

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082423\
 Data File : BG058839.D
 Acq On : 24 Aug 2023 15:16
 Operator : MA/JU
 Sample : 04090-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Quant Time: Aug 24 15:54:48 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)

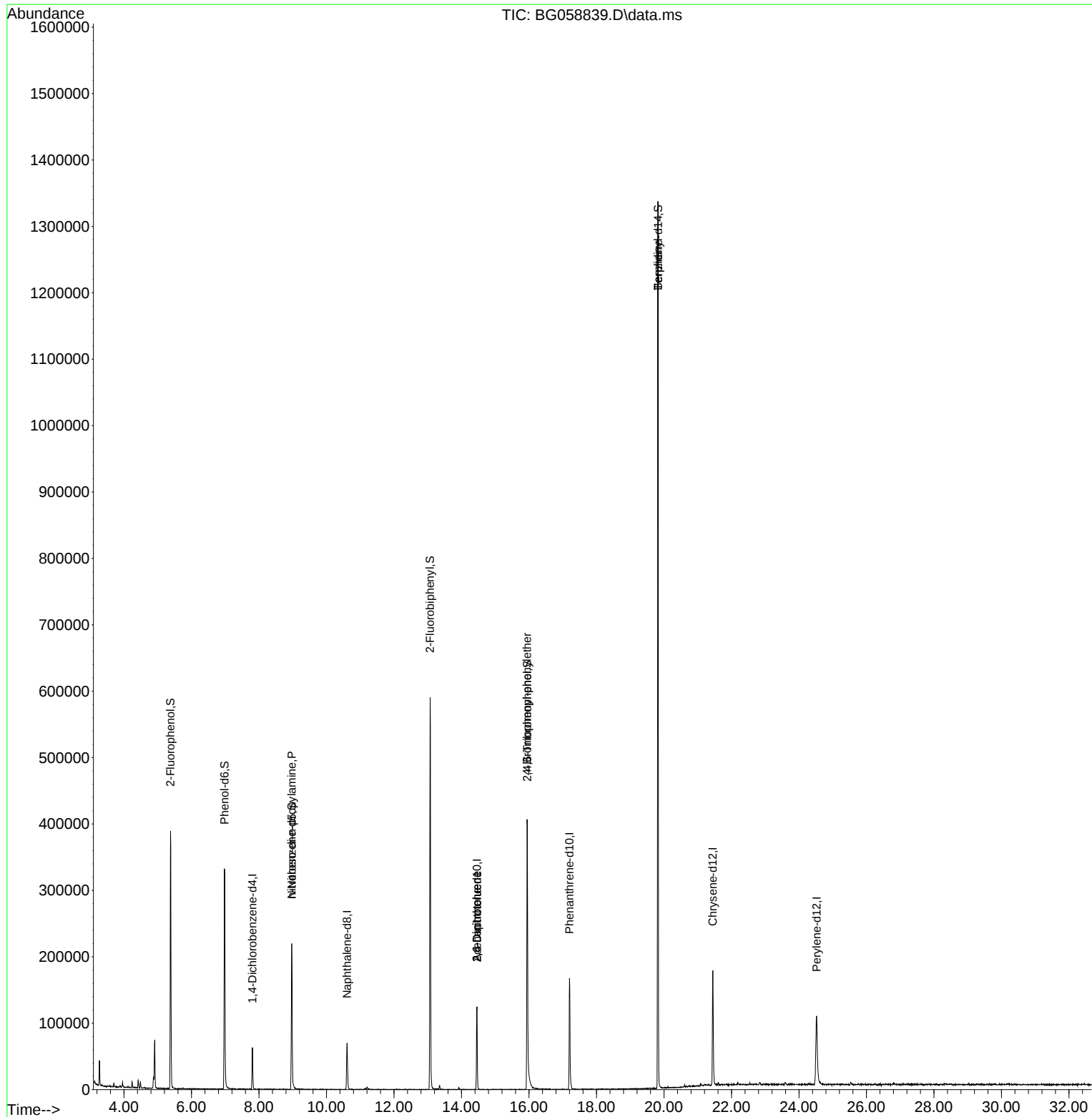
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	17301	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	69003	20.000	ng	0.00
39) Acenaphthene-d10	14.458	164	49777	20.000	ng	0.00
64) Phenanthrene-d10	17.202	188	131656	20.000	ng	0.00
76) Chrysene-d12	21.444	240	121004	20.000	ng	0.00
86) Perylene-d12	24.522	264	143022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	156271	145.356	ng	0.00
7) Phenol-d6	6.978	99	192578	127.673	ng	0.00
23) Nitrobenzene-d5	8.970	82	137135	95.548	ng	0.00
42) 2,4,6-Tribromophenol	15.950	330	115287	147.710	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	330762	96.647	ng	0.00
79) Terphenyl-d14	19.822	244	697103	103.444	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.970	70	17566	18.016	ng	# 73
51) 2,6-Dinitrotoluene	14.458	165	6497	8.024	ng	# 22
57) 2,4-Dinitrotoluene	14.458	165	6497	5.753	ng	# 19
67) 4-Bromophenyl-phenylether	15.944	248	6807	4.712	ng	# 1
77) Benzidine	19.822	184	9716	4.480	ng	# 90

