

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055492.D
 Acq On : 8 Nov 2022 1:01
 Operator : CG/JU
 Sample : N5415-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-22

Quant Time: Nov 08 03:55:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 03:46:08 2022
 Response via : Initial Calibration

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

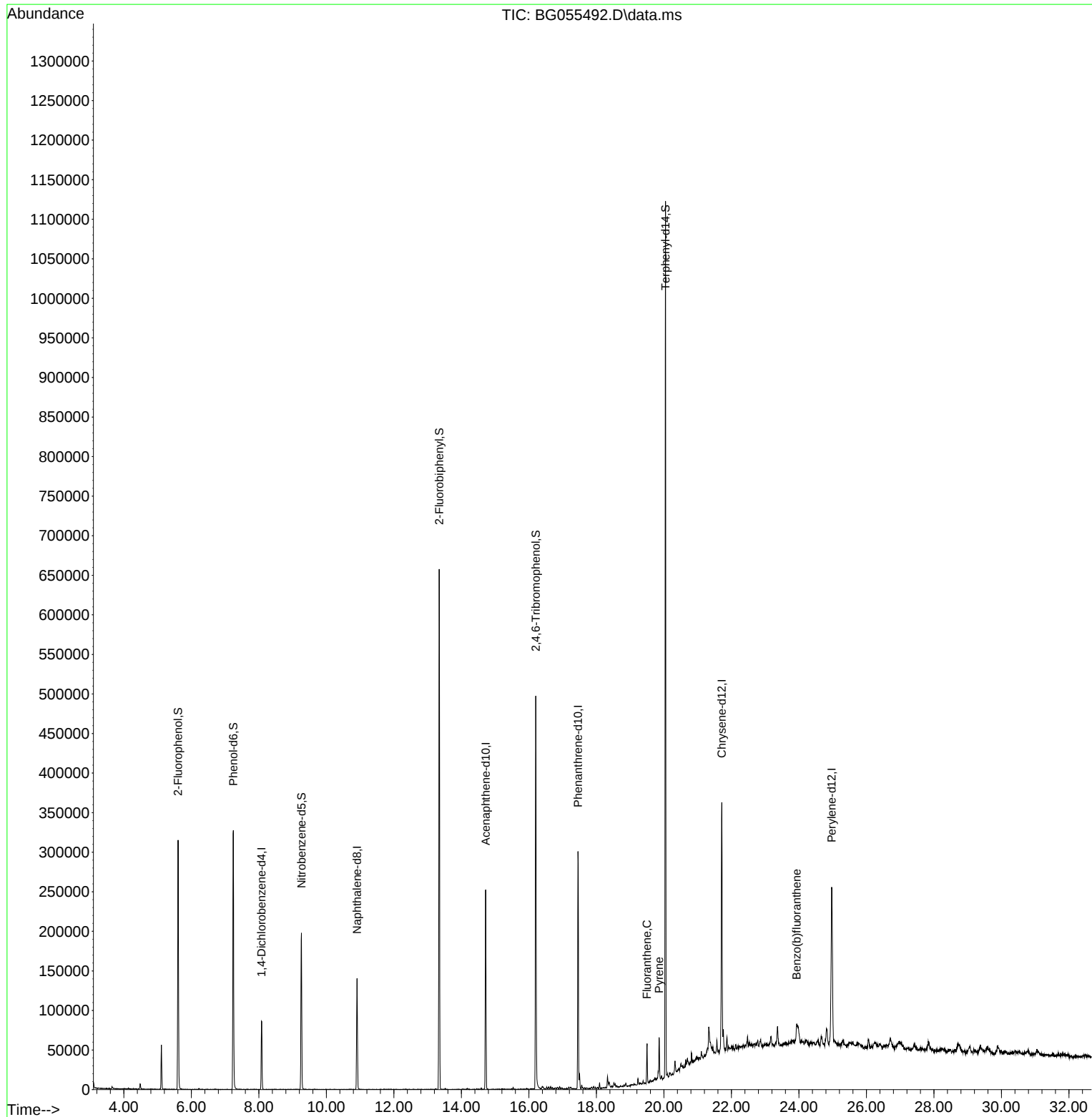
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.078	152	28156	20.000	ng	0.00
21) Naphthalene-d8	10.910	136	129961	20.000	ng	# 0.00
39) Acenaphthene-d10	14.717	164	91605	20.000	ng	-0.01
64) Phenanthrene-d10	17.455	188	198541	20.000	ng	-0.01
76) Chrysene-d12	21.715	240	192894	20.000	ng	-0.01
86) Perylene-d12	24.970	264	217256	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.605	112	162440	103.608	ng	0.00
7) Phenol-d6	7.244	99	220209	101.283	ng	0.00
23) Nitrobenzene-d5	9.259	82	124415	51.021	ng	0.00
42) 2,4,6-Tribromophenol	16.204	330	127386	101.948	ng	-0.01
45) 2-Fluorobiphenyl	13.343	172	355661	57.565	ng	0.00
79) Terphenyl-d14	20.047	244	578340	58.302	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.500	202	31272	2.328	ng	97
78) Pyrene	19.859	202	31028	2.280	ng	99
88) Benzo(b)fluoranthene	23.930	252	28354	2.055	ng	# 90

