

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058790.D
 Acq On : 21 Aug 2023 12:24
 Operator : MA/JU
 Sample : 04086-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP07B

Quant Time: Aug 22 01:24:58 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)

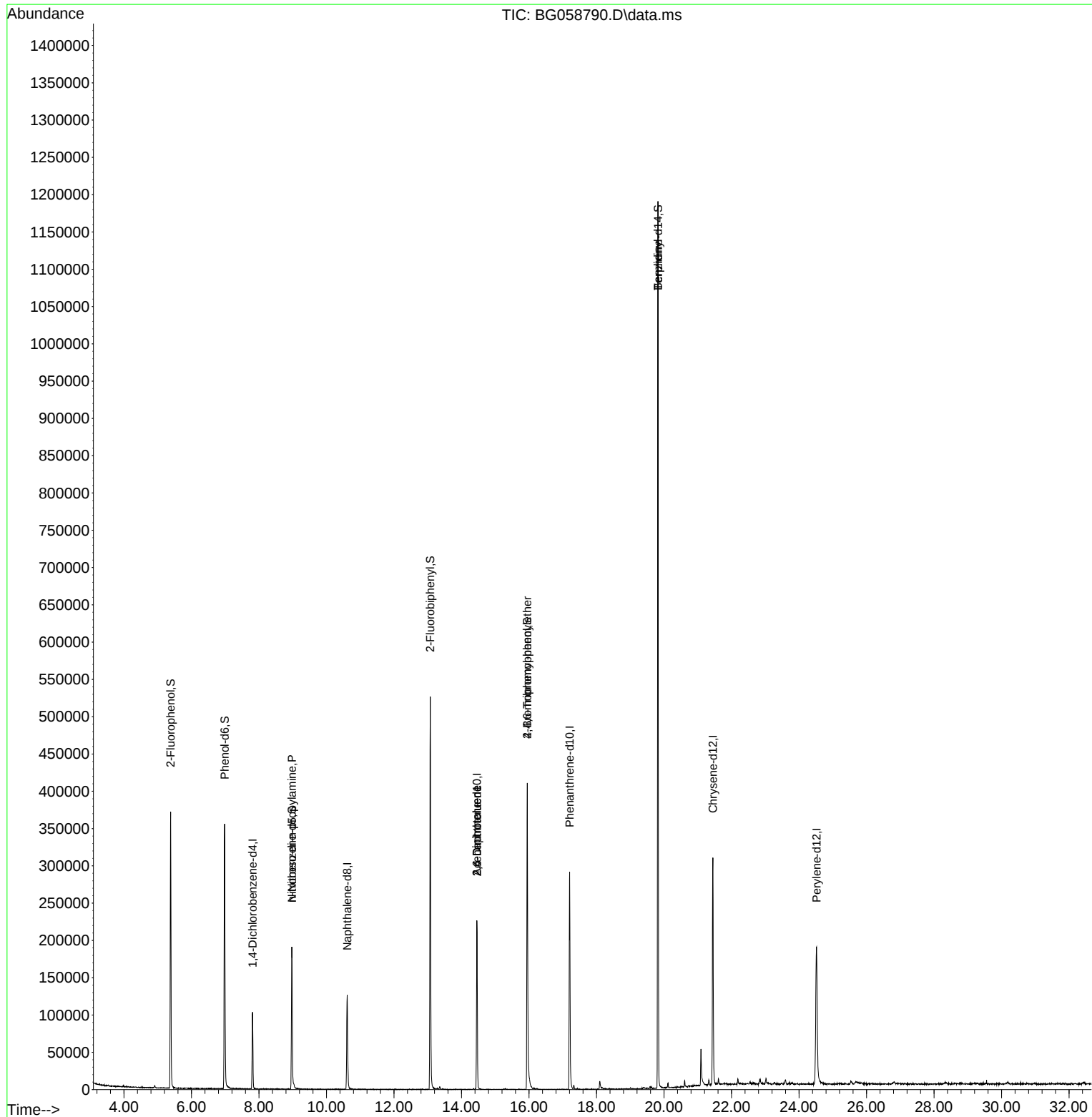
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.811	152	28645	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	122321	20.000	ng	0.00
39) Acenaphthene-d10	14.456	164	89743	20.000	ng	0.00
64) Phenanthrene-d10	17.206	188	226252	20.000	ng	0.00
76) Chrysene-d12	21.448	240	203095	20.000	ng	0.00
86) Perylene-d12	24.521	264	244178	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.385	112	153123	86.024	ng	0.00
7) Phenol-d6	6.983	99	210518	84.295	ng	0.00
23) Nitrobenzene-d5	8.974	82	122968	48.332	ng	0.00
42) 2,4,6-Tribromophenol	15.949	330	104389	74.185	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	308993	50.078	ng	0.00
79) Terphenyl-d14	19.821	244	613782	54.265	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.974	70	14875	9.214	ng	Qvalue # 76
51) 2,6-Dinitrotoluene	14.456	165	11617	7.958	ng	# 22
57) 2,4-Dinitrotoluene	14.456	165	11617	5.705	ng	# 19
67) 4-Bromophenyl-phenylether	15.949	248	6539	2.634	ng	# 1
77) Benzidine	19.821	184	8403	2.309	ng	# 88

