

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080223\
 Data File : BG058580.D
 Acq On : 2 Aug 2023 16:06
 Operator : MA/JU
 Sample : 03686-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-2-3-20230721

Quant Time: Aug 03 02:43:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 28 22:29:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

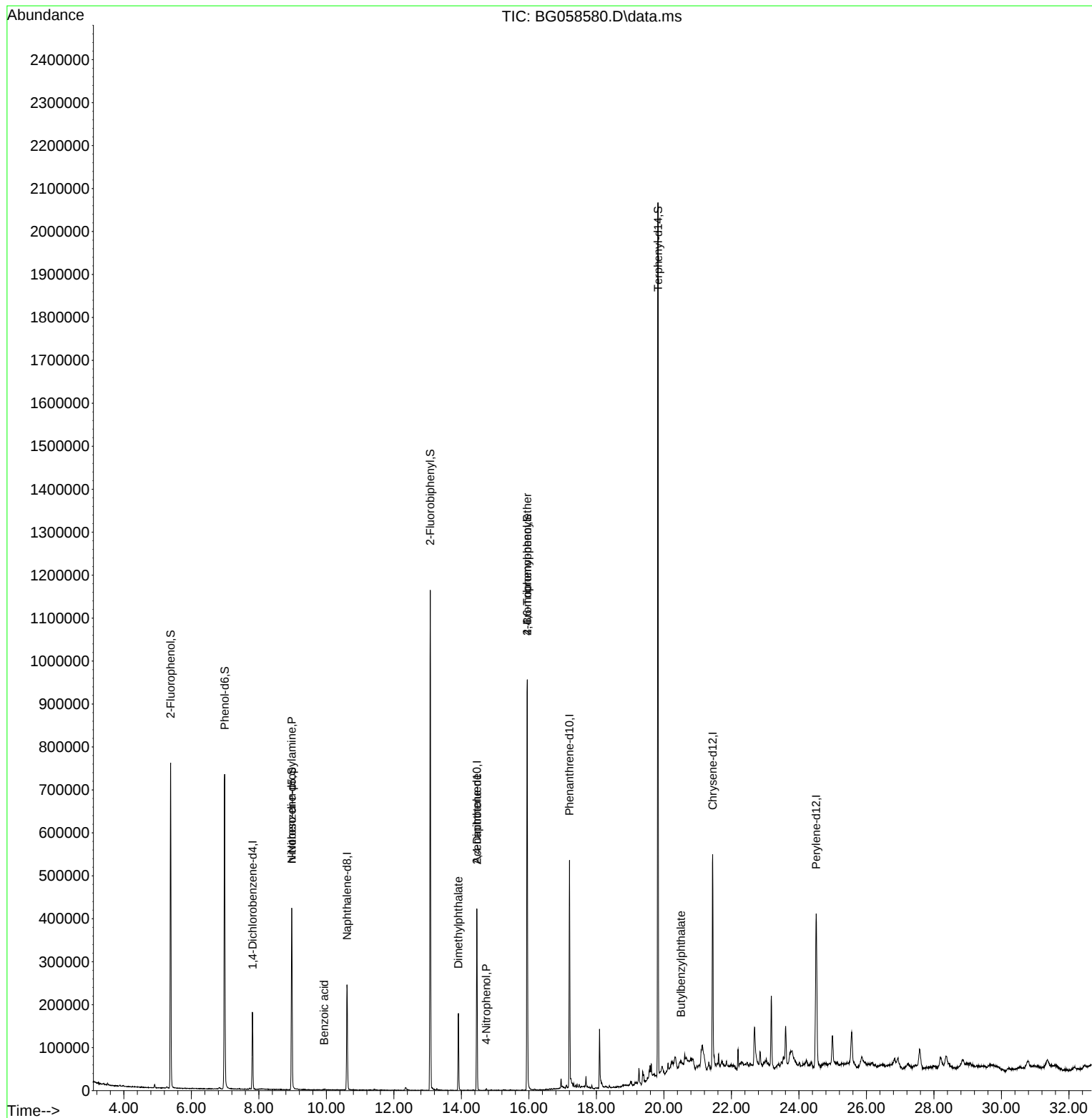
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.814	152	51024	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	217132	20.000	ng	0.00
39) Acenaphthene-d10	14.460	164	151087	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	342616	20.000	ng	0.00
76) Chrysene-d12	21.445	240	296629	20.000	ng	0.00
86) Perylene-d12	24.512	264	373452	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.388	112	332555	99.619	ng	0.00
7) Phenol-d6	6.986	99	456670	98.311	ng	0.00
23) Nitrobenzene-d5	8.972	82	275375	62.303	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	219924	88.807	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	641410	63.620	ng	0.00
79) Terphenyl-d14	19.824	244	1059577	67.174	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.972	70	34033	11.343	ng	# 74
32) Benzoic acid	9.935	122	156	4.619	ng	# 67
50) Dimethylphthalate	13.913	163	126684	11.165	ng	100
56) 4-Nitrophenol	14.736	139	70	3.361	ng	# 3
57) 2,4-Dinitrotoluene	14.460	165	19359	5.609	ng	# 24
67) 4-Bromophenyl-phenylether	15.952	248	13567	3.491	ng	# 1
80) Butylbenzylphthalate	20.505	149	19624	2.367	ng	# 28

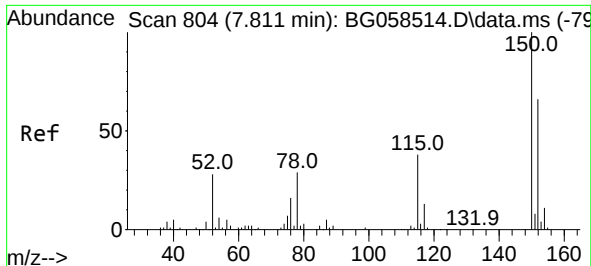
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-29-2-3-20230721

