

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
 Data File : BG055923.D
 Acq On : 7 Dec 2022 21:09
 Operator : CG/JU
 Sample : N5899-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Quant Time: Dec 08 05:09:51 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)

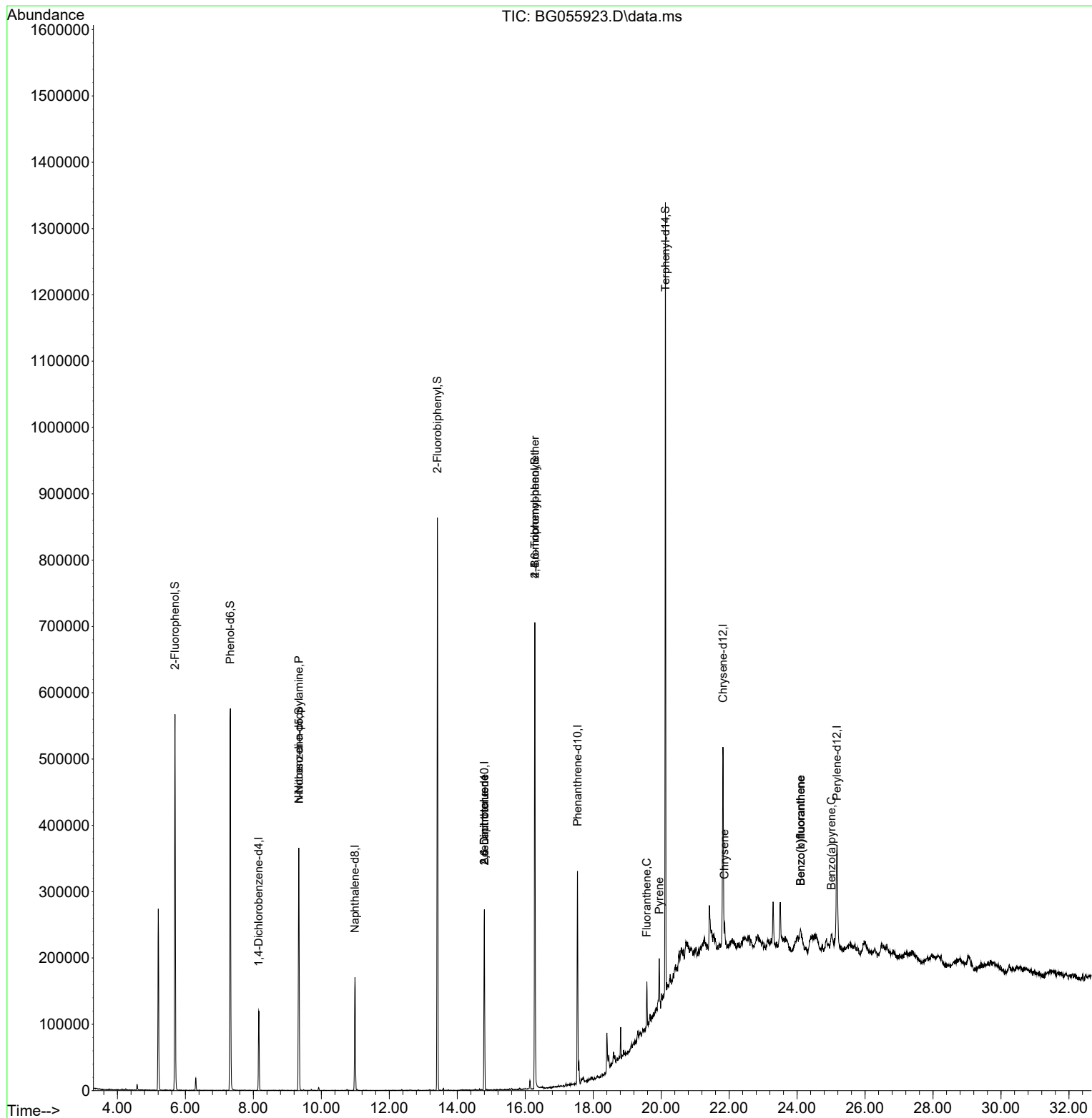
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.158	152	34117	20.000	ng	0.00
21) Naphthalene-d8	10.990	136	145843	20.000	ng	0.00
39) Acenaphthene-d10	14.797	164	95659	20.000	ng	0.00
64) Phenanthrene-d10	17.541	188	208317	20.000	ng	0.00
76) Chrysene-d12	21.819	240	180425	20.000	ng	0.00
86) Perylene-d12	25.174	264	205717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	238428	126.319	ng	0.00
7) Phenol-d6	7.324	99	320913	127.723	ng	0.00
23) Nitrobenzene-d5	9.339	82	210559	76.308	ng	0.00
42) 2,4,6-Tribromophenol	16.284	330	148138	109.976	ng	0.00
45) 2-Fluorobiphenyl	13.417	172	444301	69.582	ng	0.00
79) Terphenyl-d14	20.126	244	576691	63.930	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.339	70	29230	15.141	ng	# 77
51) 2,6-Dinitrotoluene	14.797	165	12423	7.968	ng	# 26
57) 2,4-Dinitrotoluene	14.797	165	12423	5.651	ng	# 24
67) 4-Bromophenyl-phenylether	16.284	248	9448	3.981	ng	# 1
75) Fluoranthene	19.580	202	40075	2.930	ng	98
78) Pyrene	19.944	202	46308	3.792	ng	100
83) Chrysene	21.866	228	24091	2.036	ng	93
88) Benzo(b)fluoranthene	24.104	252	29052	2.168	ng	# 67
89) Benzo(k)fluoranthene	24.104	252	29052	2.175	ng	# 66
90) Benzo(a)pyrene	25.009	252	23377	2.033	ng	# 82