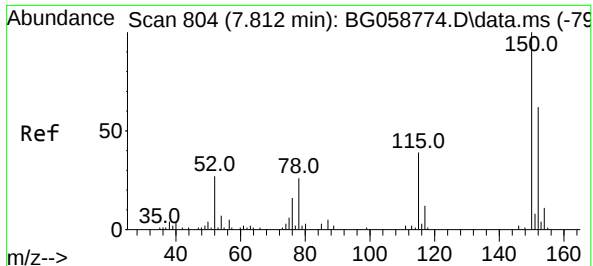
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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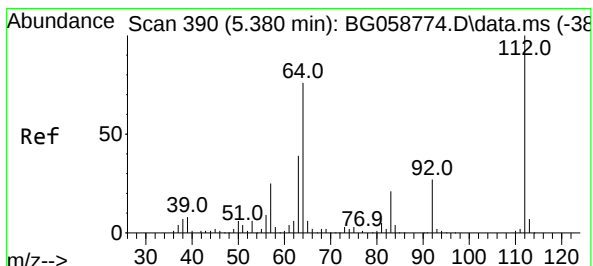
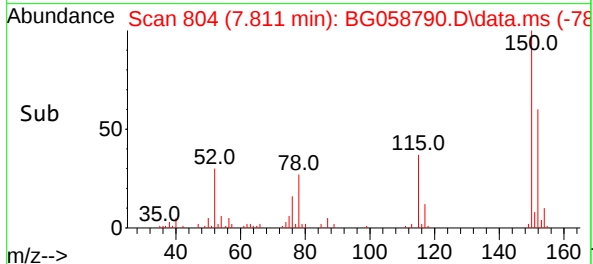
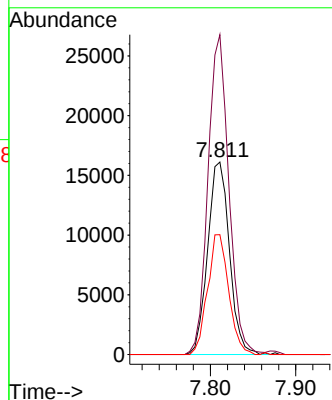
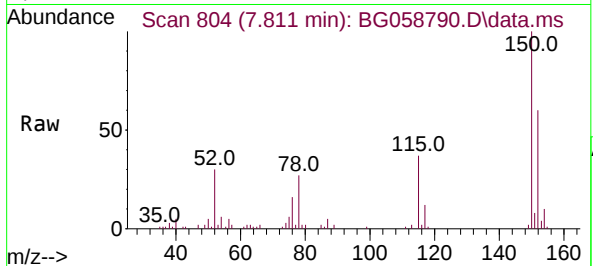




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.811 min Scan# 804
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

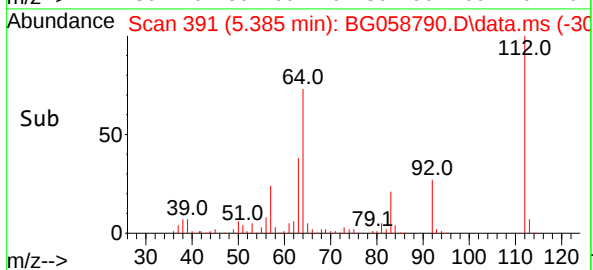
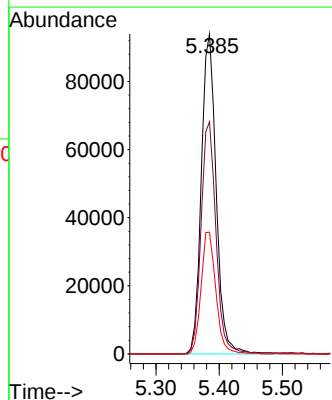
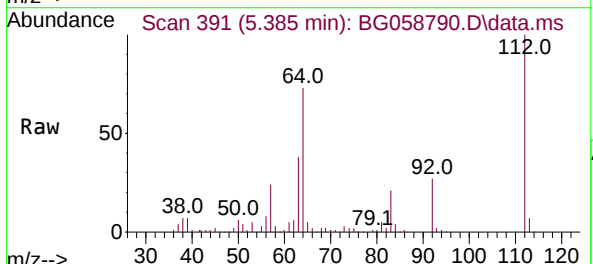
Instrument :
BNA_G
ClientSampleId :
B-PP07B

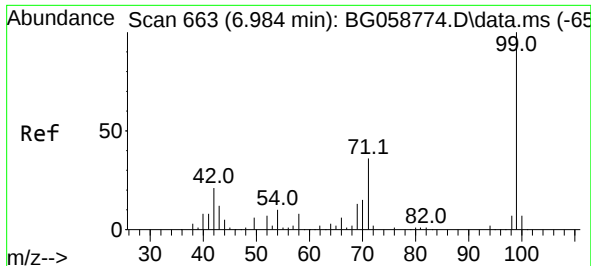
Tgt Ion:152 Resp: 28645
Ion Ratio Lower Upper
152 100
150 166.2 128.6 192.8
115 62.3 50.4 75.6



#5
2-Fluorophenol
Concen: 86.024 ng
RT: 5.385 min Scan# 391
Delta R.T. 0.005 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion:112 Resp: 153123
Ion Ratio Lower Upper
112 100
64 72.5 60.6 90.8
63 38.0 31.0 46.4