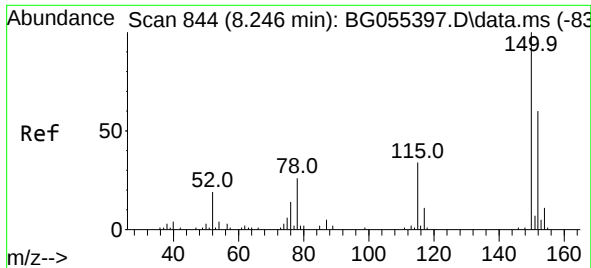
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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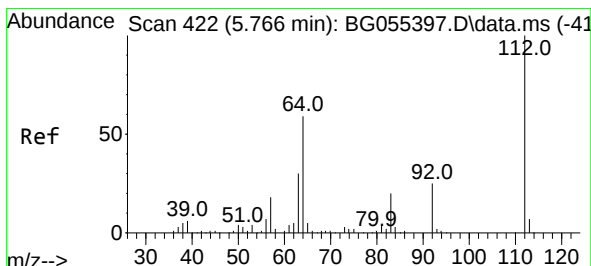
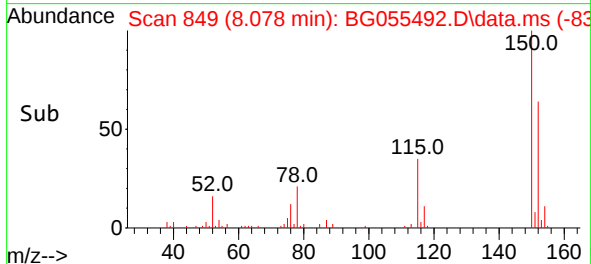
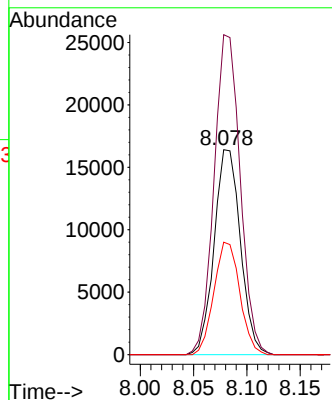
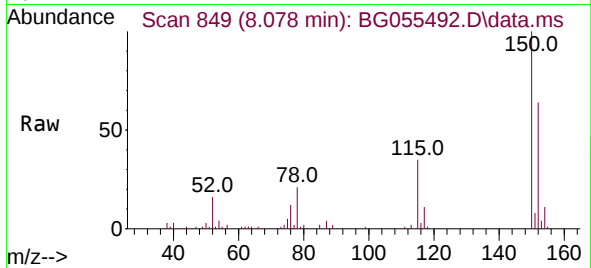




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.078 min Scan# 844
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

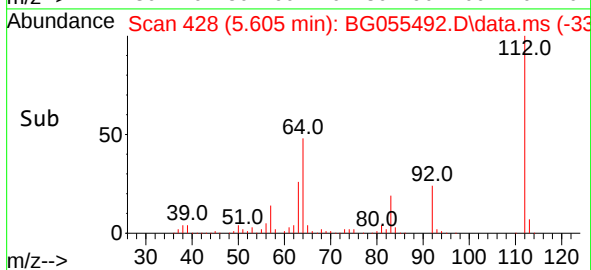
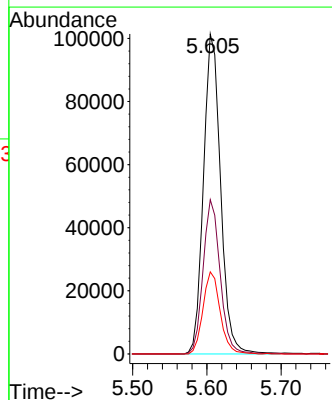
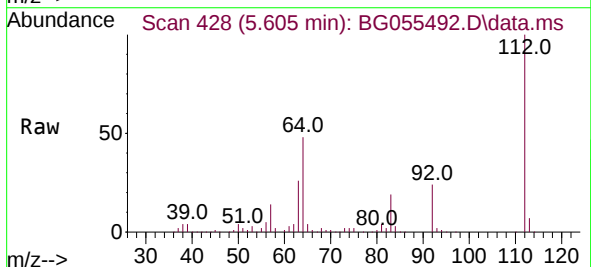
Instrument :
BNA_G
ClientSampleId :
R-22

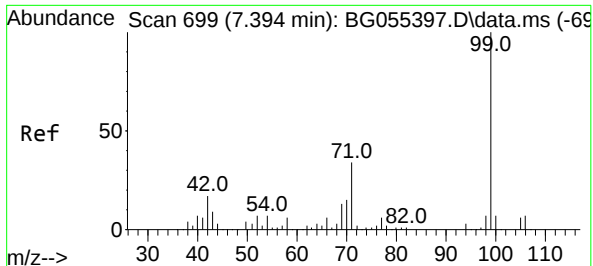
Tgt Ion:152 Resp: 28156
Ion Ratio Lower Upper
152 100
150 156.1 132.8 199.2
115 54.8 45.1 67.7



