

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064492.D
 Acq On : 3 Oct 2025 18:19
 Operator : RC/JU
 Sample : Q3263-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 266380

Quant Time: Oct 03 19:00:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	17324	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	69536	20.000	ng	# 0.00
39) Acenaphthene-d10	14.445	164	54010	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	137457	20.000	ng	0.00
76) Chrysene-d12	21.408	240	140948	20.000	ng	0.00
86) Perylene-d12	24.381	264	149722	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.409	112	49521	52.902	ng	0.00
7) Phenol-d6	6.995	99	40448	32.154	ng	0.00
23) Nitrobenzene-d5	8.975	82	102916	79.582	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	143705	146.786	ng	0.00
45) 2-Fluorobiphenyl	13.070	172	288858	78.833	ng	0.00
79) Terphenyl-d14	19.810	244	750338	100.747	ng	0.00

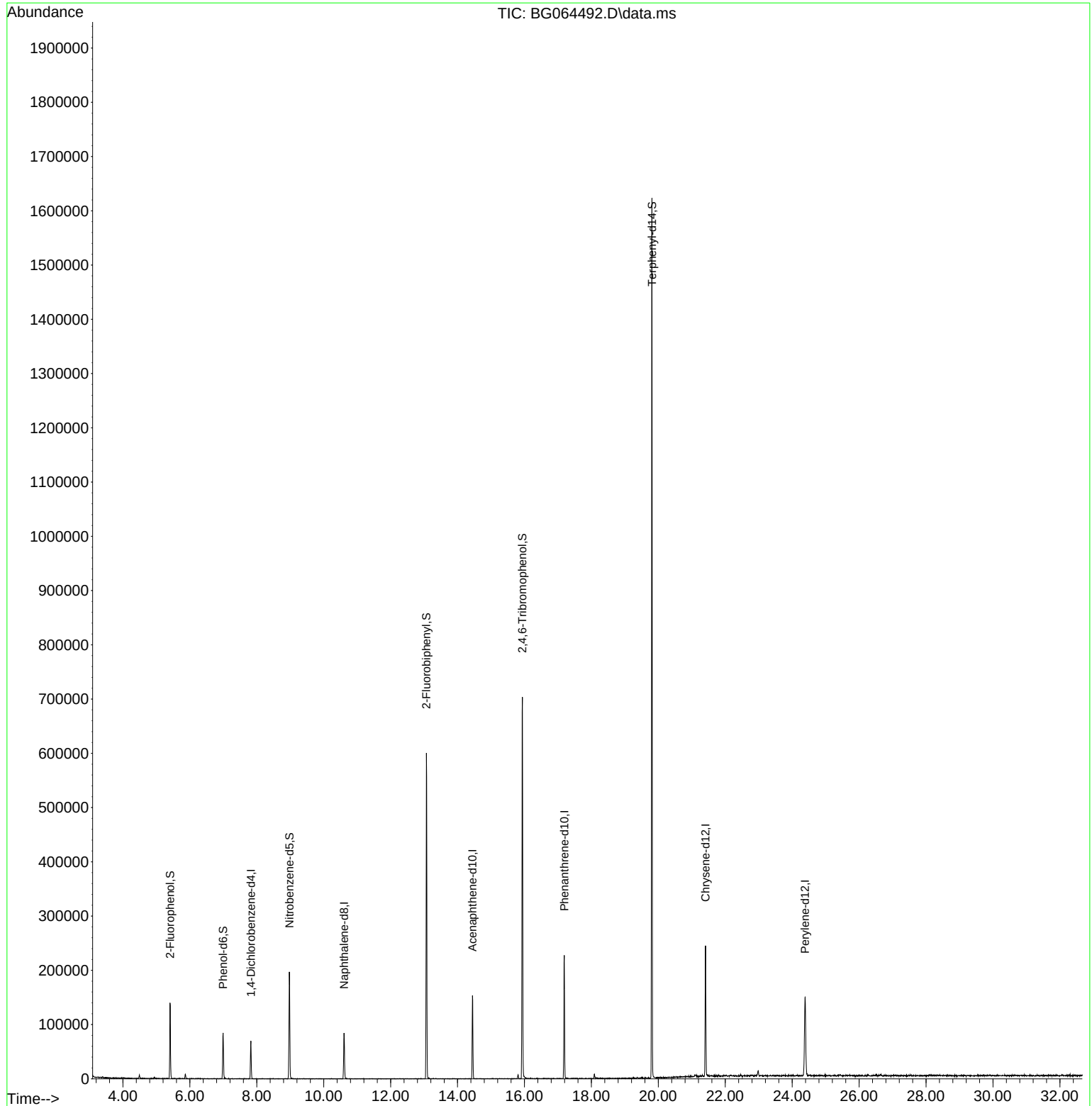
Target Compounds Qvalue

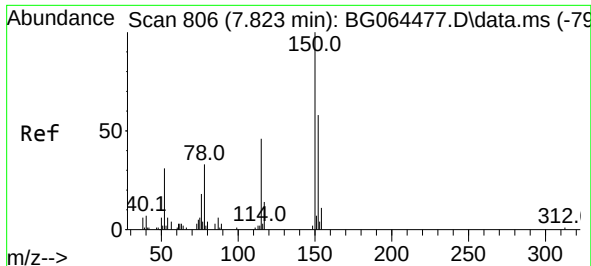
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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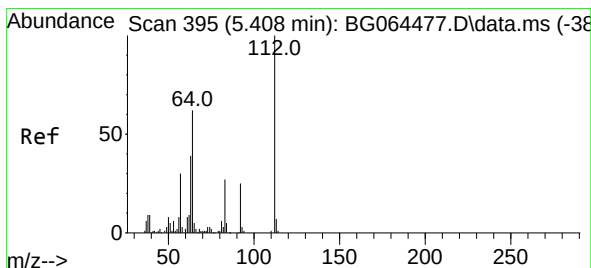
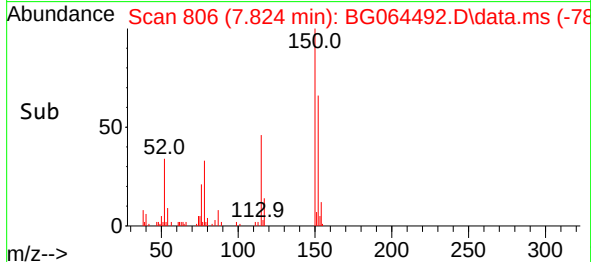
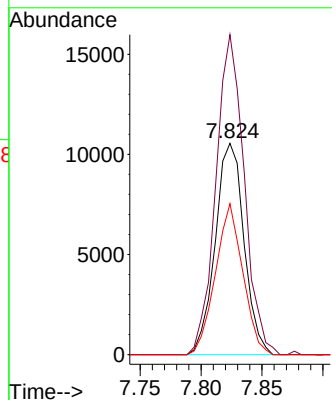
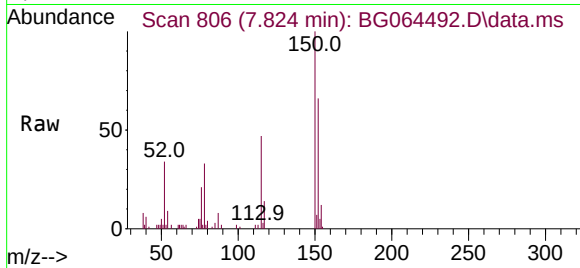




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.824 min Scan# 806
 Delta R.T. 0.004 min
 Lab File: BG064492.D
 Acq: 3 Oct 2025 18:19

