

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110722\
 Data File : BG055493.D
 Acq On : 8 Nov 2022 1:42
 Operator : CG/JU
 Sample : N5415-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R-25

Quant Time: Nov 08 03:56:00 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	8.082	152	33820	20.000	ng	0.00
21) Naphthalene-d8	10.908	136	148858	20.000	ng	# 0.00
39) Acenaphthene-d10	14.721	164	102097	20.000	ng	0.00
64) Phenanthrene-d10	17.459	188	214341	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	203438	20.000	ng	-0.01
86) Perylene-d12	24.974	264	229011	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.608	112	217552	115.521	ng	0.00
7) Phenol-d6	7.242	99	287604	110.127	ng	0.00
23) Nitrobenzene-d5	9.257	82	168095	60.182	ng	0.00
42) 2,4,6-Tribromophenol	16.208	330	161782	116.170	ng	0.00
45) 2-Fluorobiphenyl	13.346	172	490479	71.228	ng	0.00
79) Terphenyl-d14	20.050	244	740469	70.777	ng	0.00

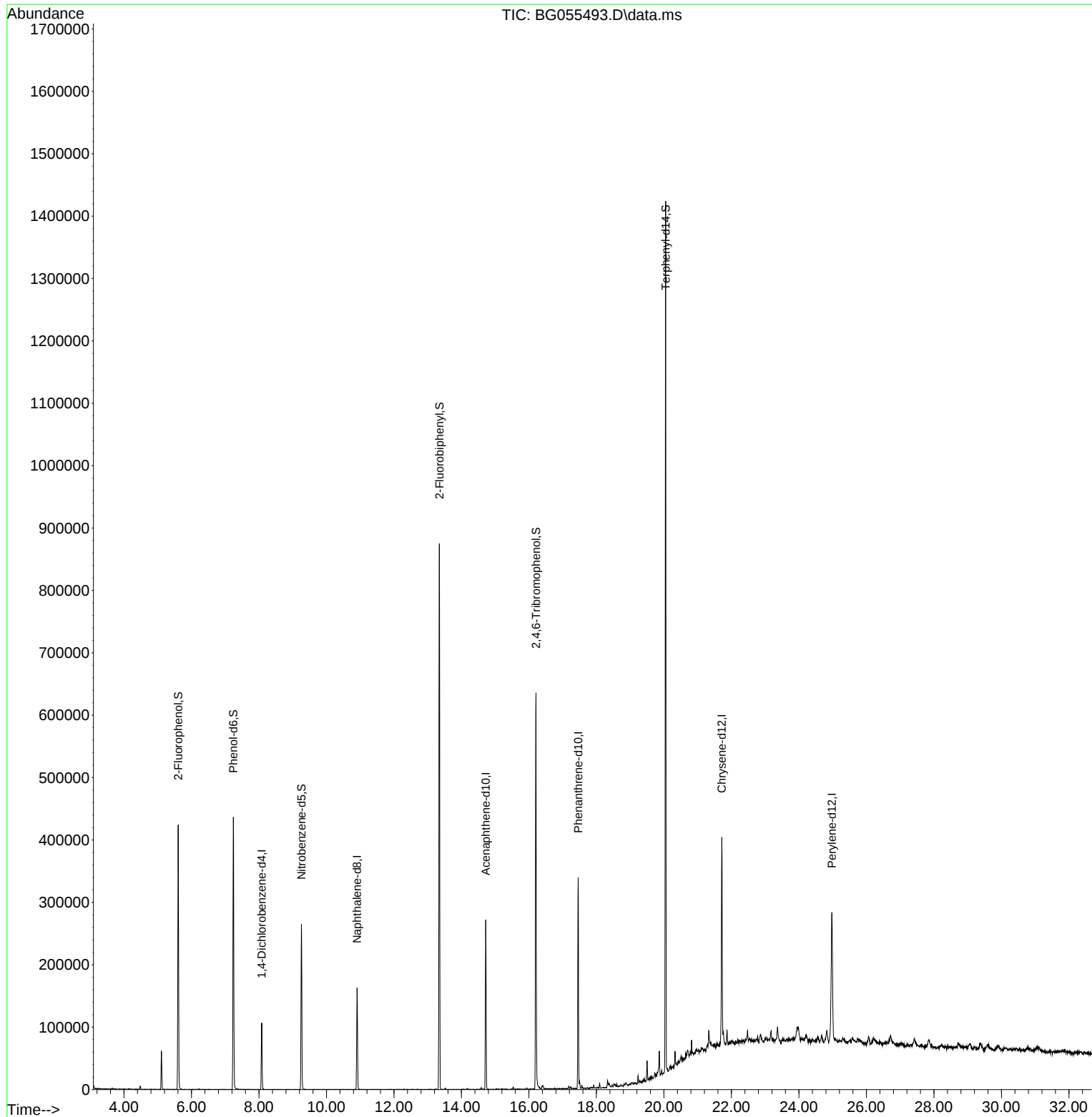
Target Compounds Qvalue

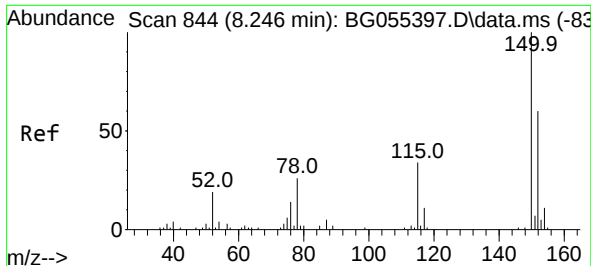
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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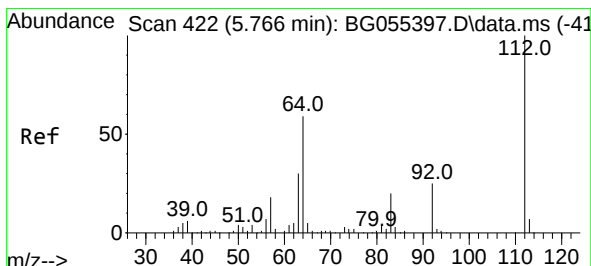
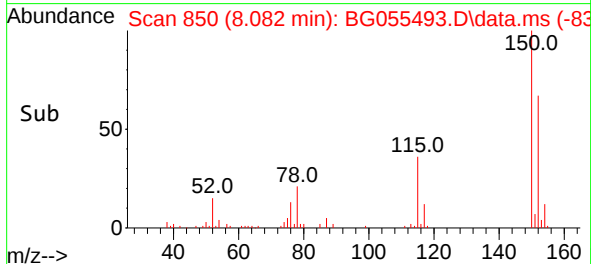
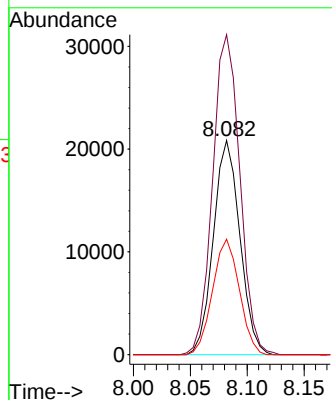
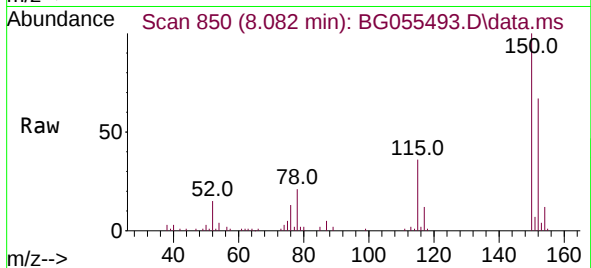




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.082 min Scan# 844
Delta R.T. -0.000 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

