

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
 Data File : BG059947.D
 Acq On : 5 Dec 2023 13:18
 Operator : MA/JU
 Sample : PB157473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157473BL

Quant Time: Dec 05 13:58:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

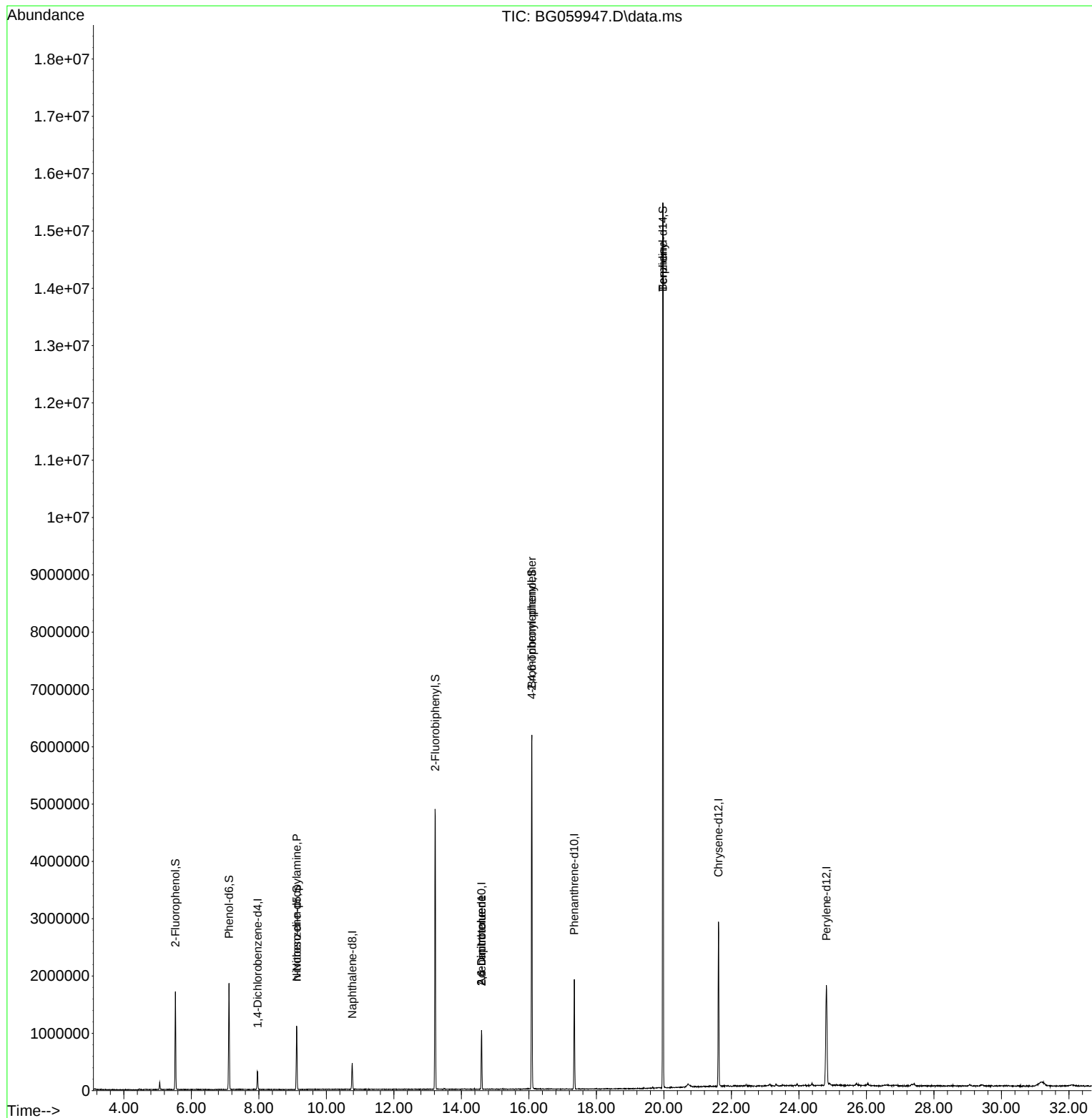
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.962	152	77215	20.000	ng	0.00
21) Naphthalene-d8	10.764	136	325112	20.000	ng	0.00
39) Acenaphthene-d10	14.595	164	352619	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1305046	20.000	ng	0.00
76) Chrysene-d12	21.616	240	1920104	20.000	ng	0.00
86) Perylene-d12	24.813	264	2303457	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	594355	154.659	ng	0.00
7) Phenol-d6	7.116	99	857471	141.565	ng	0.00
23) Nitrobenzene-d5	9.119	82	669254	73.586	ng	0.00
42) 2,4,6-Tribromophenol	16.087	330	1522188	134.170	ng	0.00
45) 2-Fluorobiphenyl	13.226	172	2592980	80.203	ng	0.00
79) Terphenyl-d14	19.971	244	6733209	60.452	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.119	70	102753	22.636	ng	# 74
51) 2,6-Dinitrotoluene	14.595	165	49272	7.492	ng	# 19
57) 2,4-Dinitrotoluene	14.595	165	49272	5.387	ng	# 23
67) 4-Bromophenyl-phenylether	16.082	248	87658	3.920	ng	# 1
77) Benzdine	19.971	184	173321	10.710	ng	# 93

