

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058789.D
 Acq On : 21 Aug 2023 11:43
 Operator : MA/JU
 Sample : 04086-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP07A

Quant Time: Aug 22 01:24:39 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)

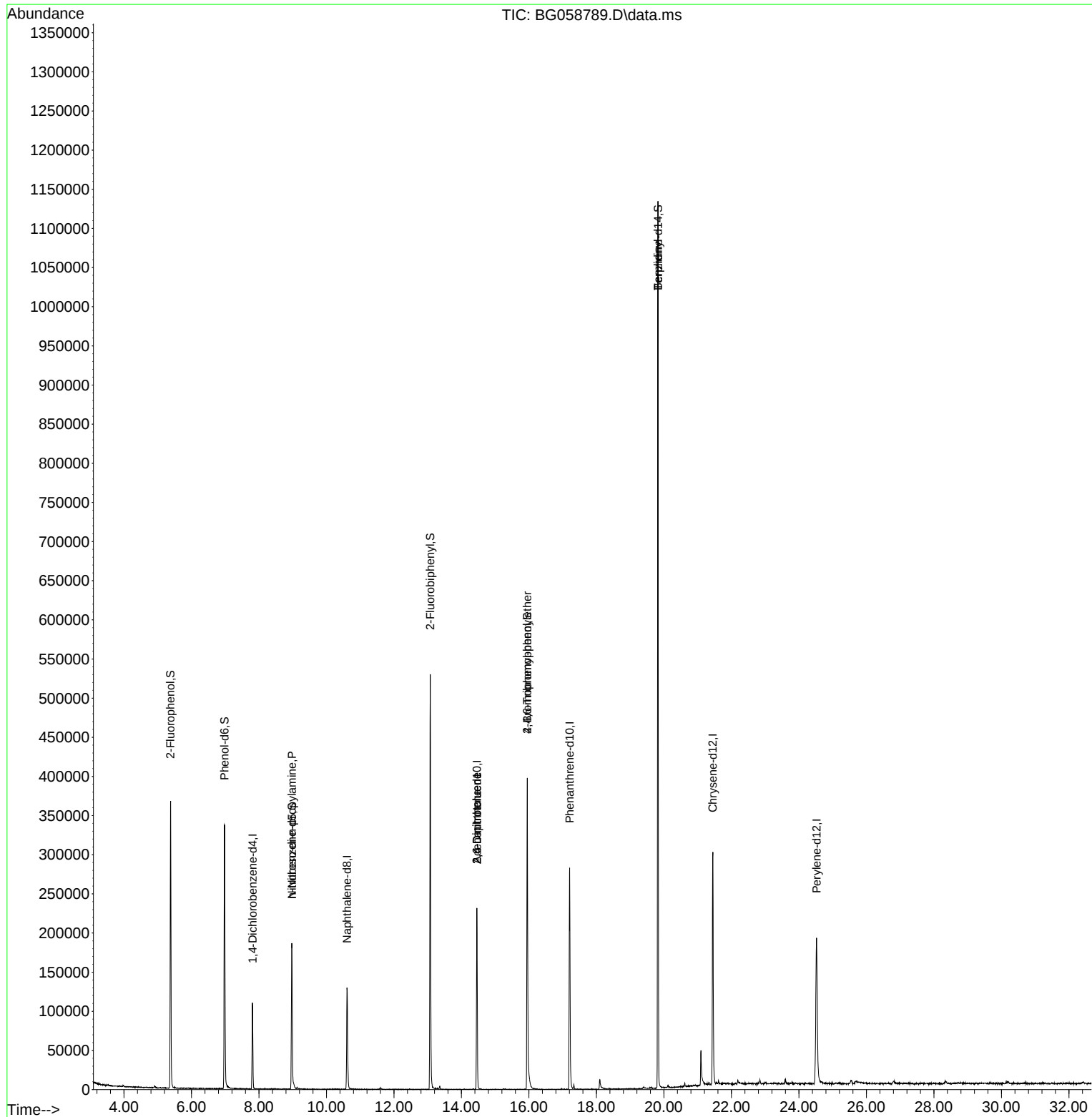
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	29547	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	125203	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	91404	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	227435	20.000	ng	0.00
76) Chrysene-d12	21.443	240	203021	20.000	ng	0.00
86) Perylene-d12	24.521	264	243895	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.379	112	152791	83.217	ng	0.00
7) Phenol-d6	6.977	99	199294	77.365	ng	0.00
23) Nitrobenzene-d5	8.975	82	123126	47.280	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	101556	70.860	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	311380	49.548	ng	0.00
79) Terphenyl-d14	19.821	244	594693	52.597	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.975	70	15660	9.404	ng	Qvalue 75
51) 2,6-Dinitrotoluene	14.457	165	11728	7.888	ng	# 24
57) 2,4-Dinitrotoluene	14.457	165	11728	5.655	ng	# 20
67) 4-Bromophenyl-phenylether	15.949	248	6390	2.560	ng	# 1
77) Benzidine	19.821	184	7948	2.184	ng	# 95

