

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064493.D
 Acq On : 3 Oct 2025 18:59
 Operator : RC/JU
 Sample : Q3273-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Quant Time: Oct 04 00:00:10 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)

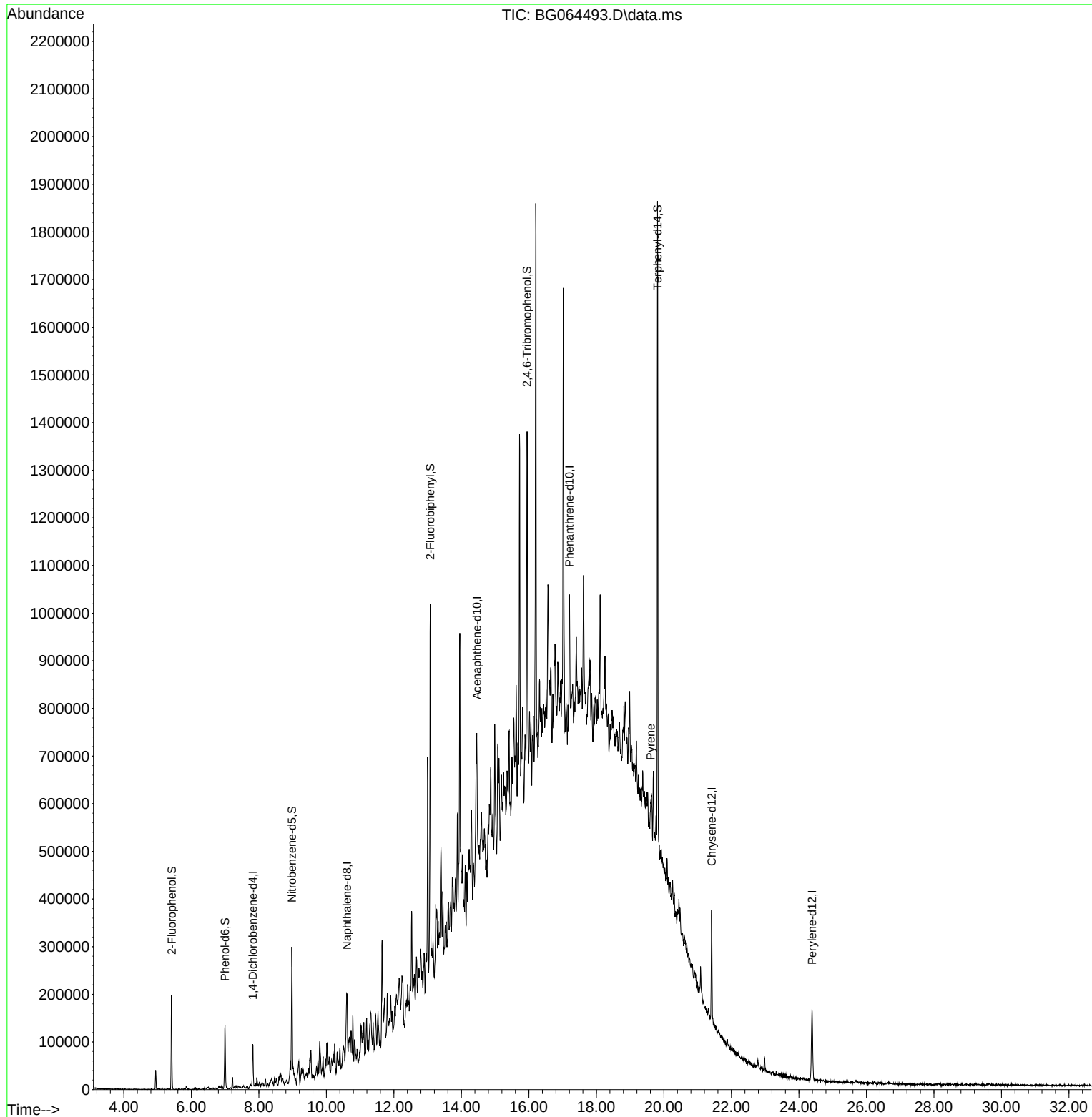
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	20058	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	82373	20.000	ng	# 0.00
39) Acenaphthene-d10	14.459	164	60802	20.000	ng	0.01
64) Phenanthrene-d10	17.197	188	129947	20.000	ng	# 0.01
76) Chrysene-d12	21.416	240	136555	20.000	ng	# 0.00
86) Perylene-d12	24.389	264	149983	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	73920	68.203	ng	0.01
7) Phenol-d6	6.997	99	59110	40.584	ng	0.01
23) Nitrobenzene-d5	8.977	82	138717	90.549	ng	0.01
42) 2,4,6-Tribromophenol	15.946	330	147739	134.050	ng	0.01
45) 2-Fluorobiphenyl	13.079	172	378313	91.713	ng	0.01
79) Terphenyl-d14	19.812	244	622795	86.312	ng	0.00
Target Compounds						
78) Pyrene	19.606	202	41244	4.654	ng	# 91

