

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055882.D
 Acq On : 2 Dec 2022 20:31
 Operator : CG/JU
 Sample : N5845-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120122

Quant Time: Dec 03 04:31:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

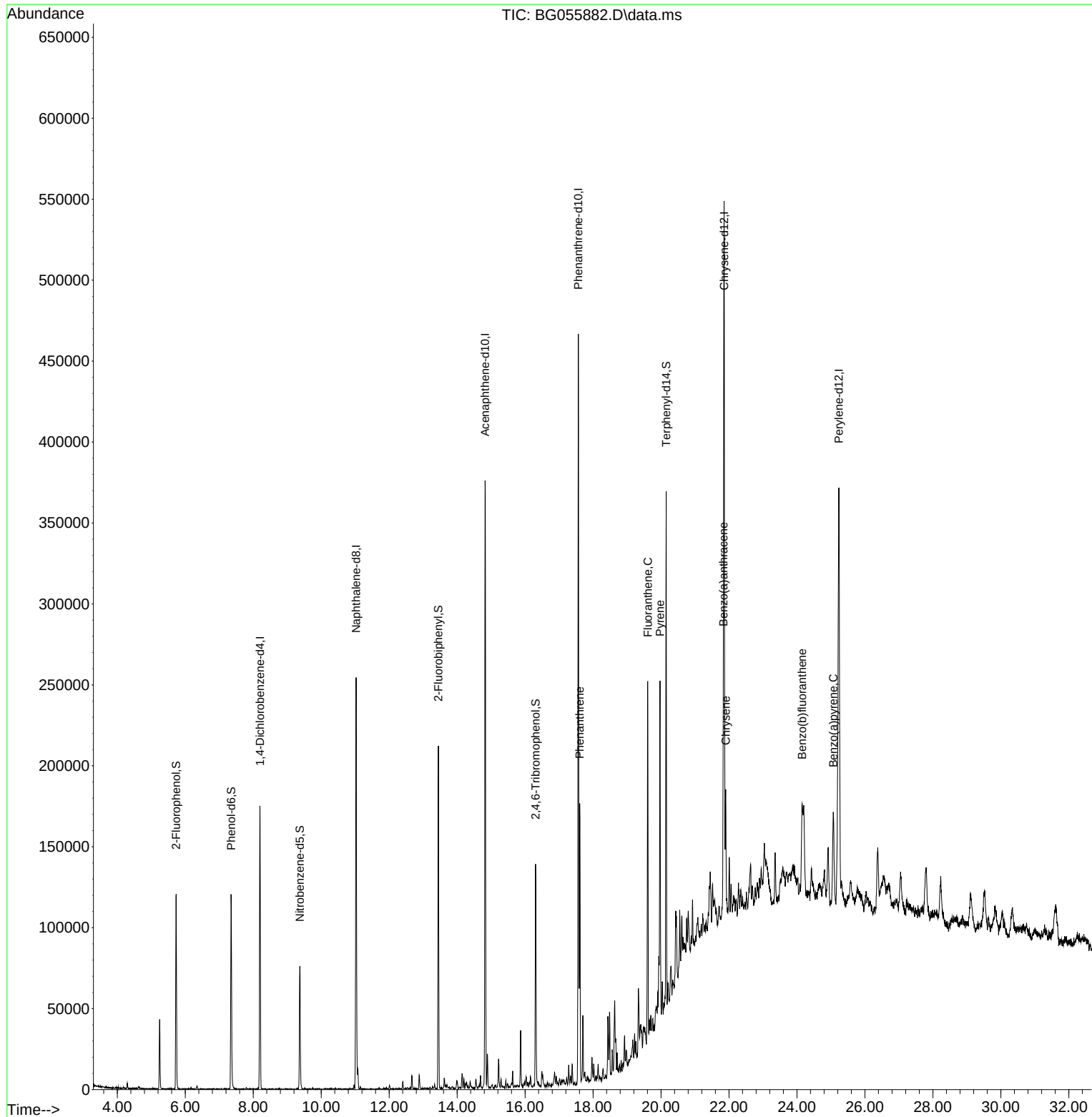
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	51437	20.000	ng	0.00
21) Naphthalene-d8	11.028	136	212710	20.000	ng	0.00
39) Acenaphthene-d10	14.824	164	138348	20.000	ng	-0.02
64) Phenanthrene-d10	17.567	188	287236	20.000	ng	0.00
76) Chrysene-d12	21.857	240	271628	20.000	ng	0.00
86) Perylene-d12	25.235	264	286530	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	55305	19.434	ng	0.00
7) Phenol-d6	7.350	99	72525	19.145	ng	0.00
23) Nitrobenzene-d5	9.371	82	46893	11.652	ng	-0.02
42) 2,4,6-Tribromophenol	16.310	330	30498	15.655	ng	-0.02
45) 2-Fluorobiphenyl	13.449	172	108306	11.728	ng	0.00
79) Terphenyl-d14	20.153	244	153323	11.290	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.609	178	111403	7.187	ng	99
75) Fluoranthene	19.612	202	141005	7.477	ng	100
78) Pyrene	19.971	202	130125	7.077	ng	99
81) Benzo(a)anthracene	21.833	228	65846	3.520	ng	98
83) Chrysene	21.904	228	60989	3.424	ng	98
88) Benzo(b)fluoranthene	24.154	252	77554	4.156	ng	# 94
90) Benzo(a)pyrene	25.070	252	61323	3.830	ng	# 93

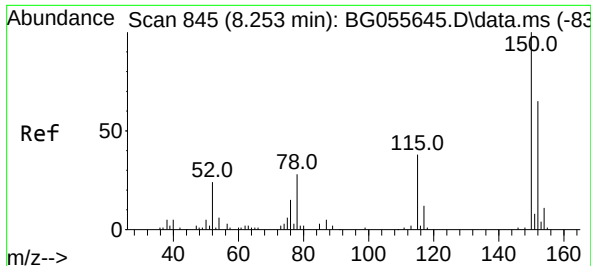
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
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Sample : N5845-01 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Time: Dec 03 04:31:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration