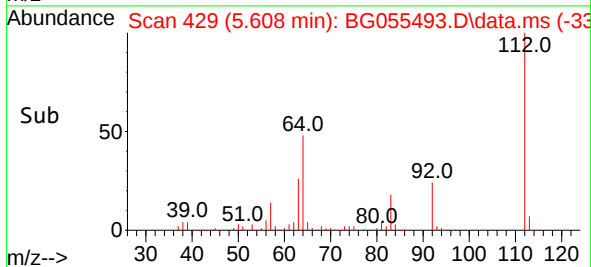
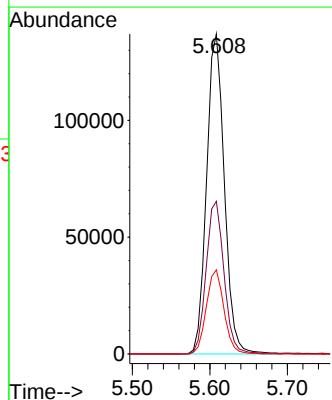
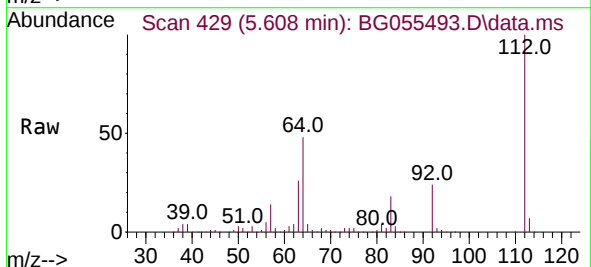
Instrument :
BNA_G
ClientSampleId :
R-25

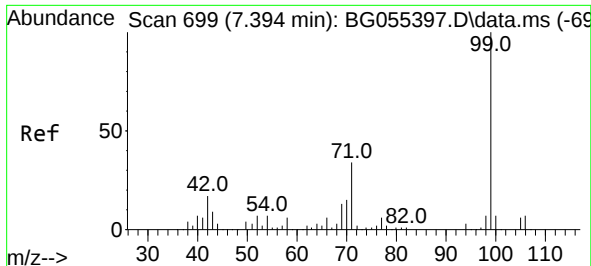
Tgt Ion:152 Resp: 33820
Ion Ratio Lower Upper
152 100
150 149.4 132.8 199.2
115 53.9 45.1 67.7



#5
2-Fluorophenol
Concen: 115.521 ng
RT: 5.608 min Scan# 429
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:112 Resp: 217552
Ion Ratio Lower Upper
112 100
64 47.7 47.2 70.8
63 26.3 24.3 36.5

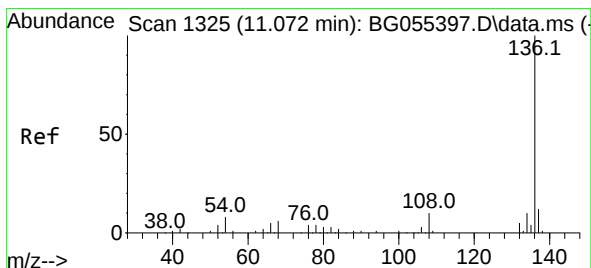
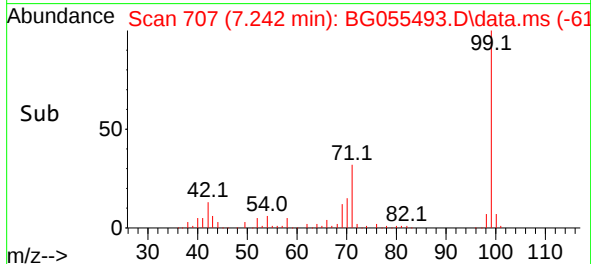
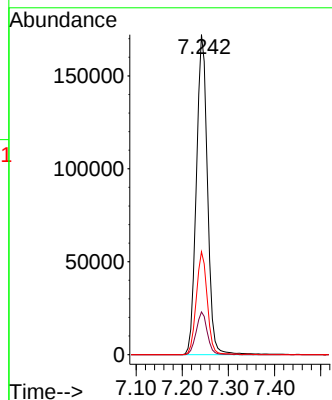
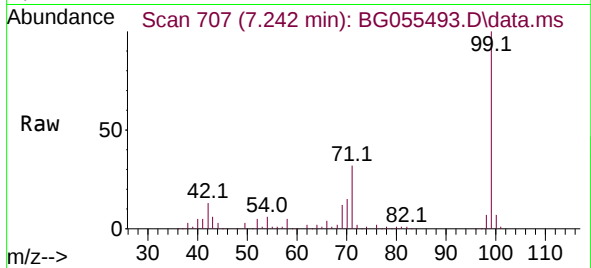




