

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100225\
 Data File : BG064473.D
 Acq On : 2 Oct 2025 9:01
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Oct 02 16:52:16 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)

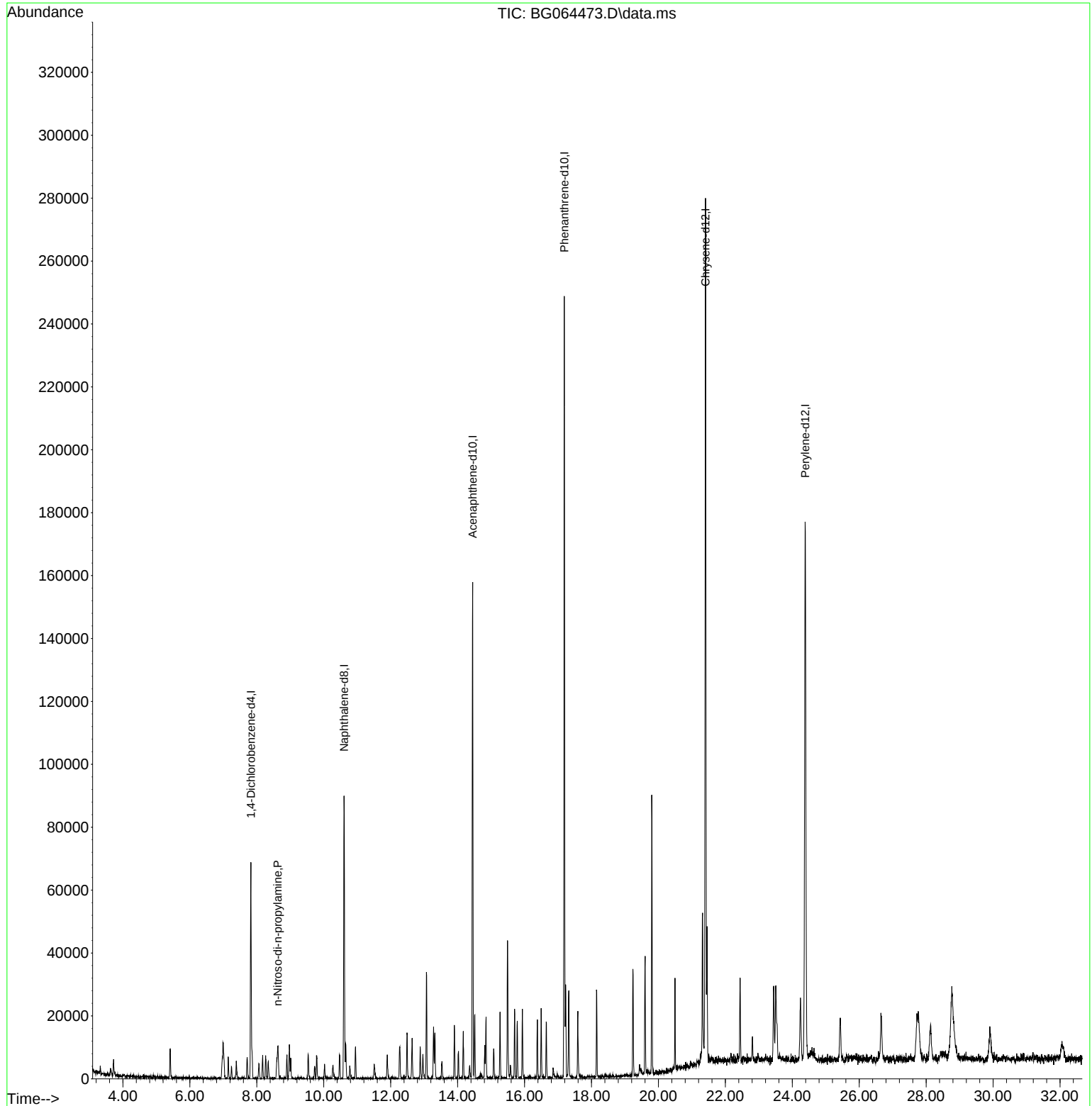
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.823	152	17107	20.000	ng	0.00
21) Naphthalene-d8	10.608	136	71471	20.000	ng	0.00
39) Acenaphthene-d10	14.450	164	55395	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	147655	20.000	ng	0.00
76) Chrysene-d12	21.407	240	159672	20.000	ng	0.00
86) Perylene-d12	24.386	264	165966	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						
19) n-Nitroso-di-n-propyla...	8.622	70	1739	2.093	ng	Qvalue # 83