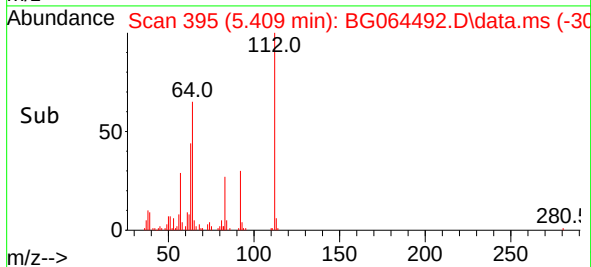
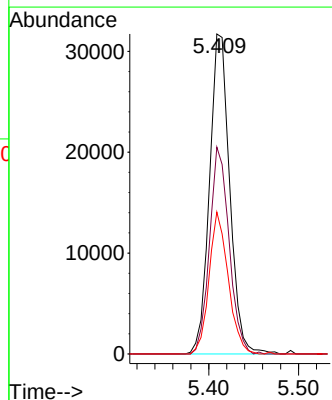
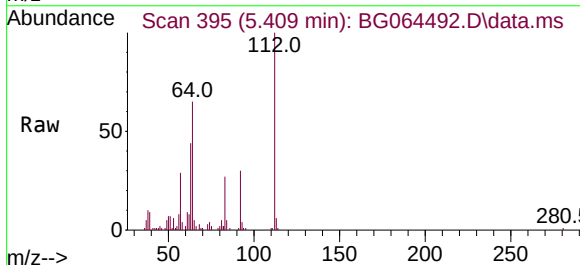
Instrument :
 BNA_G
 ClientSampleId :
 266380

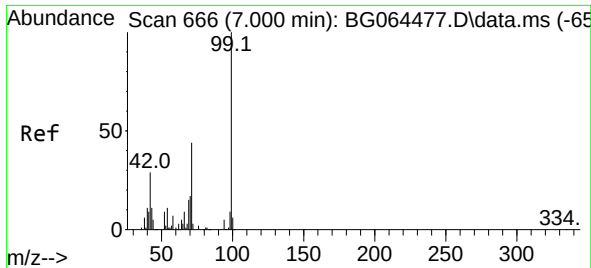
Tgt Ion:152 Resp: 17324
 Ion Ratio Lower Upper
 152 100
 150 151.4 138.6 207.8
 115 71.4 63.4 95.2



#5
 2-Fluorophenol
 Concen: 52.902 ng
 RT: 5.409 min Scan# 395
 Delta R.T. 0.003 min
 Lab File: BG064492.D
 Acq: 3 Oct 2025 18:19

Tgt Ion:112 Resp: 49521
 Ion Ratio Lower Upper
 112 100
 64 64.6 49.8 74.8
 63 44.3 31.3 46.9

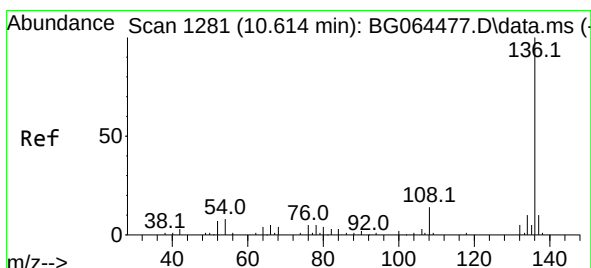
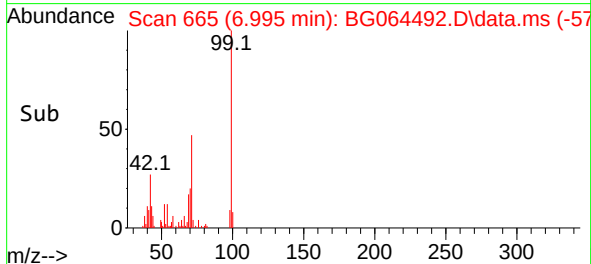
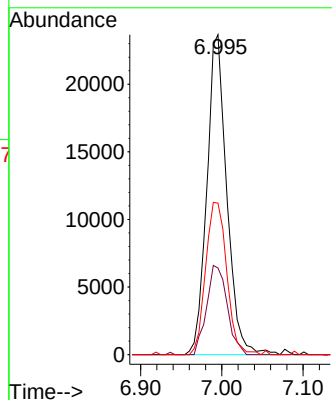
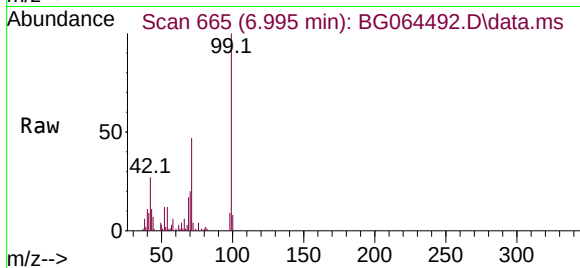