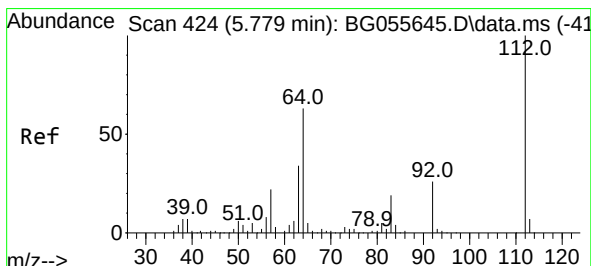
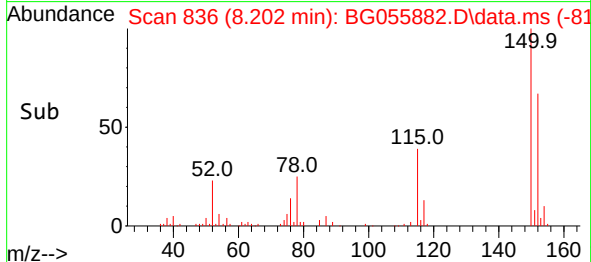
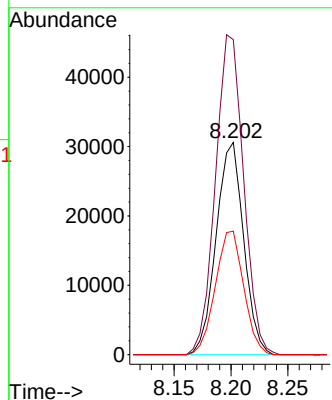
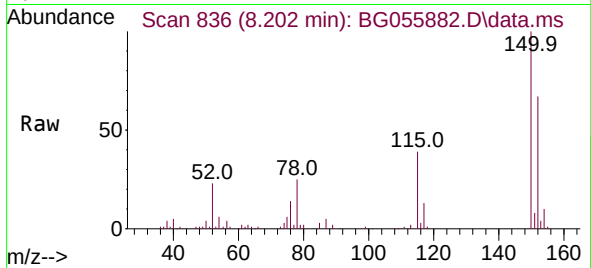




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.202 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: BG055882.D
 Acq: 2 Dec 2022 20:31

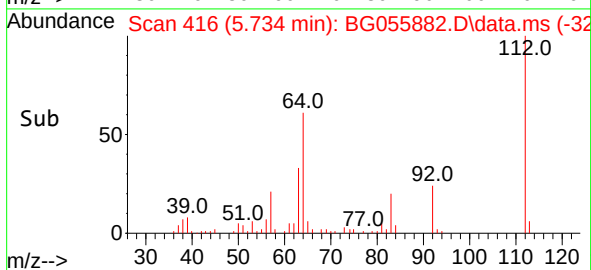
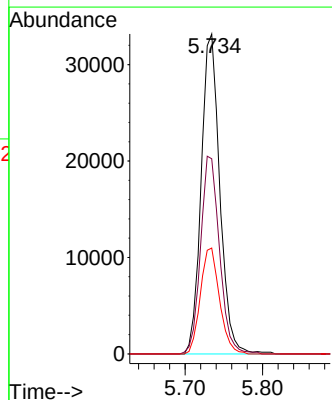
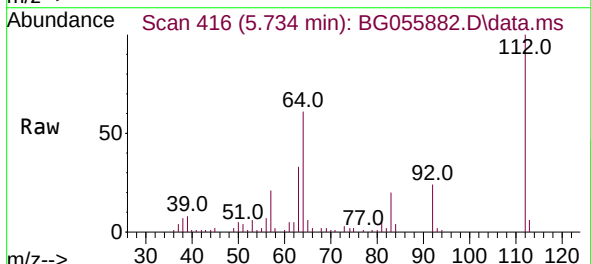
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120122

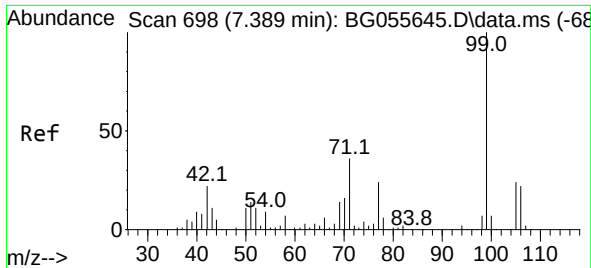
Tgt Ion:152 Resp: 51437
 Ion Ratio Lower Upper
 152 100
 150 148.4 123.0 184.6
 115 58.2 47.0 70.4



#5
 2-Fluorophenol
 Concen: 19.434 ng
 RT: 5.734 min Scan# 416
 Delta R.T. -0.003 min
 Lab File: BG055882.D
 Acq: 2 Dec 2022 20:31

Tgt Ion:112 Resp: 55305
 Ion Ratio Lower Upper
 112 100
 64 61.0 50.6 76.0
 63 33.1 27.5 41.3

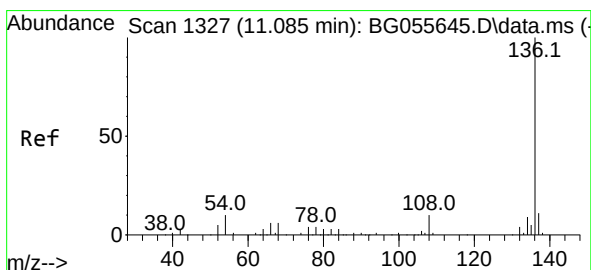
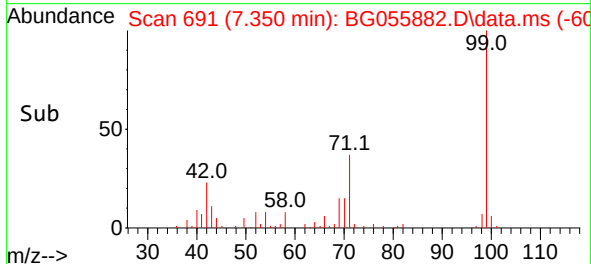
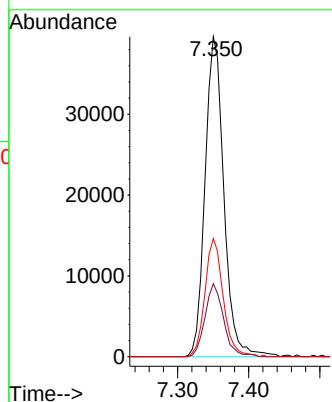
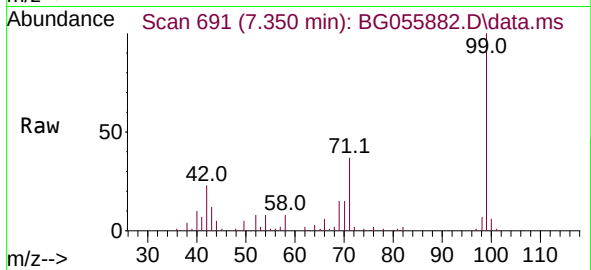




