

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120122\
 Data File : BG055867.D
 Acq On : 1 Dec 2022 22:46
 Operator : CG/JU
 Sample : N5818-04 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-113022

Quant Time: Dec 02 04:13:10 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)

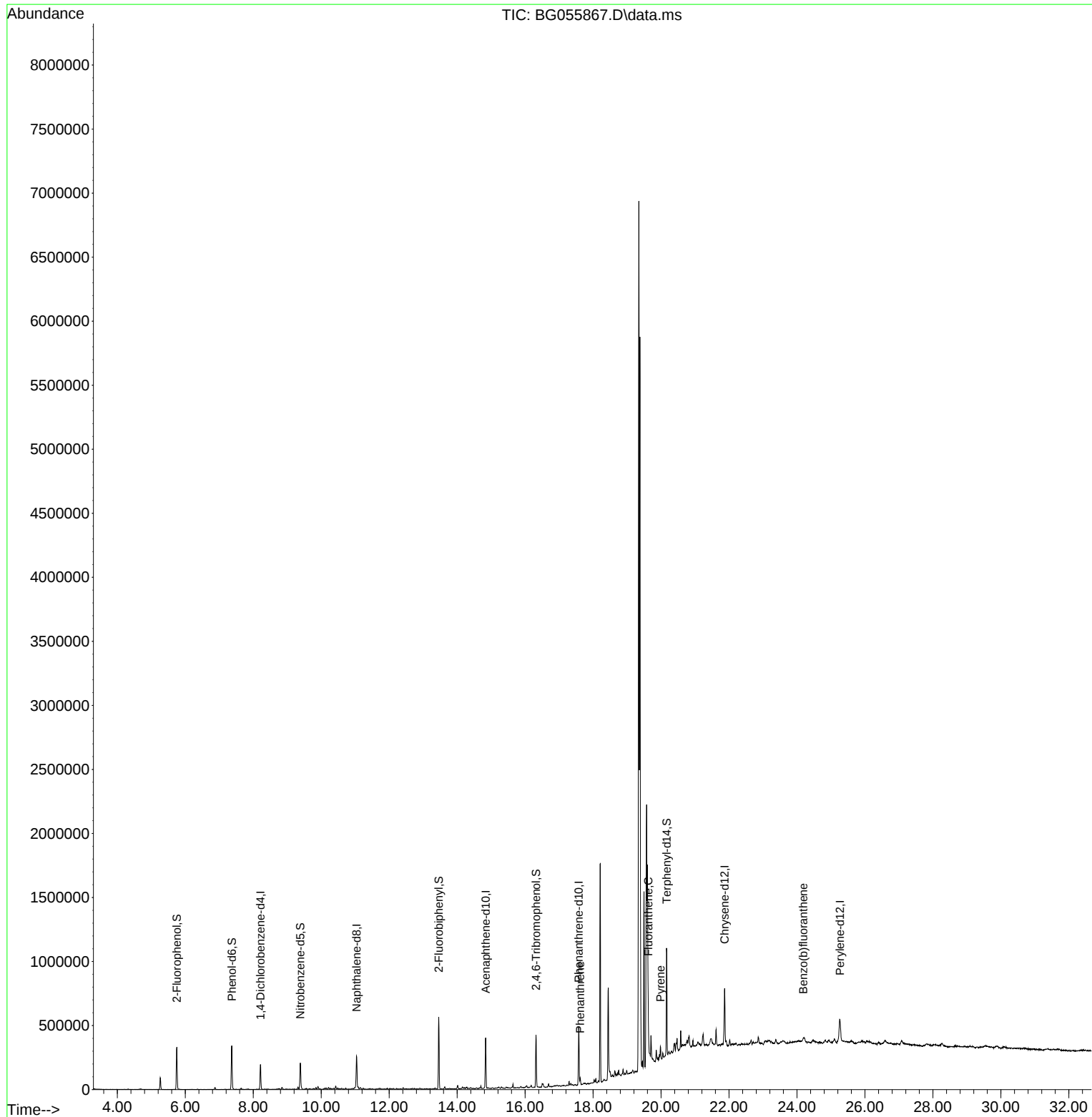
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.211	152	57439	20.000	ng	0.00
21) Naphthalene-d8	11.037	136	220027	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	143763	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	299934	20.000	ng	0.00
76) Chrysene-d12	21.872	240	282704	20.000	ng	0.00
86) Perylene-d12	25.262	264	249048	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	151916	47.806	ng	0.01
7) Phenol-d6	7.365	99	193685	45.787	ng	0.00
23) Nitrobenzene-d5	9.380	82	122885	29.519	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	87641	43.293	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	291915	30.420	ng	0.00
79) Terphenyl-d14	20.162	244	420220	29.731	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.618	178	33415	2.064	ng	97
75) Fluoranthene	19.621	202	43392	2.204	ng	94
78) Pyrene	19.980	202	61907	3.235	ng	97
88) Benzo(b)fluoranthene	24.181	252	36947	2.278	ng	# 71

