

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055767.D
 Acq On : 23 Nov 2022 23:03
 Operator : CG/JU
 Sample : N5765-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-L

Quant Time: Nov 24 06:10:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

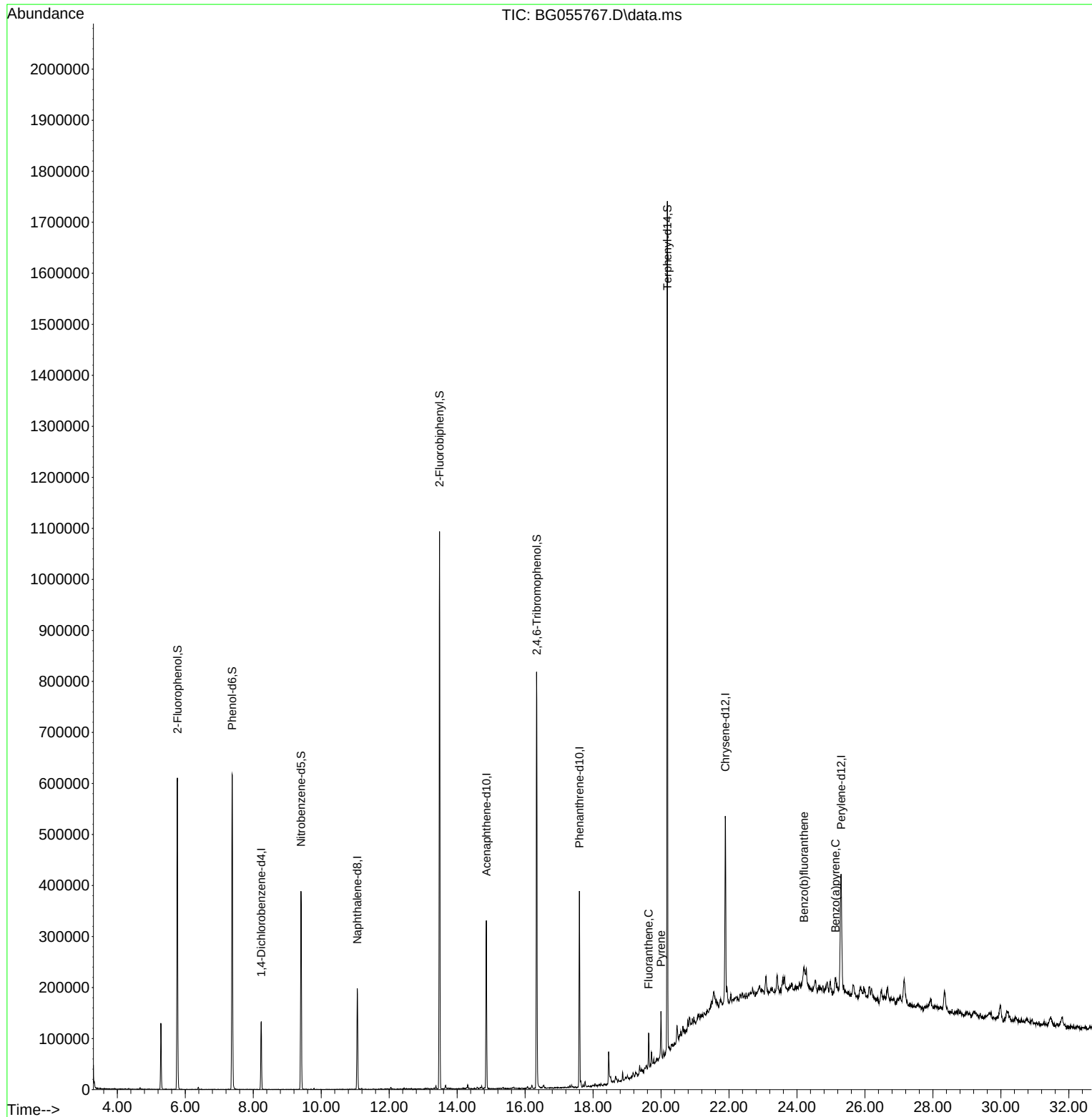
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.237	152	39333	20.000	ng	0.00
21) Naphthalene-d8	11.063	136	172034	20.000	ng	0.00
39) Acenaphthene-d10	14.859	164	118381	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	253147	20.000	ng	0.00
76) Chrysene-d12	21.892	240	237678	20.000	ng	-0.01
86) Perylene-d12	25.300	264	254692	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.769	112	270179	124.159	ng	0.00
7) Phenol-d6	7.379	99	362545	125.158	ng	0.00
23) Nitrobenzene-d5	9.406	82	225234	69.200	ng	0.00
42) 2,4,6-Tribromophenol	16.345	330	177685	106.592	ng	0.00
45) 2-Fluorobiphenyl	13.484	172	565770	71.599	ng	0.00
79) Terphenyl-d14	20.188	244	845152	71.122	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.636	202	45901	2.762	ng	99
78) Pyrene	20.000	202	52925	3.290	ng	97
88) Benzo(b)fluoranthene	24.207	252	38359	2.313	ng	# 56
90) Benzo(a)pyrene	25.129	252	31123	2.187	ng	# 79

