

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055127.D
 Acq On : 11 Oct 2022 14:35
 Operator : CG/JU
 Sample : N5054-02DL 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 510A-2DL

Quant Time: Oct 12 06:19:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

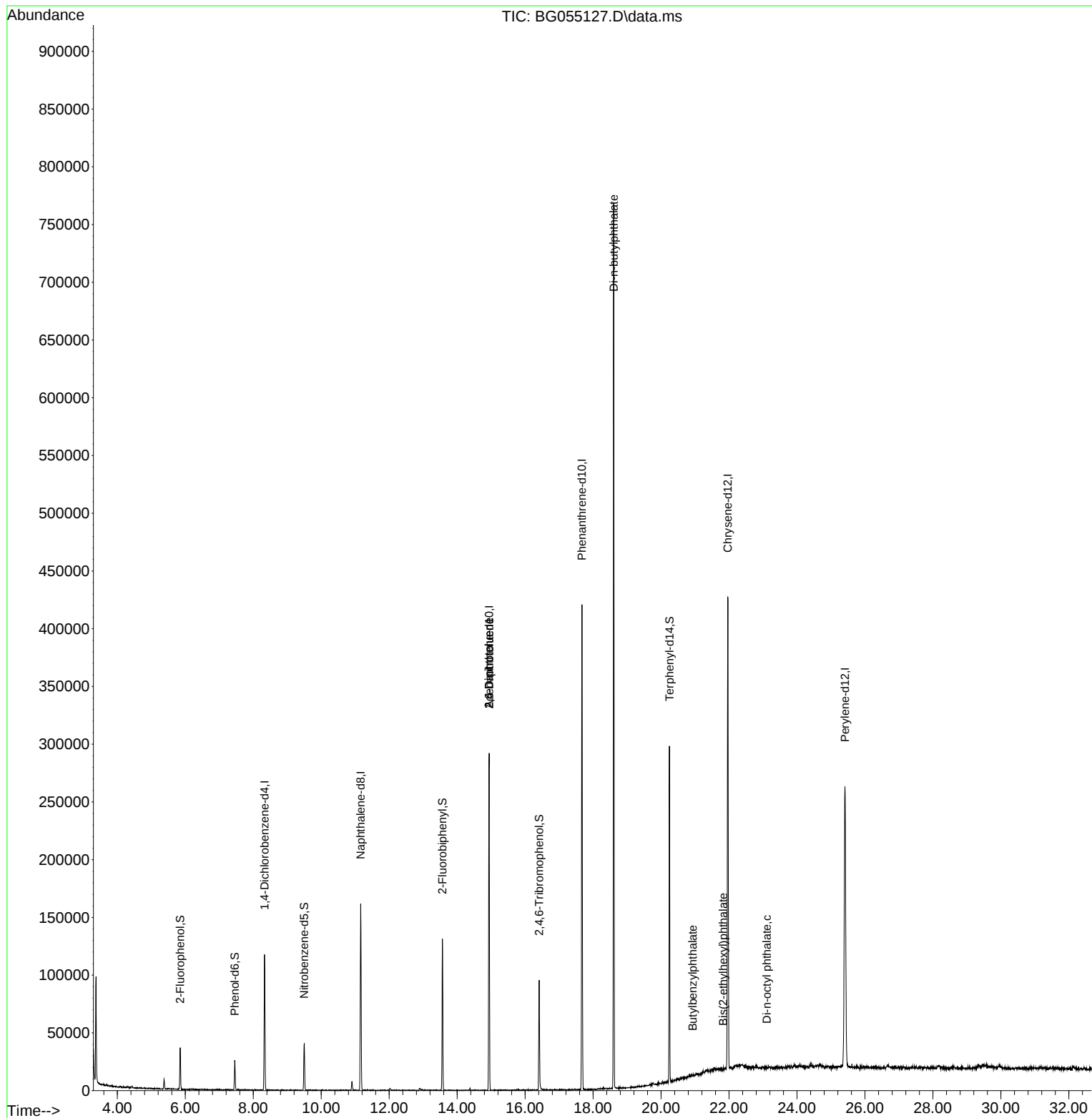
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.329	152	33493	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	137250	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	103953	20.000	ng	0.00
64) Phenanthrene-d10	17.671	188	271084	20.000	ng	0.00
76) Chrysene-d12	21.961	240	275602	20.000	ng	0.00
86) Perylene-d12	25.409	264	291703	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.844	112	15584	10.335	ng	0.00
7) Phenol-d6	7.454	99	14130	6.254	ng	0.00
23) Nitrobenzene-d5	9.499	82	24556	10.691	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	23009	26.564	ng	0.00
45) 2-Fluorobiphenyl	13.565	172	68143	10.233	ng	0.00
79) Terphenyl-d14	20.245	244	148896	10.920	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.939	165	13693	12.287	ng	# 14
57) 2,4-Dinitrotoluene	14.939	165	13693	10.023	ng	# 16
74) Di-n-butylphthalate	18.606	149	528354	41.636	ng	99
80) Butylbenzylphthalate	20.926	149	60	4.848	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.825	149	588	4.164	ng	# 54
85) Di-n-octyl phthalate	23.112	149	215	4.354	ng	# 1

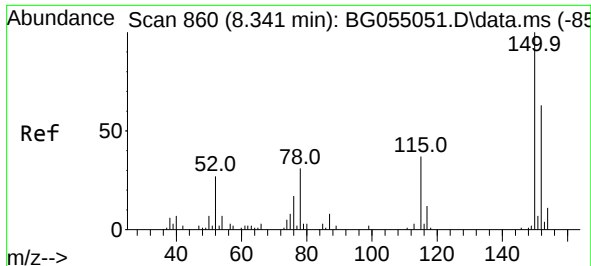
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
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510A-2DL