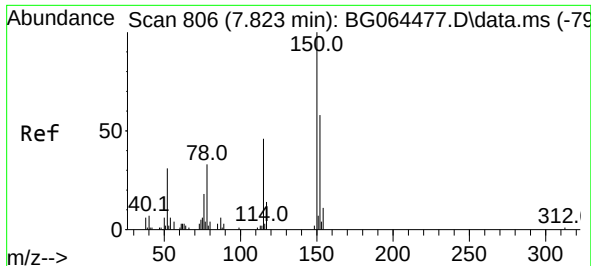
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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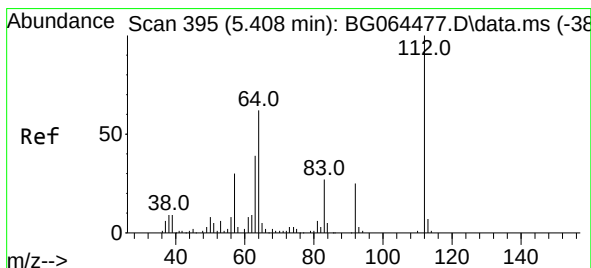
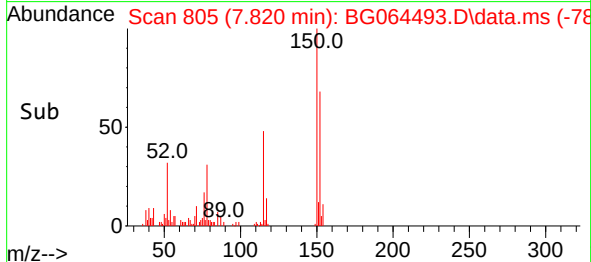
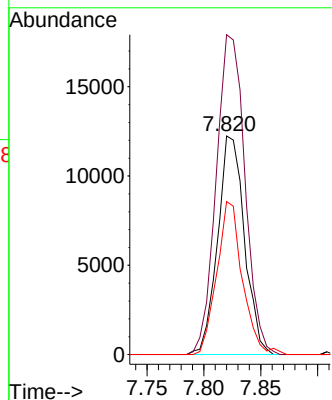
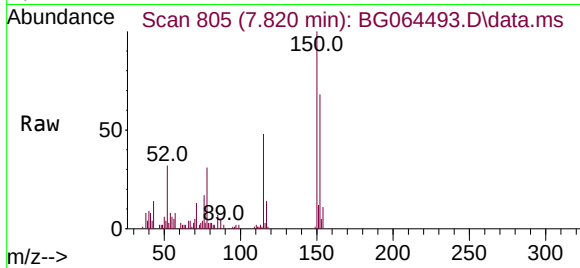


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.820 min Scan# 806
 Delta R.T. -0.000 min
 Lab File: BG064493.D
 Acq: 3 Oct 2025 18:59