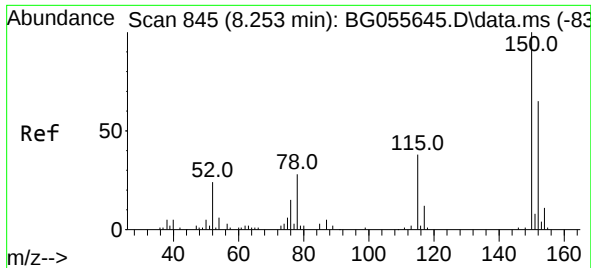
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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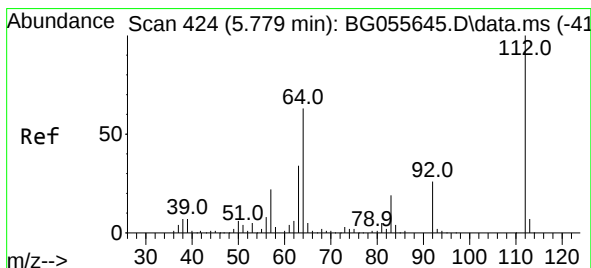
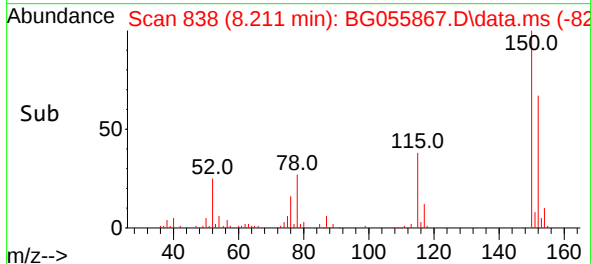
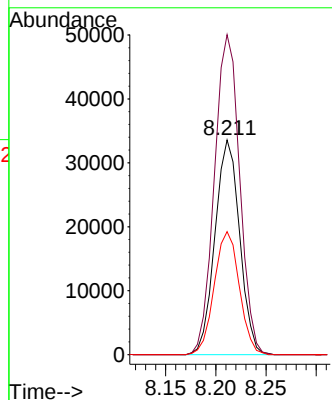
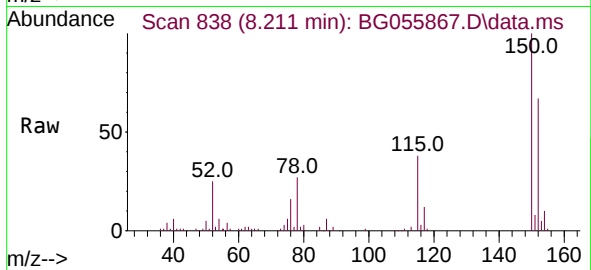




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.211 min Scan# 845
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

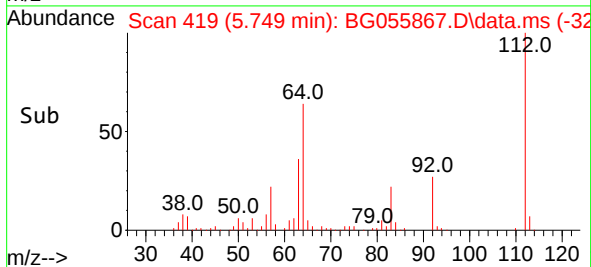
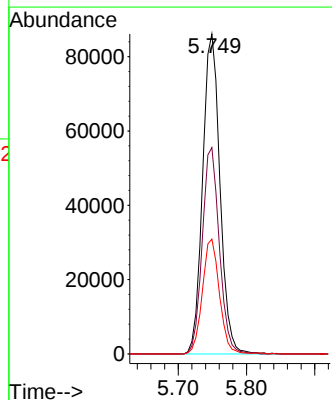
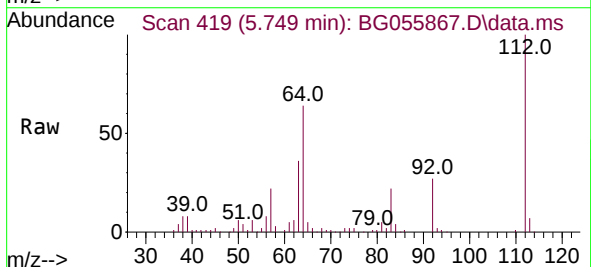
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

Tgt Ion:152 Resp: 57439
Ion Ratio Lower Upper
152 100
150 149.0 123.0 184.6
115 57.3 47.0 70.4



#5
2-Fluorophenol
Concen: 47.806 ng
RT: 5.749 min Scan# 419
Delta R.T. 0.012 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:112 Resp: 151916
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 35.9 27.5 41.3

