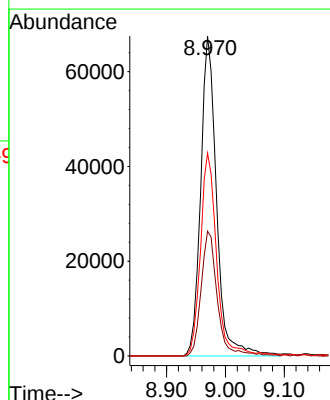
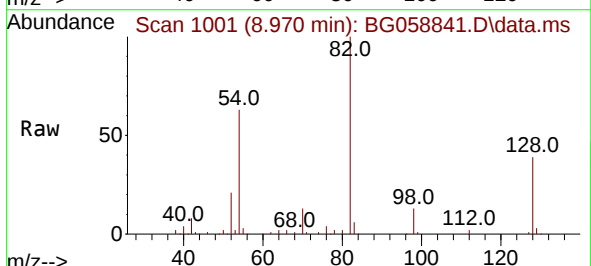
Tgt Ion: 82 Resp: 126903

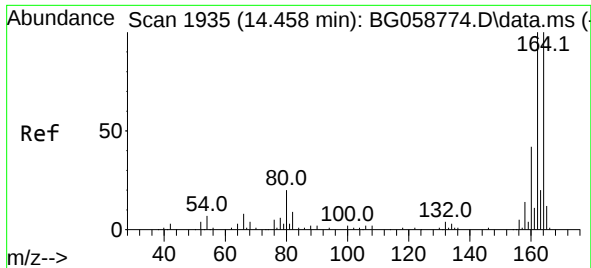
Ion Ratio Lower Upper

82 100

128 39.0 33.2 49.8

54 63.4 51.2 76.8

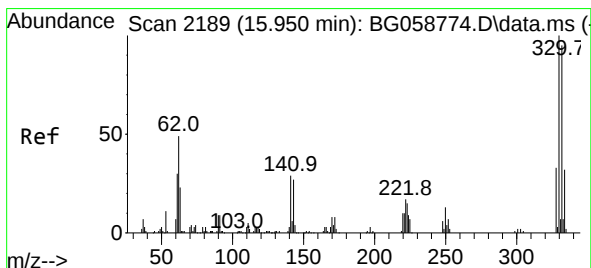
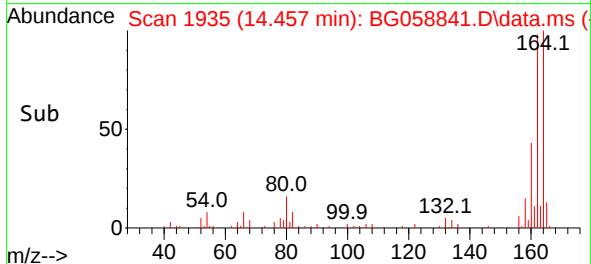
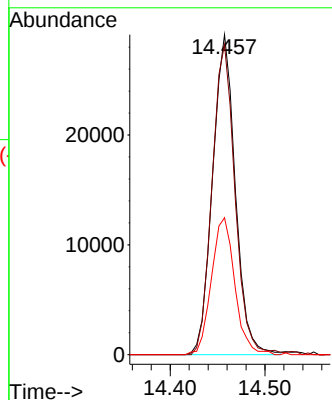
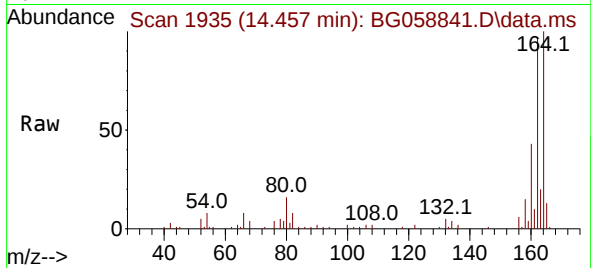