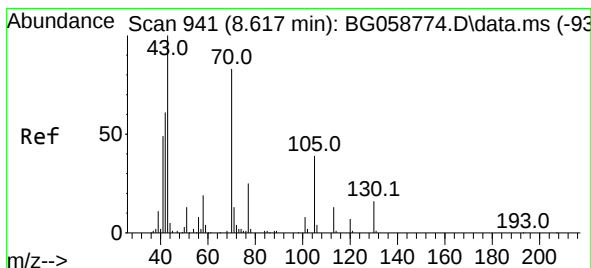
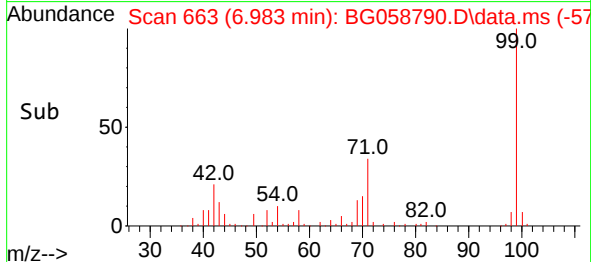
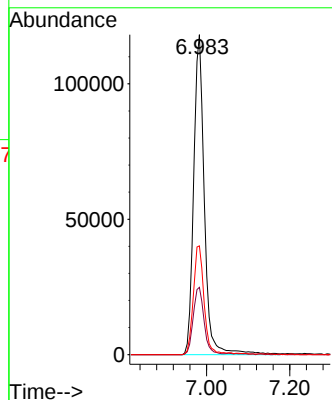
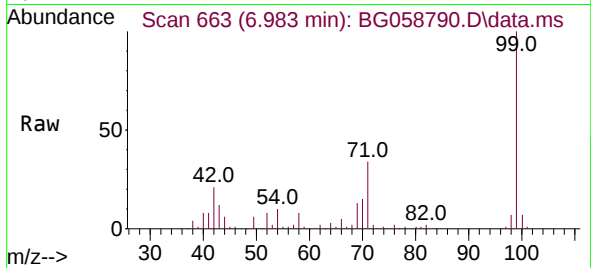




#7
Phenol-d6
Concen: 84.295 ng
RT: 6.983 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

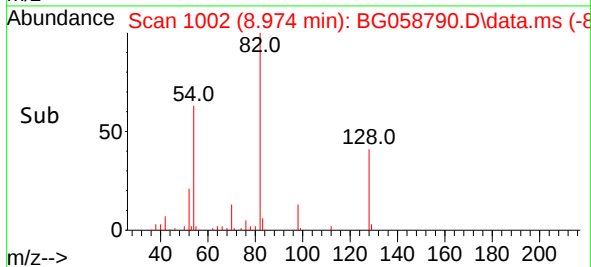
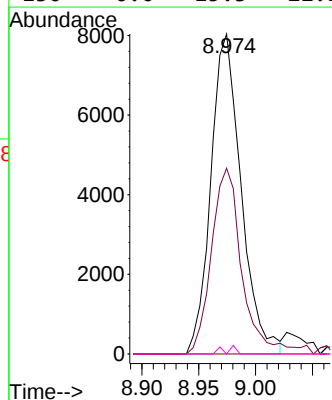
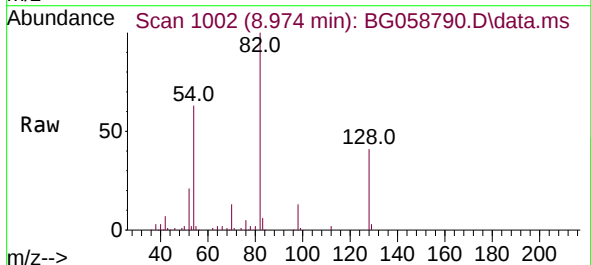
Instrument :
BNA_G
ClientSampleId :
B-PP07B

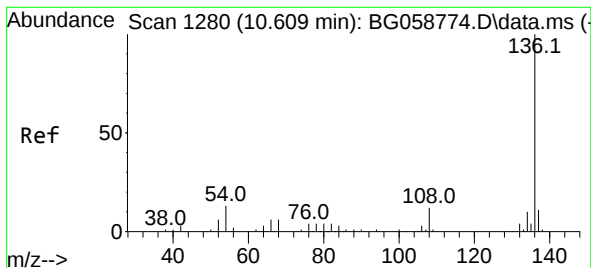
Tgt Ion: 99 Resp: 210518
Ion Ratio Lower Upper
99 100
42 21.0 16.5 24.7
71 34.0 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.214 ng
RT: 8.974 min Scan# 1002
Delta R.T. 0.357 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion: 70 Resp: 14875
Ion Ratio Lower Upper
70 100
42 58.0 59.2 88.8#
101 0.0 8.2 12.2#
130 0.0 15.3 22.9#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.614 min Scan# 1281

Delta R.T. 0.005 min

Lab File: BG058790.D

Acq: 21 Aug 2023 12:24

Instrument :

BNA_G

ClientSampleId :

