

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055825.D
 Acq On : 29 Nov 2022 12:34
 Operator : CG/JU
 Sample : N5752-01DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-7SDL

Quant Time: Nov 30 02:03:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

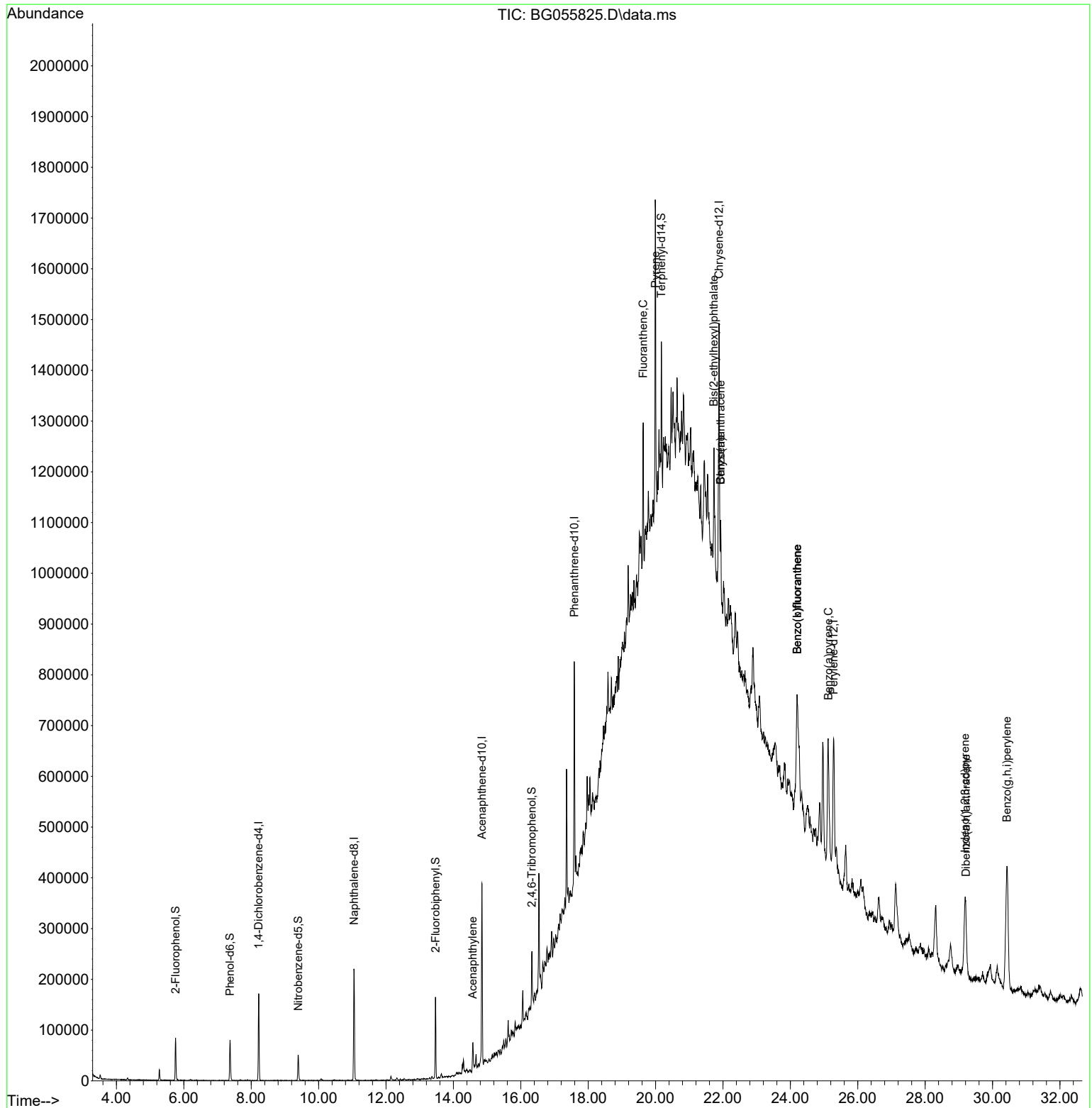
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	48609	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	194747	20.000	ng	0.00
39) Acenaphthene-d10	14.845	164	135625	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	275755	20.000	ng	0.00
76) Chrysene-d12	21.884	240	261755	20.000	ng	0.00
86) Perylene-d12	25.286	264	293340	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	37308	13.873	ng	0.00
7) Phenol-d6	7.371	99	47610	13.299	ng	0.00
23) Nitrobenzene-d5	9.398	82	31131	8.449	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	24405	12.779	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	83972	9.276	ng	0.00
79) Terphenyl-d14	20.174	244	124844	9.540	ng	0.00
Target Compounds						Qvalue
49) Acenaphthylene	14.575	152	40836	3.228	ng	99
75) Fluoranthene	19.634	202	177705	9.816	ng	98
78) Pyrene	19.998	202	386888	21.836	ng	99
81) Benzo(a)anthracene	21.937	228	120607	6.690	ng	93
83) Chrysene	21.937	228	120607	7.027	ng	98
84) Bis(2-ethylhexyl)phtha...	21.731	149	90190	9.048	ng	# 96
87) Indeno(1,2,3-cd)pyrene	29.187	276	290750	12.099	ng	97
88) Benzo(b)fluoranthene	24.205	252	334273	17.498	ng	# 93
89) Benzo(k)fluoranthene	24.205	252	334273	17.554	ng	# 92
90) Benzo(a)pyrene	25.127	252	176337	10.756	ng	# 97
91) Dibenzo(a,h)anthracene	29.216	278	42212	2.150	ng	# 89
92) Benzo(g,h,i)perylene	30.427	276	534843	27.023	ng	99

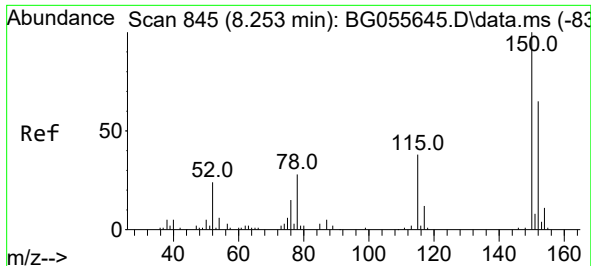
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 30 02:03:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

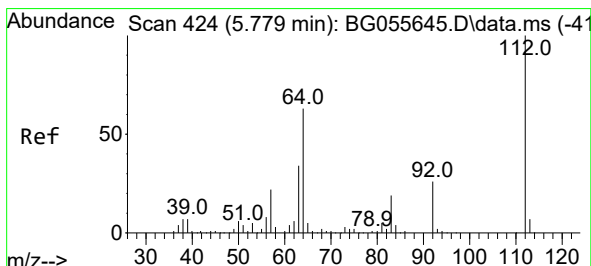
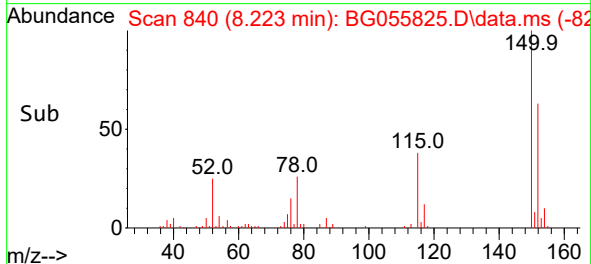
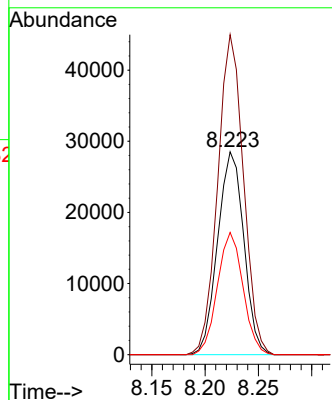
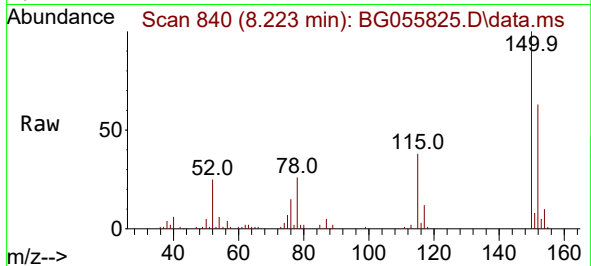