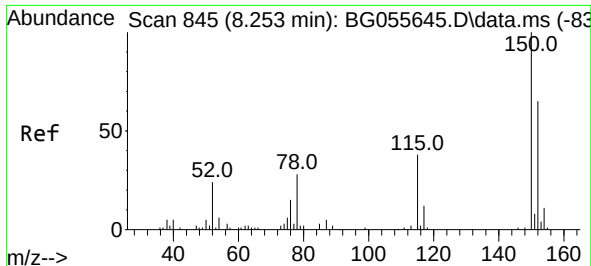
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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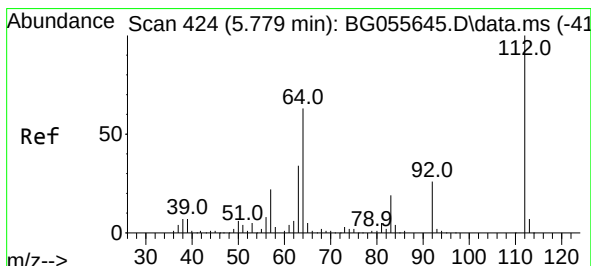
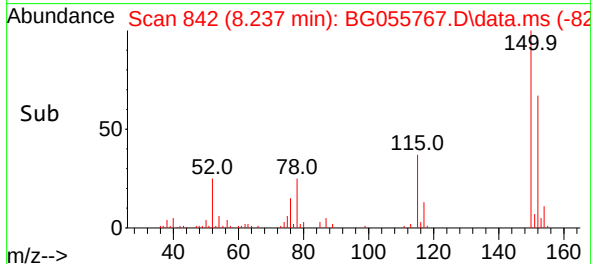
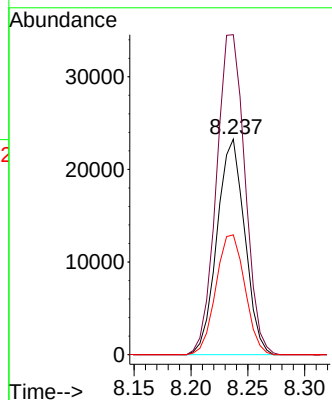
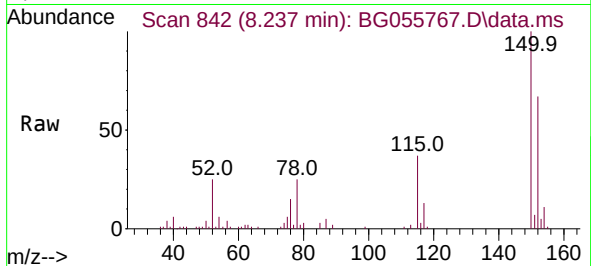




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.237 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

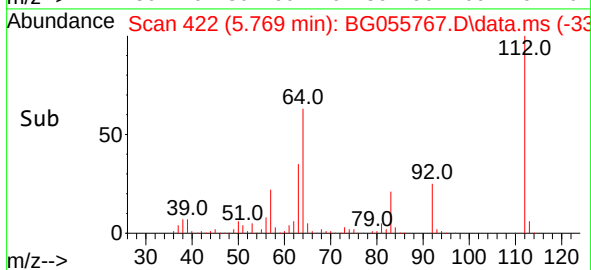
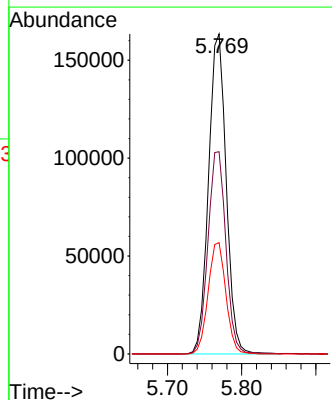
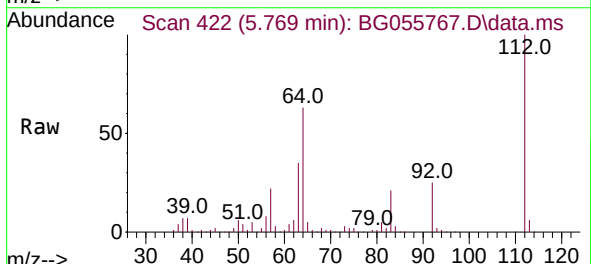
Instrument :
BNA_G
ClientSampleId :
TP-L

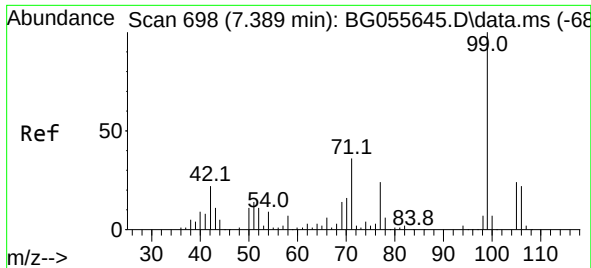
Tgt Ion:152 Resp: 39333
Ion Ratio Lower Upper
152 100
150 148.5 123.0 184.6
115 55.6 47.0 70.4



#5
2-Fluorophenol
Concen: 124.159 ng
RT: 5.769 min Scan# 422
Delta R.T. 0.002 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Tgt Ion:112 Resp: 270179
Ion Ratio Lower Upper
112 100
64 63.2 50.6 76.0
63 34.8 27.5 41.3