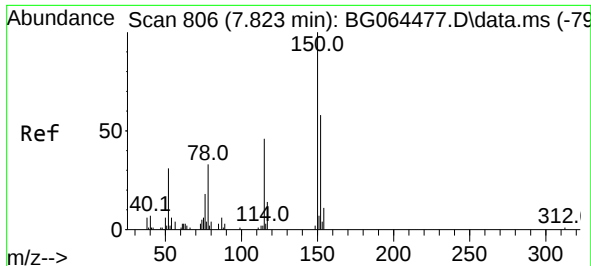
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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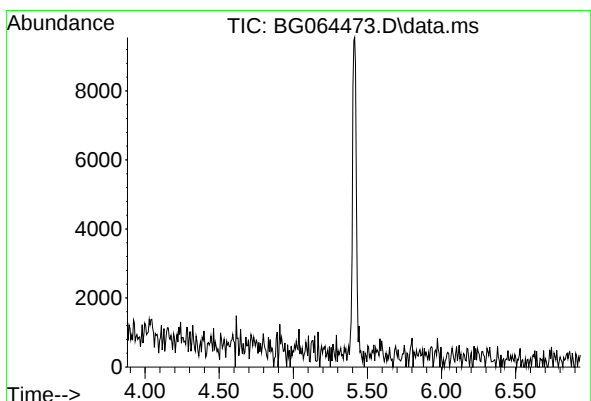
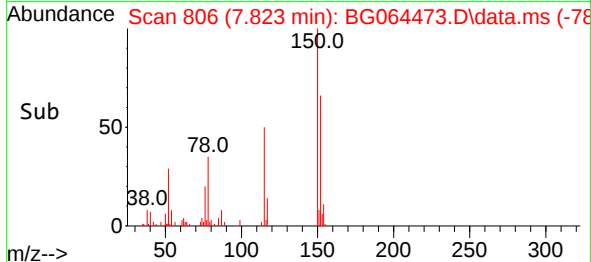
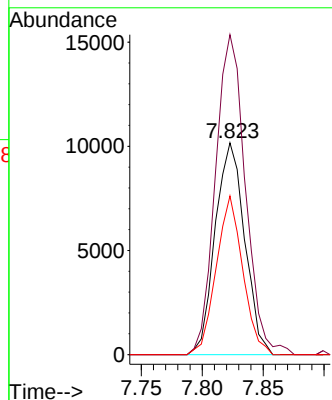
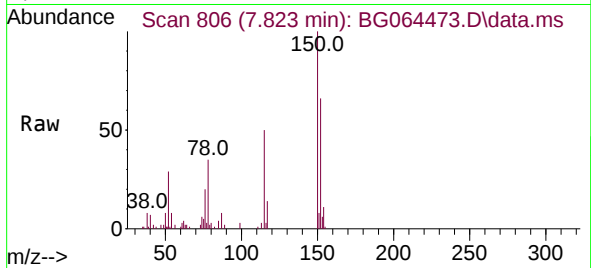




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.823 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

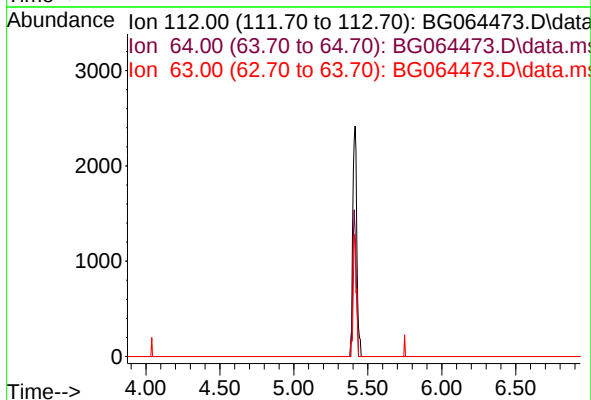
Tgt Ion:152 Resp: 17107
 Ion Ratio Lower Upper
 152 100
 150 151.1 138.6 207.8
 115 75.0 63.4 95.2