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

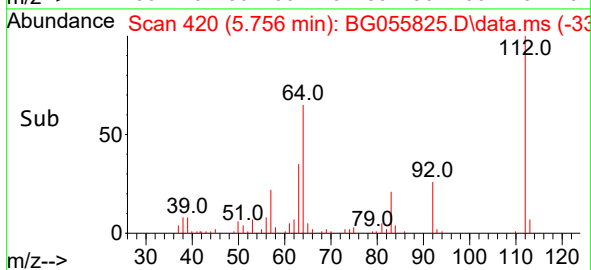
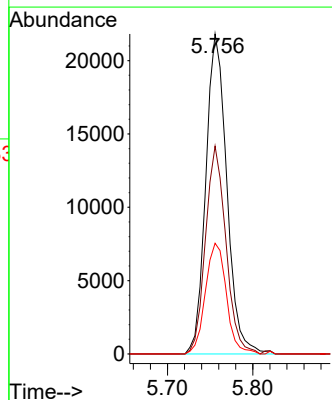
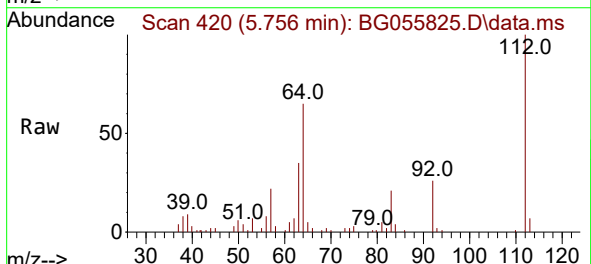
Instrument :
BNA_G
ClientSampleId :
B-7SDL

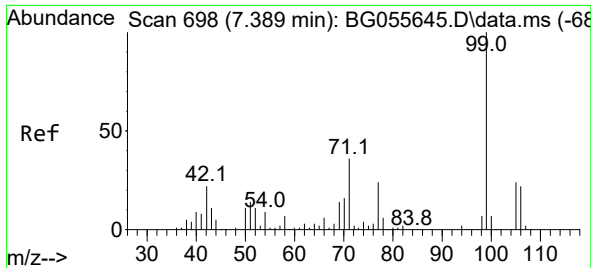
Tgt Ion:152 Resp: 48609
Ion Ratio Lower Upper
152 100
150 157.8 123.0 184.6
115 60.3 47.0 70.4



#5
2-Fluorophenol
Concen: 13.873 ng
RT: 5.756 min Scan# 420
Delta R.T. -0.002 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:112 Resp: 37308
Ion Ratio Lower Upper
112 100
64 65.0 50.6 76.0
63 34.6 27.5 41.3

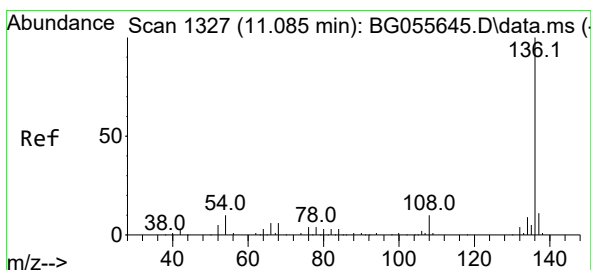
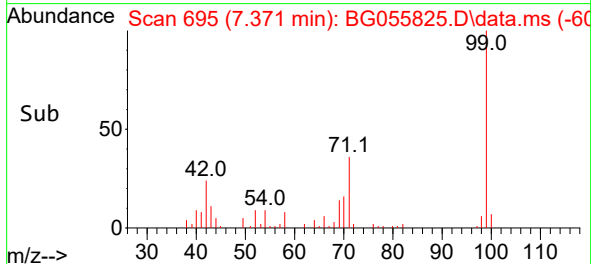
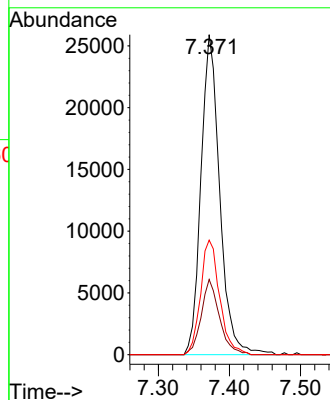
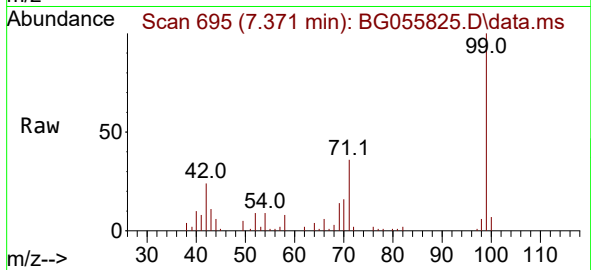




#7
Phenol-d6
Concen: 13.299 ng
RT: 7.371 min Scan# 695
Delta R.T. -0.002 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

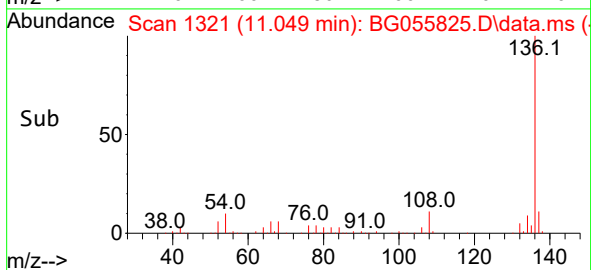
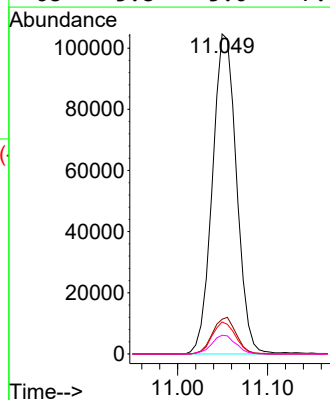
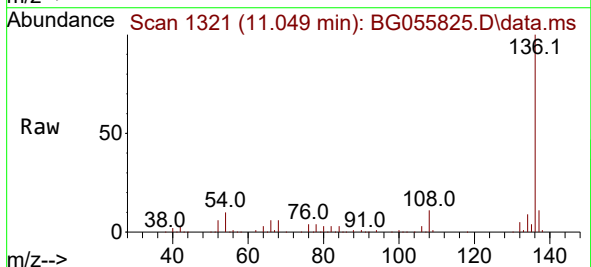
Instrument :
BNA_G
ClientSampleId :
B-7SDL

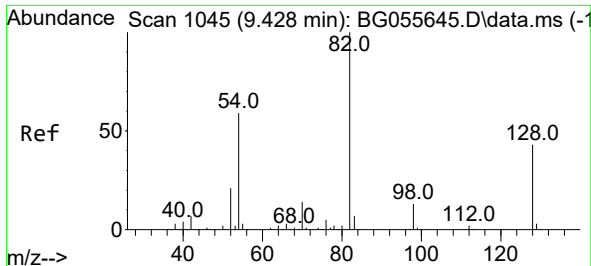
Tgt Ion: 99 Resp: 47610
Ion Ratio Lower Upper
99 100
42 23.5 18.0 27.0
71 35.8 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1321
Delta R.T. -0.008 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion: 136 Resp: 194747
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.0 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.449 ng