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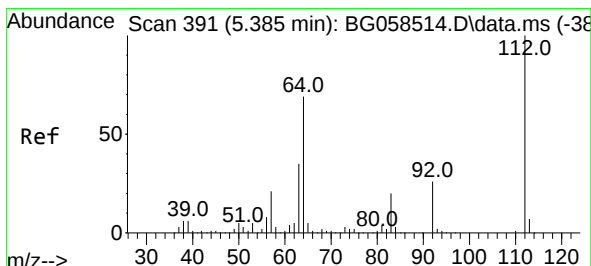
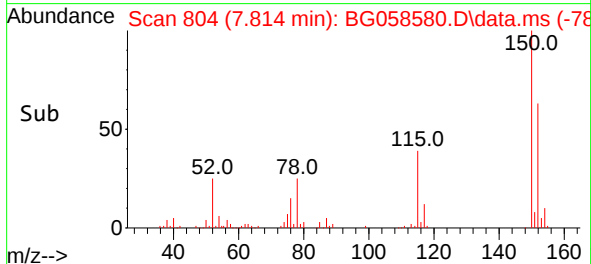
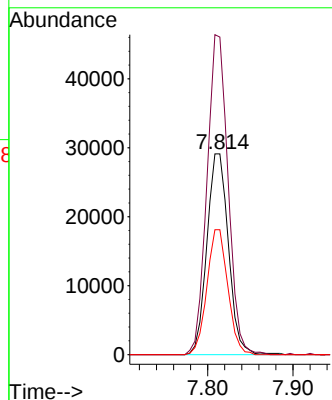
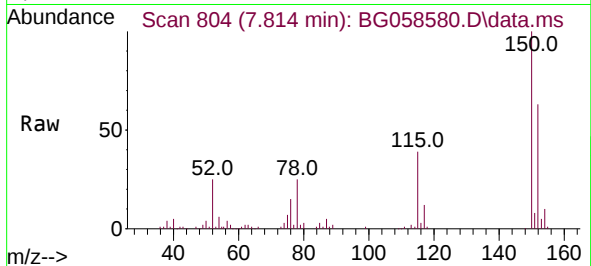




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.814 min Scan# 804
Delta R.T. 0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

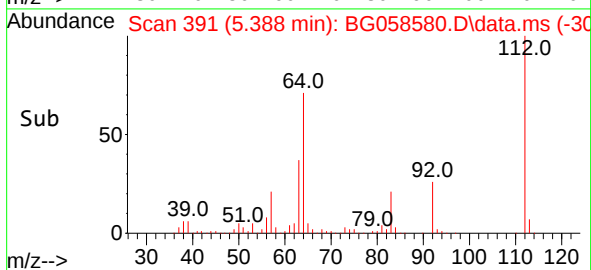
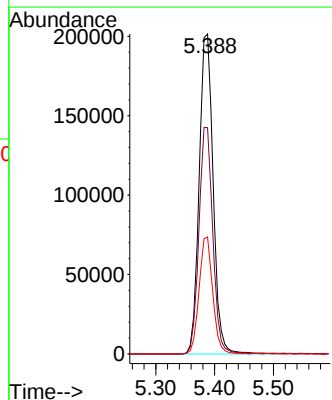
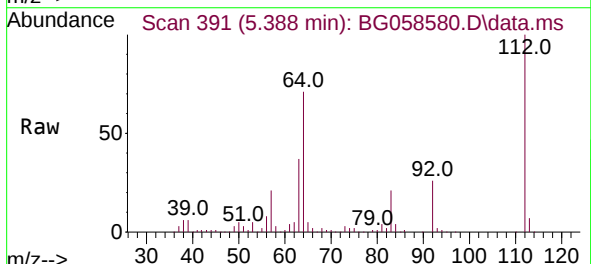
Instrument :
BNA_G
ClientSampleId :
SB-29-2-3-20230721

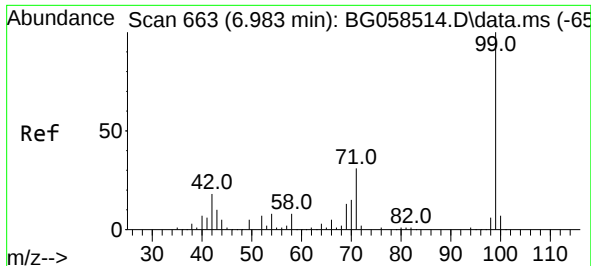
Tgt Ion:152 Resp: 51024
Ion Ratio Lower Upper
152 100
150 158.2 120.5 180.7
115 62.2 45.9 68.9



#5
2-Fluorophenol
Concen: 99.619 ng
RT: 5.388 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion:112 Resp: 332555
Ion Ratio Lower Upper
112 100
64 70.7 55.3 82.9
63 36.5 28.3 42.5

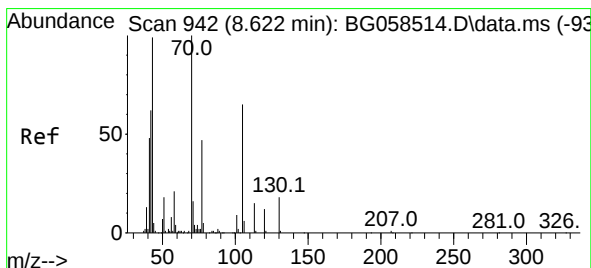
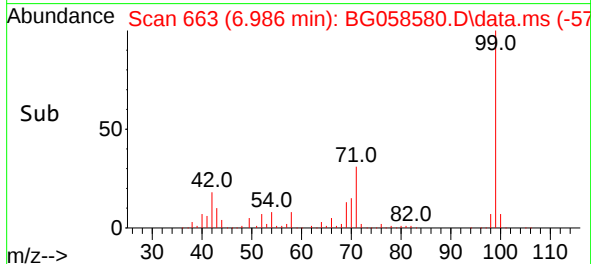
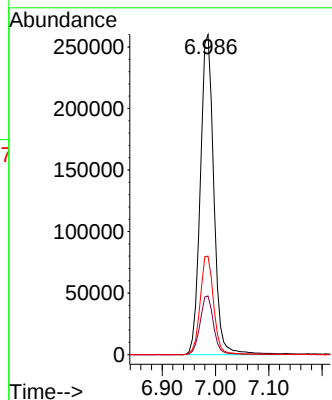
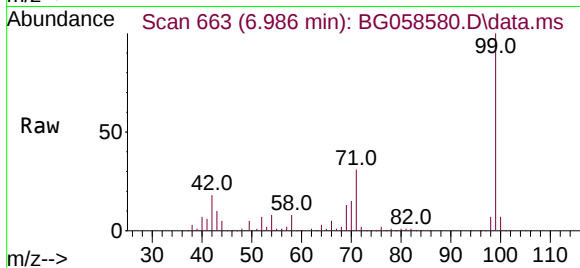