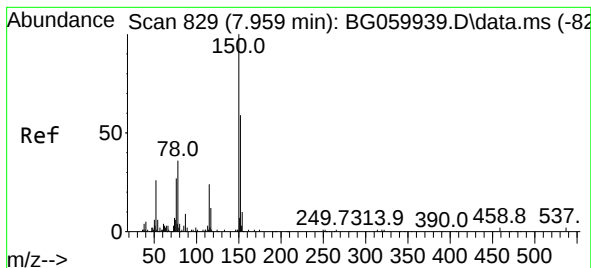
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120523\
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QLast Update : Tue Dec 05 02:26:15 2023
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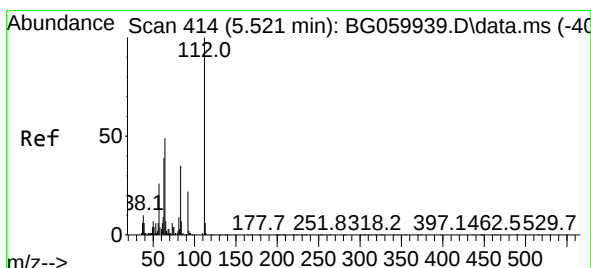
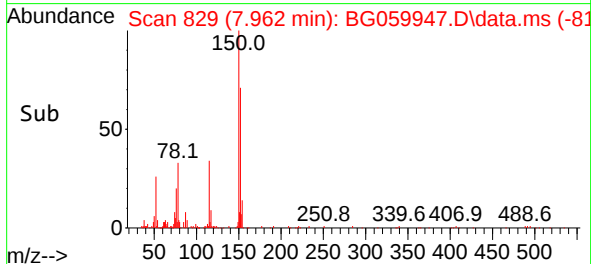
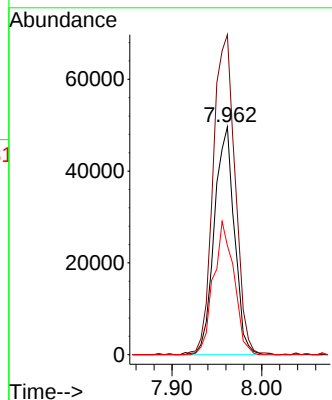
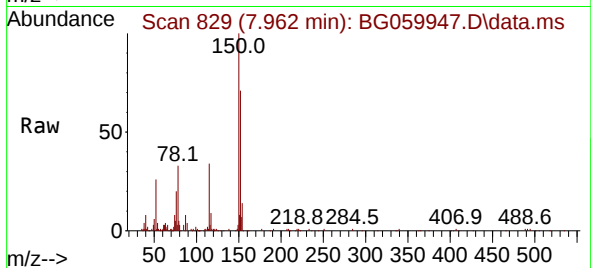




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.962 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

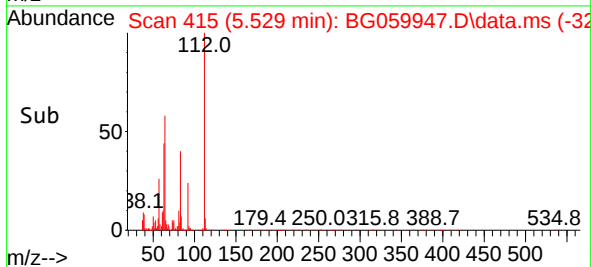
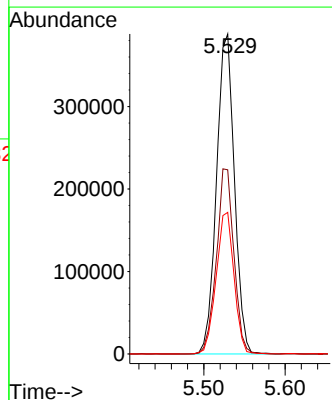
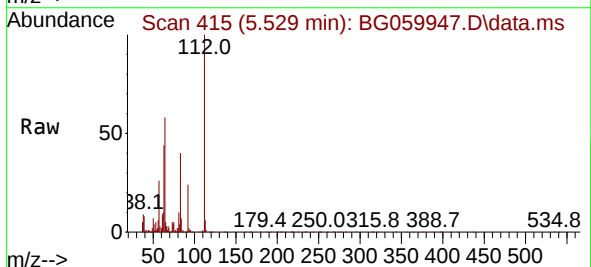
Instrument :
BNA_G
ClientSampleId :
PB157473BL

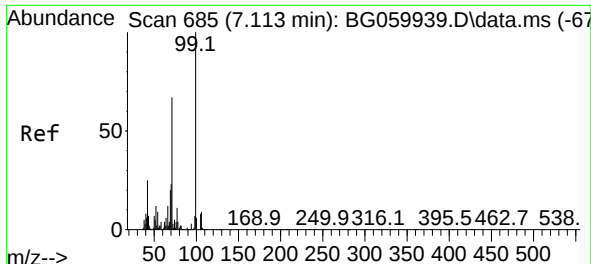
Tgt Ion:152 Resp: 77215
Ion Ratio Lower Upper
152 100
150 140.4 136.9 205.3
115 47.8 32.9 49.3



#5
2-Fluorophenol
Concen: 154.659 ng
RT: 5.529 min Scan# 415
Delta R.T. 0.008 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:112 Resp: 594355
Ion Ratio Lower Upper
112 100
64 57.6 39.4 59.0
63 44.3 31.2 46.8

