

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102025\
 Data File : BG064550.D
 Acq On : 20 Oct 2025 15:21
 Operator : RC/JU
 Sample : Q3374-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5-WC

Quant Time: Oct 20 15:58:01 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	7.817	152	12903	20.000	ng	0.00
21) Naphthalene-d8	10.602	136	47601	20.000	ng	# 0.00
39) Acenaphthene-d10	14.450	164	34767	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	80263	20.000	ng	# 0.00
76) Chrysene-d12	21.412	240	108613	20.000	ng	# 0.00
86) Perylene-d12	24.397	264	122153	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	70584	101.239	ng	0.00
7) Phenol-d6	7.000	99	106626	113.804	ng	0.01
23) Nitrobenzene-d5	8.968	82	73952	83.536	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	83529	132.543	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	188267	79.819	ng	0.00
79) Terphenyl-d14	19.808	244	465177	81.054	ng	0.00

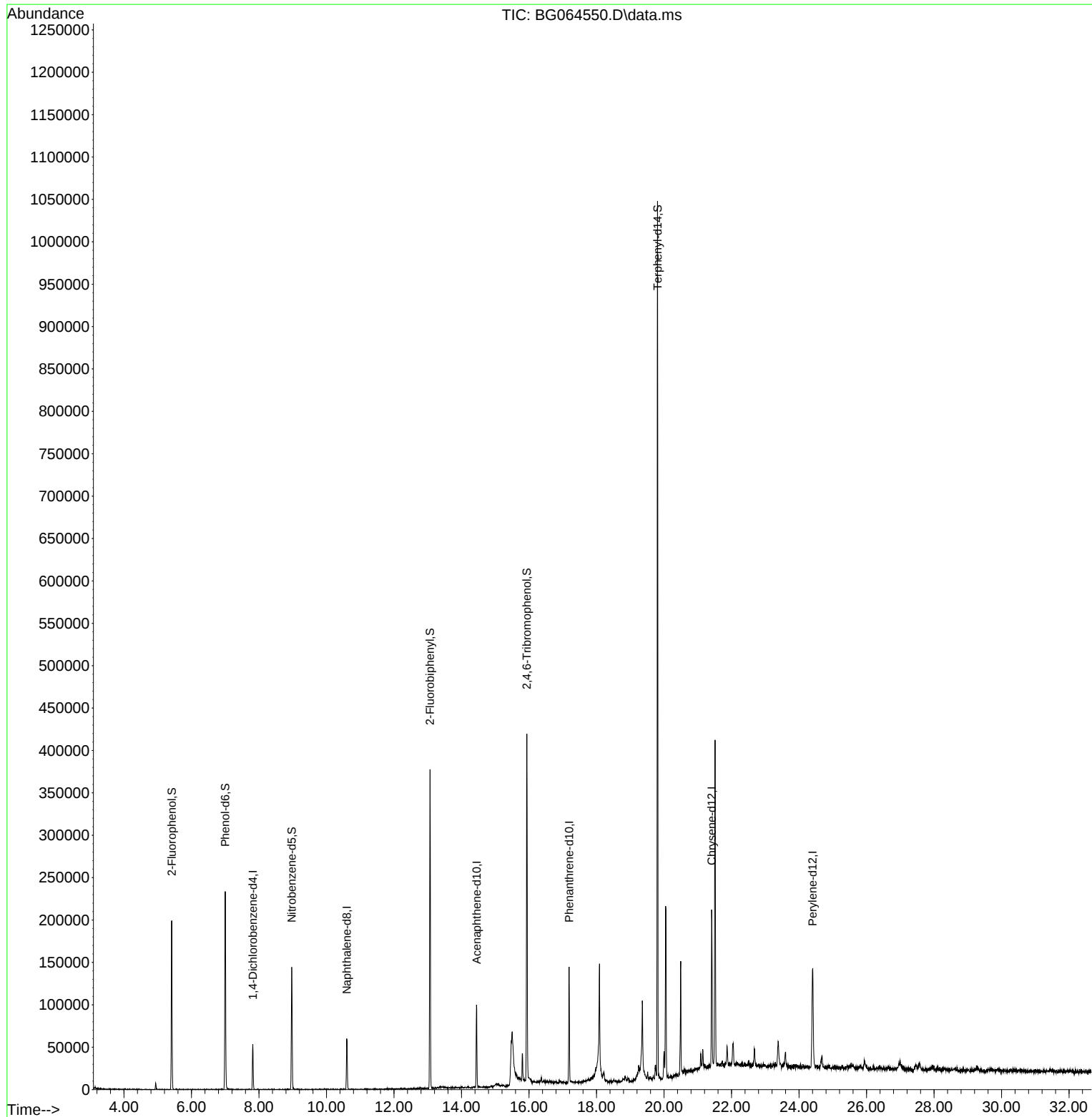
Target Compounds	Qvalue

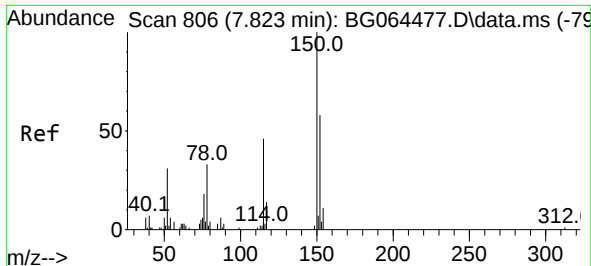
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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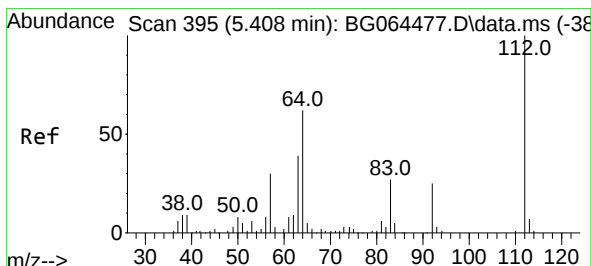
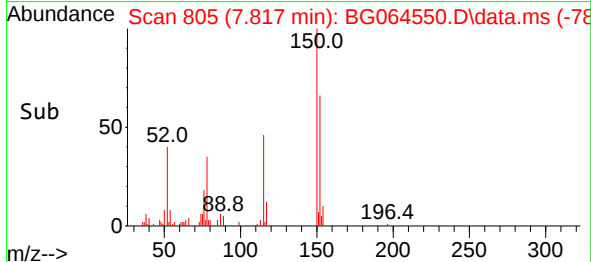
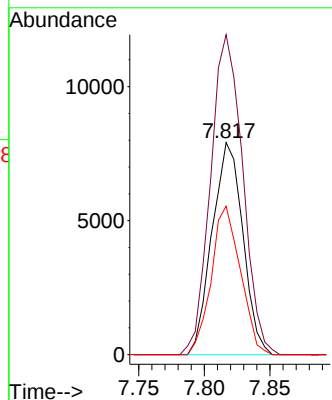
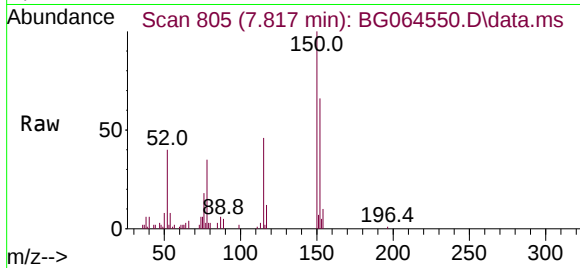




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.817 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