RT: 9.398 min Scan# 1040

Delta R.T. -0.002 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

Instrument :

BNA_G

ClientSampleId :

B-7SDL

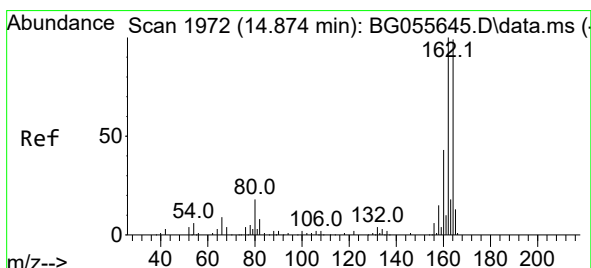
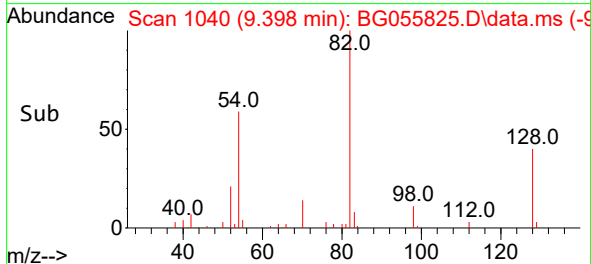
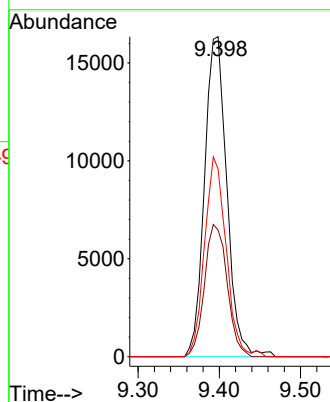
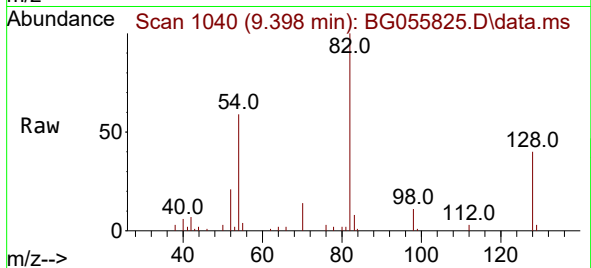
Tgt Ion: 82 Resp: 31131

Ion Ratio Lower Upper

82 100

128 39.6 34.1 51.1

54 58.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.845 min Scan# 1967

Delta R.T. -0.008 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

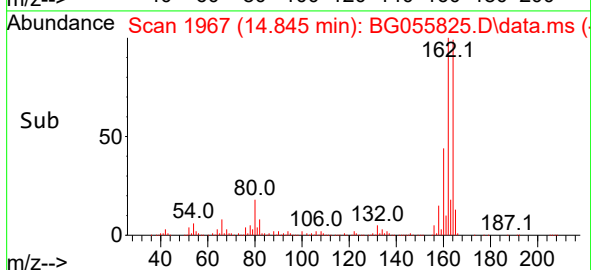
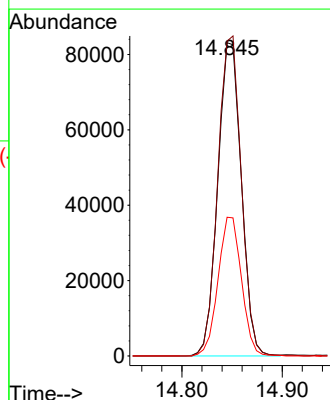
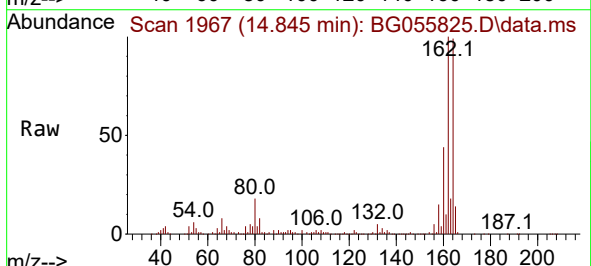
Tgt Ion:164 Resp: 135625

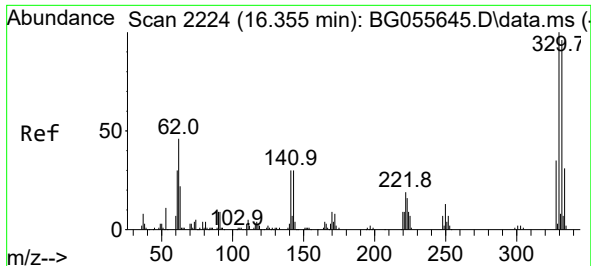
Ion Ratio Lower Upper

164 100

162 100.5 81.1 121.7

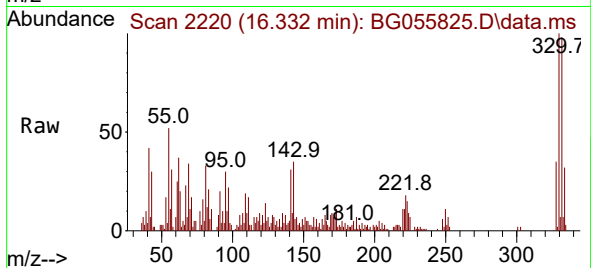
160 44.3 34.8 52.2



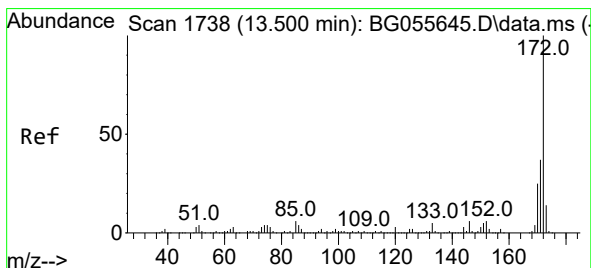
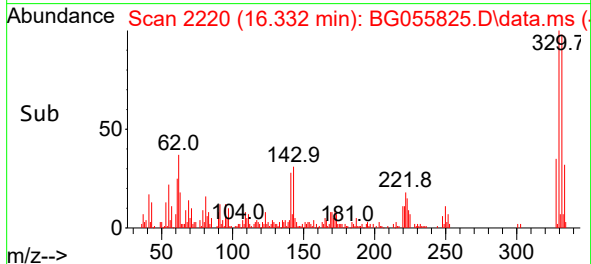
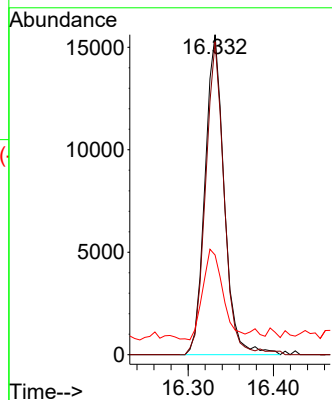


#42
 2,4,6-Tribromophenol
 Concen: 12.779 ng
 RT: 16.332 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055825.D
 Acq: 29 Nov 2022 12:34