#5
2-Fluorophenol
Concen: 103.608 ng
RT: 5.605 min Scan# 428
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:112 Resp: 162440
Ion Ratio Lower Upper
112 100
64 48.2 47.2 70.8
63 25.6 24.3 36.5

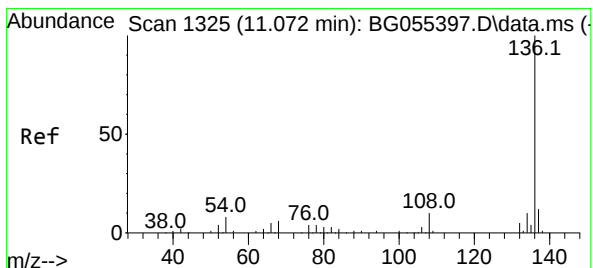
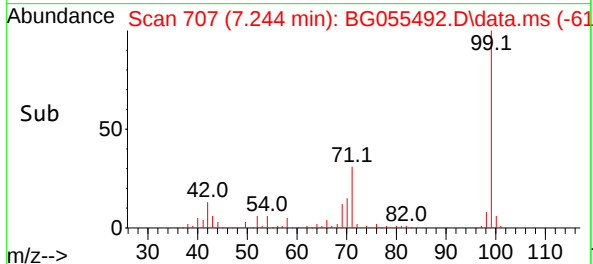
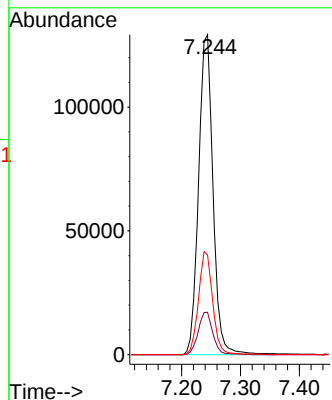
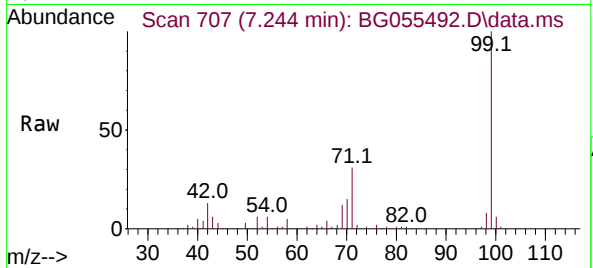




#7
Phenol-d6
Concen: 101.283 ng
RT: 7.244 min Scan# 70
Delta R.T. 0.002 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

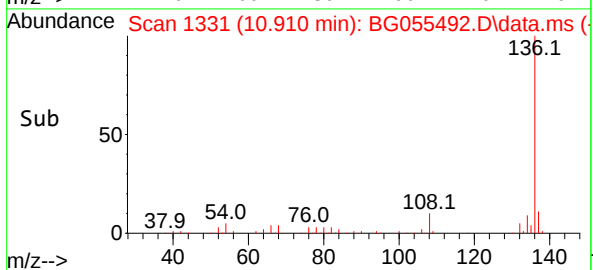
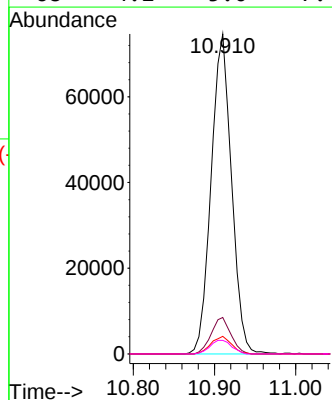
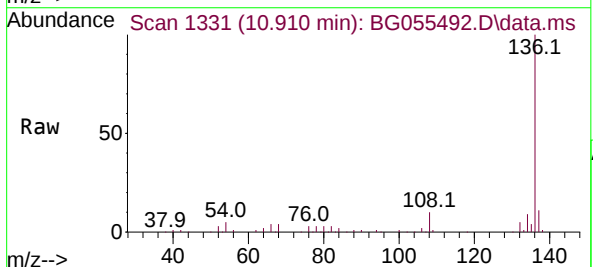
Instrument :
BNA_G
ClientSampleId :
R-22

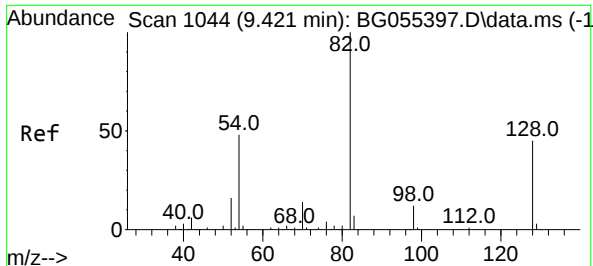
Tgt Ion: 99 Resp: 220209
Ion Ratio Lower Upper
99 100
42 13.3 13.5 20.3#
71 31.2 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.910 min Scan# 1331
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion: 136 Resp: 129961
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 5.5 6.1 9.1#
68 4.2 5.0 7.4#