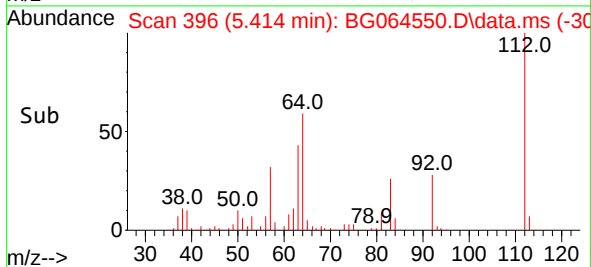
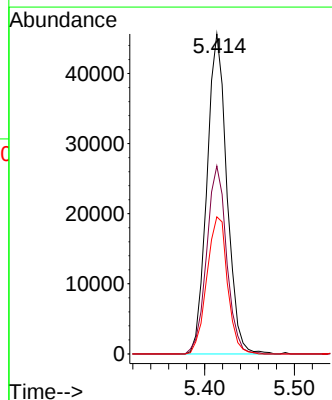
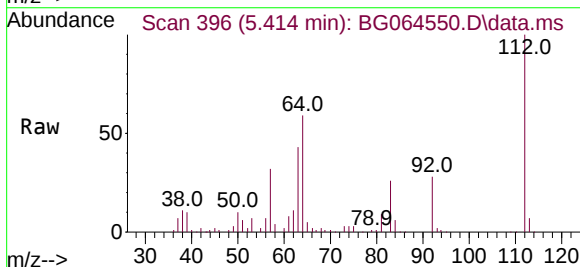
Instrument :
BNA_G
ClientSampleId :
TP-5-WC

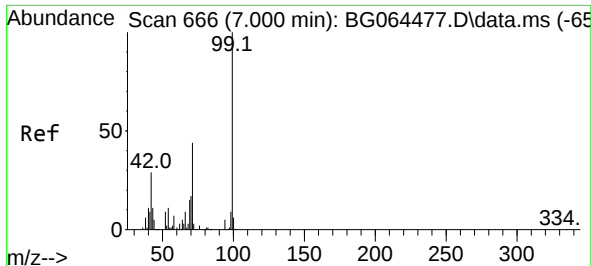
Tgt Ion:152 Resp: 12903
Ion Ratio Lower Upper
152 100
150 150.8 138.6 207.8
115 70.0 63.4 95.2



#5
2-Fluorophenol
Concen: 101.239 ng
RT: 5.414 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

Tgt Ion:112 Resp: 70584
Ion Ratio Lower Upper
112 100
64 58.7 49.8 74.8
63 42.8 31.3 46.9

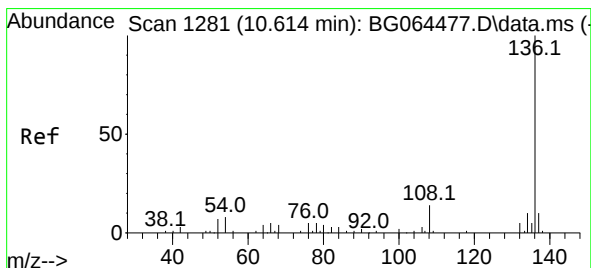
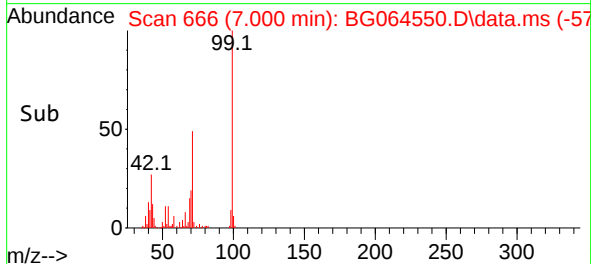
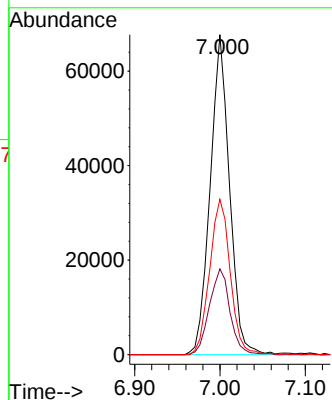
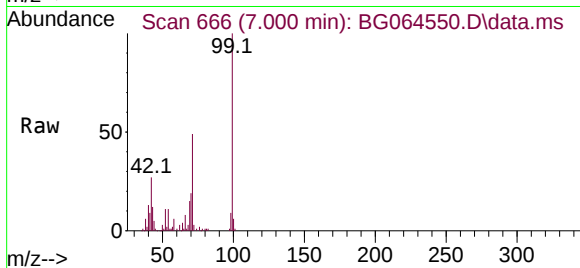