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

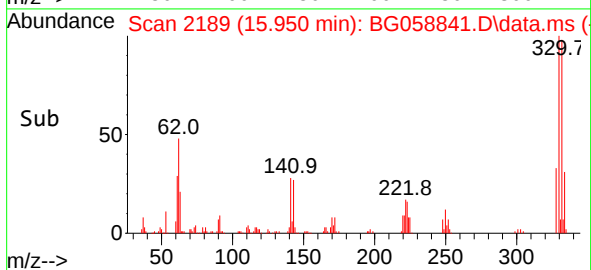
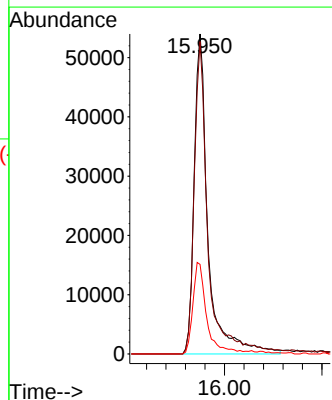
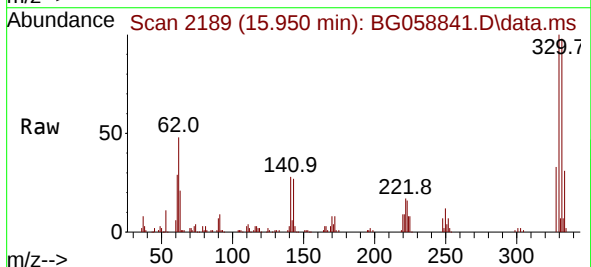
Instrument :
BNA_G
ClientSampleId :
TP-A

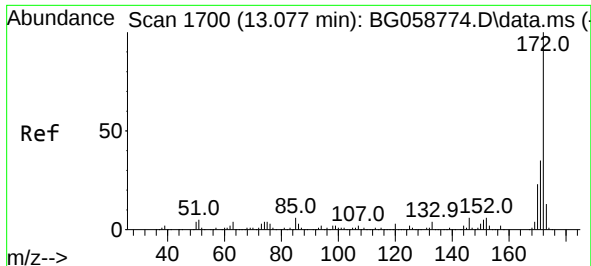
Tgt Ion:164 Resp: 48508
Ion Ratio Lower Upper
164 100
162 96.9 79.6 119.4
160 42.8 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 140.796 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:330 Resp: 107089
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 28.6 23.0 34.6





#45

2-Fluorobiphenyl

Concen: 93.224 ng

RT: 13.071 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

Instrument :

BNA_G

ClientSampleId :

TP-A

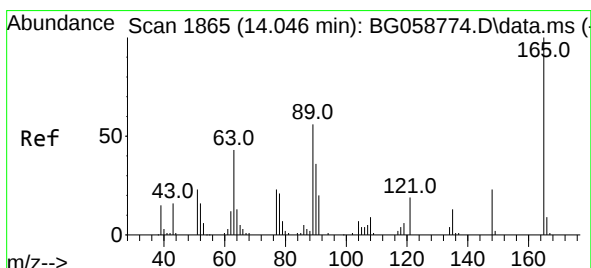
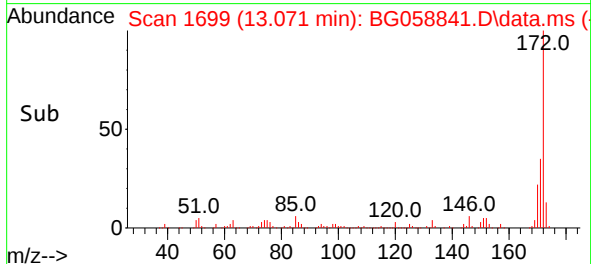
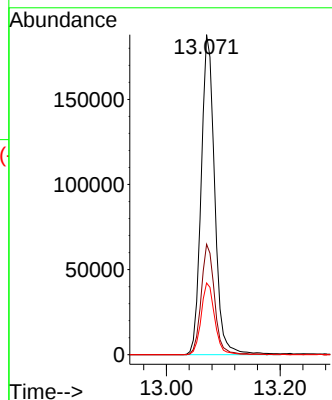
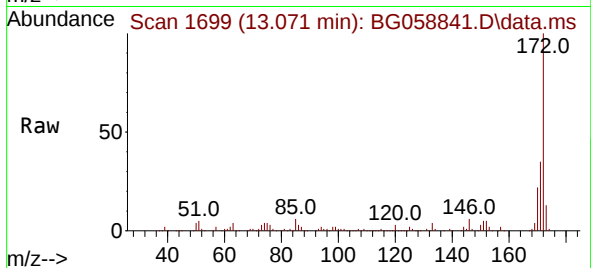
Tgt Ion:172 Resp: 310913