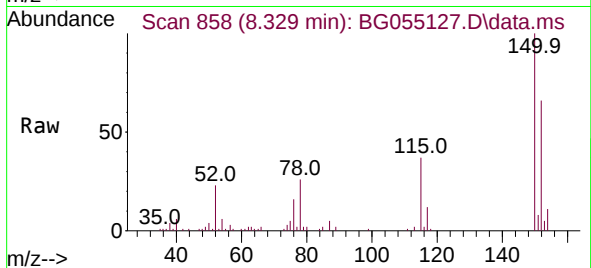
Quant Time: Oct 12 06:19:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
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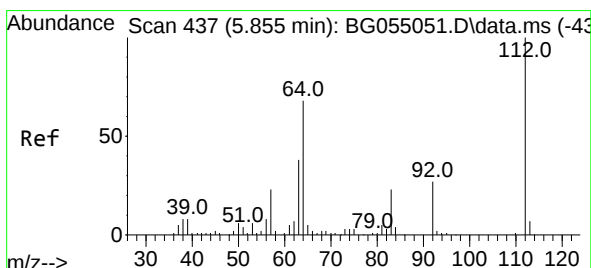
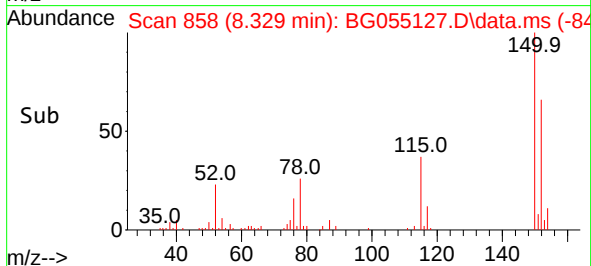
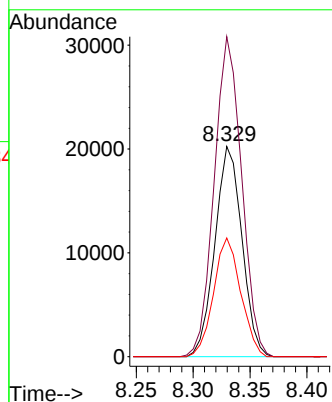


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.329 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
510A-2DL

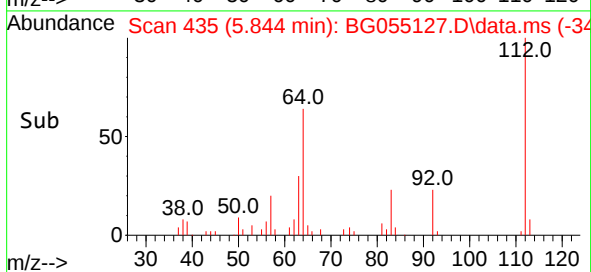
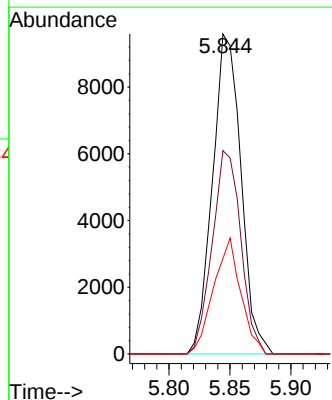
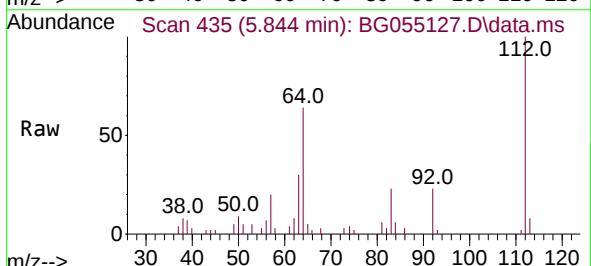


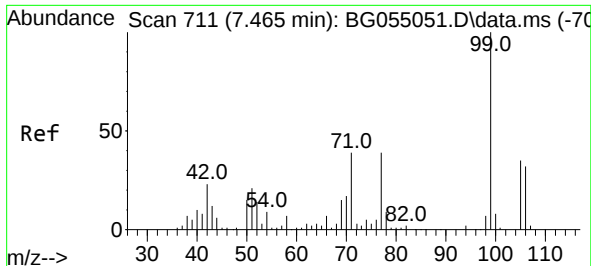
Tgt Ion:152 Resp: 33493
Ion Ratio Lower Upper
152 100
150 152.2 128.0 192.0
115 56.4 47.7 71.5



#5
2-Fluorophenol
Concen: 10.335 ng
RT: 5.844 min Scan# 435
Delta R.T. -0.008 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Tgt Ion:112 Resp: 15584
Ion Ratio Lower Upper
112 100
64 63.5 54.5 81.7
63 29.8 30.5 45.7#

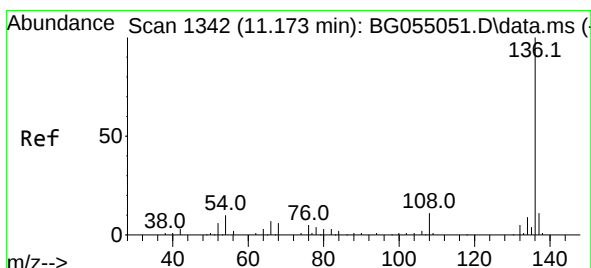
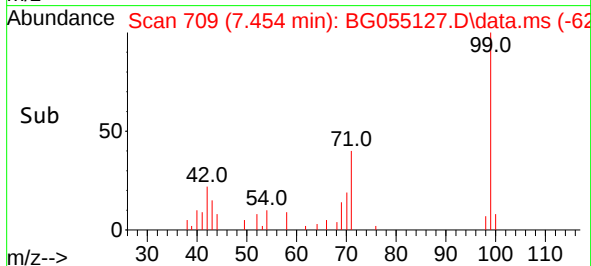
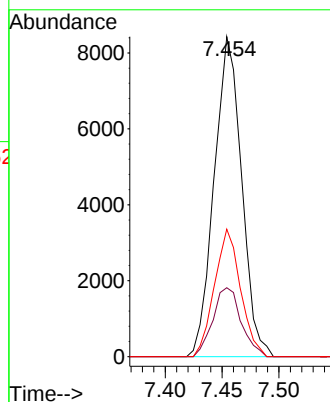
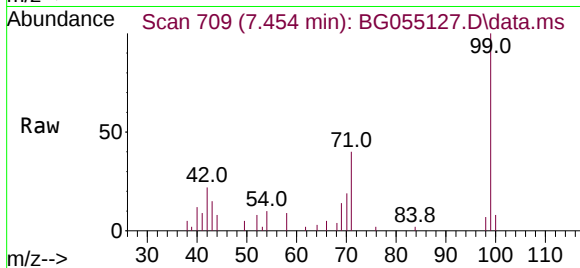