#7
Phenol-d6
Concen: 32.154 ng
RT: 6.995 min Scan# 60
Delta R.T. 0.009 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

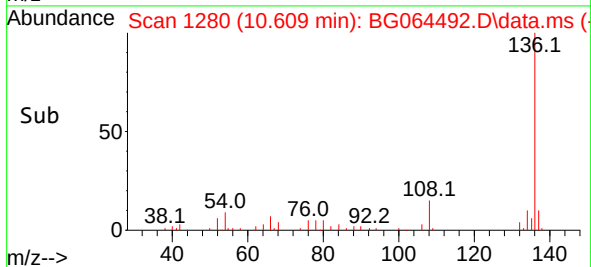
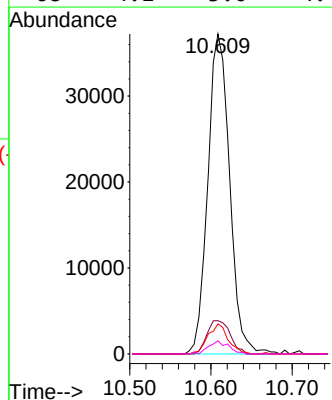
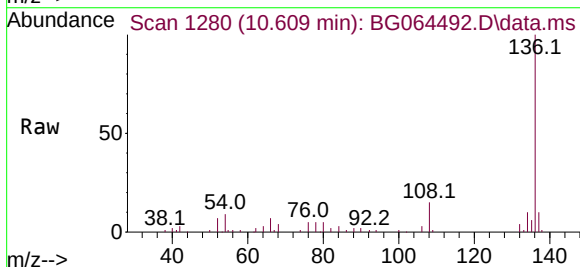
Instrument :
BNA_G
ClientSampleId :
266380

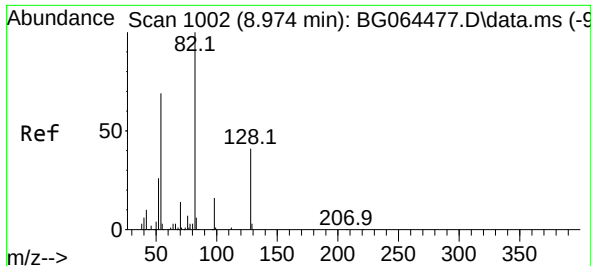
Tgt Ion: 99 Resp: 40448
Ion Ratio Lower Upper
99 100
42 27.1 22.9 34.3
71 47.3 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion: 136 Resp: 69536
Ion Ratio Lower Upper
136 100
137 10.4 8.3 12.5
54 9.4 6.2 9.4#
68 4.1 3.0 4.4





#23

Nitrobenzene-d5

Concen: 79.582 ng

RT: 8.975 min Scan# 10

Delta R.T. 0.009 min

Lab File: BG064492.D

Acq: 3 Oct 2025 18:19

Instrument :

BNA_G

ClientSampleId :