#23

Nitrobenzene-d5

Concen: 51.021 ng

RT: 9.259 min Scan# 1044

Delta R.T. -0.004 min

Lab File: BG055492.D

Acq: 8 Nov 2022 1:01

Instrument :

BNA_G

ClientSampleId :

R-22

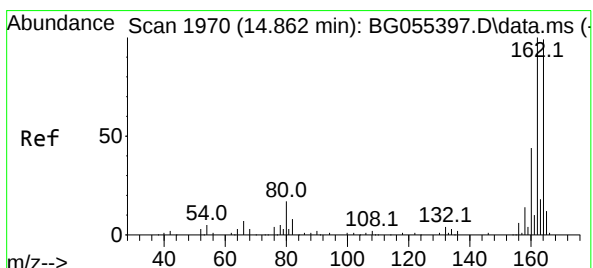
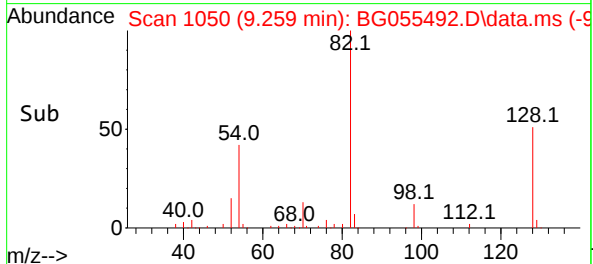
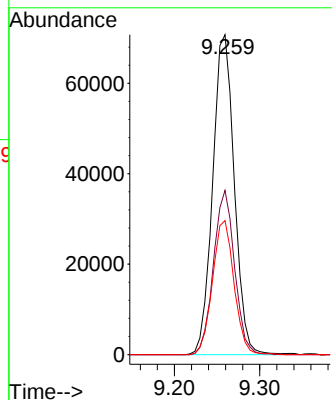
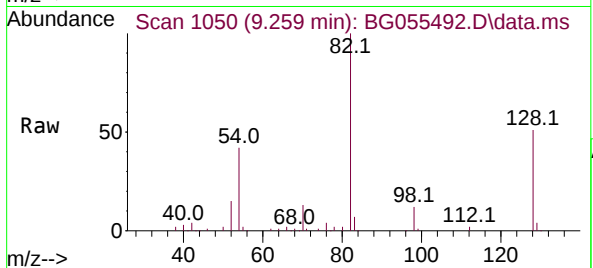
Tgt Ion: 82 Resp: 124415

Ion Ratio Lower Upper

82 100

128 51.3 35.8 53.8

54 41.9 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.717 min Scan# 1979

Delta R.T. -0.010 min

Lab File: BG055492.D

Acq: 8 Nov 2022 1:01

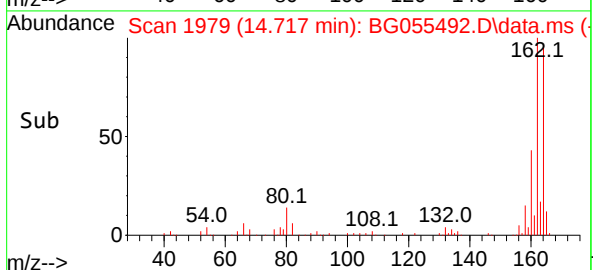
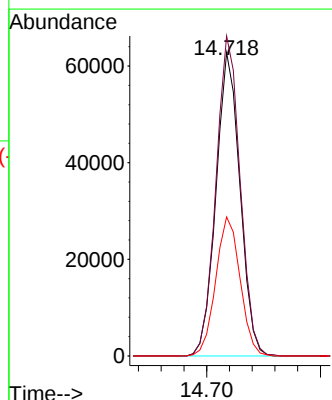
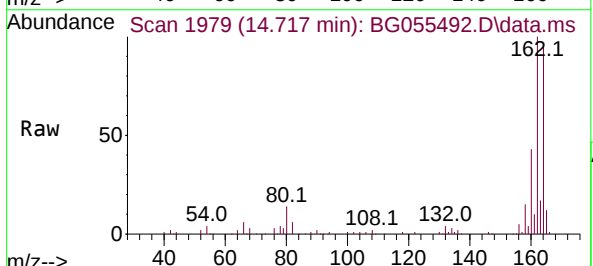
Tgt Ion:164 Resp: 91605

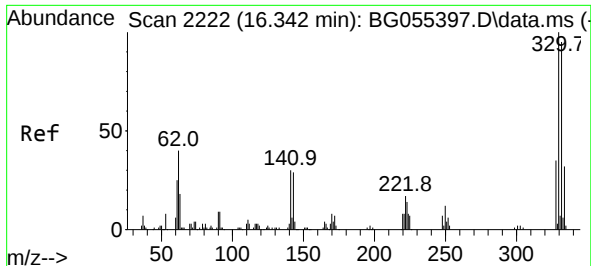
Ion Ratio Lower Upper

164 100

162 105.5 81.1 121.7

160 45.8 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 101.948 ng

RT: 16.204 min Scan# 21

Delta R.T. -0.010 min

Lab File: BG055492.D

Acq: 8 Nov 2022 1:01

Instrument :