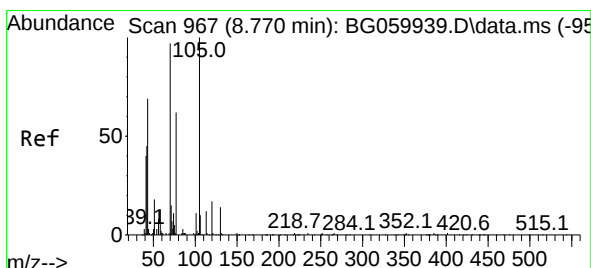
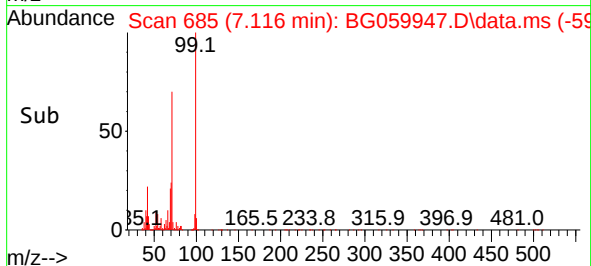
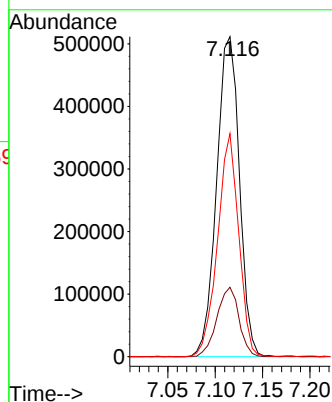
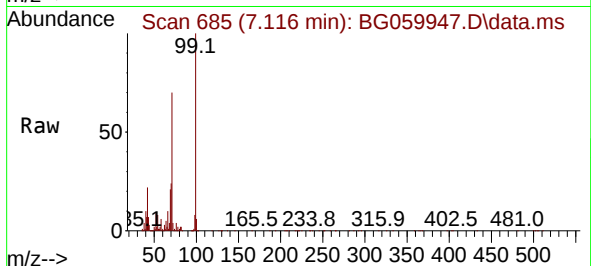




#7
Phenol-d6
Concen: 141.565 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

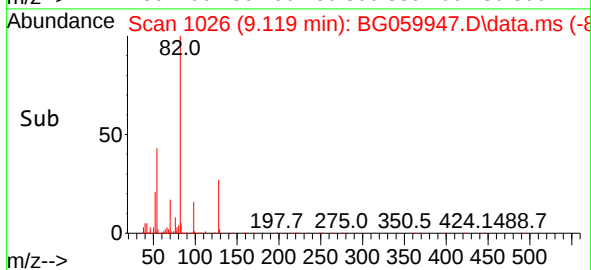
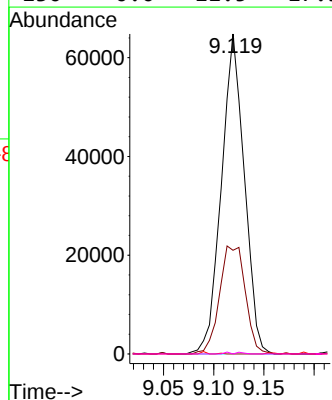
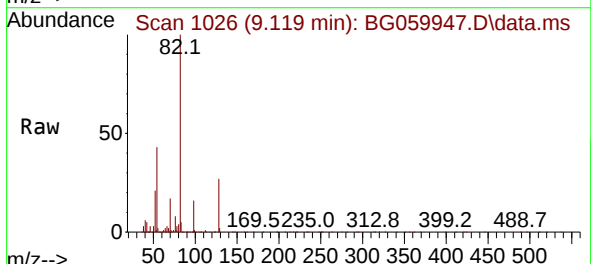
Instrument :
BNA_G
ClientSampleId :
PB157473BL

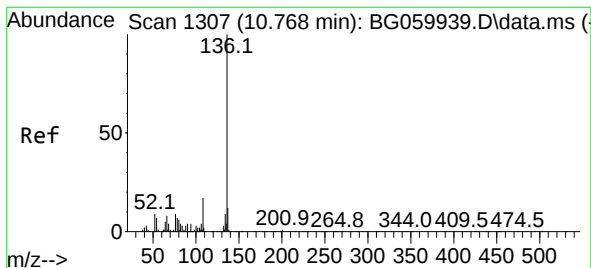
Tgt Ion: 99 Resp: 857471
Ion Ratio Lower Upper
99 100
42 21.7 20.1 30.1
71 69.7 53.8 80.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.636 ng
RT: 9.119 min Scan# 1026
Delta R.T. 0.349 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion: 70 Resp: 102753
Ion Ratio Lower Upper
70 100
42 32.4 38.1 57.1#
101 0.0 8.6 13.0#
130 0.0 11.5 17.3#

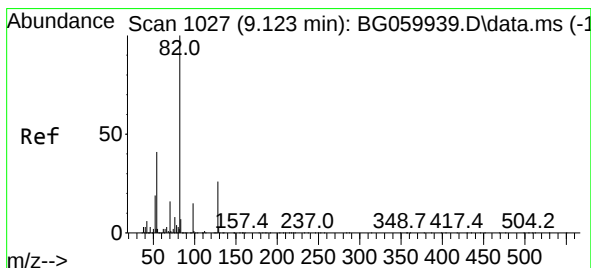
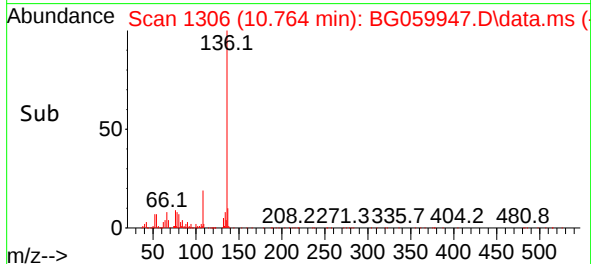
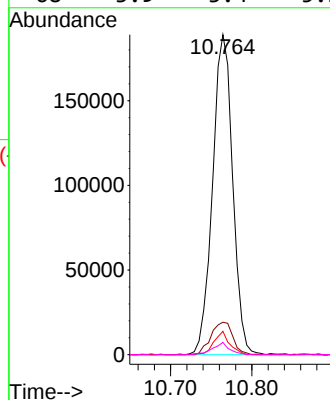
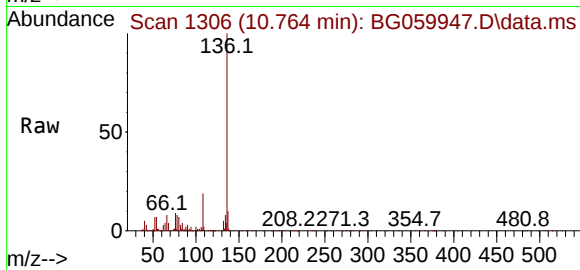