#7
Phenol-d6
Concen: 113.804 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

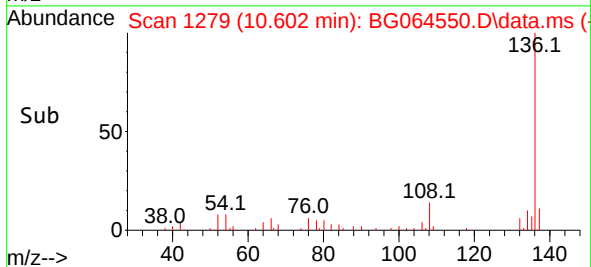
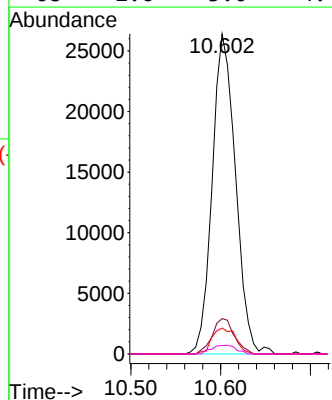
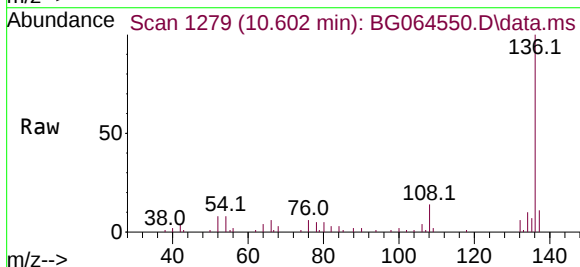
Instrument :
BNA_G
ClientSampleId :
TP-5-WC

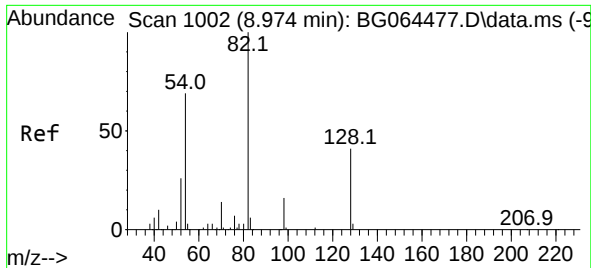
Tgt Ion: 99 Resp: 106626
Ion Ratio Lower Upper
99 100
42 26.8 22.9 34.3
71 48.5 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.602 min Scan# 1279
Delta R.T. -0.004 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

Tgt Ion:136 Resp: 47601
Ion Ratio Lower Upper
136 100
137 11.0 8.3 12.5
54 8.1 6.2 9.4
68 2.6 3.0 4.4#

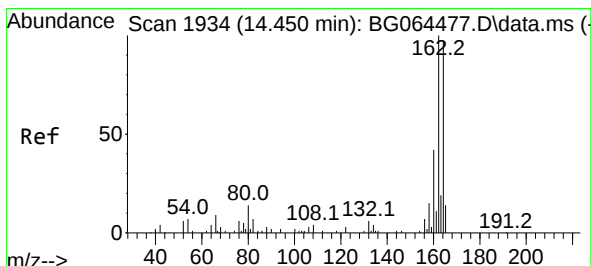
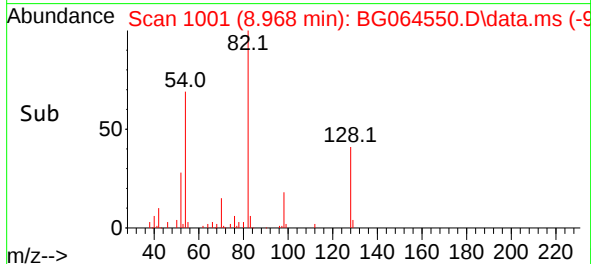
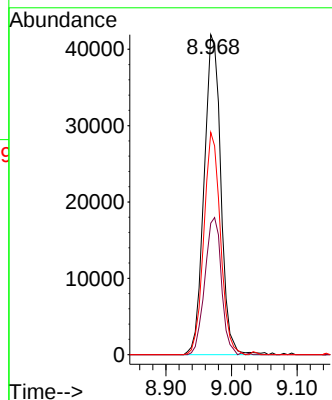
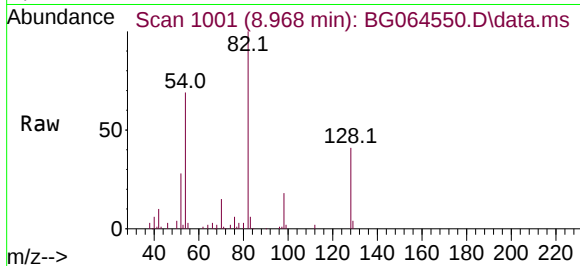




