

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055902.D
 Acq On : 6 Dec 2022 13:56
 Operator : CG/JU
 Sample : N5857-01DL 2X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-SAMPLE-TANK-10-11-12-31-33DL

Quant Time: Dec 07 05:09:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

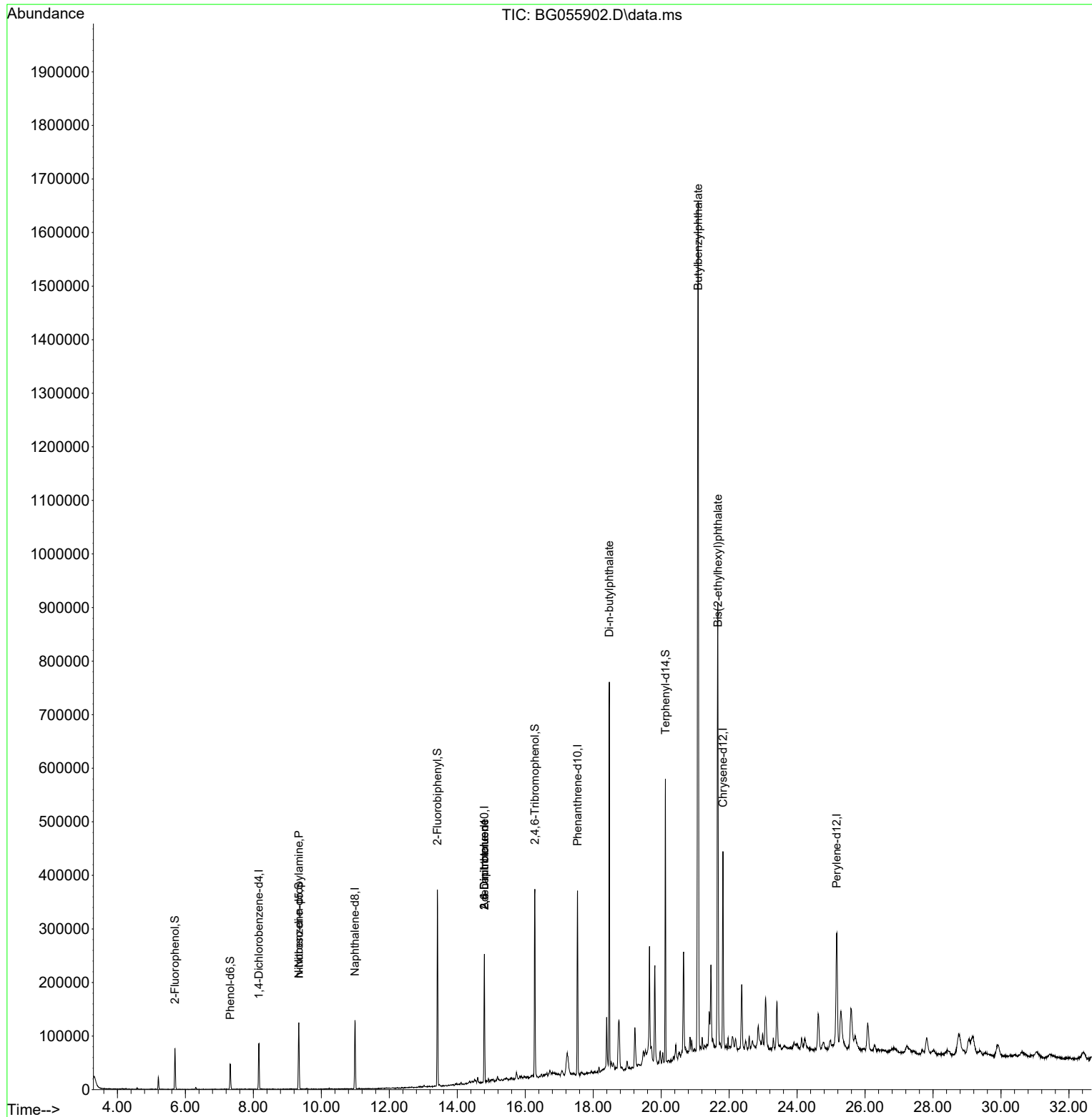
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.164	152	24036	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	103762	20.000	ng	0.00
39) Acenaphthene-d10	14.797	164	82358	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	228632	20.000	ng	0.00
76) Chrysene-d12	21.818	240	229632	20.000	ng	0.00
86) Perylene-d12	25.167	264	243789	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	32778	24.649	ng	0.00
7) Phenol-d6	7.318	99	26174	14.786	ng	0.00
23) Nitrobenzene-d5	9.339	82	70937	36.134	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	75262	64.897	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	185819	33.801	ng	0.00
79) Terphenyl-d14	20.126	244	260488	22.689	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.339	70	10060	7.397	ng	# 78
51) 2,6-Dinitrotoluene	14.797	165	10865	8.094	ng	# 24
57) 2,4-Dinitrotoluene	14.797	165	10865	5.741	ng	# 22
74) Di-n-butylphthalate	18.475	149	510708	38.165	ng	# 99
80) Butylbenzylphthalate	21.090	149	335056	55.064	ng	# 26
84) Bis(2-ethylhexyl)phtha...	21.672	149	39870	4.559	ng	# 81