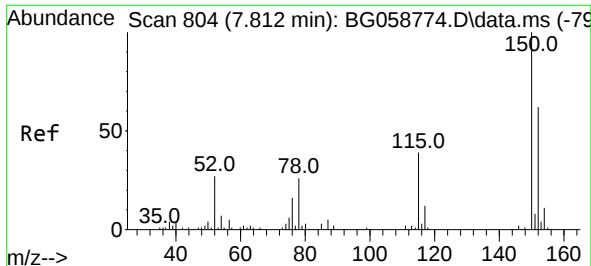
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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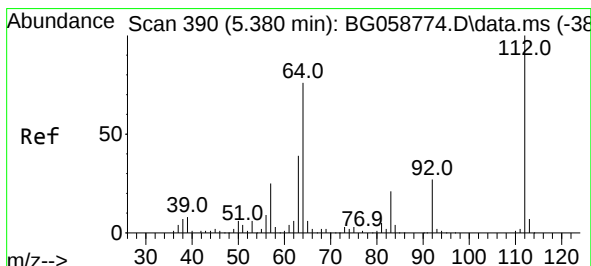
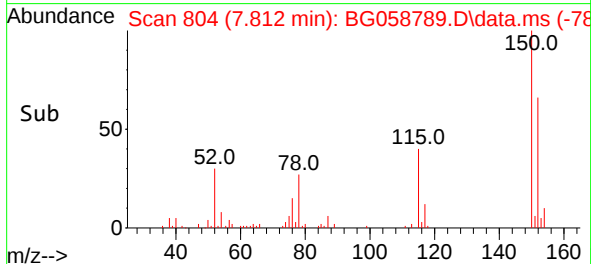
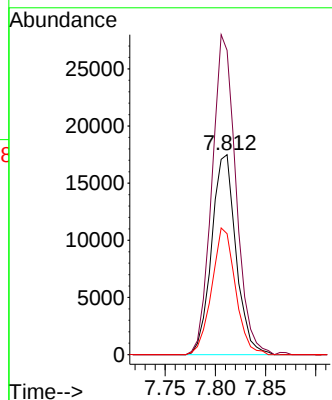
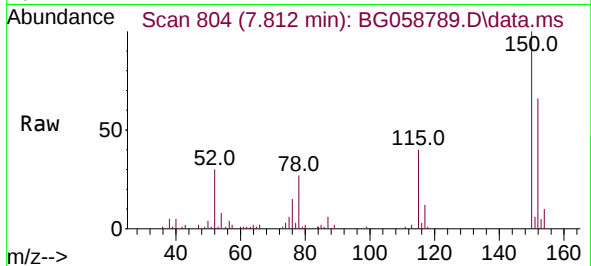




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.812 min Scan# 804
Delta R.T. -0.000 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

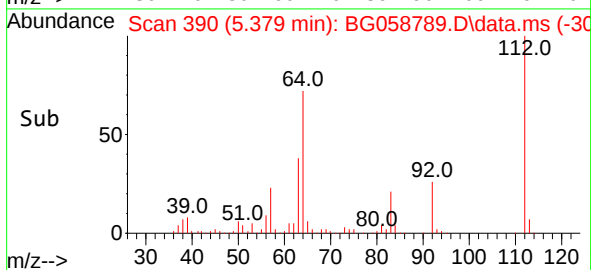
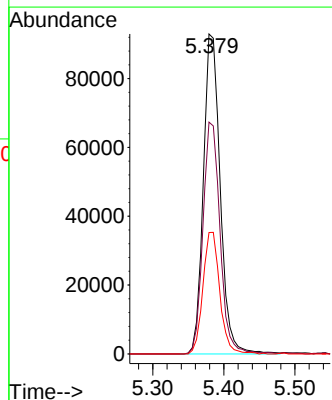
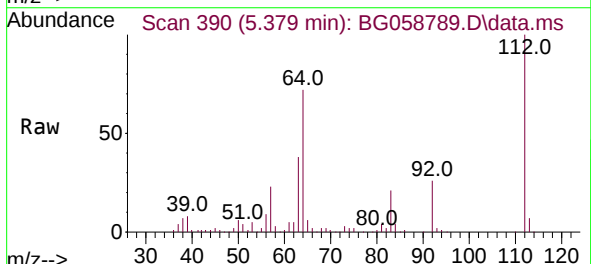
Instrument :
BNA_G
ClientSampleId :
B-PP07A

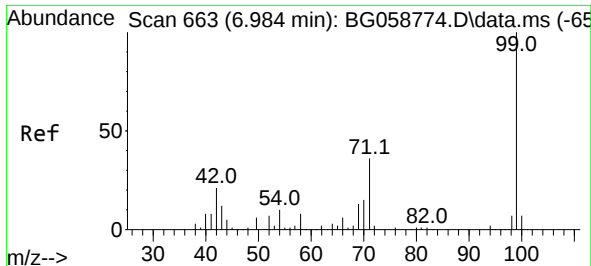
Tgt Ion:152 Resp: 29547
Ion Ratio Lower Upper
152 100
150 152.2 128.6 192.8
115 60.5 50.4 75.6



#5
2-Fluorophenol
Concen: 83.217 ng
RT: 5.379 min Scan# 390
Delta R.T. -0.001 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

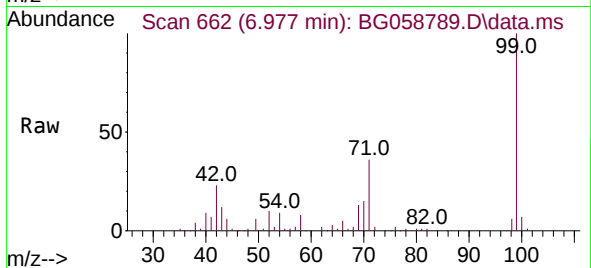
Tgt Ion:112 Resp: 152791
Ion Ratio Lower Upper
112 100
64 72.4 60.6 90.8
63 37.9 31.0 46.4