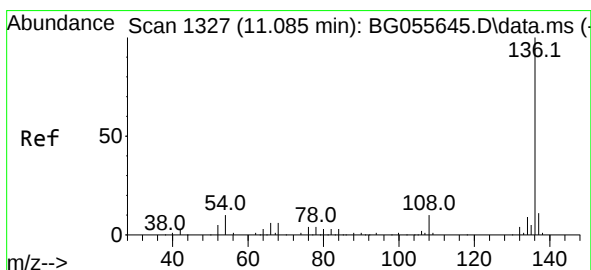
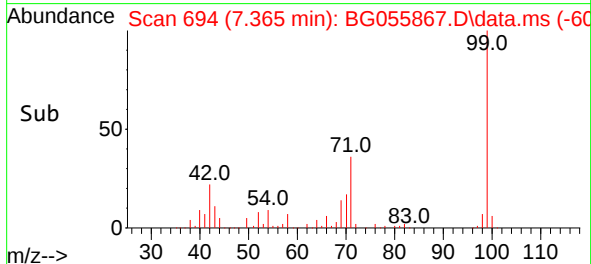
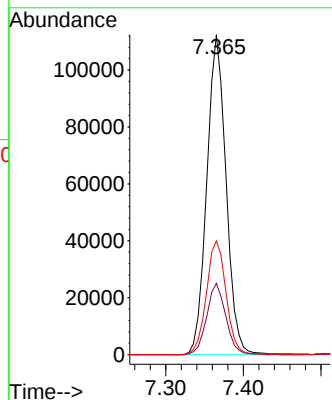
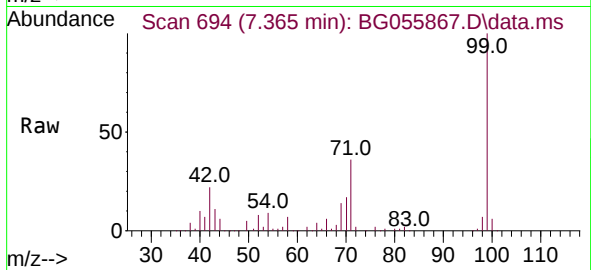




#7
Phenol-d6
Concen: 45.787 ng
RT: 7.365 min Scan# 69
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

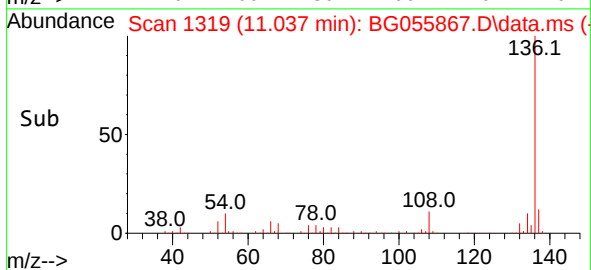
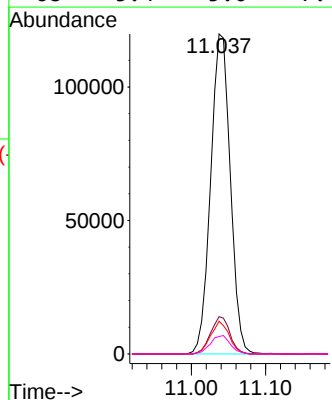
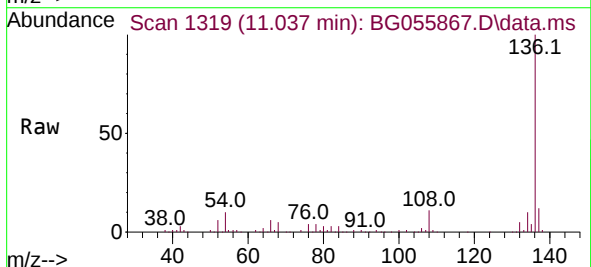
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

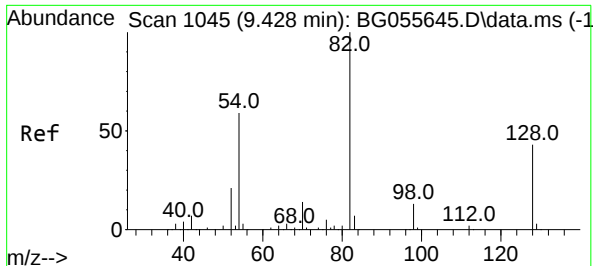
Tgt Ion: 99 Resp: 193685
Ion Ratio Lower Upper
99 100
42 22.3 18.0 27.0
71 35.5 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.037 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion: 136 Resp: 220027
Ion Ratio Lower Upper
136 100
137 11.6 9.0 13.6
54 10.2 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 29.519 ng

RT: 9.380 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

Instrument :

BNA_G

ClientSampleId :