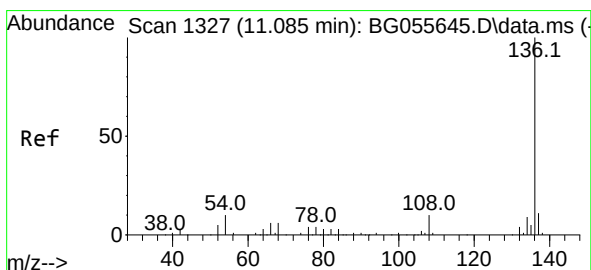
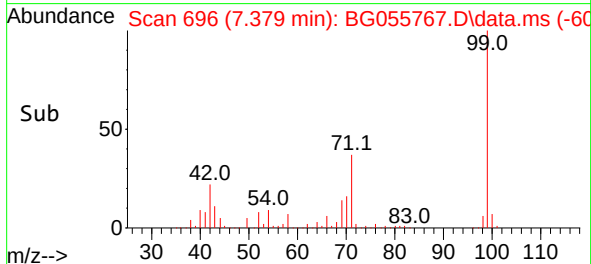
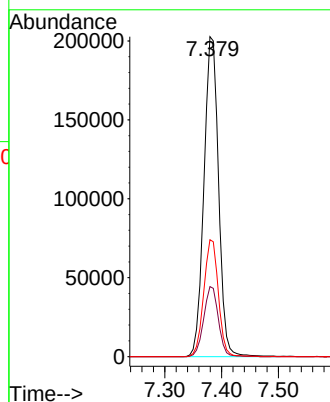
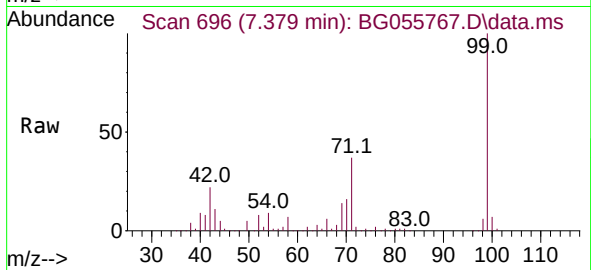




#7
Phenol-d6
Concen: 125.158 ng
RT: 7.379 min Scan# 69
Delta R.T. -0.004 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

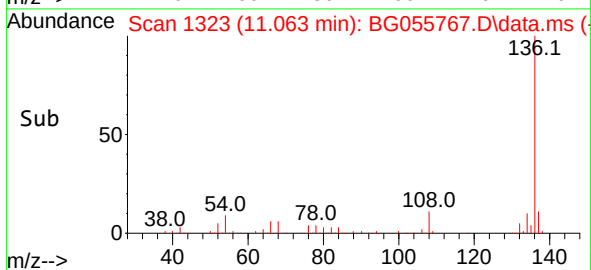
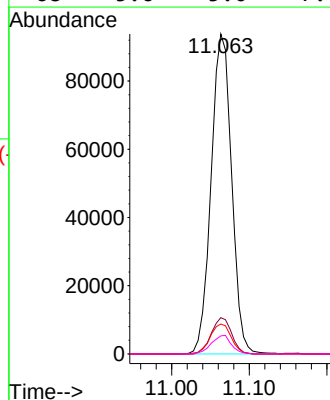
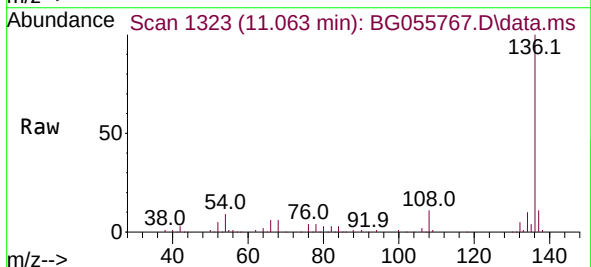
Instrument :
BNA_G
ClientSampleId :
TP-L

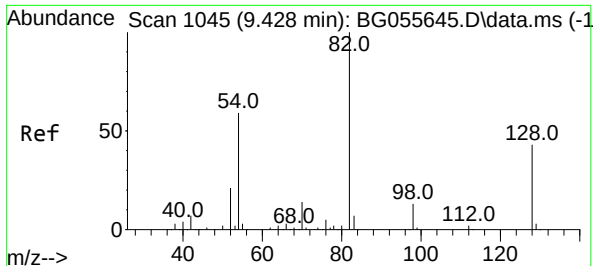
Tgt Ion: 99 Resp: 362545
Ion Ratio Lower Upper
99 100
42 21.9 18.0 27.0
71 36.5 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.063 min Scan# 1323
Delta R.T. -0.004 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Tgt Ion: 136 Resp: 172034
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.3 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 69.200 ng