#7
Phenol-d6
Concen: 6.254 ng
RT: 7.454 min Scan# 709
Delta R.T. -0.008 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

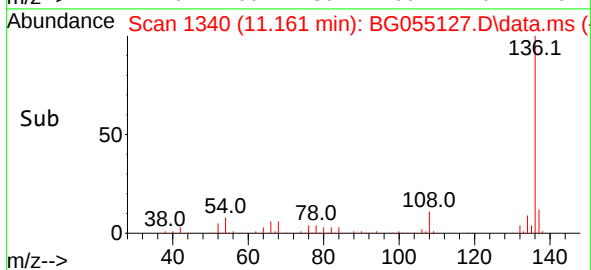
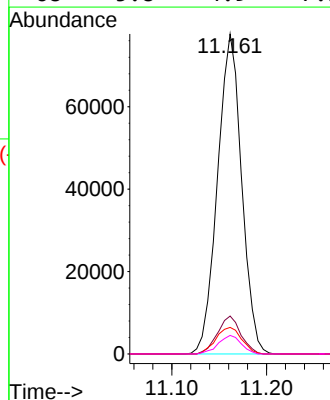
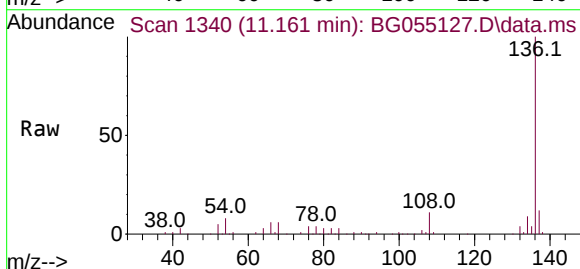
Instrument :
BNA_G
ClientSampleId :
510A-2DL

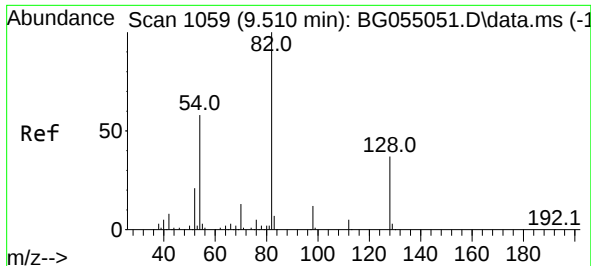
Tgt Ion: 99 Resp: 14130
Ion Ratio Lower Upper
99 100
42 21.5 18.6 28.0
71 39.8 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.008 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Tgt Ion:136 Resp: 137250
Ion Ratio Lower Upper
136 100
137 11.9 8.7 13.1
54 8.3 8.2 12.4
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 10.691 ng

RT: 9.499 min Scan# 1057

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

Instrument :

BNA_G

ClientSampleId :

510A-2DL

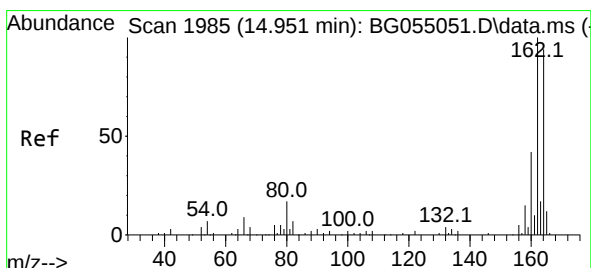
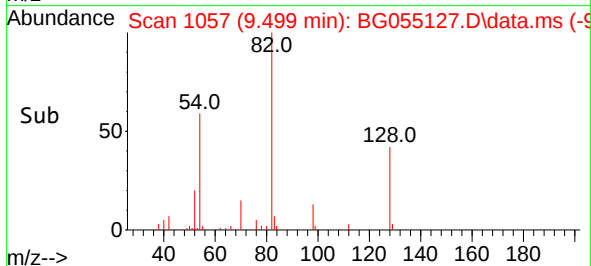
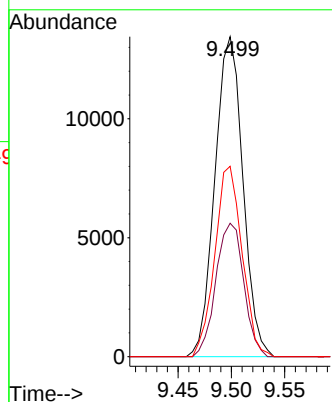
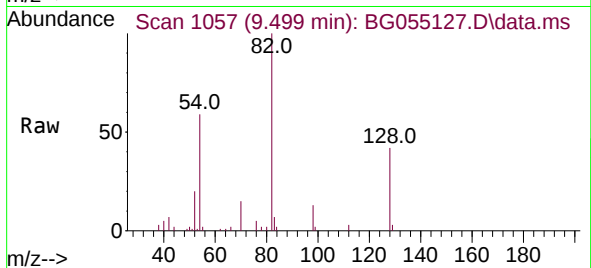
Tgt Ion: 82 Resp: 24556

