

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082123\
 Data File : BG058797.D
 Acq On : 21 Aug 2023 17:14
 Operator : MA/JU
 Sample : 04086-12
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-PP14B

Quant Time: Aug 22 01:28:23 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)

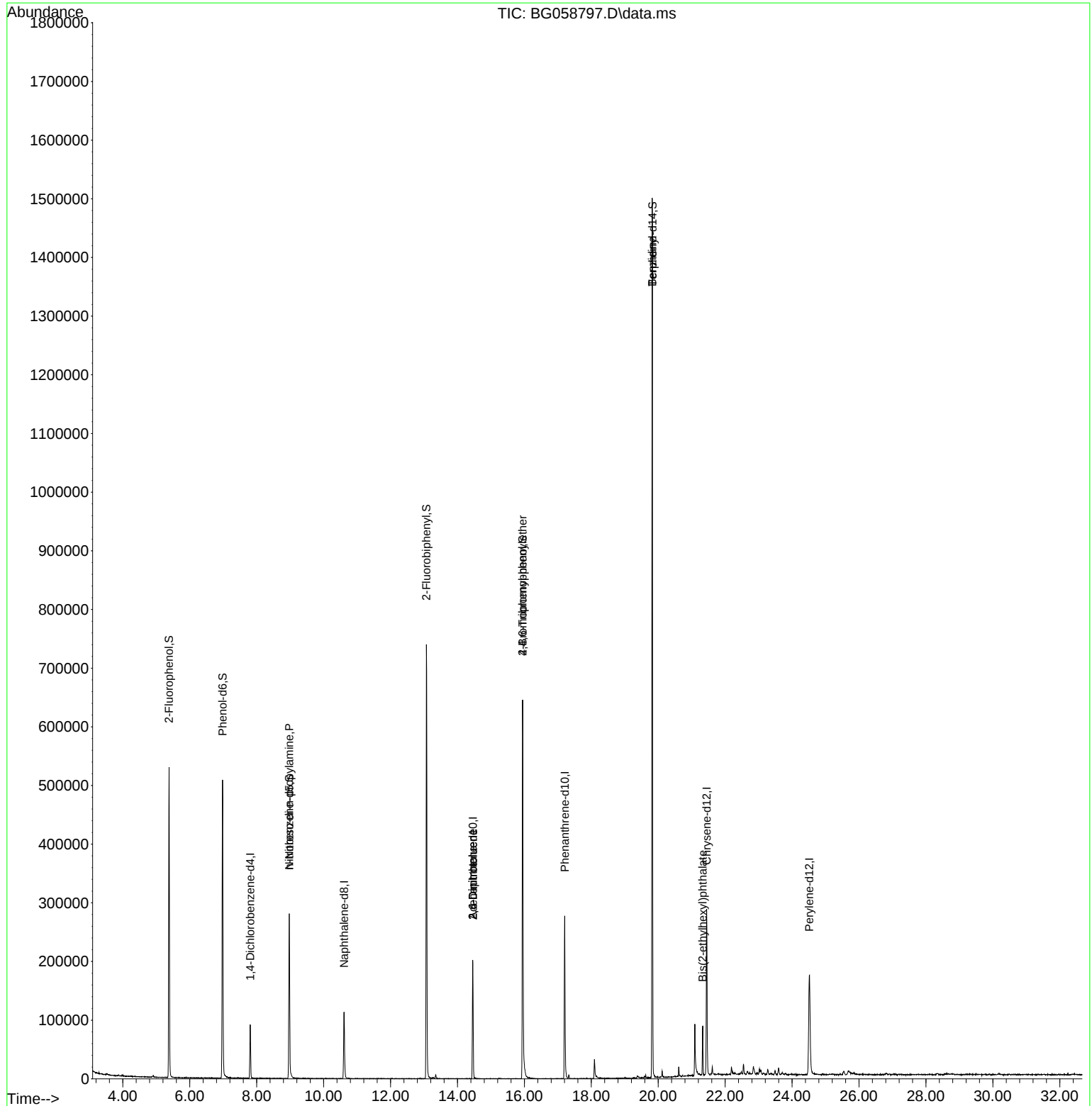
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.809	152	24861	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	106908	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	78011	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	199642	20.000	ng	0.00
76) Chrysene-d12	21.446	240	178839	20.000	ng	0.00
86) Perylene-d12	24.513	264	216264	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.383	112	211756	137.070	ng	0.00
7) Phenol-d6	6.981	99	293057	135.206	ng	0.00
23) Nitrobenzene-d5	8.973	82	178219	80.147	ng	0.00
42) 2,4,6-Tribromophenol	15.947	330	156433	127.889	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	432810	80.694	ng	0.00
79) Terphenyl-d14	19.825	244	808691	81.195	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.973	70	23004	16.419	ng	# 76
51) 2,6-Dinitrotoluene	14.460	165	9886	7.791	ng	# 24
57) 2,4-Dinitrotoluene	14.460	165	9886	5.586	ng	# 20
67) 4-Bromophenyl-phenylether	15.947	248	9723	4.438	ng	# 1
77) Benzidine	19.819	184	11449	3.572	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.329	149	31274	4.219	ng	100

