

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
 Data File : BG055975.D
 Acq On : 15 Dec 2022 13:38
 Operator : CG/JU
 Sample : PB149554BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149554BL

Quant Time: Dec 16 04:01:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 14 02:24:06 2022
 Response via : Initial Calibration

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

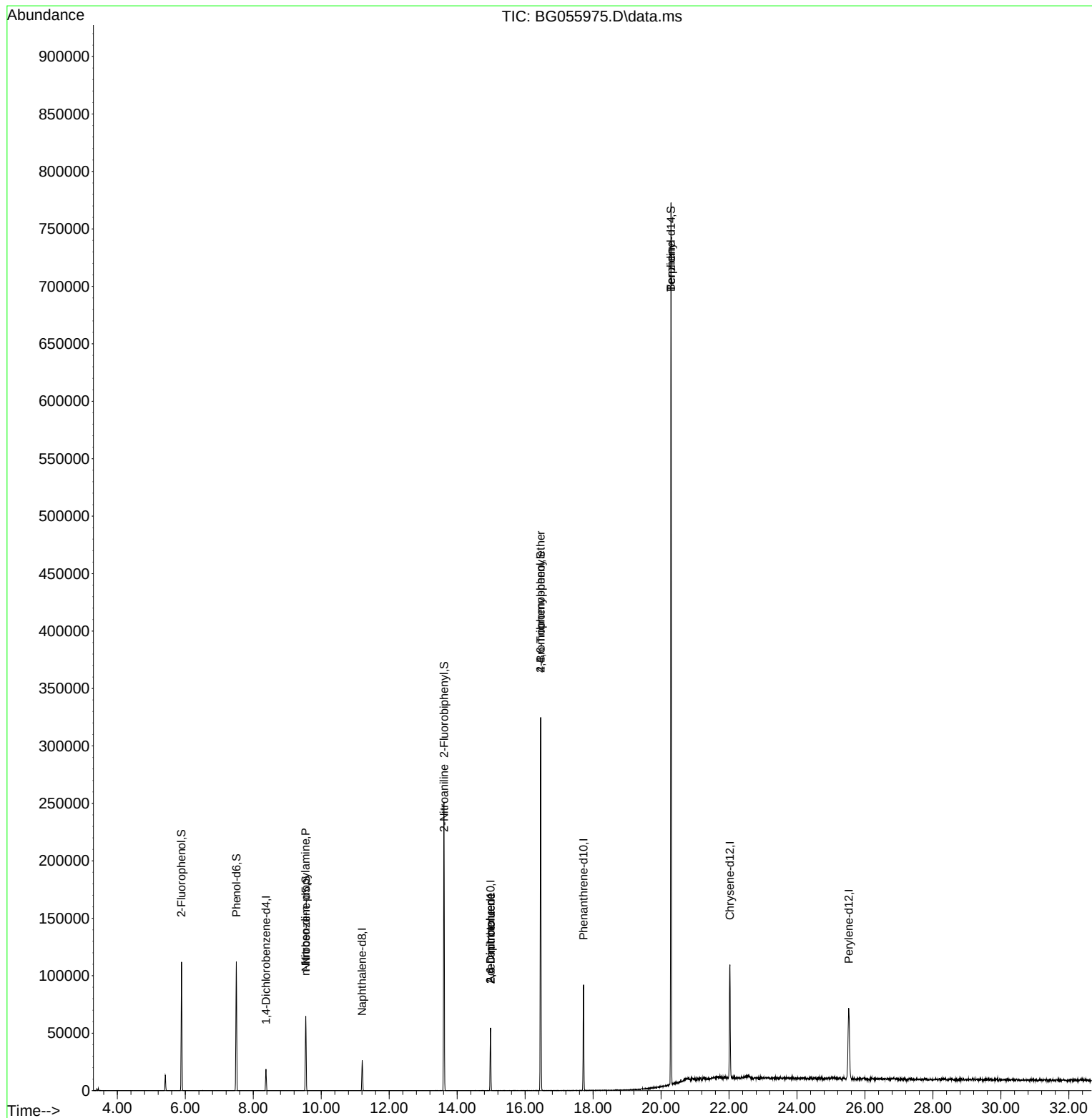
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.372	152	6116	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	23899	20.000	ng	# 0.00
39) Acenaphthene-d10	14.982	164	21467	20.000	ng	0.00
64) Phenanthrene-d10	17.720	188	66195	20.000	ng	# 0.00
76) Chrysene-d12	22.027	240	69966	20.000	ng	0.00
86) Perylene-d12	25.523	264	85436	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.887	112	44242	169.646	ng	0.00
7) Phenol-d6	7.503	99	53373	159.126	ng	0.00
23) Nitrobenzene-d5	9.547	82	34095	99.696	ng	0.00
42) 2,4,6-Tribromophenol	16.457	330	83997	162.271	ng	0.00
45) 2-Fluorobiphenyl	13.613	172	141585	92.500	ng	0.00
79) Terphenyl-d14	20.294	244	402872	101.768	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.542	70	5133	21.350	ng	# 60
48) 2-Nitroaniline	13.619	65	54	3.033	ng	# 1
51) 2,6-Dinitrotoluene	14.982	165	2774	9.659	ng	# 25
57) 2,4-Dinitrotoluene	14.982	165	2774	6.399	ng	# 35
67) 4-Bromophenyl-phenylether	16.457	248	4625	4.768	ng	# 1
77) Benzidine	20.294	184	6628	5.394	ng	# 94

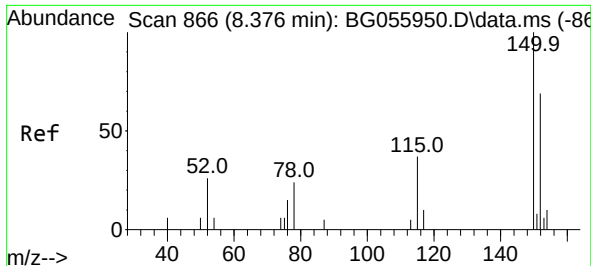
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055975.D
Acq On : 15 Dec 2022 13:38
Operator : CG/JU
Sample : PB149554BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB149554BL