Ion Ratio Lower Upper

82 100

128 41.7 29.5 44.3

54 59.5 46.7 70.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.002 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

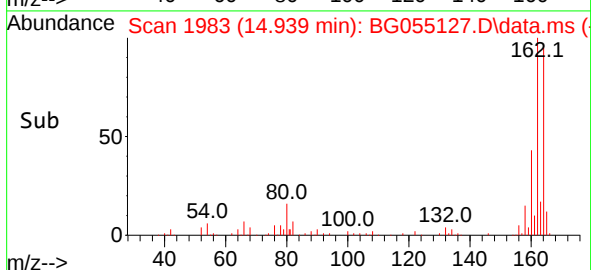
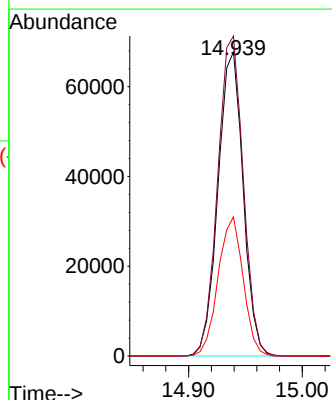
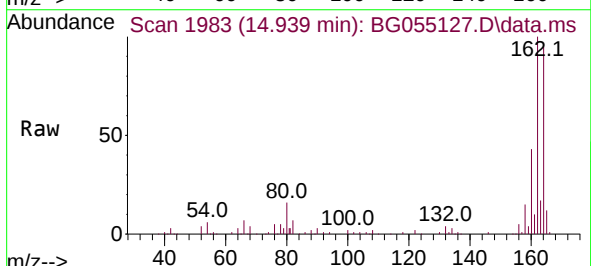
Tgt Ion: 164 Resp: 103953

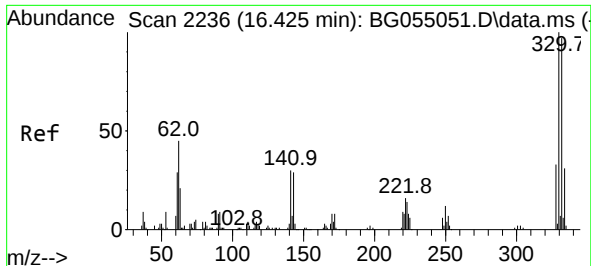
Ion Ratio Lower Upper

164 100

162 105.2 85.5 128.3

160 45.8 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 26.564 ng

RT: 16.414 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

Instrument :

BNA_G

ClientSampleId :

510A-2DL

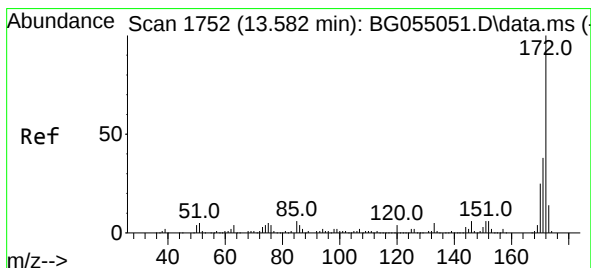
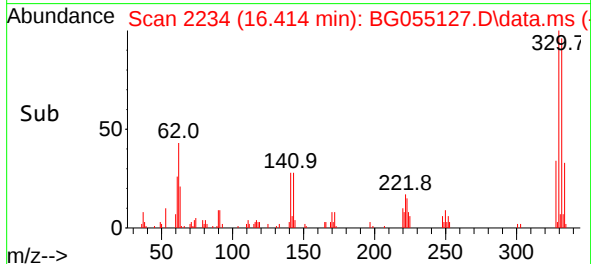
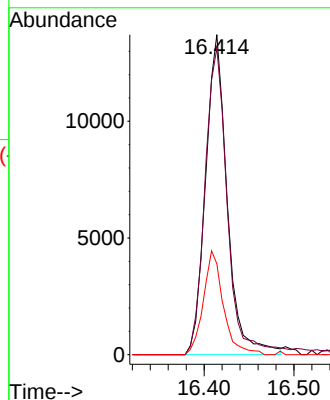
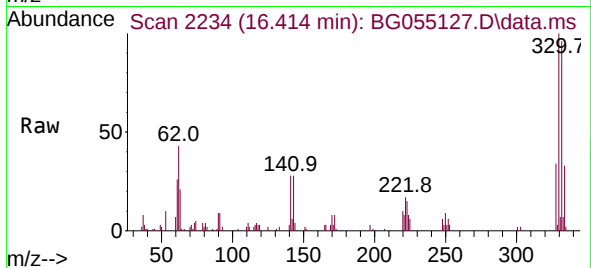
Tgt Ion:330 Resp: 23009

Ion Ratio Lower Upper

330 100

332 99.0 77.4 116.0

141 29.9 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 10.233 ng

RT: 13.565 min Scan# 1749

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

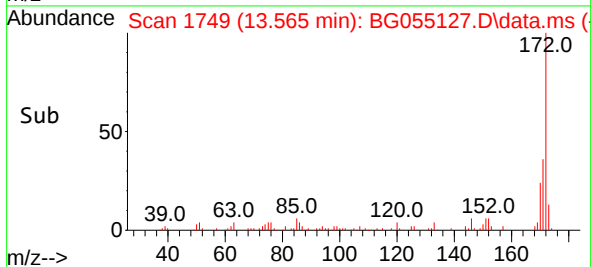
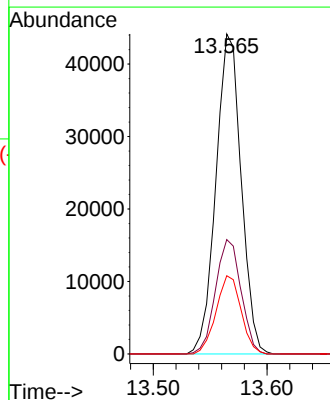
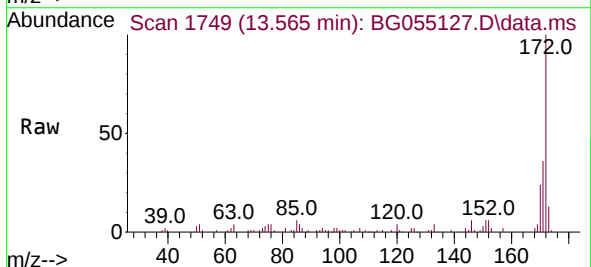
Tgt Ion:172 Resp: 68143