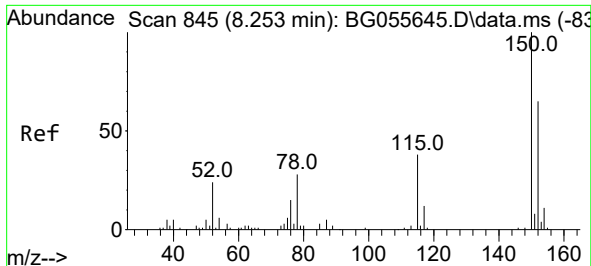
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
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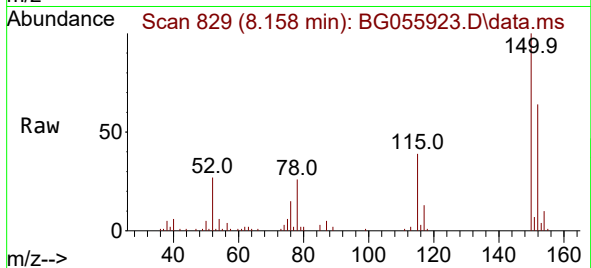
Quant Time: Dec 08 05:09:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
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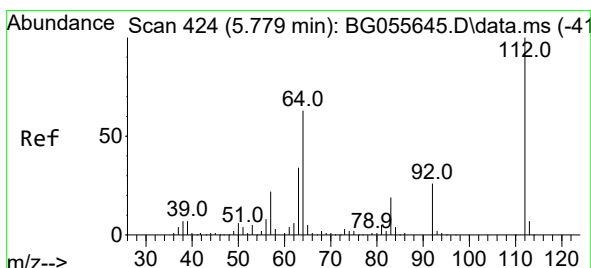
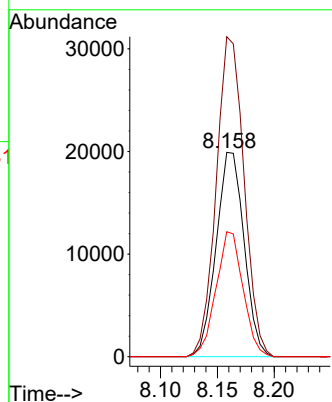
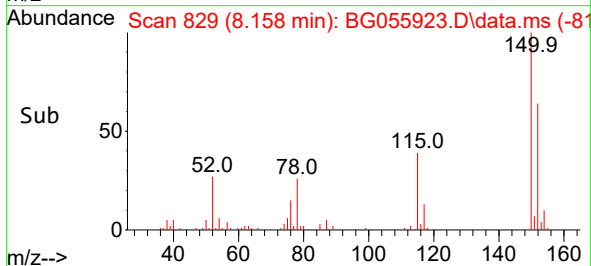


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.158 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

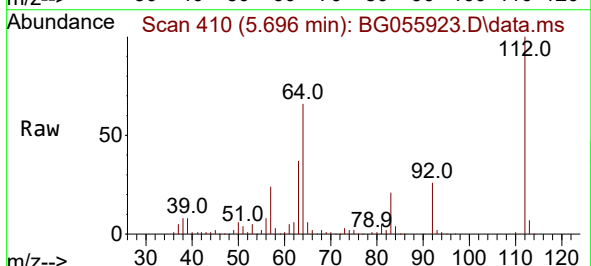
Instrument :
BNA_G
ClientSampleId :
TP-30



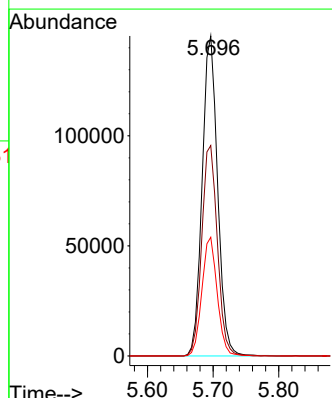
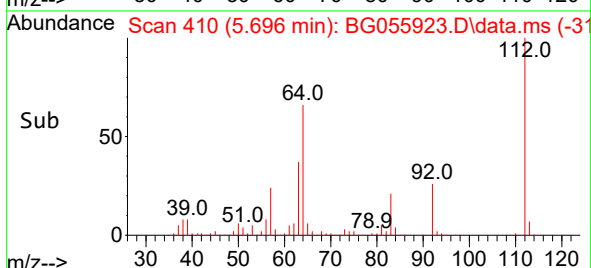
Tgt Ion:152 Resp: 34117
Ion Ratio Lower Upper
152 100
150 156.6 123.0 184.6
115 61.1 47.0 70.4

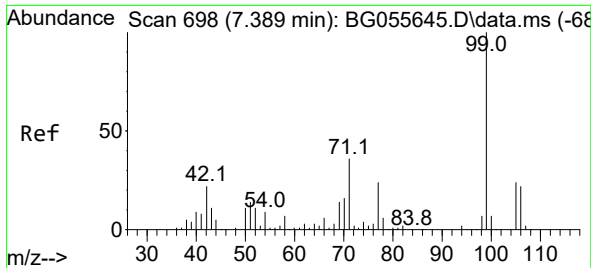


#5
2-Fluorophenol
Concen: 126.319 ng
RT: 5.696 min Scan# 410
Delta R.T. 0.002 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09



Tgt Ion:112 Resp: 238428
Ion Ratio Lower Upper
112 100
64 65.7 50.6 76.0
63 37.1 27.5 41.3

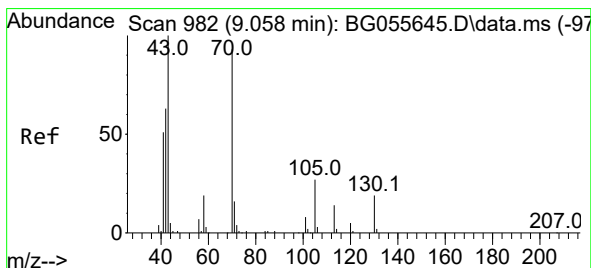
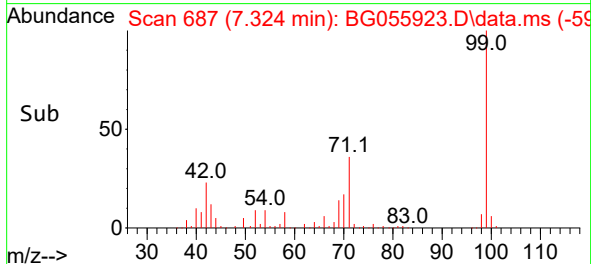
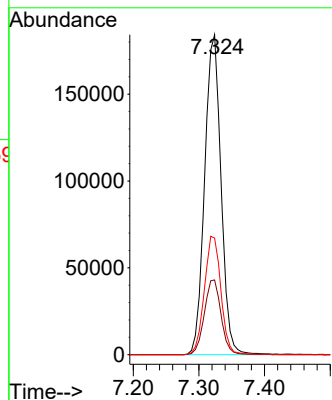
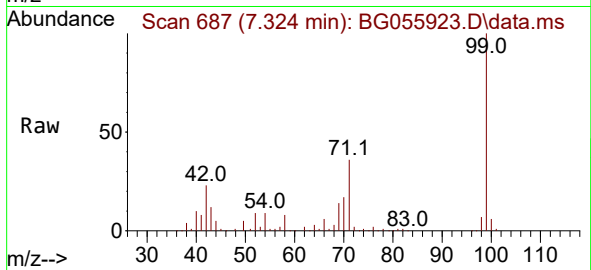




#7
Phenol-d6
Concen: 127.723 ng
RT: 7.324 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