B-PP07B

Tgt Ion:136 Resp: 122321

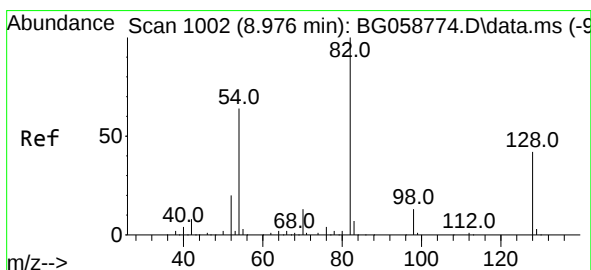
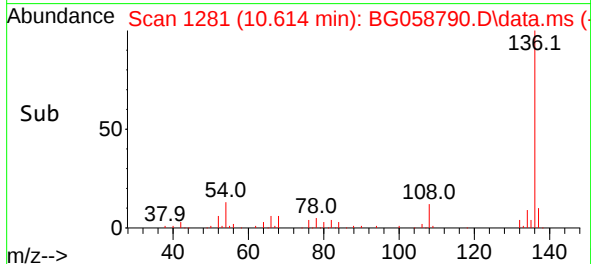
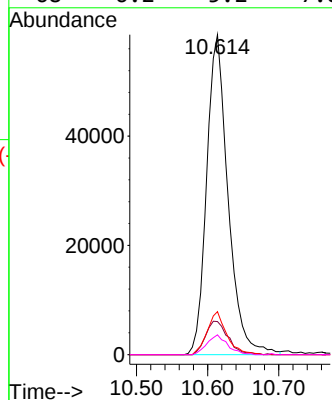
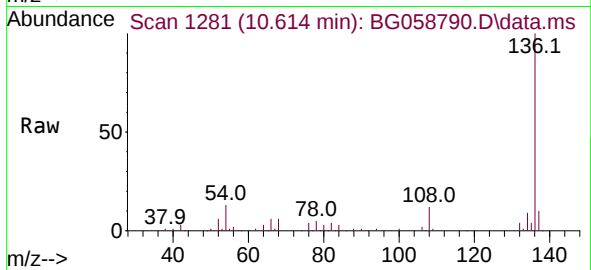
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 13.4 10.1 15.1

68 6.2 5.2 7.8



#23

Nitrobenzene-d5

Concen: 48.332 ng

RT: 8.974 min Scan# 1002

Delta R.T. -0.001 min

Lab File: BG058790.D

Acq: 21 Aug 2023 12:24

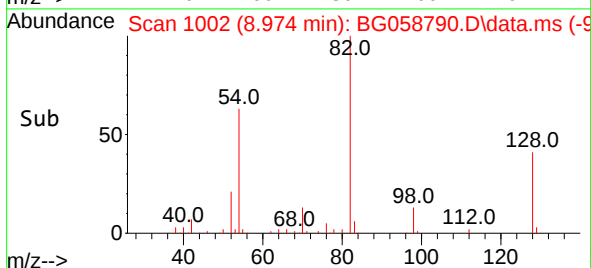
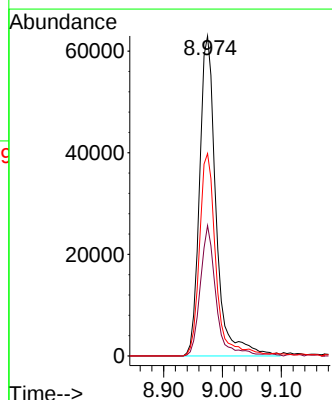
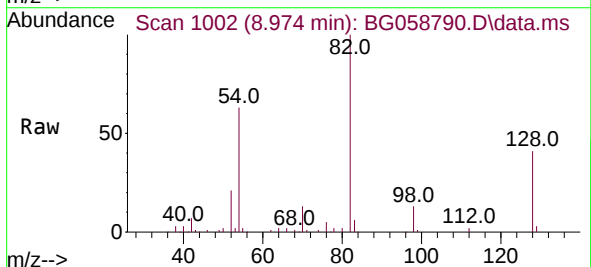
Tgt Ion: 82 Resp: 122968

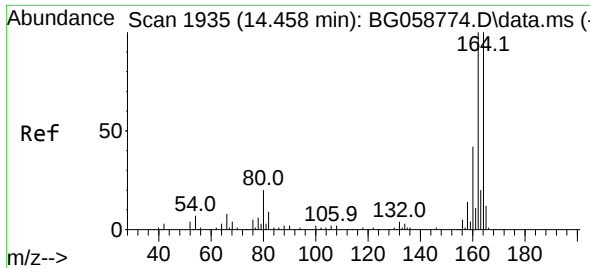
Ion Ratio Lower Upper

82 100

128 40.8 33.2 49.8

54 63.2 51.2 76.8

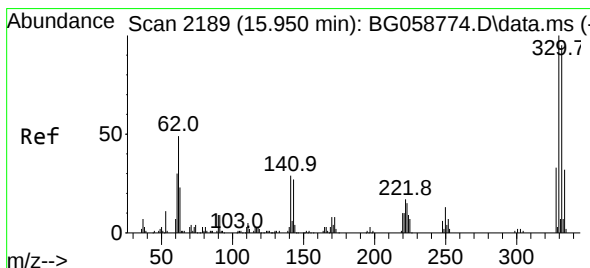
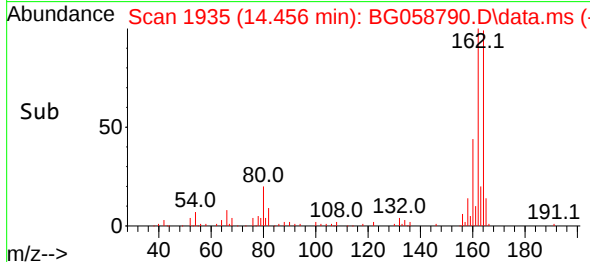
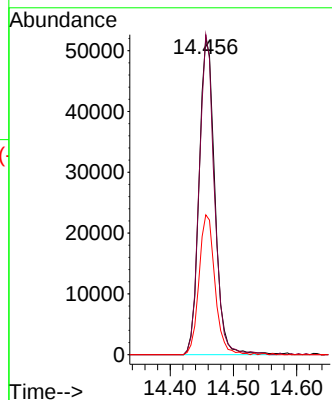
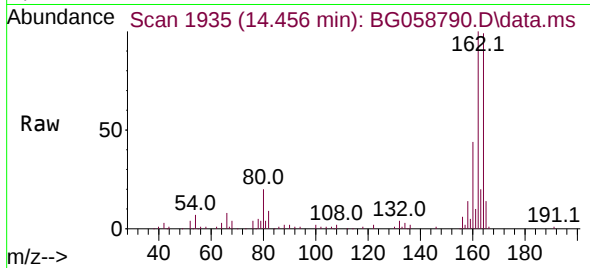