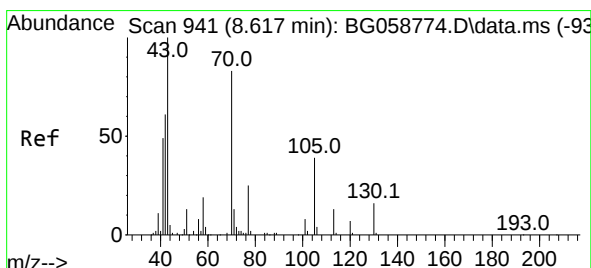
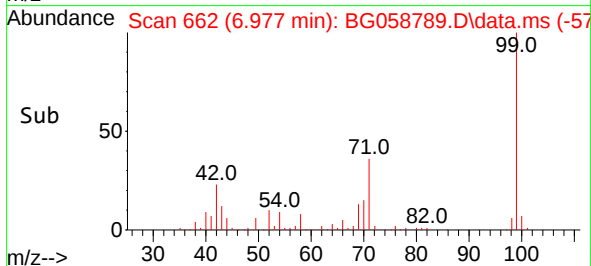
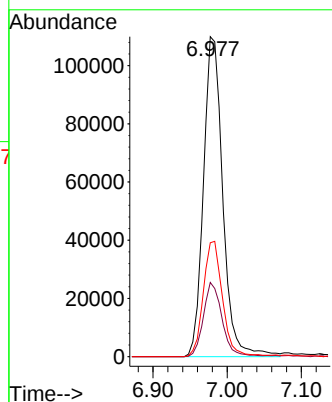


#7
Phenol-d6
Concen: 77.365 ng
RT: 6.977 min Scan# 60
Delta R.T. -0.007 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Instrument :
BNA_G
ClientSampleId :
B-PP07A

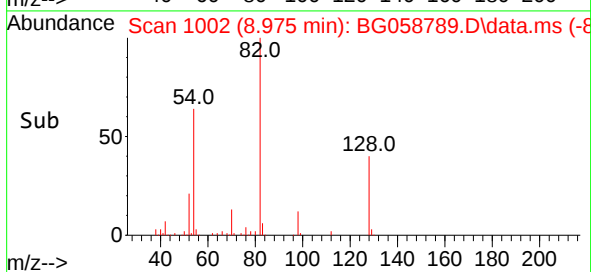
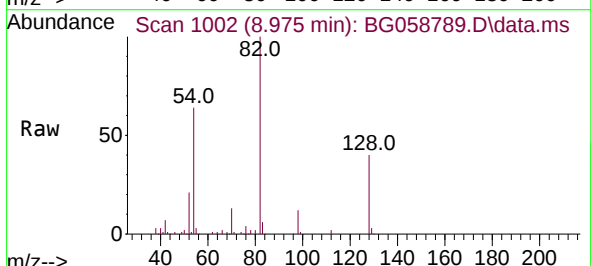
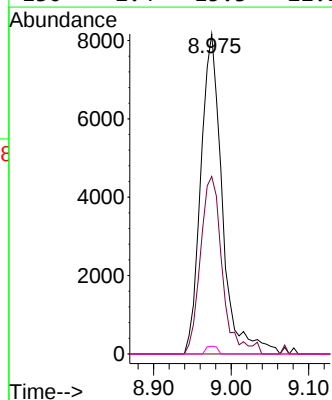


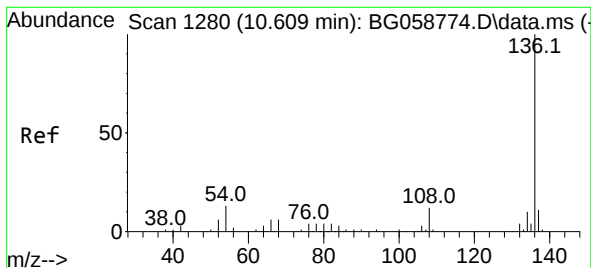
Tgt Ion: 99 Resp: 199294
Ion Ratio Lower Upper
99 100
42 23.2 16.5 24.7
71 35.6 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.404 ng
RT: 8.975 min Scan# 1002
Delta R.T. 0.358 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Tgt Ion: 70 Resp: 15660
Ion Ratio Lower Upper
70 100
42 55.4 59.2 88.8#
101 0.0 8.2 12.2#
130 2.4 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.608 min Scan# 11

Delta R.T. -0.001 min

Lab File: BG058789.D

Acq: 21 Aug 2023 11:43

Instrument :

BNA_G

ClientSampleId :