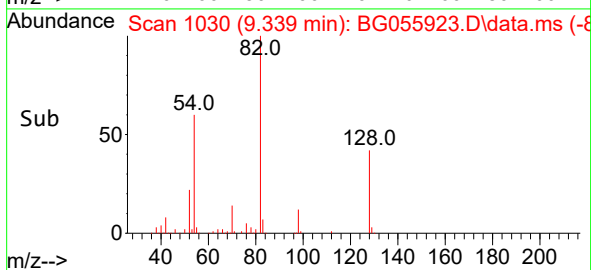
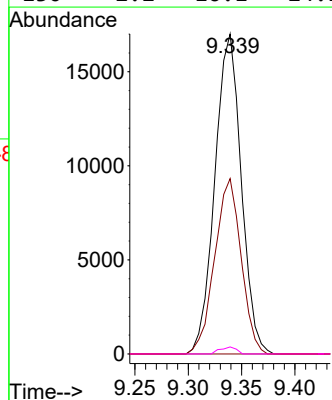
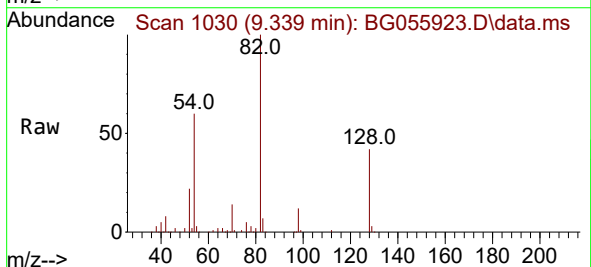
Instrument :
BNA_G
ClientSampleId :
TP-30

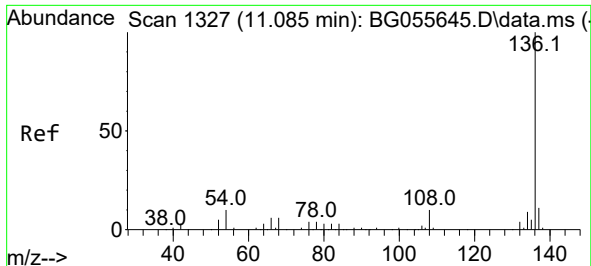
Tgt Ion: 99 Resp: 320913
Ion Ratio Lower Upper
99 100
42 23.4 18.0 27.0
71 36.4 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 15.141 ng
RT: 9.339 min Scan# 1030
Delta R.T. 0.366 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion: 70 Resp: 29230
Ion Ratio Lower Upper
70 100
42 54.8 55.2 82.8#
101 0.0 7.1 10.7#
130 2.2 16.1 24.1#

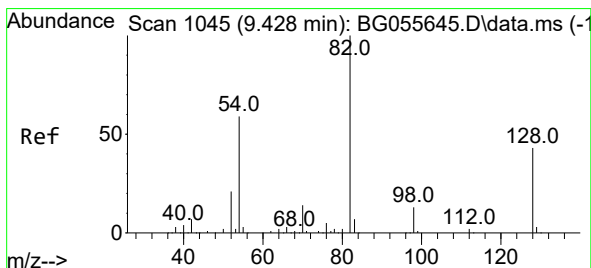
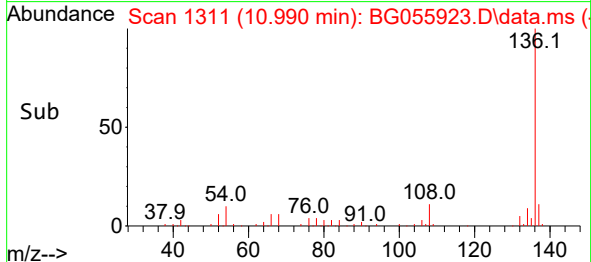
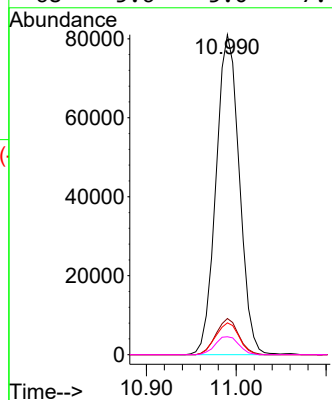
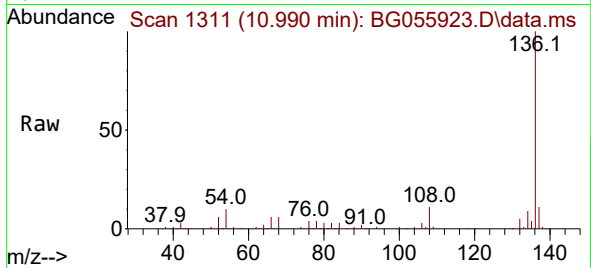




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.990 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

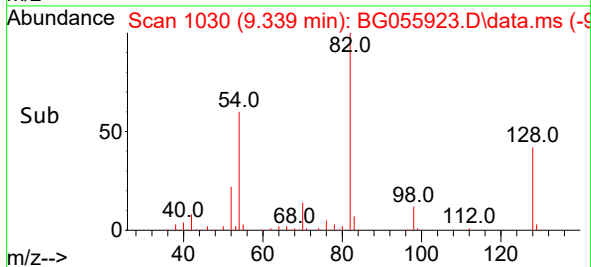
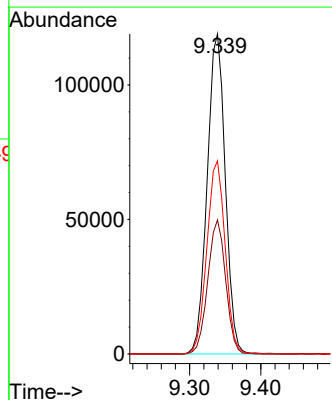
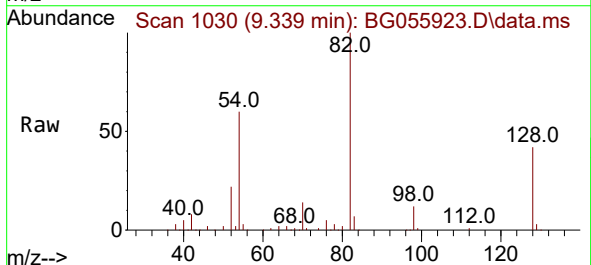
Instrument :
BNA_G
ClientSampleId :
TP-30

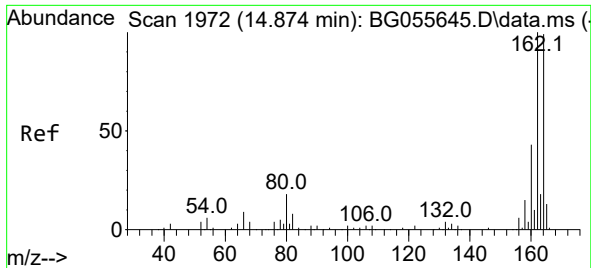
Tgt Ion:136 Resp: 145843
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 10.0 7.8 11.6
68 5.6 5.0 7.4