Quant Time: Dec 16 04:01:24 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 02:24:06 2022
Response via : Initial Calibration

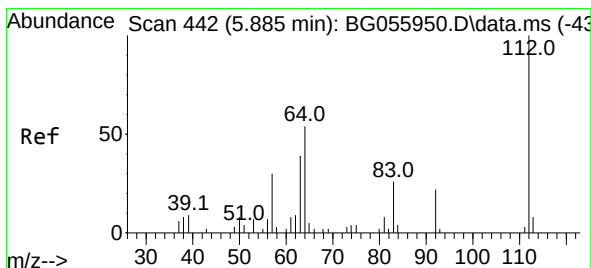
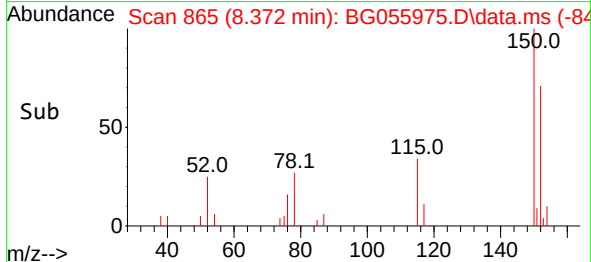
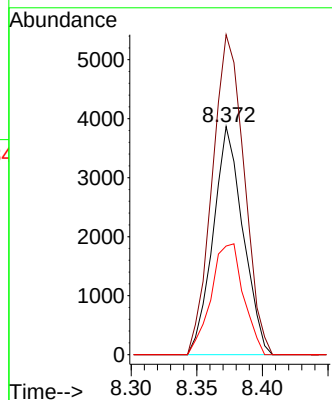
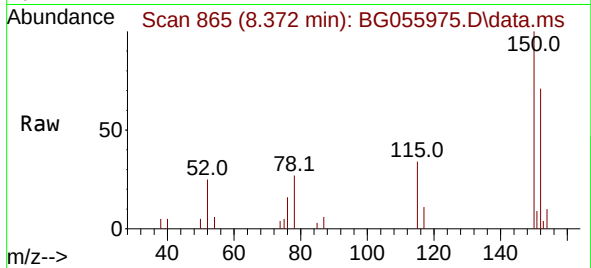




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.372 min Scan# 866
Delta R.T. -0.004 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

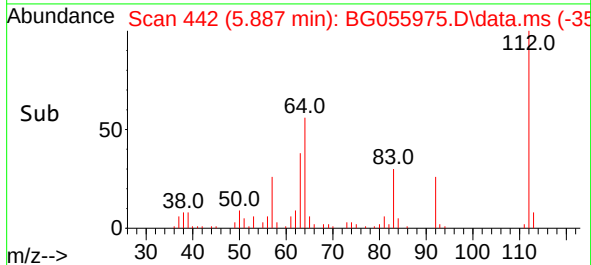
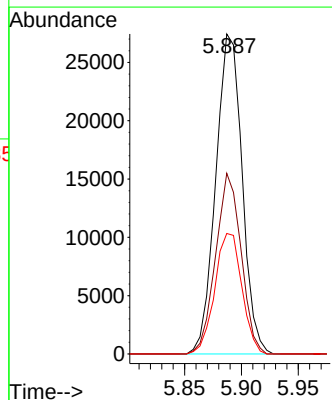
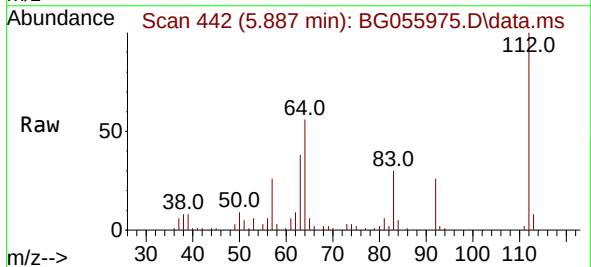
Instrument :
BNA_G
ClientSampleId :
PB149554BL

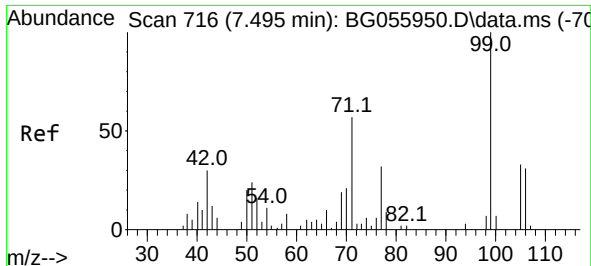
Tgt Ion:152 Resp: 6116
Ion Ratio Lower Upper
152 100
150 140.2 115.7 173.5
115 47.6 43.0 64.4



#5
2-Fluorophenol
Concen: 169.646 ng
RT: 5.887 min Scan# 442
Delta R.T. 0.002 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

Tgt Ion:112 Resp: 44242
Ion Ratio Lower Upper
112 100
64 56.5 43.0 64.4
63 37.6 31.4 47.2