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.456 min Scan# 1935
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

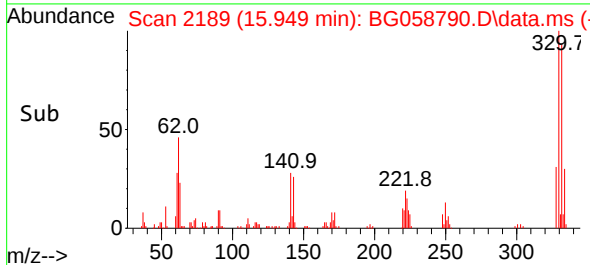
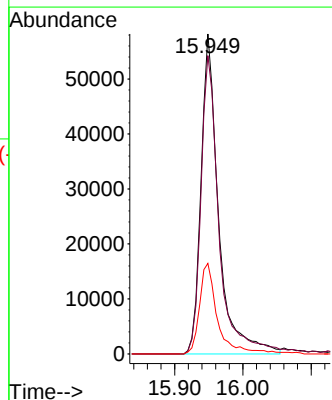
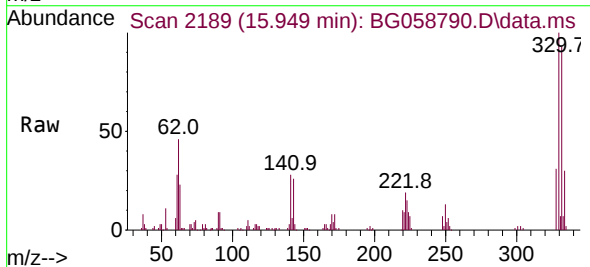
Instrument :
BNA_G
ClientSampleId :
B-PP07B

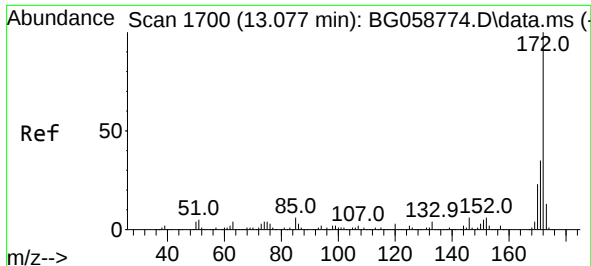
Tgt Ion:164 Resp: 89743
Ion Ratio Lower Upper
164 100
162 101.1 79.6 119.4
160 44.2 34.0 51.0



#42
2,4,6-Tribromophenol
Concen: 74.185 ng
RT: 15.949 min Scan# 2189
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion:330 Resp: 104389
Ion Ratio Lower Upper
330 100
332 97.4 78.5 117.7
141 29.2 23.0 34.6

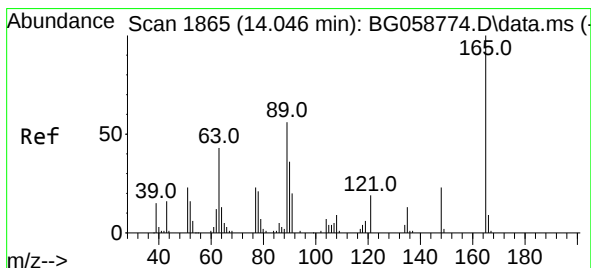
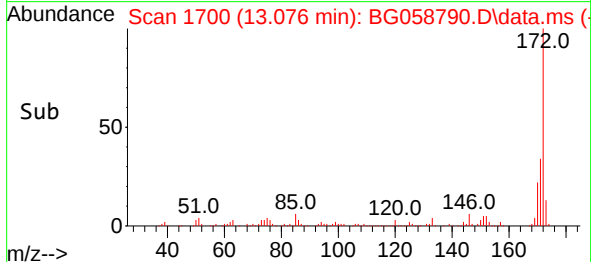
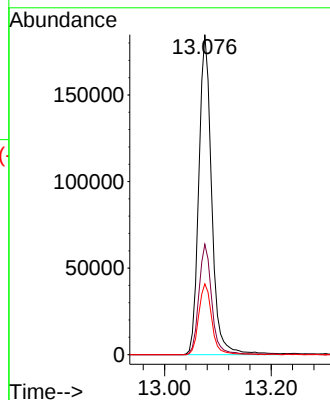
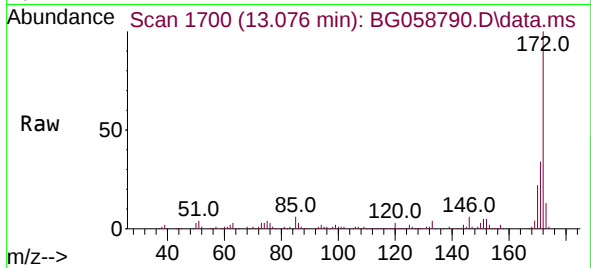




#45
2-Fluorobiphenyl
Concen: 50.078 ng
RT: 13.076 min Scan# 11
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