Instrument :
 BNA_G
 ClientSampleId :
 B-7SDL

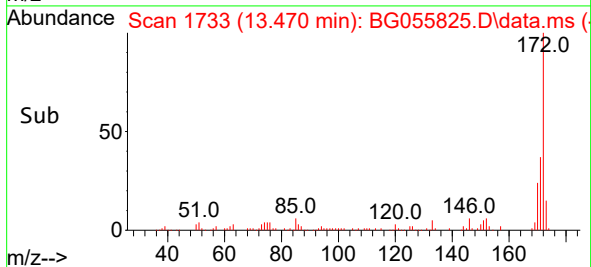
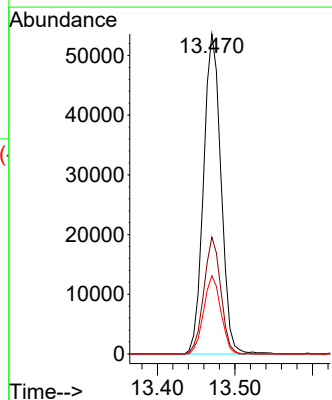
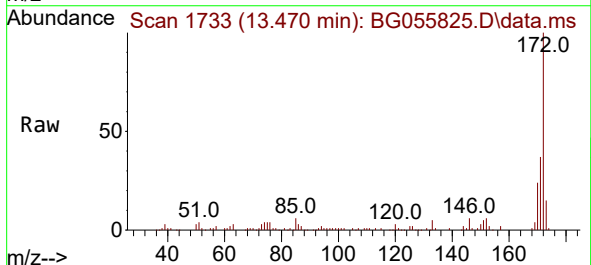


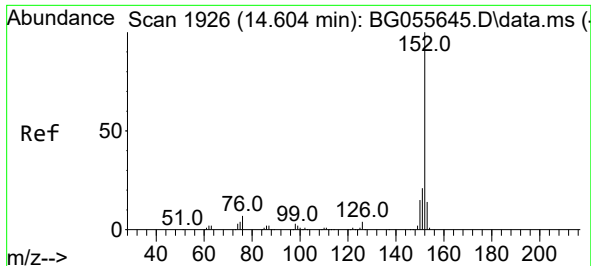
Tgt Ion:330 Resp: 24405
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.8 116.8
 141 29.9 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 9.276 ng
 RT: 13.470 min Scan# 1733
 Delta R.T. -0.002 min
 Lab File: BG055825.D
 Acq: 29 Nov 2022 12:34

Tgt Ion:172 Resp: 83972
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.8 44.6
 170 24.4 20.2 30.4

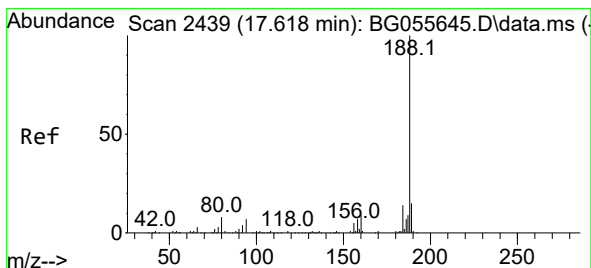
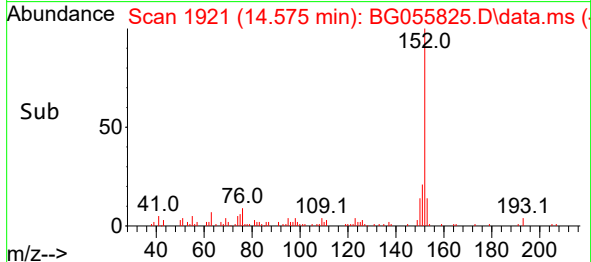
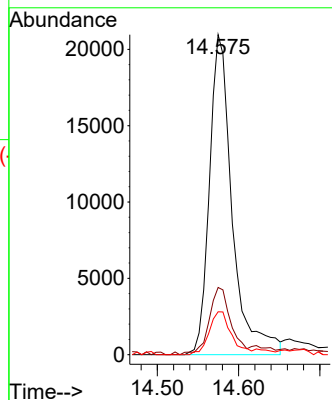
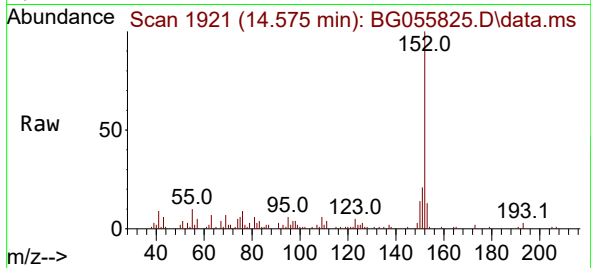




#49
Acenaphthylene
Concen: 3.228 ng
RT: 14.575 min Scan# 1921
Delta R.T. -0.002 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

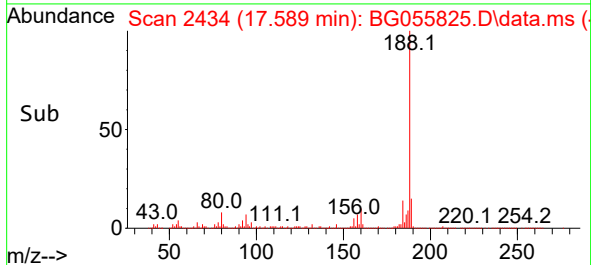
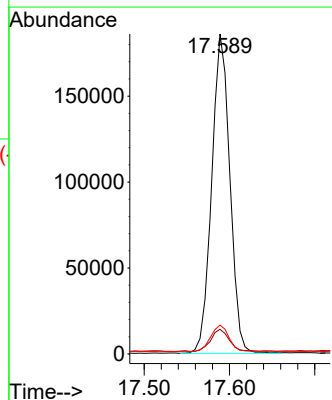
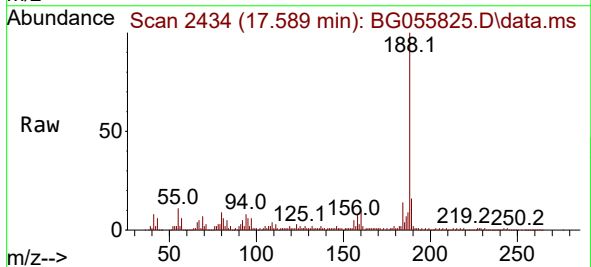
Instrument :
BNA_G
ClientSampleId :
B-7SDL

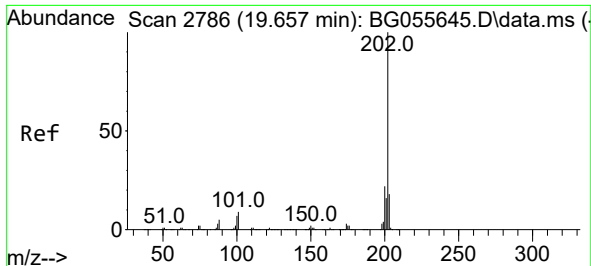
Tgt Ion:152	Resp:	40836
Ion Ratio	Lower	Upper
152	100	
151	21.0	16.4 24.6
153	13.4	11.0 16.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.589 min Scan# 2434
Delta R.T. -0.002 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:188	Resp:	275755
Ion Ratio	Lower	Upper
188	100	
94	7.7	5.4 8.2
80	9.0	6.6 10.0