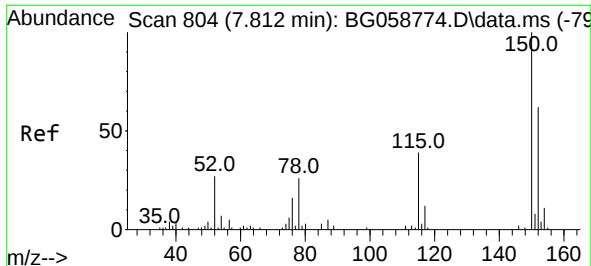
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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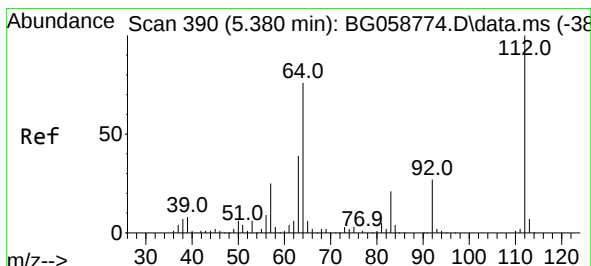
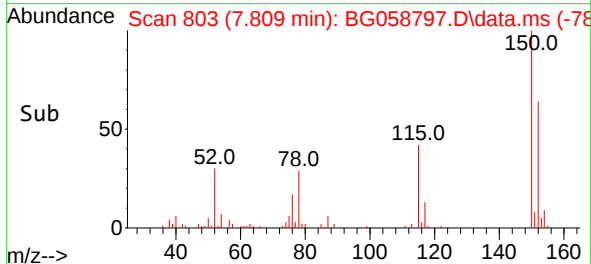
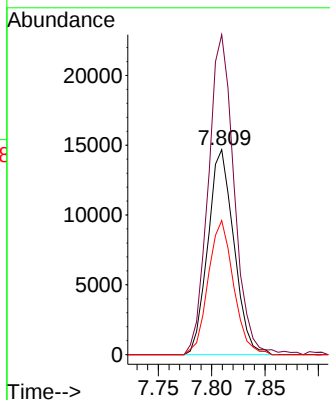
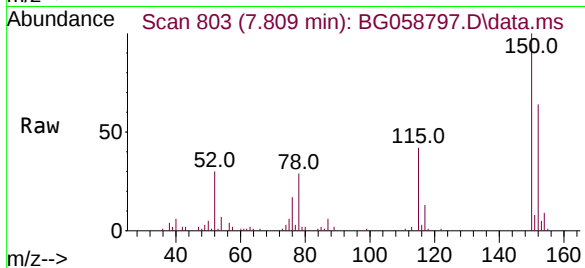




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.809 min Scan# 804
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

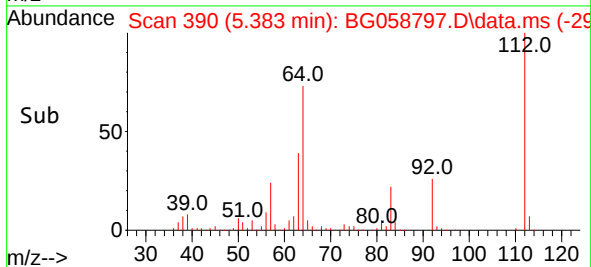
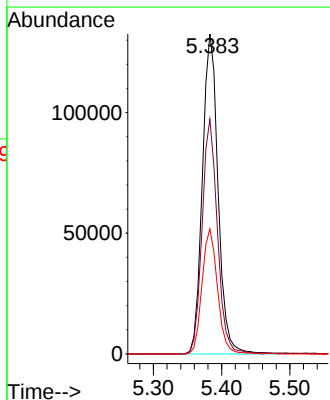
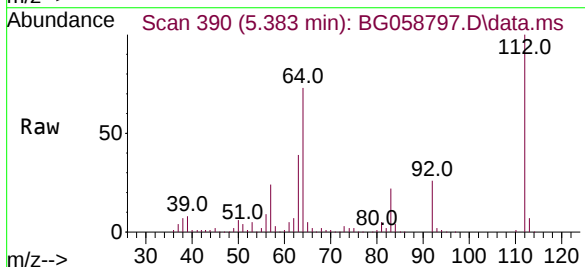
Instrument :
BNA_G
ClientSampleId :
B-PP14B

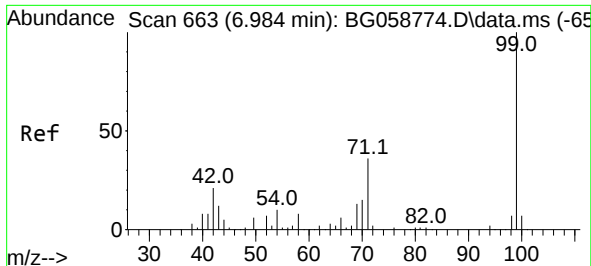
Tgt Ion:152 Resp: 24861
Ion Ratio Lower Upper
152 100
150 156.2 128.6 192.8
115 65.4 50.4 75.6



#5
2-Fluorophenol
Concen: 137.070 ng
RT: 5.383 min Scan# 390
Delta R.T. 0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion:112 Resp: 211756
Ion Ratio Lower Upper
112 100
64 73.3 60.6 90.8
63 39.0 31.0 46.4

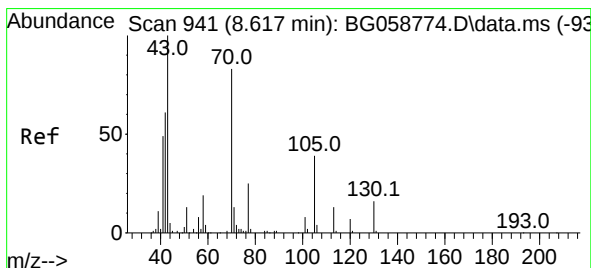
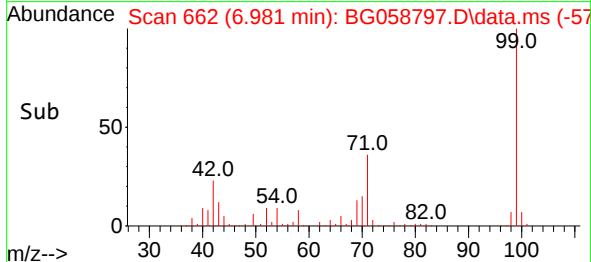
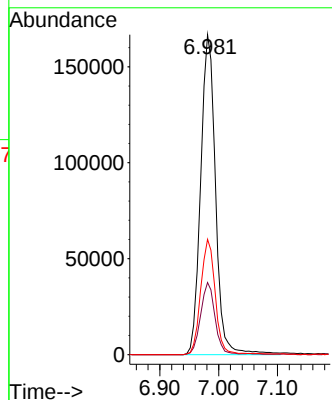
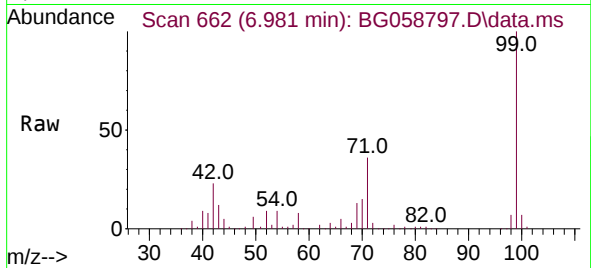