Ion Ratio Lower Upper

172 100

171 34.5 28.1 42.1

170 22.4 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 7.465 ng

RT: 14.457 min Scan# 1935

Delta R.T. 0.411 min

Lab File: BG058841.D

Acq: 24 Aug 2023 16:37

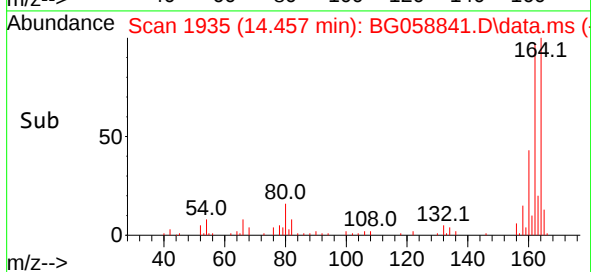
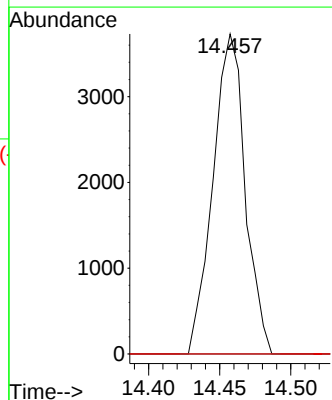
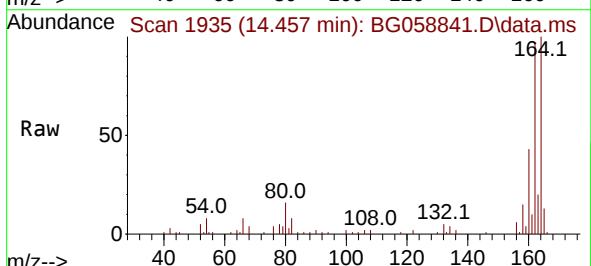
Tgt Ion:165 Resp: 5890

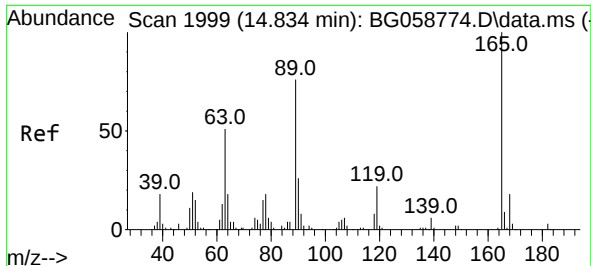
Ion Ratio Lower Upper

165 100

63 0.0 47.2 70.8#

89 0.0 45.0 67.4#

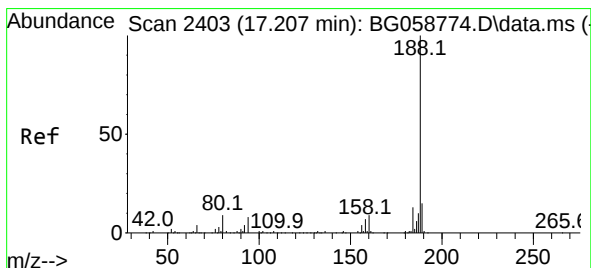
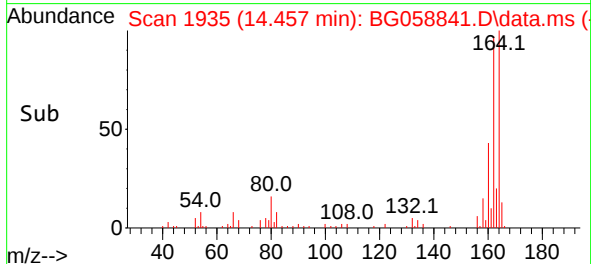
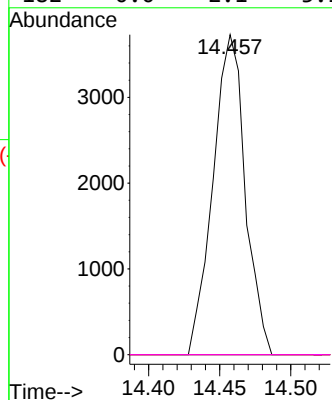
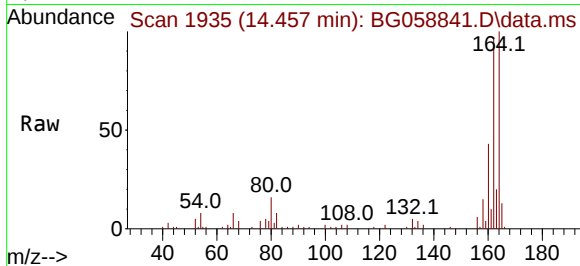