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.764 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

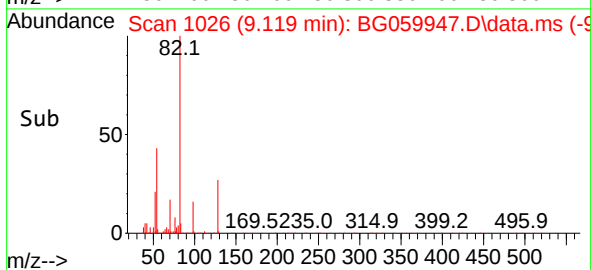
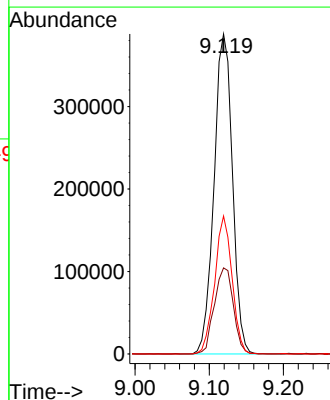
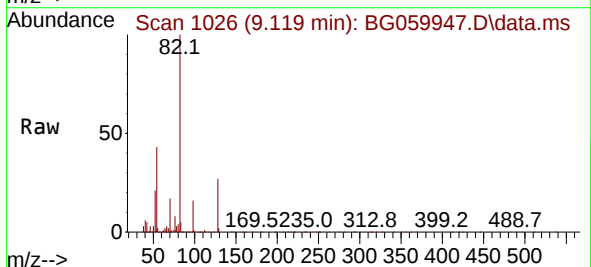
Instrument :
BNA_G
ClientSampleId :
PB157473BL

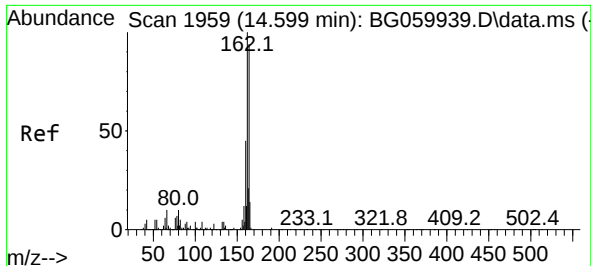
Tgt Ion:	136	Resp:	325112
Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.8	14.6
54	7.3	5.8	8.6
68	3.9	3.4	5.2



#23
Nitrobenzene-d5
Concen: 73.586 ng
RT: 9.119 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:	82	Resp:	669254
Ion	Ratio	Lower	Upper
82	100		
128	26.9	21.0	31.6
54	43.1	32.6	48.8

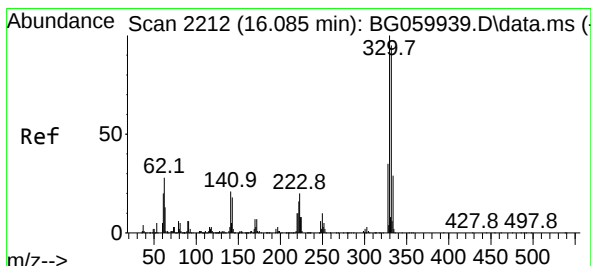
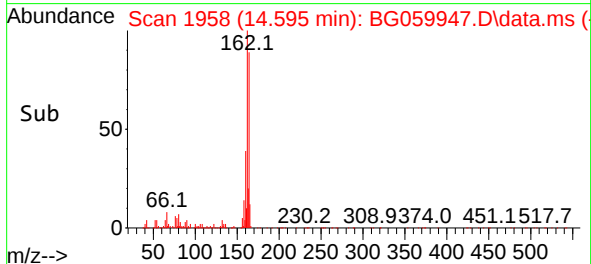
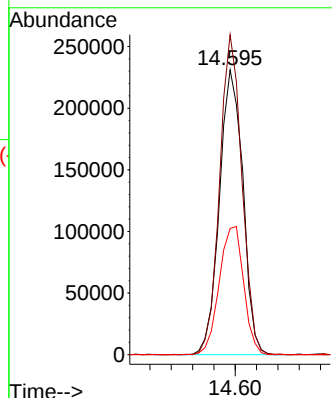
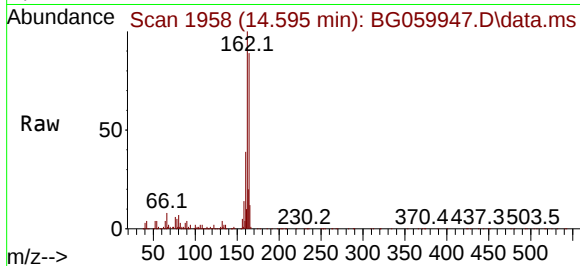




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.595 min Scan# 1959
Delta R.T. -0.003 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