RT: 9.406 min Scan# 1041

Delta R.T. -0.004 min

Lab File: BG055767.D

Acq: 23 Nov 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TP-L

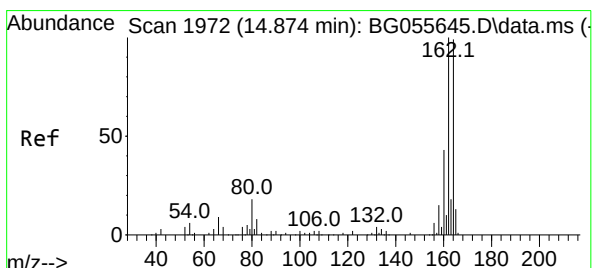
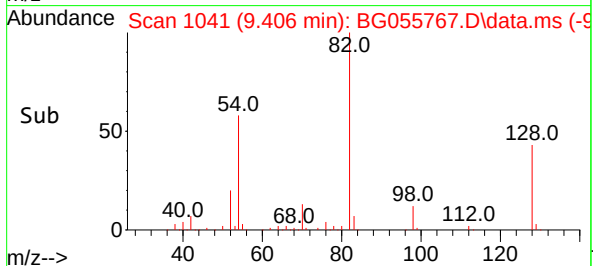
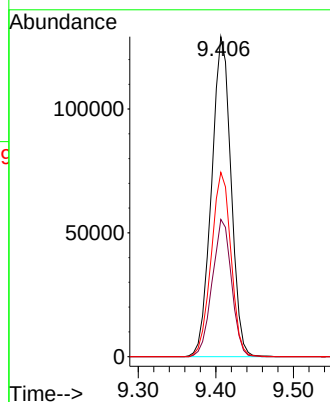
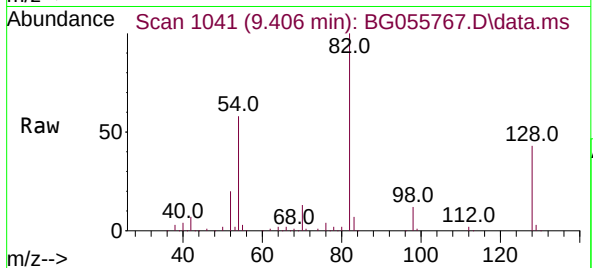
Tgt Ion: 82 Resp: 225234

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

54 57.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.859 min Scan# 1969

Delta R.T. -0.004 min

Lab File: BG055767.D

Acq: 23 Nov 2022 23:03

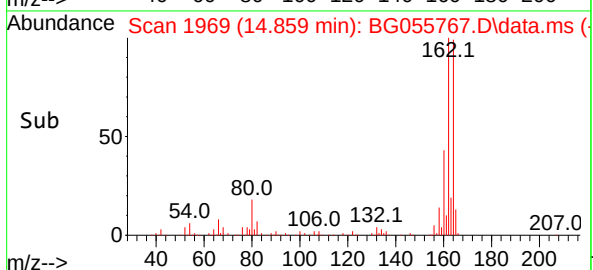
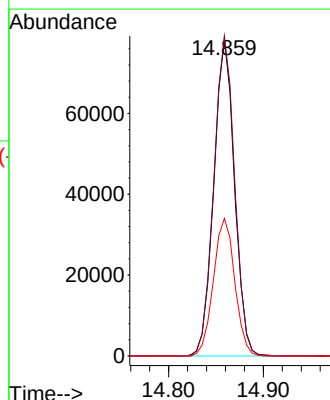
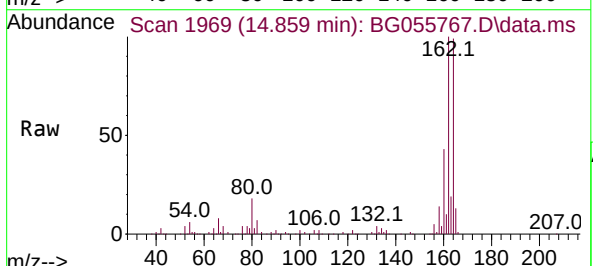
Tgt Ion: 164 Resp: 118381

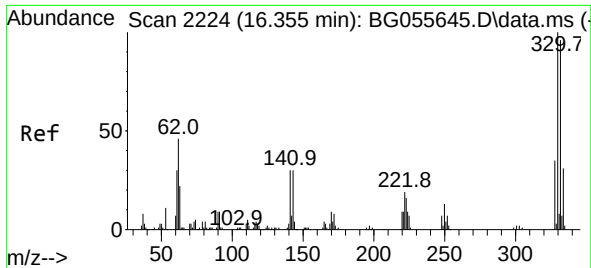
Ion Ratio Lower Upper

164 100

162 100.9 81.1 121.7

160 43.4 34.8 52.2

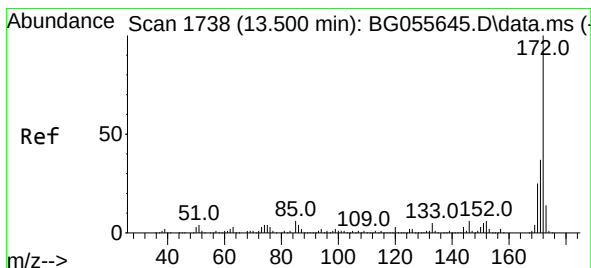
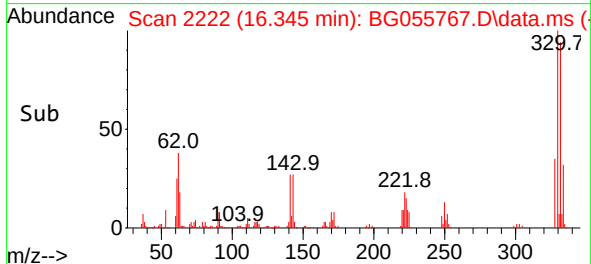
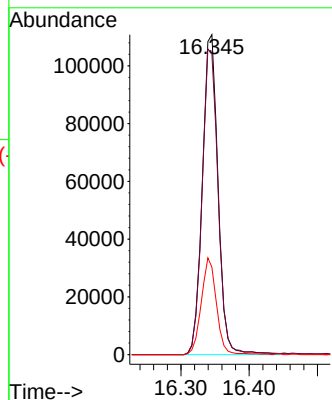
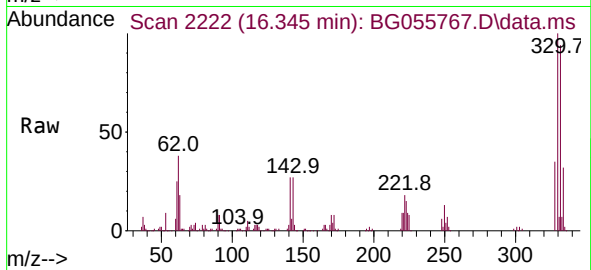