#7
Phenol-d6
Concen: 19.145 ng
RT: 7.350 min Scan# 69
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

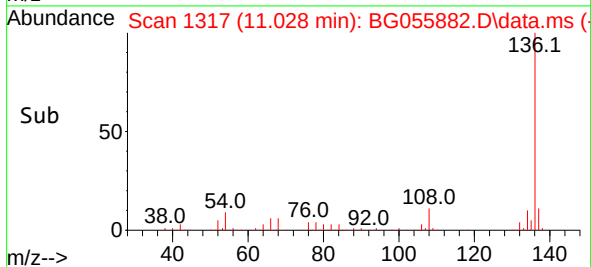
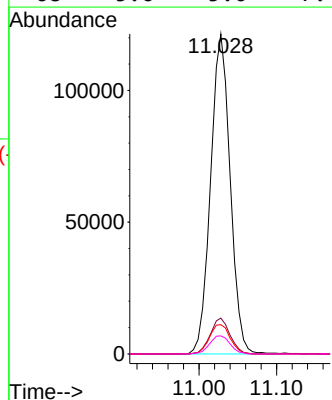
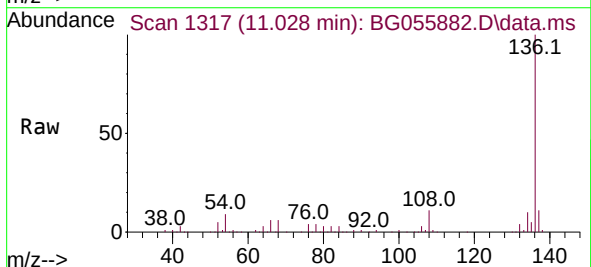
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

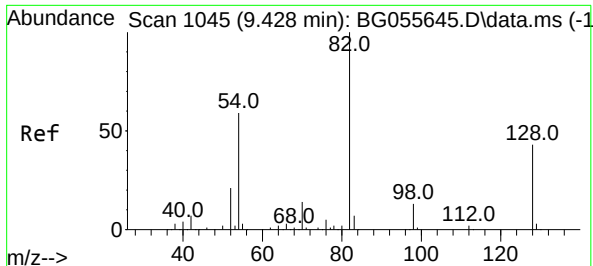
Tgt Ion: 99 Resp: 72525
Ion Ratio Lower Upper
99 100
42 22.8 18.0 27.0
71 36.9 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.028 min Scan# 1317
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:136 Resp: 212710
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.1 7.8 11.6
68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 11.652 ng

RT: 9.371 min Scan# 1045

Delta R.T. -0.015 min

Lab File: BG055882.D

Acq: 2 Dec 2022 20:31

Instrument :

BNA_G

ClientSampleId :

OR-03-120122

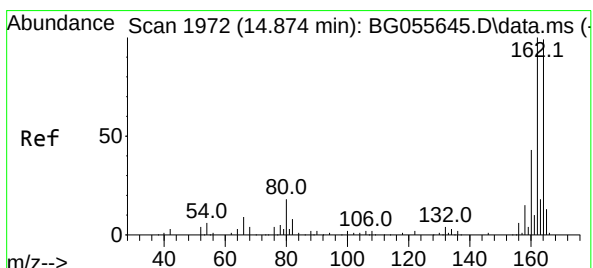
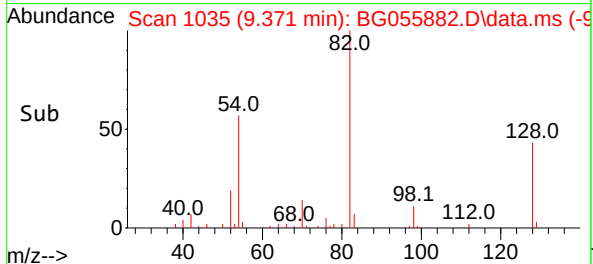
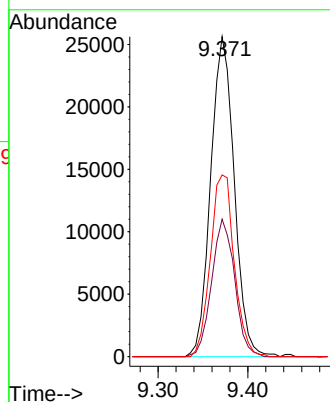
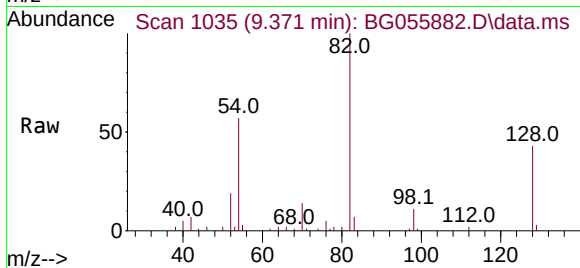
Tgt Ion: 82 Resp: 46893