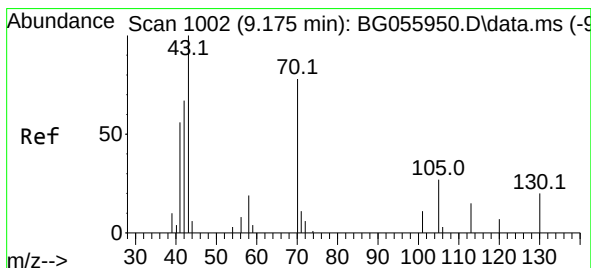
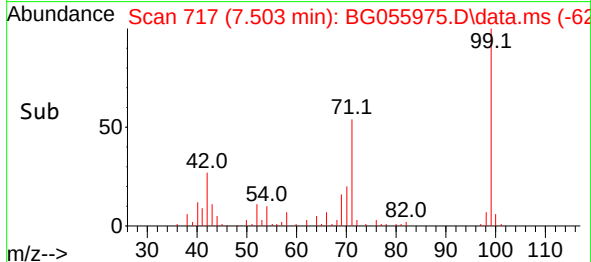
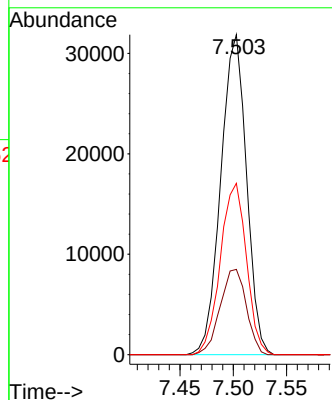
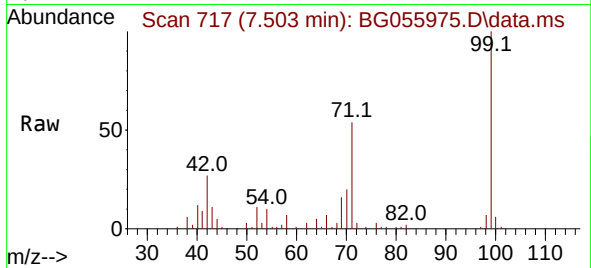




#7
Phenol-d6
Concen: 159.126 ng
RT: 7.503 min Scan# 716
Delta R.T. 0.008 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

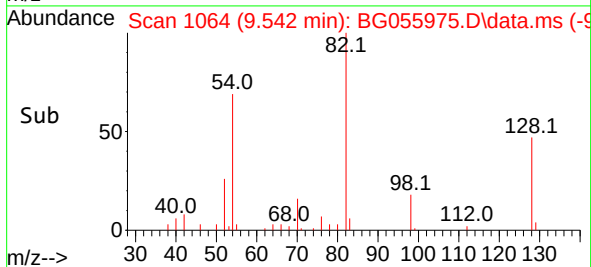
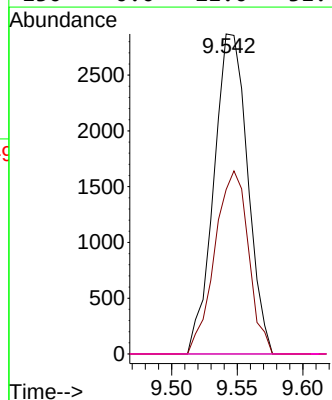
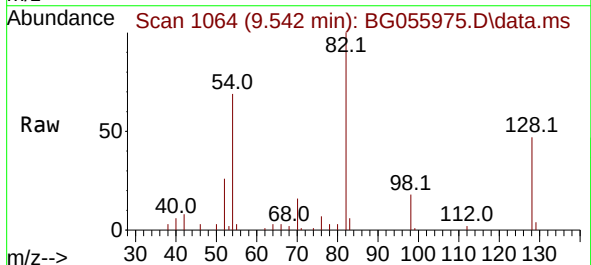
Instrument :
BNA_G
ClientSampleId :
PB149554BL

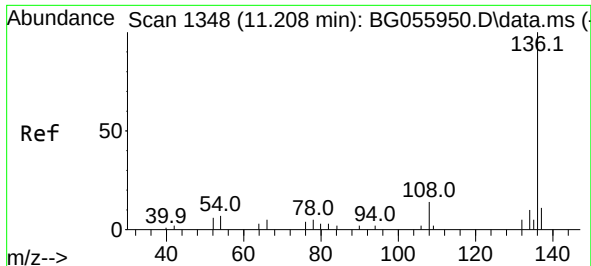
Tgt Ion: 99 Resp: 53373
Ion Ratio Lower Upper
99 100
42 26.7 24.3 36.5
71 53.5 45.6 68.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.350 ng
RT: 9.542 min Scan# 1064
Delta R.T. 0.366 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

Tgt Ion: 70 Resp: 5133
Ion Ratio Lower Upper
70 100
42 51.4 69.0 103.4#
101 0.0 11.8 17.8#
130 0.0 21.0 31.4#

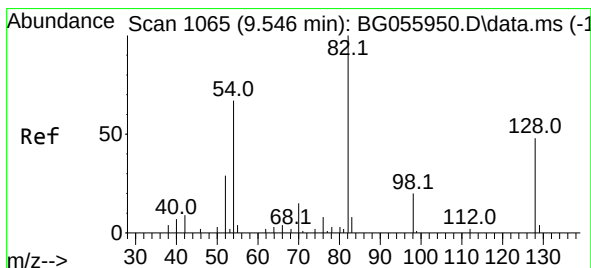
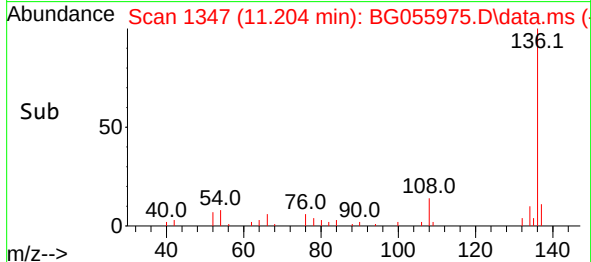
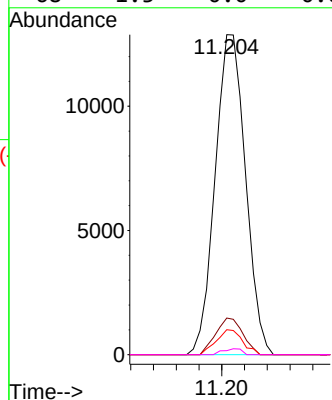
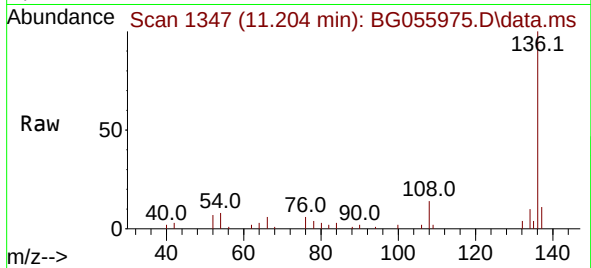