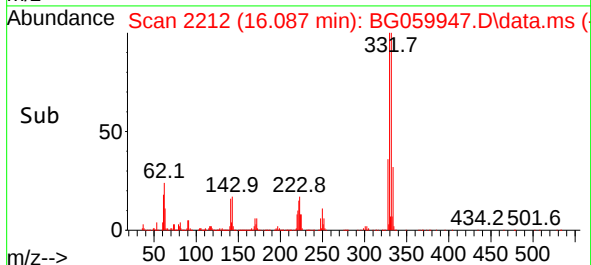
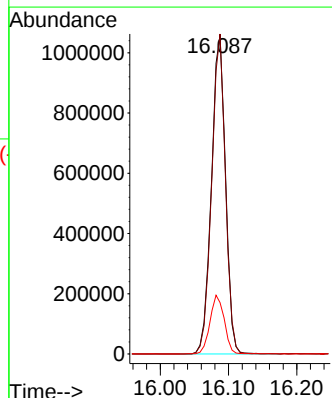
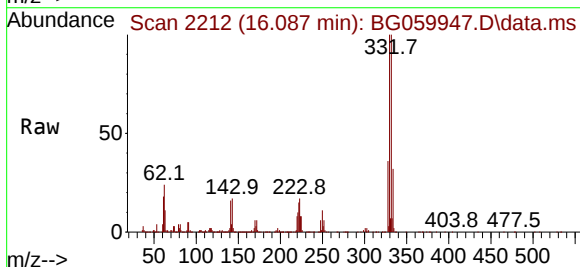
Instrument :
BNA_G
ClientSampleId :
PB157473BL

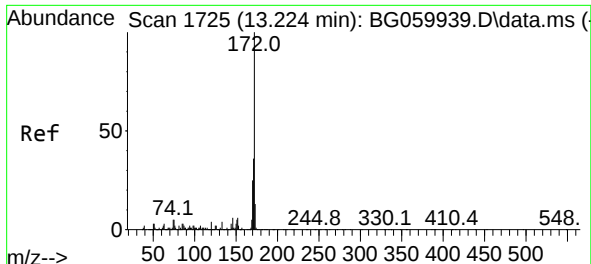
Tgt Ion:164 Resp: 352619
Ion Ratio Lower Upper
164 100
162 112.4 85.0 127.6
160 44.3 38.1 57.1



#42
2,4,6-Tribromophenol
Concen: 134.170 ng
RT: 16.087 min Scan# 2212
Delta R.T. 0.002 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:330 Resp: 1522188
Ion Ratio Lower Upper
330 100
332 97.8 76.5 114.7
141 18.6 15.0 22.6

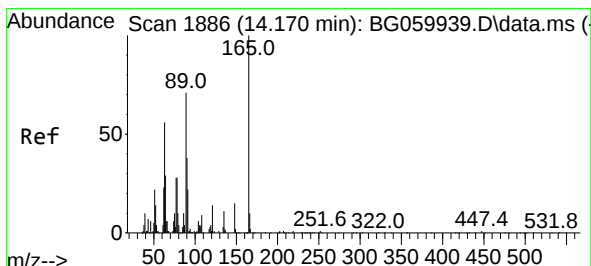
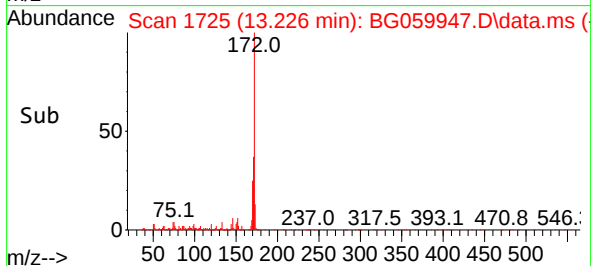
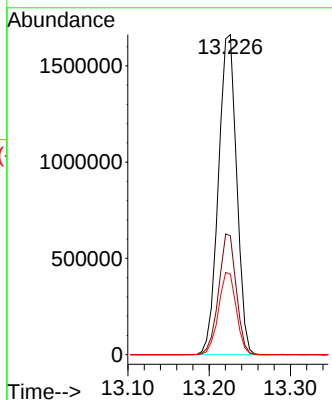
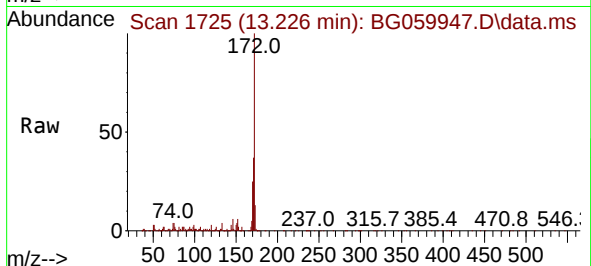




#45
2-Fluorobiphenyl
Concen: 80.203 ng
RT: 13.226 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