B-PP07A

Tgt Ion:136 Resp: 125203

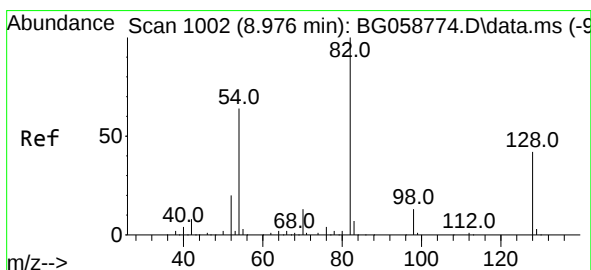
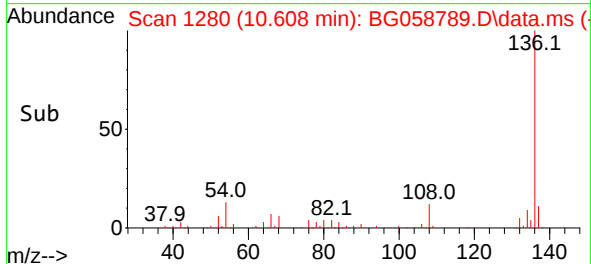
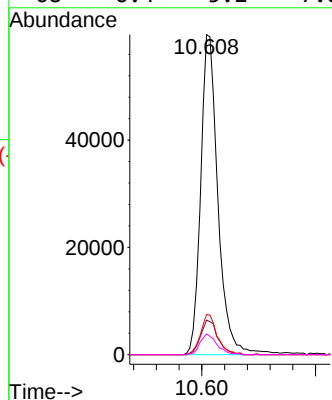
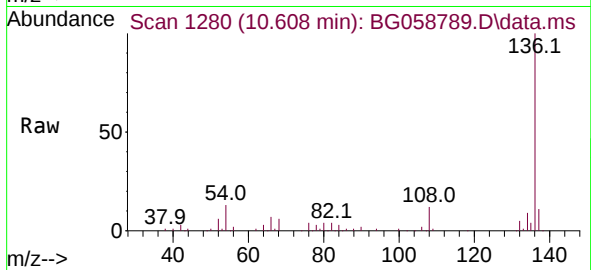
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 12.5 10.1 15.1

68 6.4 5.2 7.8



#23

Nitrobenzene-d5

Concen: 47.280 ng

RT: 8.975 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058789.D

Acq: 21 Aug 2023 11:43

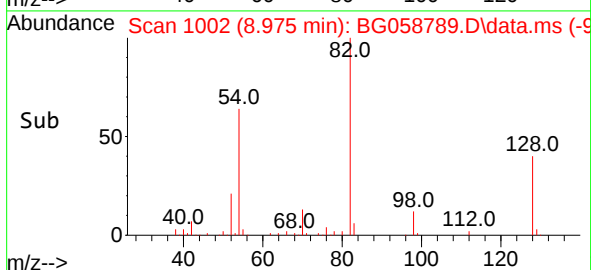
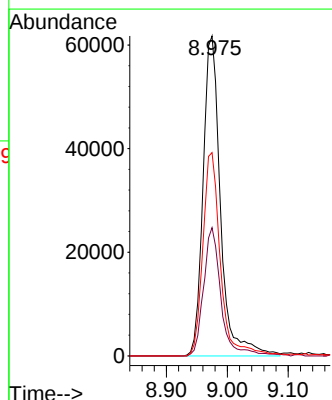
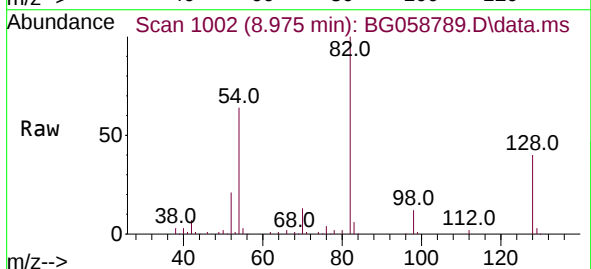
Tgt Ion: 82 Resp: 123126

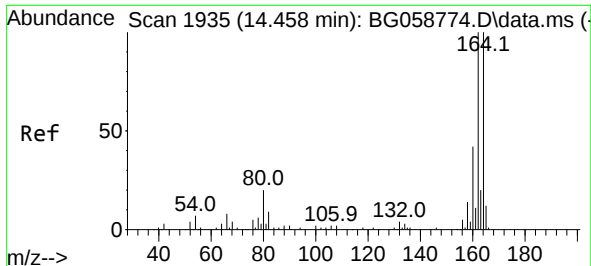
Ion Ratio Lower Upper

82 100

128 40.1 33.2 49.8

54 63.5 51.2 76.8

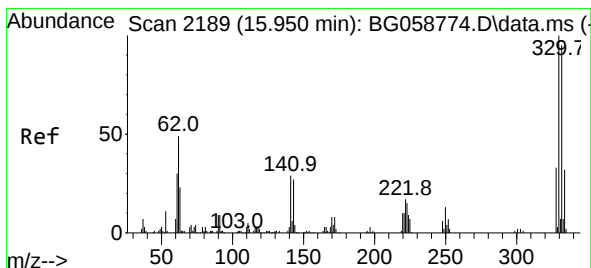
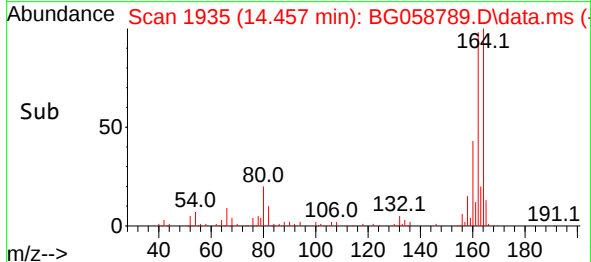
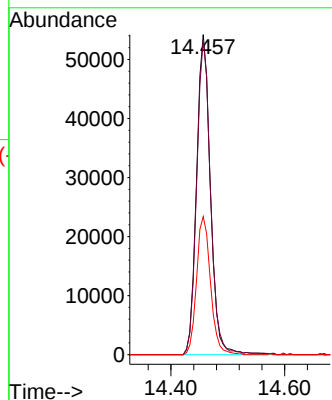
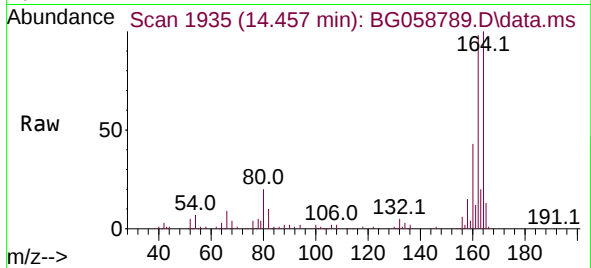