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Tgt Ion:152 Resp: 20058

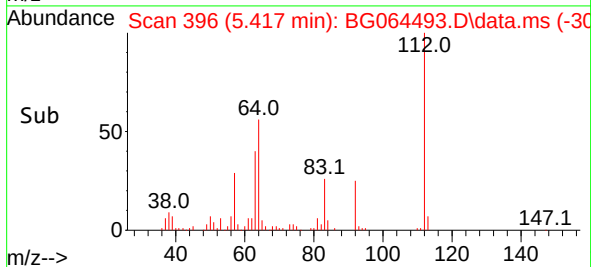
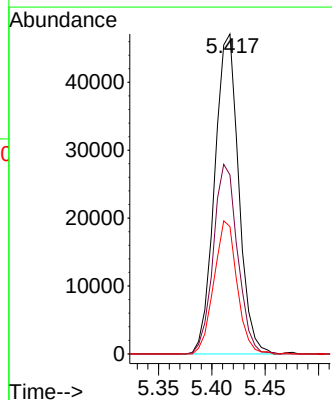
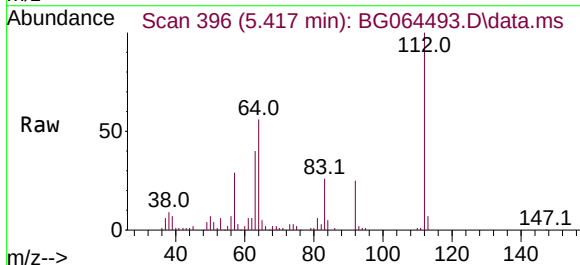
Ion	Ratio	Lower	Upper
152	100		
150	146.3	138.6	207.8
115	70.0	63.4	95.2

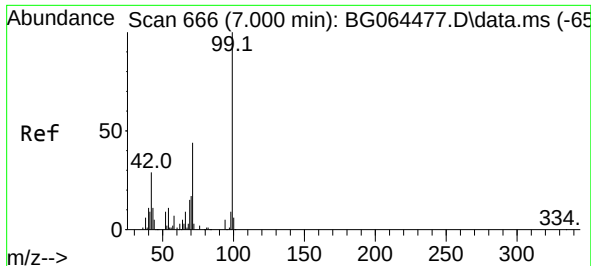


#5
 2-Fluorophenol
 Concen: 68.203 ng
 RT: 5.417 min Scan# 396
 Delta R.T. 0.011 min
 Lab File: BG064493.D
 Acq: 3 Oct 2025 18:59

Tgt Ion:112 Resp: 73920

Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.8	74.8
63	39.8	31.3	46.9

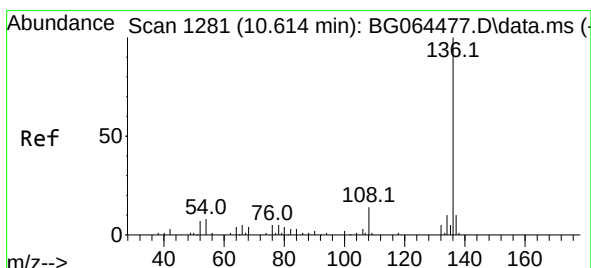
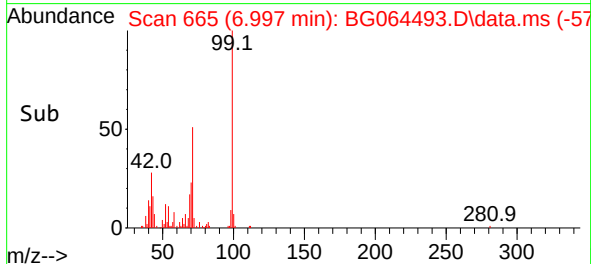
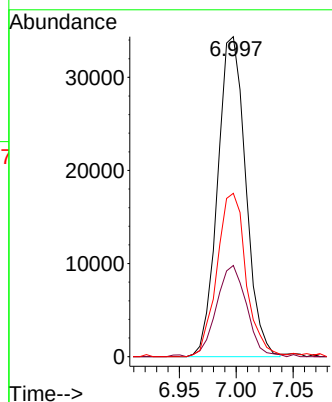
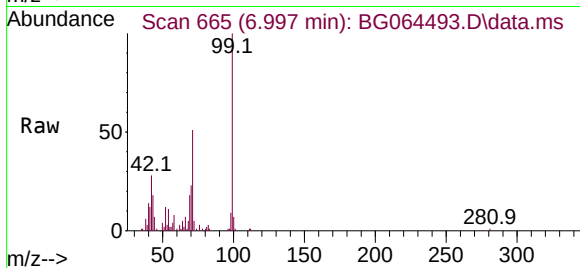




#7
Phenol-d6
Concen: 40.584 ng
RT: 6.997 min Scan# 60
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