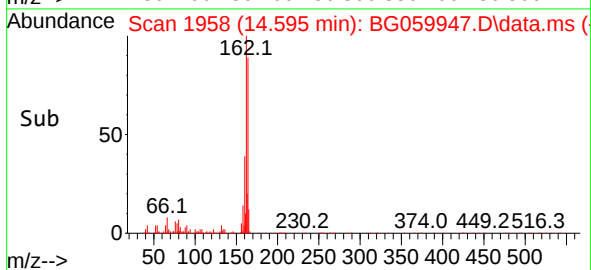
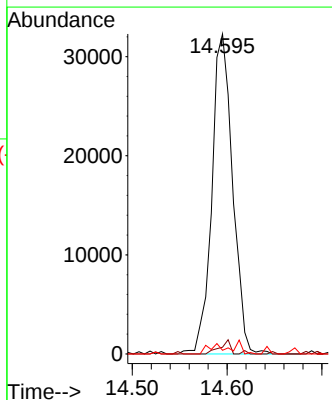
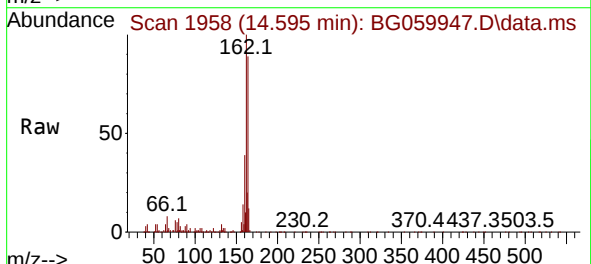
Instrument :
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ClientSampleId :
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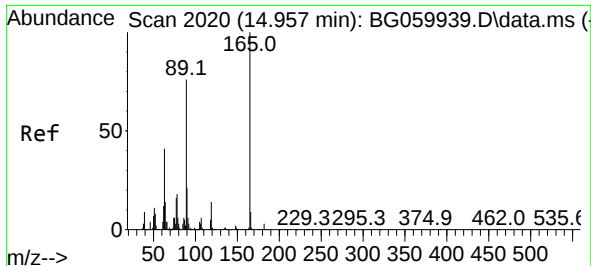
Tgt Ion:172 Resp: 2592980
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 25.2 19.8 29.8



#51
2,6-Dinitrotoluene
Concen: 7.492 ng
RT: 14.595 min Scan# 1958
Delta R.T. 0.425 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:165 Resp: 49272
Ion Ratio Lower Upper
165 100
63 2.1 47.2 70.8#
89 1.2 57.1 85.7#





#57

2,4-Dinitrotoluene

Concen: 5.387 ng

RT: 14.595 min Scan# 1958

Delta R.T. -0.362 min

Lab File: BG059947.D

Acq: 5 Dec 2023 13:18

Instrument :

BNA_G

ClientSampleId :

PB157473BL

Tgt Ion:165 Resp: 49272

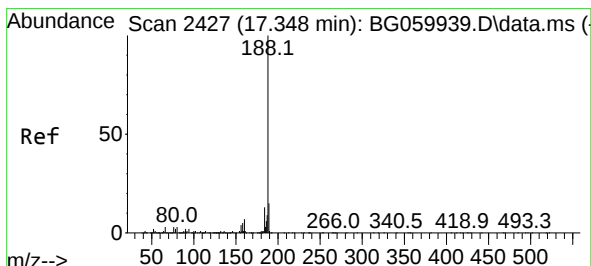
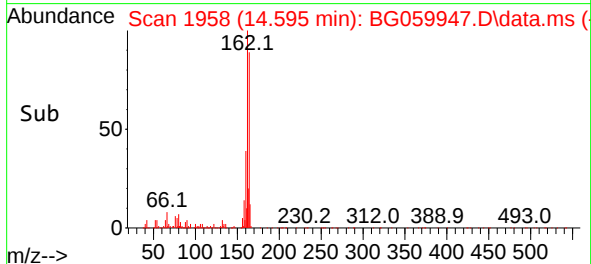
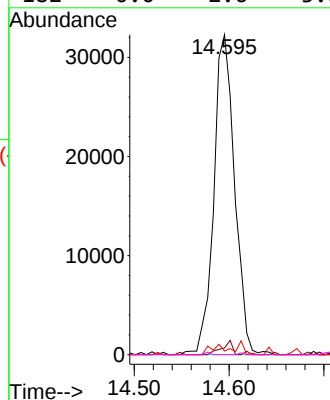
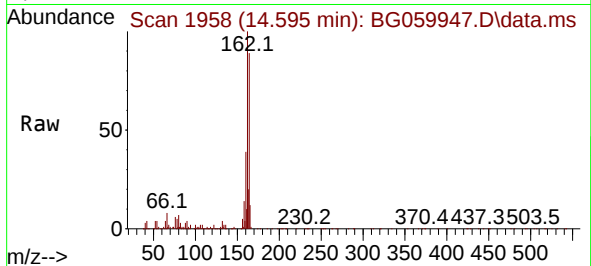
Ion Ratio Lower Upper

165 100

63 2.1 32.8 49.2#

89 1.2 60.6 90.8#

182 0.0 2.6 3.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.345 min Scan# 2426

Delta R.T. -0.003 min

Lab File: BG059947.D

Acq: 5 Dec 2023 13:18

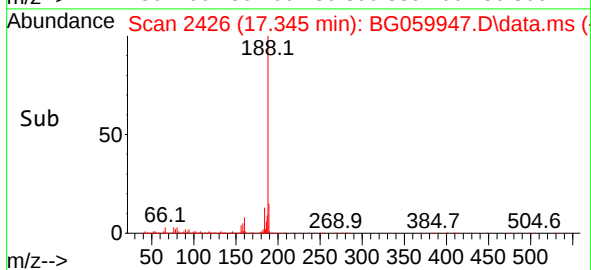
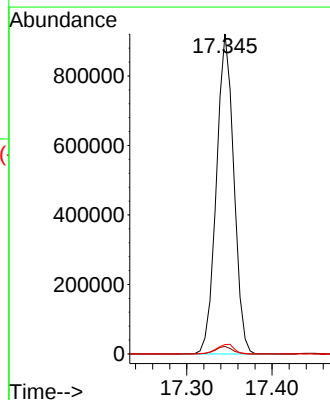
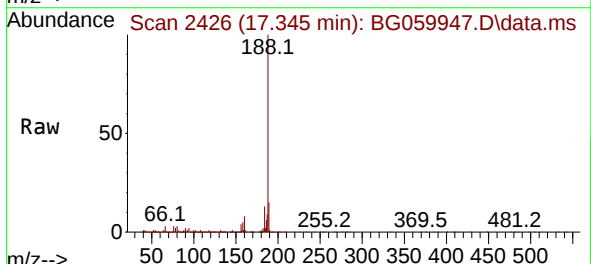
Tgt Ion:188 Resp: 1305046