#57
2,4-Dinitrotoluene
Concen: 5.352 ng
RT: 14.457 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

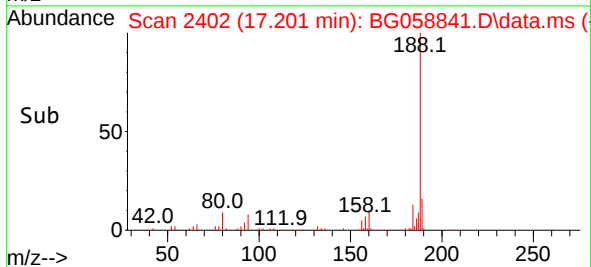
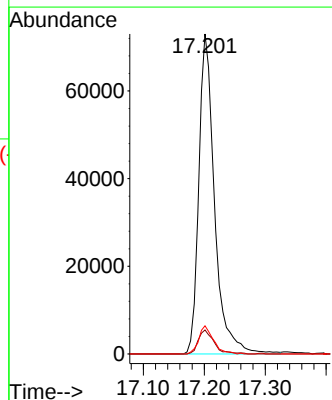
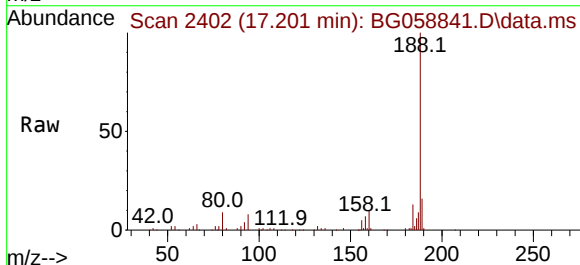
Instrument :
BNA_G
ClientSampleId :
TP-A

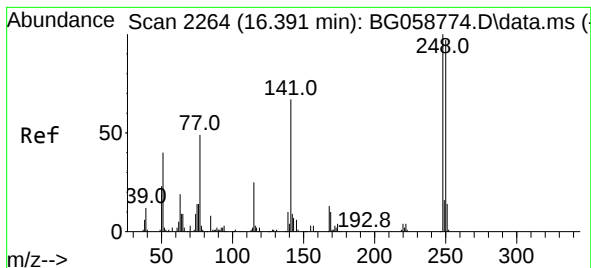
Tgt Ion:	165	Resp:	5890
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:	188	Resp:	131129
Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.1	9.1
80	8.8	6.9	10.3

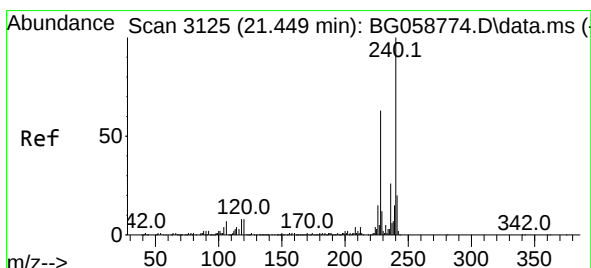
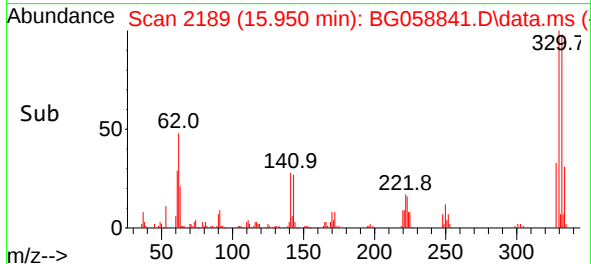
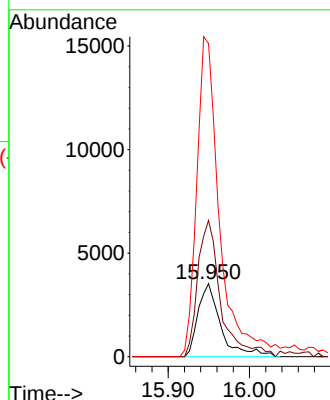
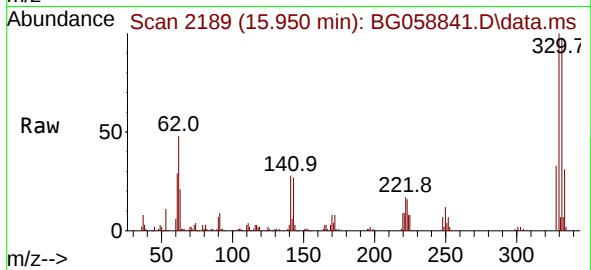