#42
2,4,6-Tribromophenol
Concen: 106.592 ng
RT: 16.345 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

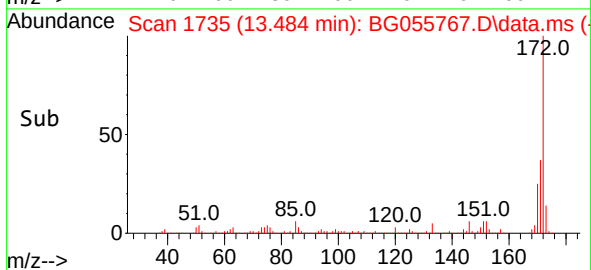
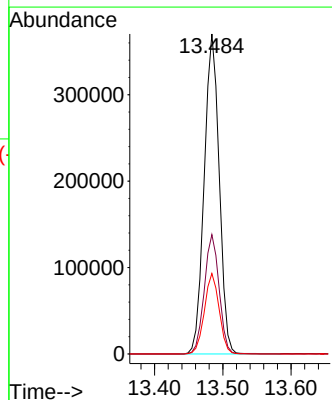
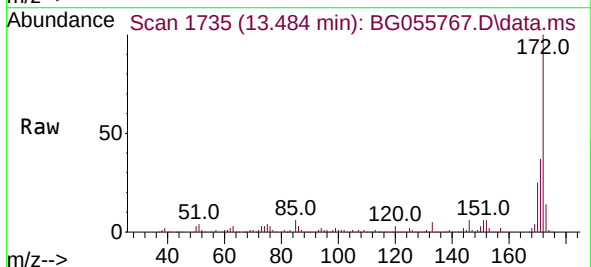
Instrument :
BNA_G
ClientSampleId :
TP-L

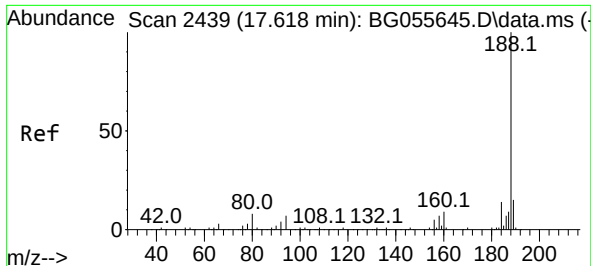
Tgt Ion:330 Resp: 177685
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.8
141 29.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 71.599 ng
RT: 13.484 min Scan# 1735
Delta R.T. -0.004 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Tgt Ion:172 Resp: 565770
Ion Ratio Lower Upper
172 100
171 37.3 29.8 44.6
170 25.1 20.2 30.4

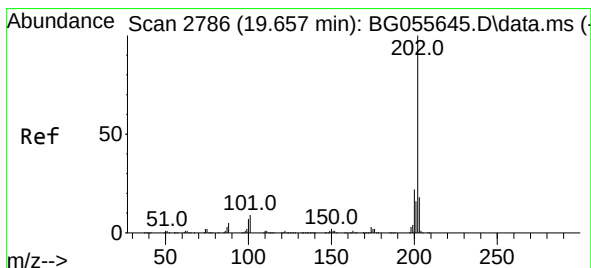
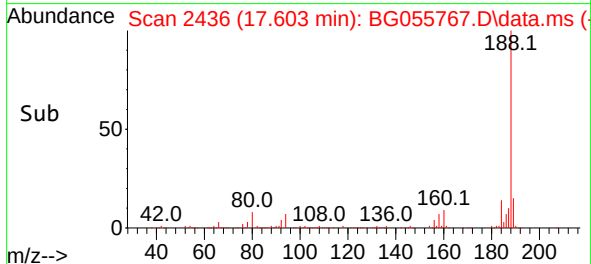
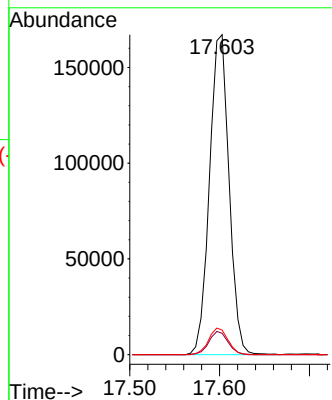
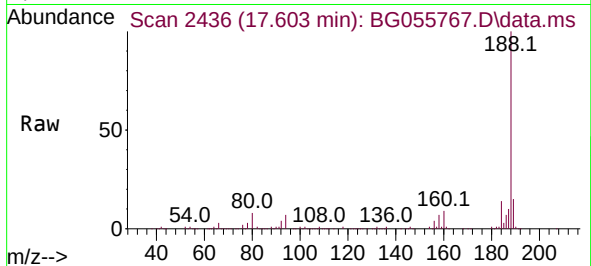