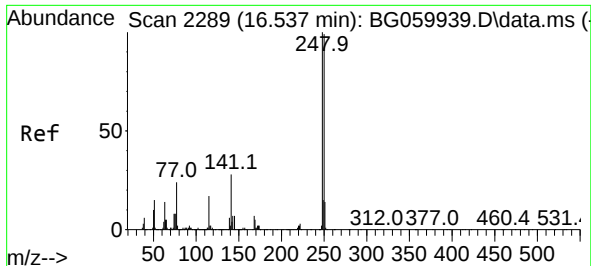
Ion Ratio Lower Upper

188 100

94 2.3 1.8 2.6

80 3.0 2.2 3.4

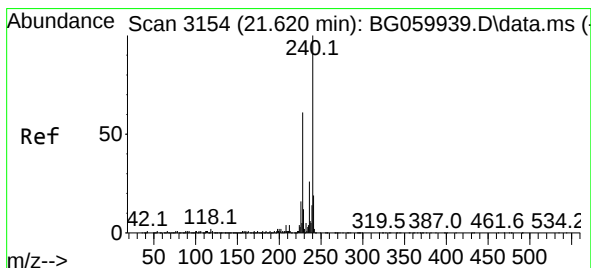
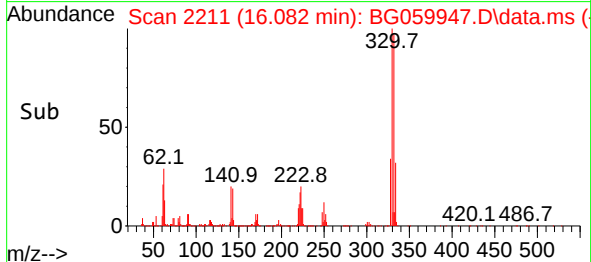
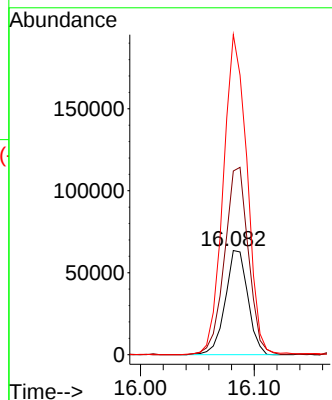
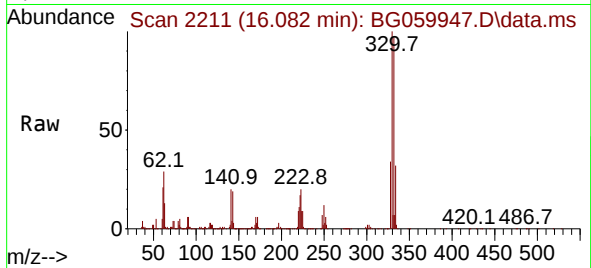




#67
4-Bromophenyl-phenylether
Concen: 3.920 ng
RT: 16.082 min Scan# 211
Delta R.T. -0.456 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

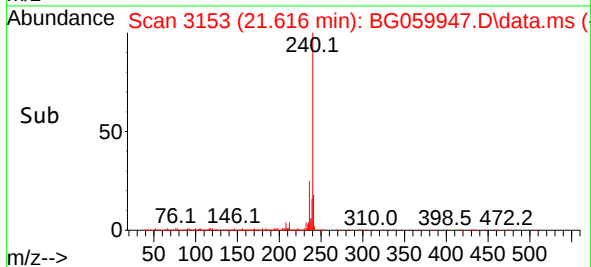
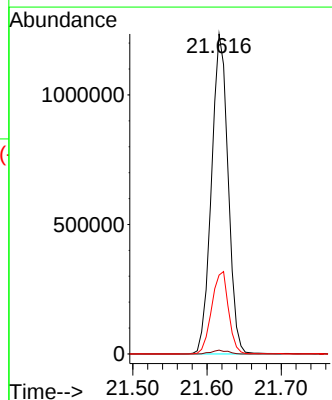
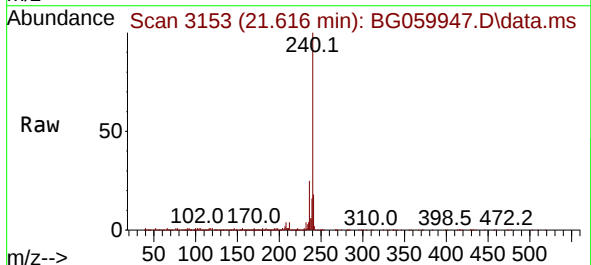
Instrument :
BNA_G
ClientSampleId :
PB157473BL

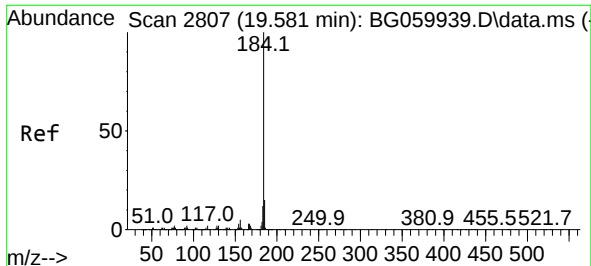
Tgt Ion:248 Resp: 87658
Ion Ratio Lower Upper
248 100
250 176.5 79.0 118.4#
141 307.4 22.3 33.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.616 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:240 Resp: 1920104
Ion Ratio Lower Upper
240 100
120 1.2 1.0 1.4
236 24.6 20.8 31.2

