

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
 Data File : BG064495.D
 Acq On : 3 Oct 2025 20:21
 Operator : RC/JU
 Sample : Q3272-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5417-CONCRETE

Quant Time: Oct 04 00:01:06 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	7.827	152	15477	20.000	ng	0.00
21) Naphthalene-d8	10.612	136	66976	20.000	ng	0.00
39) Acenaphthene-d10	14.448	164	54147	20.000	ng	0.00
64) Phenanthrene-d10	17.186	188	129156	20.000	ng	0.00
76) Chrysene-d12	21.411	240	129638	20.000	ng	0.00
86) Perylene-d12	24.390	264	147451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.412	112	33084	39.561	ng	0.00
7) Phenol-d6	6.998	99	60207	53.573	ng	0.01
23) Nitrobenzene-d5	8.972	82	48759	39.145	ng	0.00
42) 2,4,6-Tribromophenol	15.935	330	28453	28.990	ng	0.00
45) 2-Fluorobiphenyl	13.073	172	157667	42.920	ng	0.00
79) Terphenyl-d14	19.807	244	350772	51.207	ng	0.00

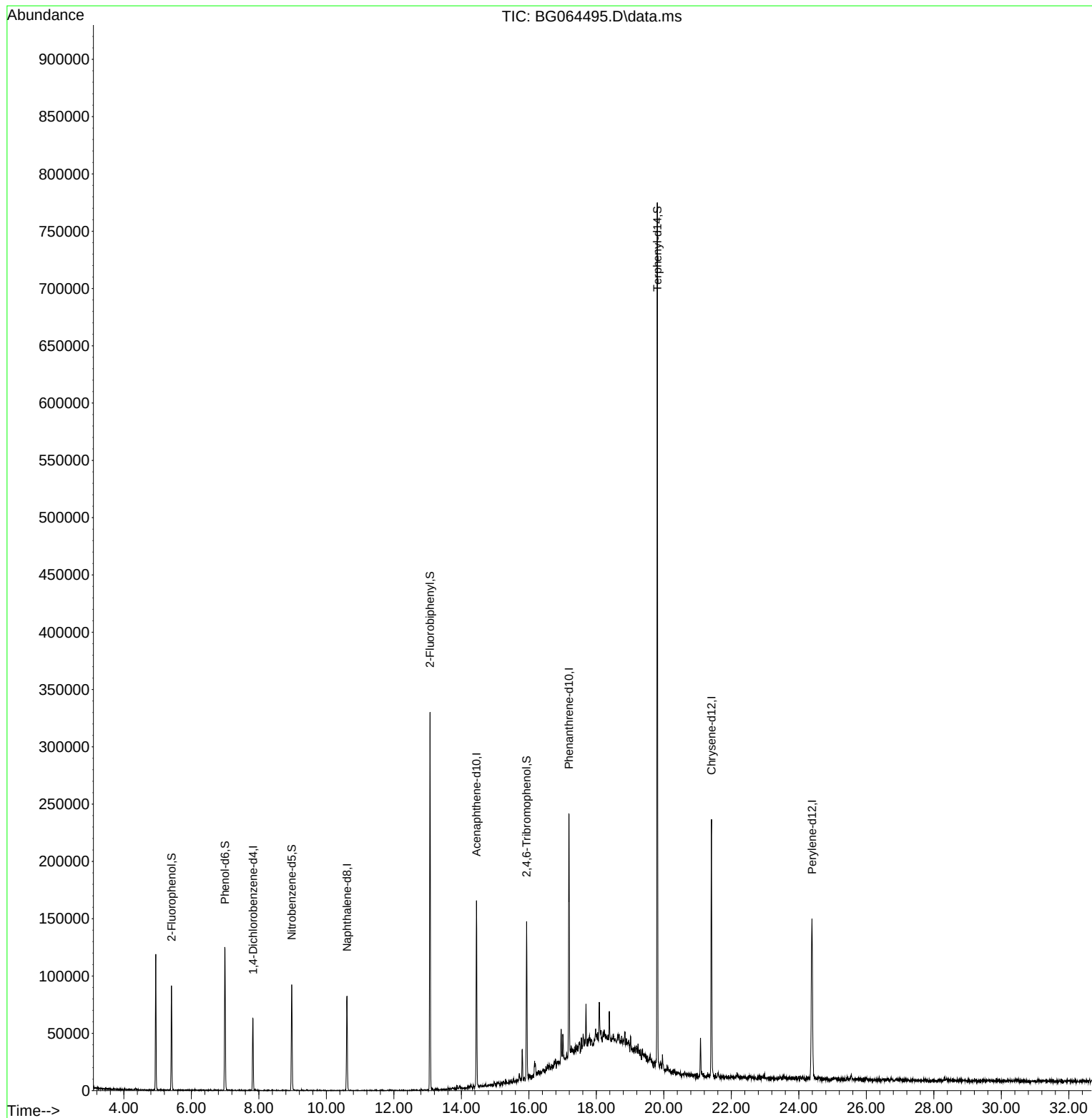
Target Compounds	Qvalue

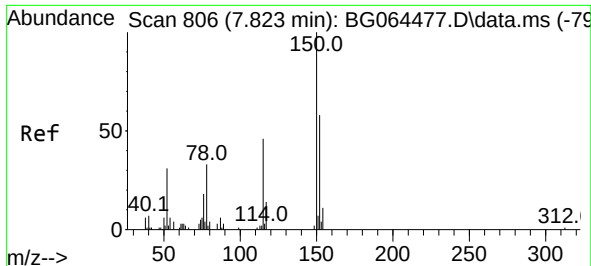
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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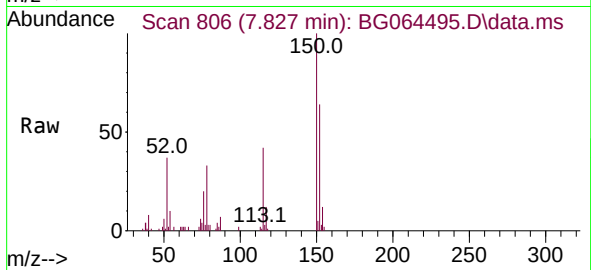
Quant Time: Oct 04 00:01:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
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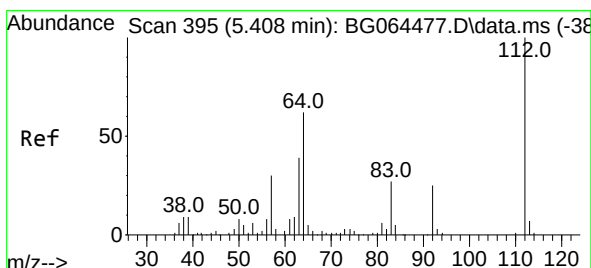
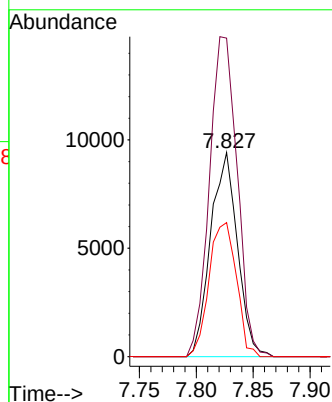
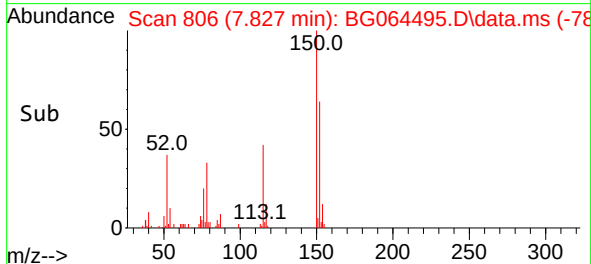


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.827 min Scan# 806
Delta R.T. 0.007 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21