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

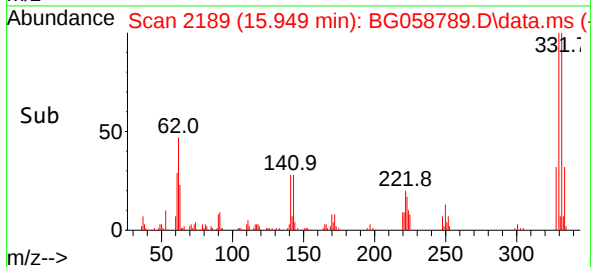
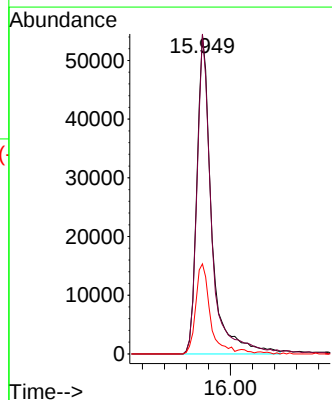
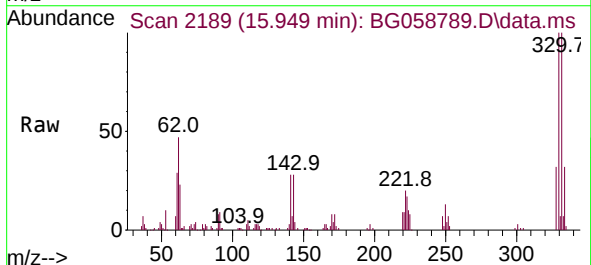
Instrument :
BNA_G
ClientSampleId :
B-PP07A

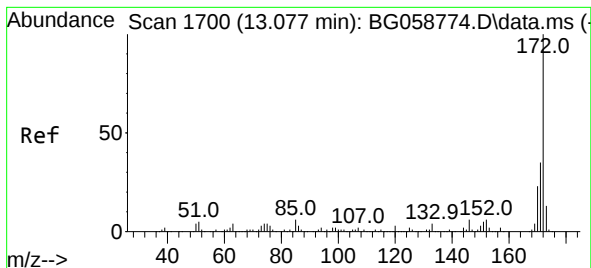
Tgt Ion:164 Resp: 91404
Ion Ratio Lower Upper
164 100
162 98.4 79.6 119.4
160 43.1 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 70.860 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Tgt Ion:330 Resp: 101556
Ion Ratio Lower Upper
330 100
332 98.0 78.5 117.7
141 27.4 23.0 34.6

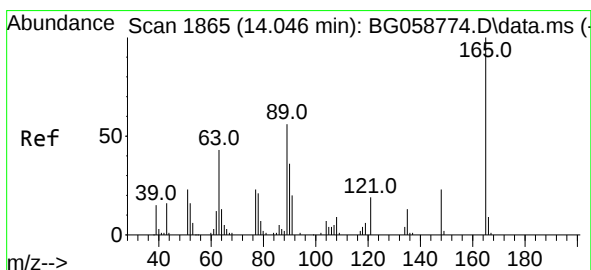
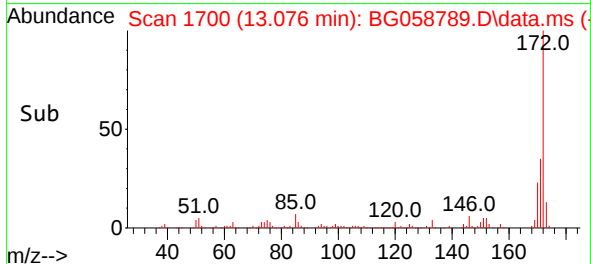
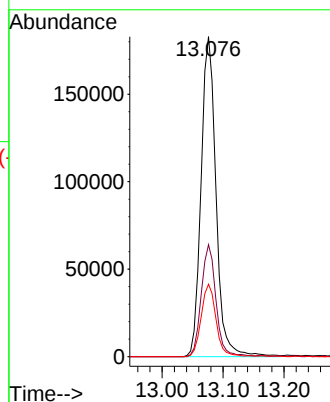
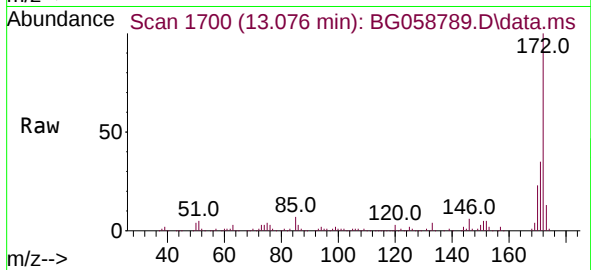




#45
2-Fluorobiphenyl
Concen: 49.548 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