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2436
Delta R.T. -0.004 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

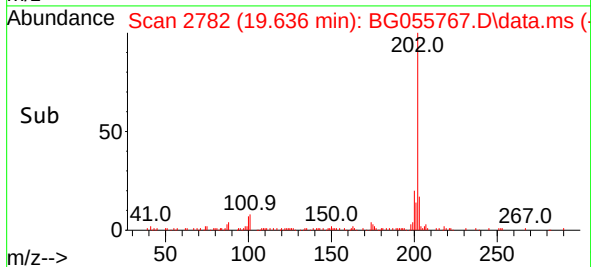
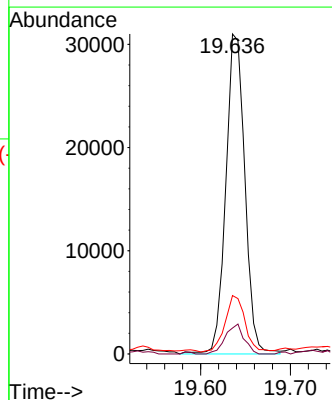
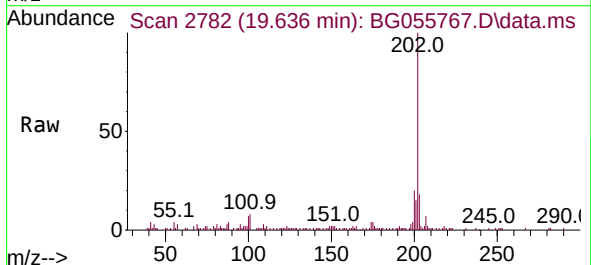
Instrument :
BNA_G
ClientSampleId :
TP-L

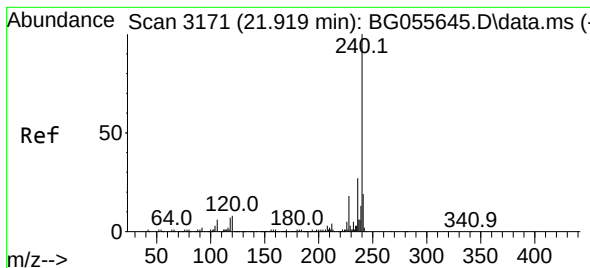
Tgt Ion:188 Resp: 253147
Ion Ratio Lower Upper
188 100
94 6.7 5.4 8.2
80 7.7 6.6 10.0



#75
Fluoranthene
Concen: 2.762 ng
RT: 19.636 min Scan# 2782
Delta R.T. -0.010 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Tgt Ion:202 Resp: 45901
Ion Ratio Lower Upper
202 100
101 8.1 0.0 28.8
203 18.2 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.892 min Scan# 3171

Delta R.T. -0.010 min

Lab File: BG055767.D

Acq: 23 Nov 2022 23:03

Instrument :

BNA_G

ClientSampleId :

TP-L

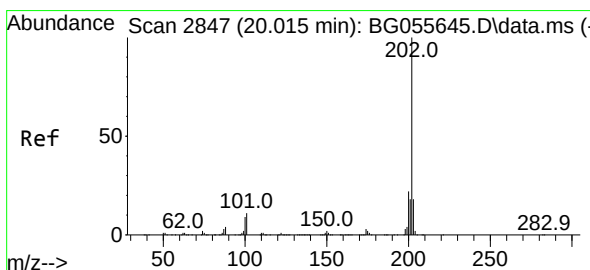
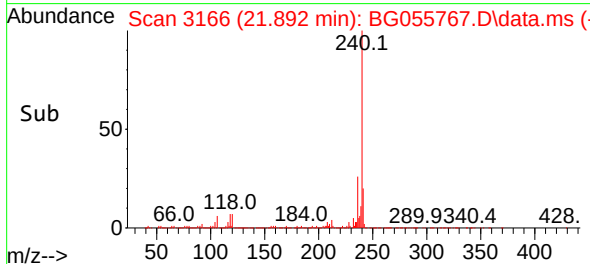
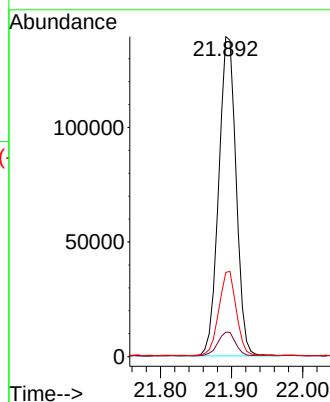
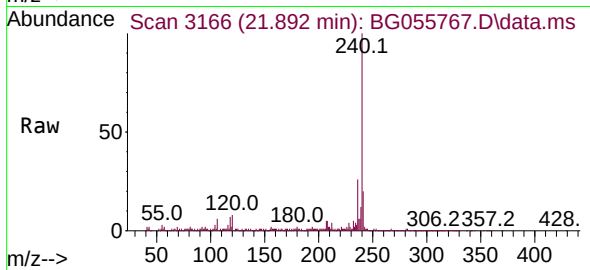
Tgt Ion:240 Resp: 237678