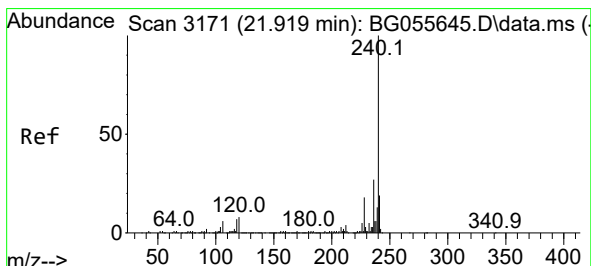
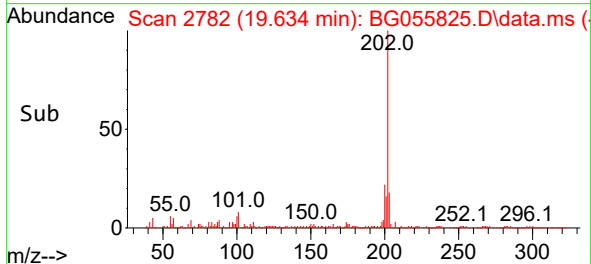
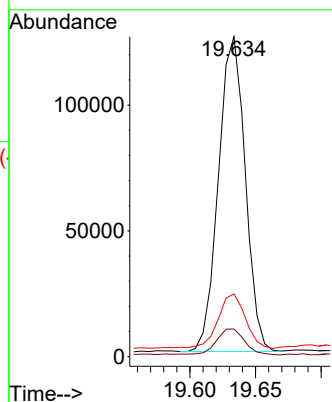
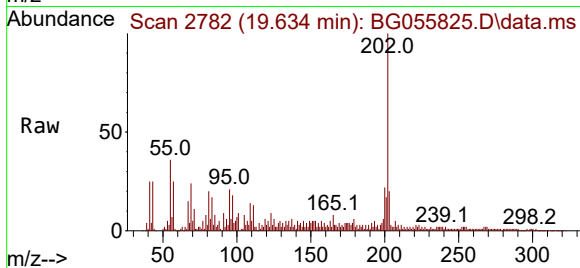




#75
Fluoranthene
Concen: 9.816 ng
RT: 19.634 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

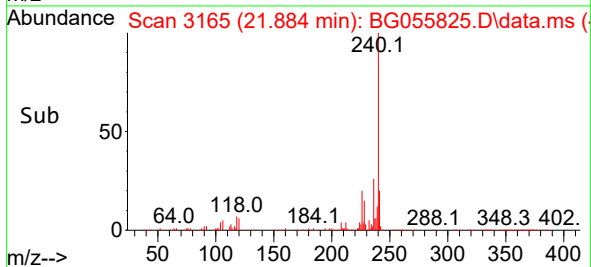
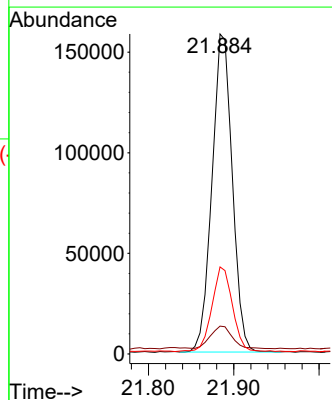
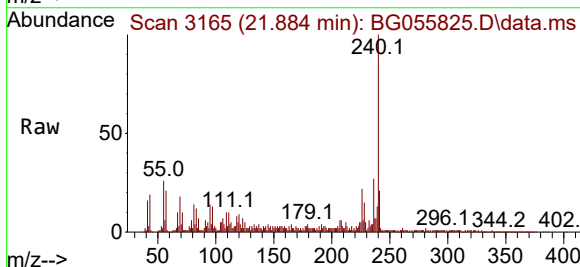
Instrument :
BNA_G
ClientSampleId :
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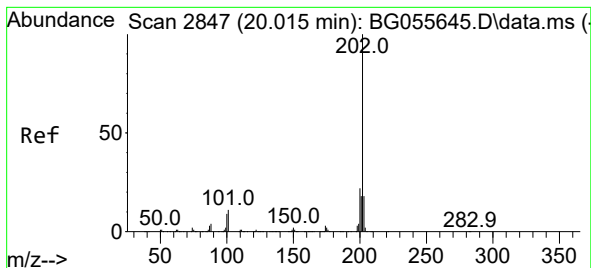
Tgt Ion:202 Resp: 177705
Ion Ratio Lower Upper
202 100
101 8.6 0.0 28.8
203 19.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. 0.004 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:240 Resp: 261755
Ion Ratio Lower Upper
240 100
120 8.7 6.3 9.5
236 27.2 21.9 32.9





#78

Pyrene

Concen: 21.836 ng

RT: 19.998 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

Instrument :

BNA_G

ClientSampleId :

B-7SDL

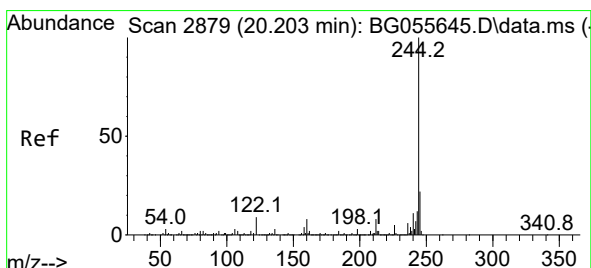
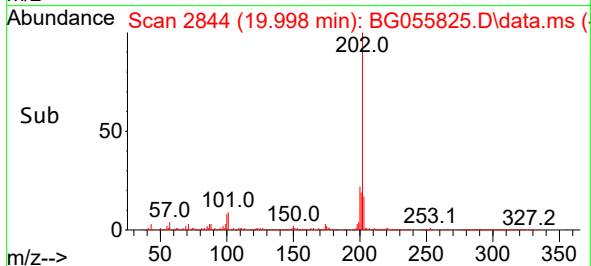
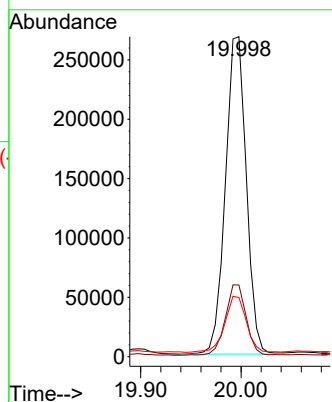
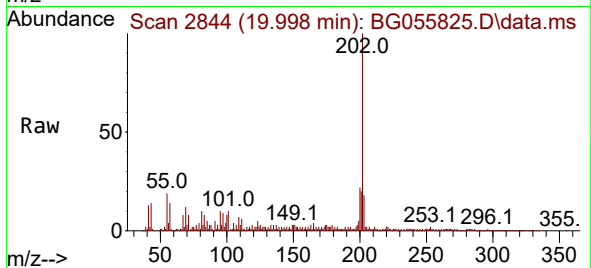
Tgt Ion:202 Resp: 386888

Ion Ratio Lower Upper

202 100

200 22.4 17.8 26.6

203 18.5 14.4 21.6



#79

Terphenyl-d14

Concen: 9.540 ng

RT: 20.174 min Scan# 2874

Delta R.T. -0.002 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

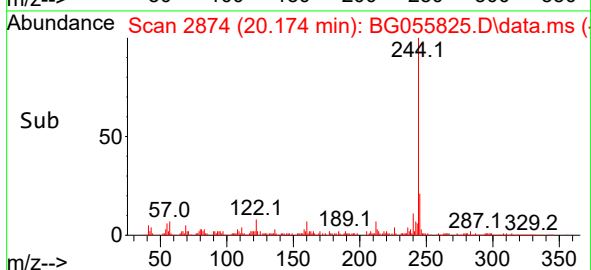
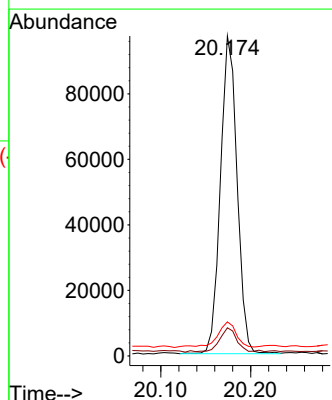
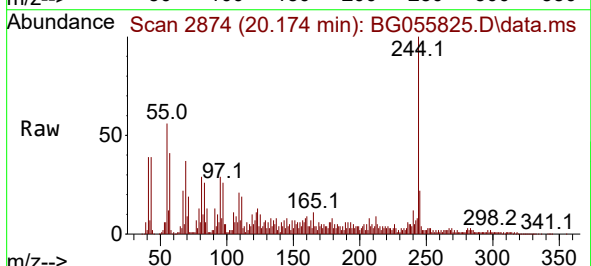
Tgt Ion:244 Resp: 124844