#23
Nitrobenzene-d5
Concen: 76.308 ng
RT: 9.339 min Scan# 1030
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion: 82 Resp: 210559
Ion Ratio Lower Upper
82 100
128 41.9 34.1 51.1
54 60.3 47.3 70.9

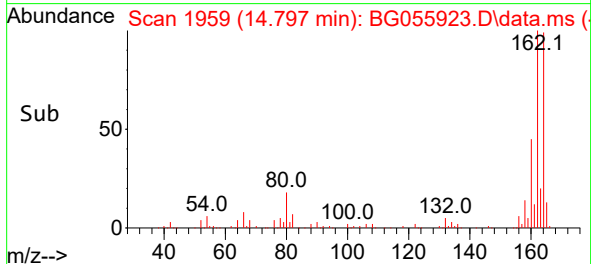
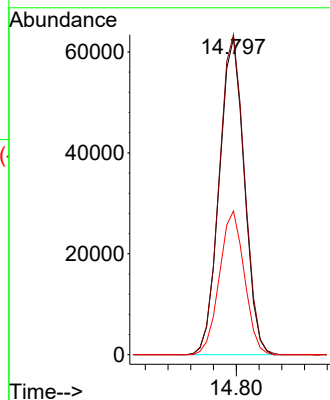
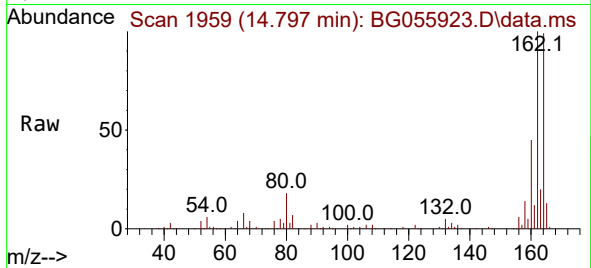




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.797 min Scan# 1959
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

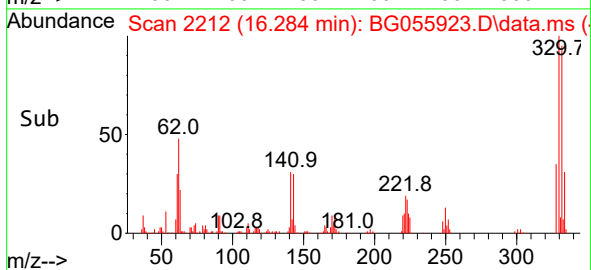
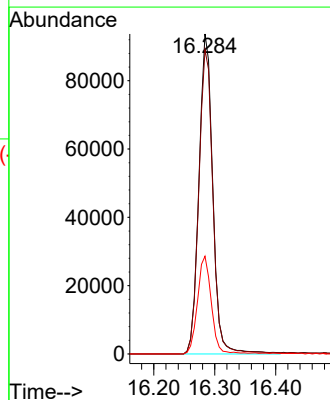
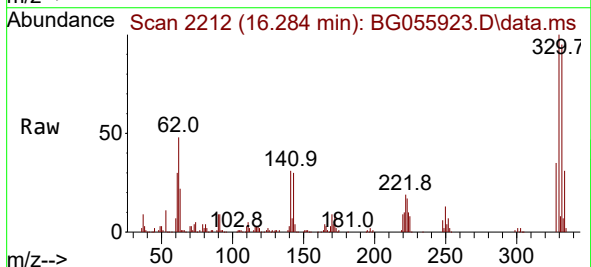
Instrument :
 BNA_G
 ClientSampleId :
 TP-30

Tgt Ion:164 Resp: 95659
 Ion Ratio Lower Upper
 164 100
 162 101.1 81.1 121.7
 160 45.4 34.8 52.2



#42
 2,4,6-Tribromophenol
 Concen: 109.976 ng
 RT: 16.284 min Scan# 2212
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

Tgt Ion:330 Resp: 148138
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.8 116.8
 141 30.4 23.9 35.9

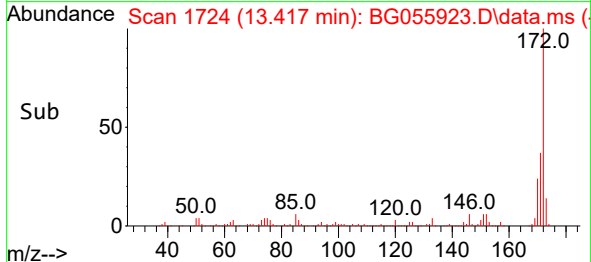
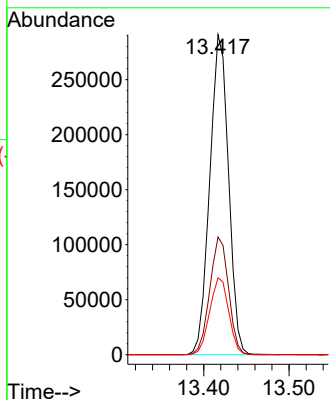
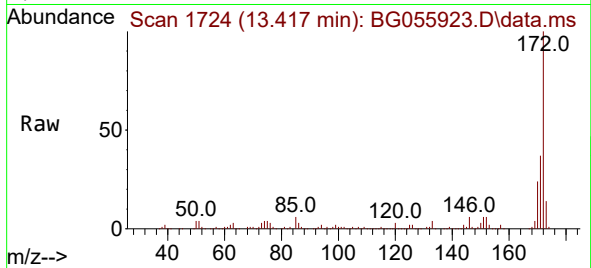




#45
2-Fluorobiphenyl
Concen: 69.582 ng
RT: 13.417 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

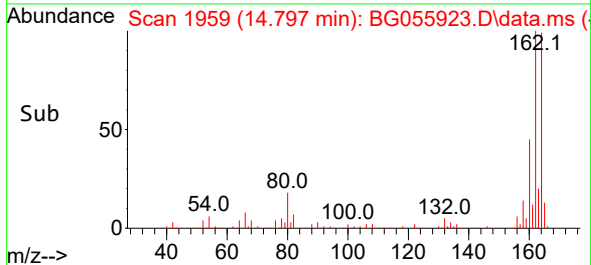
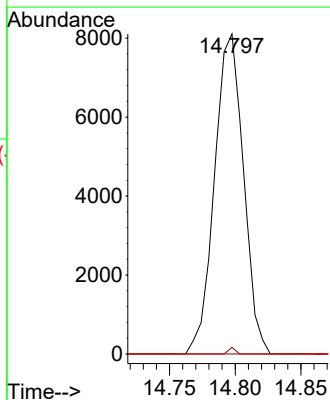
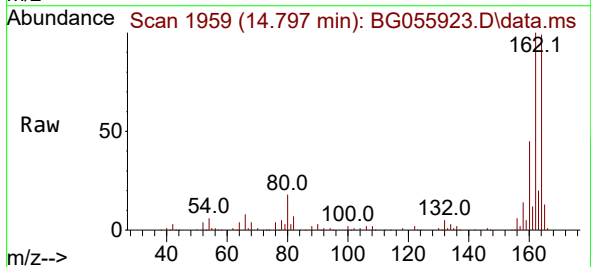
Instrument :
BNA_G
ClientSampleId :
TP-30