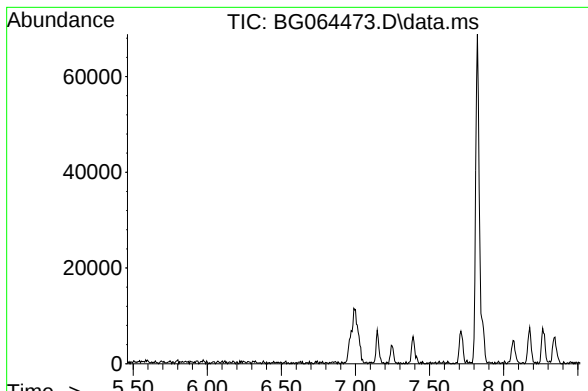


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.41 min

Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 62.3
 63 39.1



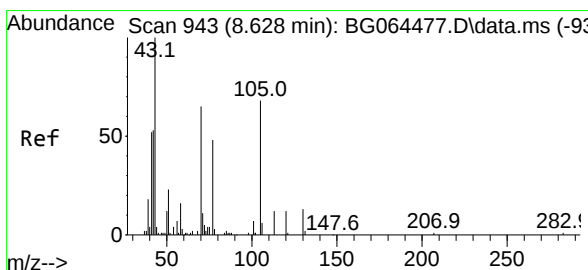
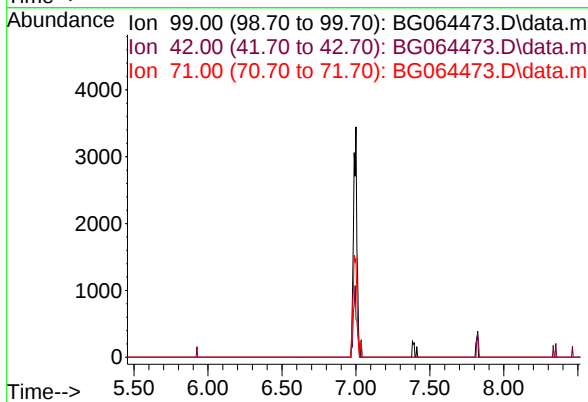


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.99 min
 Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

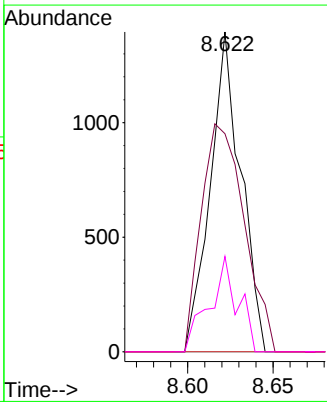
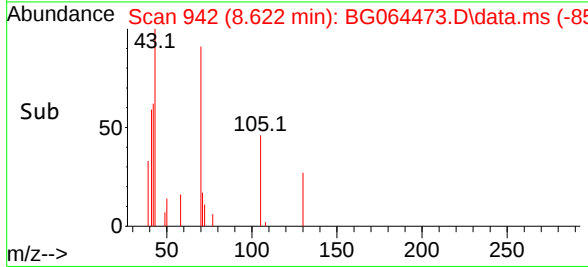
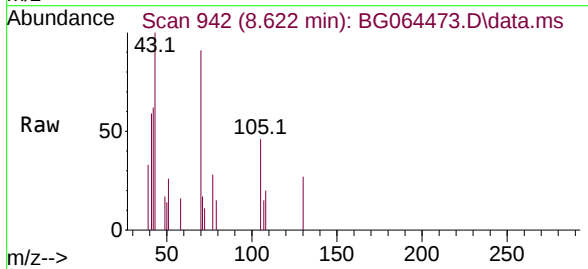
Sig	Exp Ratio
99	100
42	28.6
71	44.3

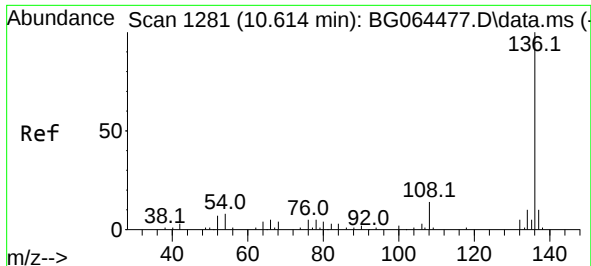


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.093 ng
 RT: 8.622 min Scan# 942
 Delta R.T. 0.008 min
 Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Tgt Ion: 70 Resp: 1739