Instrument :
BNA_G
ClientSampleId :
RT5417-CONCRETE

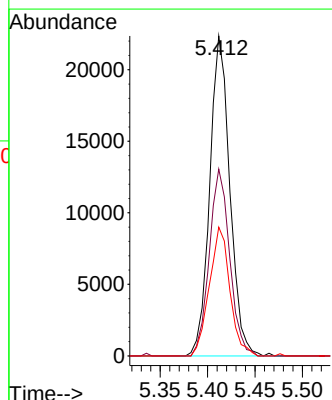
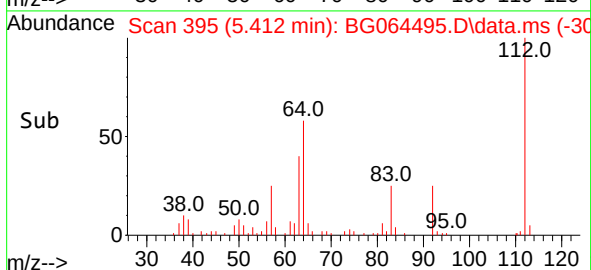
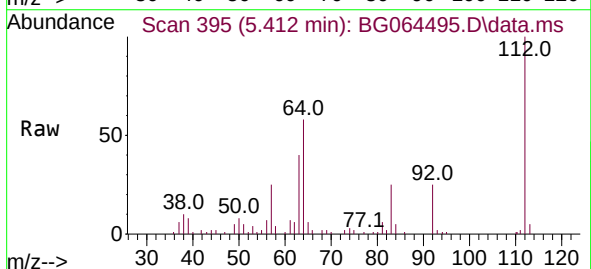


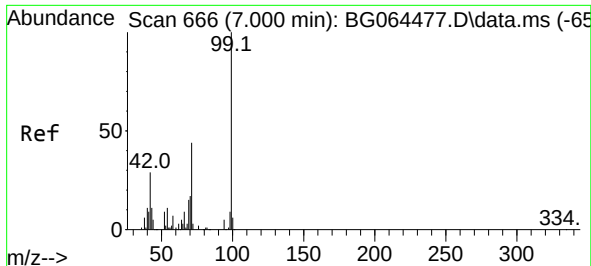
Tgt Ion:152 Resp: 15477
Ion Ratio Lower Upper
152 100
150 156.1 138.6 207.8
115 65.7 63.4 95.2



#5
2-Fluorophenol
Concen: 39.561 ng
RT: 5.412 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21

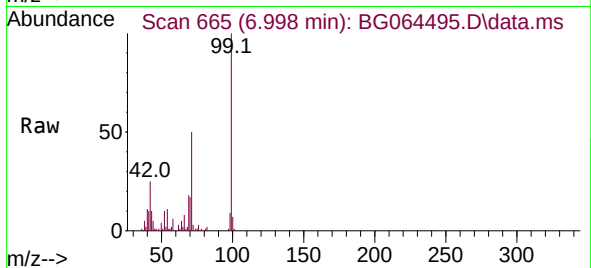
Tgt Ion:112 Resp: 33084
Ion Ratio Lower Upper
112 100
64 58.4 49.8 74.8
63 40.2 31.3 46.9



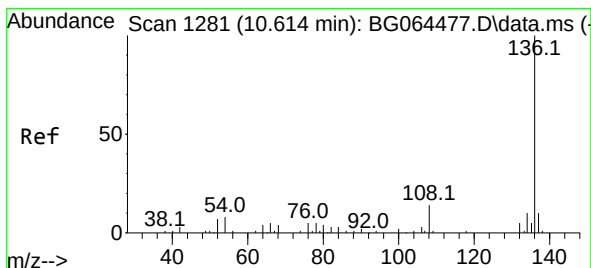
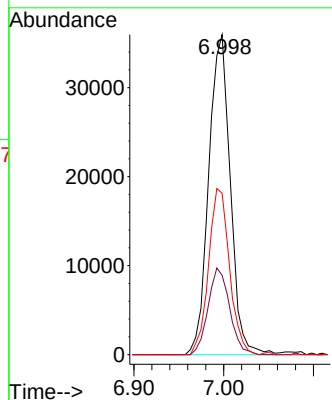
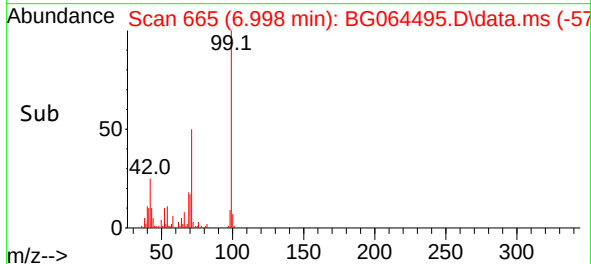