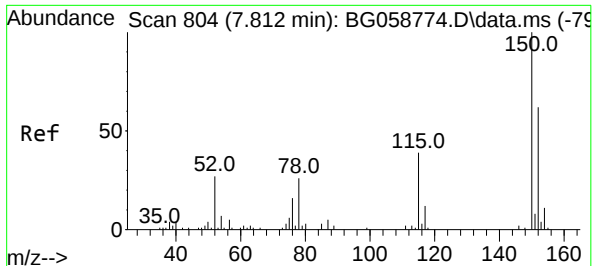
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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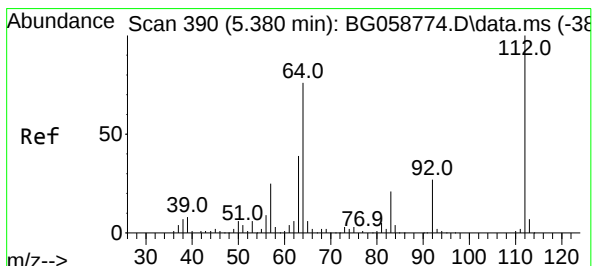
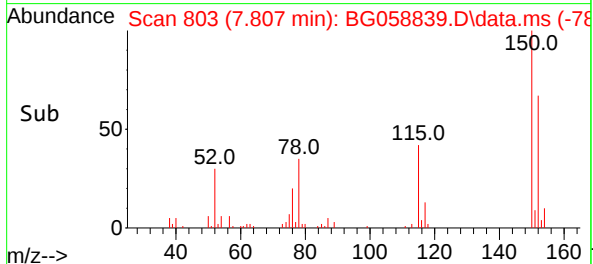
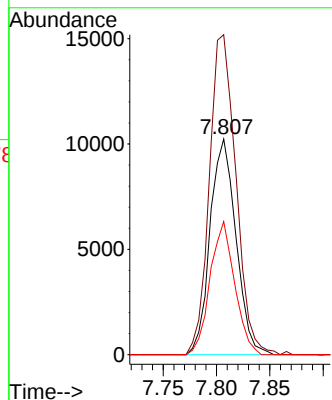
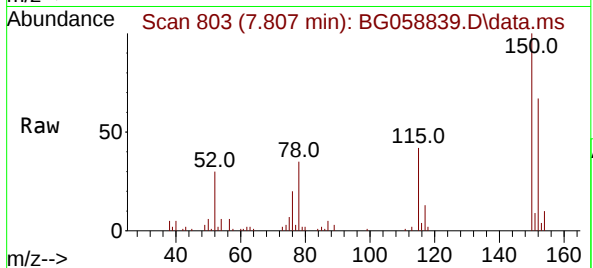




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 804
Delta R.T. -0.005 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

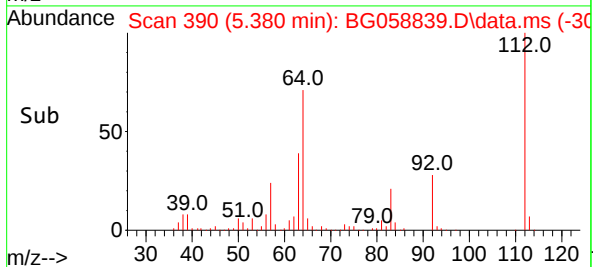
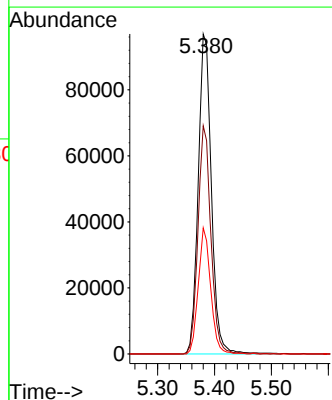
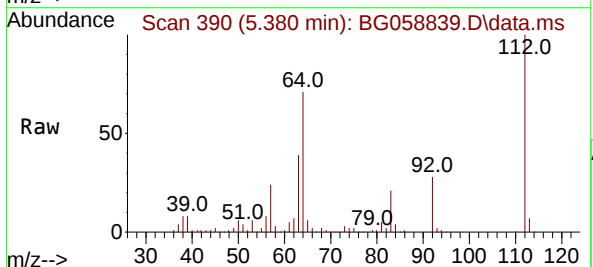
Instrument :
BNA_G
ClientSampleId :
TP-L

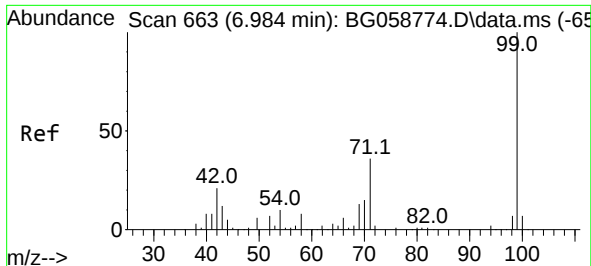
Tgt Ion:152 Resp: 17301
Ion Ratio Lower Upper
152 100
150 148.3 128.6 192.8
115 61.7 50.4 75.6



#5
2-Fluorophenol
Concen: 145.356 ng
RT: 5.380 min Scan# 390
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:112 Resp: 156271
Ion Ratio Lower Upper
112 100
64 71.3 60.6 90.8
63 39.4 31.0 46.4