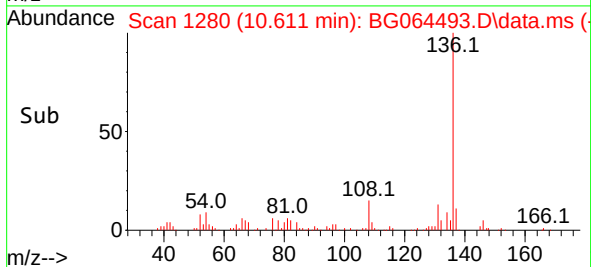
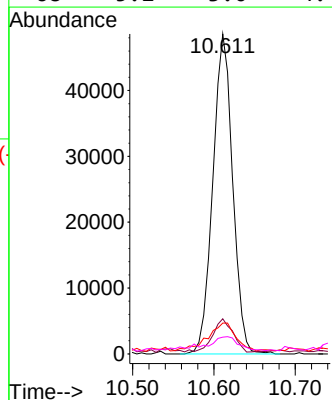
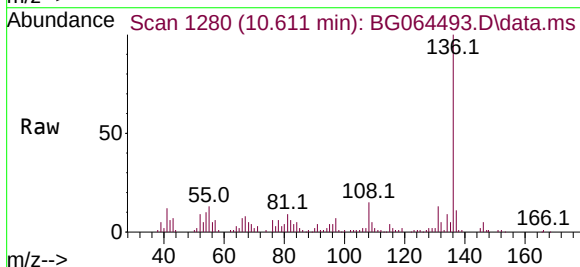
Instrument :
BNA_G
ClientSampleId :
MW1

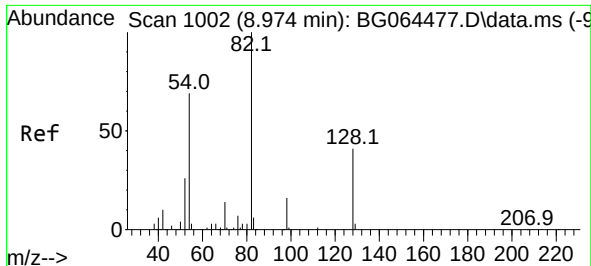
Tgt Ion: 99 Resp: 59110
Ion Ratio Lower Upper
99 100
42 28.5 22.9 34.3
71 51.0 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:136 Resp: 82373
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 9.6 6.2 9.4#
68 5.2 3.0 4.4#

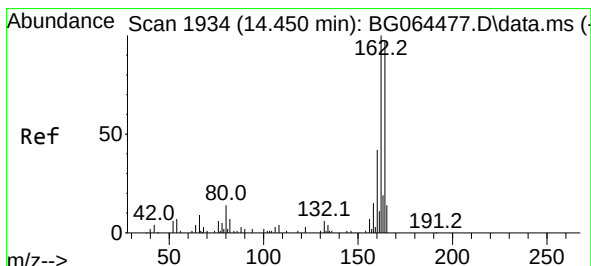
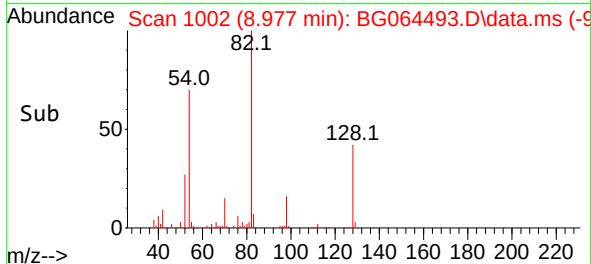
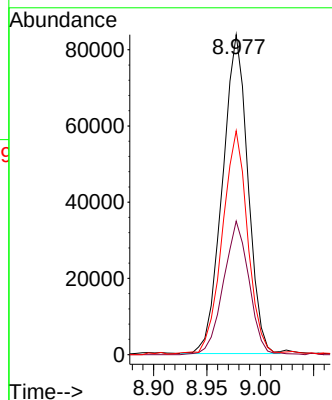
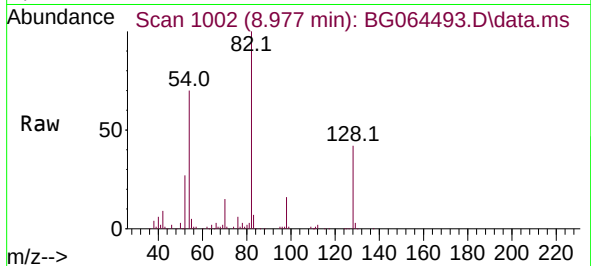