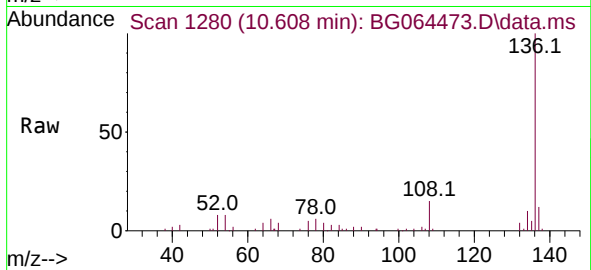
Ion	Ratio	Lower	Upper
70	100		
42	68.2	64.9	97.3
101	0.0	8.7	13.1#
130	29.8	15.8	23.8#



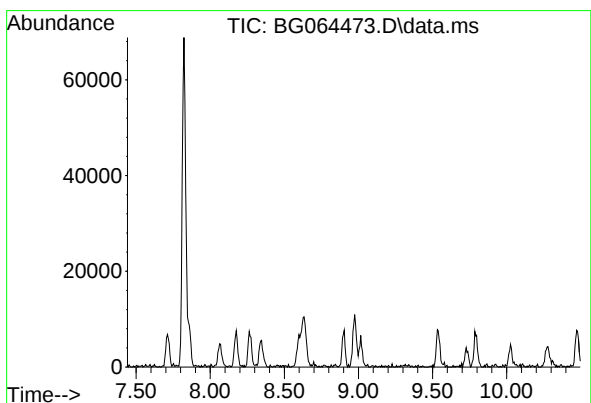
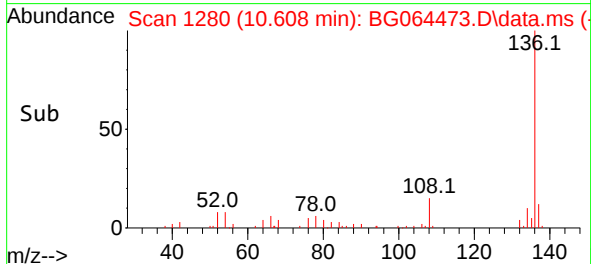
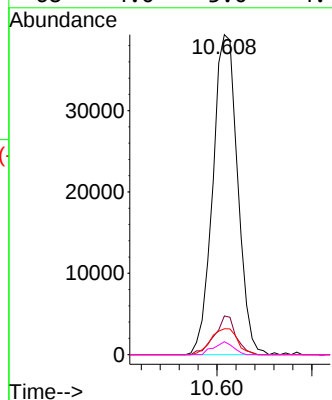


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.608 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



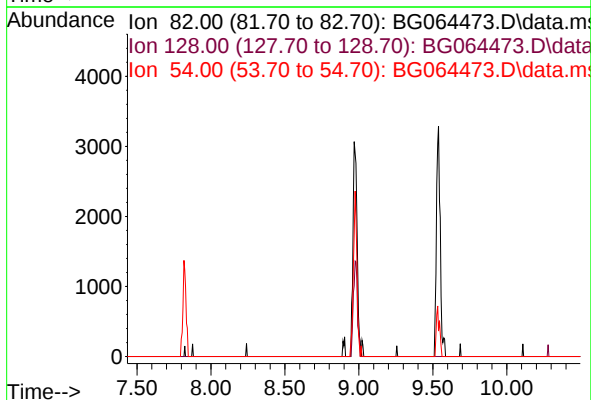
Tgt Ion:136 Resp: 71471
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 8.1 6.2 9.4
68 4.0 3.0 4.4

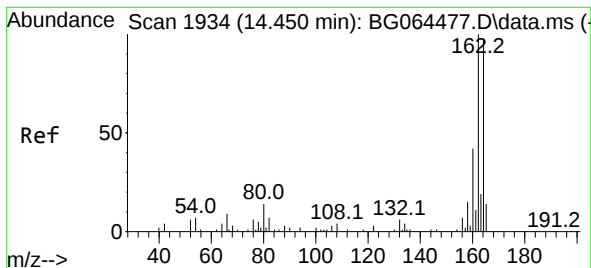


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 8.97 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 82
Sig Exp Ratio
82 100
128 41.4
54 69.3