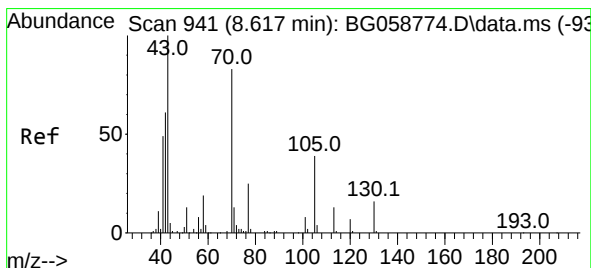
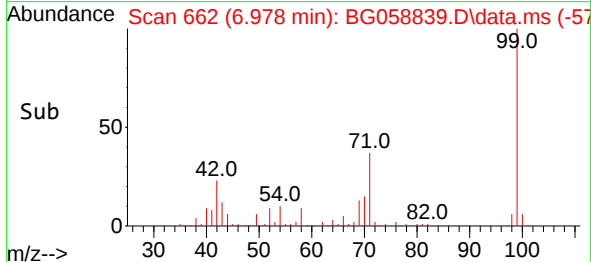
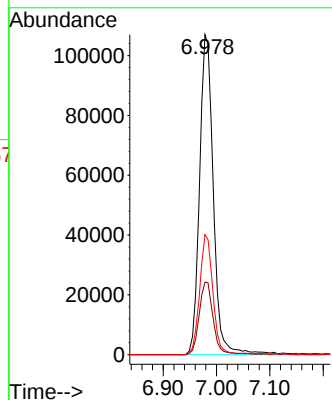
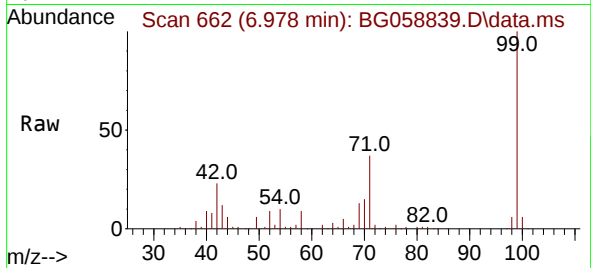




#7
Phenol-d6
Concen: 127.673 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

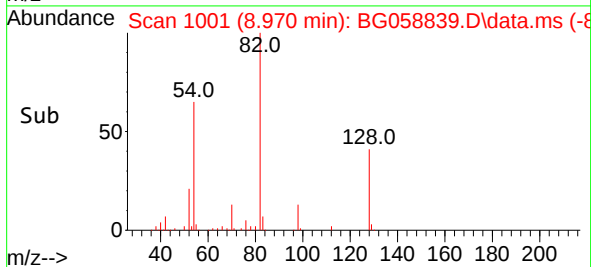
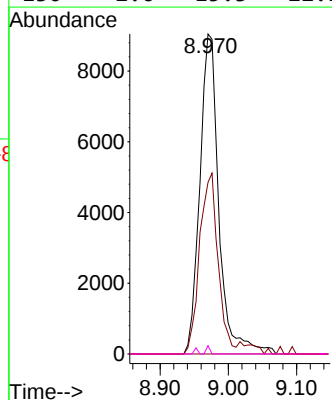
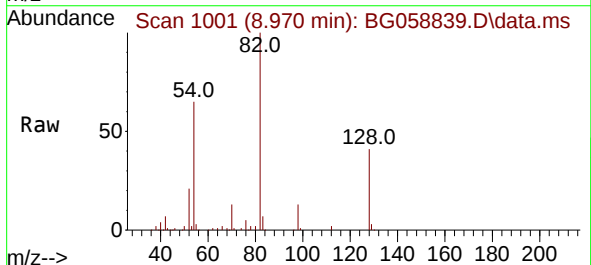
Instrument :
BNA_G
ClientSampleId :
TP-L

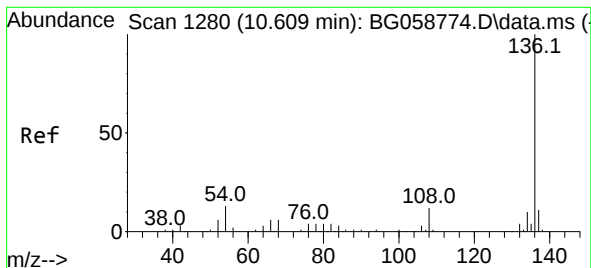
Tgt Ion: 99 Resp: 192578
Ion Ratio Lower Upper
99 100
42 22.7 16.5 24.7
71 37.5 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.016 ng
RT: 8.970 min Scan# 1001
Delta R.T. 0.353 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion: 70 Resp: 17566
Ion Ratio Lower Upper
70 100
42 53.7 59.2 88.8#
101 0.0 8.2 12.2#
130 2.6 15.3 22.9#