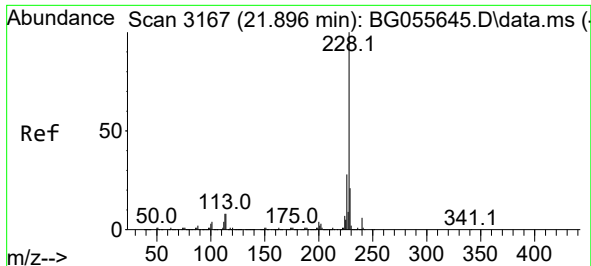
Ion Ratio Lower Upper

244 100

212 8.8 6.3 9.5

122 10.7 6.9 10.3#

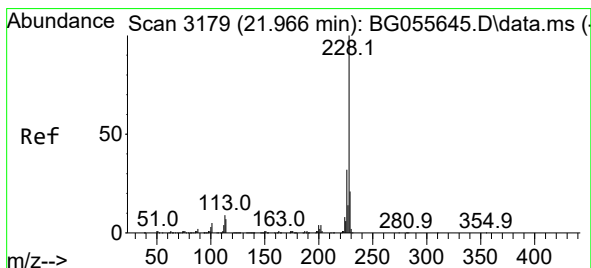
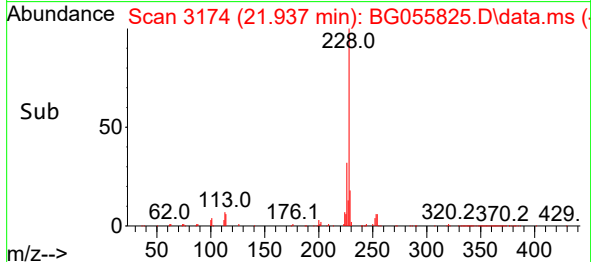
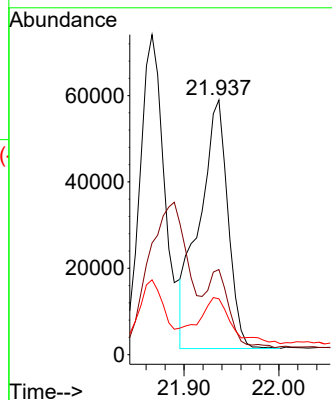
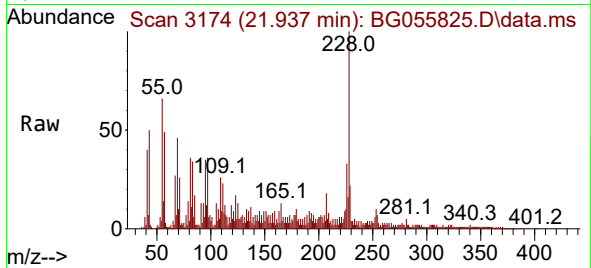




#81
Benzo(a)anthracene
Concen: 6.690 ng
RT: 21.937 min Scan# 3167
Delta R.T. 0.074 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

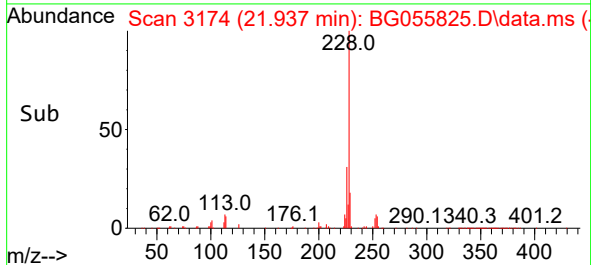
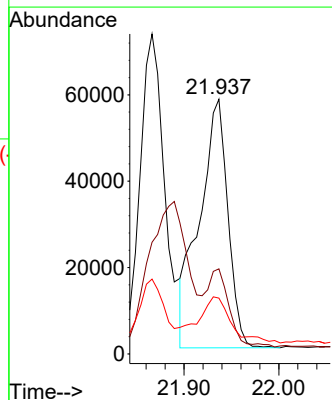
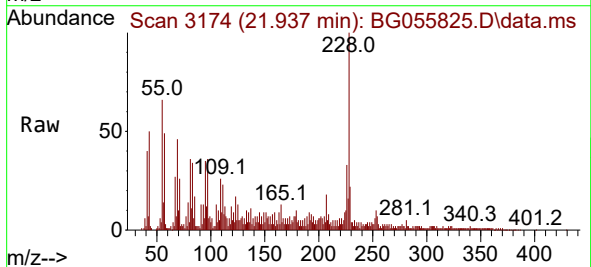
Instrument :
BNA_G
ClientSampleId :
B-7SDL

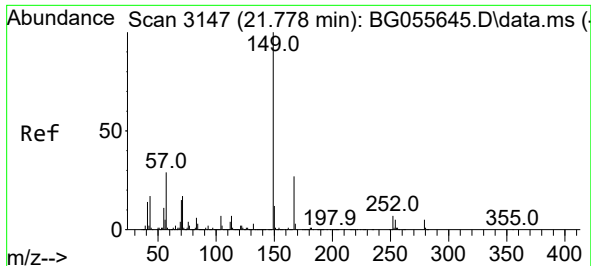
Tgt Ion:228 Resp: 120607
Ion Ratio Lower Upper
228 100
226 33.4 22.7 34.1
229 21.9 16.5 24.7



#83
Chrysene
Concen: 7.027 ng
RT: 21.937 min Scan# 3174
Delta R.T. 0.003 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:228 Resp: 120607
Ion Ratio Lower Upper
228 100
226 33.4 25.4 38.2
229 21.9 17.1 25.7

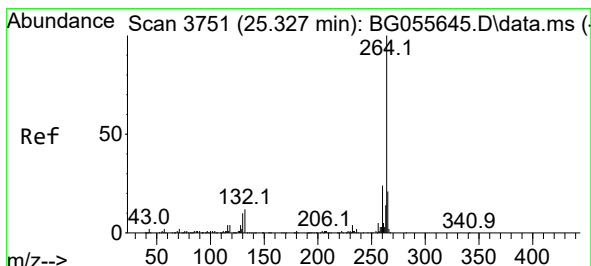
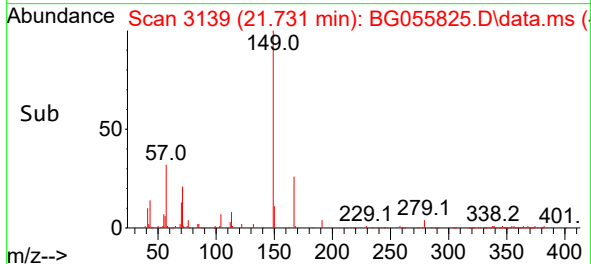
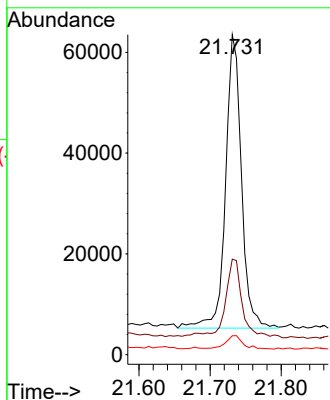
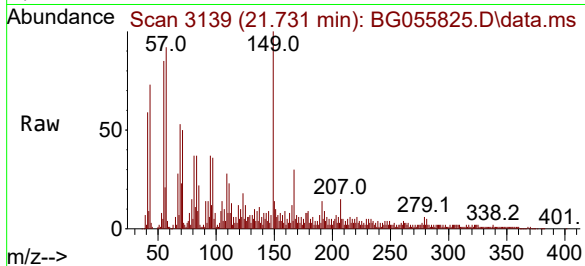