#23
Nitrobenzene-d5
Concen: 90.549 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

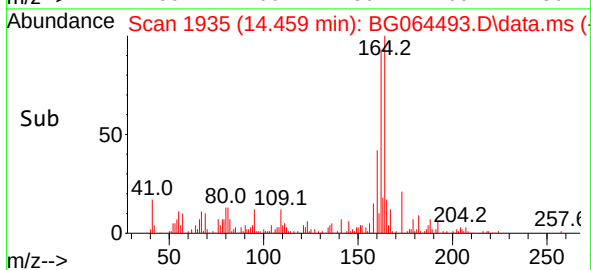
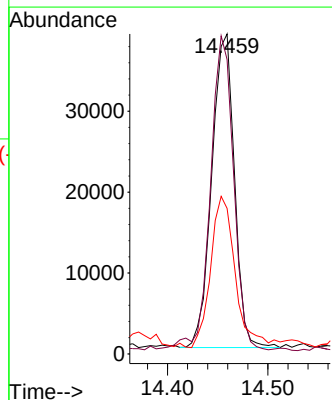
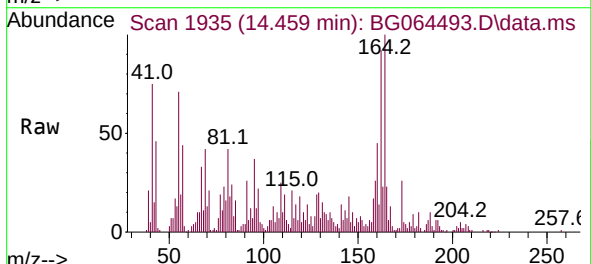
Instrument :
BNA_G
ClientSampleId :
MW1

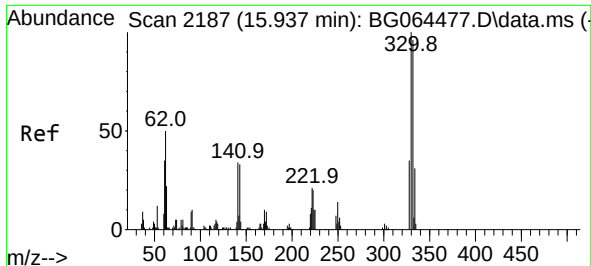
Tgt Ion: 82 Resp: 138717
Ion Ratio Lower Upper
82 100
128 41.7 33.1 49.7
54 69.9 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:164 Resp: 60802
Ion Ratio Lower Upper
164 100
162 92.0 82.2 123.2
160 45.5 34.3 51.5

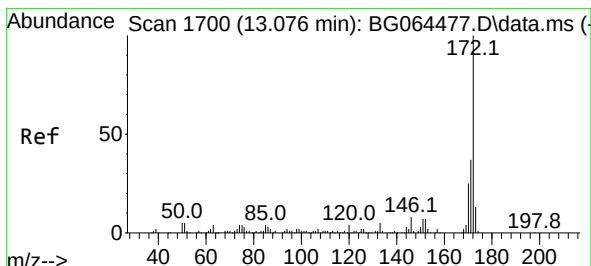
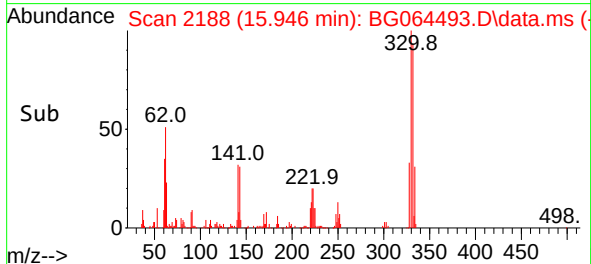
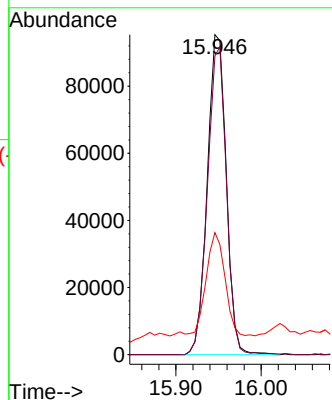
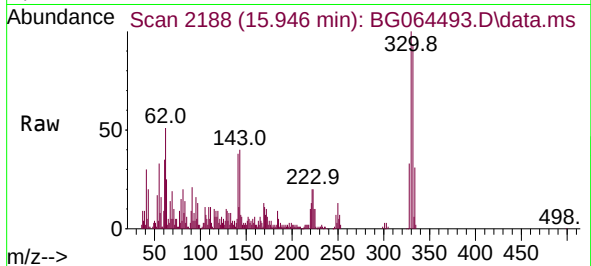