#7
Phenol-d6
Concen: 135.206 ng
RT: 6.981 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

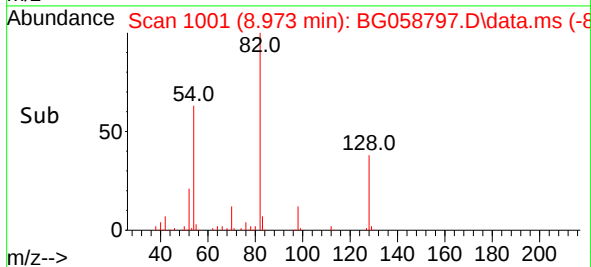
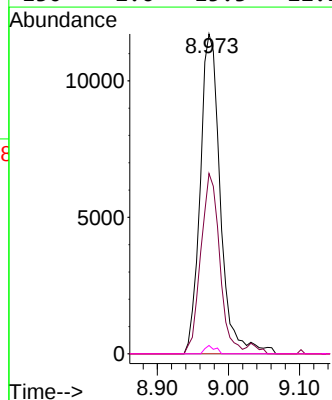
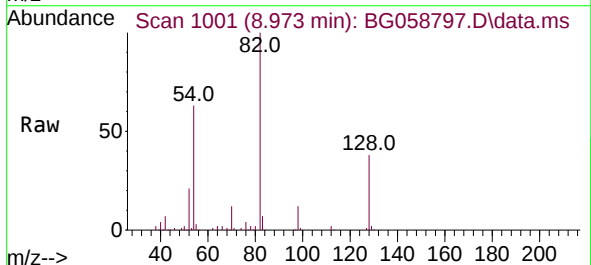
Instrument :
BNA_G
ClientSampleId :
B-PP14B

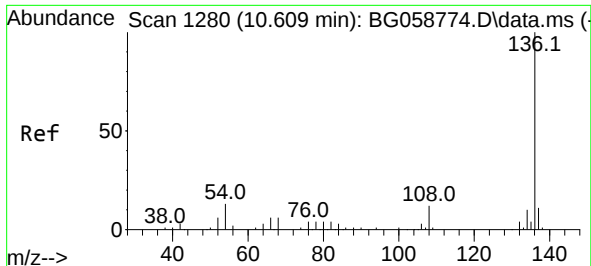
Tgt Ion: 99 Resp: 293057
Ion Ratio Lower Upper
99 100
42 22.5 16.5 24.7
71 36.1 28.4 42.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.419 ng
RT: 8.973 min Scan# 1001
Delta R.T. 0.355 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion: 70 Resp: 23004
Ion Ratio Lower Upper
70 100
42 56.4 59.2 88.8#
101 0.0 8.2 12.2#
130 2.6 15.3 22.9#

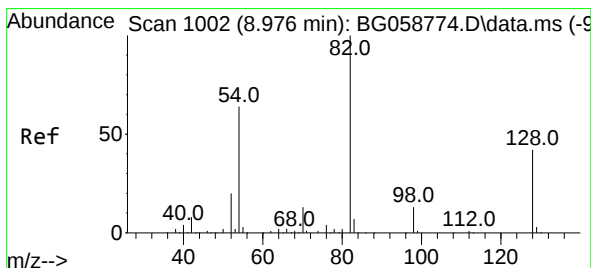
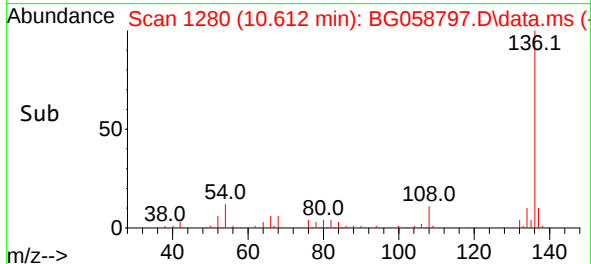
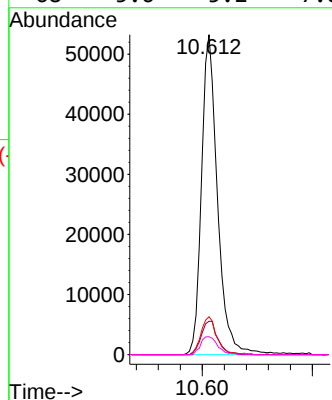
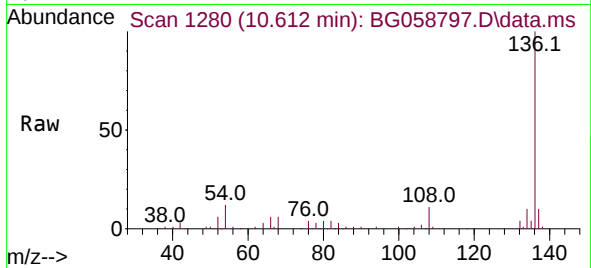