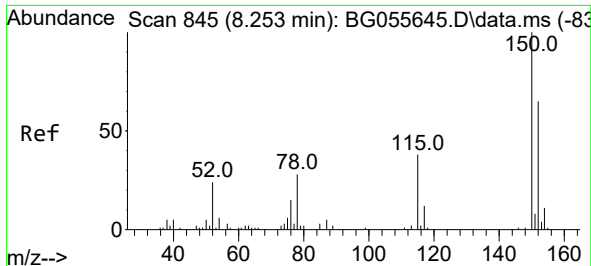
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
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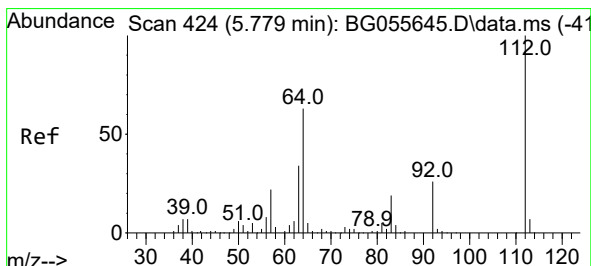
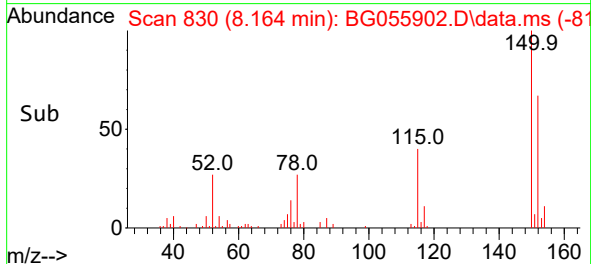
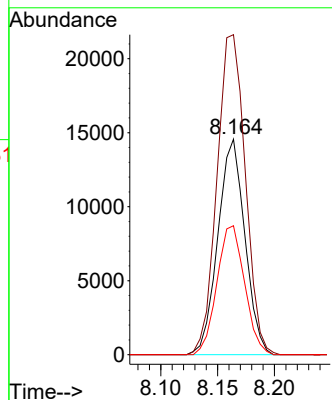
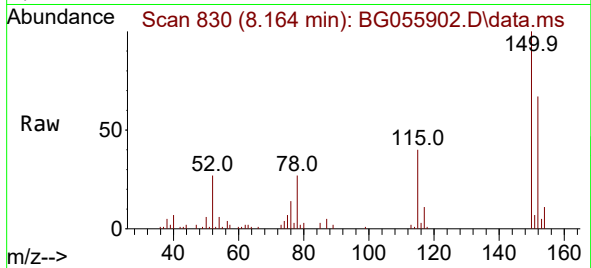




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.164 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

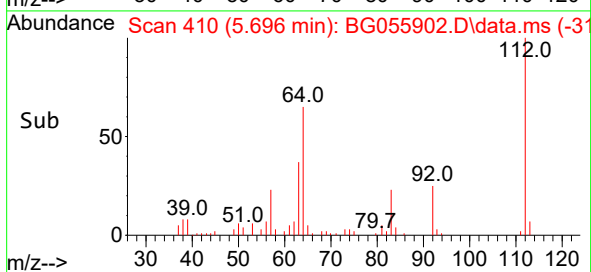
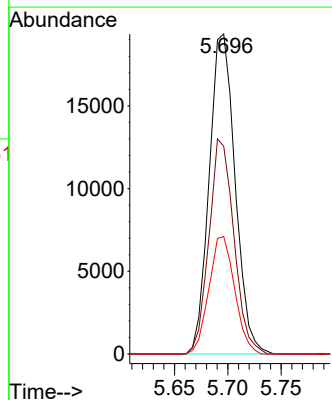
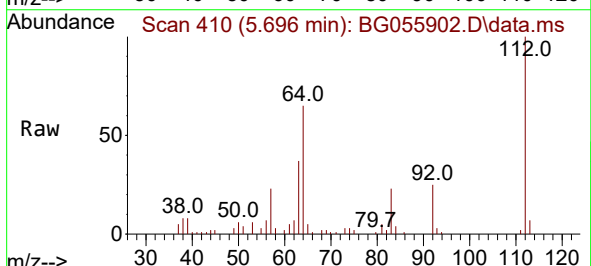
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33DL

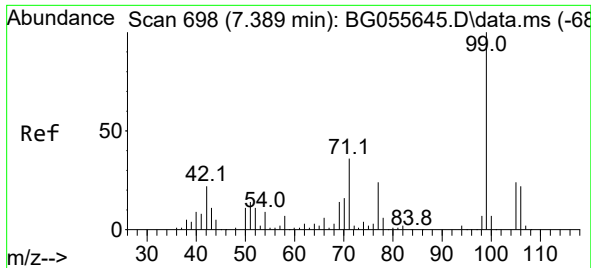
Tgt Ion:152 Resp: 24036
Ion Ratio Lower Upper
152 100
150 148.5 123.0 184.6
115 59.8 47.0 70.4



#5
2-Fluorophenol
Concen: 24.649 ng
RT: 5.696 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

Tgt Ion:112 Resp: 32778
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 36.7 27.5 41.3

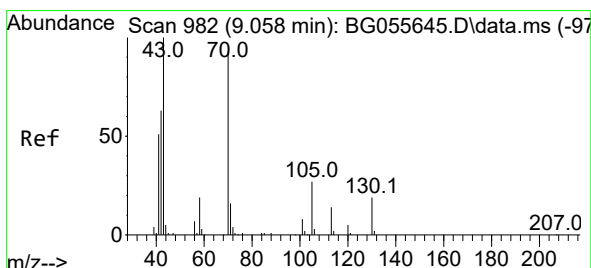
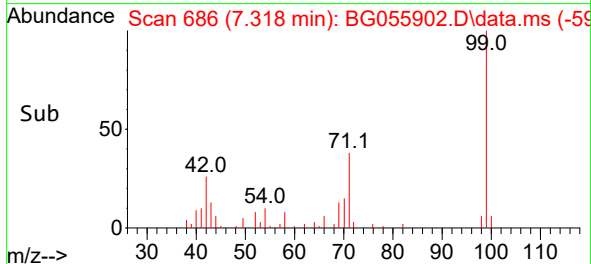
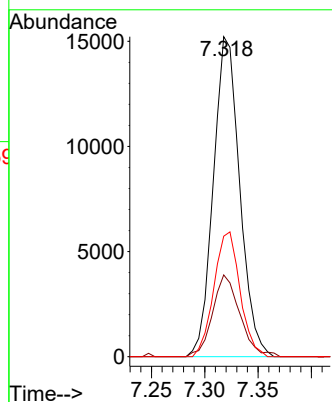
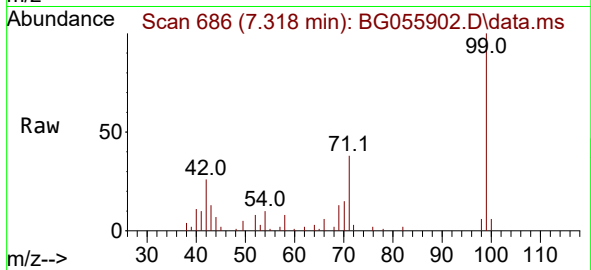