#42
2,4,6-Tribromophenol
Concen: 134.050 ng
RT: 15.946 min Scan# 2187
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

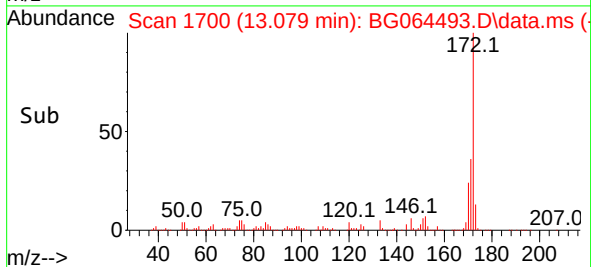
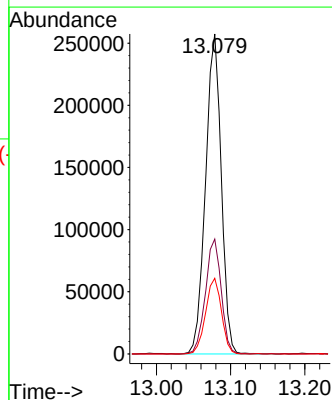
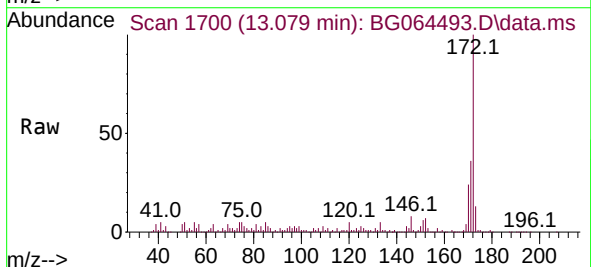
Instrument :
BNA_G
ClientSampleId :
MW1

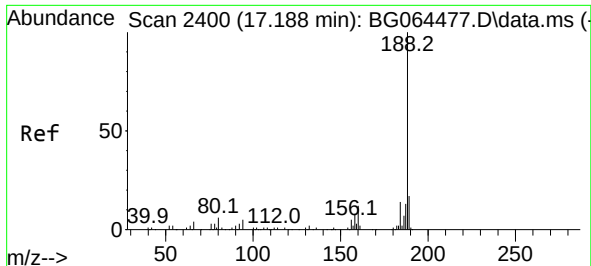
Tgt Ion:330 Resp: 147739
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 34.0 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 91.713 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:172 Resp: 378313
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.6 20.2 30.2

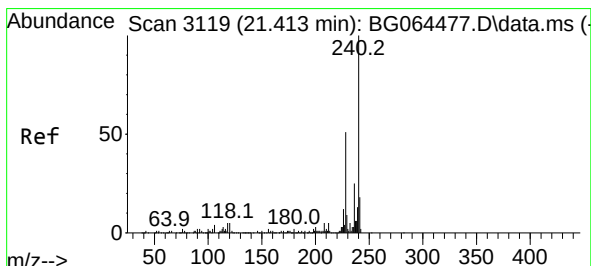
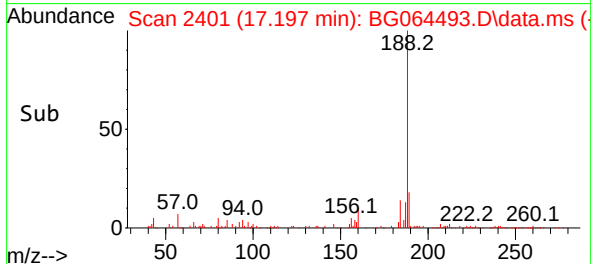
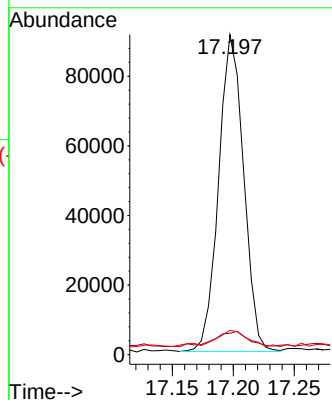
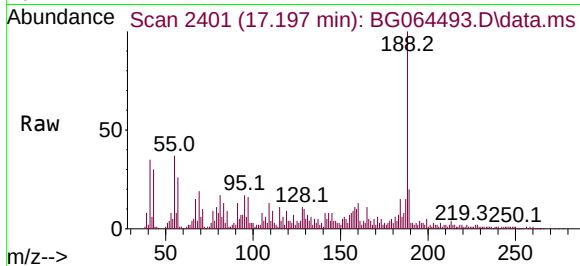