#67
4-Bromophenyl-phenylether
Concen: 4.776 ng
RT: 15.950 min Scan# 2189
Delta R.T. -0.441 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

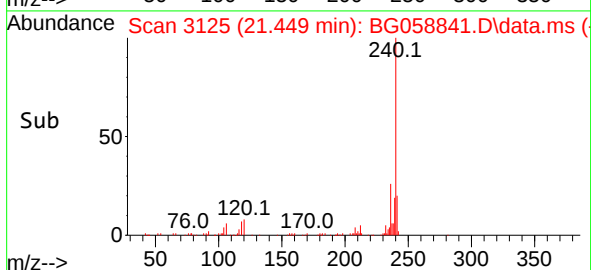
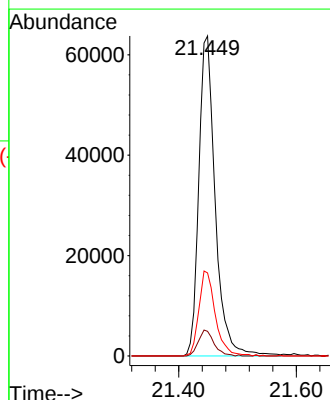
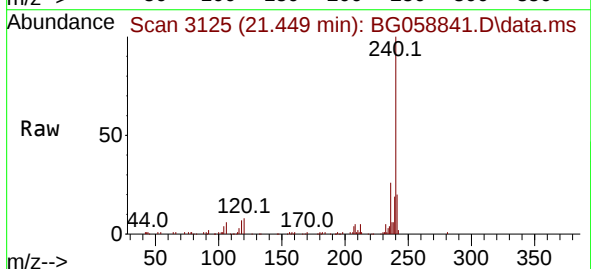
Instrument :
BNA_G
ClientSampleId :
TP-A

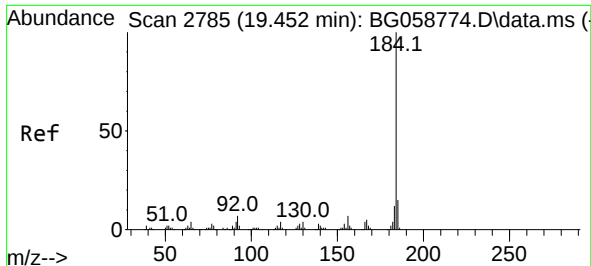
Tgt Ion:248 Resp: 6872
Ion Ratio Lower Upper
248 100
250 187.0 77.7 116.5#
141 429.7 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:240 Resp: 123247
Ion Ratio Lower Upper
240 100
120 7.7 6.2 9.2
236 26.0 20.5 30.7