#7
Phenol-d6
Concen: 53.573 ng
RT: 6.998 min Scan# 60
Delta R.T. 0.012 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21

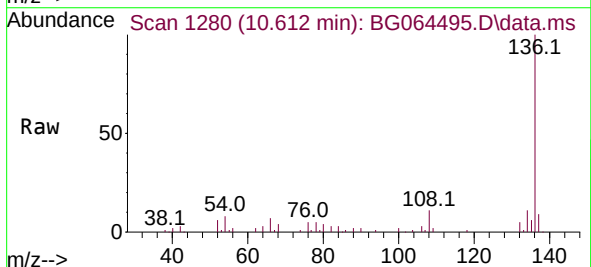
Instrument :
BNA_G
ClientSampleId :
RT5417-CONCRETE



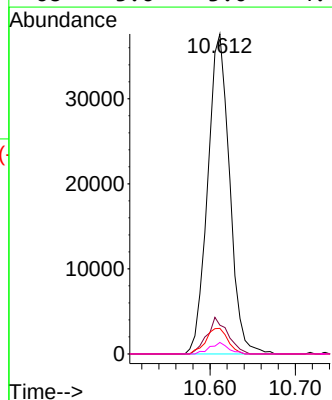
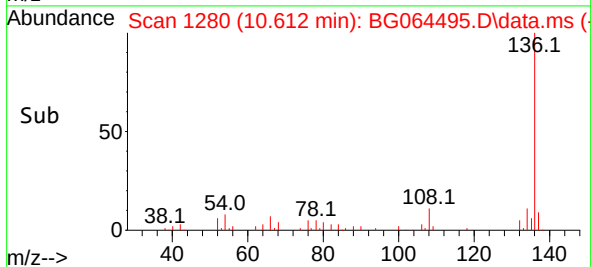
Tgt Ion: 99 Resp: 60207
Ion Ratio Lower Upper
99 100
42 24.8 22.9 34.3
71 50.4 35.4 53.2

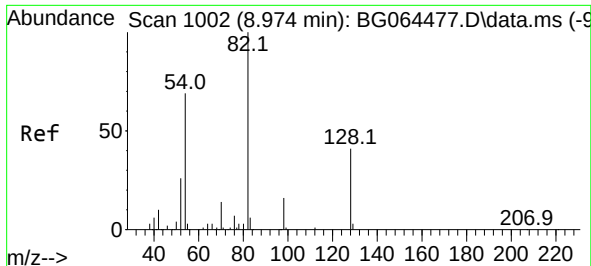


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.612 min Scan# 1280
Delta R.T. 0.006 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21



Tgt Ion: 136 Resp: 66976
Ion Ratio Lower Upper
136 100
137 9.0 8.3 12.5
54 8.0 6.2 9.4
68 3.6 3.0 4.4





#23

Nitrobenzene-d5

Concen: 39.145 ng

RT: 8.972 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BG064495.D

Acq: 3 Oct 2025 20:21

Instrument :

BNA_G

ClientSampleId :