#7
Phenol-d6
Concen: 14.786 ng
RT: 7.318 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

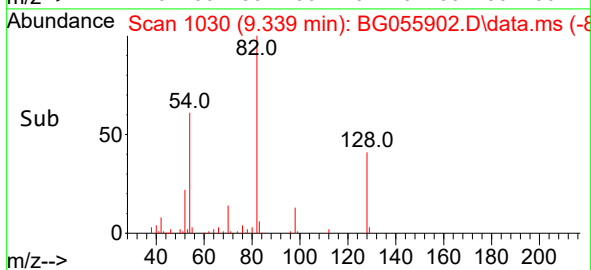
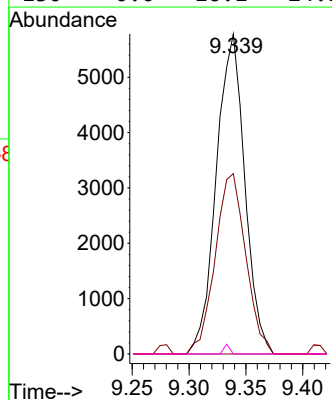
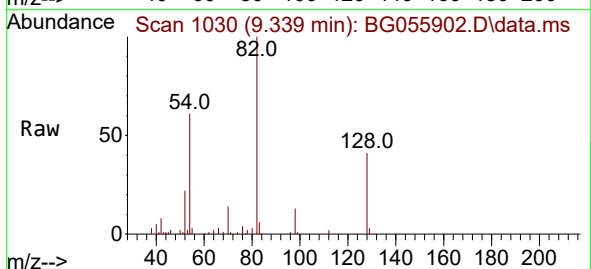
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33DL

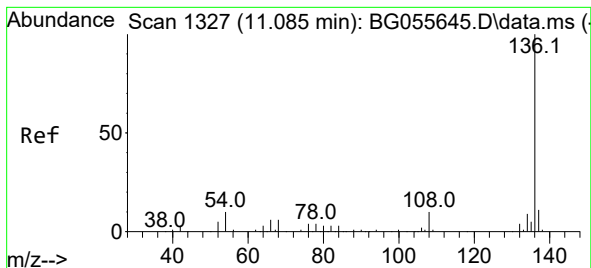
Tgt Ion: 99 Resp: 26174
Ion Ratio Lower Upper
99 100
42 25.5 18.0 27.0
71 37.6 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 7.397 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.366 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

Tgt Ion: 70 Resp: 10060
Ion Ratio Lower Upper
70 100
42 56.3 55.2 82.8
101 0.0 7.1 10.7#
130 0.0 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.990 min Scan# 11

Delta R.T. -0.004 min

Lab File: BG055902.D

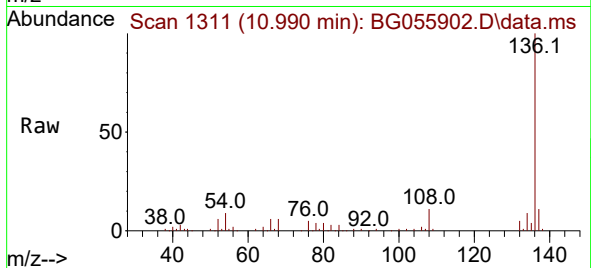
Acq: 6 Dec 2022 13:56

Instrument :

BNA_G

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33DL



Tgt Ion:136 Resp: 103762

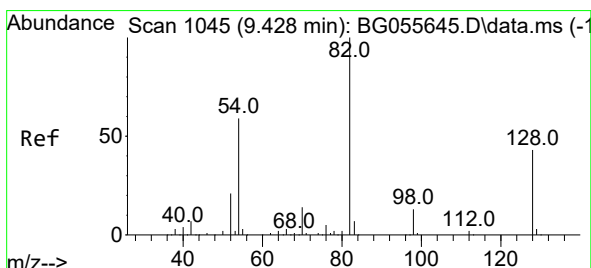
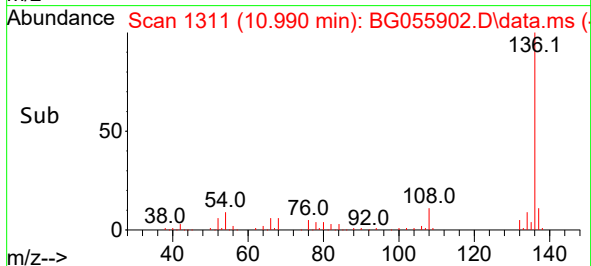
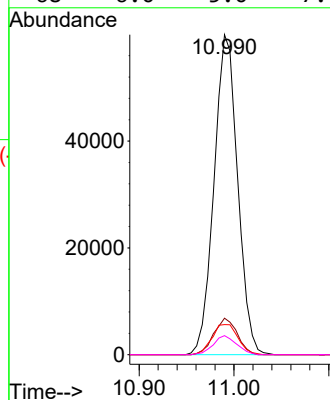
Ion Ratio Lower Upper