266380

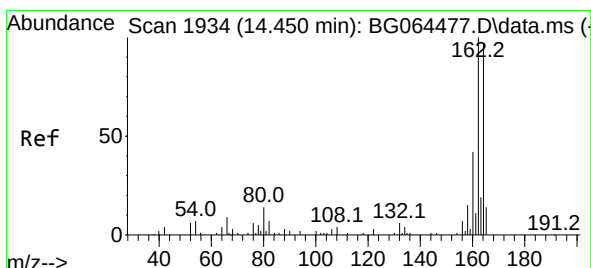
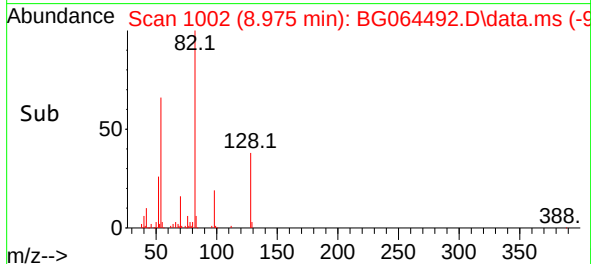
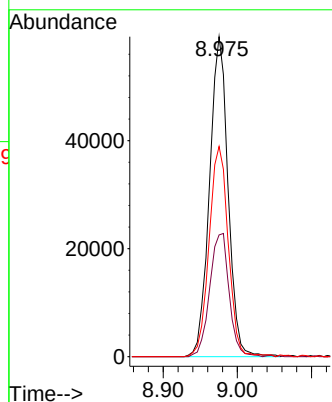
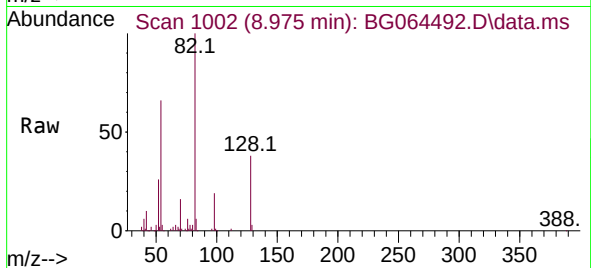
Tgt Ion: 82 Resp: 102916

Ion Ratio Lower Upper

82 100

128 38.0 33.1 49.7

54 65.7 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1933

Delta R.T. -0.003 min

Lab File: BG064492.D

Acq: 3 Oct 2025 18:19

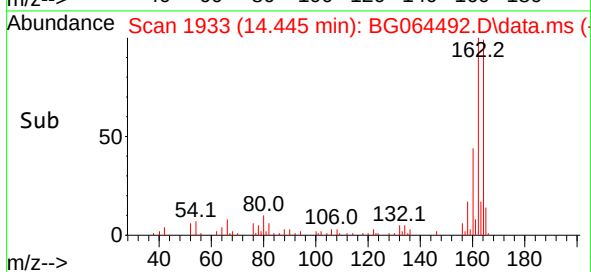
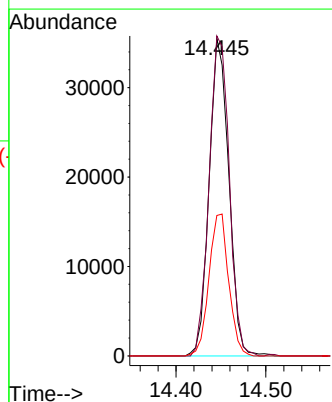
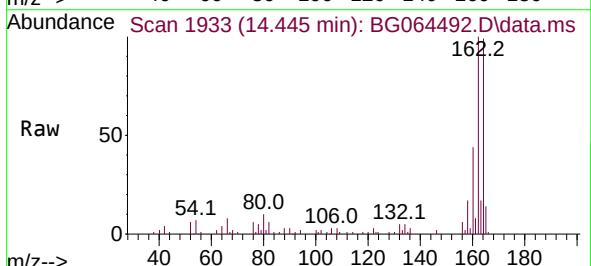
Tgt Ion:164 Resp: 54010

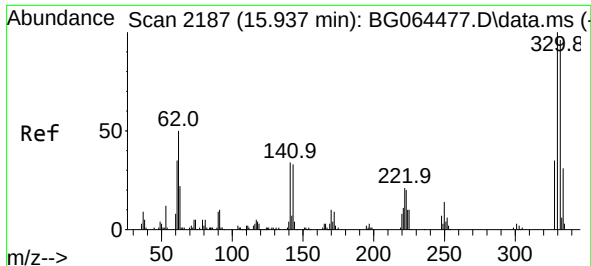
Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