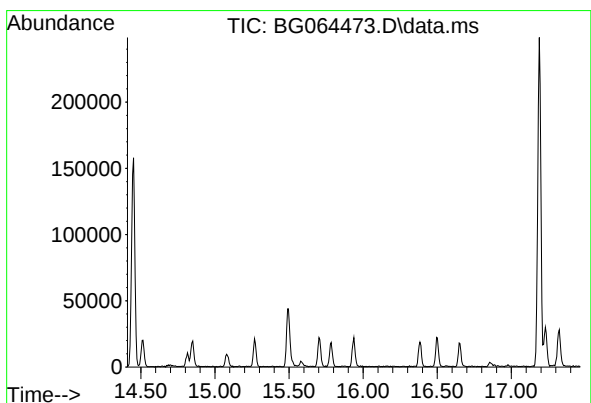
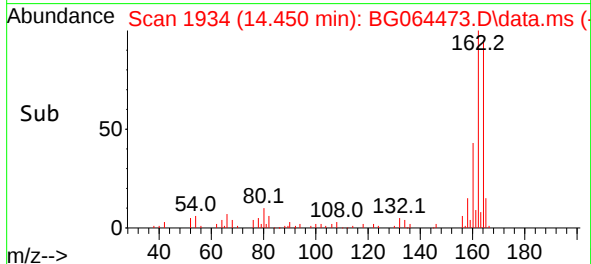
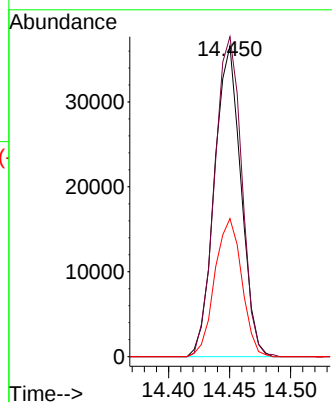
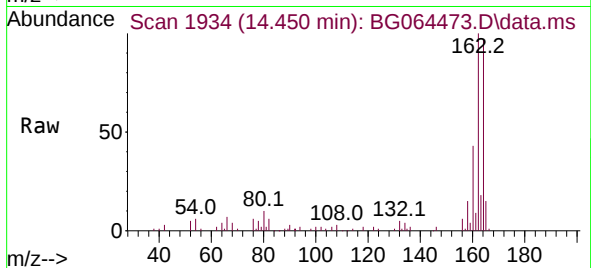




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.450 min Scan# 19
 Delta R.T. 0.002 min
 Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

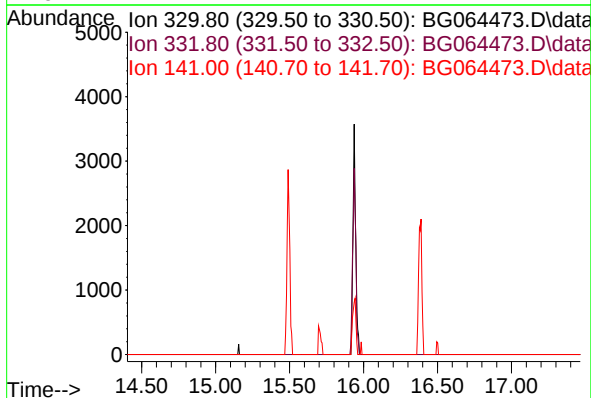
Tgt Ion:164 Resp: 55395
 Ion Ratio Lower Upper
 164 100
 162 102.9 82.2 123.2
 160 44.4 34.3 51.5



#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.93 min

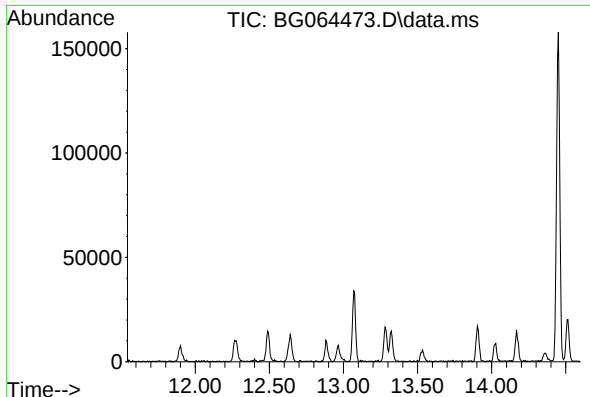
Lab File: BG064473.D
 Acq: 2 Oct 2025 9:01