#7
Phenol-d6
Concen: 98.311 ng
RT: 6.986 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

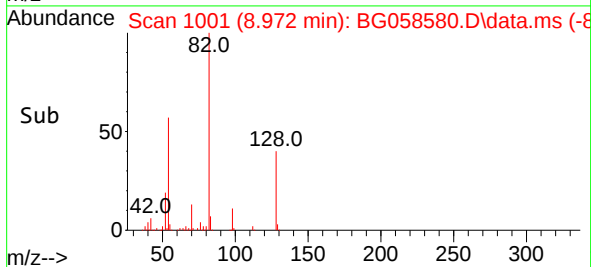
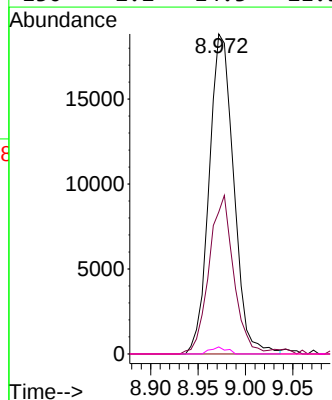
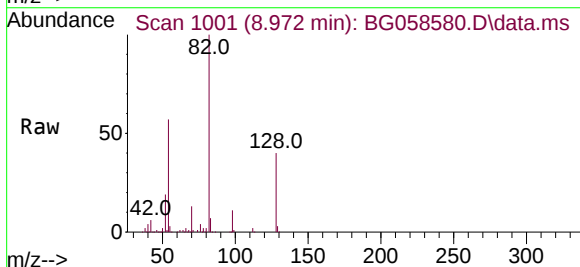
Instrument :
BNA_G
ClientSampleId :
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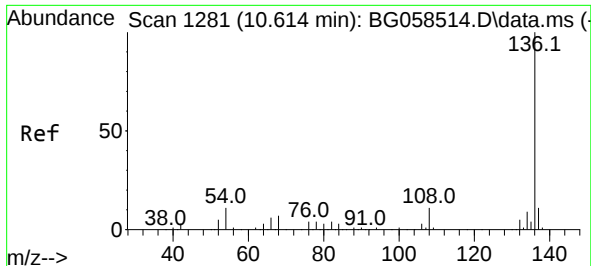
Tgt Ion: 99 Resp: 456670
Ion Ratio Lower Upper
99 100
42 18.3 14.6 21.8
71 30.8 25.0 37.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.343 ng
RT: 8.972 min Scan# 1001
Delta R.T. 0.350 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion: 70 Resp: 34033
Ion Ratio Lower Upper
70 100
42 44.3 49.7 74.5#
101 0.0 7.0 10.4#
130 2.2 14.3 21.5#

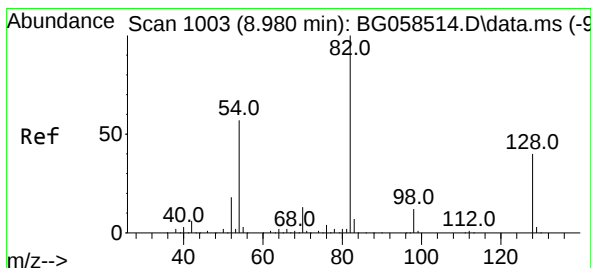
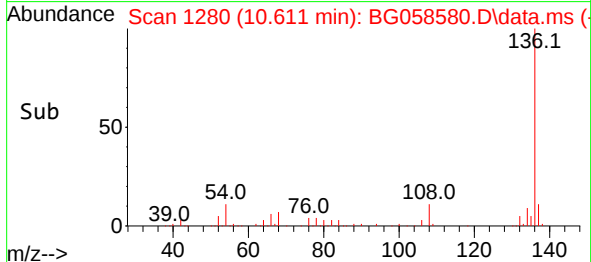
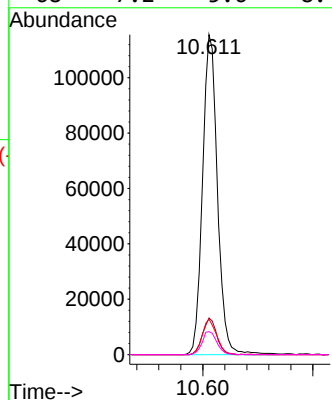
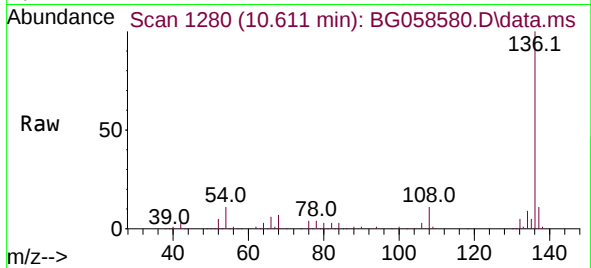




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

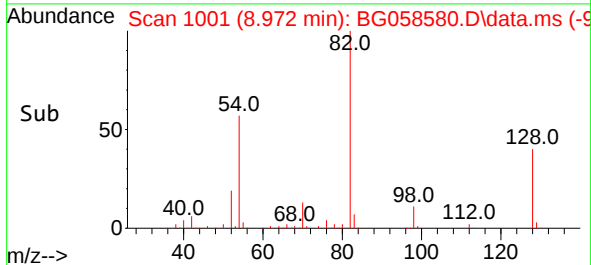
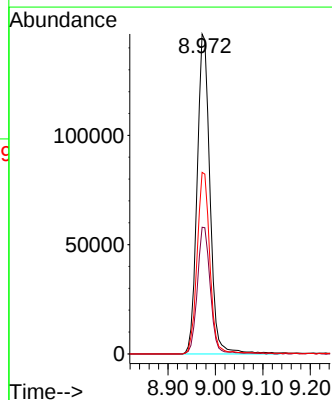
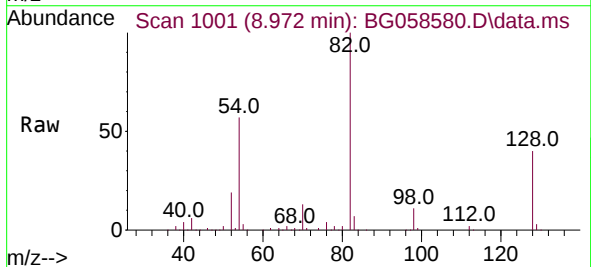
Instrument :
BNA_G
ClientSampleId :
SB-29-2-3-20230721