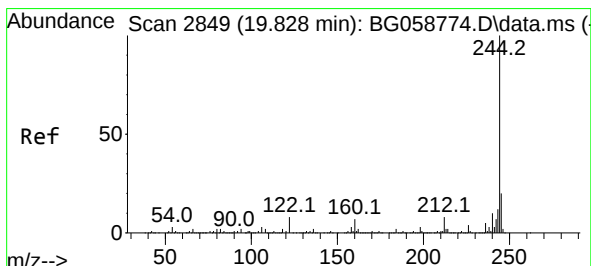
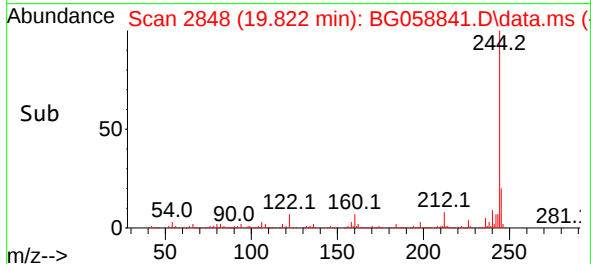
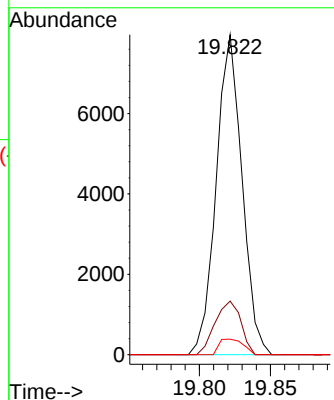
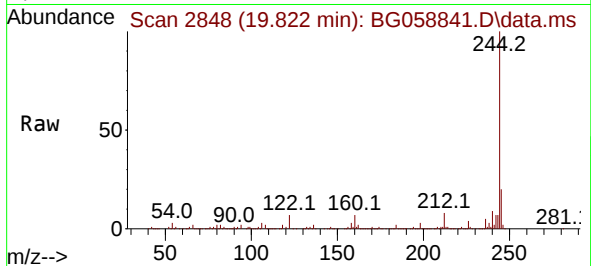




#77
Benzidine
Concen: 4.545 ng
RT: 19.822 min Scan# 21
Delta R.T. 0.370 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

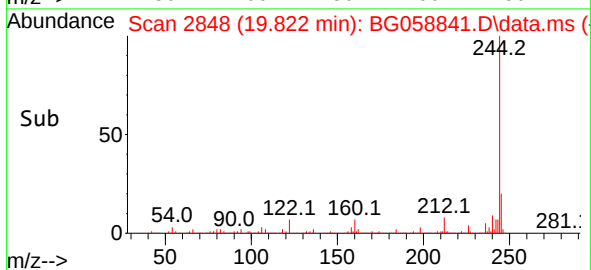
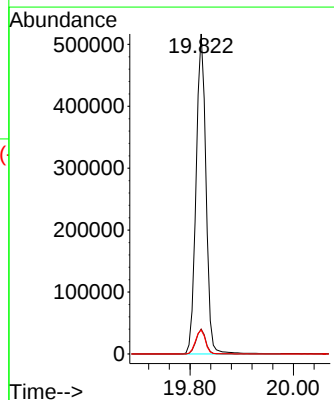
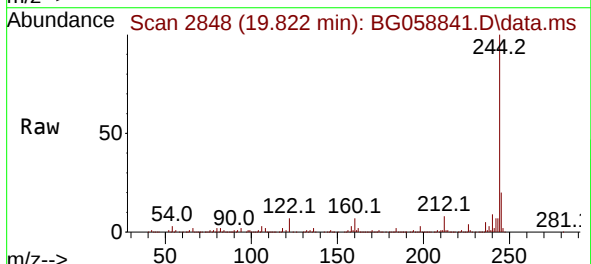
Instrument :
BNA_G
ClientSampleId :
TP-A

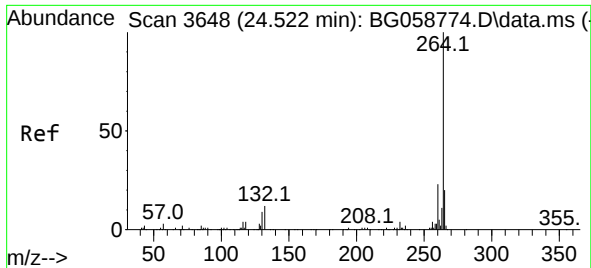
Tgt Ion:184 Resp: 10039
Ion Ratio Lower Upper
184 100
185 16.7 11.9 17.9
183 4.8 10.0 15.0#



#79
Terphenyl-d14
Concen: 99.990 ng
RT: 19.822 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058841.D
Acq: 24 Aug 2023 16:37

Tgt Ion:244 Resp: 686318
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 7.5 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BG058841.D
 Acq: 24 Aug 2023 16:37

Instrument :
 BNA_G
 ClientSampleId :
 TP-A

Tgt Ion:264 Resp: 144074
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 23.2 16.4 24.6