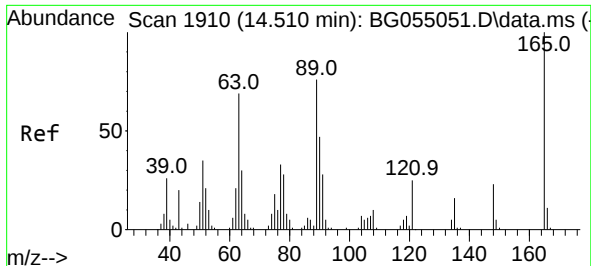
Ion Ratio Lower Upper

172 100

171 35.7 30.1 45.1

170 24.4 20.0 30.0

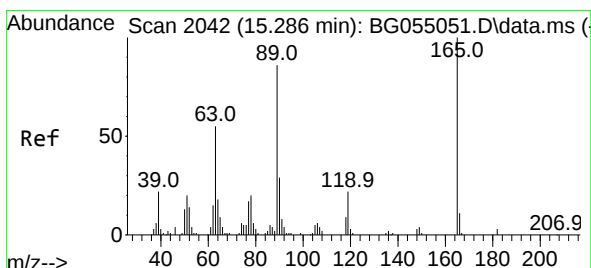
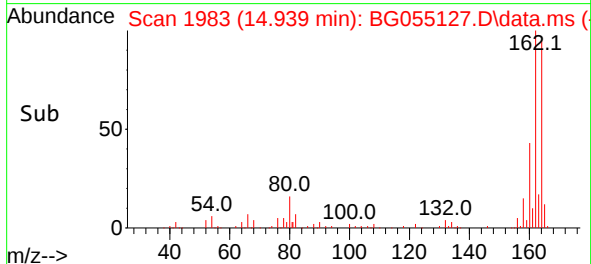
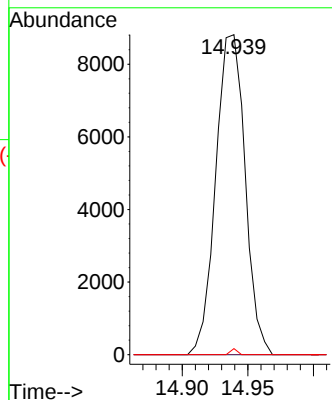
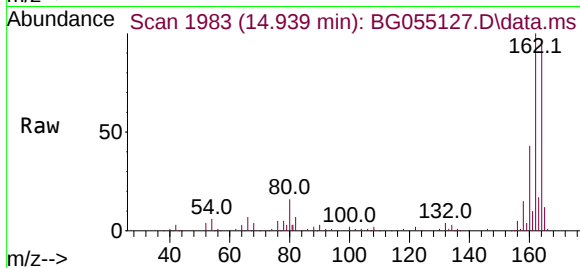




#51
2,6-Dinitrotoluene
Concen: 12.287 ng
RT: 14.939 min Scan# 1910
Delta R.T. 0.432 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

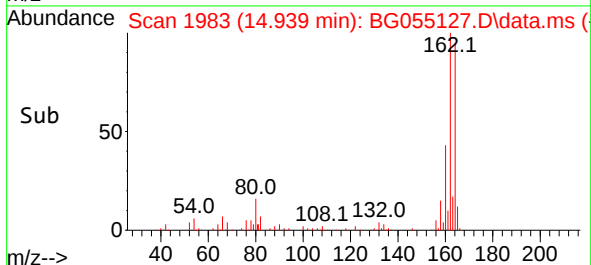
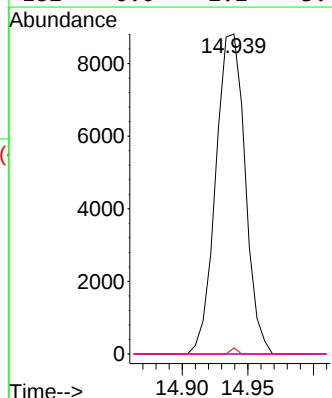
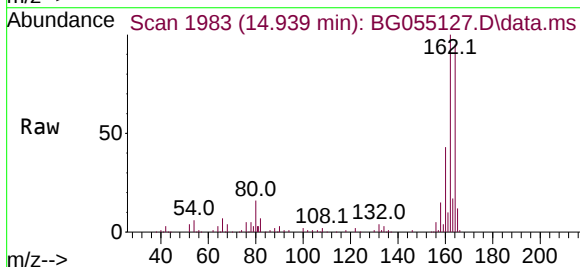
Instrument :
BNA_G
ClientSampleId :
510A-2DL

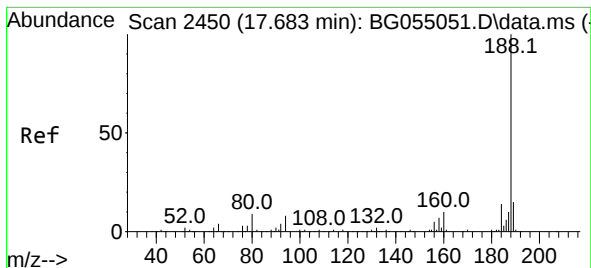
Tgt Ion:165 Resp: 13693
Ion Ratio Lower Upper
165 100
63 0.0 56.2 84.4#
89 1.9 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 10.023 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.343 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Tgt Ion:165 Resp: 13693
Ion Ratio Lower Upper
165 100
63 0.0 44.2 66.2#
89 1.9 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.671 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