TR-04-113022

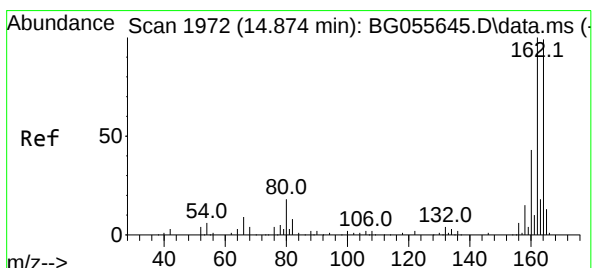
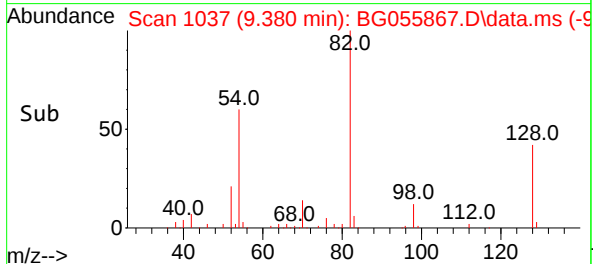
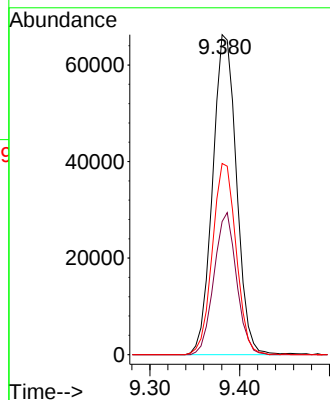
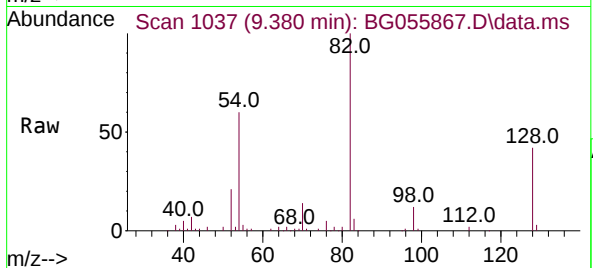
Tgt Ion: 82 Resp: 122885

Ion Ratio Lower Upper

82 100

128 41.6 34.1 51.1

54 59.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 1966

Delta R.T. -0.000 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

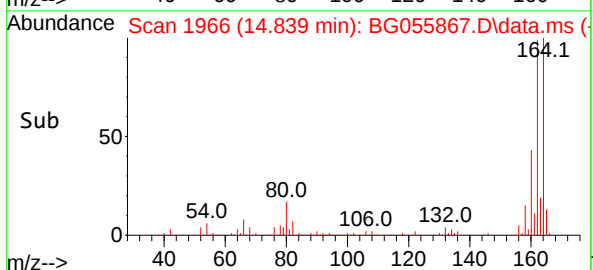
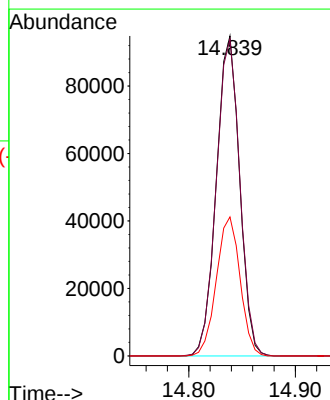
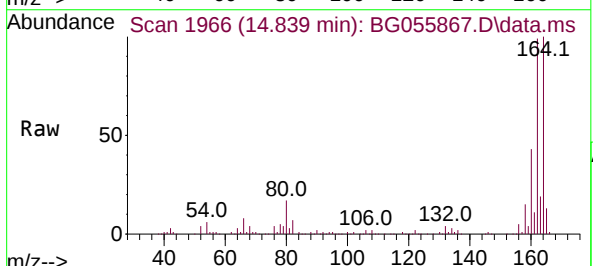
Tgt Ion:164 Resp: 143763

Ion Ratio Lower Upper

164 100

162 99.0 81.1 121.7

160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 43.293 ng

RT: 16.319 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055867.D

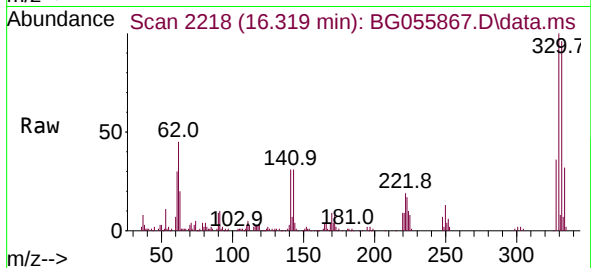
Acq: 1 Dec 2022 22:46

Instrument :

BNA_G

ClientSampleId :

TR-04-113022



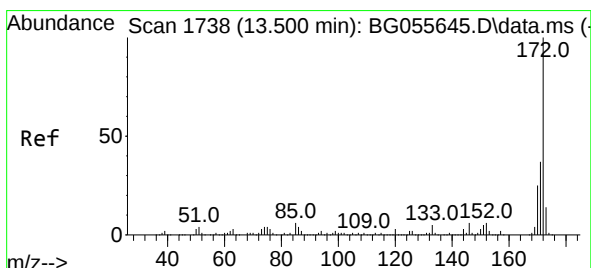
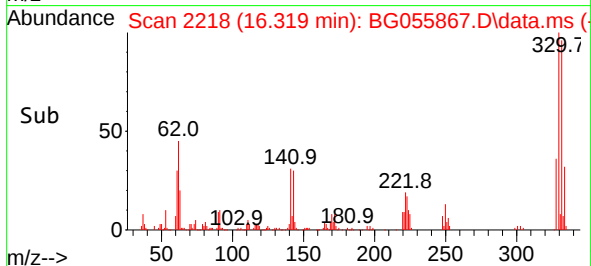
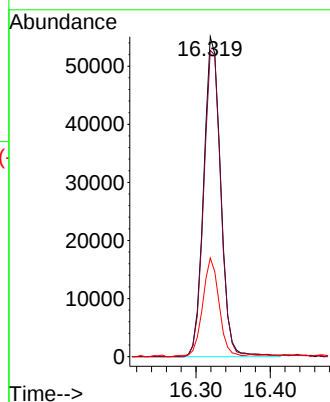
Tgt Ion:330 Resp: 87641