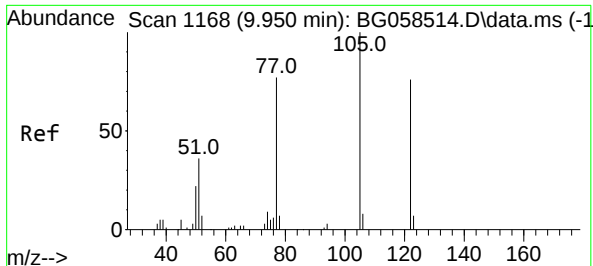
Tgt Ion:136	Resp: 217132
Ion Ratio	Lower Upper
136	100
137	11.4 8.6 13.0
54	11.1 8.9 13.3
68	7.2 5.6 8.4



#23
Nitrobenzene-d5
Concen: 62.303 ng
RT: 8.972 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion: 82	Resp: 275375
Ion Ratio	Lower Upper
82	100
128	39.6 32.2 48.2
54	56.7 46.0 69.0

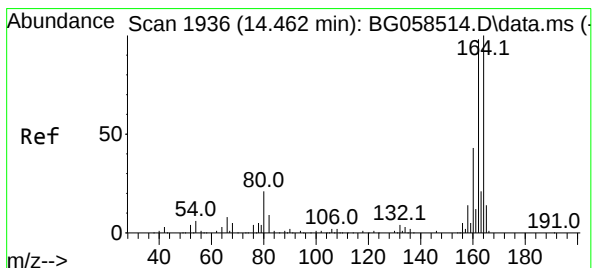
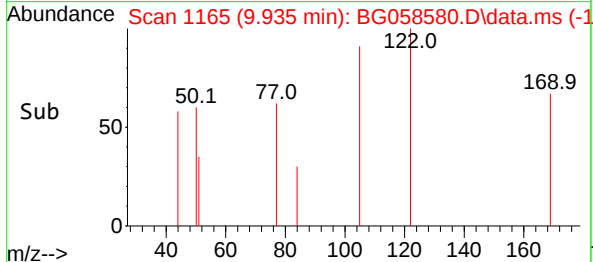
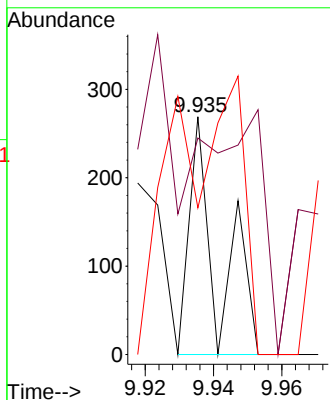
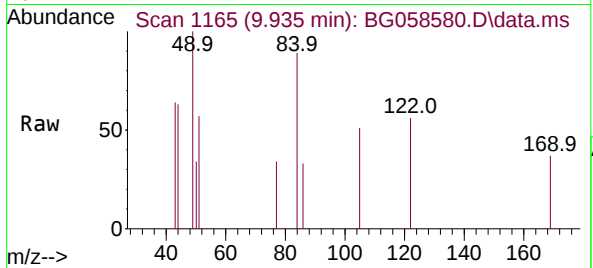




#32
Benzoic acid
Concen: 4.619 ng
RT: 9.935 min Scan# 1168
Delta R.T. -0.015 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

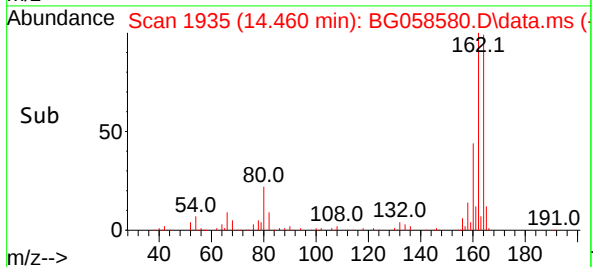
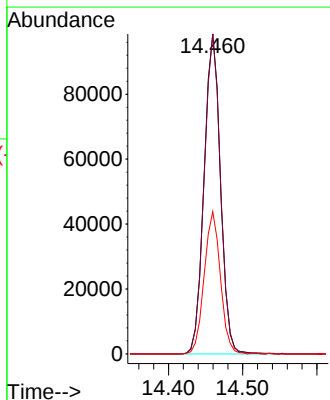
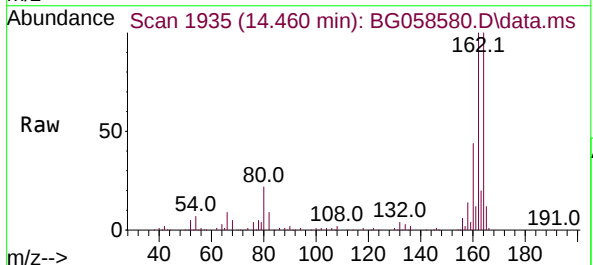
Instrument :
BNA_G
ClientSampleId :
SB-29-2-3-20230721

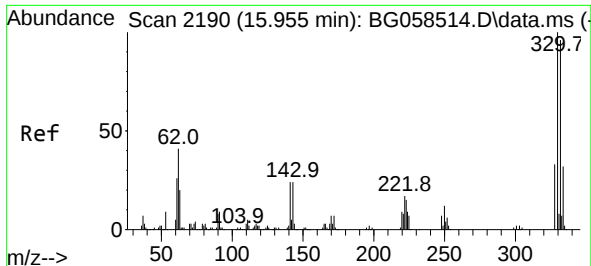
Tgt Ion:122 Resp: 156
Ion Ratio Lower Upper
122 100
105 91.1 106.5 146.5#
77 61.7 78.1 118.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion:164 Resp: 151087
Ion Ratio Lower Upper
164 100
162 100.0 78.3 117.5
160 44.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 88.807 ng