#84
Bis(2-ethylhexyl)phthalate
Concen: 9.048 ng
RT: 21.731 min Scan# 3147
Delta R.T. 0.004 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

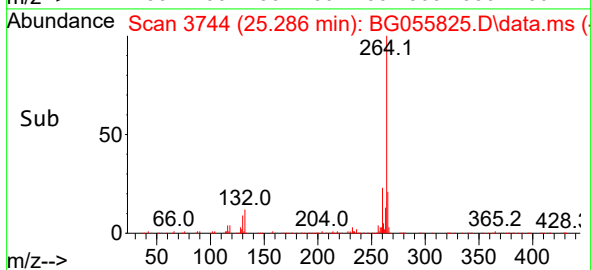
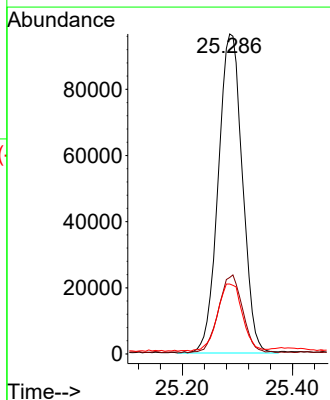
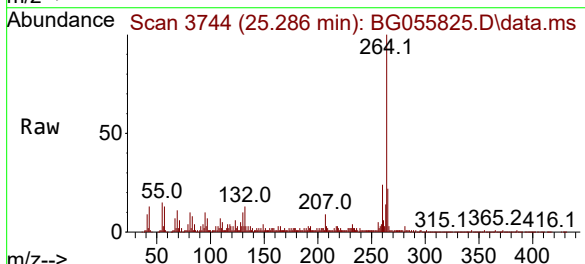
Instrument :
BNA_G
ClientSampleId :
B-7SDL

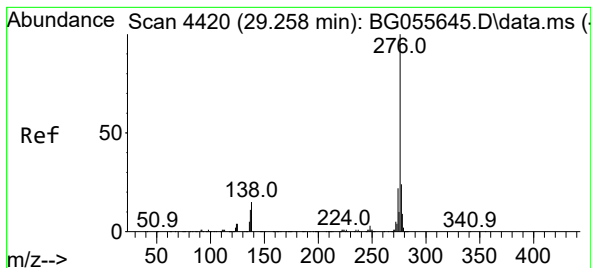
Tgt Ion:149 Resp: 90190
Ion Ratio Lower Upper
149 100
167 29.8 22.0 33.0
279 5.9 3.7 5.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.286 min Scan# 3744
Delta R.T. 0.015 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:264 Resp: 293340
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.099 ng

RT: 29.187 min Scan# 4420

Delta R.T. -0.002 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

Instrument :

BNA_G

ClientSampleId :

B-7SDL

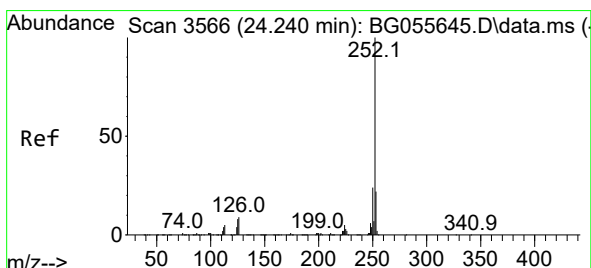
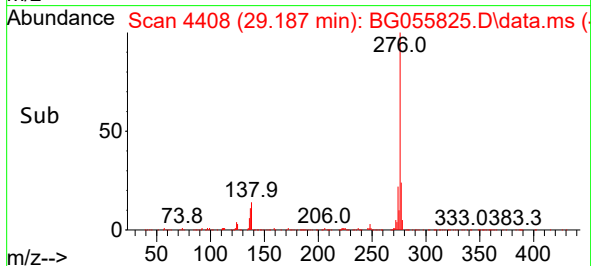
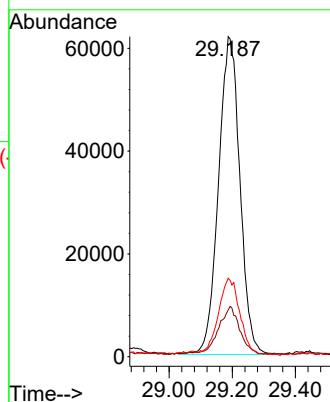
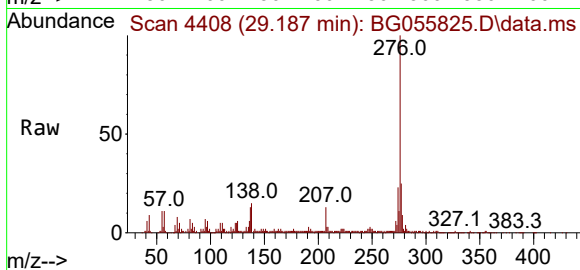
Tgt Ion:276 Resp: 290750

Ion Ratio Lower Upper

276 100

138 14.4 10.4 15.6

277 23.9 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 17.498 ng

RT: 24.205 min Scan# 3560

Delta R.T. 0.015 min

Lab File: BG055825.D

Acq: 29 Nov 2022 12:34

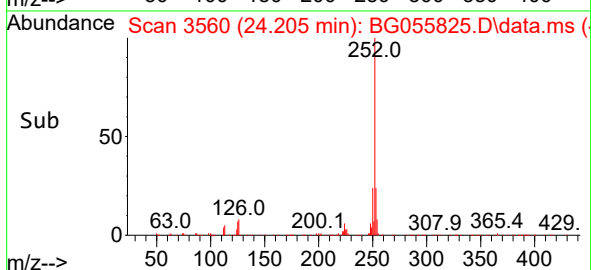
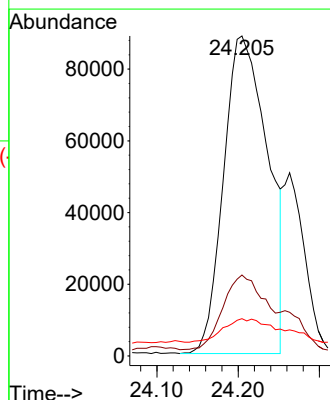
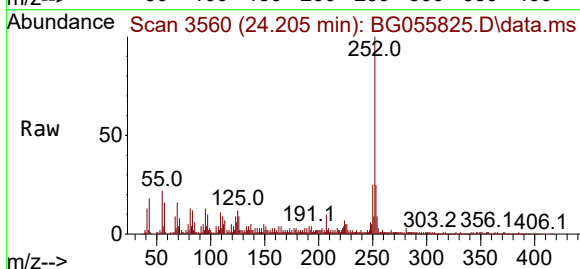
Tgt Ion:252 Resp: 334273

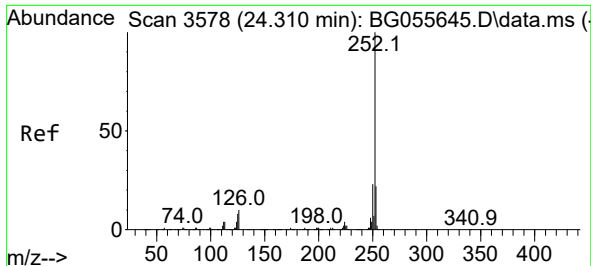
Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