Ion Ratio Lower Upper

330 100

332 96.9 77.8 116.8

141 29.9 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 30.420 ng

RT: 13.458 min Scan# 1731

Delta R.T. -0.000 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

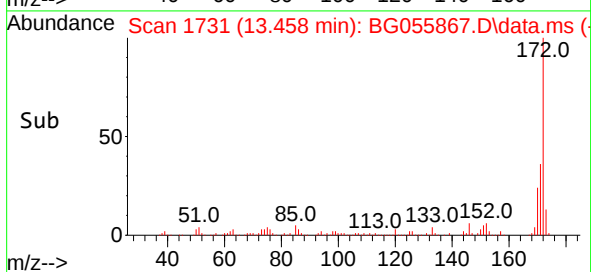
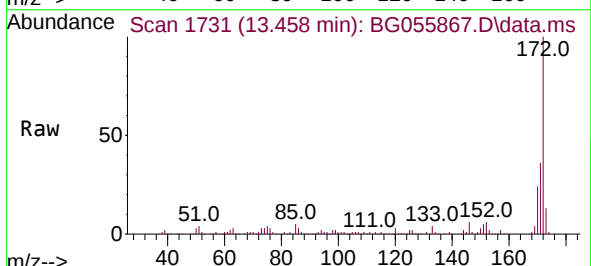
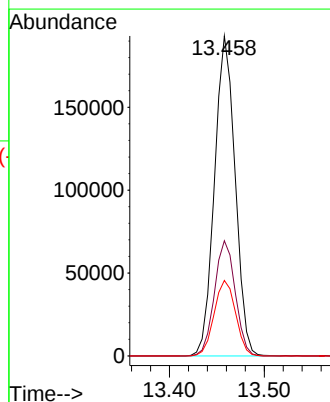
Tgt Ion:172 Resp: 291915

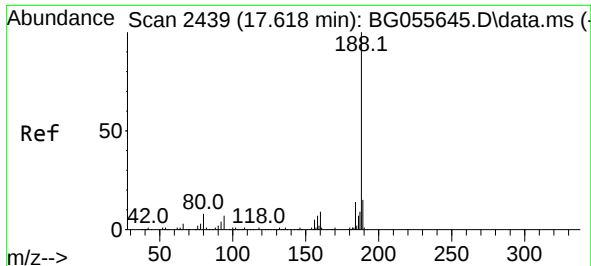
Ion Ratio Lower Upper

172 100

171 36.0 29.8 44.6

170 23.6 20.2 30.4

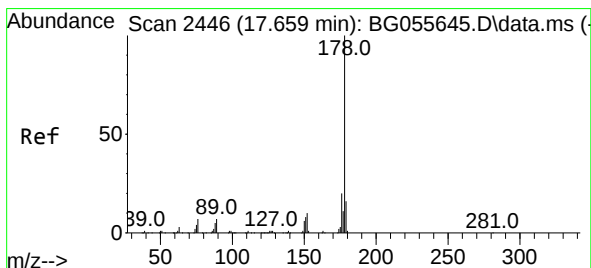
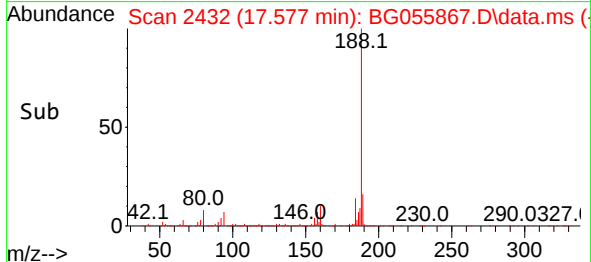
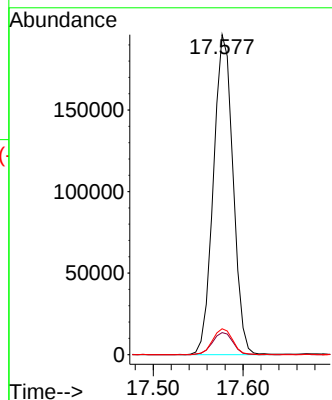
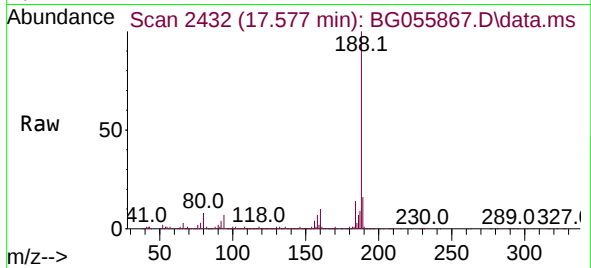