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

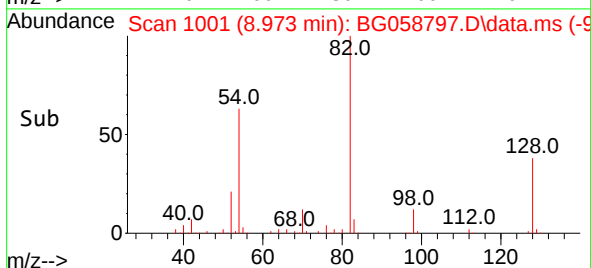
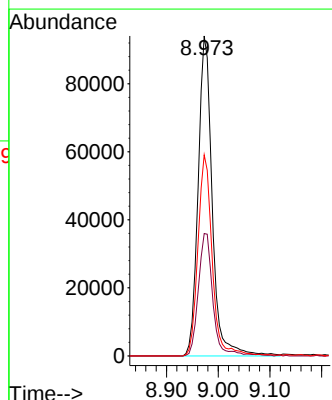
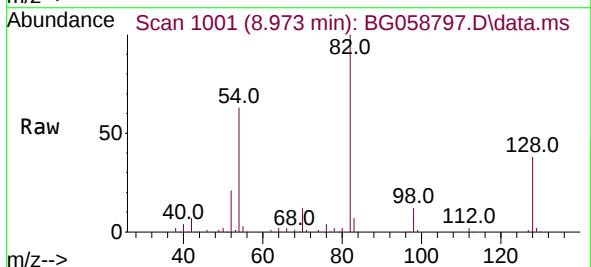
Instrument :
BNA_G
ClientSampleId :
B-PP14B

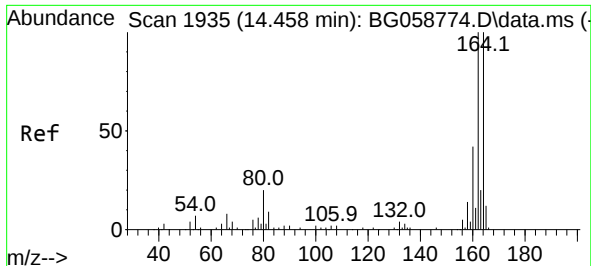
Tgt Ion:136 Resp: 106908
Ion Ratio Lower Upper
136 100
137 10.4 8.7 13.1
54 11.8 10.1 15.1
68 5.6 5.2 7.8



#23
Nitrobenzene-d5
Concen: 80.147 ng
RT: 8.973 min Scan# 1001
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion: 82 Resp: 178219
Ion Ratio Lower Upper
82 100
128 38.2 33.2 49.8
54 62.8 51.2 76.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.460 min Scan# 1935

Delta R.T. 0.003 min

Lab File: BG058797.D

Acq: 21 Aug 2023 17:14

Instrument :

BNA_G

ClientSampleId :

B-PP14B

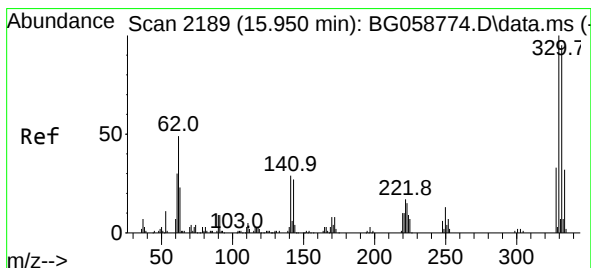
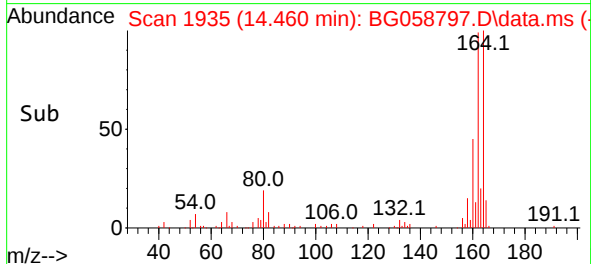
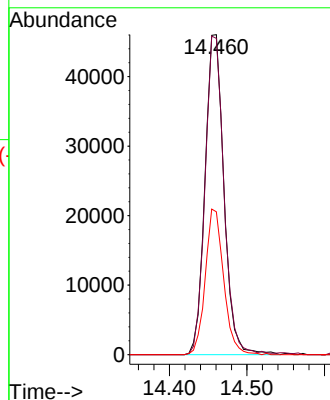
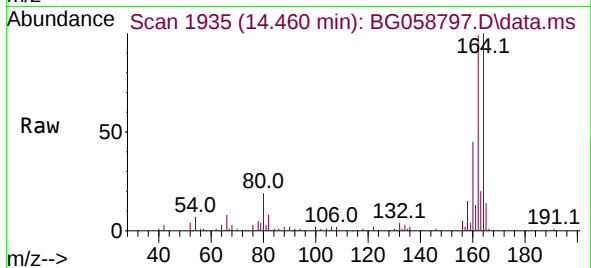
Tgt Ion:164 Resp: 78011