#23
 Nitrobenzene-d5
 Concen: 83.536 ng
 RT: 8.968 min Scan# 1001
 Delta R.T. 0.002 min
 Lab File: BG064550.D
 Acq: 20 Oct 2025 15:21

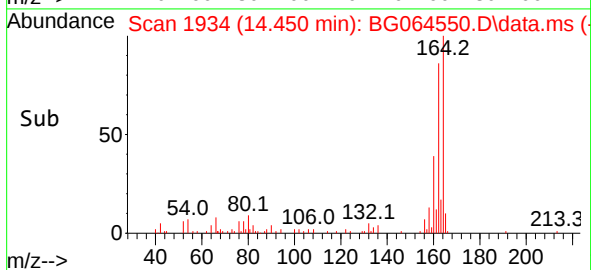
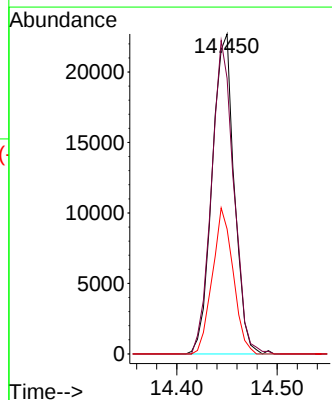
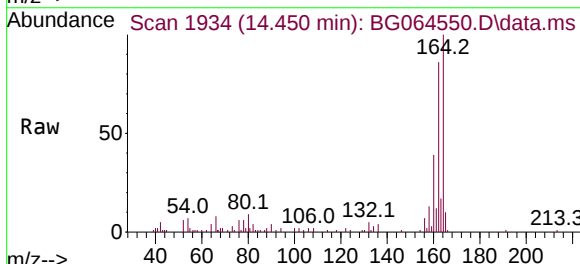
Instrument :
 BNA_G
 ClientSampleId :
 TP-5-WC

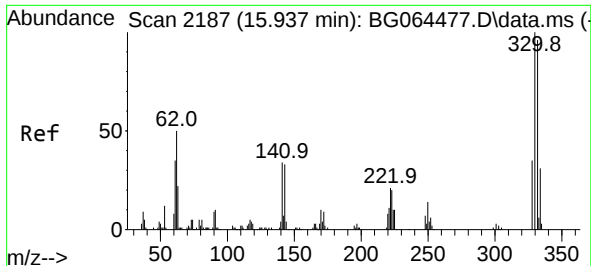
Tgt Ion: 82 Resp: 73952
 Ion Ratio Lower Upper
 82 100
 128 41.1 33.1 49.7
 54 69.4 55.4 83.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.450 min Scan# 1934
 Delta R.T. 0.002 min
 Lab File: BG064550.D
 Acq: 20 Oct 2025 15:21

Tgt Ion: 164 Resp: 34767
 Ion Ratio Lower Upper
 164 100
 162 86.1 82.2 123.2
 160 39.0 34.3 51.5