136 100

137 11.4 9.0 13.6

54 9.4 7.8 11.6

68 6.0 5.0 7.4



#23

Nitrobenzene-d5

Concen: 36.134 ng

RT: 9.339 min Scan# 1030

Delta R.T. -0.004 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

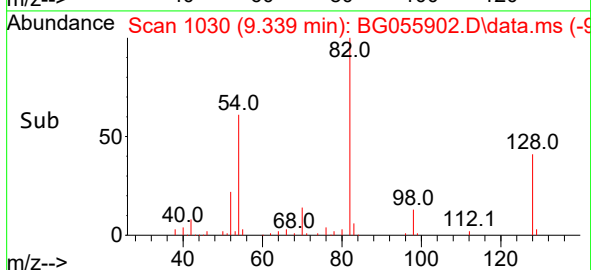
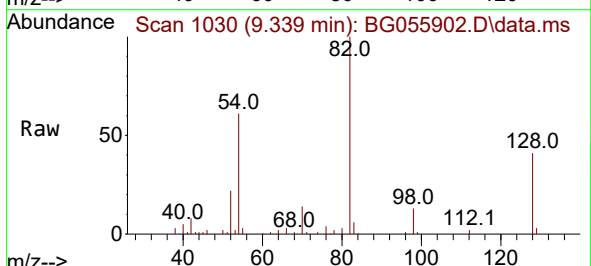
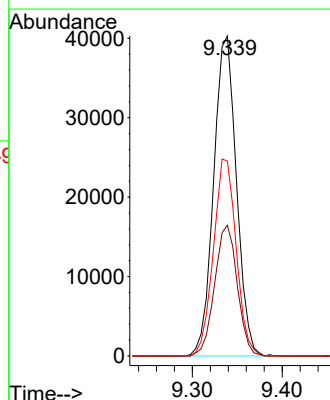
Tgt Ion: 82 Resp: 70937

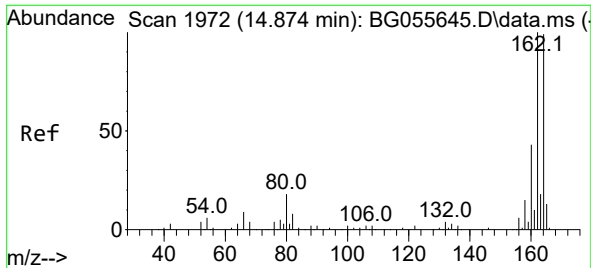
Ion Ratio Lower Upper

82 100

128 40.8 34.1 51.1

54 60.9 47.3 70.9

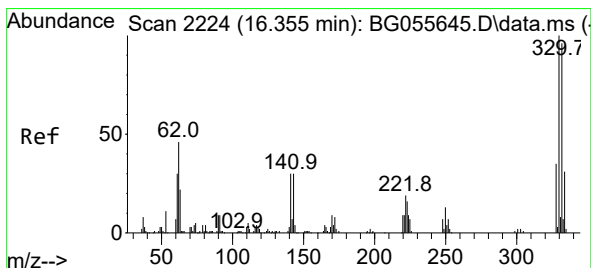
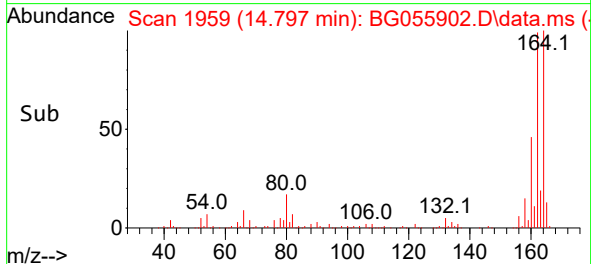
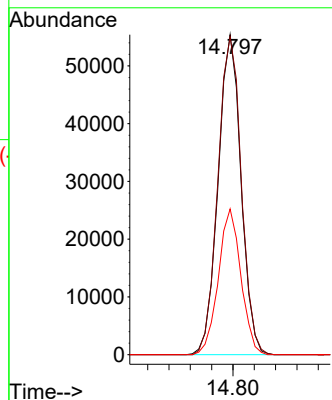
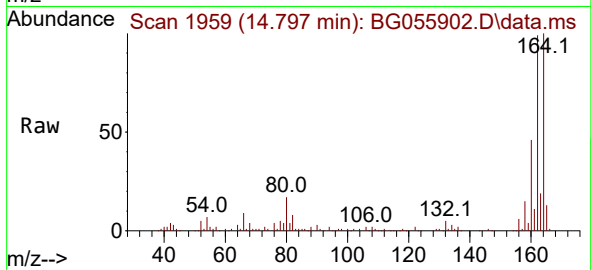




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.797 min Scan# 1959
Delta R.T. -0.004 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

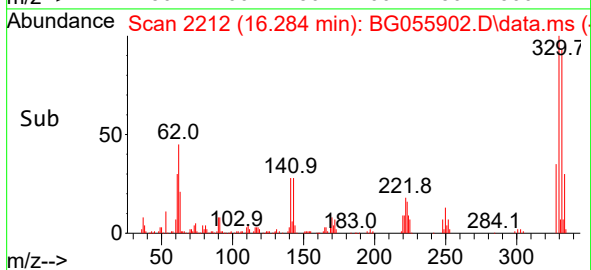
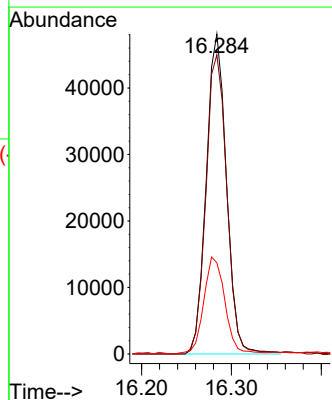
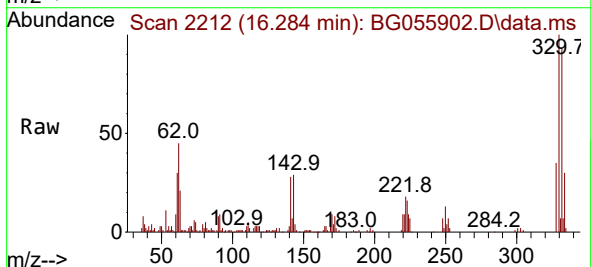
Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33DL