Tgt Ion:172 Resp: 444301
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.0 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.968 ng
RT: 14.797 min Scan# 1959
Delta R.T. 0.425 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:165 Resp: 12423
Ion Ratio Lower Upper
165 100
63 2.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.651 ng

RT: 14.797 min Scan# 1959

Delta R.T. -0.368 min

Lab File: BG055923.D

Acq: 7 Dec 2022 21:09

Instrument :

BNA_G

ClientSampleId :

TP-30

Tgt Ion:165 Resp: 12423

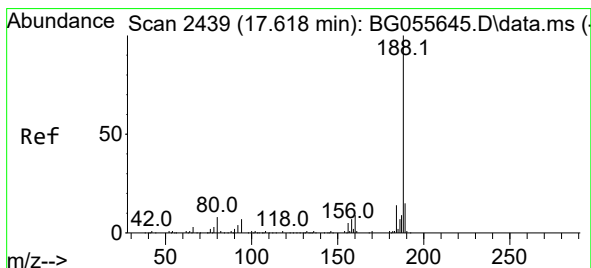
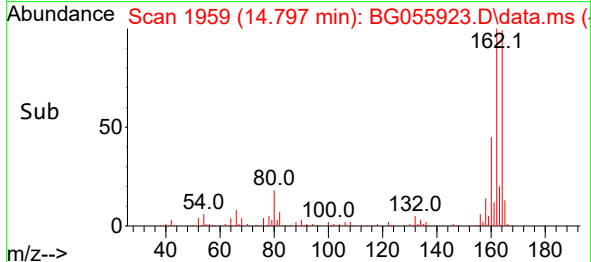
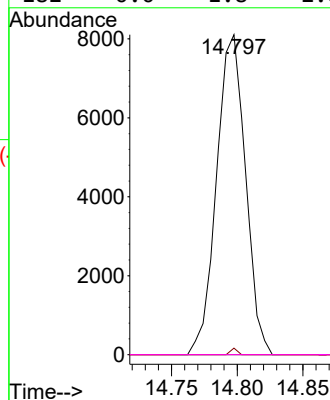
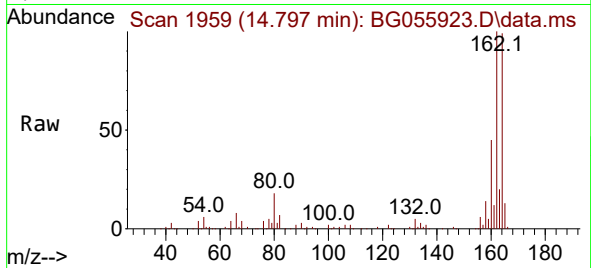
Ion Ratio Lower Upper

165 100

63 2.0 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: BG055923.D

Acq: 7 Dec 2022 21:09

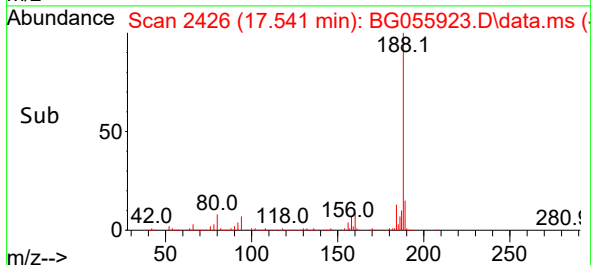
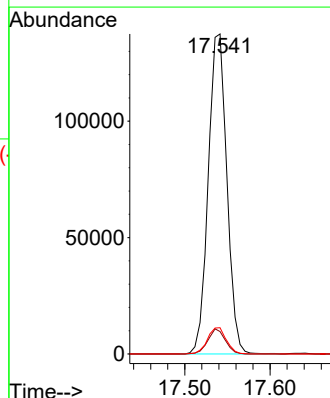
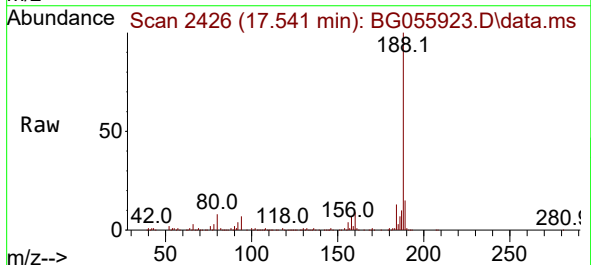
Tgt Ion:188 Resp: 208317

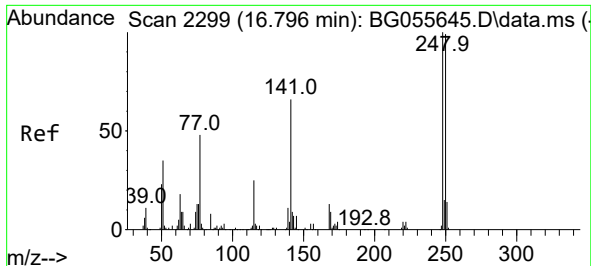
Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.2

80 8.2 6.6 10.0

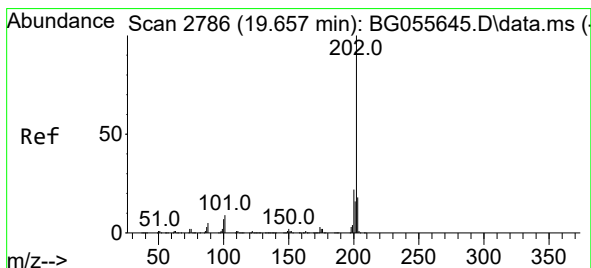
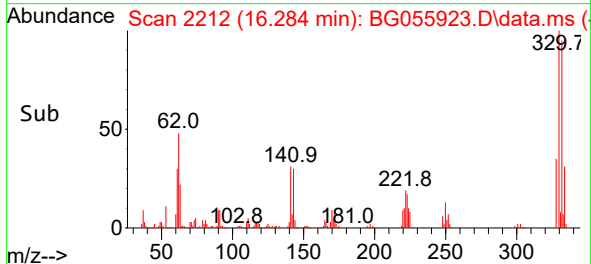
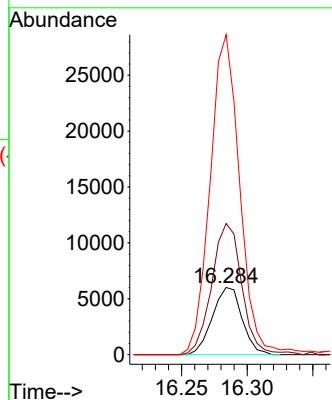
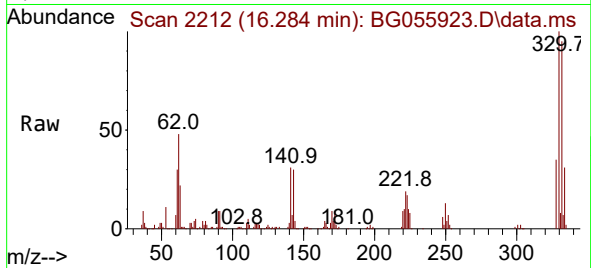