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

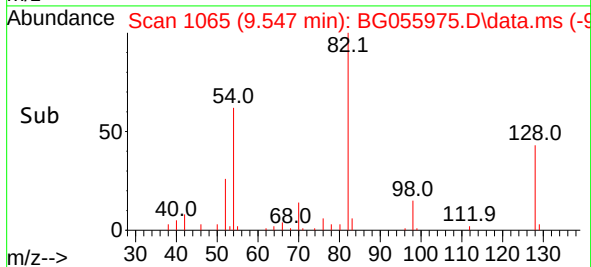
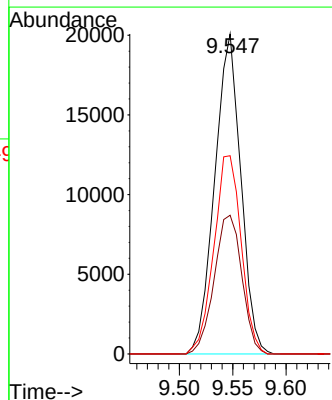
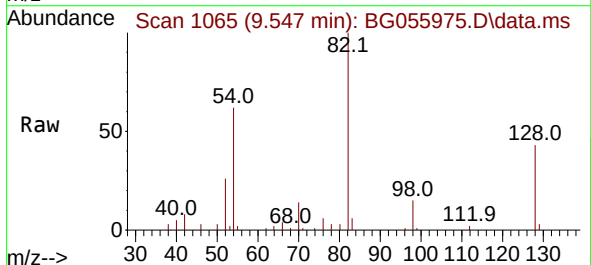
Instrument :
BNA_G
ClientSampleId :
PB149554BL

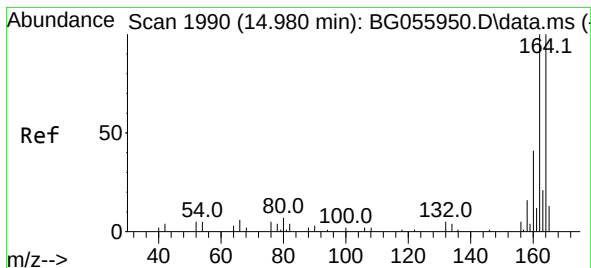
Tgt Ion:136 Resp: 23899
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 7.8 5.6 8.4
68 1.3 0.0 0.0#



#23
Nitrobenzene-d5
Concen: 99.696 ng
RT: 9.547 min Scan# 1065
Delta R.T. 0.002 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

Tgt Ion: 82 Resp: 34095
Ion Ratio Lower Upper
82 100
128 43.4 38.4 57.6
54 62.0 53.3 79.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.982 min Scan# 1990

Delta R.T. 0.002 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB149554BL

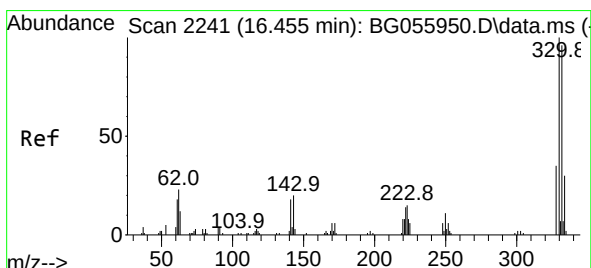
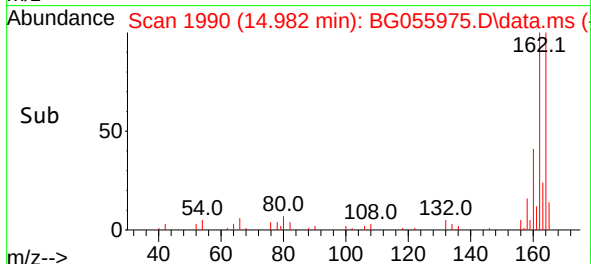
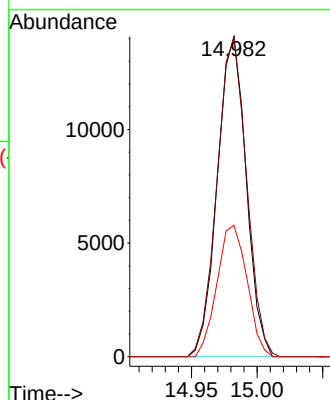
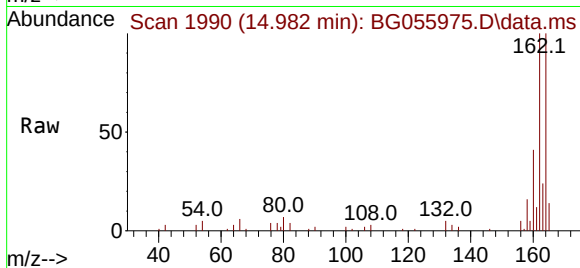
Tgt Ion:164 Resp: 21467