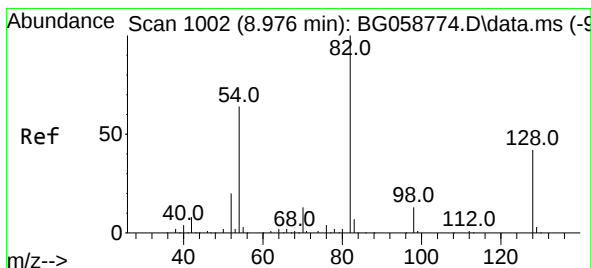
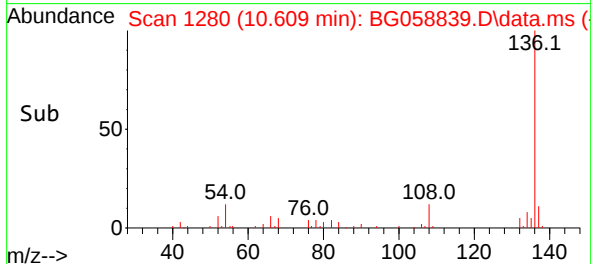
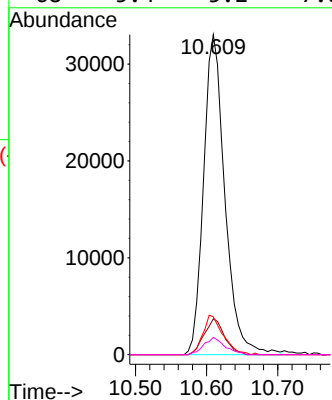
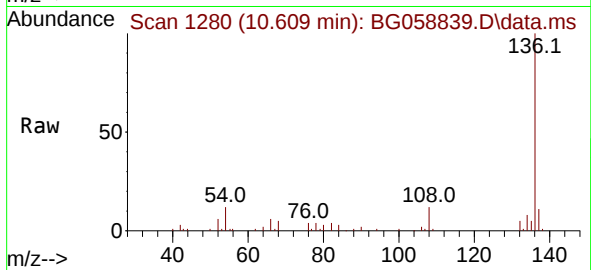




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

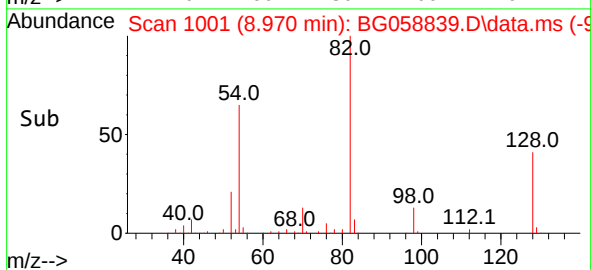
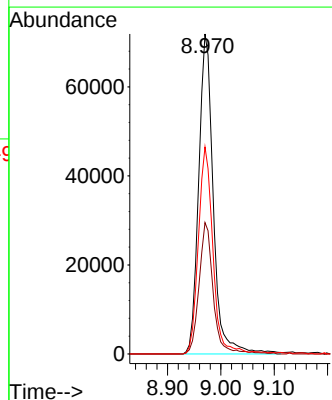
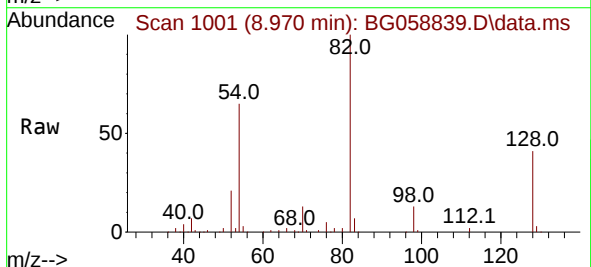
Instrument :
BNA_G
ClientSampleId :
TP-L

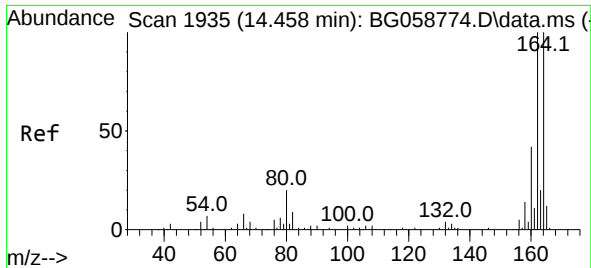
Tgt Ion:	136	Resp:	69003
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.7	13.1
54	11.8	10.1	15.1
68	5.4	5.2	7.8



#23
Nitrobenzene-d5
Concen: 95.548 ng
RT: 8.970 min Scan# 1001
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:	82	Resp:	137135
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.2	49.8
54	64.7	51.2	76.8

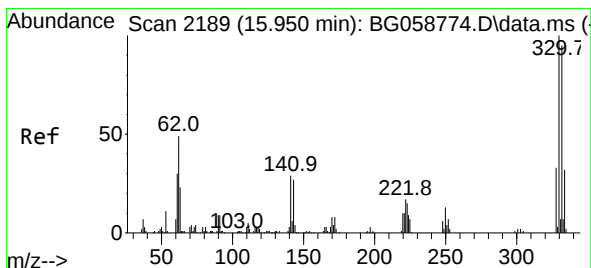
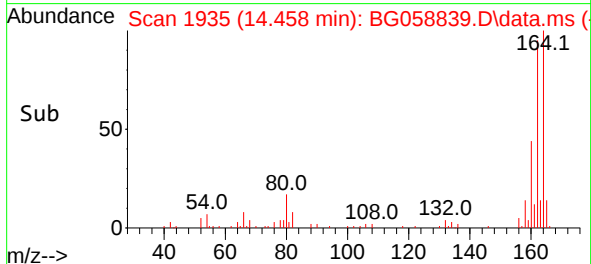
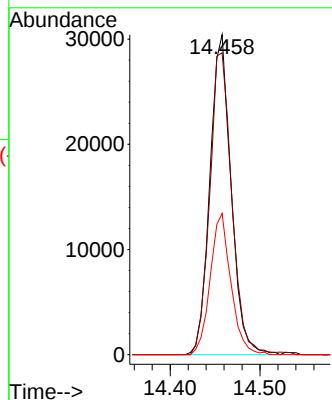
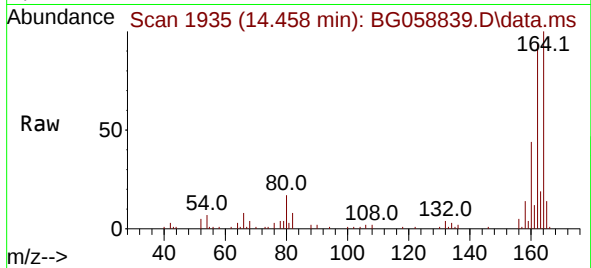