RT: 15.952 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG058580.D

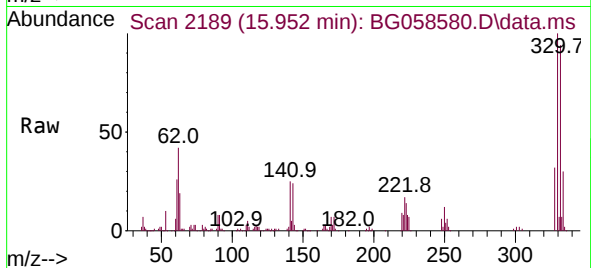
Acq: 2 Aug 2023 16:06

Instrument :

BNA_G

ClientSampleId :

SB-29-2-3-20230721



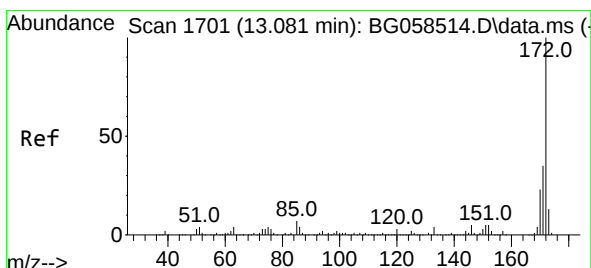
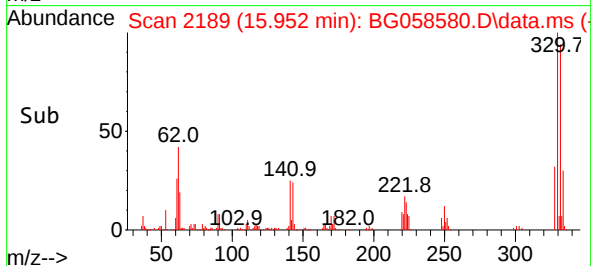
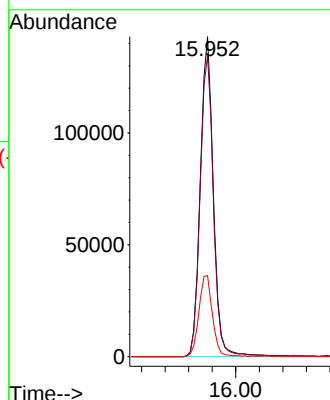
Tgt Ion:330 Resp: 219924

Ion Ratio Lower Upper

330 100

332 96.1 77.5 116.3

141 26.4 20.7 31.1



#45

2-Fluorobiphenyl

Concen: 63.620 ng

RT: 13.079 min Scan# 1700

Delta R.T. -0.003 min

Lab File: BG058580.D

Acq: 2 Aug 2023 16:06

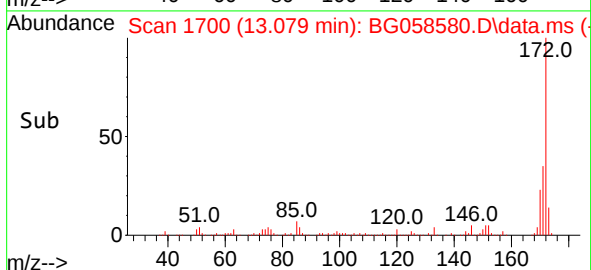
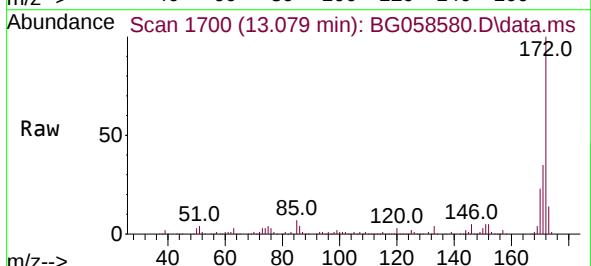
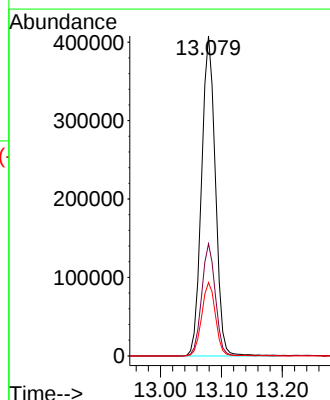
Tgt Ion:172 Resp: 641410

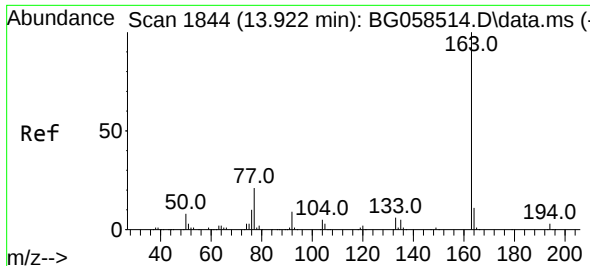
Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 22.9 18.4 27.6

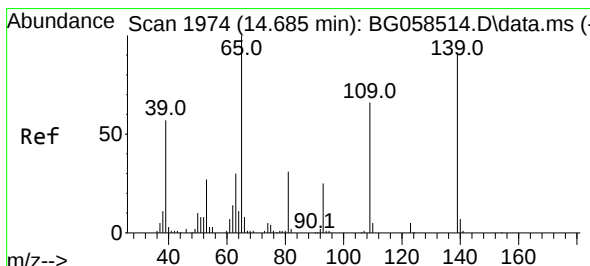
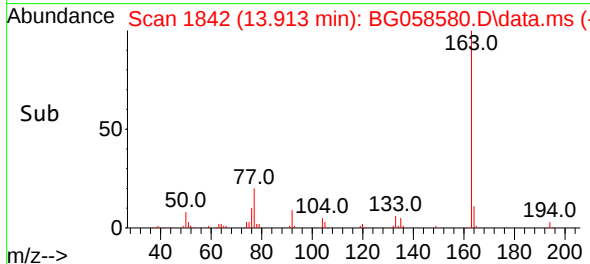
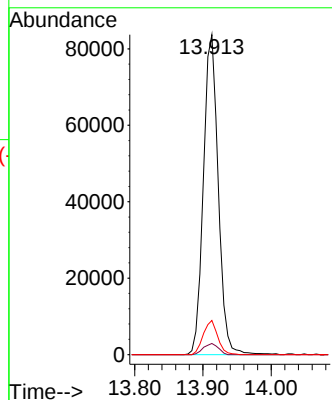
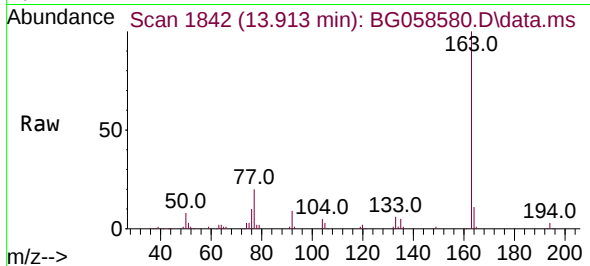