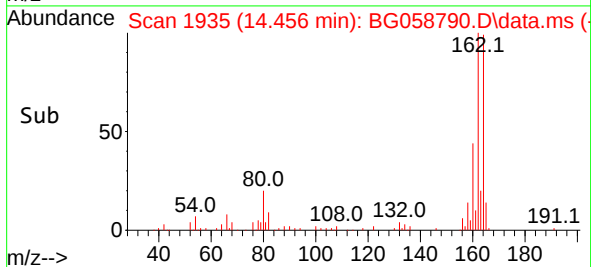
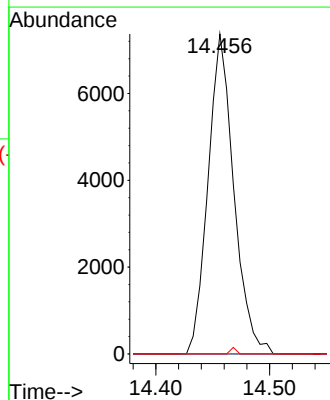
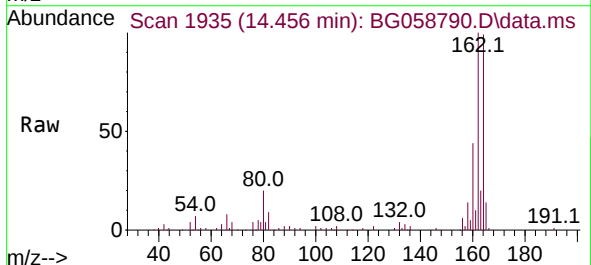
Instrument :
BNA_G
ClientSampleId :
B-PP07B

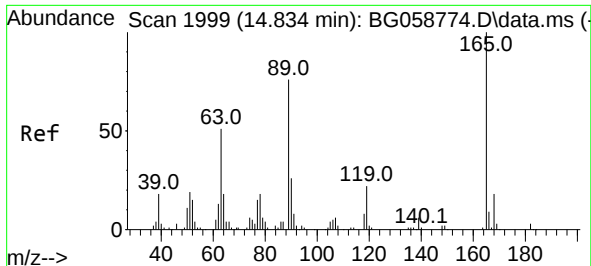
Tgt Ion:172 Resp: 308993
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.1 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.958 ng
RT: 14.456 min Scan# 1935
Delta R.T. 0.410 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion:165 Resp: 11617
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: 5.705 ng

RT: 14.456 min Scan# 1999

Delta R.T. -0.377 min

Lab File: BG058790.D

Acq: 21 Aug 2023 12:24

Instrument :

BNA_G

ClientSampleId :

B-PP07B

Tgt Ion:165 Resp: 11617

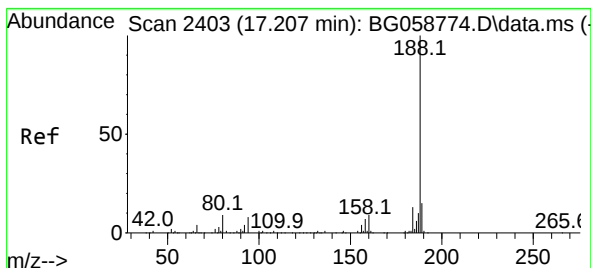
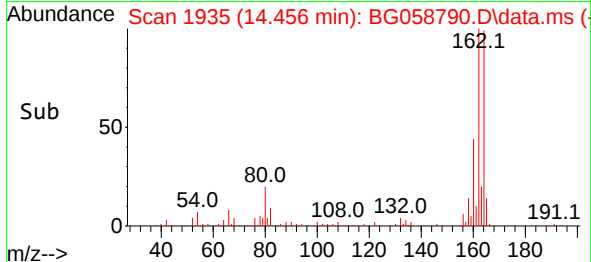
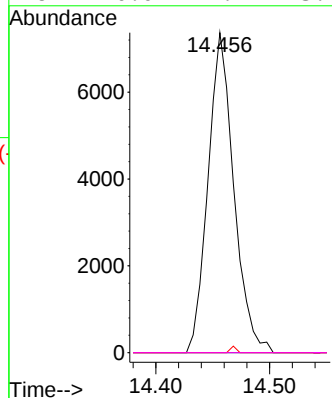
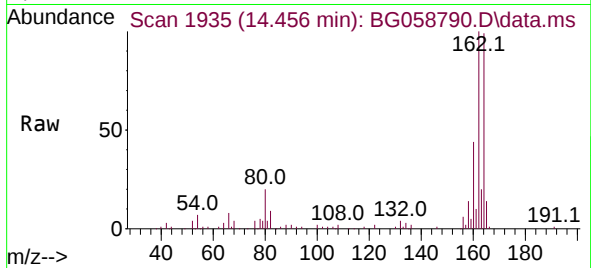
Ion Ratio Lower Upper

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: 17.206 min Scan# 2403

Delta R.T. -0.001 min

Lab File: BG058790.D

Acq: 21 Aug 2023 12:24

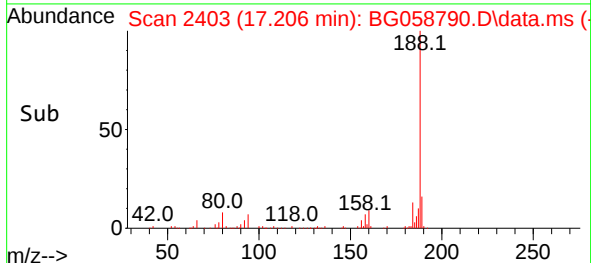
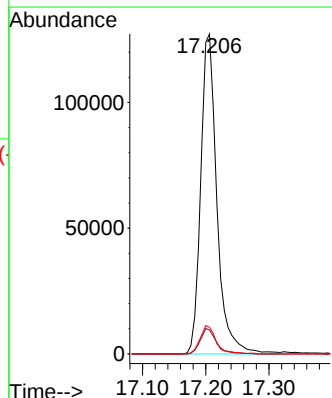
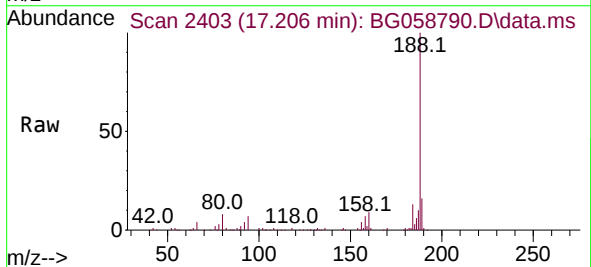
Tgt Ion:188 Resp: 226252