#67
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 16.284 min Scan# 211
Delta R.T. -0.439 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

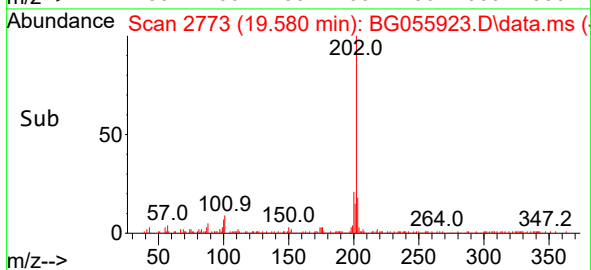
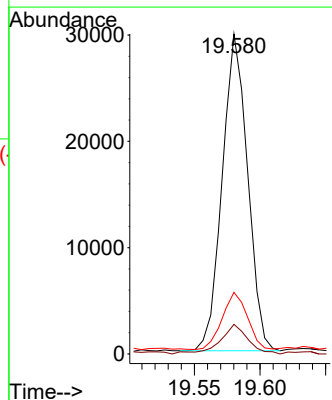
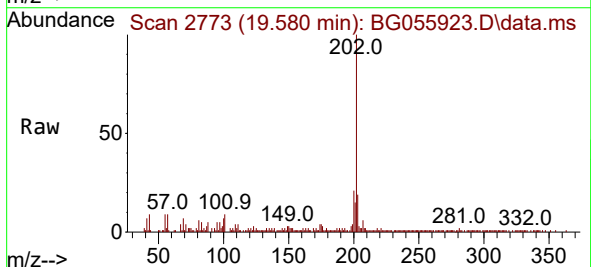
Instrument :
BNA_G
ClientSampleId :
TP-30

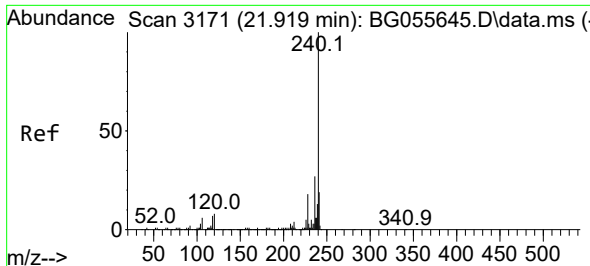
Tgt Ion:248 Resp: 9448
Ion Ratio Lower Upper
248 100
250 195.0 79.0 118.4#
141 475.6 52.9 79.3#



#75
Fluoranthene
Concen: 2.930 ng
RT: 19.580 min Scan# 2773
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:202 Resp: 40075
Ion Ratio Lower Upper
202 100
101 9.3 0.0 28.8
203 19.3 0.0 38.1

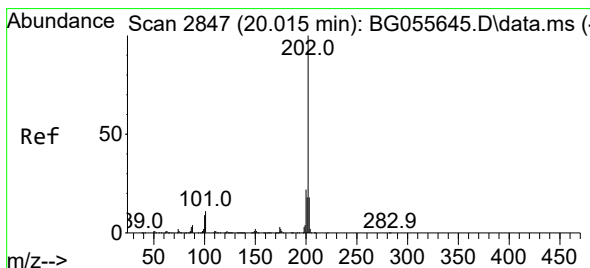
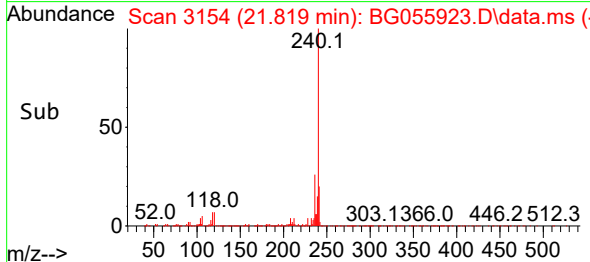
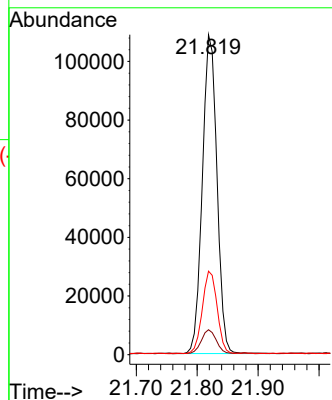
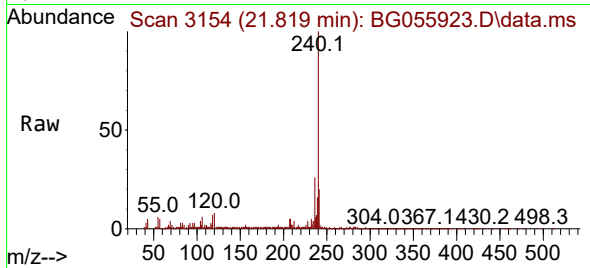




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.819 min Scan# 3171
Delta R.T. -0.010 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

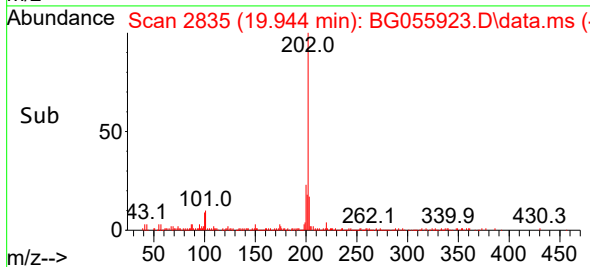
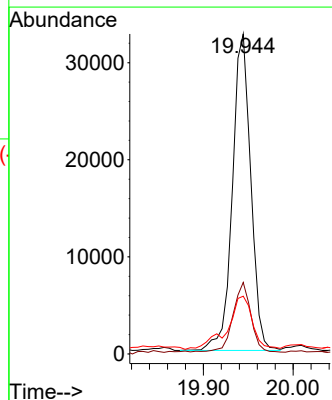
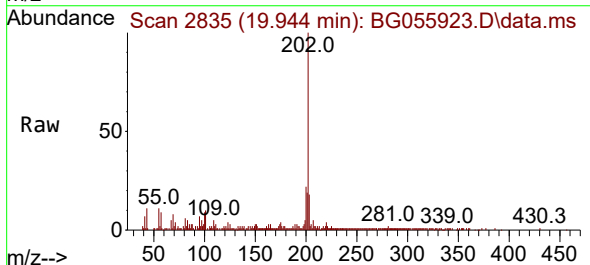
Instrument :
BNA_G
ClientSampleId :
TP-30