BNA_G

ClientSampleId :

R-22

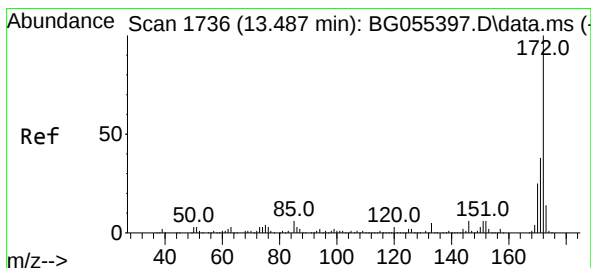
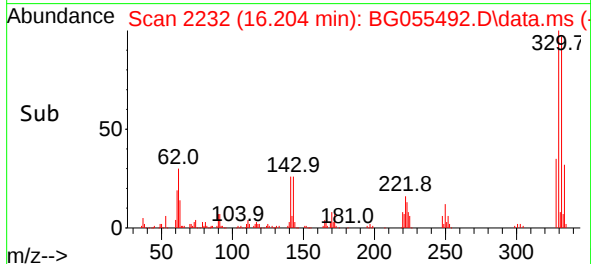
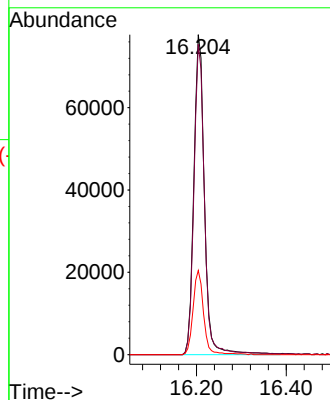
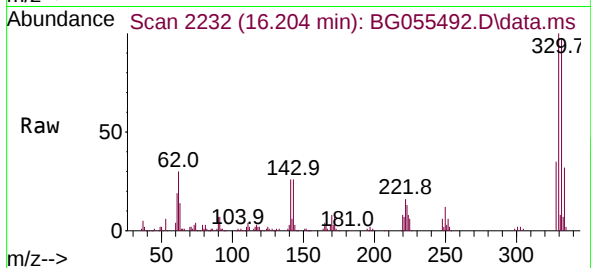
Tgt Ion:330 Resp: 127386

Ion Ratio Lower Upper

330 100

332 96.7 77.8 116.6

141 25.7 24.2 36.2



#45

2-Fluorobiphenyl

Concen: 57.565 ng

RT: 13.343 min Scan# 1745

Delta R.T. -0.004 min

Lab File: BG055492.D

Acq: 8 Nov 2022 1:01

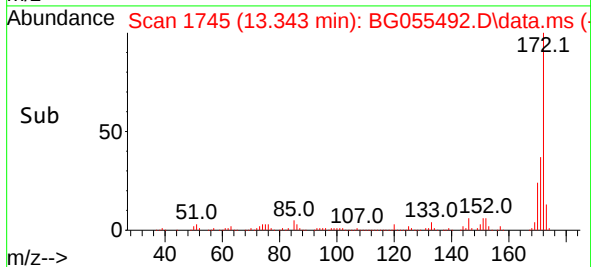
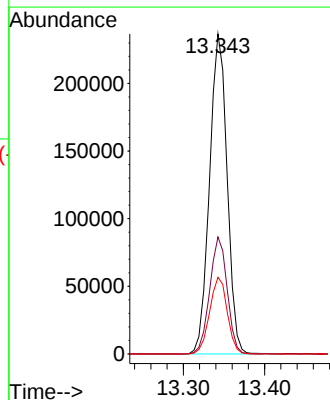
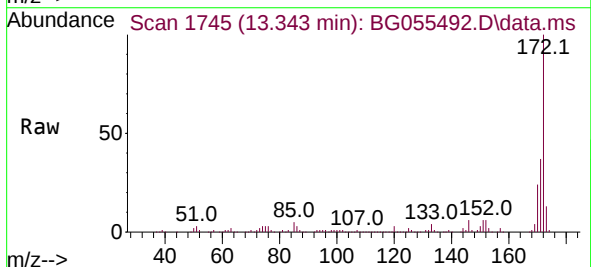
Tgt Ion:172 Resp: 355661