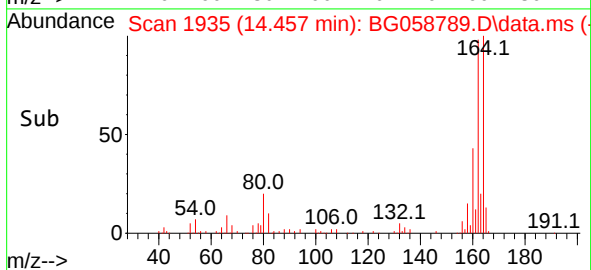
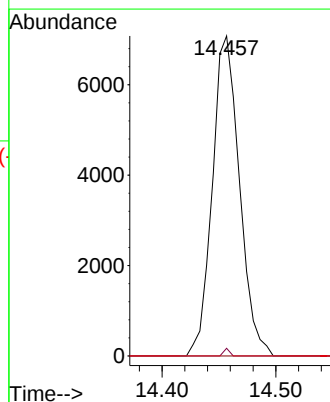
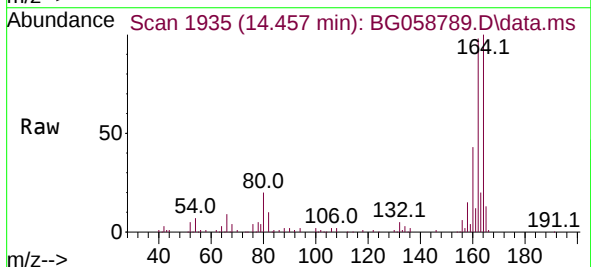
Instrument :
BNA_G
ClientSampleId :
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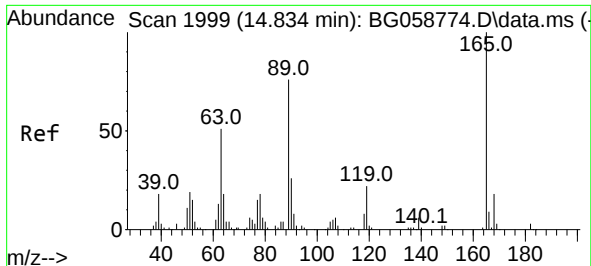
Tgt Ion:172 Resp: 311380
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.888 ng
RT: 14.457 min Scan# 1935
Delta R.T. 0.411 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Tgt Ion:165 Resp: 11728
Ion Ratio Lower Upper
165 100
63 2.4 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.655 ng

RT: 14.457 min Scan# 1999

Delta R.T. -0.377 min

Lab File: BG058789.D

Acq: 21 Aug 2023 11:43

Instrument :

BNA_G

ClientSampleId :

B-PP07A

Tgt Ion:165 Resp: 11728

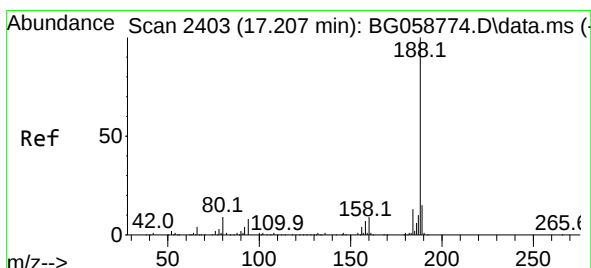
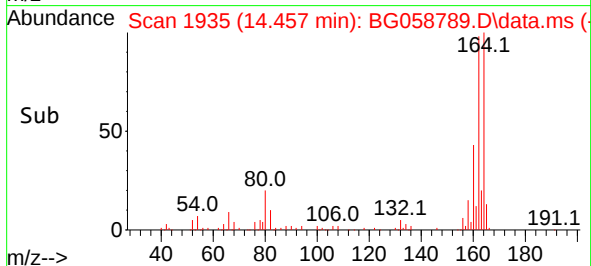
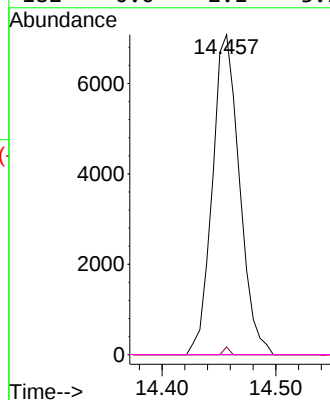
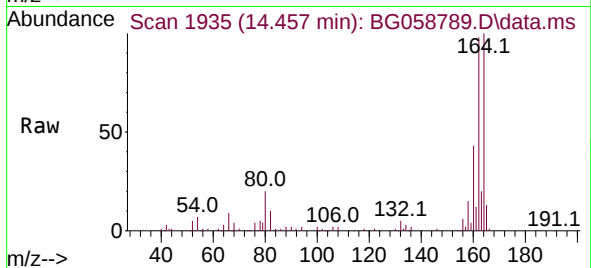
Ion Ratio Lower Upper

165 100

63 2.4 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: 17.206 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BG058789.D

Acq: 21 Aug 2023 11:43

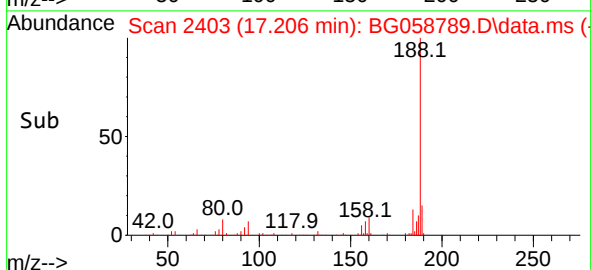
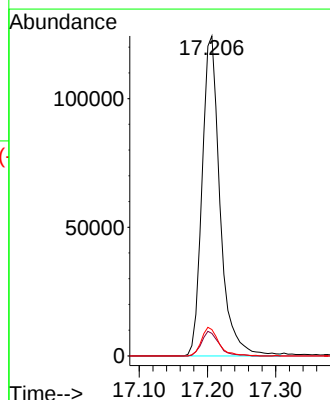
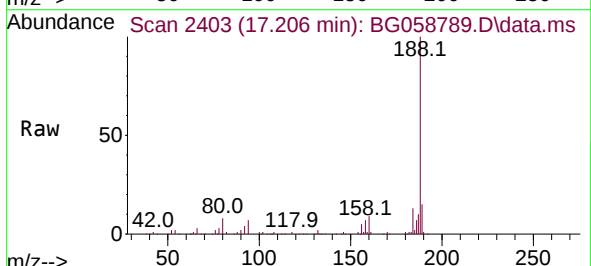
Tgt Ion:188 Resp: 227435