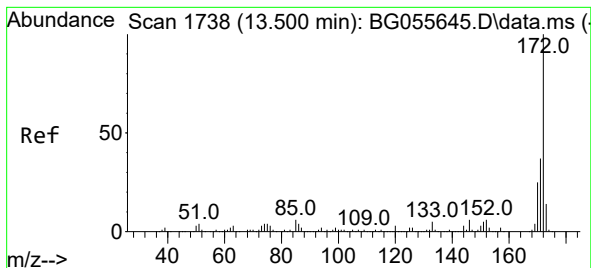
Tgt Ion:164 Resp: 82358
Ion Ratio Lower Upper
164 100
162 99.4 81.1 121.7
160 45.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 64.897 ng
RT: 16.284 min Scan# 2212
Delta R.T. -0.004 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

Tgt Ion:330 Resp: 75262
Ion Ratio Lower Upper
330 100
332 96.4 77.8 116.8
141 31.7 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 33.801 ng

RT: 13.417 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

Instrument :

BNA_G

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33DL

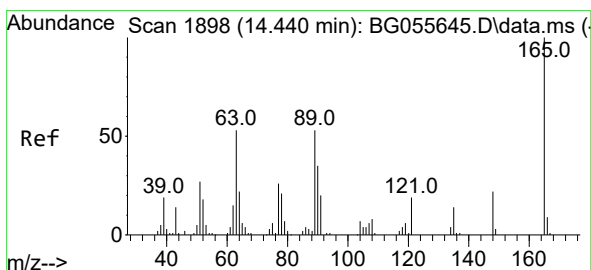
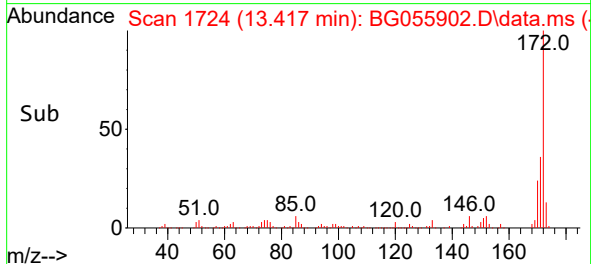
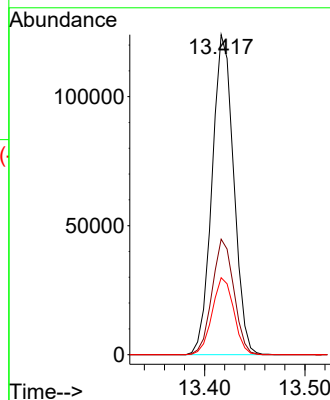
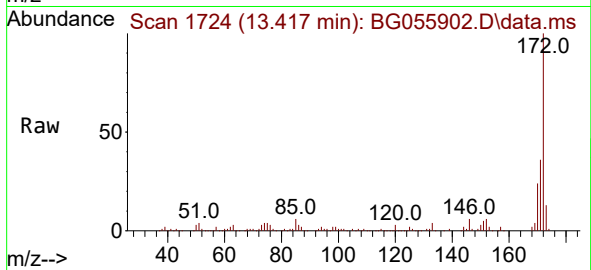
Tgt Ion:172 Resp: 185819

Ion Ratio Lower Upper

172 100

171 36.1 29.8 44.6

170 24.1 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 8.094 ng

RT: 14.797 min Scan# 1959

Delta R.T. 0.425 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

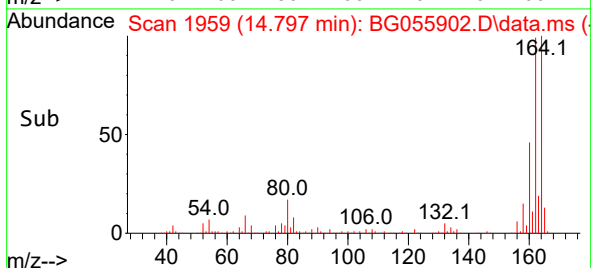
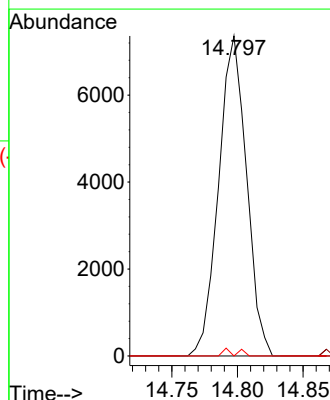
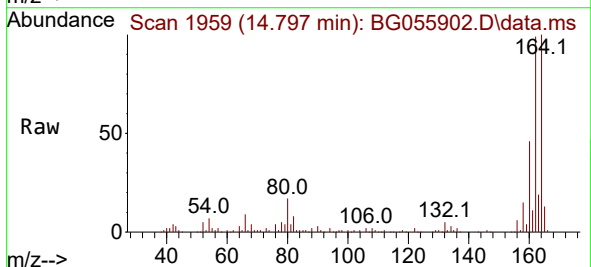
Tgt Ion:165 Resp: 10865