160 44.3 34.3 51.5

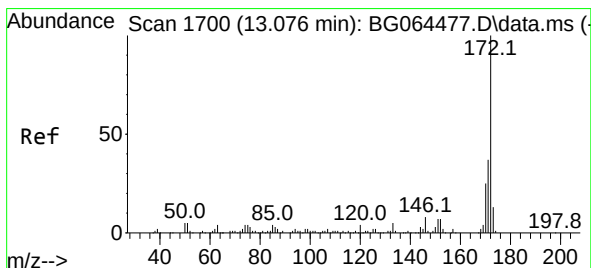
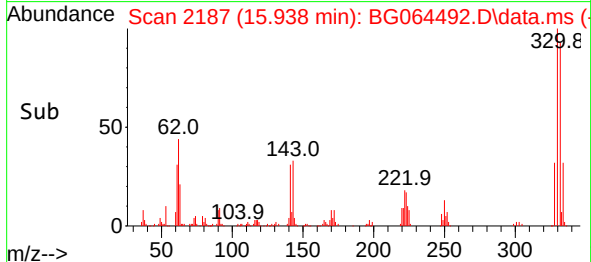
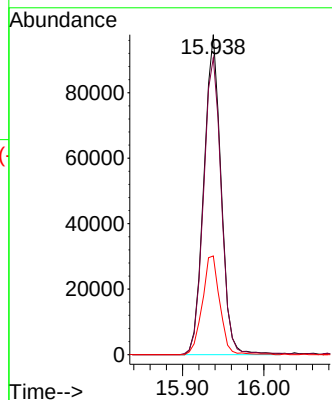
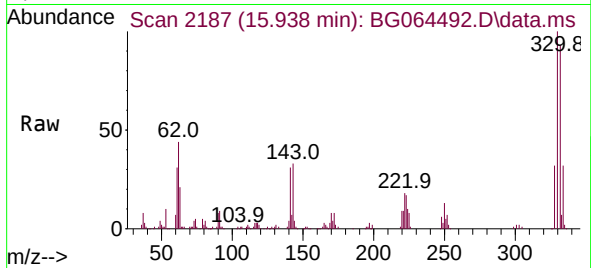




#42
2,4,6-Tribromophenol
Concen: 146.786 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

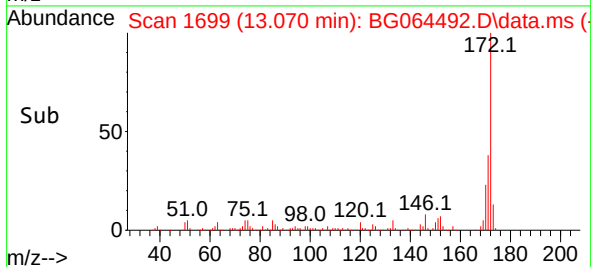
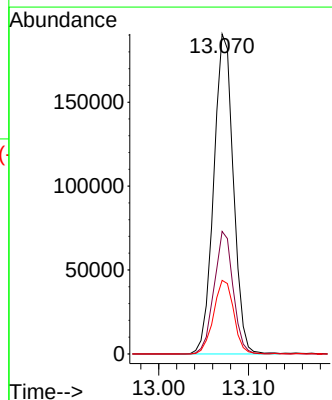
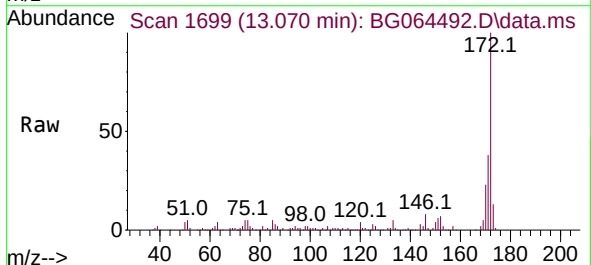
Instrument :
BNA_G
ClientSampleId :
266380