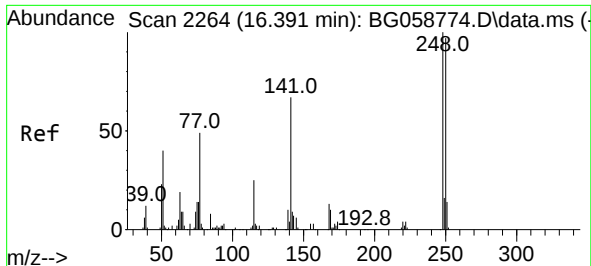
Ion Ratio Lower Upper

188 100

94 7.0 6.1 9.1

80 8.2 6.9 10.3

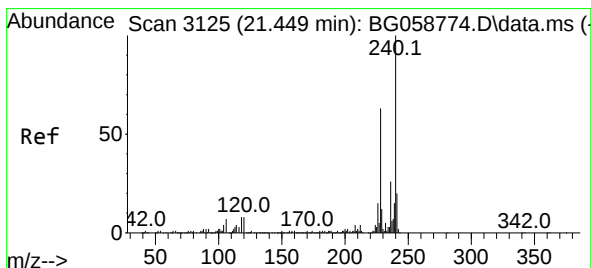
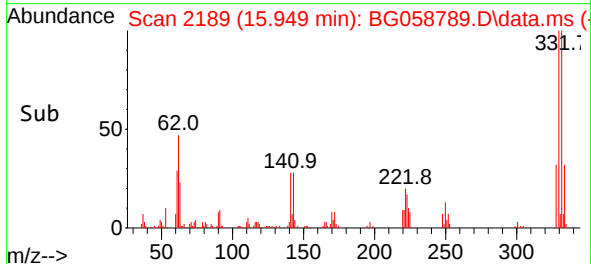
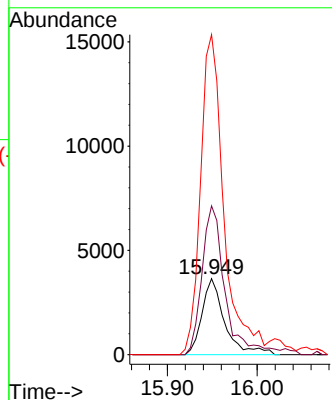
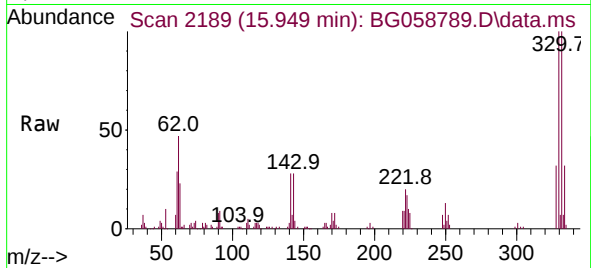




#67
4-Bromophenyl-phenylether
Concen: 2.560 ng
RT: 15.949 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

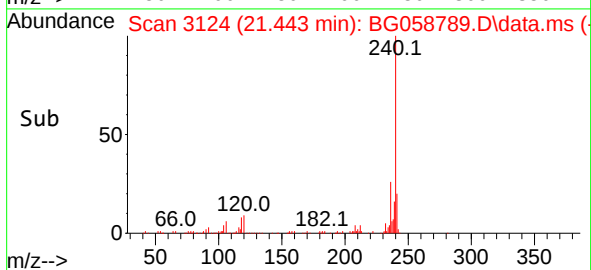
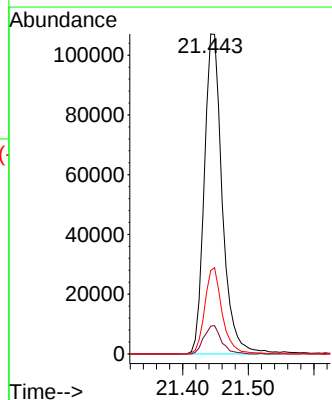
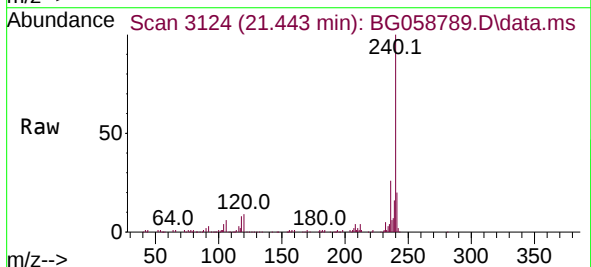
Instrument :
BNA_G
ClientSampleId :
B-PP07A