Ion Ratio Lower Upper

164 100

162 98.8 79.6 119.4

160 44.6 34.0 51.0



#42

2,4,6-Tribromophenol

Concen: 127.889 ng

RT: 15.947 min Scan# 2188

Delta R.T. -0.003 min

Lab File: BG058797.D

Acq: 21 Aug 2023 17:14

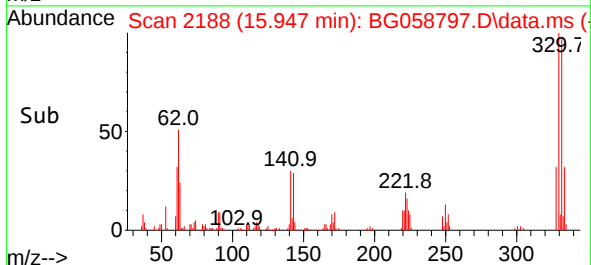
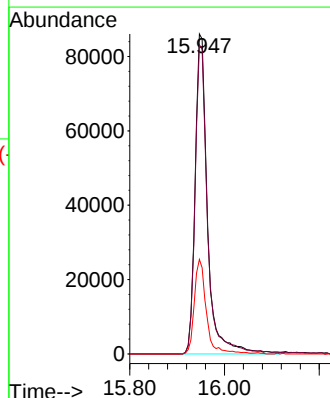
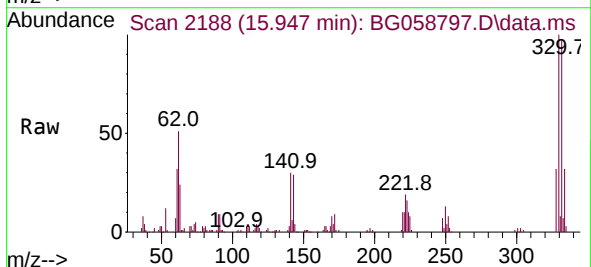
Tgt Ion:330 Resp: 156433

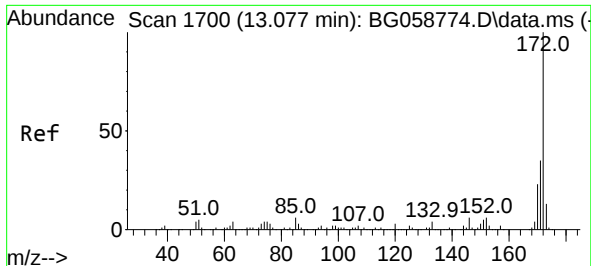
Ion Ratio Lower Upper

330 100

332 96.7 78.5 117.7

141 28.6 23.0 34.6

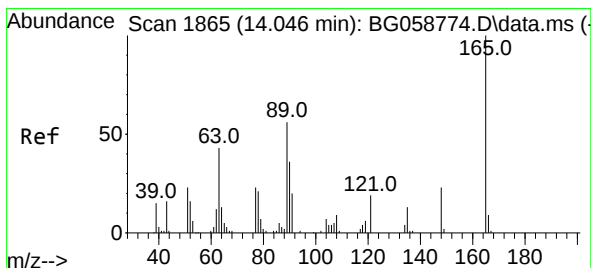
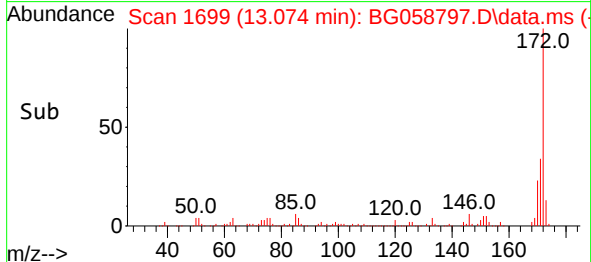
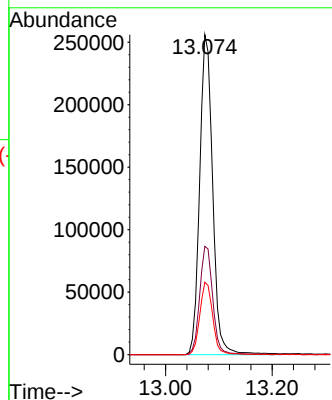
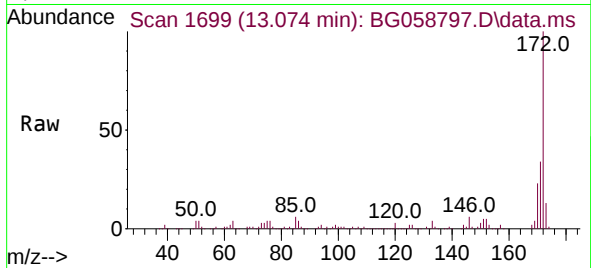




#45
2-Fluorobiphenyl
Concen: 80.694 ng
RT: 13.074 min Scan# 1699
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

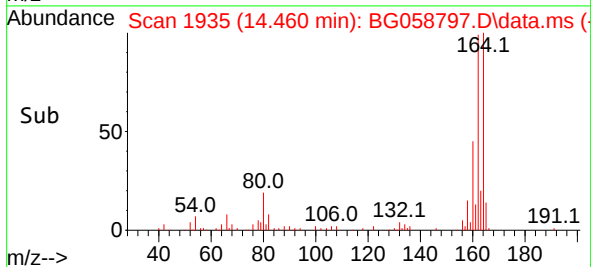
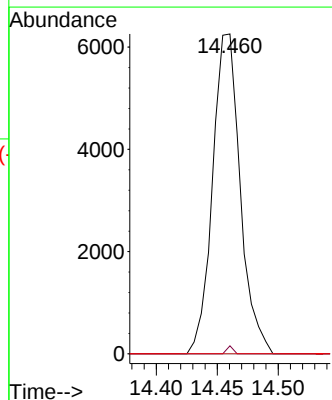
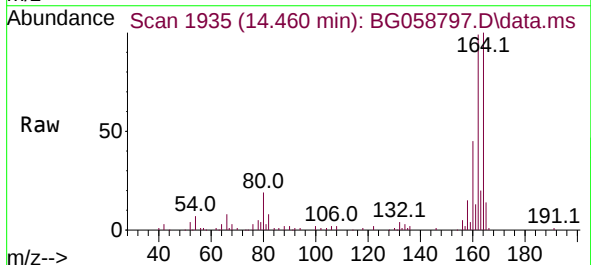
Instrument :
BNA_G
ClientSampleId :
B-PP14B

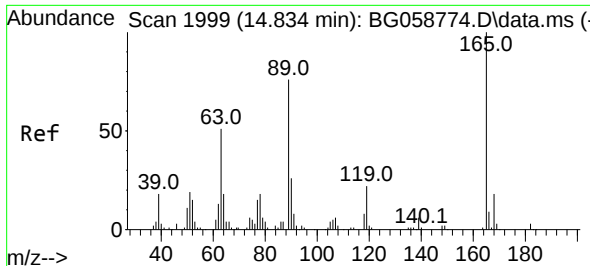
Tgt Ion:172 Resp: 432810
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 14.460 min Scan# 1935
Delta R.T. 0.414 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion:165 Resp: 9886
Ion Ratio Lower Upper
165 100
63 2.5 47.2 70.8#
89 0.0 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.586 ng