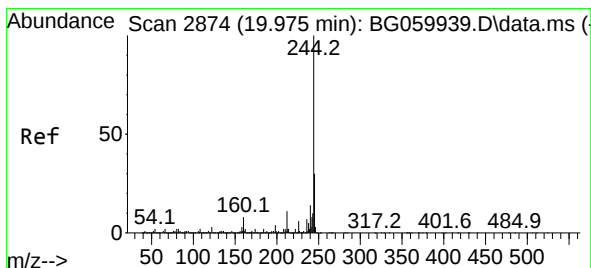
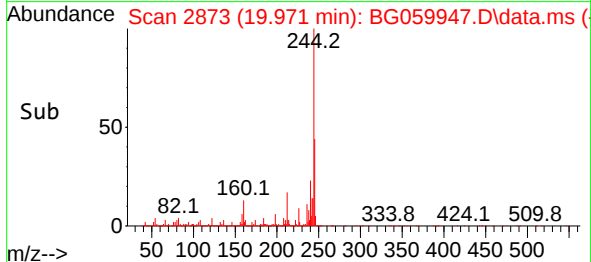
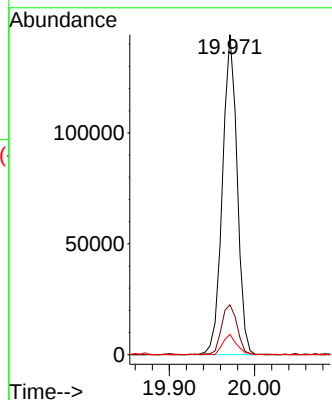
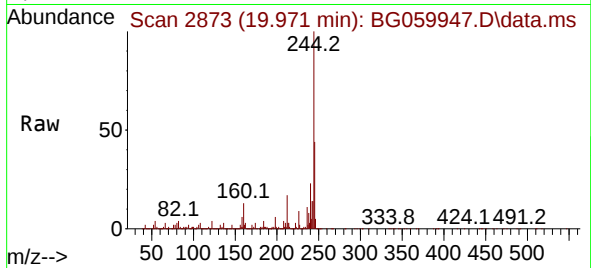




#77
Benzidine
Concen: 10.710 ng
RT: 19.971 min Scan# 2873
Delta R.T. 0.390 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

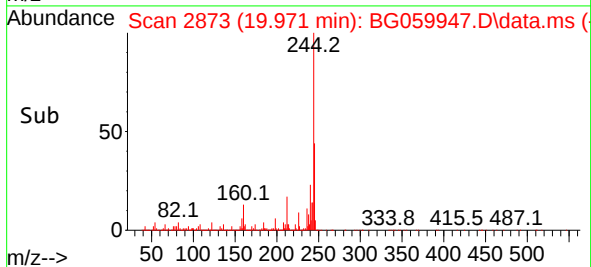
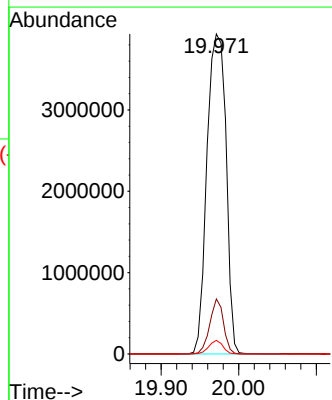
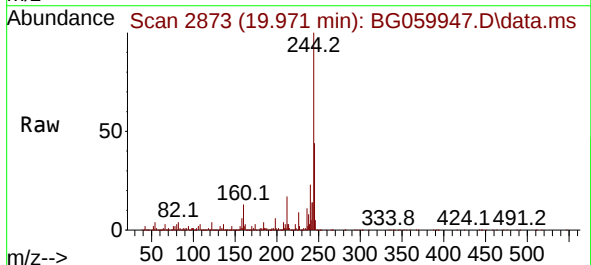
Instrument :
BNA_G
ClientSampleId :
PB157473BL

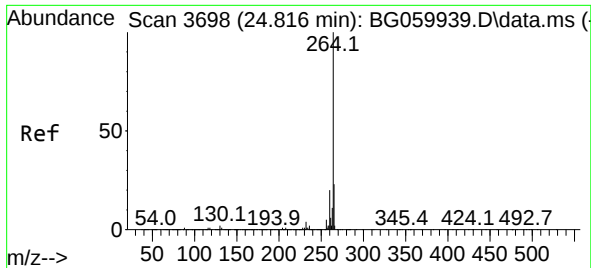
Tgt Ion:184 Resp: 173321
Ion Ratio Lower Upper
184 100
185 15.6 12.0 18.0
183 6.4 9.7 14.5#



#79
Terphenyl-d14
Concen: 60.452 ng
RT: 19.971 min Scan# 2873
Delta R.T. -0.004 min
Lab File: BG059947.D
Acq: 5 Dec 2023 13:18

Tgt Ion:244 Resp: 6733209
Ion Ratio Lower Upper
244 100
212 17.2 8.6 13.0#
122 4.3 2.1 3.1#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.813 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: BG059947.D
 Acq: 5 Dec 2023 13:18

Instrument :
 BNA_G
 ClientSampleId :
 PB157473BL

Tgt Ion:264 Resp: 2303457
 Ion Ratio Lower Upper
 264 100
 260 22.3 15.8 23.6
 265 21.7 18.1 27.1