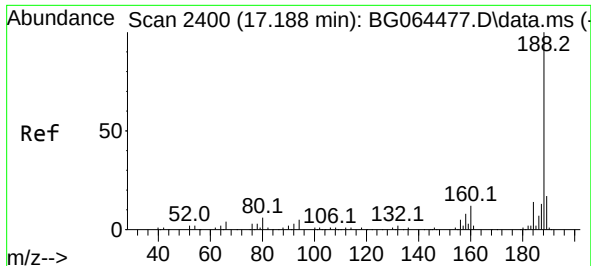
Tgt Ion:330 Resp: 143705
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 31.4 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 78.833 ng
RT: 13.070 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

Tgt Ion:172 Resp: 288858
Ion Ratio Lower Upper
172 100
171 38.3 29.6 44.4
170 23.0 20.2 30.2

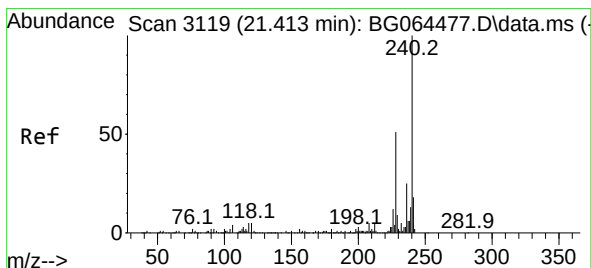
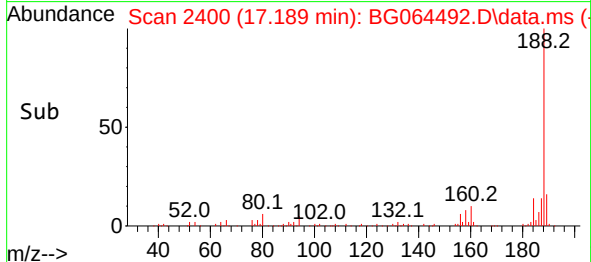
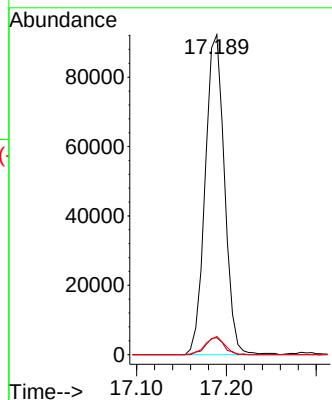
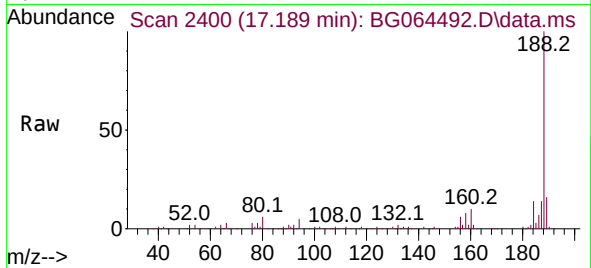




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

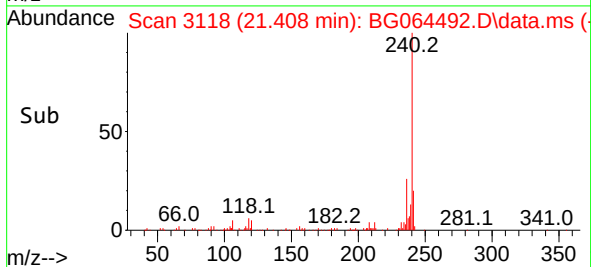
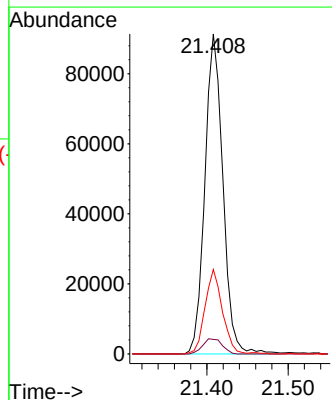
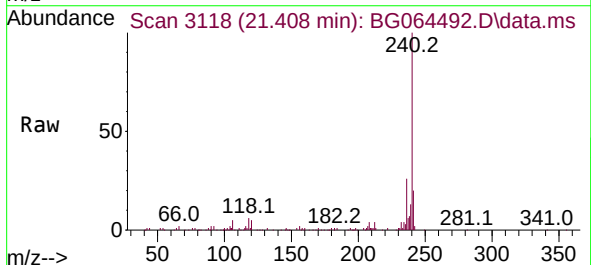
Instrument :
BNA_G
ClientSampleId :
266380