Ion Ratio Lower Upper

164 100

162 99.9 79.8 119.8

160 41.1 33.0 49.4



#42

2,4,6-Tribromophenol

Concen: 162.271 ng

RT: 16.457 min Scan# 2241

Delta R.T. 0.002 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

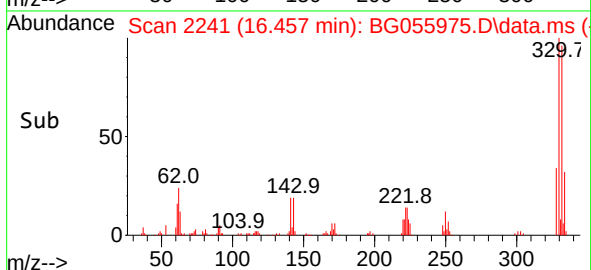
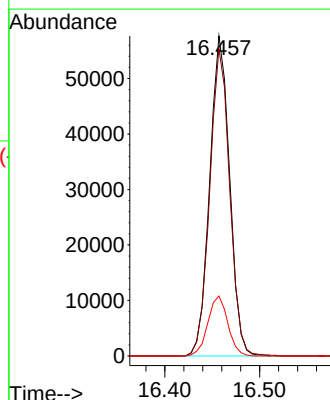
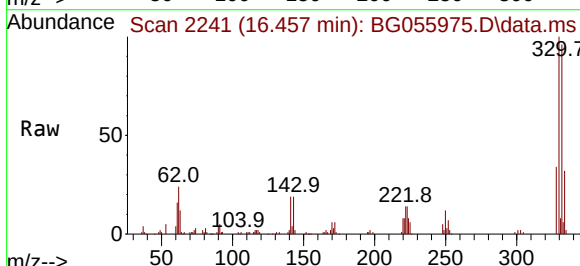
Tgt Ion:330 Resp: 83997

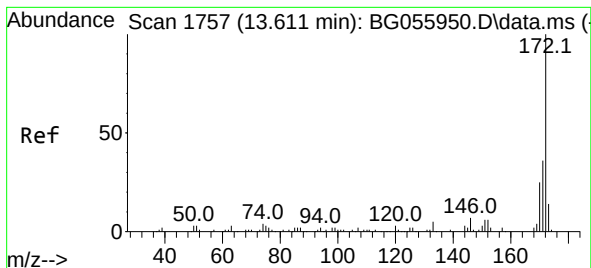
Ion Ratio Lower Upper

330 100

332 96.2 76.6 114.8

141 18.7 15.0 22.4

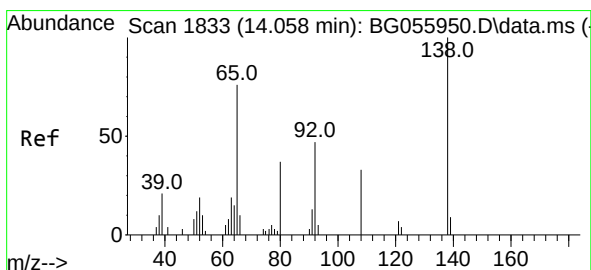
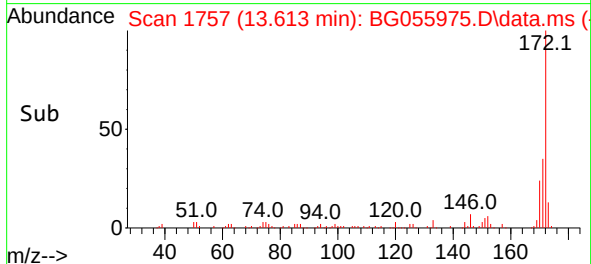
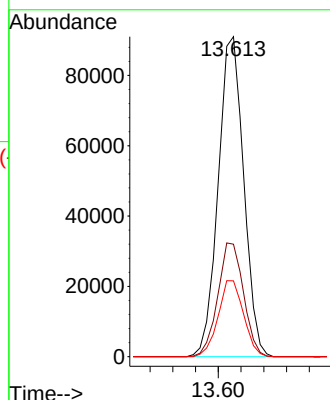
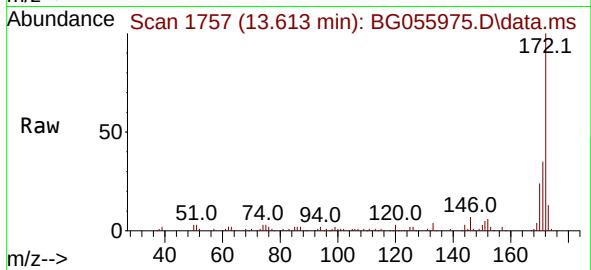




#45
2-Fluorobiphenyl
Concen: 92.500 ng
RT: 13.613 min Scan# 1757
Delta R.T. 0.002 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

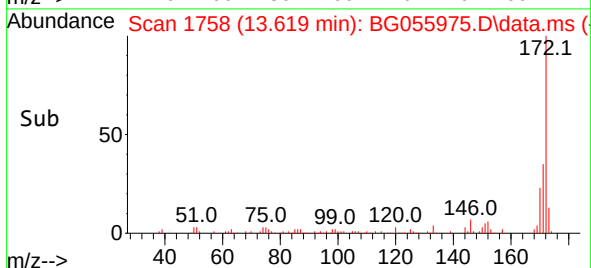
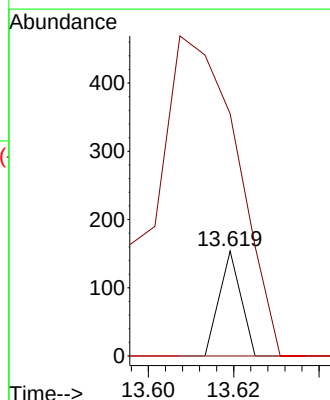
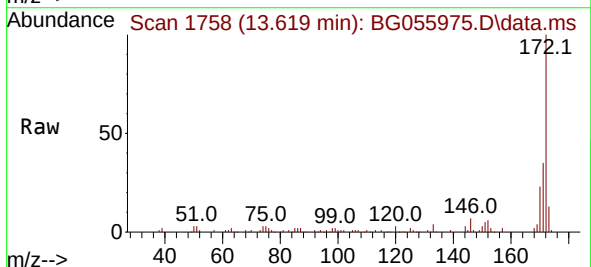
Instrument :
BNA_G
ClientSampleId :
PB149554BL

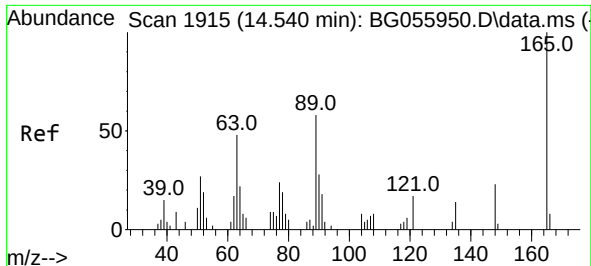
Tgt Ion:172 Resp: 141585
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.7 19.9 29.9