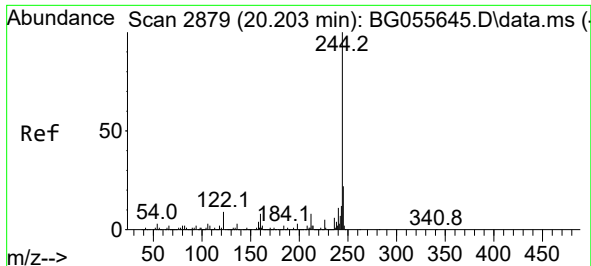
Tgt Ion:240 Resp: 180425
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.1 21.9 32.9



#78
Pyrene
Concen: 3.792 ng
RT: 19.944 min Scan# 2835
Delta R.T. -0.004 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:202 Resp: 46308
Ion Ratio Lower Upper
202 100
200 22.4 17.8 26.6
203 18.1 14.4 21.6

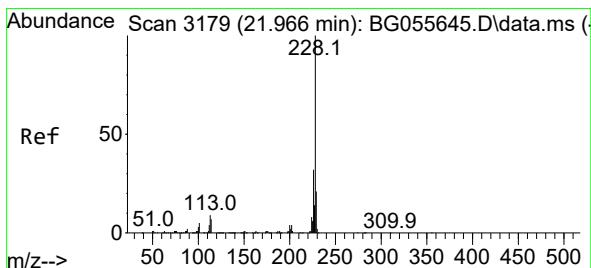
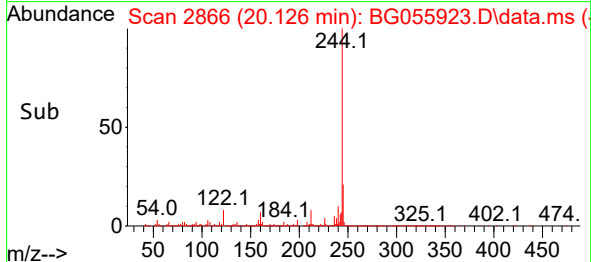
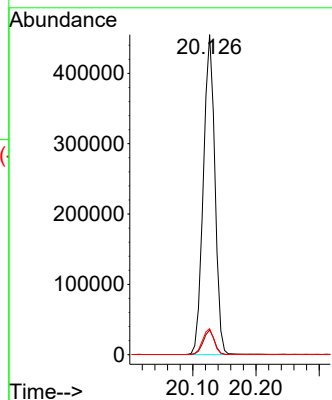
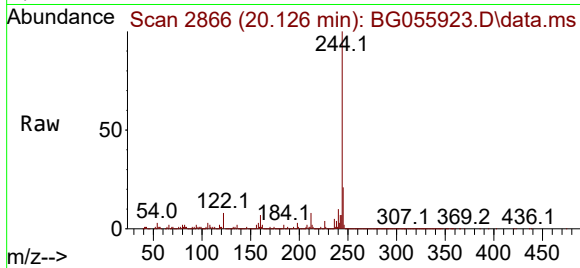




#79
 Terphenyl-d14
 Concen: 63.930 ng
 RT: 20.126 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

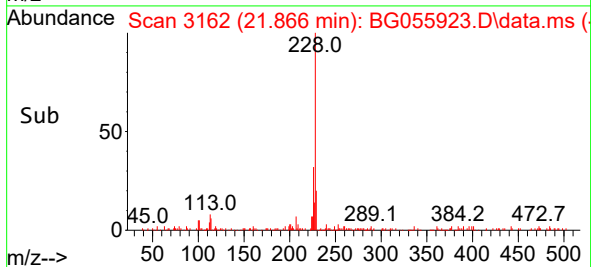
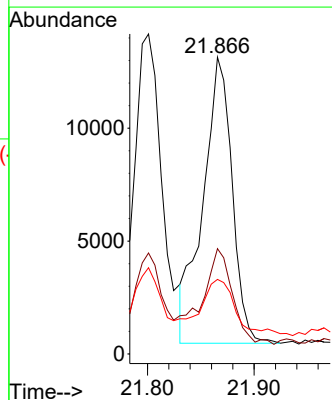
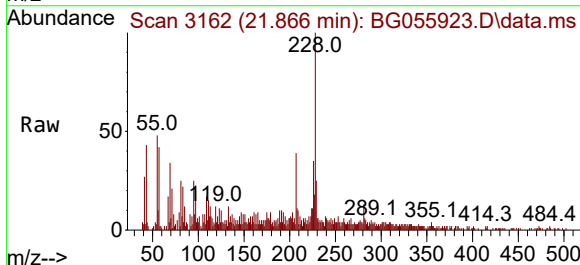
Instrument :
 BNA_G
 ClientSampleId :
 TP-30

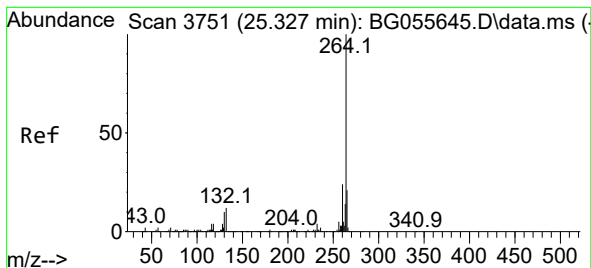
Tgt Ion:244 Resp: 576691
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 8.1 6.9 10.3



#83
 Chrysene
 Concen: 2.036 ng
 RT: 21.866 min Scan# 3162
 Delta R.T. -0.010 min
 Lab File: BG055923.D
 Acq: 7 Dec 2022 21:09

Tgt Ion:228 Resp: 24091
 Ion Ratio Lower Upper
 228 100
 226 35.5 25.4 38.2
 229 25.1 17.1 25.7





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055923.D

Acq: 7 Dec 2022 21:09

Instrument :

BNA_G

ClientSampleId :