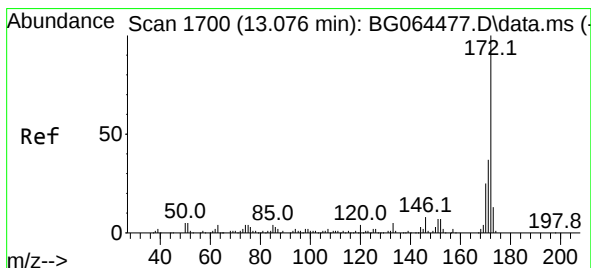
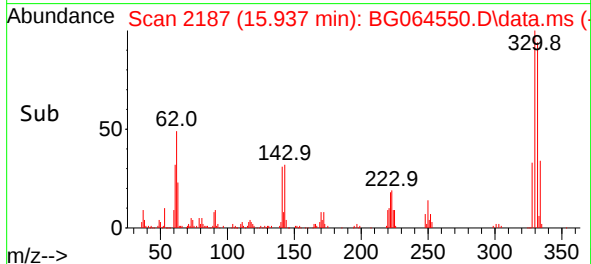
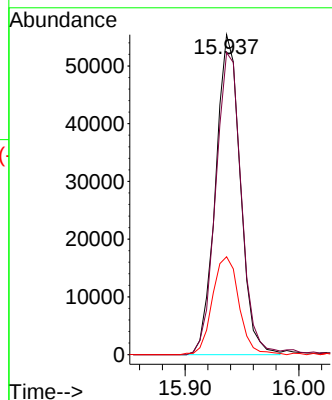
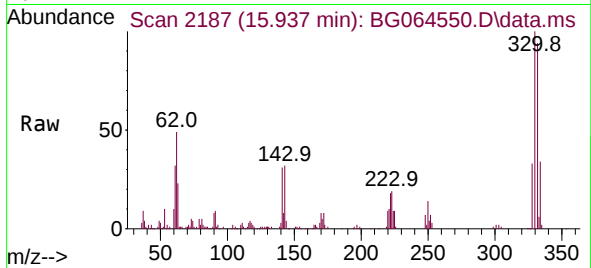




#42
2,4,6-Tribromophenol
Concen: 132.543 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.002 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

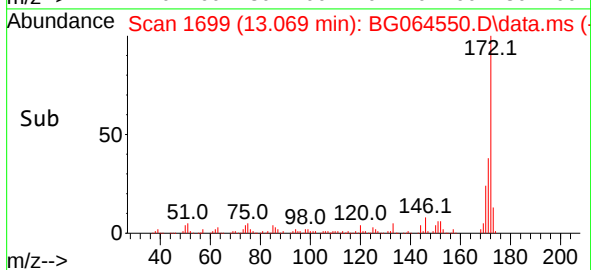
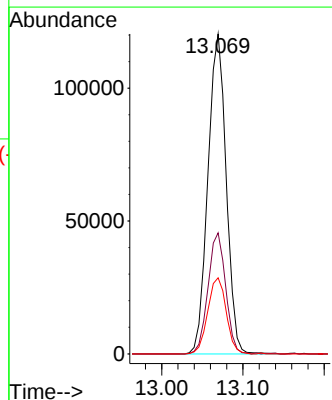
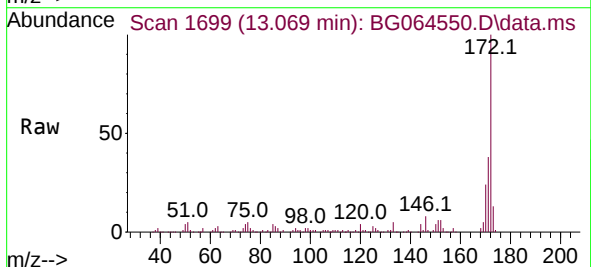
Instrument :
BNA_G
ClientSampleId :
TP-5-WC