Ion Ratio Lower Upper

240 100

120 7.6 6.3 9.5

236 26.3 21.9 32.9



#78

Pyrene

Concen: 3.290 ng

RT: 20.000 min Scan# 2844

Delta R.T. -0.010 min

Lab File: BG055767.D

Acq: 23 Nov 2022 23:03

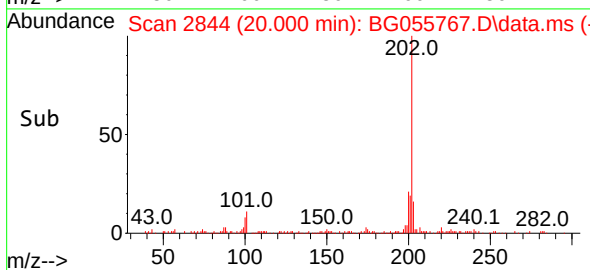
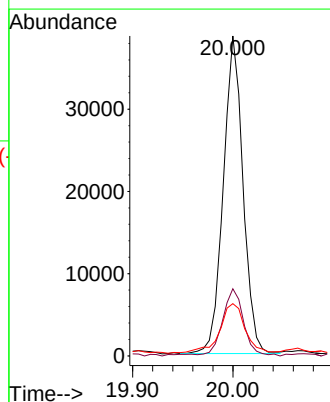
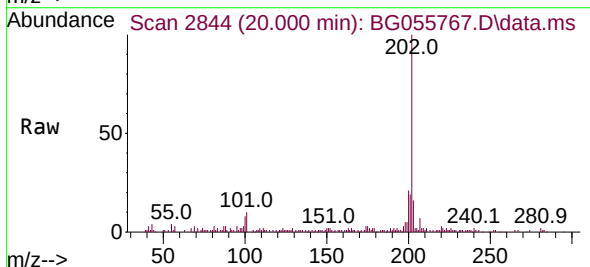
Tgt Ion:202 Resp: 52925

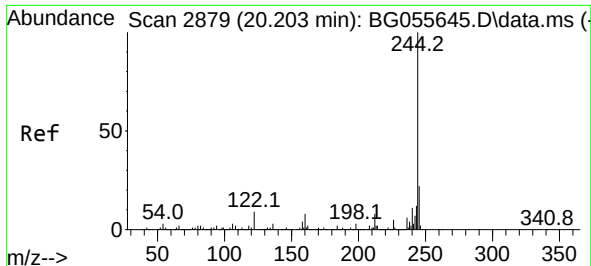
Ion Ratio Lower Upper

202 100

200 21.0 17.8 26.6

203 16.3 14.4 21.6

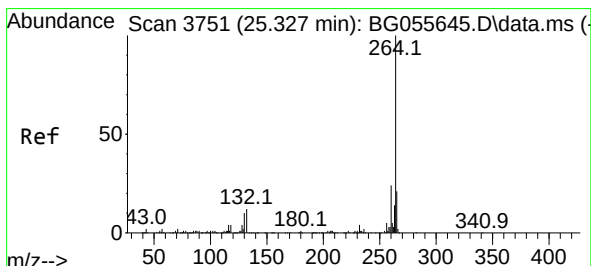
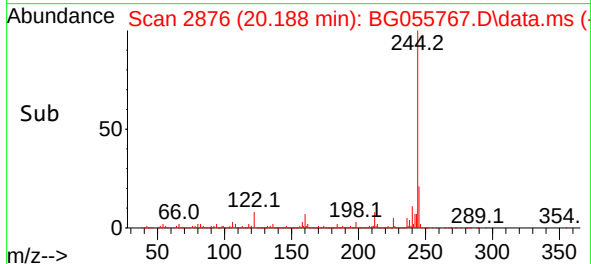
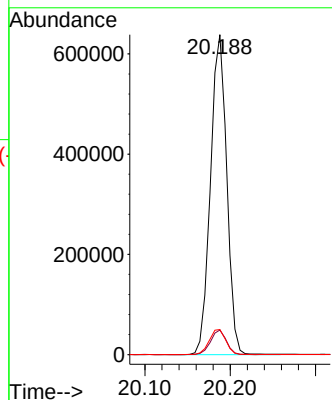
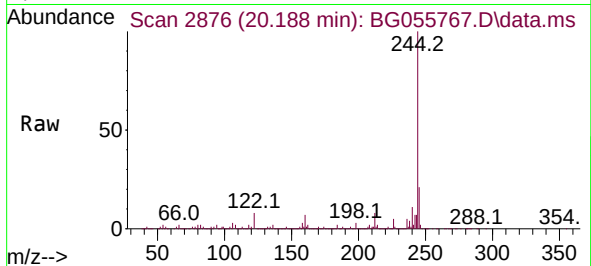




#79
 Terphenyl-d14
 Concen: 71.122 ng
 RT: 20.188 min Scan# 2876
 Delta R.T. -0.004 min
 Lab File: BG055767.D
 Acq: 23 Nov 2022 23:03