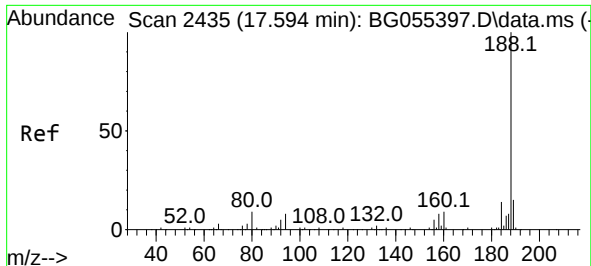
Ion Ratio Lower Upper

172 100

171 36.5 30.2 45.2

170 23.9 20.2 30.2

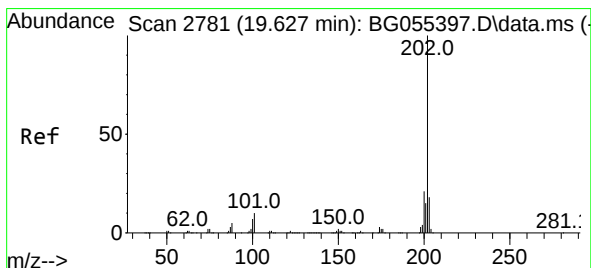
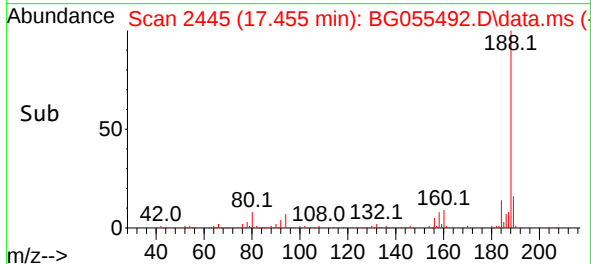
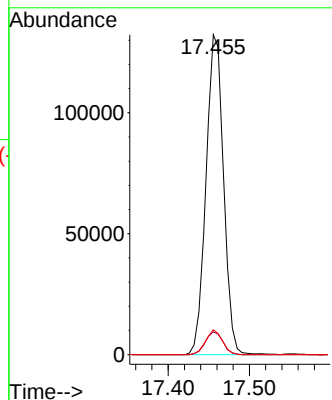
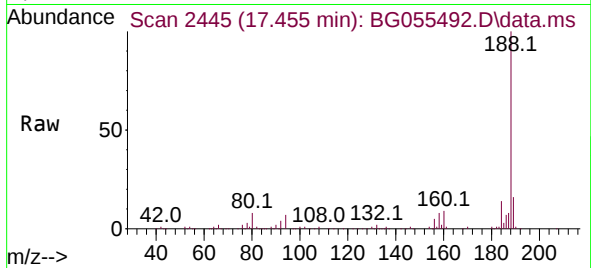




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.455 min Scan# 24
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

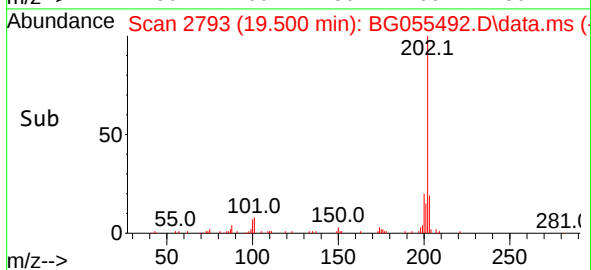
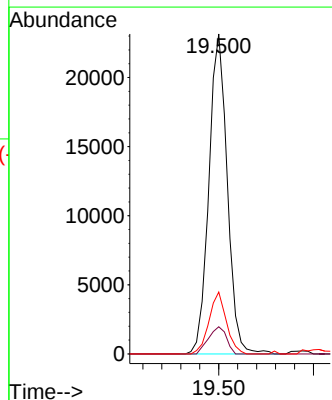
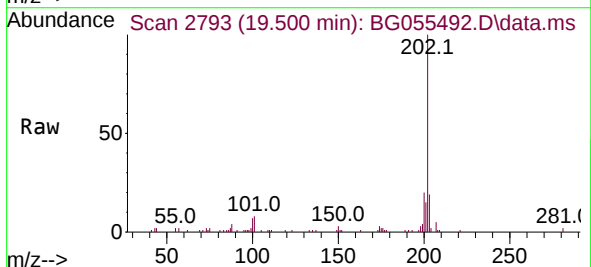
Instrument :
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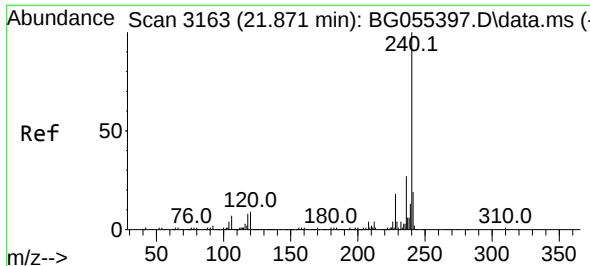
Tgt Ion:188 Resp: 198541
Ion Ratio Lower Upper
188 100
94 7.1 6.5 9.7
80 7.8 7.4 11.0



#75
Fluoranthene
Concen: 2.328 ng
RT: 19.500 min Scan# 2793
Delta R.T. -0.004 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:202 Resp: 31272
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.8
203 19.3 0.0 38.1