Ion Ratio Lower Upper

82 100

128 42.9 34.1 51.1

54 56.8 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.824 min Scan# 1963

Delta R.T. -0.015 min

Lab File: BG055882.D

Acq: 2 Dec 2022 20:31

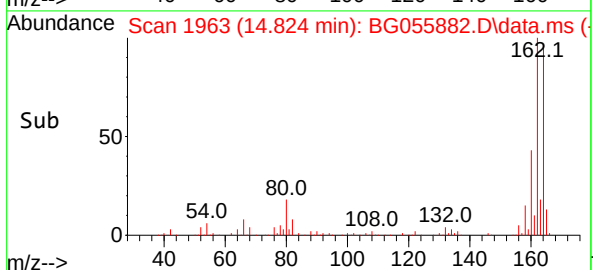
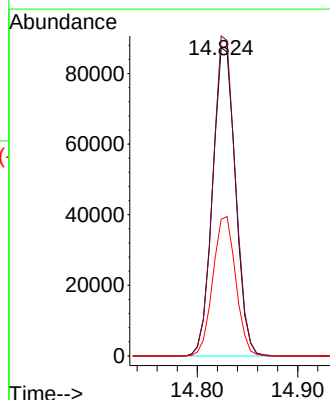
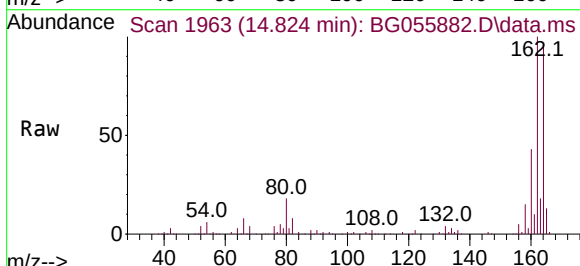
Tgt Ion:164 Resp: 138348

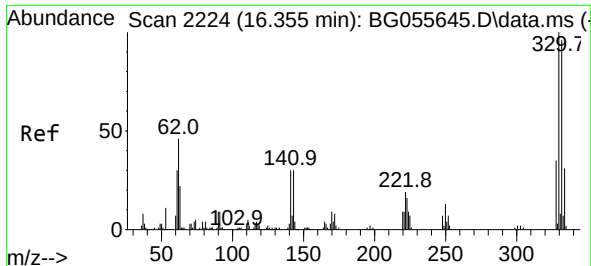
Ion Ratio Lower Upper

164 100

162 103.8 81.1 121.7

160 44.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 15.655 ng

RT: 16.310 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG055882.D

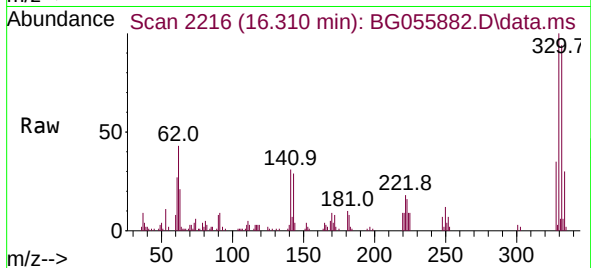
Acq: 2 Dec 2022 20:31

Instrument :

BNA_G

ClientSampleId :

OR-03-120122



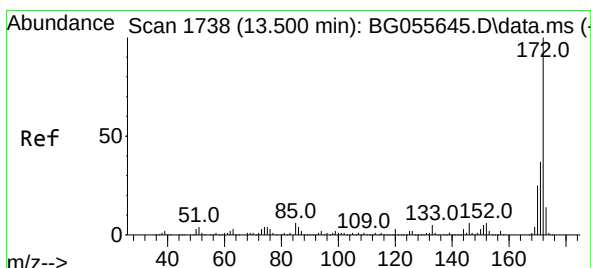
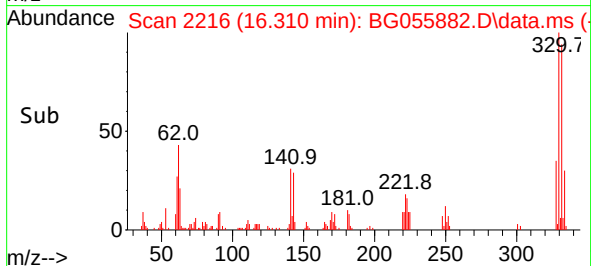
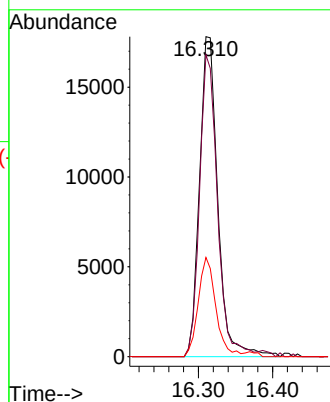
Tgt Ion:330 Resp: 30498

Ion Ratio Lower Upper

330 100

332 92.4 77.8 116.8

141 30.1 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 11.728 ng

RT: 13.449 min Scan# 1729

Delta R.T. -0.009 min

Lab File: BG055882.D

Acq: 2 Dec 2022 20:31

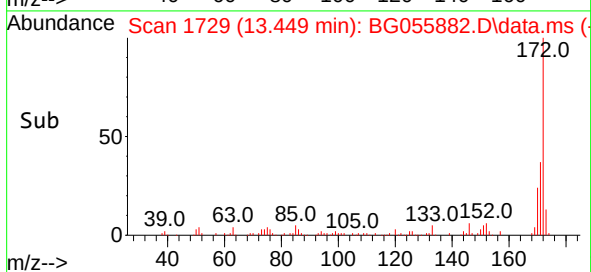
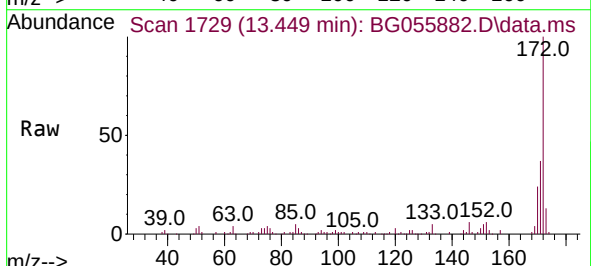
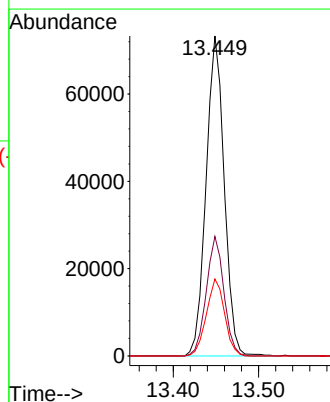
Tgt Ion:172 Resp: 108306