#48
2-Nitroaniline
Concen: 3.033 ng
RT: 13.619 min Scan# 1758
Delta R.T. -0.439 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

Tgt Ion: 65 Resp: 54
Ion Ratio Lower Upper
65 100
92 230.5 49.7 74.5#
138 0.0 105.0 157.6#





#51

2,6-Dinitrotoluene

Concen: 9.659 ng

RT: 14.982 min Scan# 1990

Delta R.T. 0.442 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB149554BL

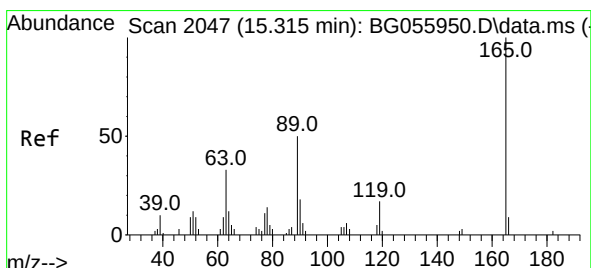
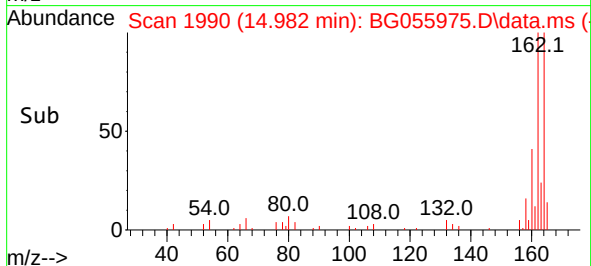
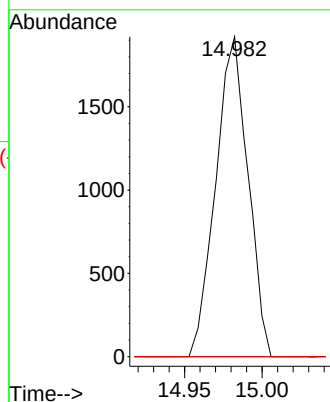
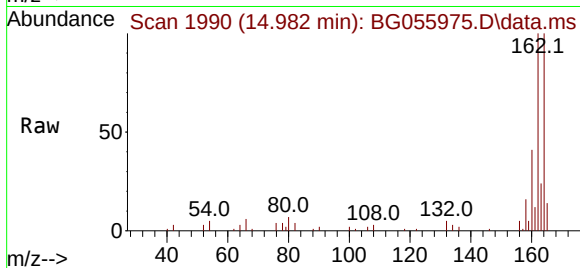
Tgt Ion:165 Resp: 2774

Ion Ratio Lower Upper

165 100

63 0.0 38.3 57.5#

89 0.0 46.3 69.5#



#57

2,4-Dinitrotoluene

Concen: 6.399 ng

RT: 14.982 min Scan# 1990

Delta R.T. -0.333 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

Tgt Ion:165 Resp: 2774

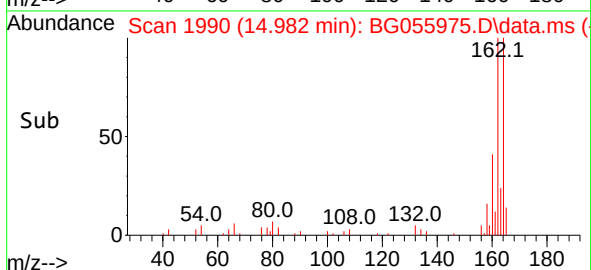
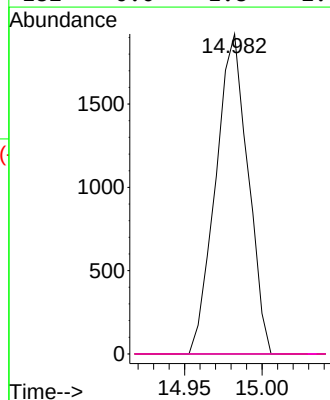
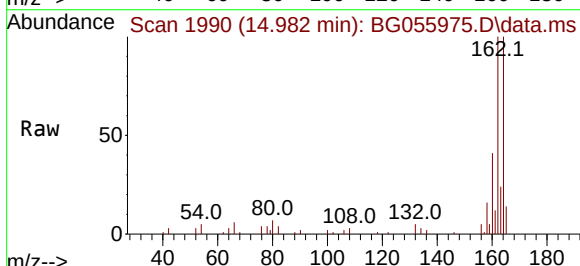
Ion Ratio Lower Upper