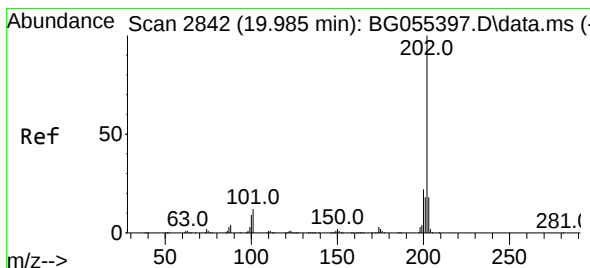
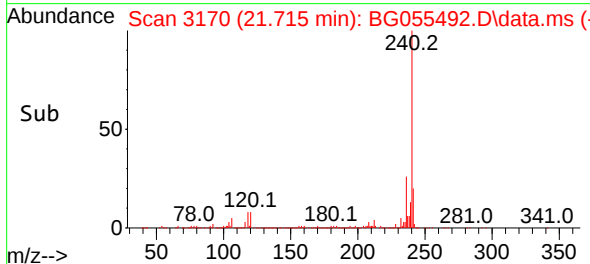
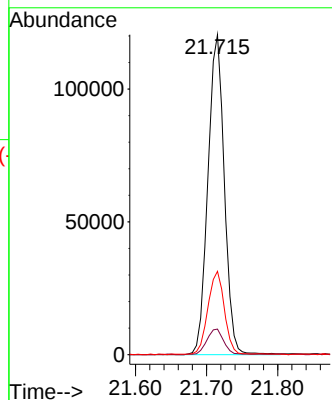
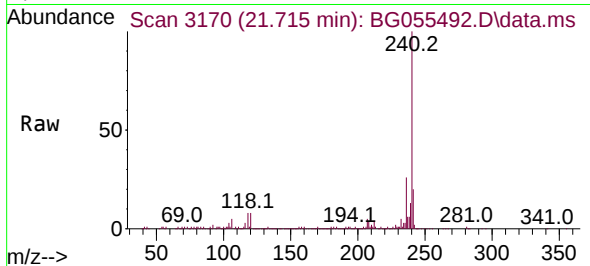




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.715 min Scan# 3163
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

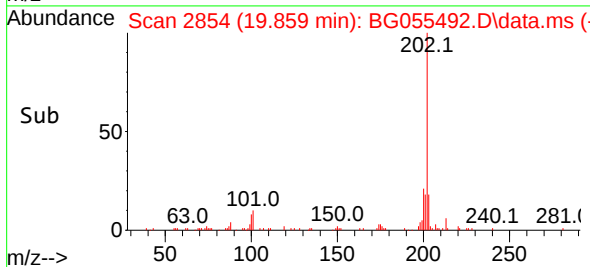
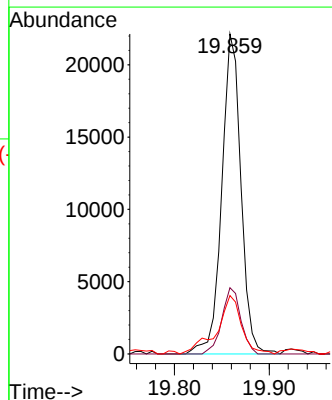
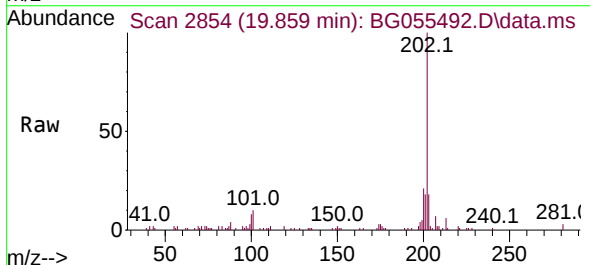
Instrument :
BNA_G
ClientSampleId :
R-22

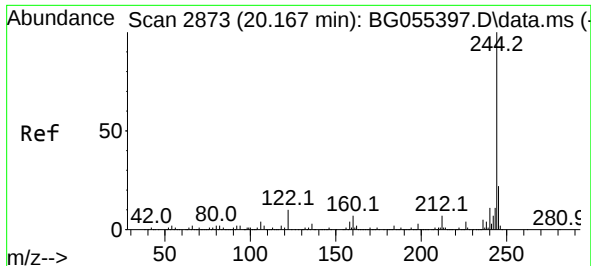
Tgt Ion:240 Resp: 192894
Ion Ratio Lower Upper
240 100
120 8.0 6.9 10.3
236 26.0 21.5 32.3



#78
Pyrene
Concen: 2.280 ng
RT: 19.859 min Scan# 2854
Delta R.T. -0.010 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Tgt Ion:202 Resp: 31028
Ion Ratio Lower Upper
202 100
200 20.7 17.4 26.2
203 18.2 14.7 22.1