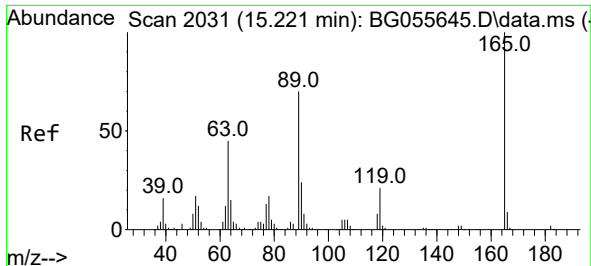
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.741 ng

RT: 14.797 min Scan# 1959

Delta R.T. -0.368 min

Lab File: BG055902.D

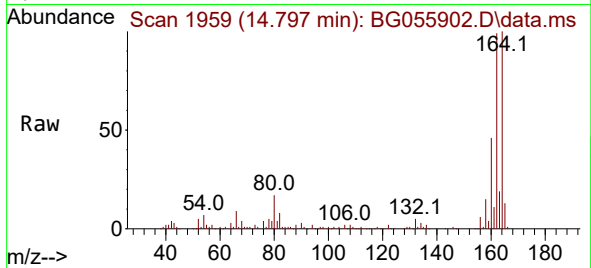
Acq: 6 Dec 2022 13:56

Instrument :

BNA_G

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33DL



Tgt Ion:165 Resp: 10865

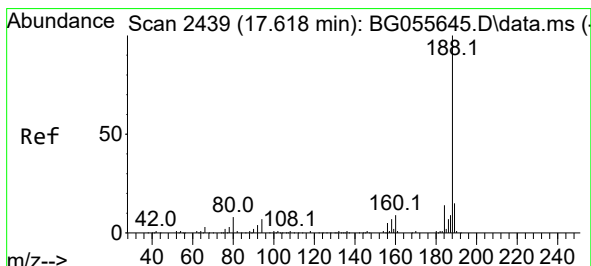
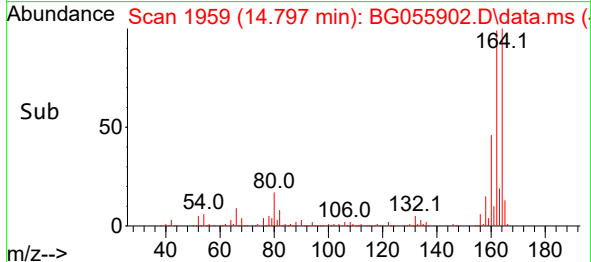
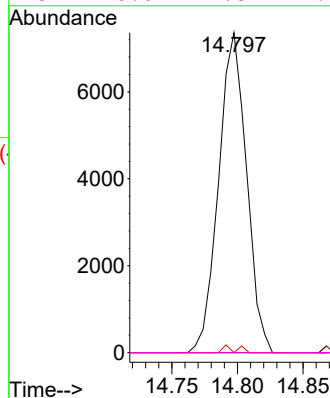
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.541 min Scan# 2426

Delta R.T. -0.004 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

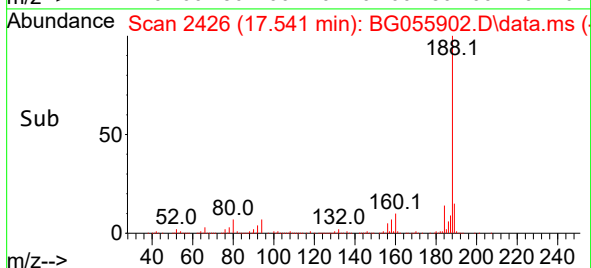
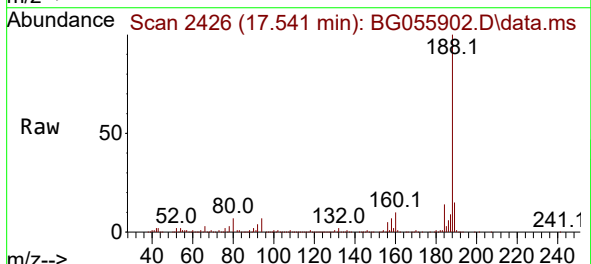
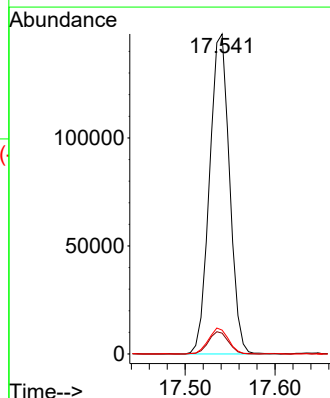
Tgt Ion:188 Resp: 228632

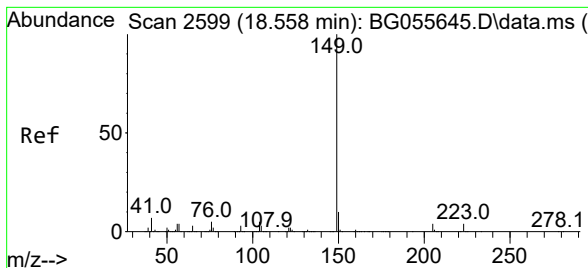
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.4 6.6 10.0





#74

Di-n-butylphthalate

Concen: 38.165 ng

RT: 18.475 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

Instrument :

BNA_G

ClientSampleId :