RT5417-CONCRETE

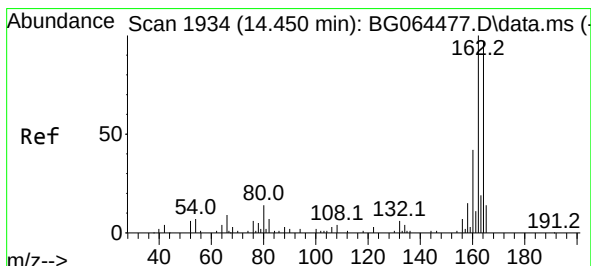
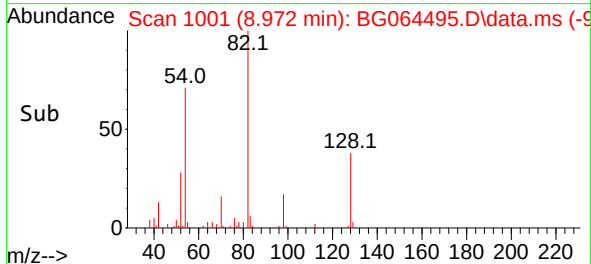
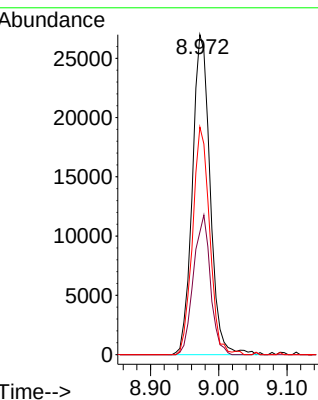
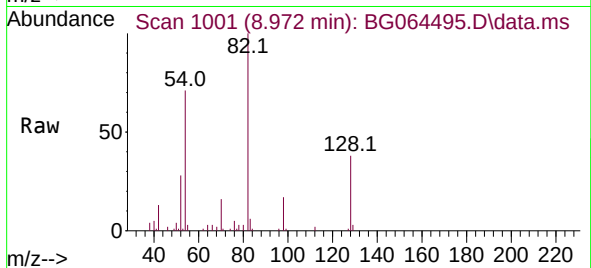
Tgt Ion: 82 Resp: 48759

Ion Ratio Lower Upper

82 100

128 38.3 33.1 49.7

54 71.1 55.4 83.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.448 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BG064495.D

Acq: 3 Oct 2025 20:21

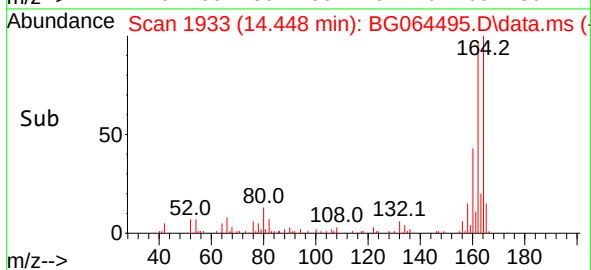
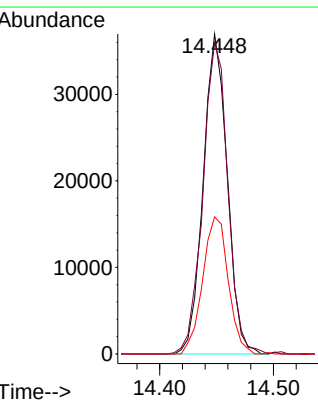
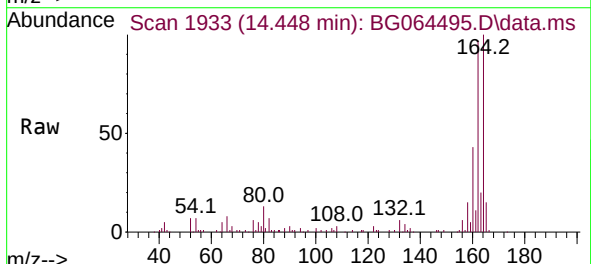
Tgt Ion:164 Resp: 54147

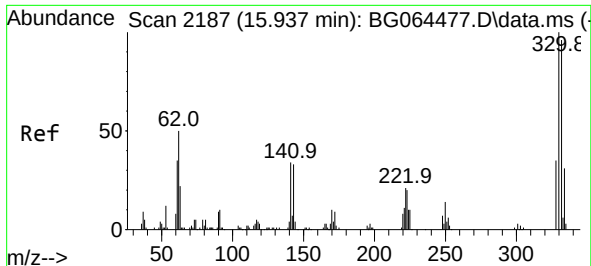
Ion Ratio Lower Upper

164 100

162 97.2 82.2 123.2

160 42.8 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 28.990 ng

RT: 15.935 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG064495.D

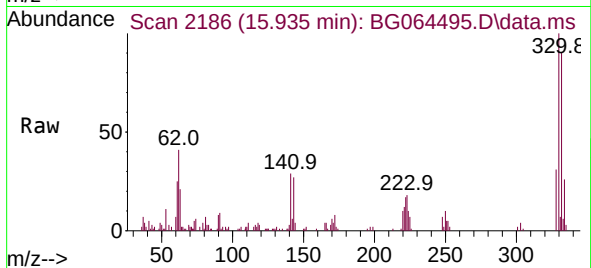
Acq: 3 Oct 2025 20:21

Instrument :