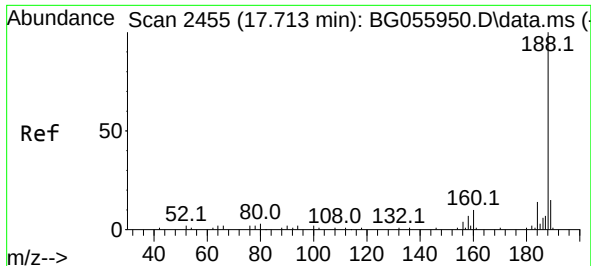
165 100

63 0.0 26.6 39.8#

89 0.0 40.1 60.1#

182 0.0 1.8 2.6#

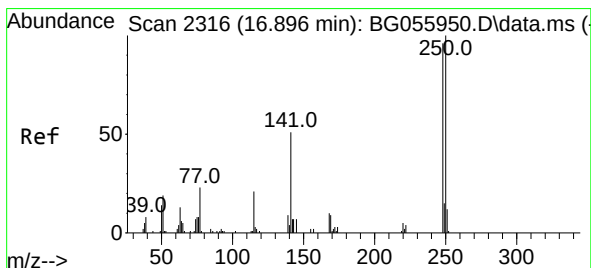
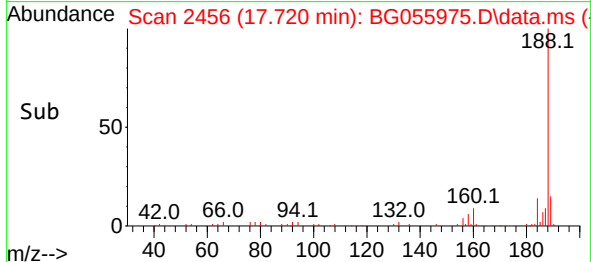
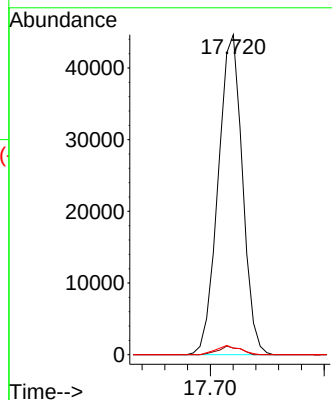
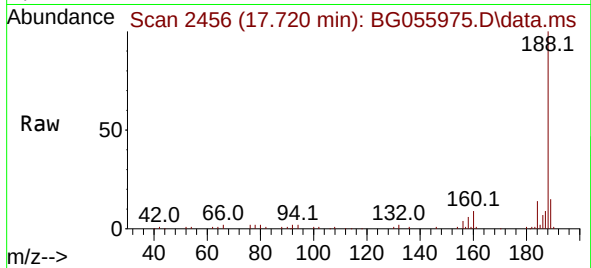




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.720 min Scan# 24
Delta R.T. 0.008 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

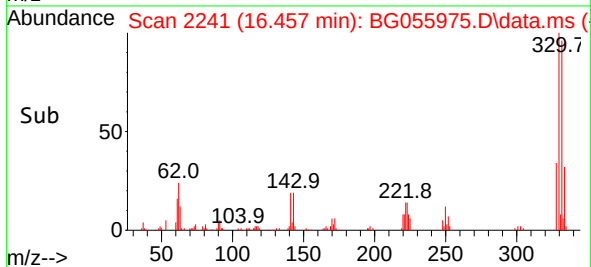
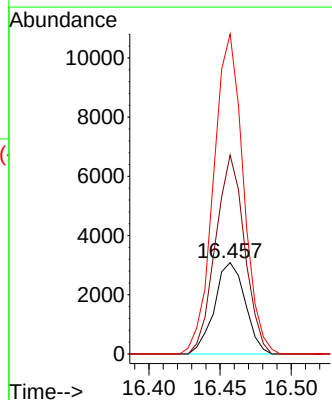
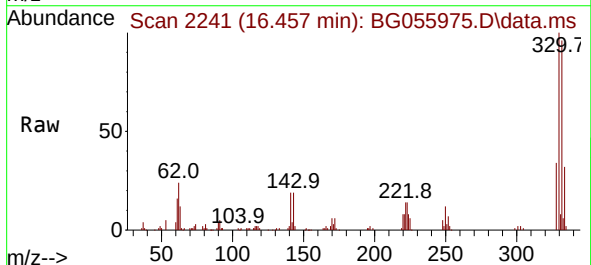
Instrument :
BNA_G
ClientSampleId :
PB149554BL

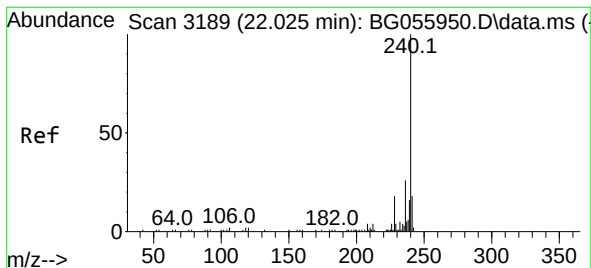
Tgt Ion:188 Resp: 66195
Ion Ratio Lower Upper
188 100
94 2.1 1.8 2.8
80 2.1 2.4 3.6#



#67
4-Bromophenyl-phenylether
Concen: 4.768 ng
RT: 16.457 min Scan# 2241
Delta R.T. -0.439 min
Lab File: BG055975.D
Acq: 15 Dec 2022 13:38

Tgt Ion:248 Resp: 4625
Ion Ratio Lower Upper
248 100
250 217.5 83.0 124.6#
141 350.1 42.6 64.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.027 min Scan# 31

Delta R.T. 0.002 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

Instrument :

BNA_G

ClientSampleId :

PB149554BL

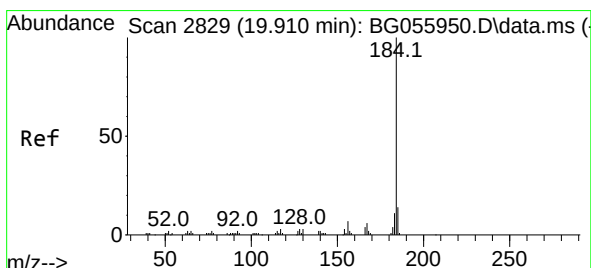
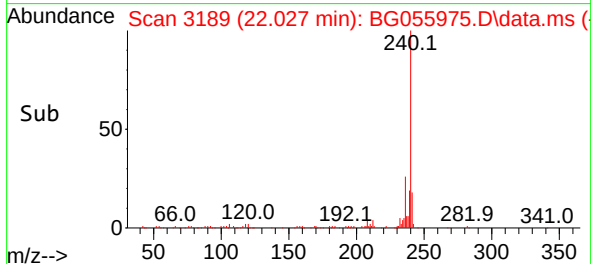
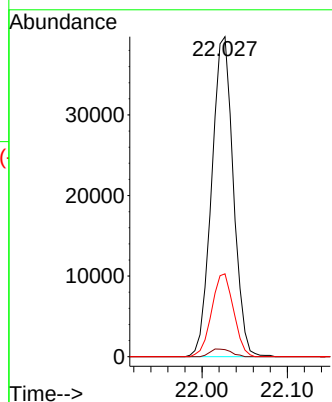
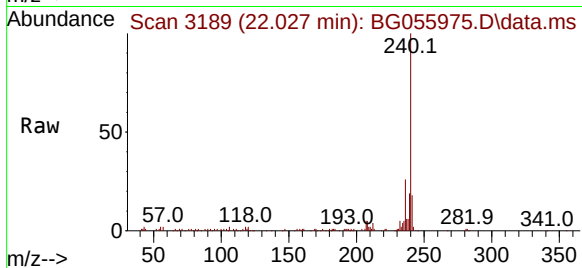
Tgt Ion:240 Resp: 69966