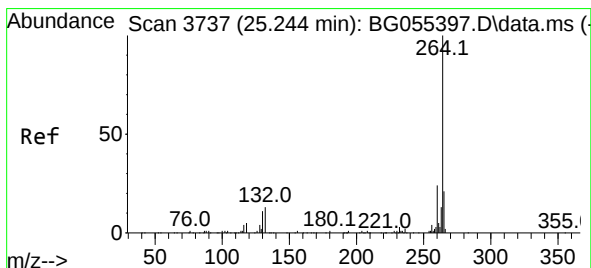
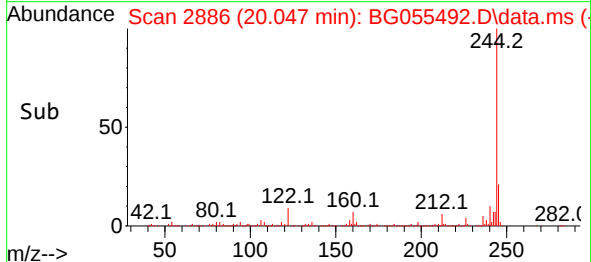
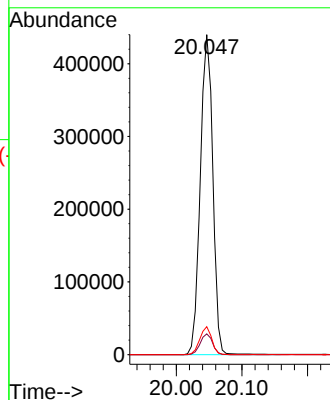
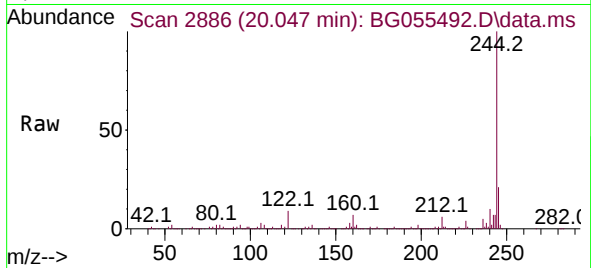




#79
 Terphenyl-d14
 Concen: 58.302 ng
 RT: 20.047 min Scan# 2873
 Delta R.T. -0.004 min
 Lab File: BG055492.D
 Acq: 8 Nov 2022 1:01

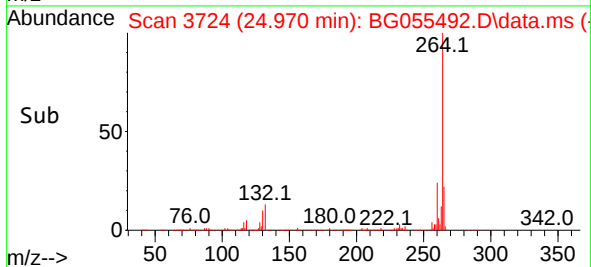
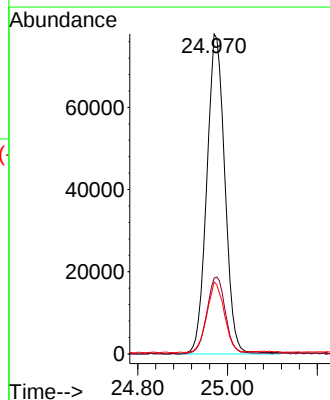
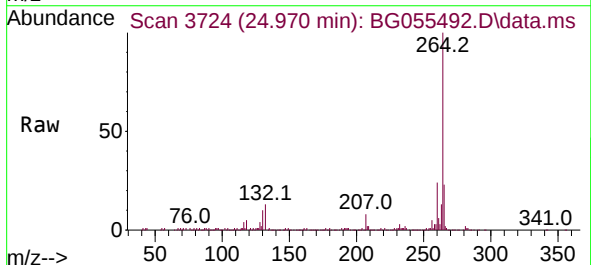
Instrument :
 BNA_G
 ClientSampleId :
 R-22

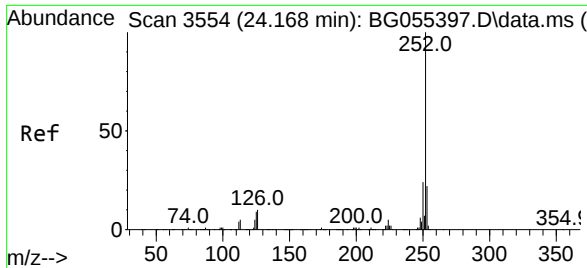
Tgt Ion:244 Resp: 578340
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.7 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.970 min Scan# 3724
 Delta R.T. -0.016 min
 Lab File: BG055492.D
 Acq: 8 Nov 2022 1:01

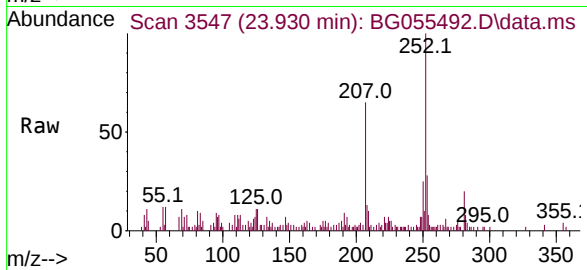
Tgt Ion:264 Resp: 217256
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.9 28.3
 265 22.5 17.1 25.7





#88
Benzo(b)fluoranthene
Concen: 2.055 ng
RT: 23.930 min Scan# 31
Delta R.T. -0.016 min
Lab File: BG055492.D
Acq: 8 Nov 2022 1:01

Instrument :
BNA_G
ClientSampleId :
R-22



Tgt Ion:252 Resp: 28354
Ion Ratio Lower Upper
252 100
253 27.5 17.8 26.8#
125 11.2 6.8 10.2#