#7
Phenol-d6
Concen: 110.127 ng
RT: 7.242 min Scan# 70
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

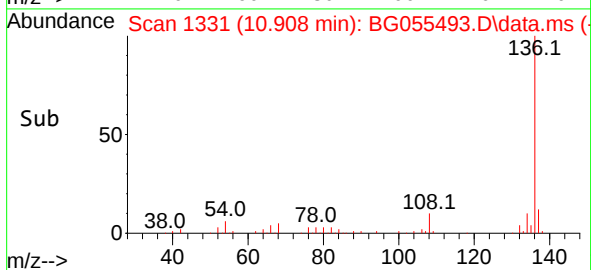
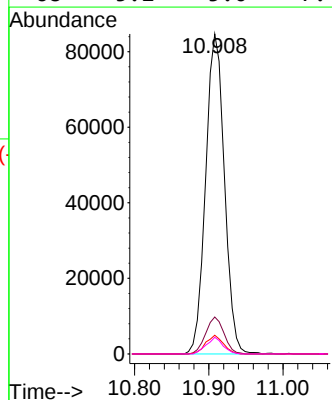
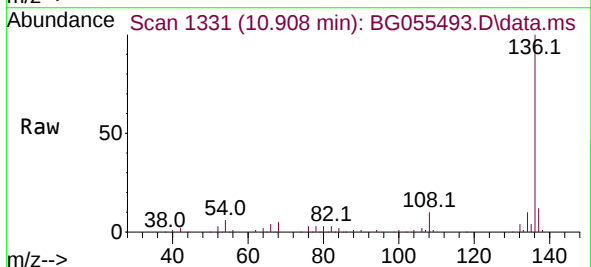
Instrument :
BNA_G
ClientSampleId :
R-25

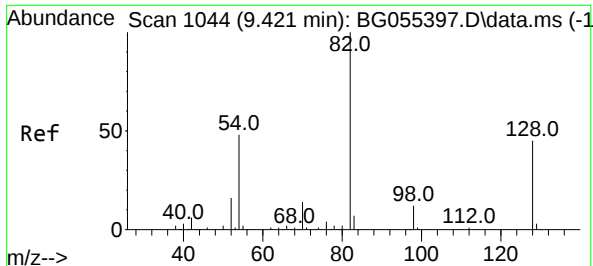
Tgt Ion: 99 Resp: 287604
Ion Ratio Lower Upper
99 100
42 13.3 13.5 20.3#
71 32.1 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.908 min Scan# 1331
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion: 136 Resp: 148858
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 5.8 6.1 9.1#
68 5.2 5.0 7.4





#23

Nitrobenzene-d5

Concen: 60.182 ng

RT: 9.257 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055493.D

Acq: 8 Nov 2022 1:42

Instrument :

BNA_G

ClientSampleId :