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

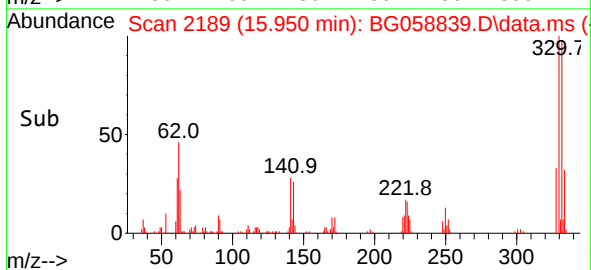
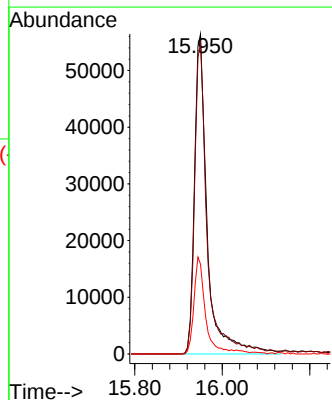
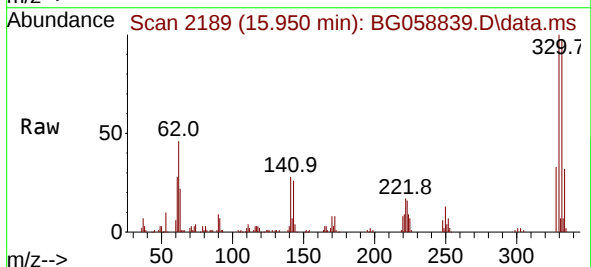
Instrument :
BNA_G
ClientSampleId :
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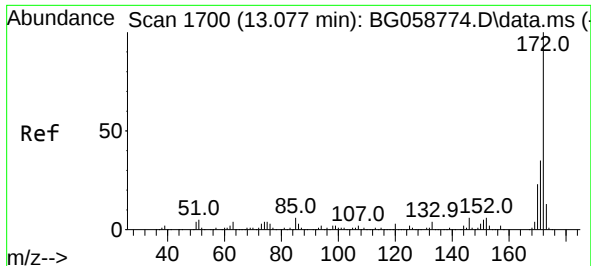
Tgt Ion:164 Resp: 49777
Ion Ratio Lower Upper
164 100
162 94.4 79.6 119.4
160 44.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 147.710 ng
RT: 15.950 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:330 Resp: 115287
Ion Ratio Lower Upper
330 100
332 95.2 78.5 117.7
141 27.7 23.0 34.6

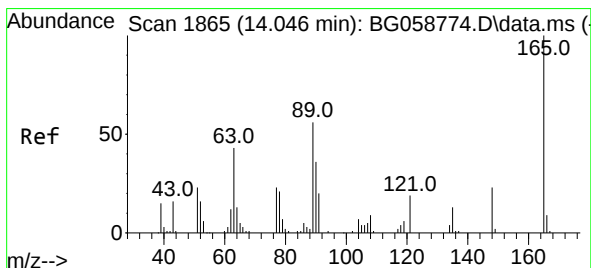
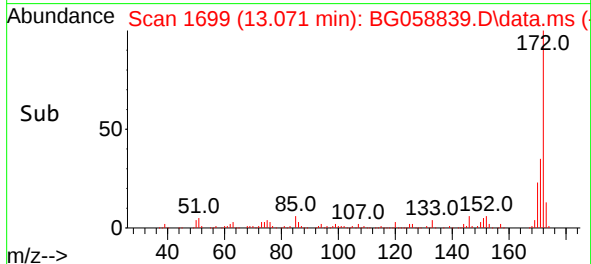
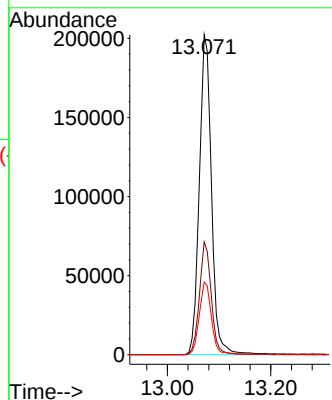
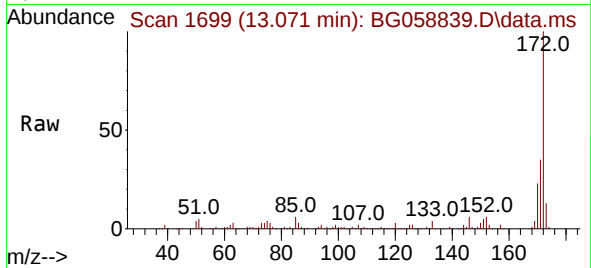




#45
2-Fluorobiphenyl
Concen: 96.647 ng
RT: 13.071 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