BNA_G

ClientSampleId :

RT5417-CONCRETE



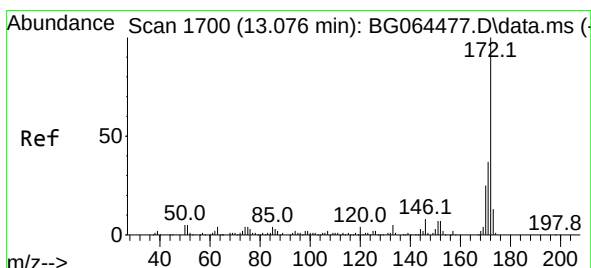
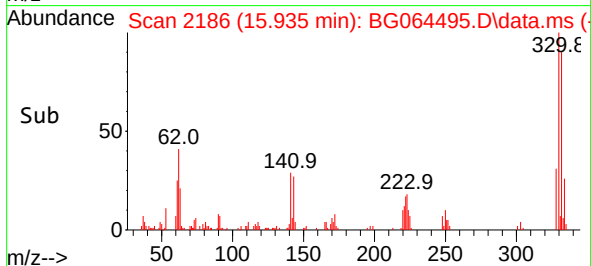
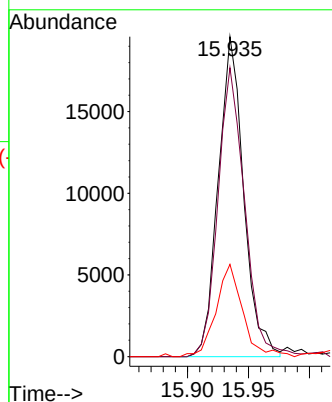
Tgt Ion:330 Resp: 28453

Ion Ratio Lower Upper

330 100

332 94.6 77.4 116.0

141 30.0 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 42.920 ng

RT: 13.073 min Scan# 1699

Delta R.T. 0.006 min

Lab File: BG064495.D

Acq: 3 Oct 2025 20:21

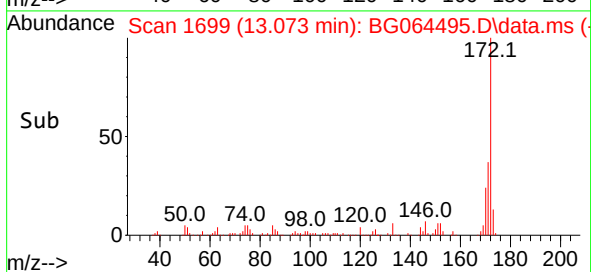
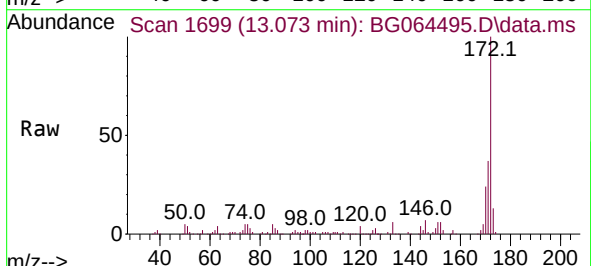
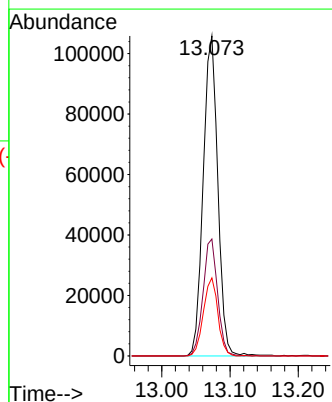
Tgt Ion:172 Resp: 157667