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

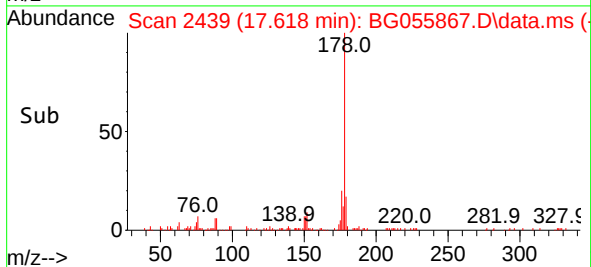
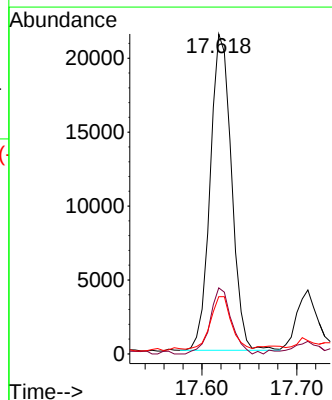
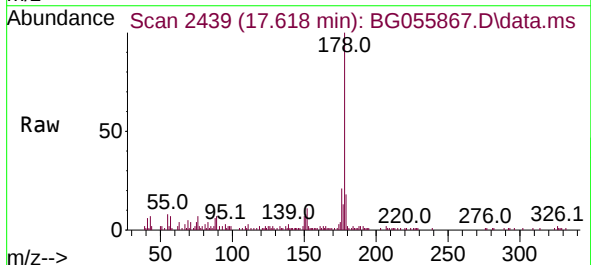
Instrument :
BNA_G
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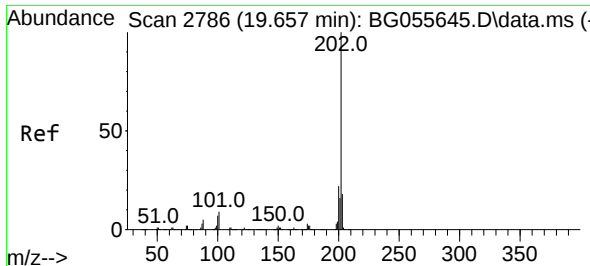
Tgt Ion:188 Resp: 299934
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.2
80 8.1 6.6 10.0



#71
Phenanthrene
Concen: 2.064 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:178 Resp: 33415
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 17.9 12.7 19.1

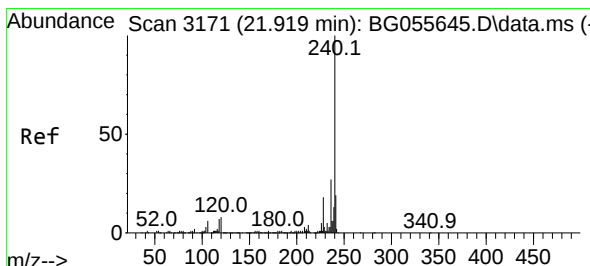
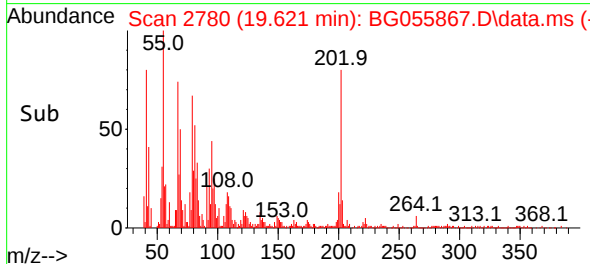
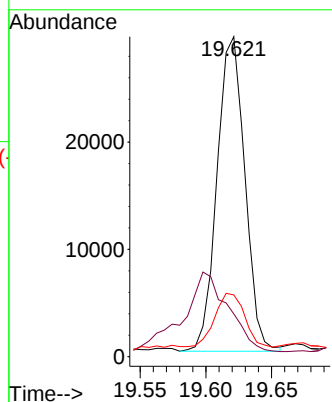
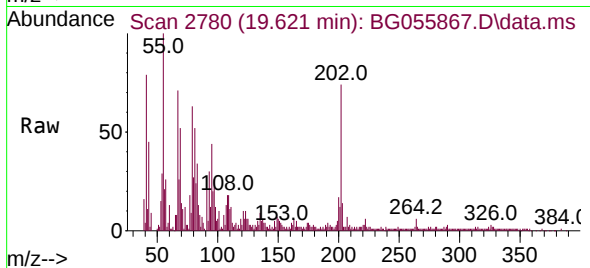




#75
Fluoranthene
Concen: 2.204 ng
RT: 19.621 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