RT: 14.460 min Scan# 1999

Delta R.T. -0.373 min

Lab File: BG058797.D

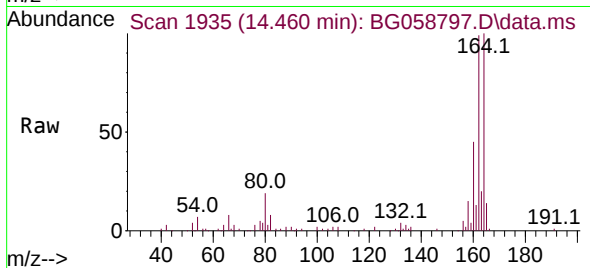
Acq: 21 Aug 2023 17:14

Instrument :

BNA_G

ClientSampleId :

B-PP14B



Tgt Ion:165 Resp: 9886

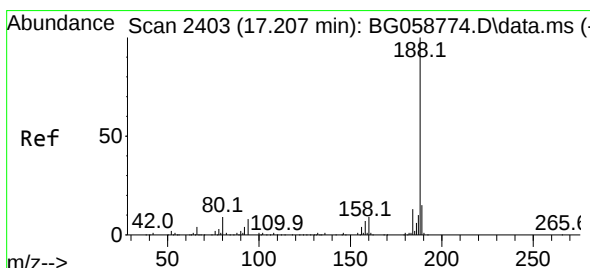
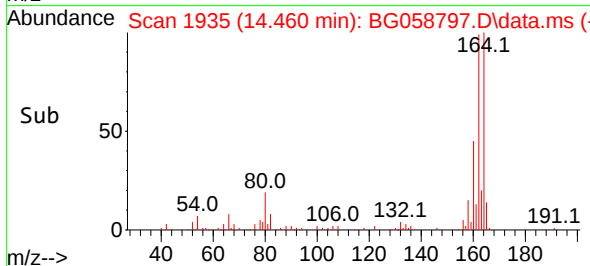
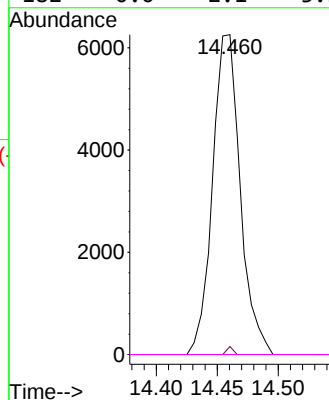
Ion Ratio Lower Upper

165 100

63 2.5 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: 17.204 min Scan# 2402

Delta R.T. -0.003 min

Lab File: BG058797.D

Acq: 21 Aug 2023 17:14

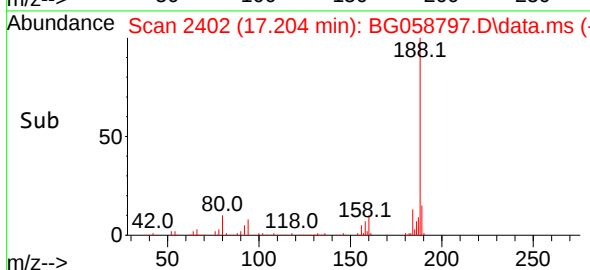
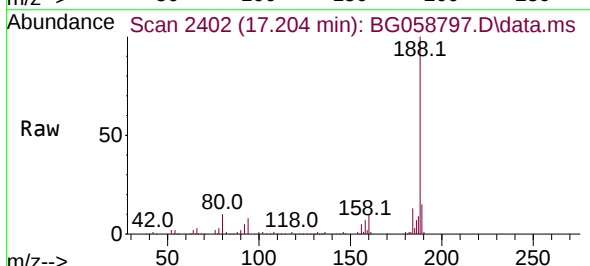
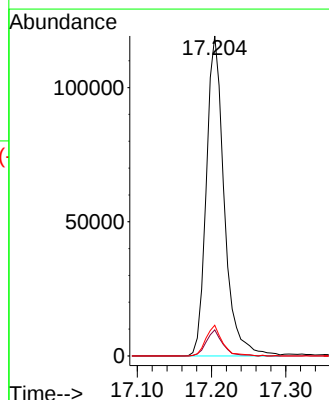
Tgt Ion:188 Resp: 199642