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 2401
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

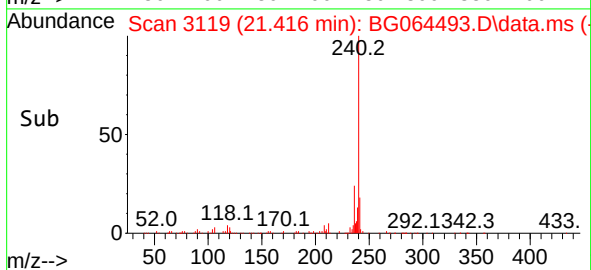
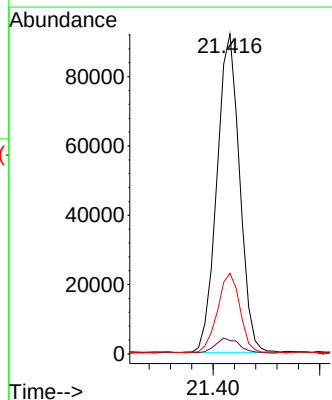
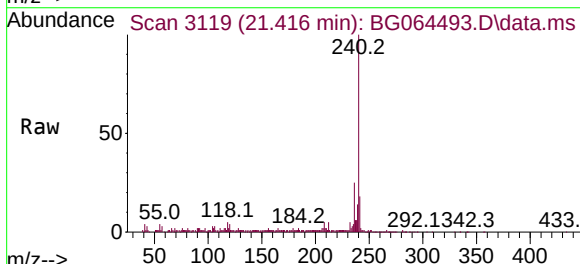
Instrument :
BNA_G
ClientSampleId :
MW1

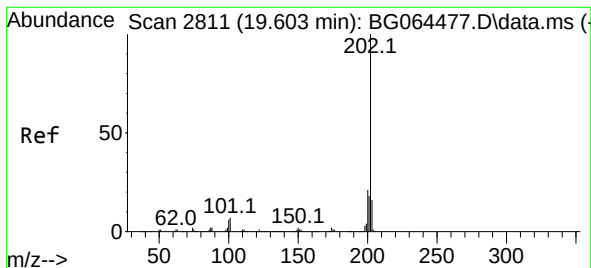
Tgt Ion:188 Resp: 129947
Ion Ratio Lower Upper
188 100
94 6.7 3.7 5.5#
80 7.6 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:240 Resp: 136555
Ion Ratio Lower Upper
240 100
120 4.2 4.3 6.5#
236 25.2 20.4 30.6





#78

Pyrene

Concen: 4.654 ng

RT: 19.606 min Scan# 2811

Delta R.T. 0.005 min

Lab File: BG064493.D

Acq: 3 Oct 2025 18:59

Instrument :

BNA_G

ClientSampleId :