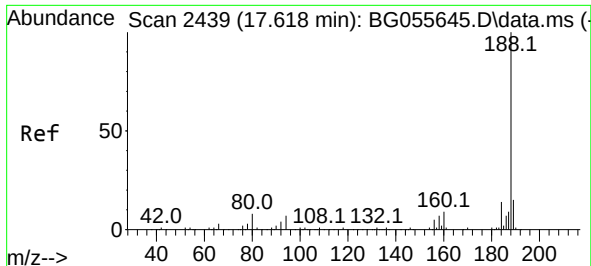
Ion Ratio Lower Upper

172 100

171 37.3 29.8 44.6

170 24.0 20.2 30.4

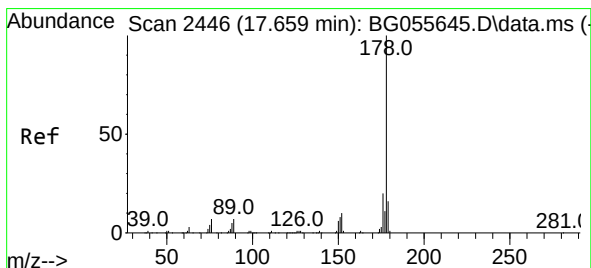
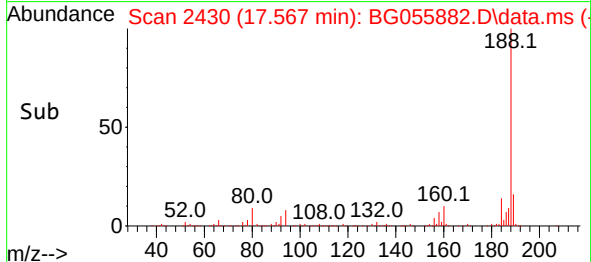
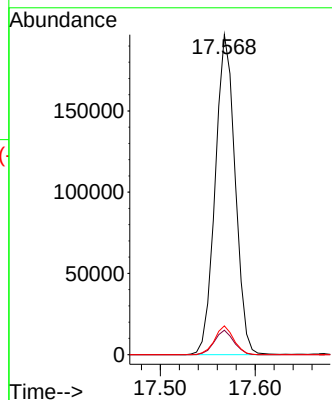
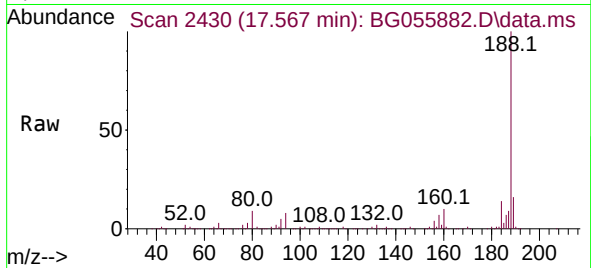




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.567 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

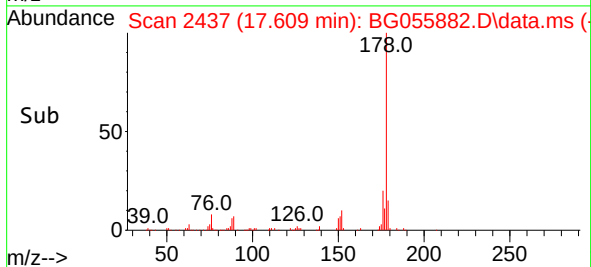
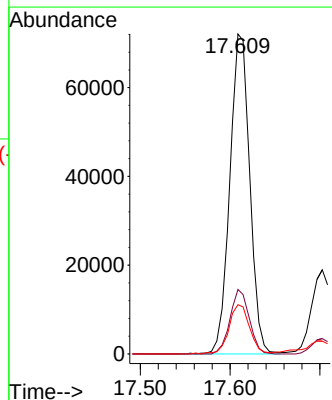
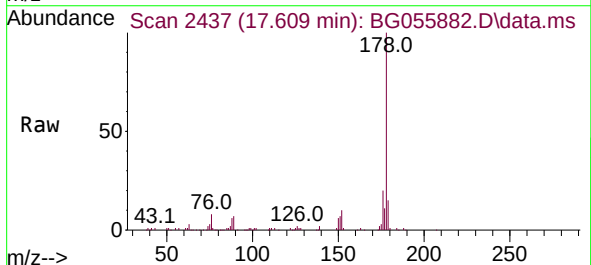
Instrument :
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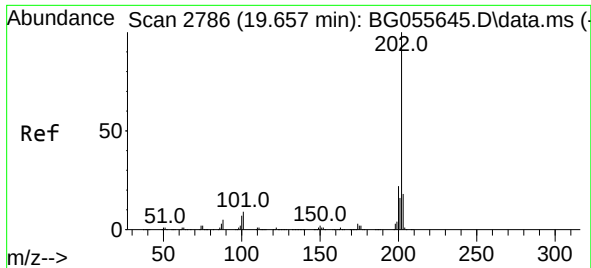
Tgt Ion:188 Resp: 287236
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 9.0 6.6 10.0



#71
Phenanthrene
Concen: 7.187 ng
RT: 17.609 min Scan# 2437
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:178 Resp: 111403
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 15.4 12.7 19.1

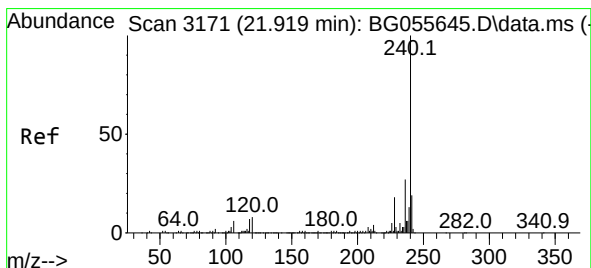
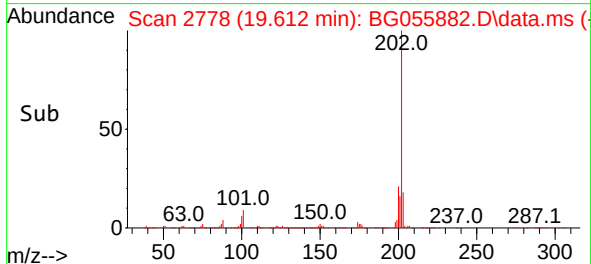
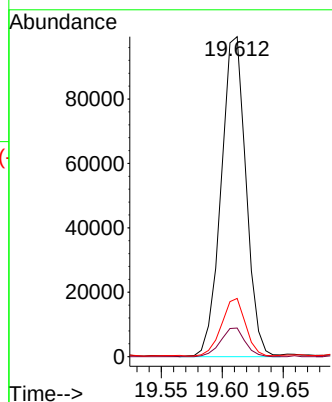
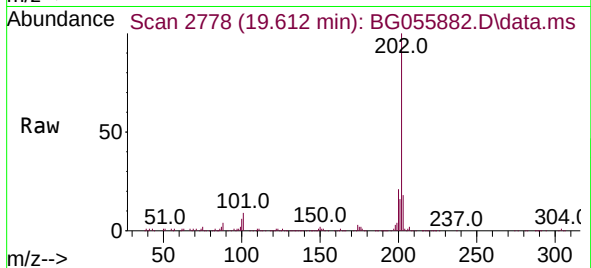