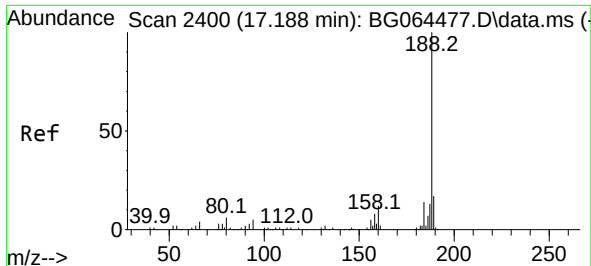
Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 24.4 20.2 30.2

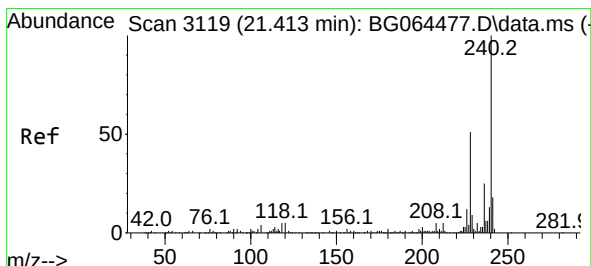
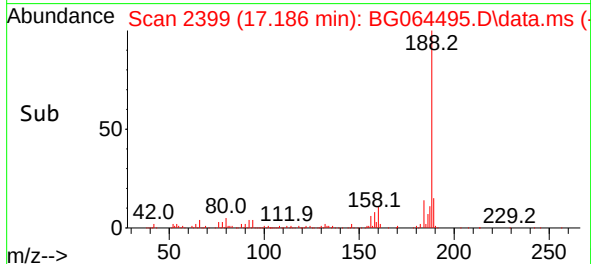
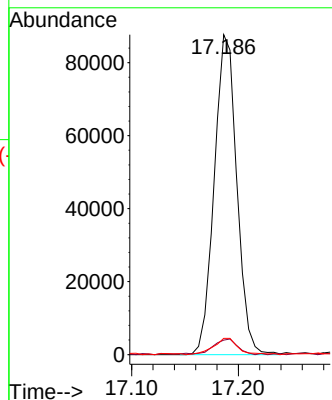
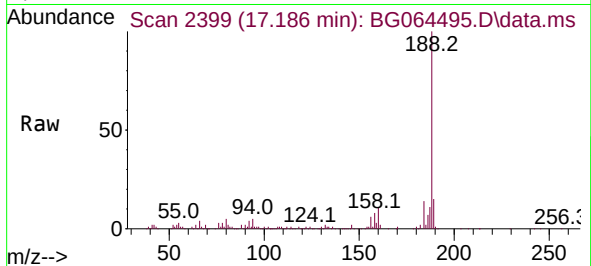




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 2399
Delta R.T. 0.000 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21

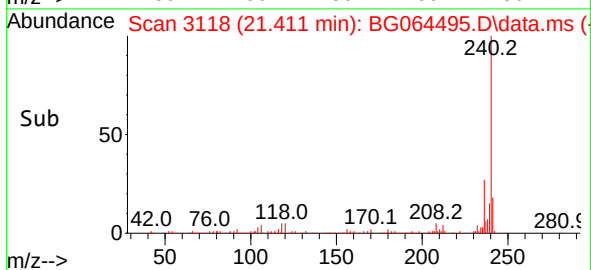
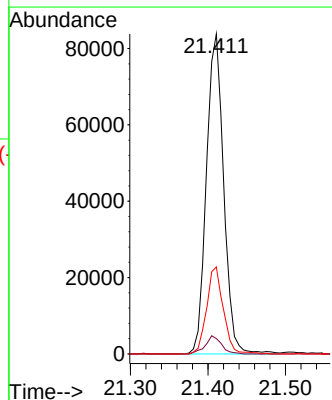
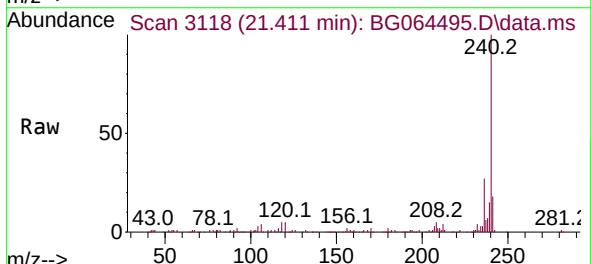
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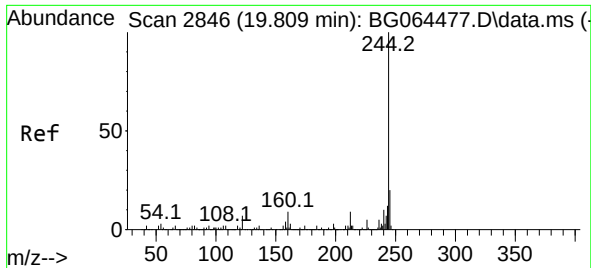
Tgt Ion:188 Resp: 129156
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 5.1 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.411 min Scan# 3118
Delta R.T. 0.001 min
Lab File: BG064495.D
Acq: 3 Oct 2025 20:21