125 11.6 6.2 9.2#

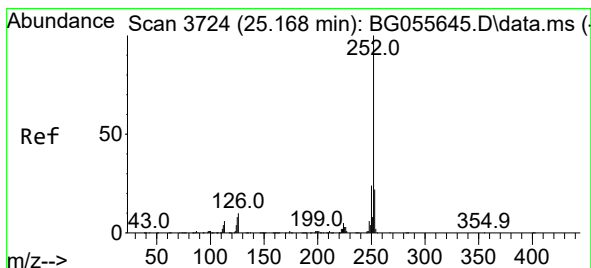
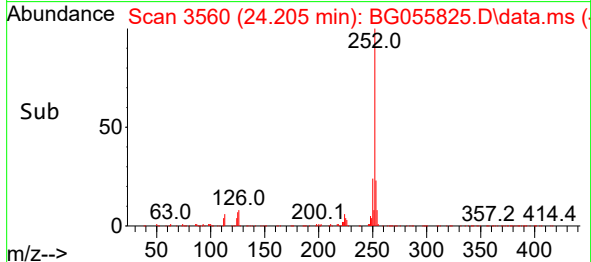
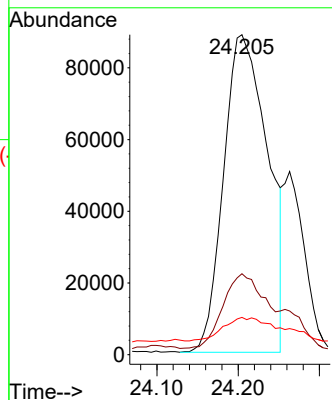
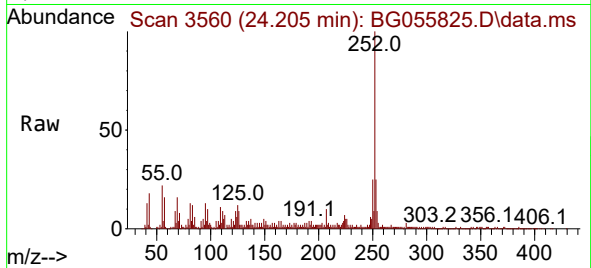




#89
Benzo(k)fluoranthene
Concen: 17.554 ng
RT: 24.205 min Scan# 31
Delta R.T. -0.061 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

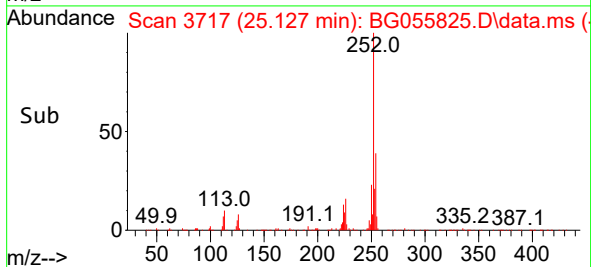
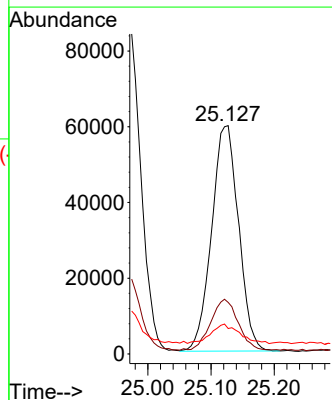
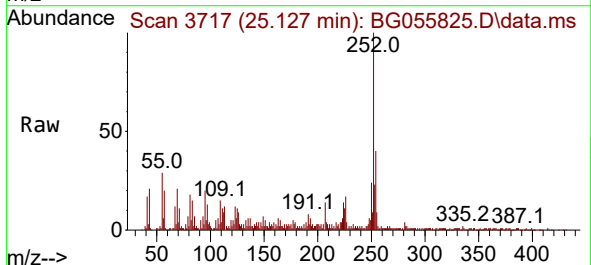
Instrument :
BNA_G
ClientSampleId :
B-7SDL

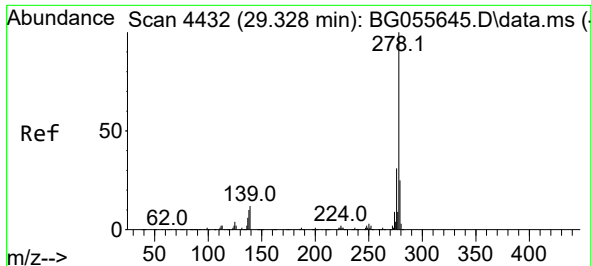
Tgt Ion:252 Resp: 334273
Ion Ratio Lower Upper
252 100
253 25.3 17.8 26.6
125 11.6 6.1 9.1#



#90
Benzo(a)pyrene
Concen: 10.756 ng
RT: 25.127 min Scan# 3717
Delta R.T. 0.009 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:252 Resp: 176337
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.2 6.4 9.6#

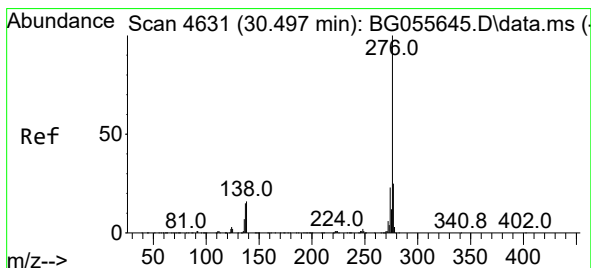
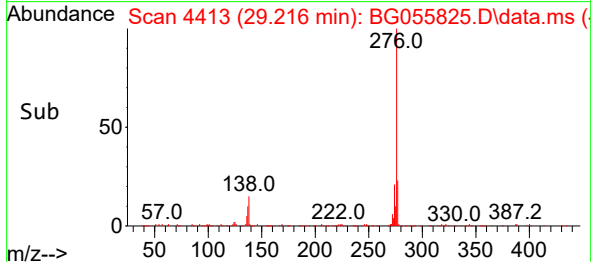
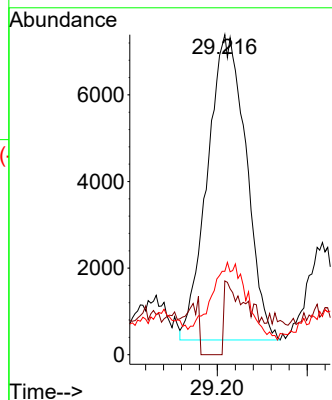
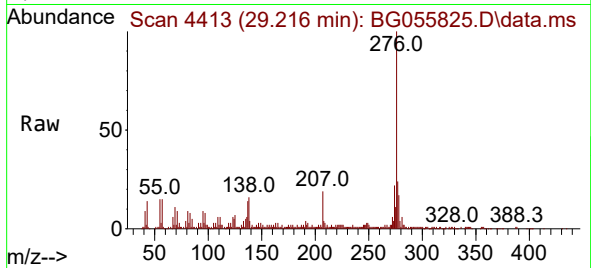




#91
Dibenzo(a,h)anthracene
Concen: 2.150 ng
RT: 29.216 min Scan# 4432
Delta R.T. -0.032 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Instrument :
BNA_G
ClientSampleId :
B-7SDL

Tgt Ion:278 Resp: 42212
Ion Ratio Lower Upper
278 100
139 23.1 9.8 14.8#
279 26.0 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 27.023 ng
RT: 30.427 min Scan# 4619
Delta R.T. 0.009 min
Lab File: BG055825.D
Acq: 29 Nov 2022 12:34

Tgt Ion:276 Resp: 534843
Ion Ratio Lower Upper
276 100
277 24.4 19.8 29.6
138 15.7 13.1 19.7