R-25

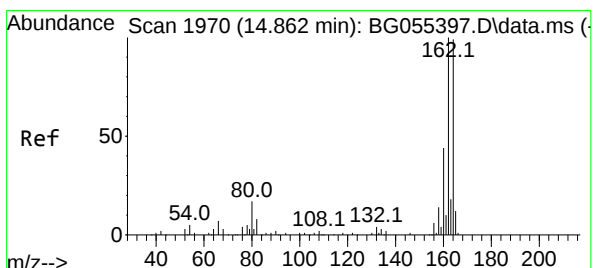
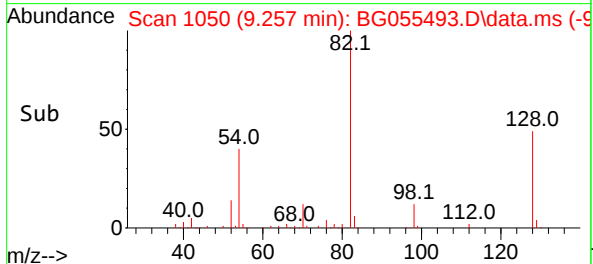
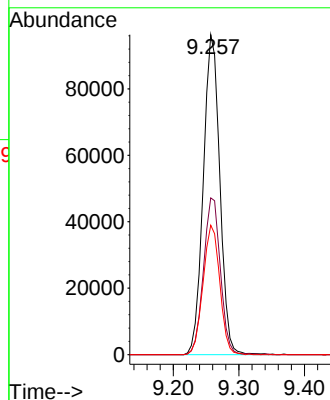
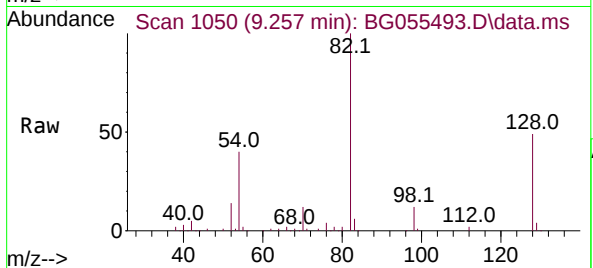
Tgt Ion: 82 Resp: 168095

Ion Ratio Lower Upper

82 100

128 49.0 35.8 53.8

54 40.4 38.1 57.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.721 min Scan# 1980

Delta R.T. -0.007 min

Lab File: BG055493.D

Acq: 8 Nov 2022 1:42

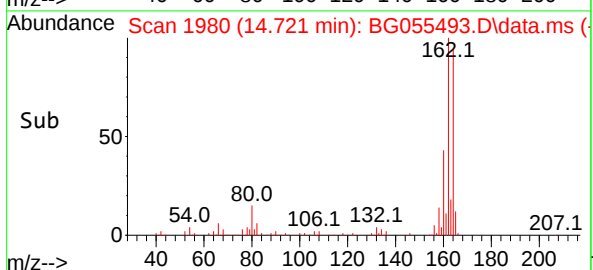
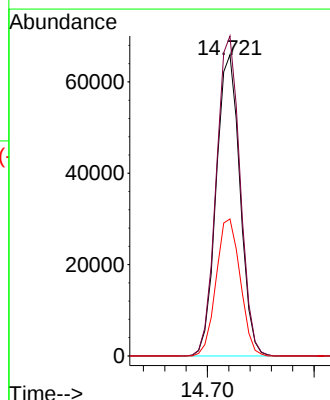
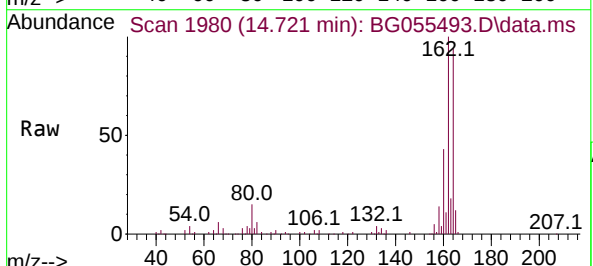
Tgt Ion:164 Resp: 102097