COMP-SAMPLE-TANK-10-11-12-31-33DL

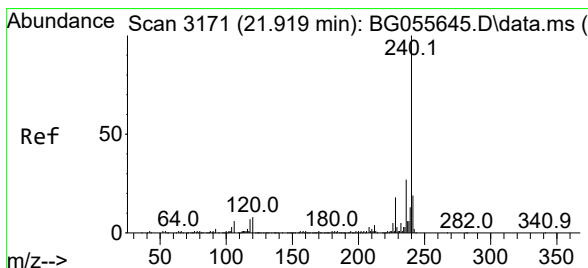
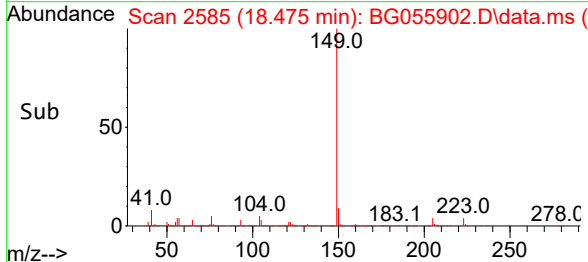
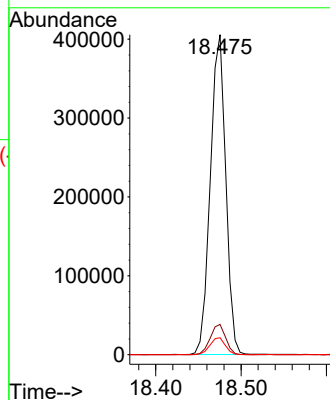
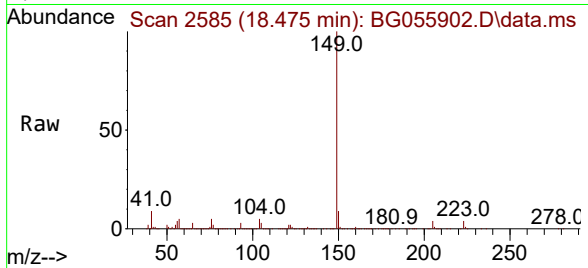
Tgt Ion:149 Resp: 510708

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.6

104 5.3 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.818 min Scan# 3154

Delta R.T. -0.010 min

Lab File: BG055902.D

Acq: 6 Dec 2022 13:56

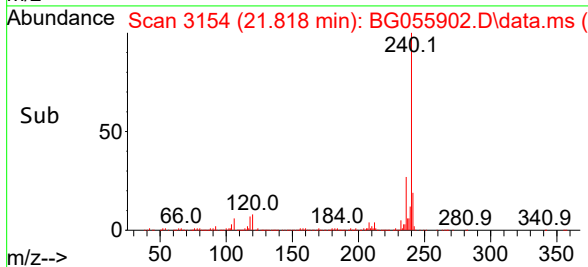
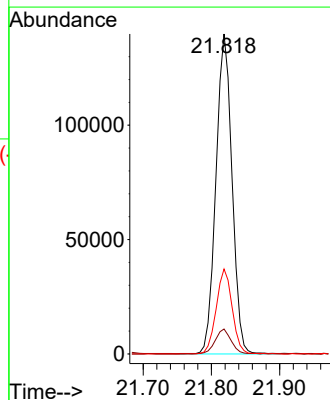
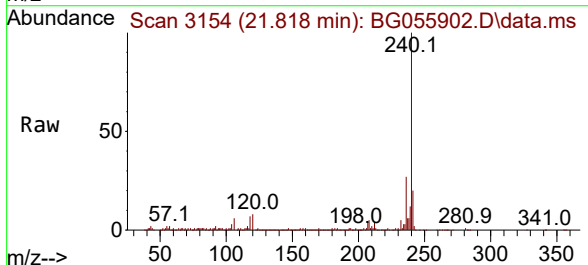
Tgt Ion:240 Resp: 229632

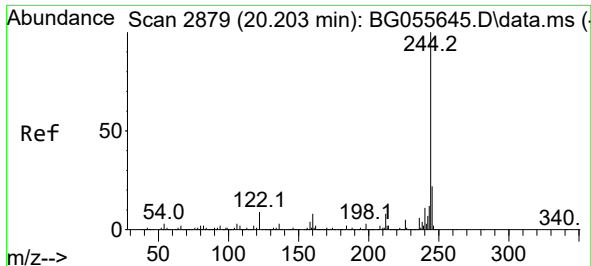
Ion Ratio Lower Upper

240 100

120 7.8 6.3 9.5

236 26.5 21.9 32.9

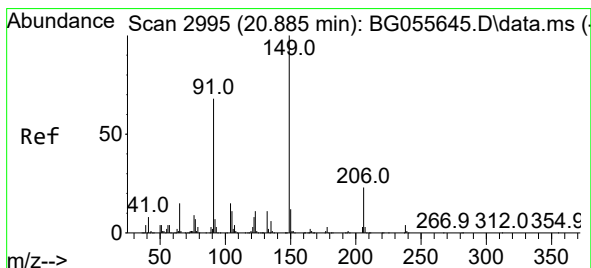
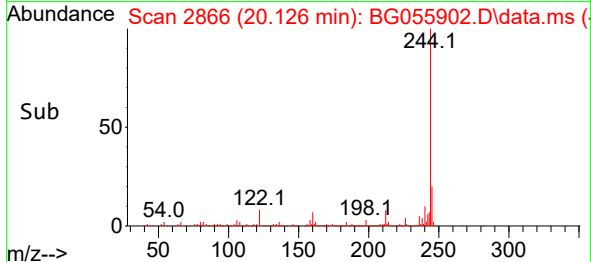
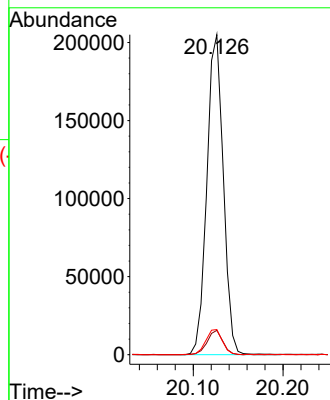
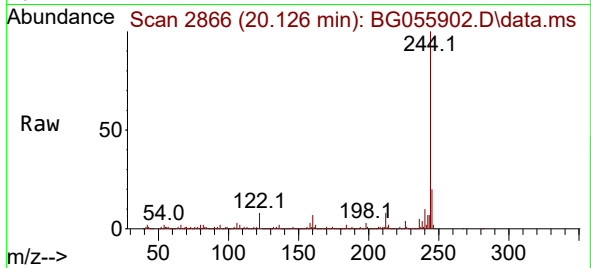