#75
Fluoranthene
Concen: 7.477 ng
RT: 19.612 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

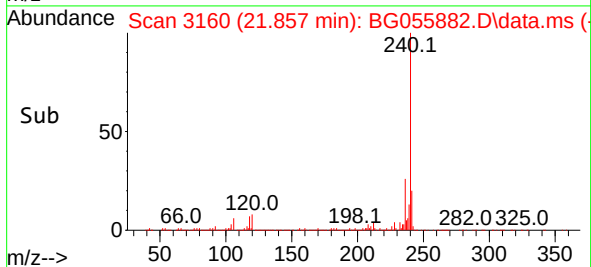
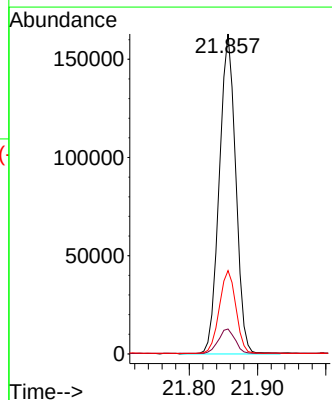
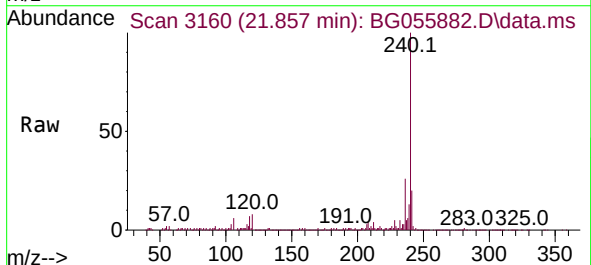
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

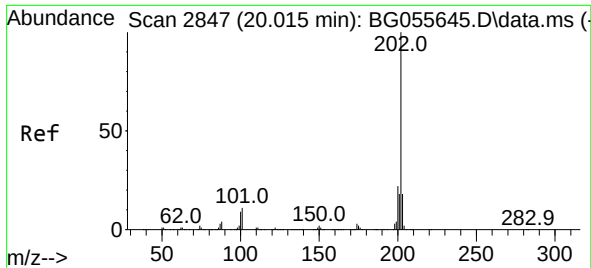
Tgt Ion:202 Resp: 141005
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.8
203 18.2 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.857 min Scan# 3160
Delta R.T. -0.009 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:240 Resp: 271628
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.0 21.9 32.9

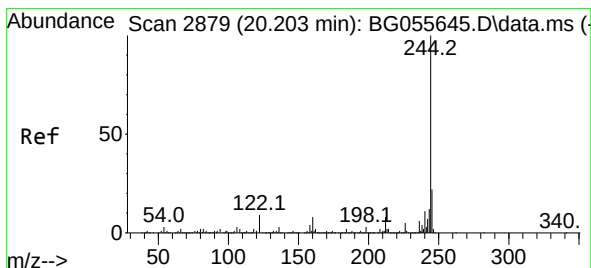
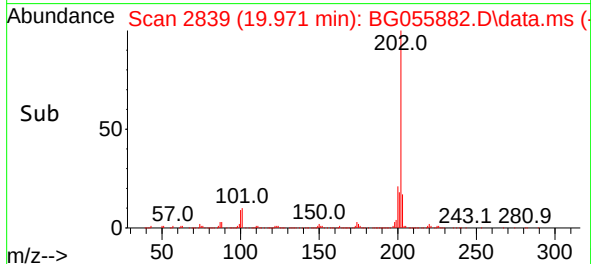
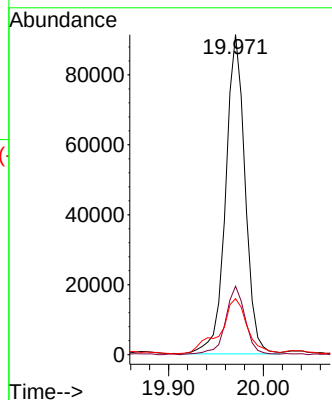
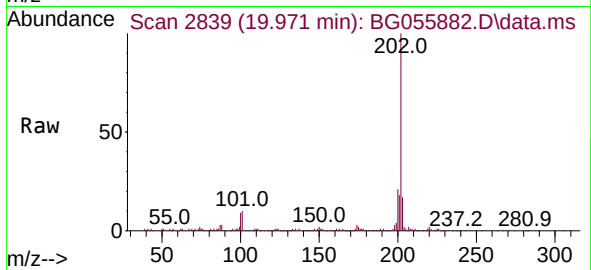




#78
 Pyrene
 Concen: 7.077 ng
 RT: 19.971 min Scan# 2847
 Delta R.T. -0.009 min
 Lab File: BG055882.D
 Acq: 2 Dec 2022 20:31