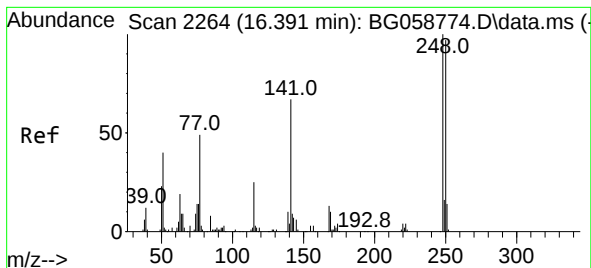
Ion Ratio Lower Upper

188 100

94 7.5 6.1 9.1

80 8.4 6.9 10.3

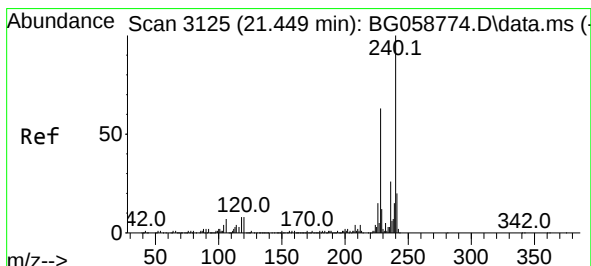
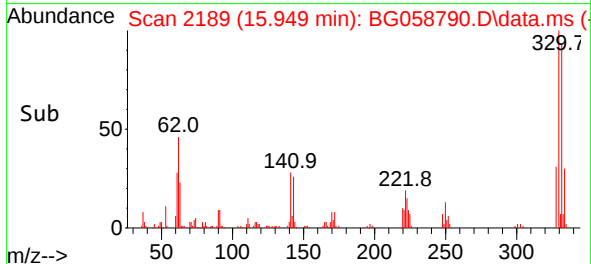
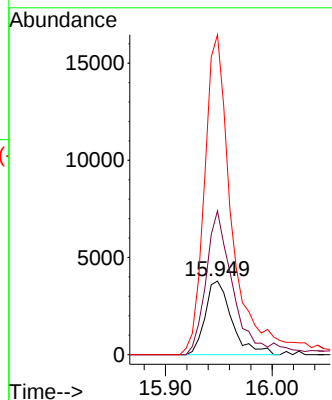
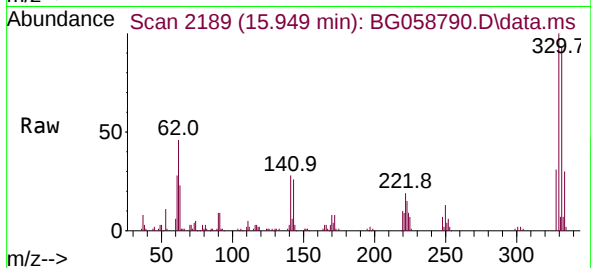




#67
4-Bromophenyl-phenylether
Concen: 2.634 ng
RT: 15.949 min Scan# 2119
Delta R.T. -0.442 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

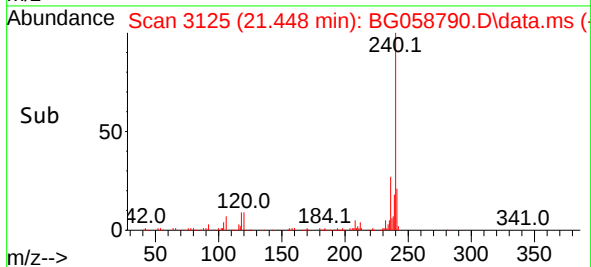
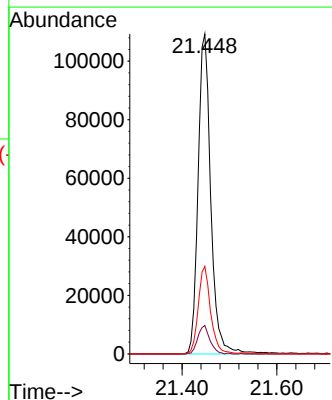
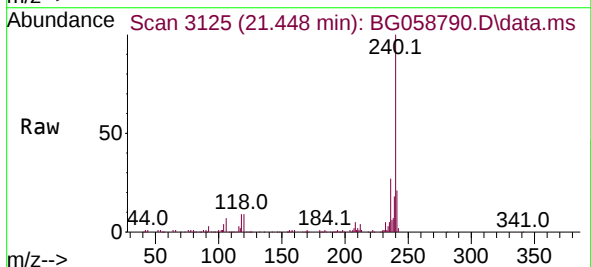
Instrument :
BNA_G
ClientSampleId :
B-PP07B