MW1

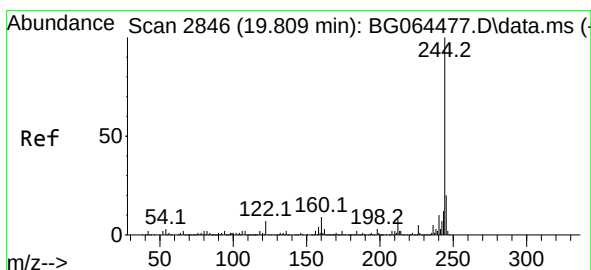
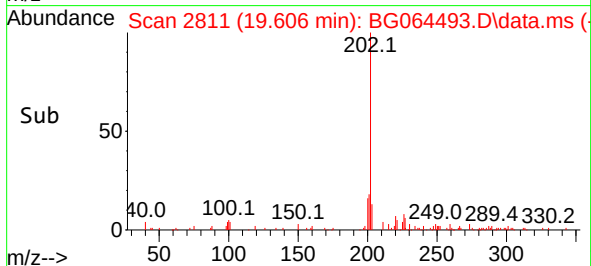
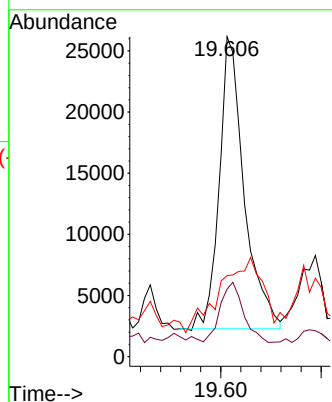
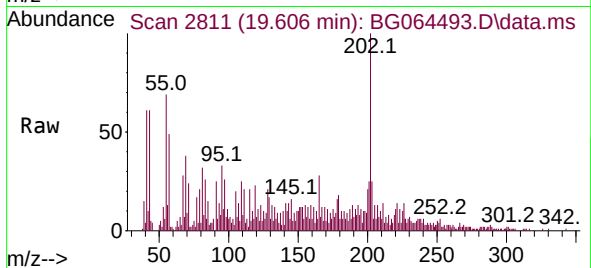
Tgt Ion:202 Resp: 41244

Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.4

203 25.3 13.0 19.4#



#79

Terphenyl-d14

Concen: 86.312 ng

RT: 19.812 min Scan# 2846

Delta R.T. 0.005 min

Lab File: BG064493.D

Acq: 3 Oct 2025 18:59

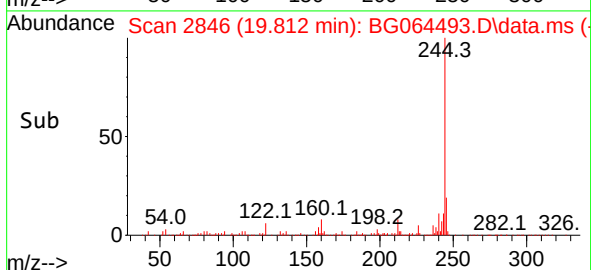
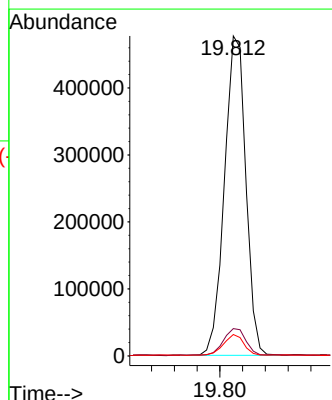
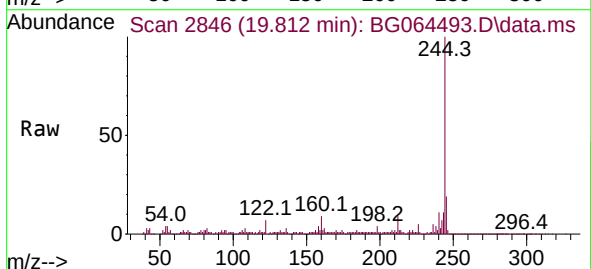
Tgt Ion:244 Resp: 622795

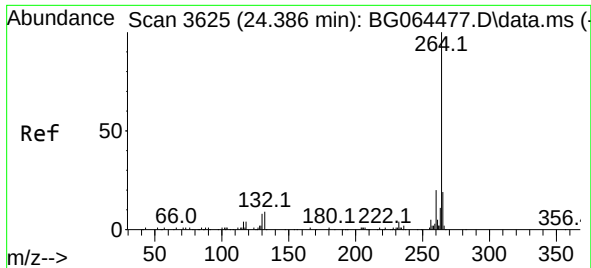
Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 6.7 5.6 8.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.389 min Scan# 3625
 Delta R.T. -0.000 min
 Lab File: BG064493.D
 Acq: 3 Oct 2025 18:59

Instrument :
 BNA_G
 ClientSampleId :
 MW1

Tgt Ion:264 Resp: 149983
 Ion Ratio Lower Upper
 264 100
 260 24.4 16.2 24.4#
 265 22.5 15.0 22.4#