#50
Dimethylphthalate
Concen: 11.165 ng
RT: 13.913 min Scan# 1842
Delta R.T. -0.009 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

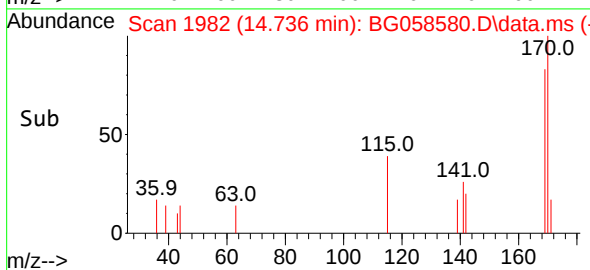
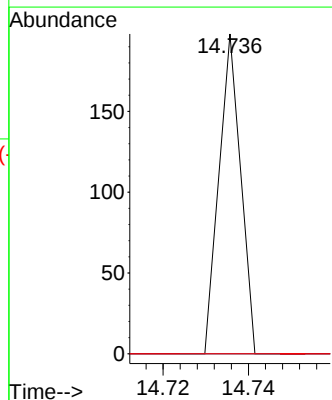
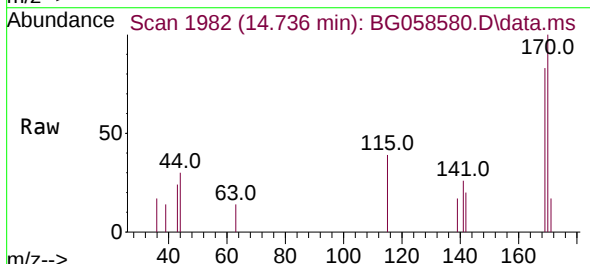
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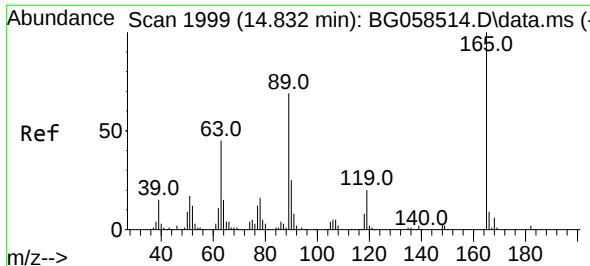
Tgt Ion:163 Resp: 126684
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.7 8.6 12.8



#56
4-Nitrophenol
Concen: 3.361 ng
RT: 14.736 min Scan# 1982
Delta R.T. 0.051 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

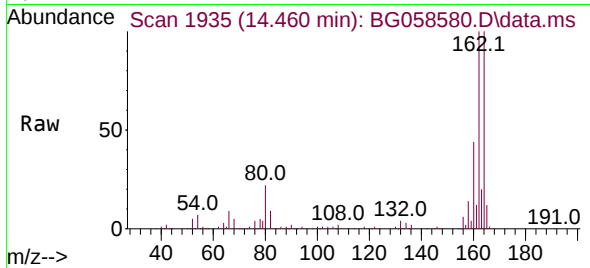
Tgt Ion:139 Resp: 70
Ion Ratio Lower Upper
139 100
109 0.0 52.5 92.5#
65 0.0 90.5 130.5#



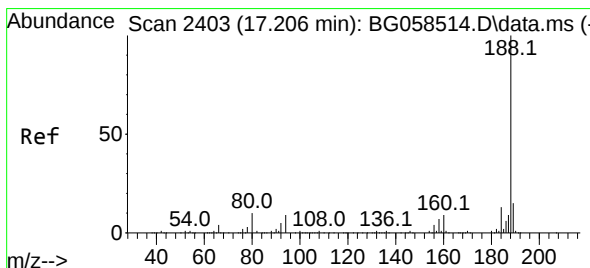
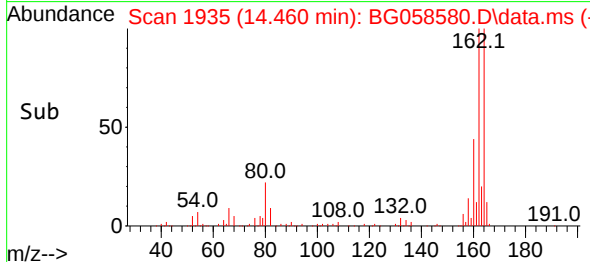
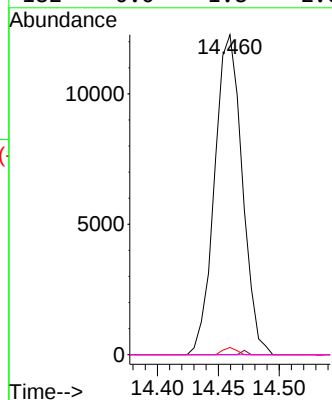


#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.460 min Scan# 1999
Delta R.T. -0.372 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Instrument :
BNA_G
ClientSampleId :
SB-29-2-3-20230721