TP-30

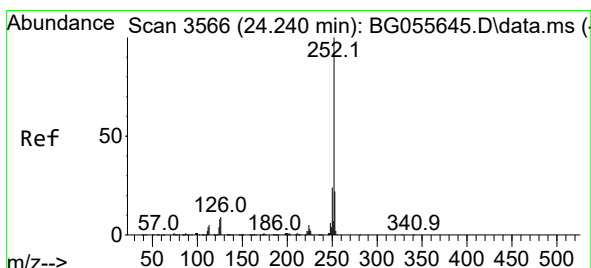
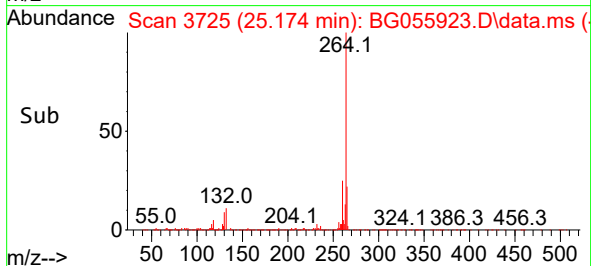
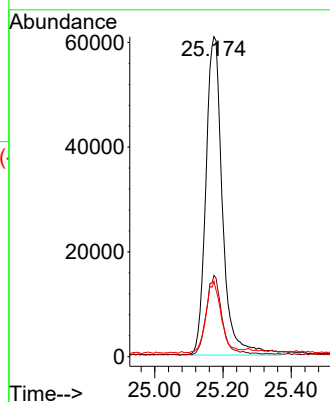
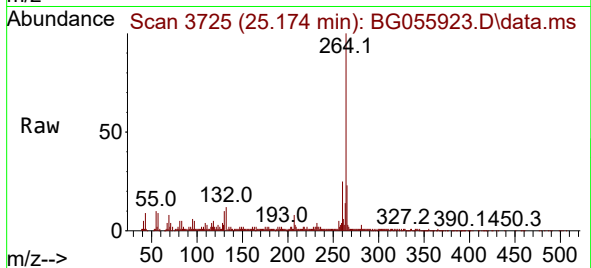
Tgt Ion:264 Resp: 205717

Ion Ratio Lower Upper

264 100

260 25.4 19.5 29.3

265 23.5 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.168 ng

RT: 24.104 min Scan# 3543

Delta R.T. -0.004 min

Lab File: BG055923.D

Acq: 7 Dec 2022 21:09

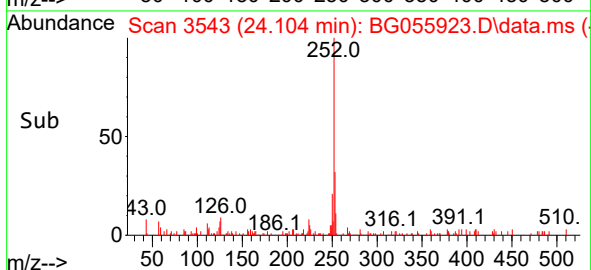
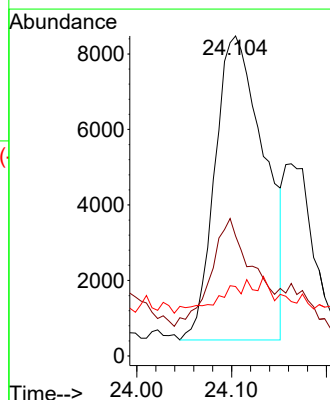
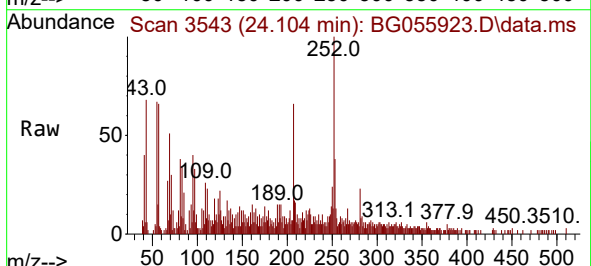
Tgt Ion:252 Resp: 29052

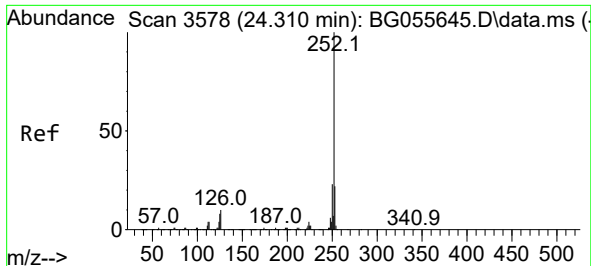
Ion Ratio Lower Upper

252 100

253 37.5 18.0 27.0#

125 21.7 6.2 9.2#

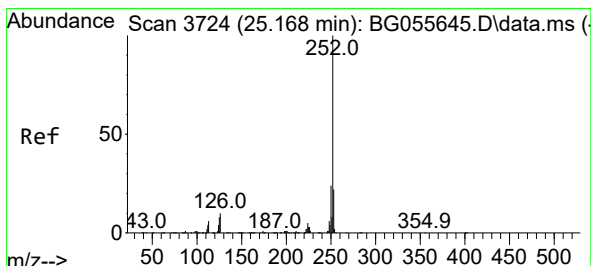
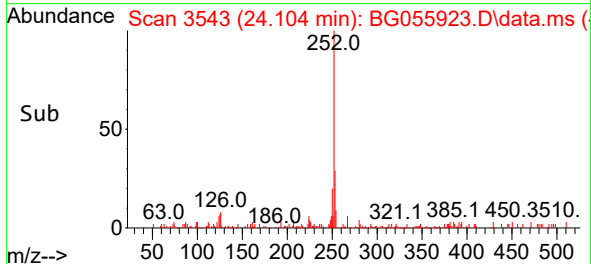
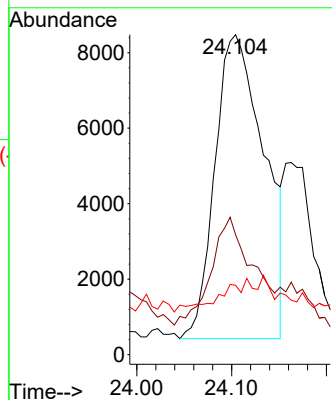
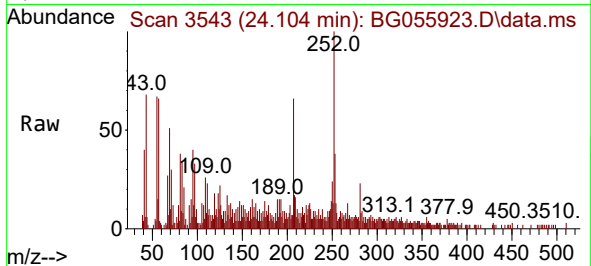




#89
Benzo(k)fluoranthene
Concen: 2.175 ng
RT: 24.104 min Scan# 31
Delta R.T. -0.074 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Instrument :
BNA_G
ClientSampleId :
TP-30

Tgt Ion:252 Resp: 29052
Ion Ratio Lower Upper
252 100
253 37.5 17.8 26.6#
125 21.7 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 2.033 ng
RT: 25.009 min Scan# 3697
Delta R.T. -0.010 min
Lab File: BG055923.D
Acq: 7 Dec 2022 21:09

Tgt Ion:252 Resp: 23377
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.6#
125 19.7 6.4 9.6#