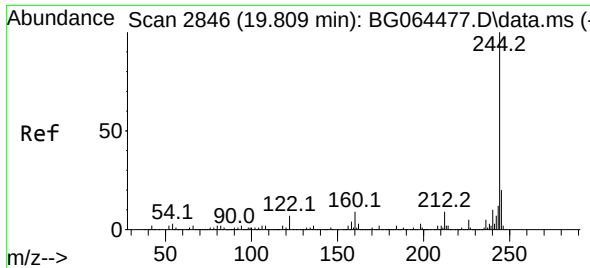
Tgt Ion:188 Resp: 137457
Ion Ratio Lower Upper
188 100
94 5.3 3.7 5.5
80 5.7 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064492.D
Acq: 3 Oct 2025 18:19

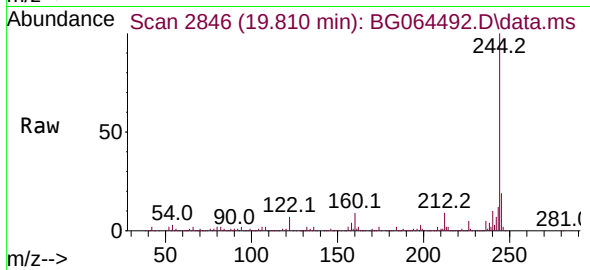
Tgt Ion:240 Resp: 140948
Ion Ratio Lower Upper
240 100
120 4.6 4.3 6.5
236 26.4 20.4 30.6



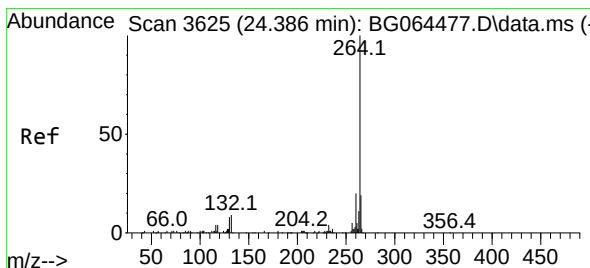
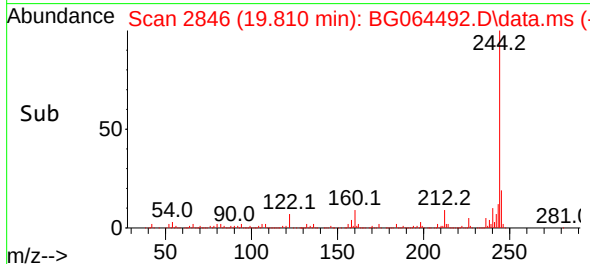
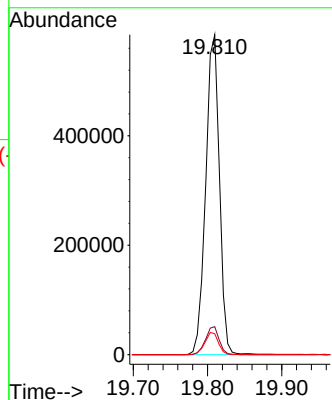


#79
 Terphenyl-d14
 Concen: 100.747 ng
 RT: 19.810 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064492.D
 Acq: 3 Oct 2025 18:19

Instrument :
 BNA_G
 ClientSampleId :
 266380



Tgt Ion:244 Resp: 750338
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.381 min Scan# 3624
 Delta R.T. -0.009 min
 Lab File: BG064492.D
 Acq: 3 Oct 2025 18:19

Tgt Ion:264 Resp: 149722
 Ion Ratio Lower Upper
 264 100
 260 24.8 16.2 24.4#
 265 21.3 15.0 22.4