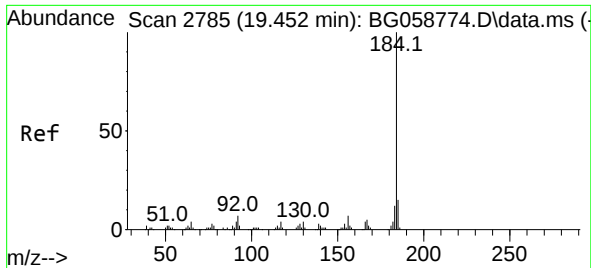
Tgt Ion:248 Resp: 6390
Ion Ratio Lower Upper
248 100
250 196.0 77.7 116.5#
141 421.8 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.443 min Scan# 3124
Delta R.T. -0.007 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Tgt Ion:240 Resp: 203021
Ion Ratio Lower Upper
240 100
120 8.7 6.2 9.2
236 26.1 20.5 30.7

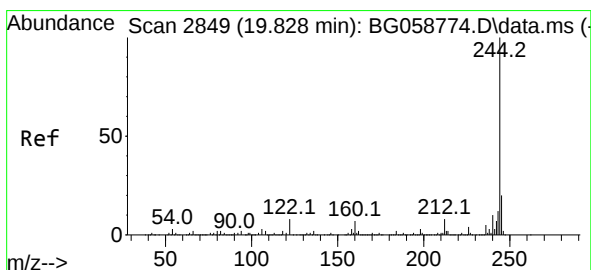
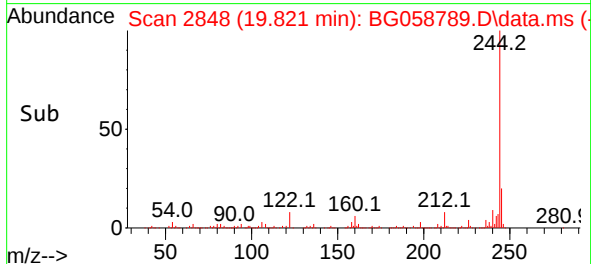
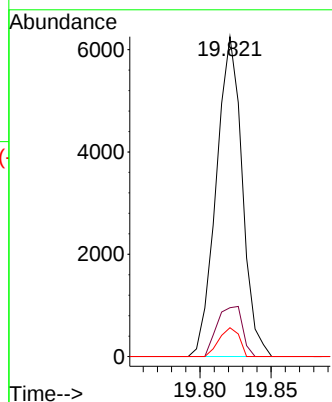
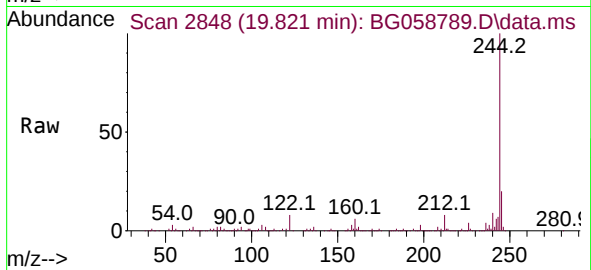




#77
Benzidine
Concen: 2.184 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.369 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

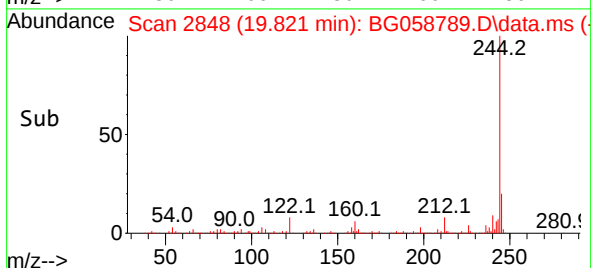
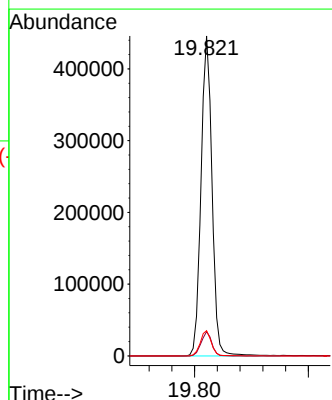
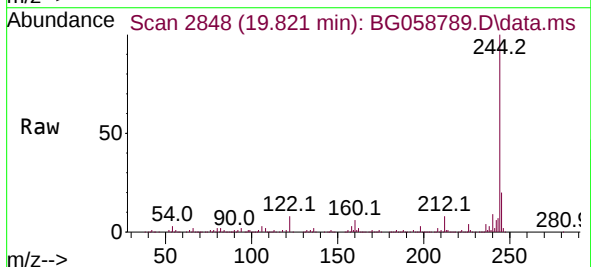
Instrument :
BNA_G
ClientSampleId :
B-PP07A

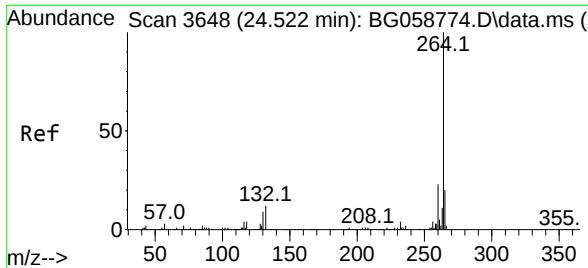
Tgt Ion:184 Resp: 7948
Ion Ratio Lower Upper
184 100
185 15.3 11.9 17.9
183 9.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 52.597 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG058789.D
Acq: 21 Aug 2023 11:43

Tgt Ion:244 Resp: 594693
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.9 6.3 9.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.521 min Scan# 30
 Delta R.T. -0.001 min
 Lab File: BG058789.D
 Acq: 21 Aug 2023 11:43

Instrument :
 BNA_G
 ClientSampleId :
 B-PP07A

Tgt Ion:264	Resp:	243895
Ion Ratio	Lower	Upper
264	100	
260	22.5	18.2 27.2
265	21.0	16.4 24.6