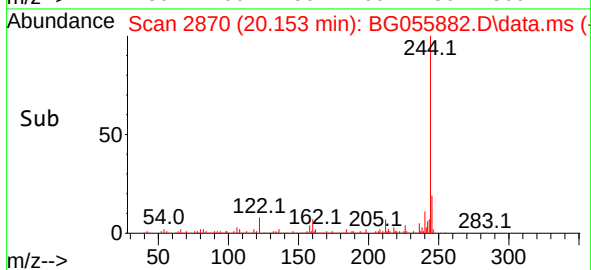
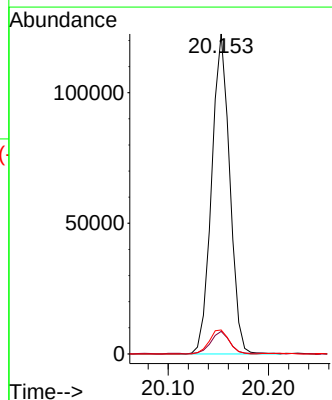
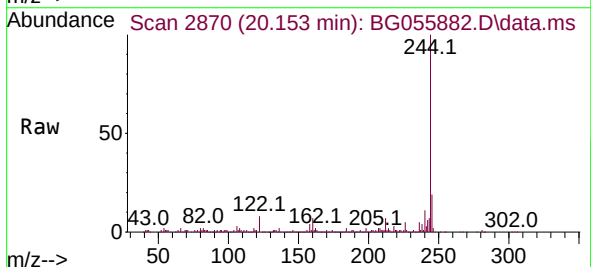
Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120122

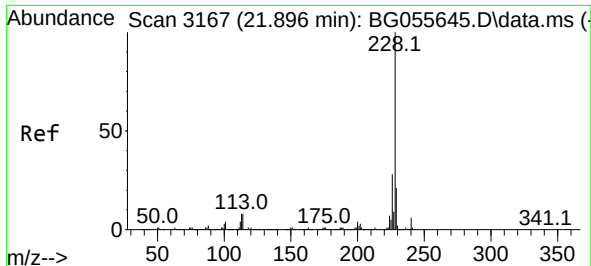
Tgt Ion:202	Resp:	130125
Ion Ratio	Lower	Upper
202	100	
200	21.4	17.8 26.6
203	17.5	14.4 21.6



#79
 Terphenyl-d14
 Concen: 11.290 ng
 RT: 20.153 min Scan# 2870
 Delta R.T. -0.009 min
 Lab File: BG055882.D
 Acq: 2 Dec 2022 20:31

Tgt Ion:244	Resp:	153323
Ion Ratio	Lower	Upper
244	100	
212	7.1	6.3 9.5
122	7.5	6.9 10.3

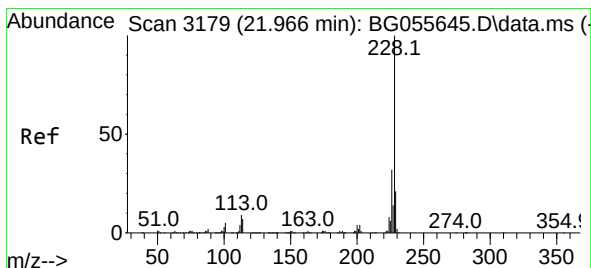
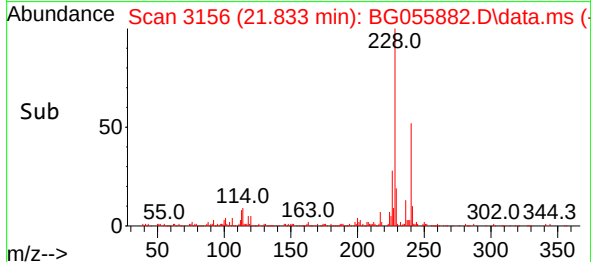
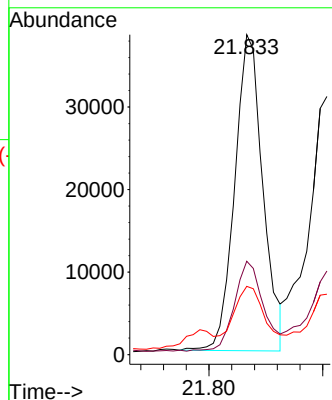
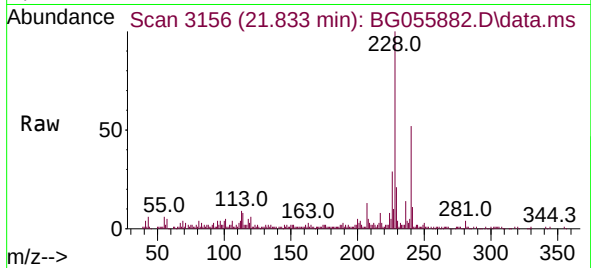




#81
Benzo(a)anthracene
Concen: 3.520 ng
RT: 21.833 min Scan# 3167
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

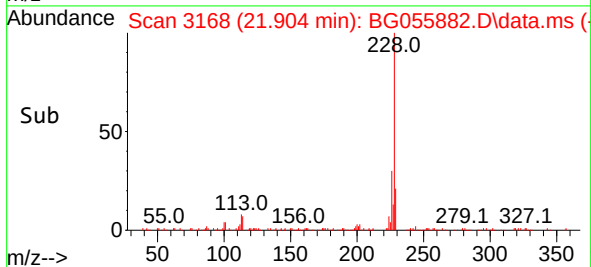
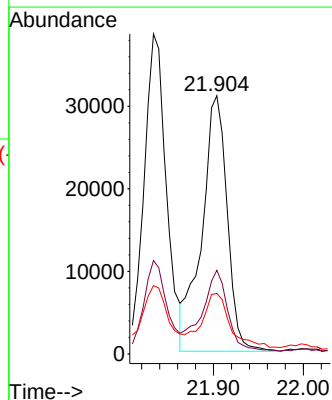
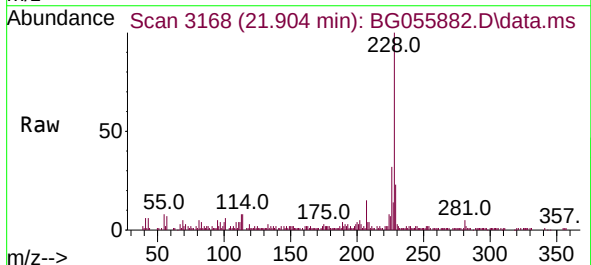
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

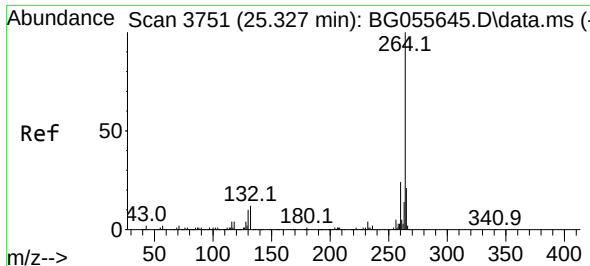
Tgt Ion:228 Resp: 65846
Ion Ratio Lower Upper
228 100
226 29.2 22.7 34.1
229 21.3 16.5 24.7