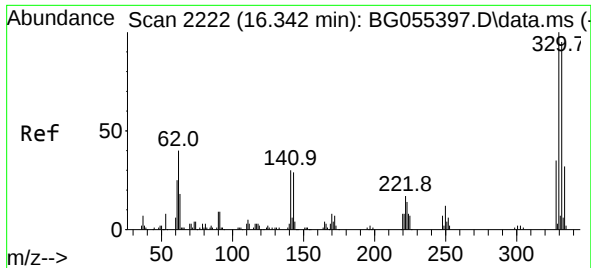
Ion Ratio Lower Upper

164 100

162 106.3 81.1 121.7

160 45.5 35.8 53.6

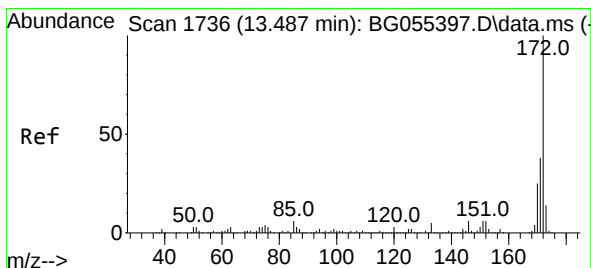
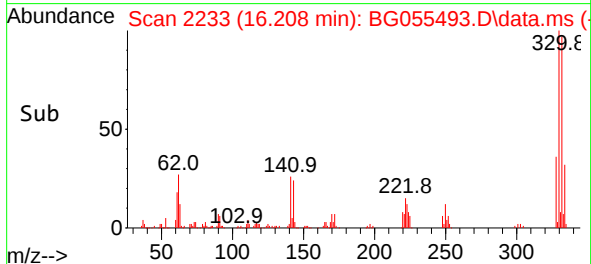
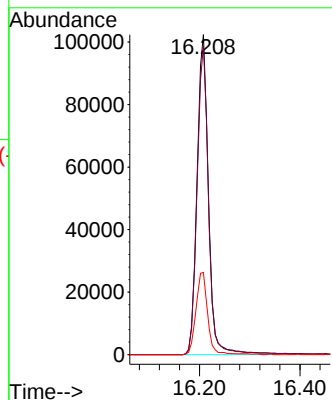
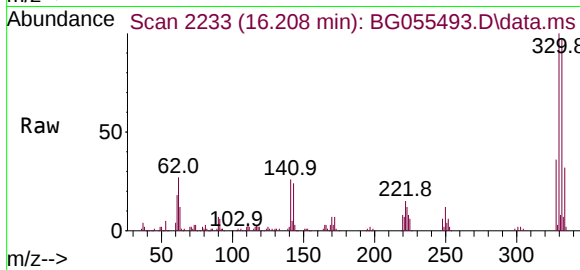




#42
2,4,6-Tribromophenol
Concen: 116.170 ng
RT: 16.208 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

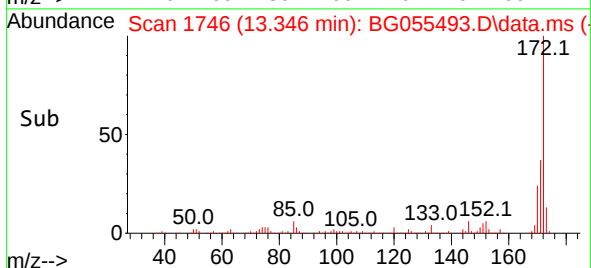
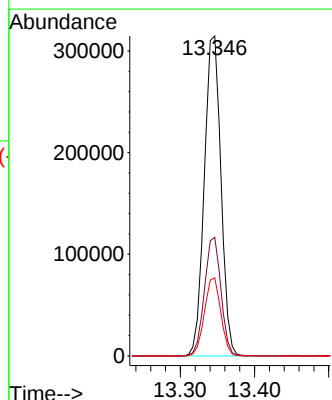
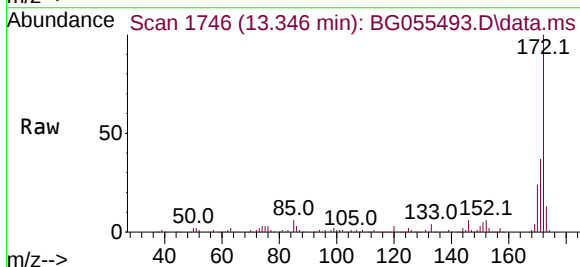
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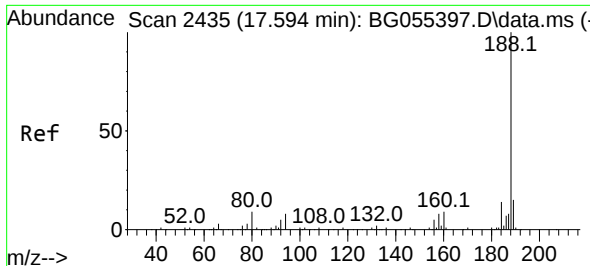
Tgt Ion:330 Resp: 161782
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 26.3 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 71.228 ng
RT: 13.346 min Scan# 1746
Delta R.T. -0.001 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:172 Resp: 490479
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.4 20.2 30.2