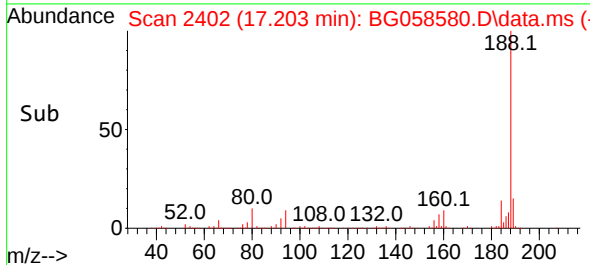
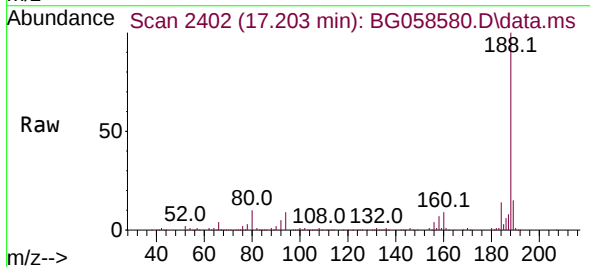
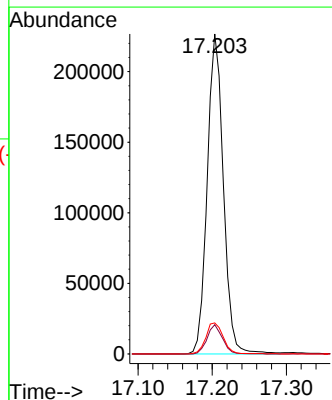


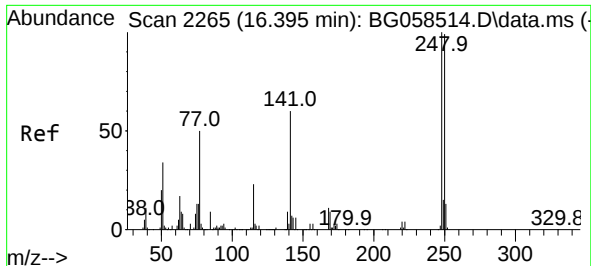
Tgt Ion:165 Resp: 19359
Ion Ratio Lower Upper
165 100
63 0.0 36.6 54.8#
89 2.2 55.4 83.0#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion:188 Resp: 342616
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.6
80 9.7 8.1 12.1

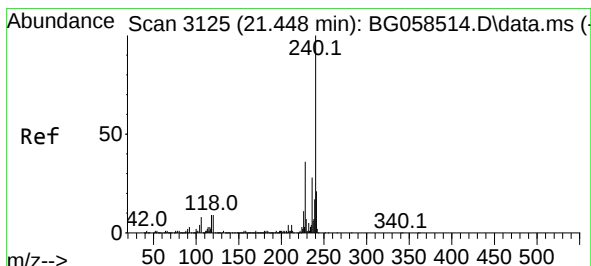
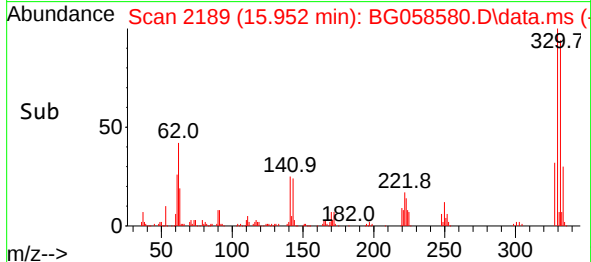
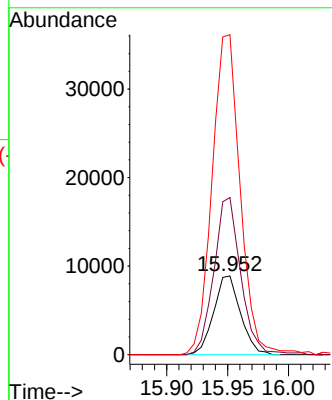
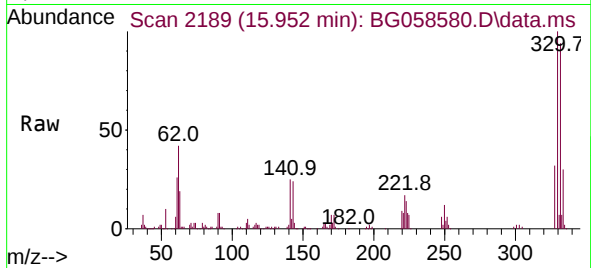




#67
4-Bromophenyl-phenylether
Concen: 3.491 ng
RT: 15.952 min Scan# 2119
Delta R.T. -0.443 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

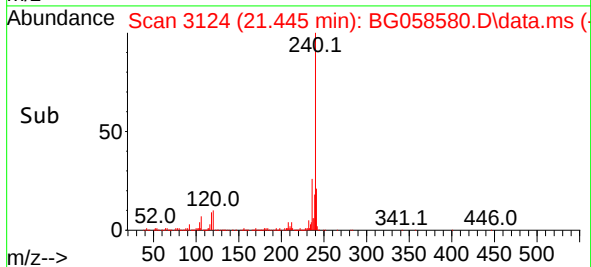
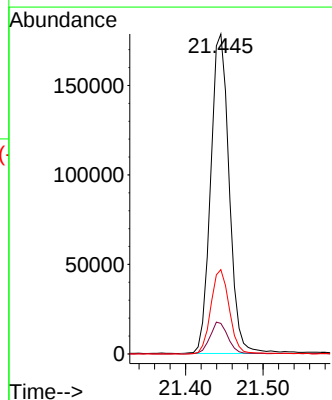
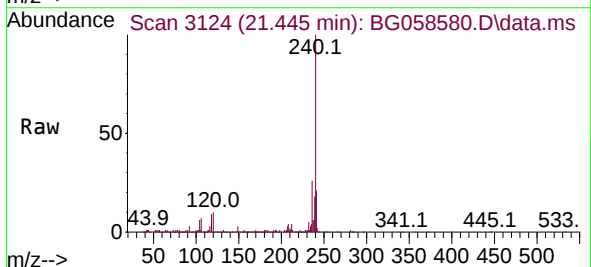
Instrument :
BNA_G
ClientSampleId :
SB-29-2-3-20230721

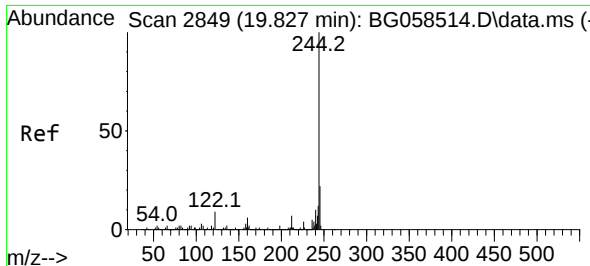
Tgt Ion:248 Resp: 13567
Ion Ratio Lower Upper
248 100
250 199.6 79.5 119.3#
141 406.9 48.2 72.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.003 min
Lab File: BG058580.D
Acq: 2 Aug 2023 16:06