Ion Ratio Lower Upper

240 100

120 2.2 1.7 2.5

236 25.9 21.1 31.7



#77

Benzidine

Concen: 5.394 ng

RT: 20.294 min Scan# 2894

Delta R.T. 0.384 min

Lab File: BG055975.D

Acq: 15 Dec 2022 13:38

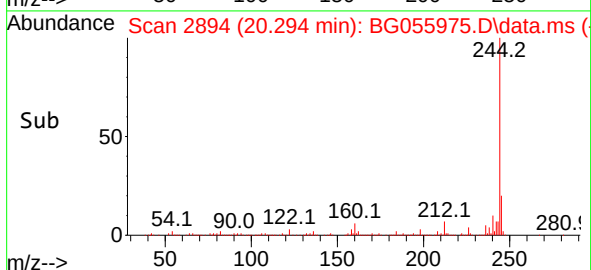
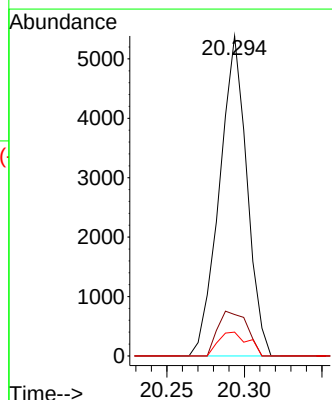
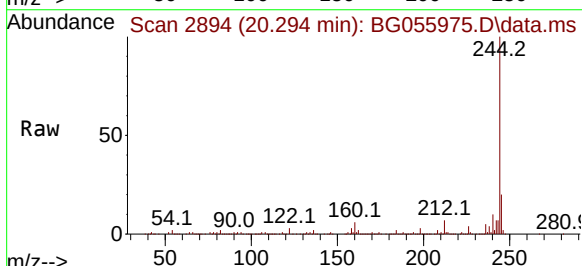
Tgt Ion:184 Resp: 6628

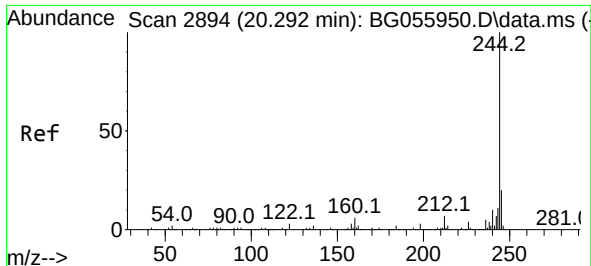
Ion Ratio Lower Upper

184 100

185 12.9 10.9 16.3

183 7.5 9.2 13.8#

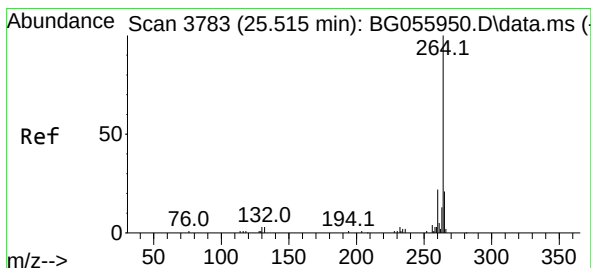
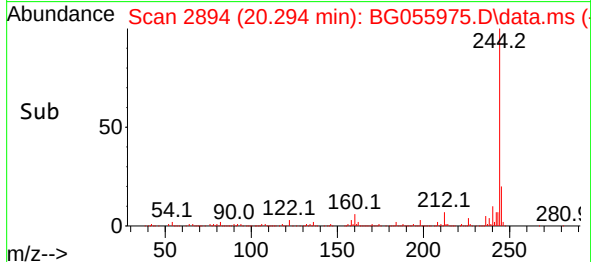
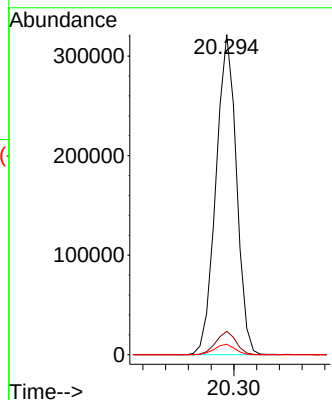
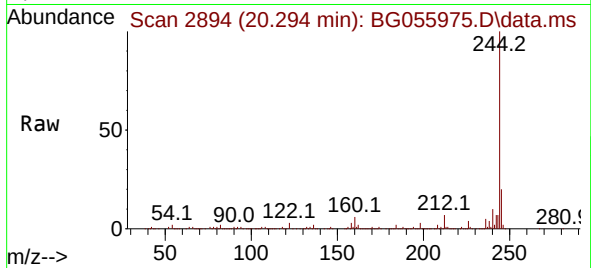




#79
 Terphenyl-d14
 Concen: 101.768 ng
 RT: 20.294 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG055975.D
 Acq: 15 Dec 2022 13:38

Instrument :
 BNA_G
 ClientSampleId :
 PB149554BL

Tgt Ion:244 Resp: 402872
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 3.3 2.5 3.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.523 min Scan# 3784
 Delta R.T. 0.008 min
 Lab File: BG055975.D
 Acq: 15 Dec 2022 13:38

Tgt Ion:264 Resp: 85436
 Ion Ratio Lower Upper
 264 100
 260 23.4 17.8 26.8
 265 22.6 16.6 25.0