Instrument :

BNA_G

ClientSampleId :

510A-2DL

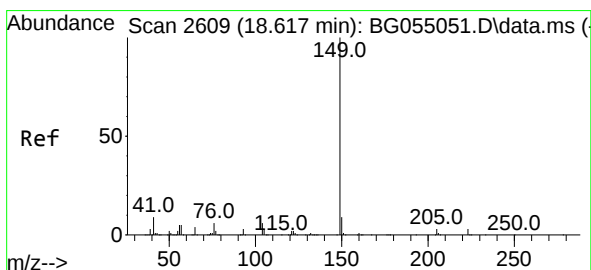
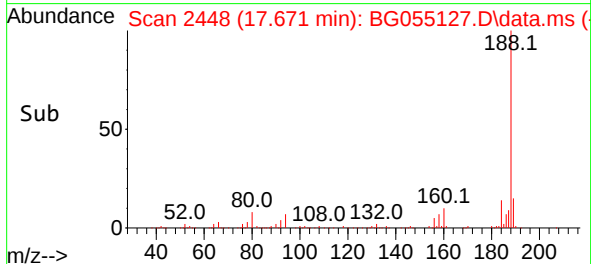
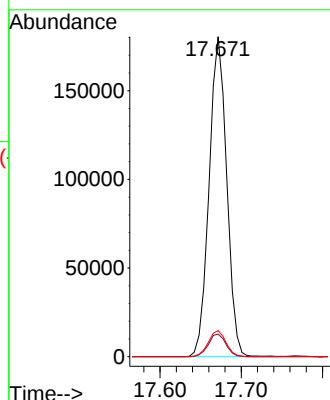
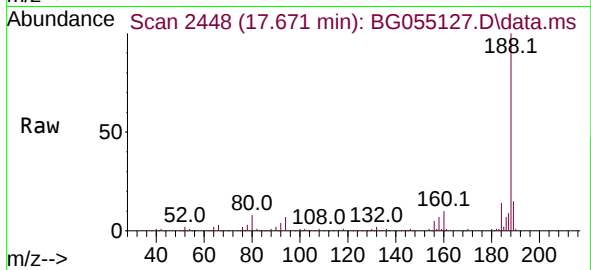
Tgt Ion:188 Resp: 271084

Ion Ratio Lower Upper

188 100

94 7.1 6.2 9.2

80 8.1 7.2 10.8



#74

Di-n-butylphthalate

Concen: 41.636 ng

RT: 18.606 min Scan# 2607

Delta R.T. -0.002 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

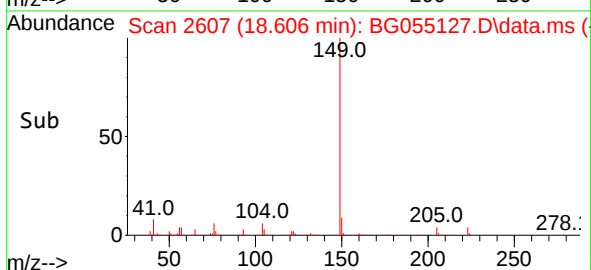
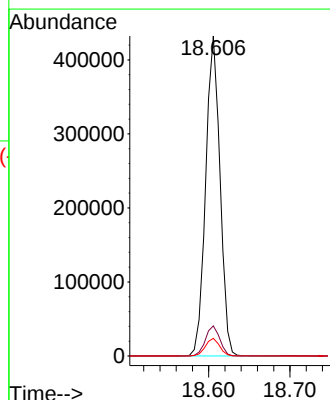
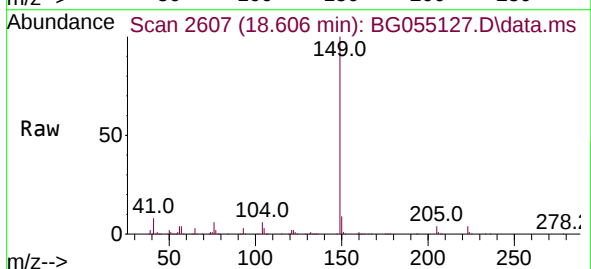
Tgt Ion:149 Resp: 528354

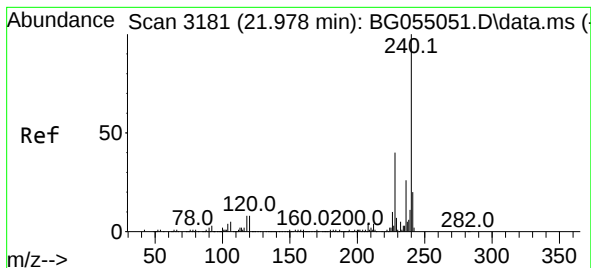
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.5 4.8 7.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.961 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

Instrument :

BNA_G

ClientSampleId :