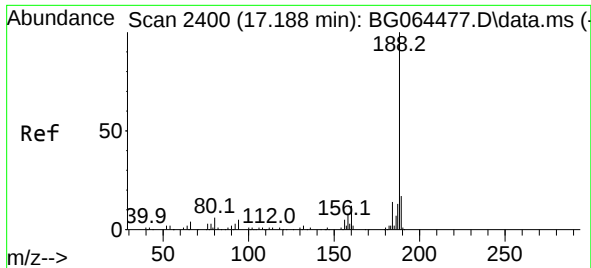
Tgt Ion:330 Resp: 83529
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 32.9 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 79.819 ng
RT: 13.069 min Scan# 1699
Delta R.T. 0.002 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

Tgt Ion:172 Resp: 188267
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 23.8 20.2 30.2

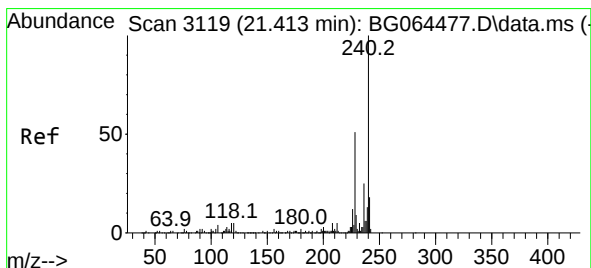
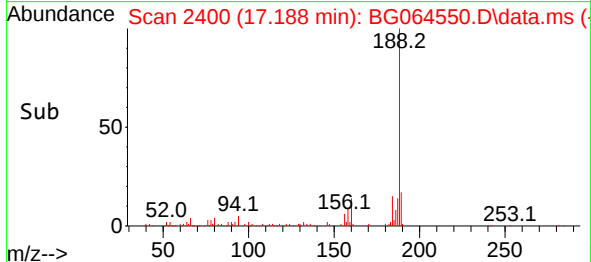
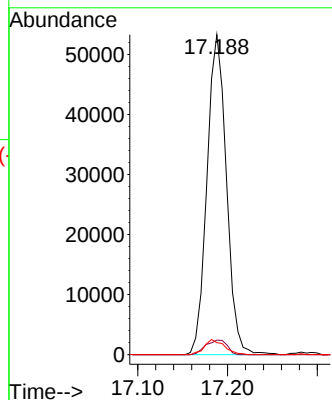
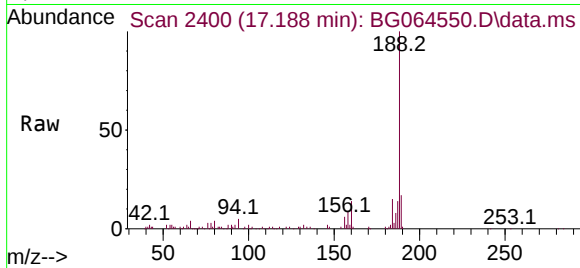




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

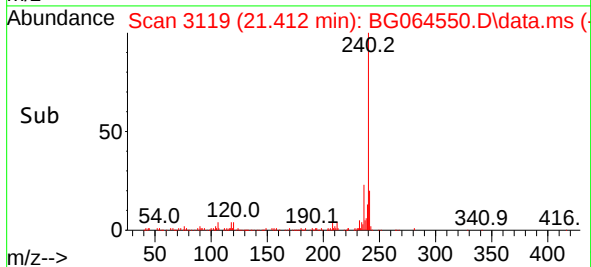
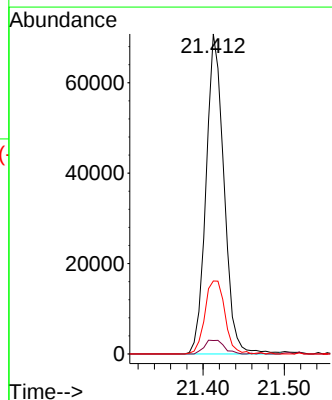
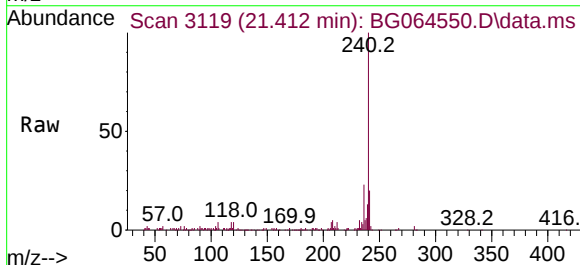
Instrument :
BNA_G
ClientSampleId :
TP-5-WC