Tgt Ion:240 Resp: 129638
Ion Ratio Lower Upper
240 100
120 4.8 4.3 6.5
236 27.2 20.4 30.6

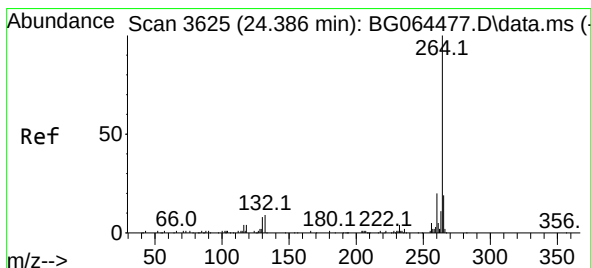
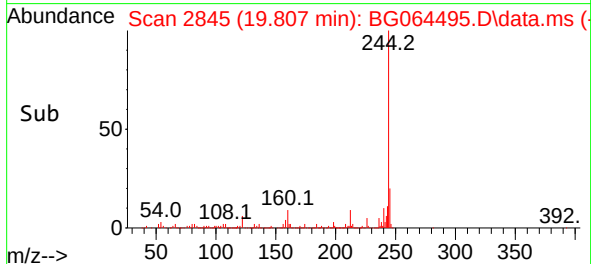
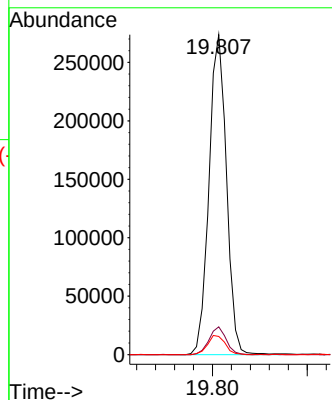
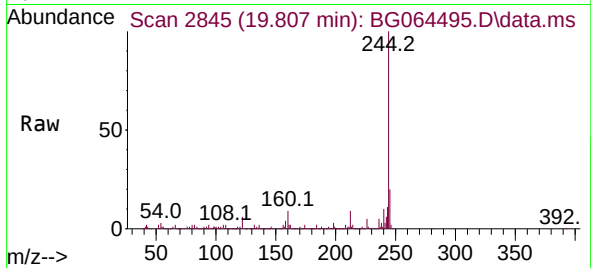




#79
 Terphenyl-d14
 Concen: 51.207 ng
 RT: 19.807 min Scan# 2846
 Delta R.T. 0.000 min
 Lab File: BG064495.D
 Acq: 3 Oct 2025 20:21

Instrument :
 BNA_G
 ClientSampleId :
 RT5417-CONCRETE

Tgt Ion:244 Resp: 350772
 Ion Ratio Lower Upper
 244 100
 212 8.7 7.0 10.6
 122 5.7 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.390 min Scan# 3625
 Delta R.T. 0.000 min
 Lab File: BG064495.D
 Acq: 3 Oct 2025 20:21

Tgt Ion:264 Resp: 147451
 Ion Ratio Lower Upper
 264 100
 260 21.3 16.2 24.4
 265 22.2 15.0 22.4