510A-2DL

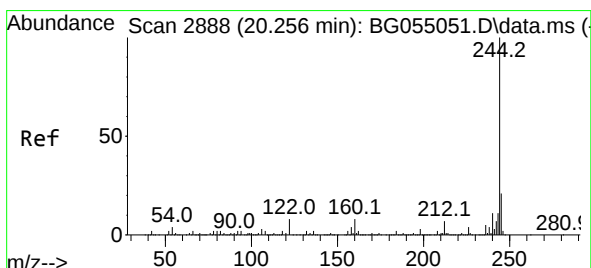
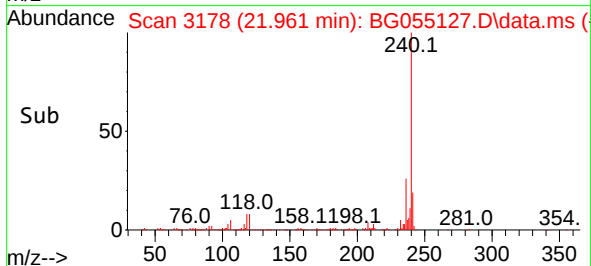
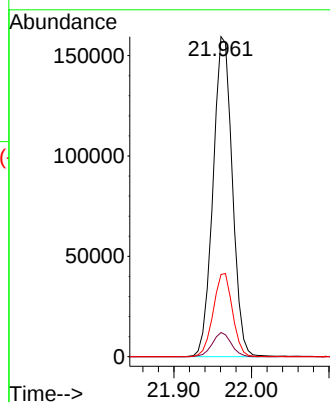
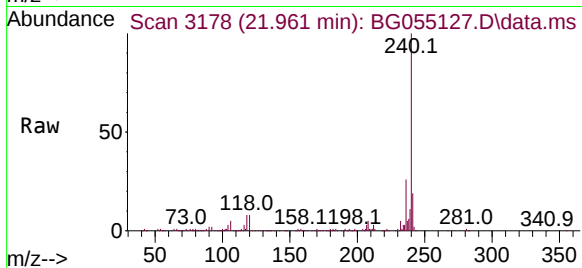
Tgt Ion:240 Resp: 275602

Ion Ratio Lower Upper

240 100

120 7.6 6.2 9.4

236 25.7 20.6 30.8



#79

Terphenyl-d14

Concen: 10.920 ng

RT: 20.245 min Scan# 2886

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

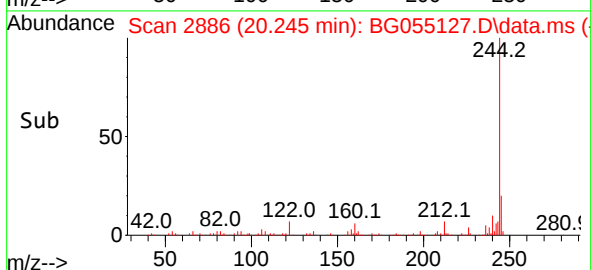
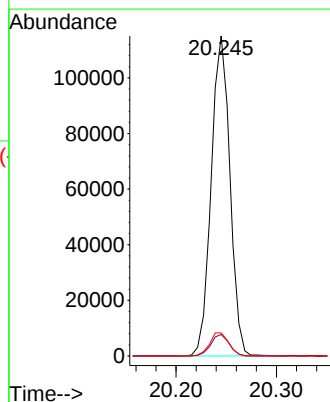
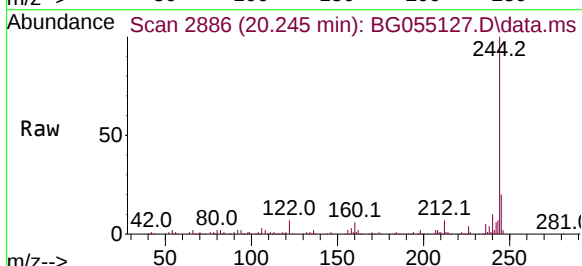
Tgt Ion:244 Resp: 148896

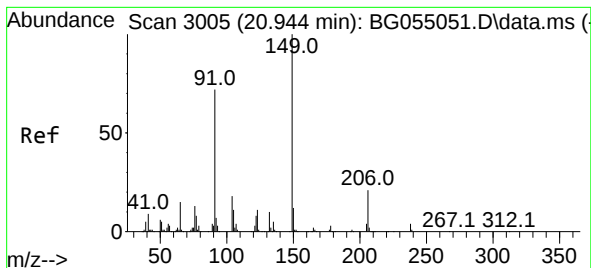
Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

122 7.2 6.6 10.0





#80

Butylbenzylphthalate

Concen: 4.848 ng

RT: 20.926 min Scan# 3005

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

Instrument :

BNA_G

ClientSampleId :

510A-2DL

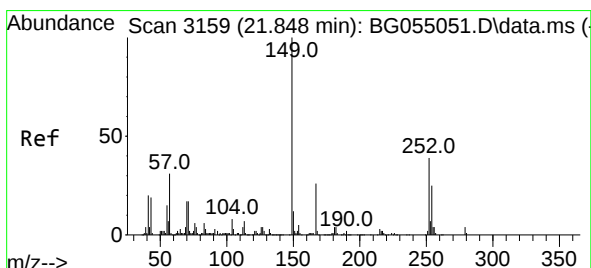
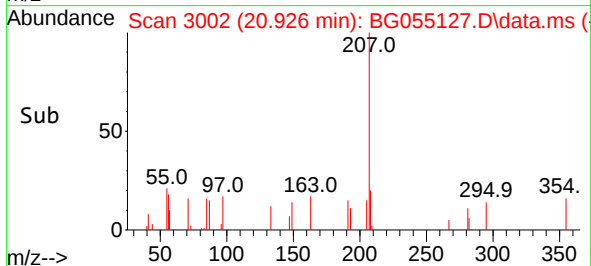
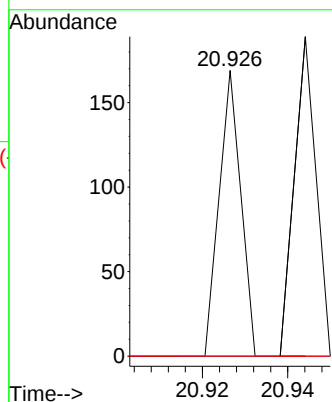
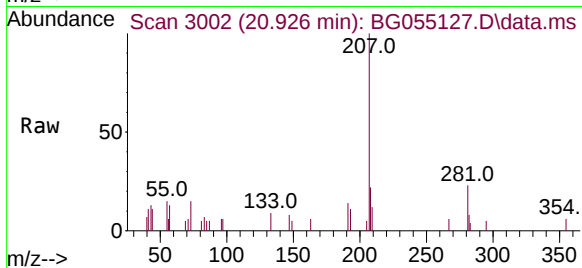
Tgt Ion:149 Resp: 60