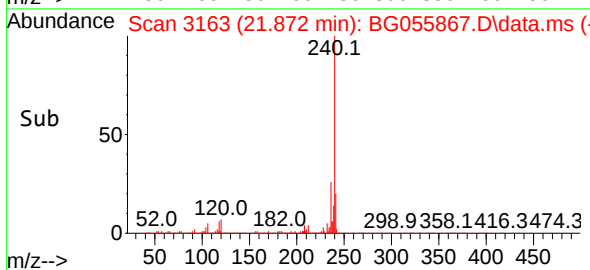
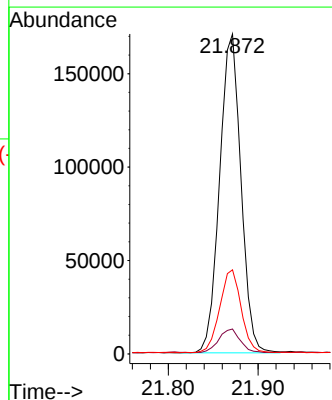
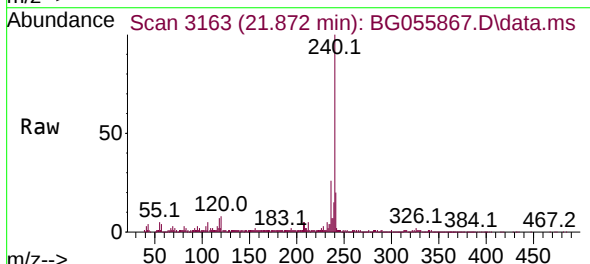
Instrument :
BNA_G
ClientSampleId :
TR-04-113022

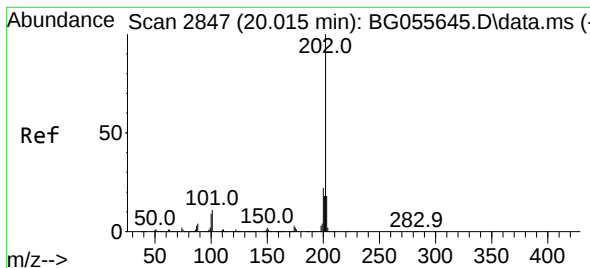
Tgt Ion:202 Resp: 43392
Ion Ratio Lower Upper
202 100
101 13.3 0.0 28.8
203 19.3 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.872 min Scan# 3163
Delta R.T. 0.006 min
Lab File: BG055867.D
Acq: 1 Dec 2022 22:46

Tgt Ion:240 Resp: 282704
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 26.3 21.9 32.9





#78

Pyrene

Concen: 3.235 ng

RT: 19.980 min Scan# 2841

Delta R.T. -0.000 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

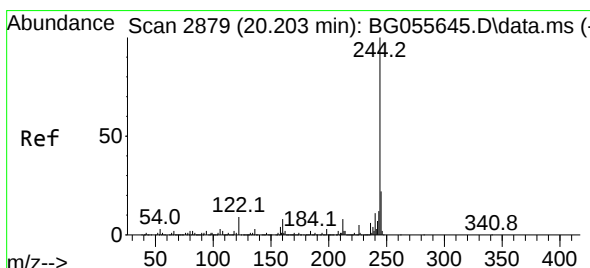
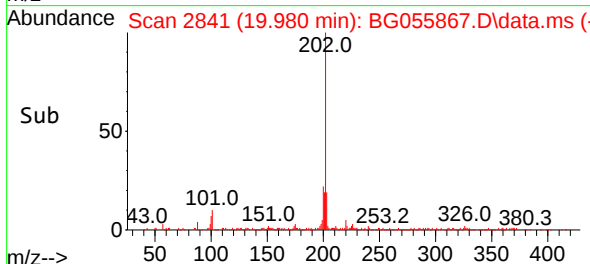
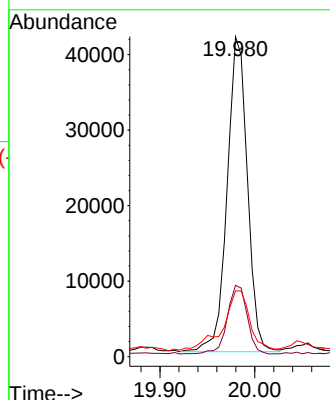
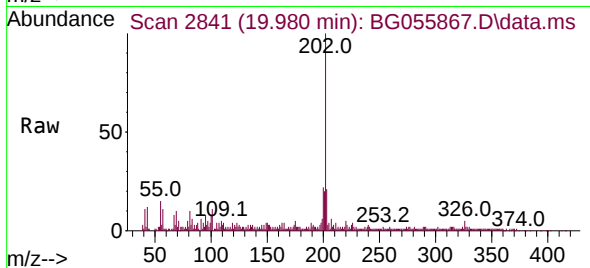
Instrument :

BNA_G

ClientSampleId :

TR-04-113022

Tgt Ion:202	Resp: 61907
Ion Ratio	Lower Upper
202 100	
200 22.3	17.8 26.6
203 20.5	14.4 21.6