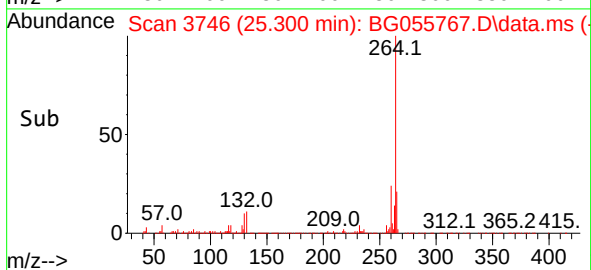
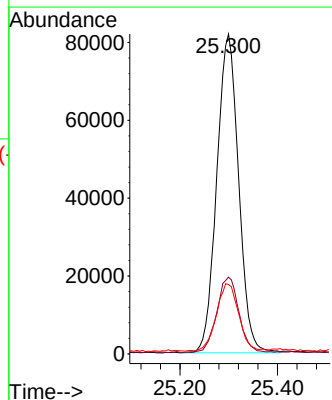
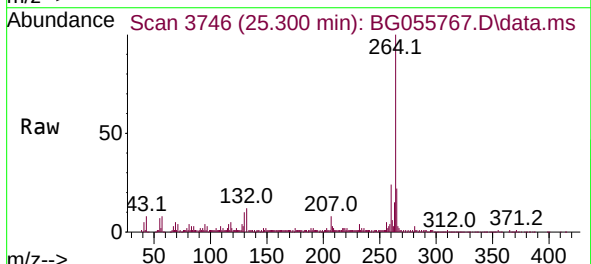
Instrument :
 BNA_G
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 TP-L

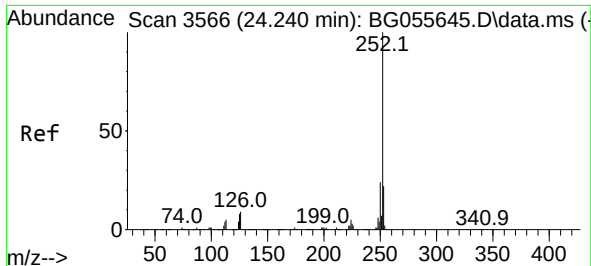
Tgt Ion:244 Resp: 845152
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.8 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.300 min Scan# 3746
 Delta R.T. -0.004 min
 Lab File: BG055767.D
 Acq: 23 Nov 2022 23:03

Tgt Ion:264 Resp: 254692
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.5 29.3
 265 21.7 17.1 25.7

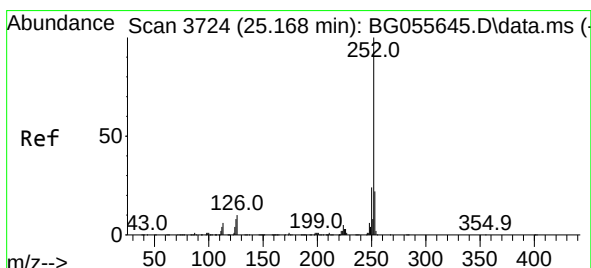
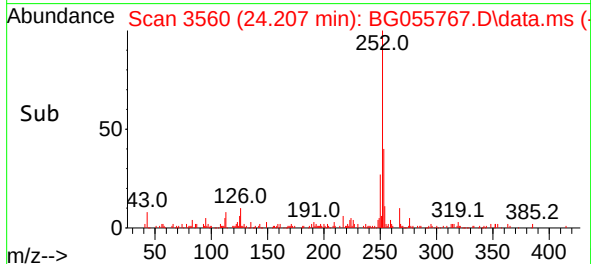
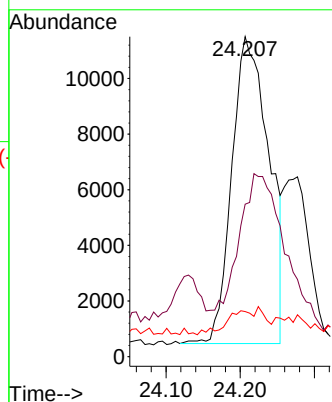
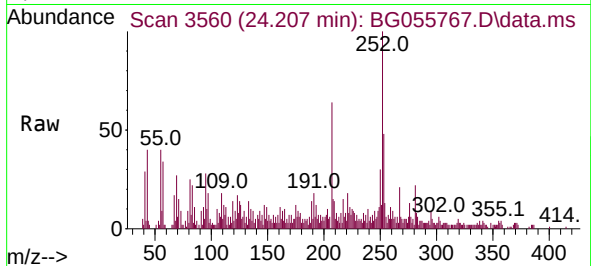




#88
Benzo(b)fluoranthene
Concen: 2.313 ng
RT: 24.207 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Instrument :
BNA_G
ClientSampleId :
TP-L

Tgt Ion:252 Resp: 38359
Ion Ratio Lower Upper
252 100
253 47.6 18.0 27.0#
125 14.1 6.2 9.2#



#90
Benzo(a)pyrene
Concen: 2.187 ng
RT: 25.129 min Scan# 3717
Delta R.T. -0.016 min
Lab File: BG055767.D
Acq: 23 Nov 2022 23:03

Tgt Ion:252 Resp: 31123
Ion Ratio Lower Upper
252 100
253 31.3 17.8 26.6#
125 17.0 6.4 9.6#