Ion Ratio Lower Upper

149 100

91 0.0 57.8 86.8#

206 0.0 16.9 25.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.164 ng

RT: 21.825 min Scan# 3155

Delta R.T. -0.008 min

Lab File: BG055127.D

Acq: 11 Oct 2022 14:35

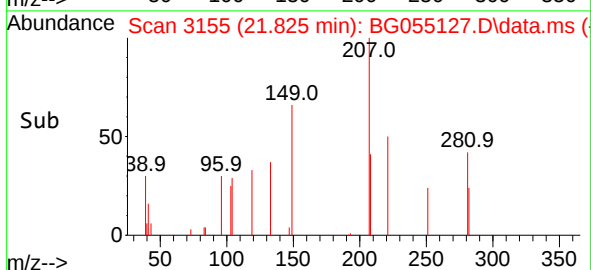
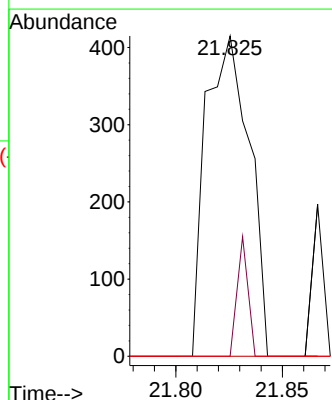
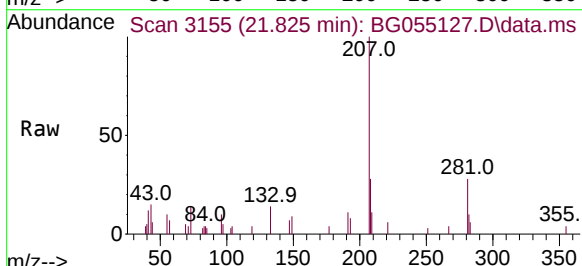
Tgt Ion:149 Resp: 588

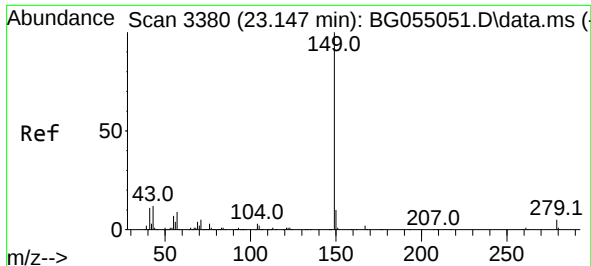
Ion Ratio Lower Upper

149 100

167 0.0 21.0 31.4#

279 0.0 3.4 5.2#

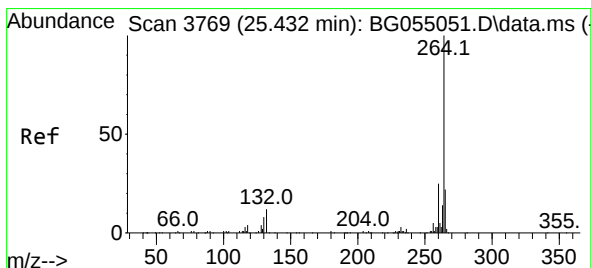
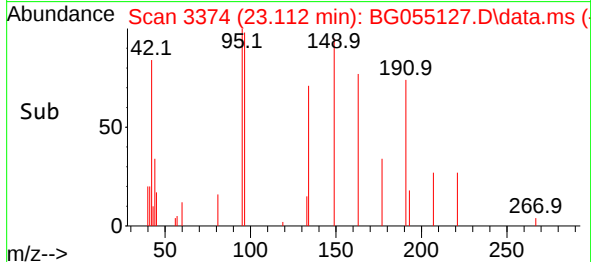
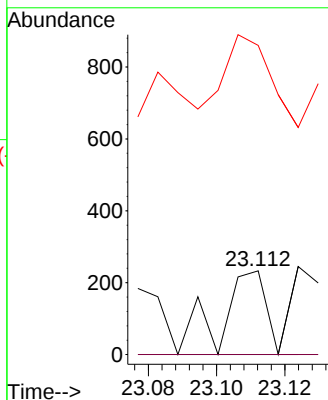
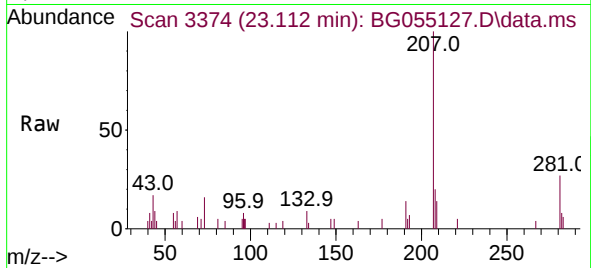




#85
Di-n-octyl phthalate
Concen: 4.354 ng
RT: 23.112 min Scan# 311
Delta R.T. -0.014 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Instrument :
BNA_G
ClientSampleId :
510A-2DL

Tgt Ion:149 Resp: 215
Ion Ratio Lower Upper
149 100
167 0.0 1.3 1.9#
43 119.5 10.2 15.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.409 min Scan# 3765
Delta R.T. -0.008 min
Lab File: BG055127.D
Acq: 11 Oct 2022 14:35

Tgt Ion:264 Resp: 291703
Ion Ratio Lower Upper
264 100
260 24.1 19.7 29.5
265 21.8 17.8 26.6