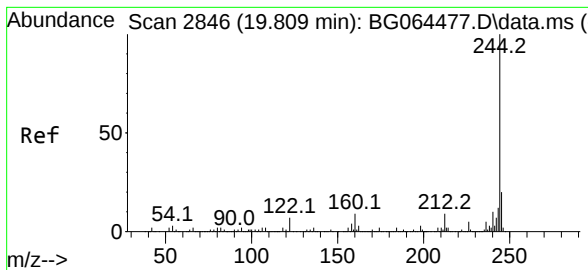
Tgt Ion:188 Resp: 80263
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 3.7 4.5 6.7#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.412 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG064550.D
Acq: 20 Oct 2025 15:21

Tgt Ion:240 Resp: 108613
Ion Ratio Lower Upper
240 100
120 4.2 4.3 6.5#
236 22.8 20.4 30.6





#79

Terphenyl-d14

Concen: 81.054 ng

RT: 19.808 min Scan# 2846

Delta R.T. 0.002 min

Lab File: BG064550.D

Acq: 20 Oct 2025 15:21

Instrument :

BNA_G

ClientSampleId :

TP-5-WC

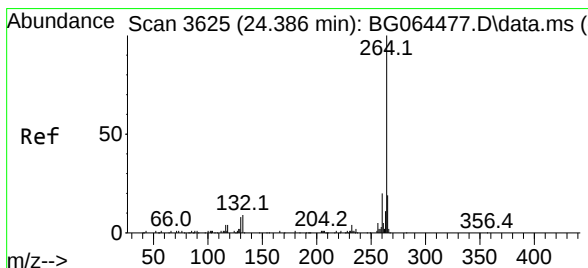
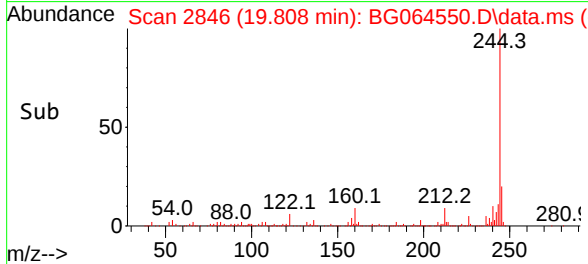
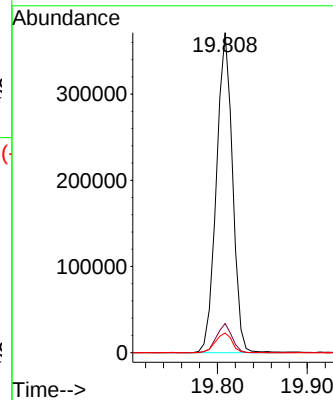
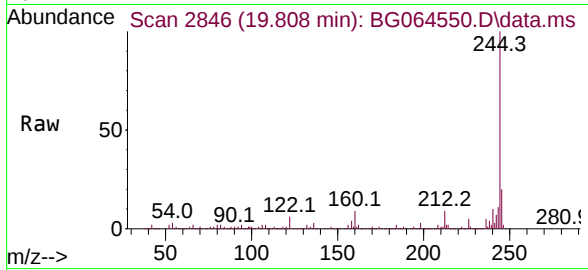
Tgt Ion:244 Resp: 465177

Ion Ratio Lower Upper

244 100

212 9.1 7.0 10.6

122 6.1 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.397 min Scan# 3627

Delta R.T. 0.008 min

Lab File: BG064550.D

Acq: 20 Oct 2025 15:21

Tgt Ion:264 Resp: 122153

Ion Ratio Lower Upper

264 100

260 21.6 16.2 24.4

265 18.6 15.0 22.4