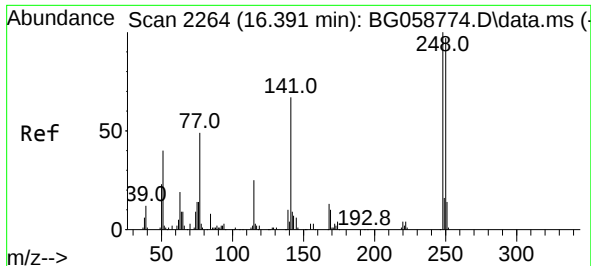
Ion Ratio Lower Upper

188 100

94 8.1 6.1 9.1

80 9.6 6.9 10.3

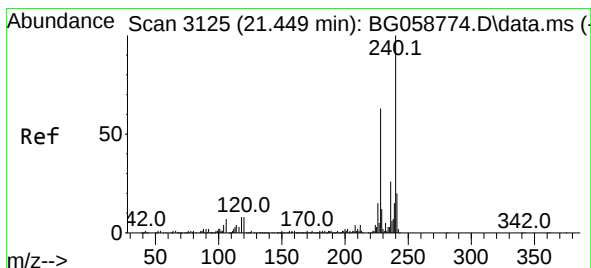
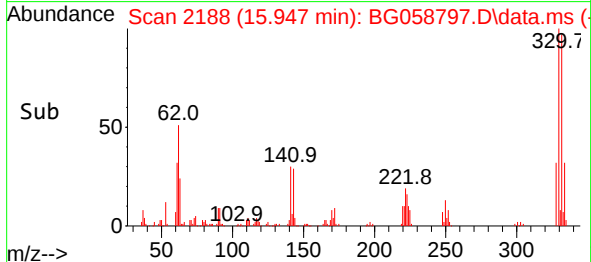
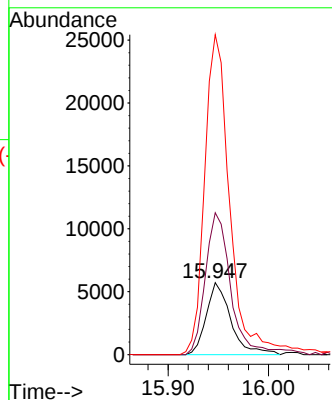
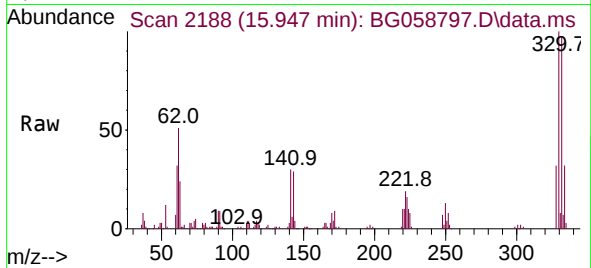




#67
4-Bromophenyl-phenylether
Concen: 4.438 ng
RT: 15.947 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

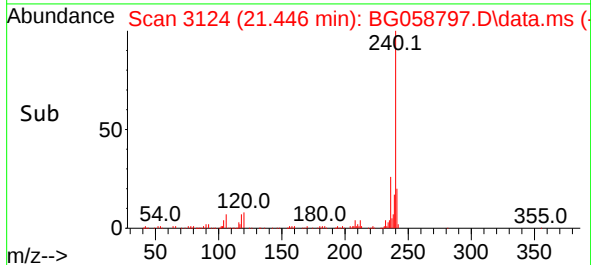
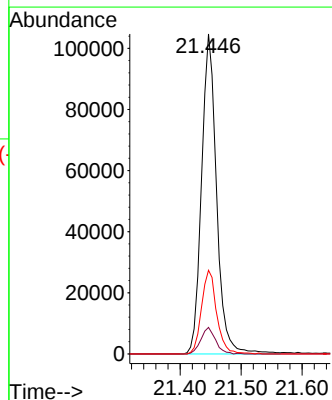
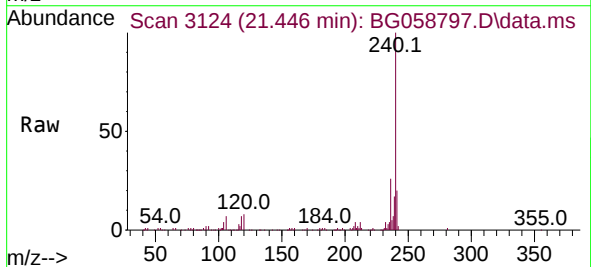
Instrument :
BNA_G
ClientSampleId :
B-PP14B

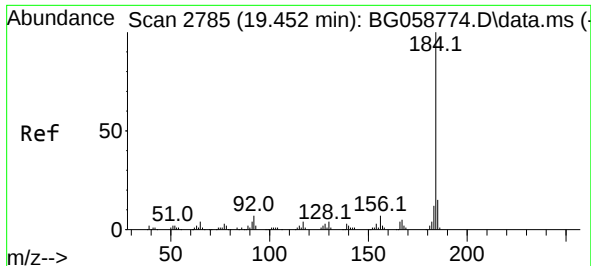
Tgt Ion:248 Resp: 9723
Ion Ratio Lower Upper
248 100
250 197.3 77.7 116.5#
141 445.3 53.6 80.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.446 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion:240 Resp: 178839
Ion Ratio Lower Upper
240 100
120 8.3 6.2 9.2
236 26.1 20.5 30.7

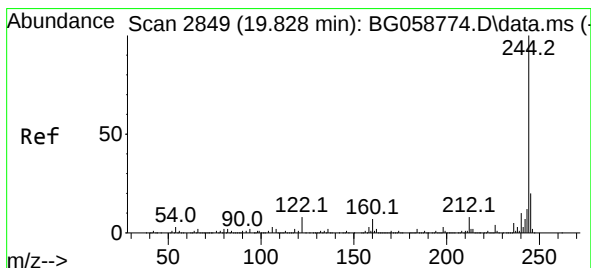
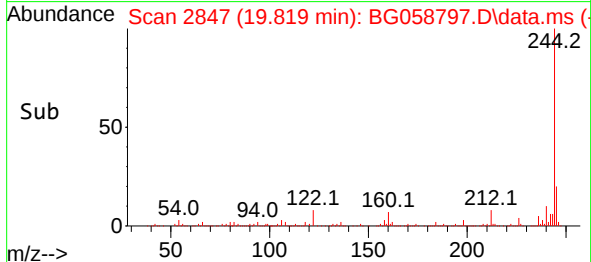
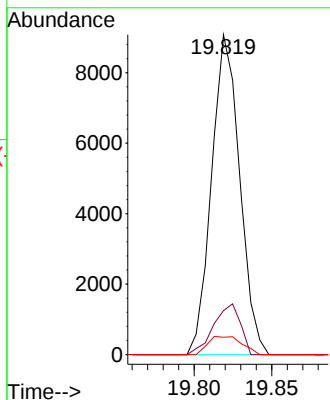
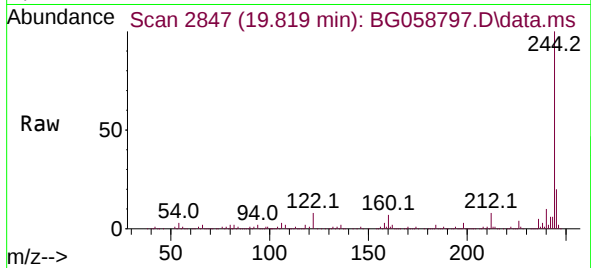