#79

Terphenyl-d14

Concen: 29.731 ng

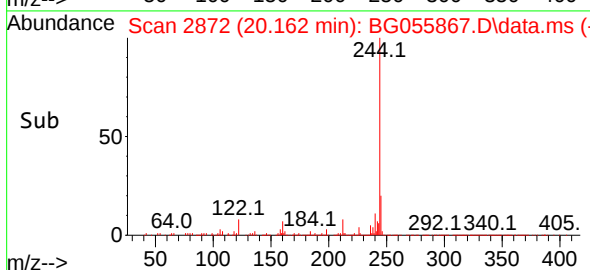
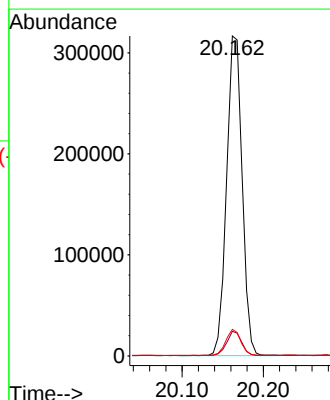
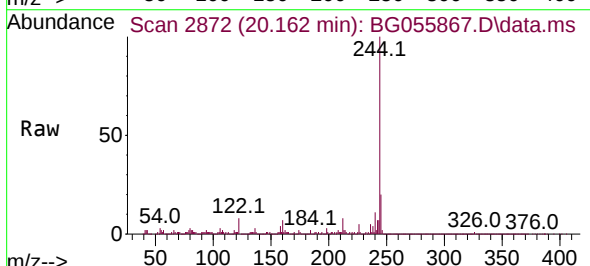
RT: 20.162 min Scan# 2872

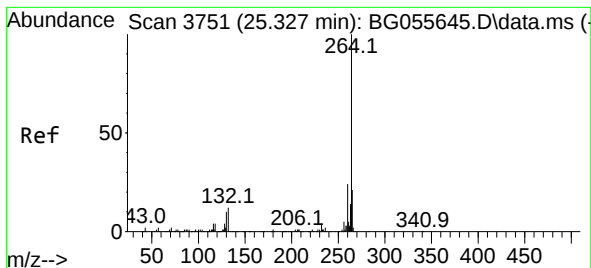
Delta R.T. -0.000 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

Tgt Ion:244	Resp: 420220
Ion Ratio	Lower Upper
244 100	
212 7.7	6.3 9.5
122 8.3	6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.262 min Scan# 31

Delta R.T. 0.012 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

Instrument :

BNA_G

ClientSampleId :

TR-04-113022

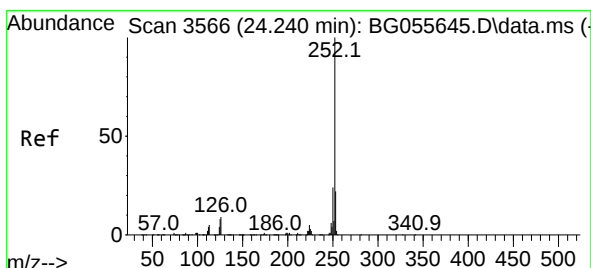
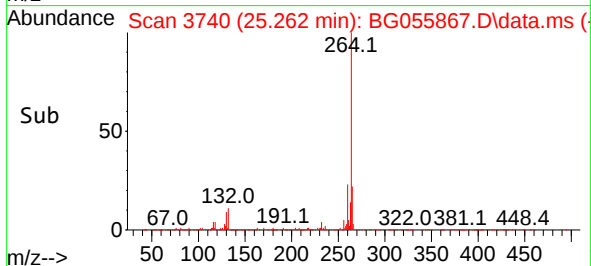
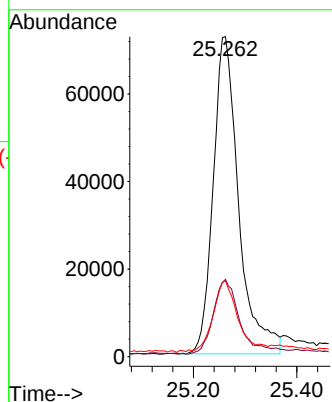
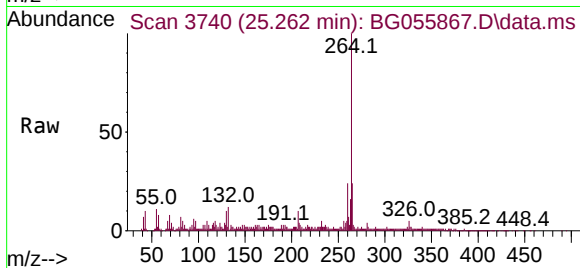
Tgt Ion:264 Resp: 249048

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 23.7 17.1 25.7



#88

Benzo(b)fluoranthene

Concen: 2.278 ng

RT: 24.181 min Scan# 3556

Delta R.T. 0.012 min

Lab File: BG055867.D

Acq: 1 Dec 2022 22:46

Tgt Ion:252 Resp: 36947

Ion Ratio Lower Upper

252 100

253 34.8 18.0 27.0#

125 20.8 6.2 9.2#