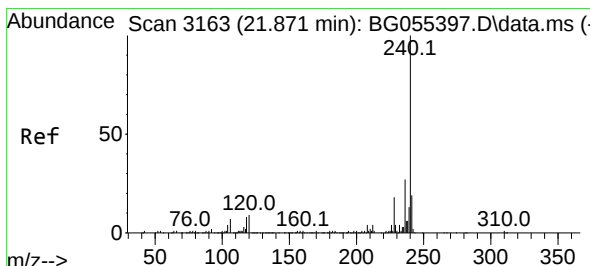
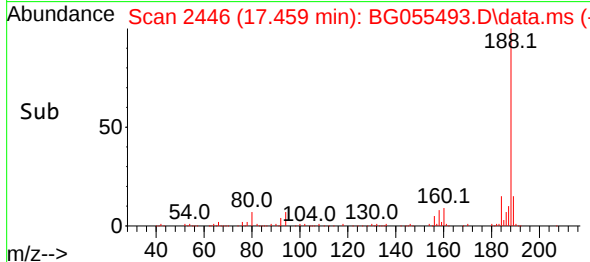
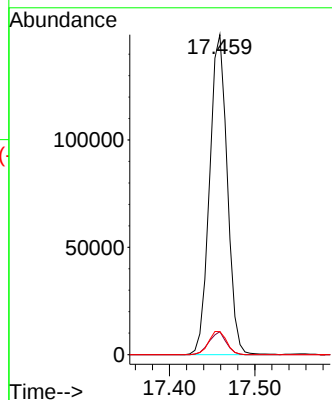
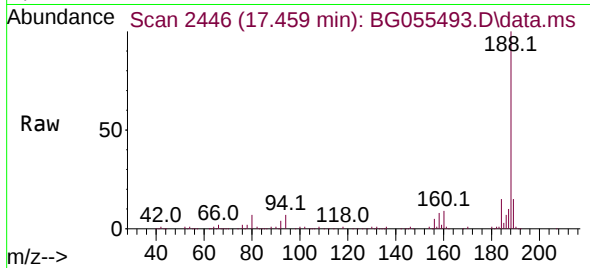




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.459 min Scan# 24
Delta R.T. -0.007 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

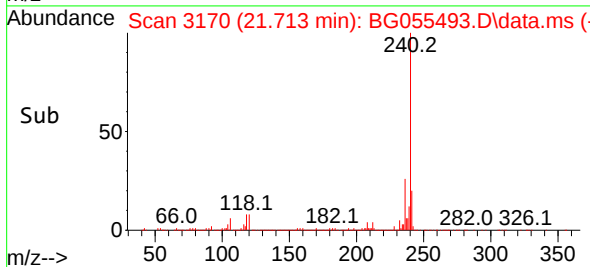
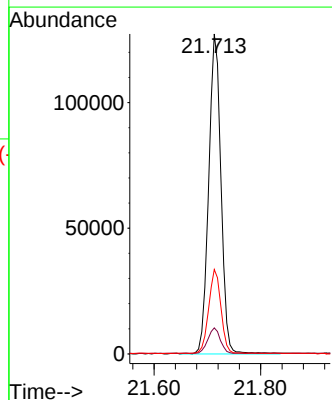
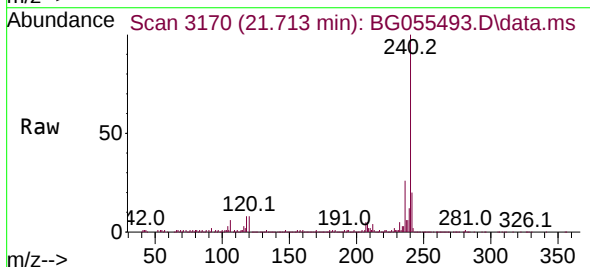
Instrument :
BNA_G
ClientSampleId :
R-25