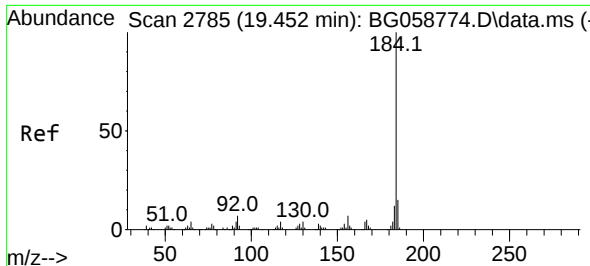
Tgt Ion:248 Resp: 6539
Ion Ratio Lower Upper
248 100
250 195.6 77.7 116.5#
141 435.2 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.001 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion:240 Resp: 203095
Ion Ratio Lower Upper
240 100
120 8.9 6.2 9.2
236 27.3 20.5 30.7

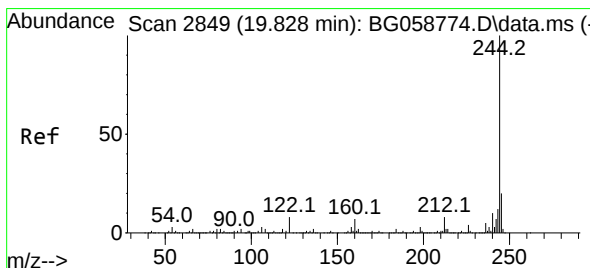
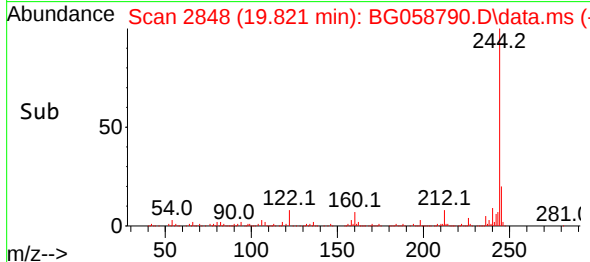
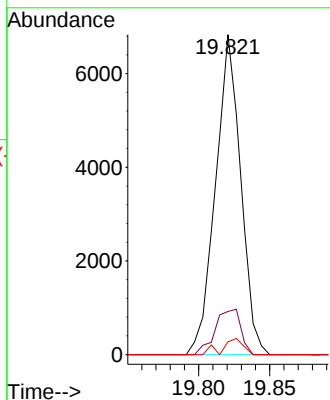
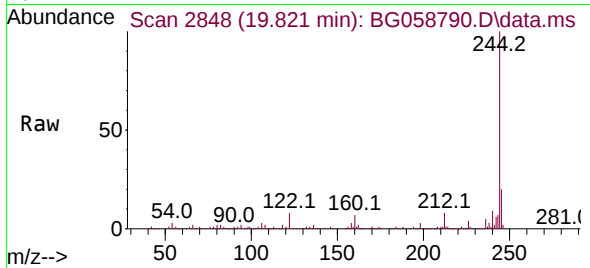




#77
Benzidine
Concen: 2.309 ng
RT: 19.821 min Scan# 2848
Delta R.T. 0.369 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

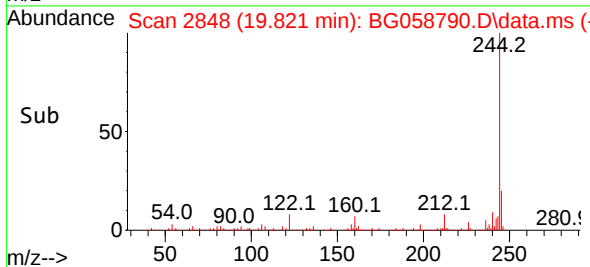
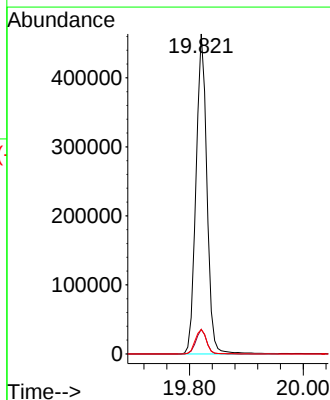
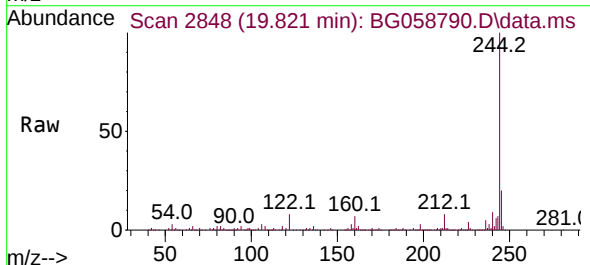
Instrument :
BNA_G
ClientSampleId :
B-PP07B

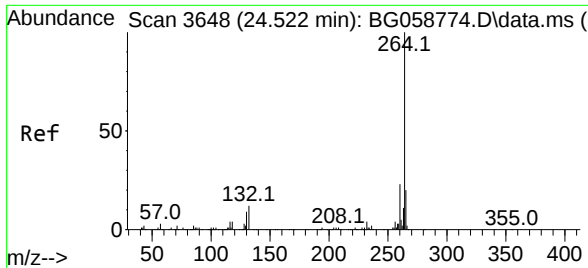
Tgt Ion:184 Resp: 8403
Ion Ratio Lower Upper
184 100
185 13.5 11.9 17.9
183 4.0 10.0 15.0#



#79
Terphenyl-d14
Concen: 54.265 ng
RT: 19.821 min Scan# 2848
Delta R.T. -0.007 min
Lab File: BG058790.D
Acq: 21 Aug 2023 12:24

Tgt Ion:244 Resp: 613782
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 7.6 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: BG058790.D
 Acq: 21 Aug 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 B-PP07B

Tgt Ion:264	Resp:	244178
Ion Ratio	Lower	Upper
264	100	
260	22.7	18.2 27.2
265	22.0	16.4 24.6