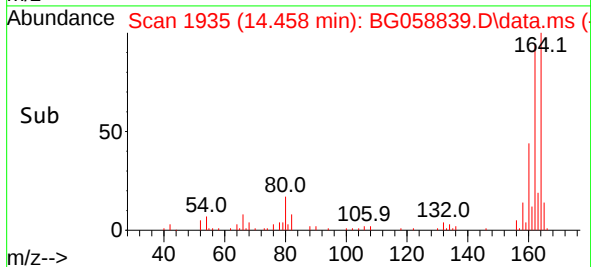
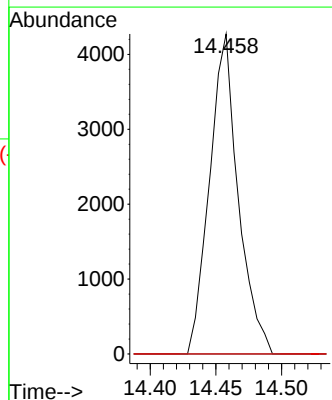
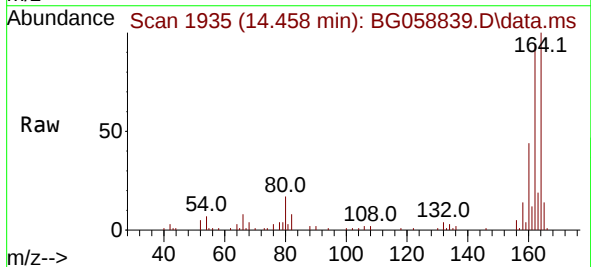
Instrument :
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ClientSampleId :
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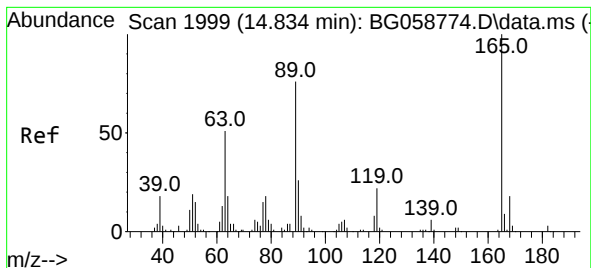
Tgt Ion:172 Resp: 330762
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 22.7 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 8.024 ng
RT: 14.458 min Scan# 1935
Delta R.T. 0.412 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:165 Resp: 6497
Ion Ratio Lower Upper
165 100
63 0.0 47.2 70.8#
89 0.0 45.0 67.4#

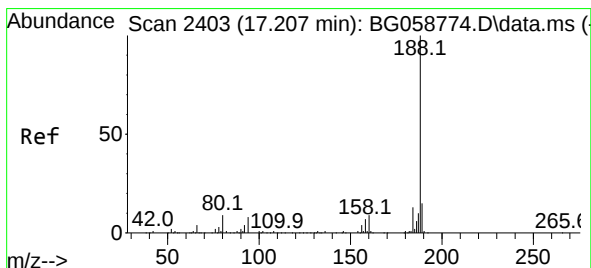
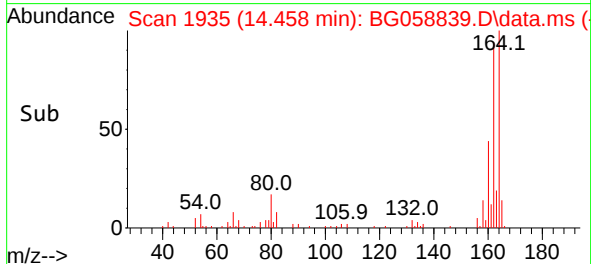
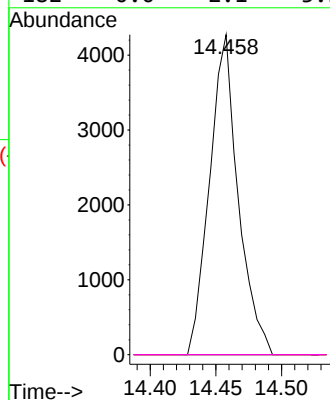
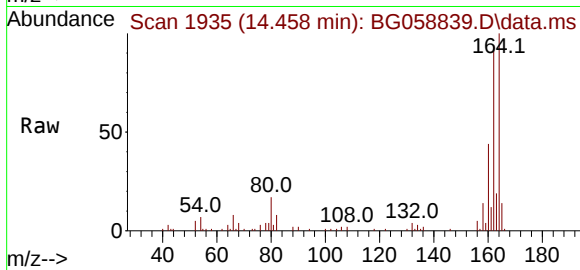




#57
2,4-Dinitrotoluene
Concen: 5.753 ng
RT: 14.458 min Scan# 1999
Delta R.T. -0.376 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

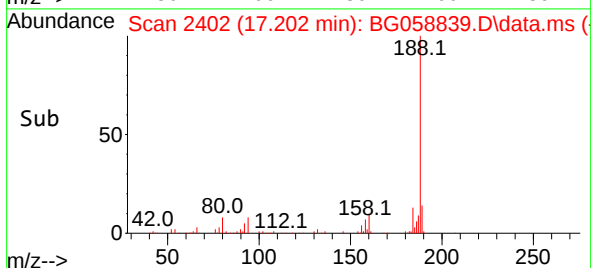
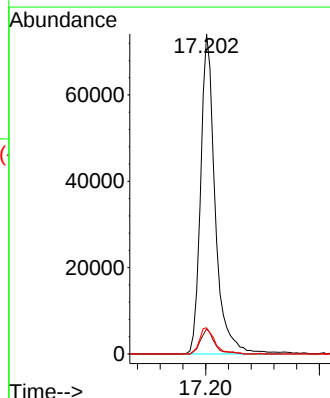
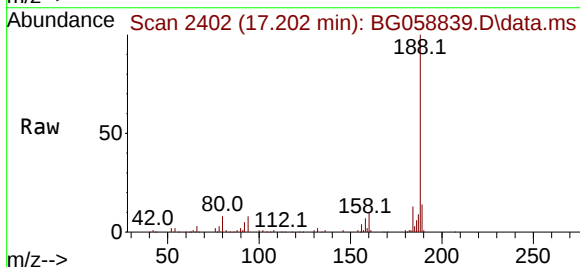
Instrument :
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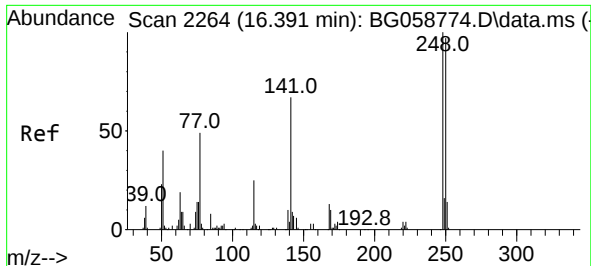
Tgt Ion:	165	Resp:	6497
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.8	62.6#
89	0.0	60.7	91.1#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:	188	Resp:	131656
Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.1	9.1
80	8.2	6.9	10.3