Tgt Ion:240 Resp: 296629
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.0
236 26.3 22.2 33.4

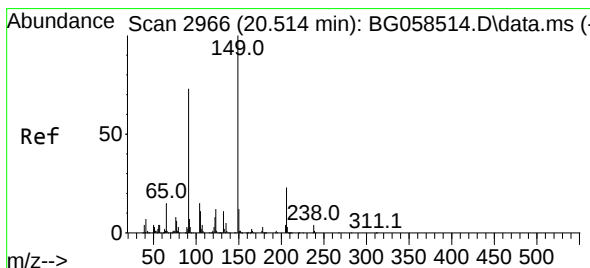
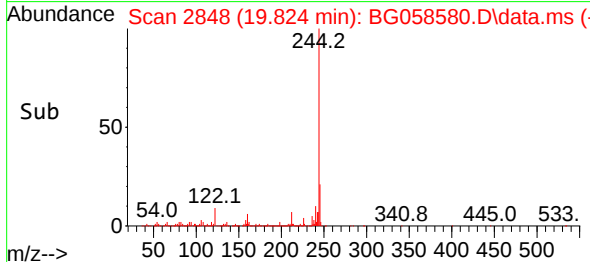
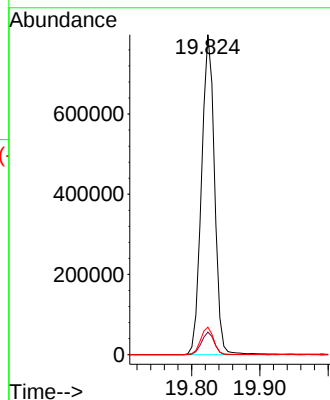
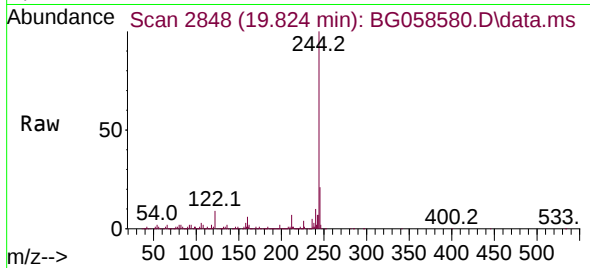




#79
 Terphenyl-d14
 Concen: 67.174 ng
 RT: 19.824 min Scan# 2848
 Delta R.T. -0.003 min
 Lab File: BG058580.D
 Acq: 2 Aug 2023 16:06

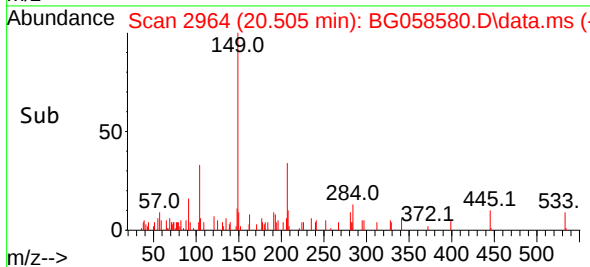
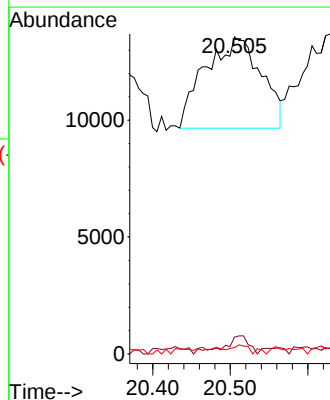
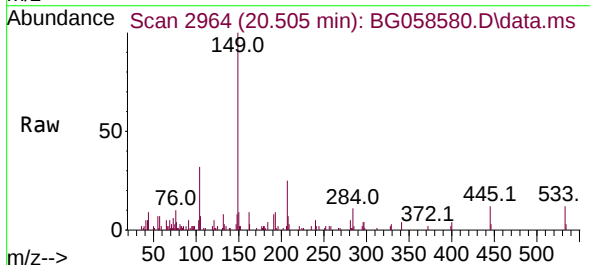
Instrument :
 BNA_G
 ClientSampleId :
 SB-29-2-3-20230721

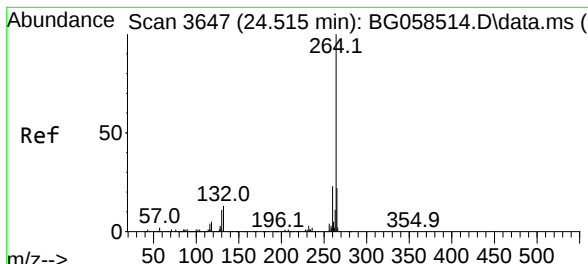
Tgt Ion:244 Resp: 1059577
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 8.6 6.8 10.2



#80
 Butylbenzylphthalate
 Concen: 2.367 ng
 RT: 20.505 min Scan# 2964
 Delta R.T. -0.009 min
 Lab File: BG058580.D
 Acq: 2 Aug 2023 16:06

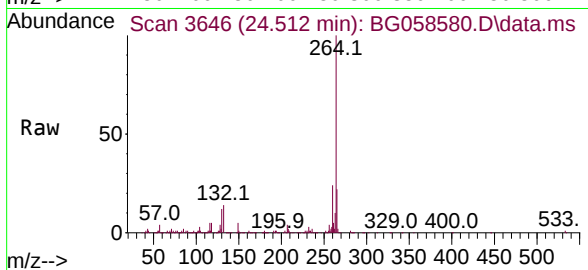
Tgt Ion:149 Resp: 19624
 Ion Ratio Lower Upper
 149 100
 91 5.3 58.4 87.6#
 206 2.0 18.3 27.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.512 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG058580.D
 Acq: 2 Aug 2023 16:06

Instrument :
 BNA_G
 ClientSampleId :
 SB-29-2-3-20230721



Tgt Ion:264 Resp: 373452
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.8 17.9 26.9