#83
Chrysene
Concen: 3.424 ng
RT: 21.904 min Scan# 3168
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

Tgt Ion:228 Resp: 60989
Ion Ratio Lower Upper
228 100
226 32.4 25.4 38.2
229 23.4 17.1 25.7

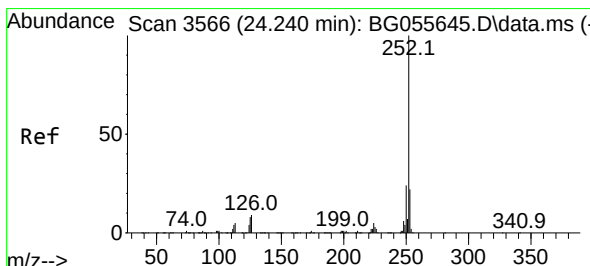
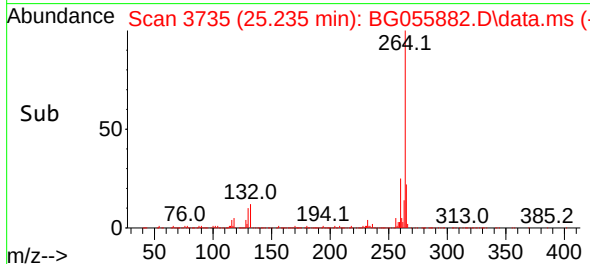
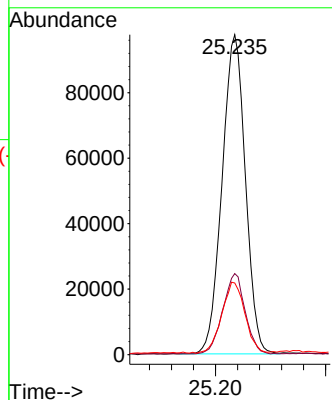
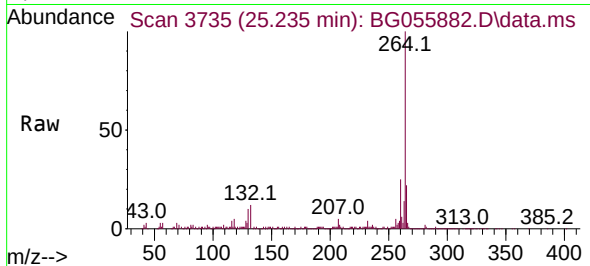




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.235 min Scan# 31
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

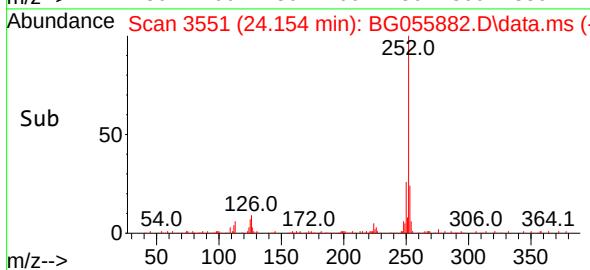
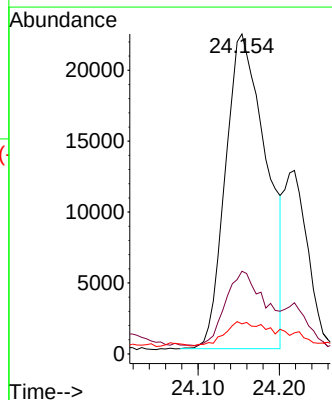
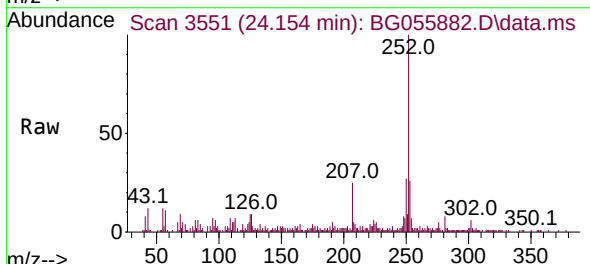
Instrument :
BNA_G
ClientSampleId :
OR-03-120122

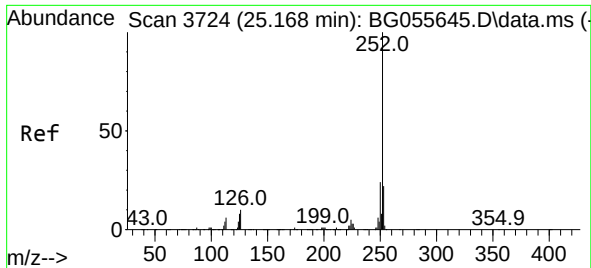
Tgt Ion:264 Resp: 286530
Ion Ratio Lower Upper
264 100
260 25.3 19.5 29.3
265 22.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 4.156 ng
RT: 24.154 min Scan# 3551
Delta R.T. -0.015 min
Lab File: BG055882.D
Acq: 2 Dec 2022 20:31

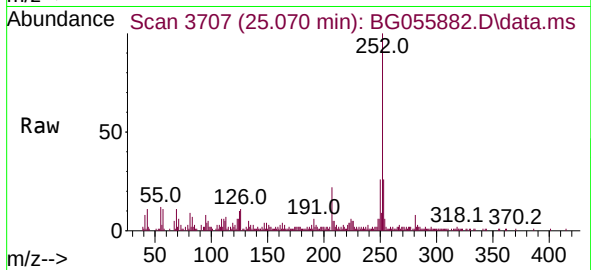
Tgt Ion:252 Resp: 77554
Ion Ratio Lower Upper
252 100
253 25.8 18.0 27.0
125 9.4 6.2 9.2#





#90
 Benzo(a)pyrene
 Concen: 3.830 ng
 RT: 25.070 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BG055882.D
 Acq: 2 Dec 2022 20:31

Instrument :
 BNA_G
 ClientSampleId :
 OR-03-120122



Tgt Ion:252 Resp: 61323
 Ion Ratio Lower Upper
 252 100
 253 26.0 17.8 26.6
 125 9.8 6.4 9.6#