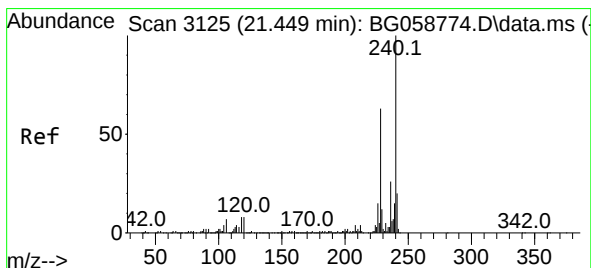
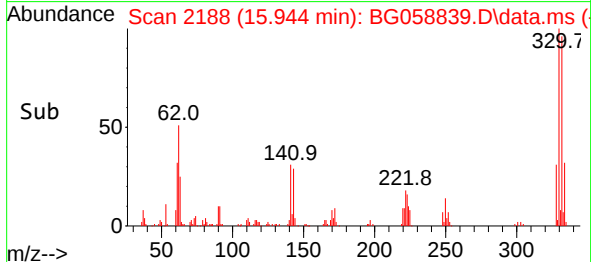
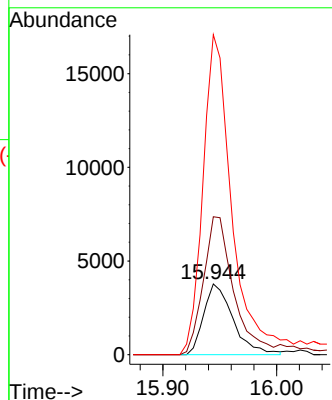
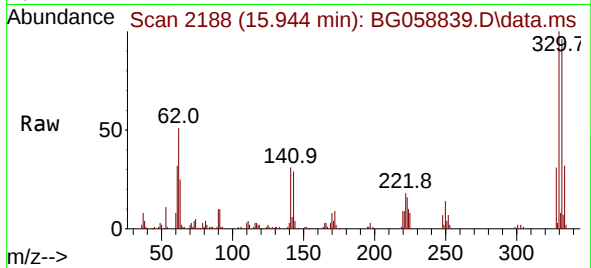




#67
4-Bromophenyl-phenylether
Concen: 4.712 ng
RT: 15.944 min Scan# 2188
Delta R.T. -0.447 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

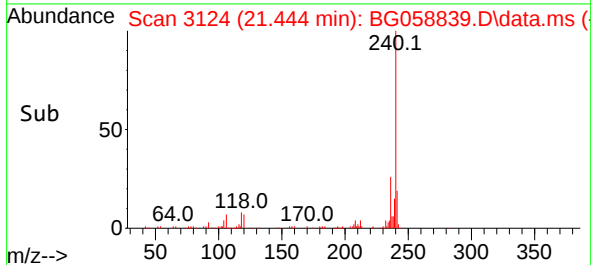
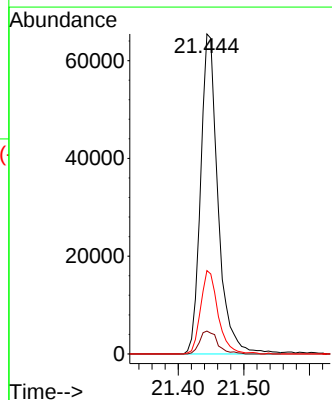
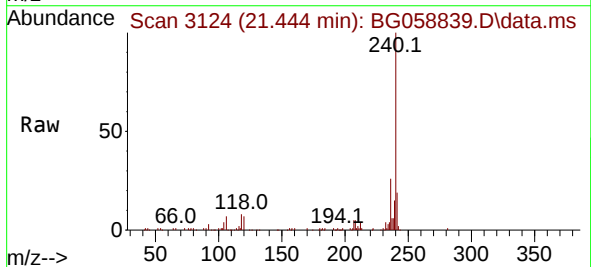
Instrument :
BNA_G
ClientSampleId :
TP-L

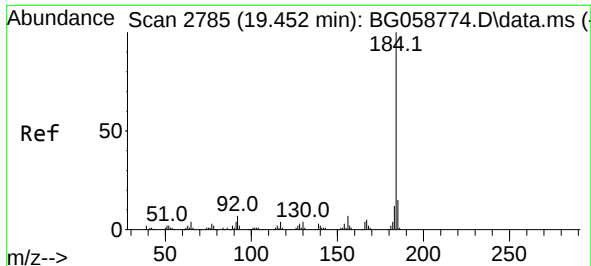
Tgt Ion:248 Resp: 6807
Ion Ratio Lower Upper
248 100
250 194.9 77.7 116.5#
141 452.5 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:240 Resp: 121004
Ion Ratio Lower Upper
240 100
120 7.1 6.2 9.2
236 26.1 20.5 30.7