#77
Benzidine
Concen: 3.572 ng
RT: 19.819 min Scan# 2847
Delta R.T. 0.367 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

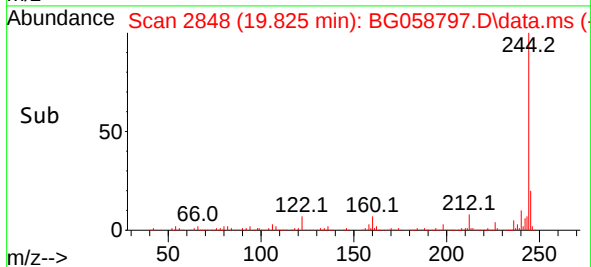
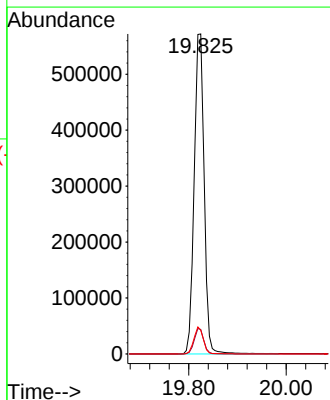
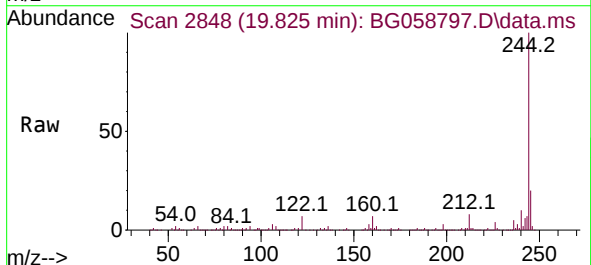
Instrument :
BNA_G
ClientSampleId :
B-PP14B

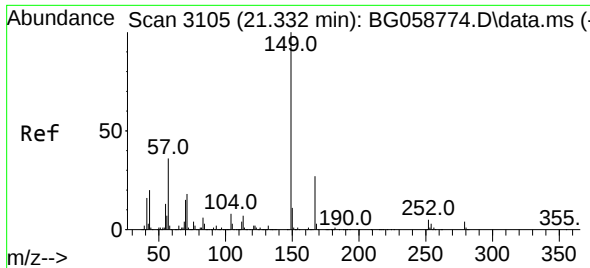
Tgt Ion:184 Resp: 11449
Ion Ratio Lower Upper
184 100
185 13.7 11.9 17.9
183 5.4 10.0 15.0#



#79
Terphenyl-d14
Concen: 81.195 ng
RT: 19.825 min Scan# 2848
Delta R.T. -0.003 min
Lab File: BG058797.D
Acq: 21 Aug 2023 17:14

Tgt Ion:244 Resp: 808691
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.2
122 7.4 6.3 9.5

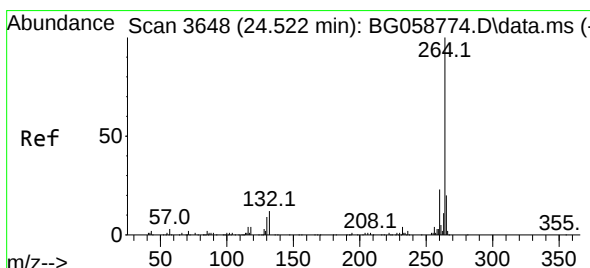
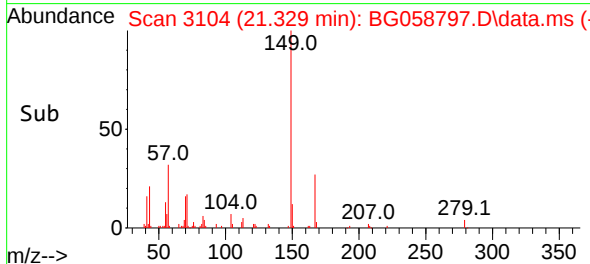
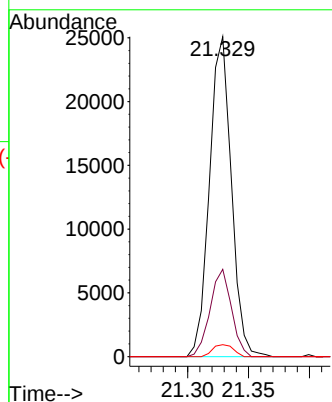
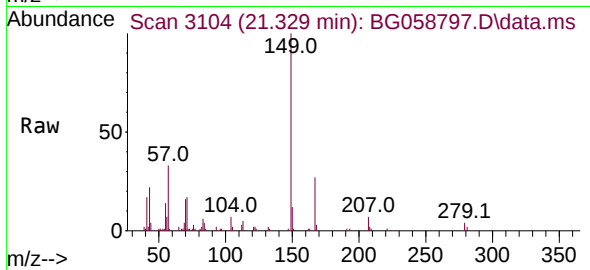




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.219 ng
 RT: 21.329 min Scan# 3105
 Delta R.T. -0.003 min
 Lab File: BG058797.D
 Acq: 21 Aug 2023 17:14

Instrument :
 BNA_G
 ClientSampleId :
 B-PP14B

Tgt Ion:149 Resp: 31274
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.7 32.5
 279 3.7 3.2 4.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.513 min Scan# 3646
 Delta R.T. -0.009 min
 Lab File: BG058797.D
 Acq: 21 Aug 2023 17:14

Tgt Ion:264 Resp: 216264
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.1 16.4 24.6