#79
 Terphenyl-d14
 Concen: 22.689 ng
 RT: 20.126 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055902.D
 Acq: 6 Dec 2022 13:56

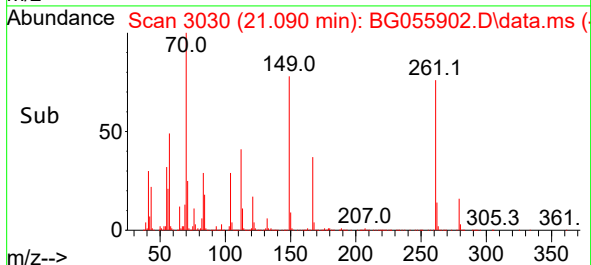
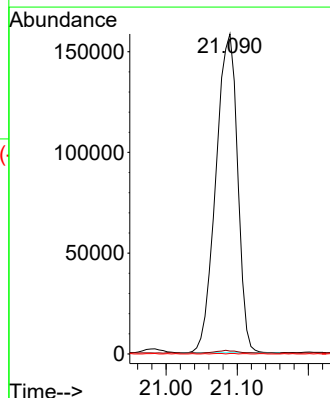
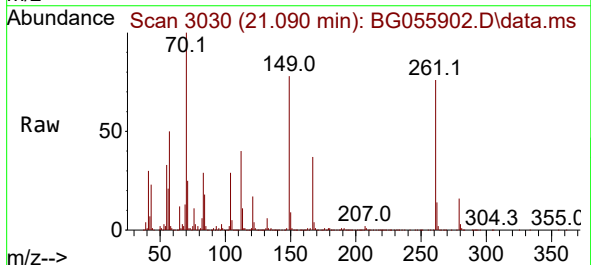
Instrument :
 BNA_G
 ClientSampleId :
 COMP-SAMPLE-TANK-10-11-12-31-33DL

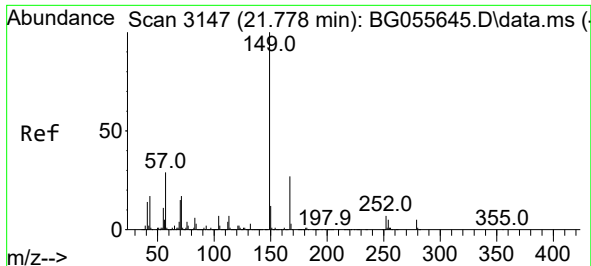
Tgt Ion:244 Resp: 260488
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 7.8 6.9 10.3



#80
 Butylbenzylphthalate
 Concen: 55.064 ng
 RT: 21.090 min Scan# 3030
 Delta R.T. 0.284 min
 Lab File: BG055902.D
 Acq: 6 Dec 2022 13:56

Tgt Ion:149 Resp: 335056
 Ion Ratio Lower Upper
 149 100
 91 0.9 54.6 81.8#
 206 0.1 18.3 27.5#

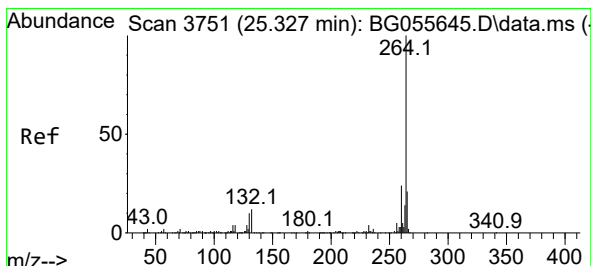
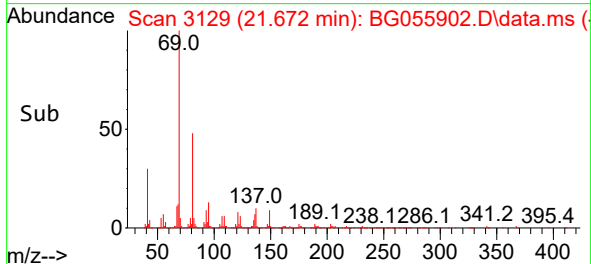
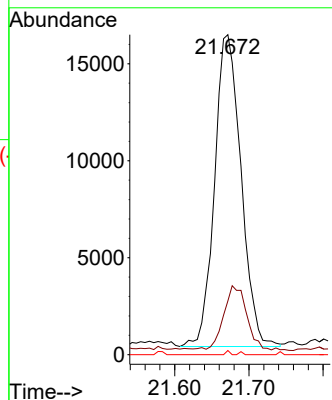
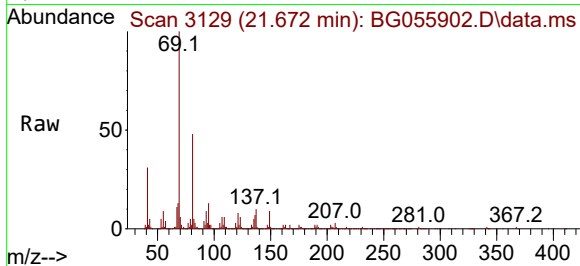




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.559 ng
RT: 21.672 min Scan# 3147
Delta R.T. 0.002 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

Instrument :
BNA_G
ClientSampleId :
COMP-SAMPLE-TANK-10-11-12-31-33DL

Tgt Ion:149 Resp: 39870
Ion Ratio Lower Upper
149 100
167 16.8 22.0 33.0#
279 1.3 3.7 5.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.167 min Scan# 3724
Delta R.T. -0.010 min
Lab File: BG055902.D
Acq: 6 Dec 2022 13:56

Tgt Ion:264 Resp: 243789
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 22.3 17.1 25.7