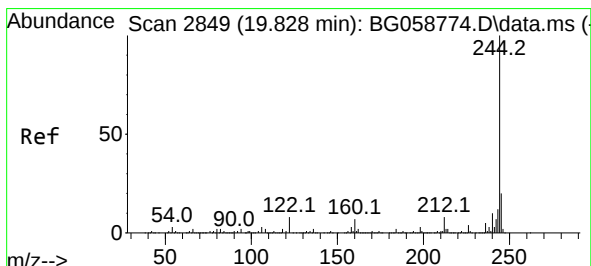
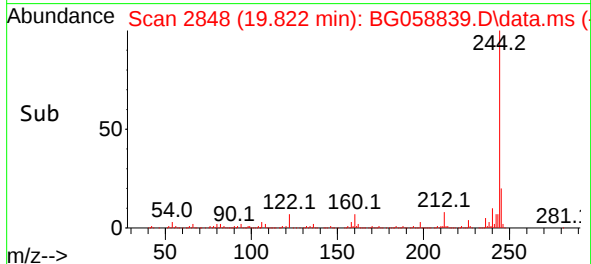
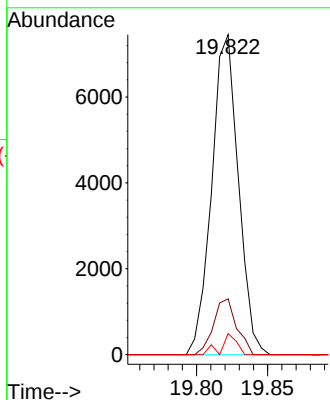
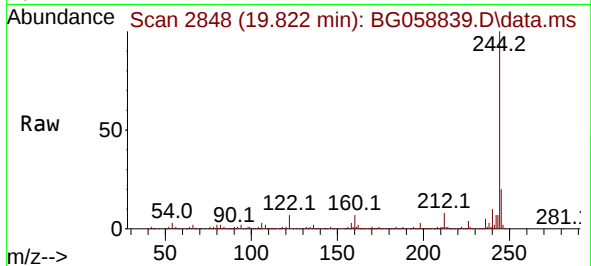




#77
Benzidine
Concen: 4.480 ng
RT: 19.822 min Scan# 2848
Delta R.T. 0.370 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

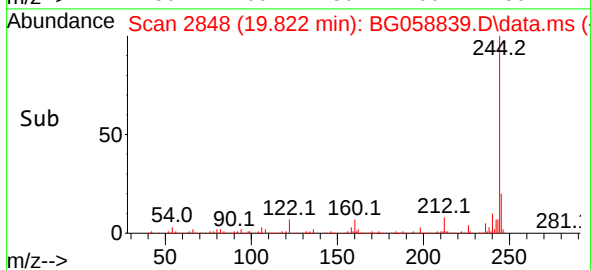
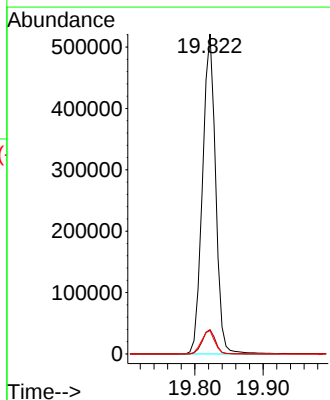
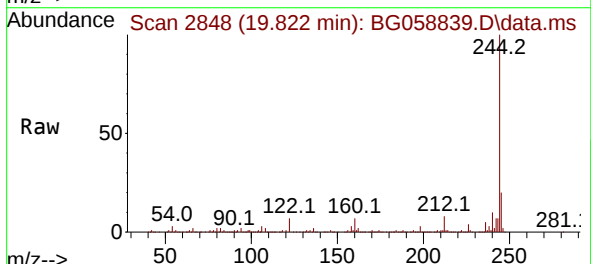
Instrument :
BNA_G
ClientSampleId :
TP-L

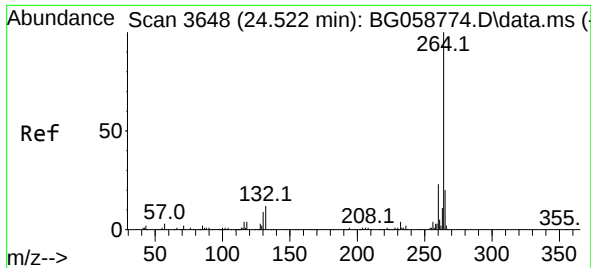
Tgt Ion:184 Resp: 9716
Ion Ratio Lower Upper
184 100
185 17.4 11.9 17.9
183 6.6 10.0 15.0#



#79
Terphenyl-d14
Concen: 103.444 ng
RT: 19.822 min Scan# 2848
Delta R.T. -0.006 min
Lab File: BG058839.D
Acq: 24 Aug 2023 15:16

Tgt Ion:244 Resp: 697103
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.3 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: BG058839.D
 Acq: 24 Aug 2023 15:16

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Tgt Ion:264 Resp: 143022
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.2 27.2
 265 21.5 16.4 24.6