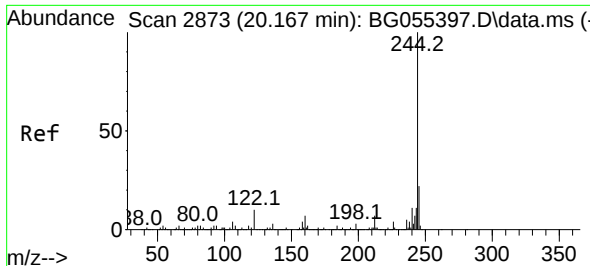
Tgt Ion:188 Resp: 214341
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 7.2 7.4 11.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3170
Delta R.T. -0.012 min
Lab File: BG055493.D
Acq: 8 Nov 2022 1:42

Tgt Ion:240 Resp: 203438
Ion Ratio Lower Upper
240 100
120 8.1 6.9 10.3
236 26.4 21.5 32.3

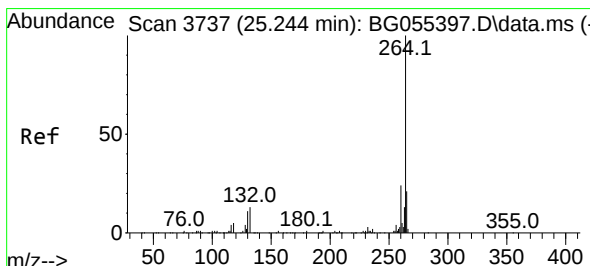
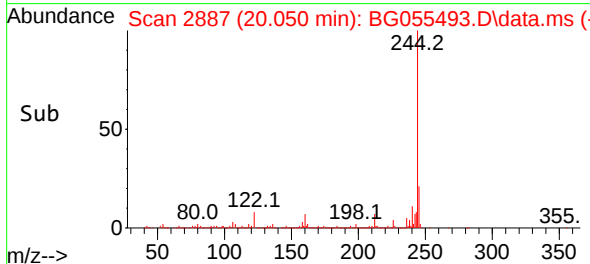
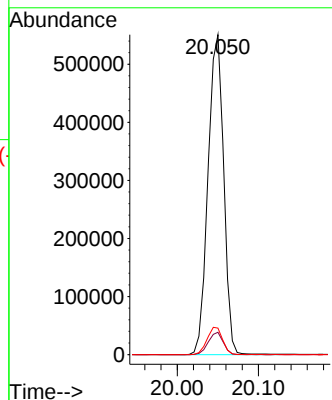
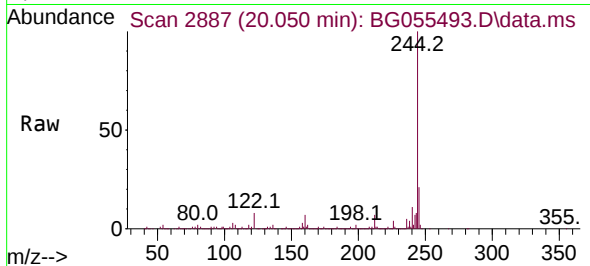




#79
 Terphenyl-d14
 Concen: 70.777 ng
 RT: 20.050 min Scan# 2887
 Delta R.T. -0.001 min
 Lab File: BG055493.D
 Acq: 8 Nov 2022 1:42

Instrument :
 BNA_G
 ClientSampleId :
 R-25

Tgt Ion:244 Resp: 740469
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 8.3 7.8 11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.974 min Scan# 3725
 Delta R.T. -0.012 min
 Lab File: BG055493.D
 Acq: 8 Nov 2022 1:42

Tgt Ion:264 Resp: 229011
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 21.6 17.1 25.7