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.7
 141 32.2



Ion 331.80 (331.50 to 332.50): BG064473.D\data.ms (-

Ion 141.00 (140.70 to 141.70): BG064473.D\data.ms (-

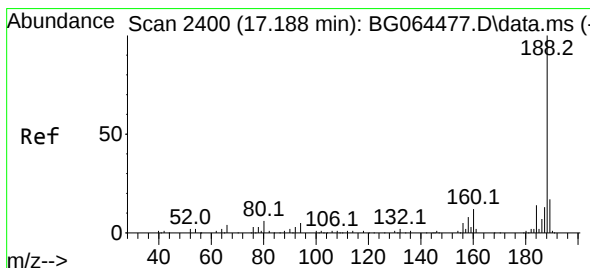
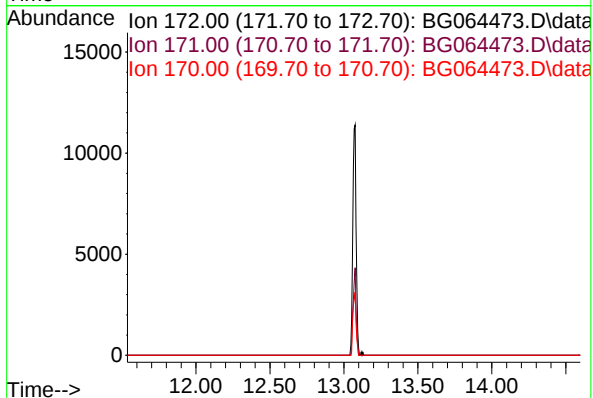


#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.07 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

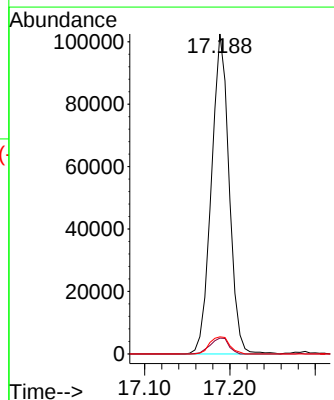
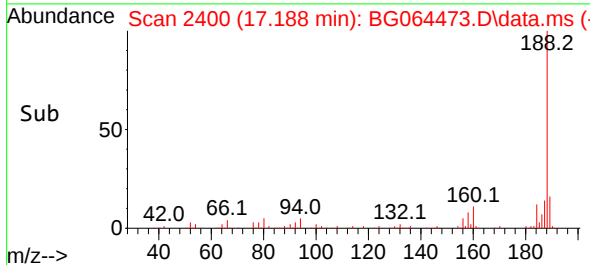
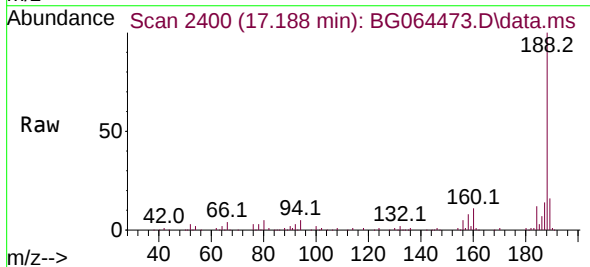
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

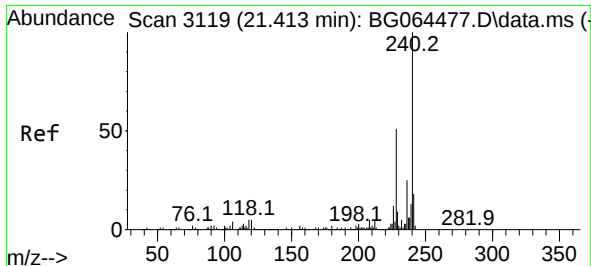
Tgt Ion: 172
Sig Exp Ratio
172 100
171 37.0
170 25.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 188 Resp: 147655
Ion Ratio Lower Upper
188 100
94 4.9 3.7 5.5
80 5.3 4.5 6.7

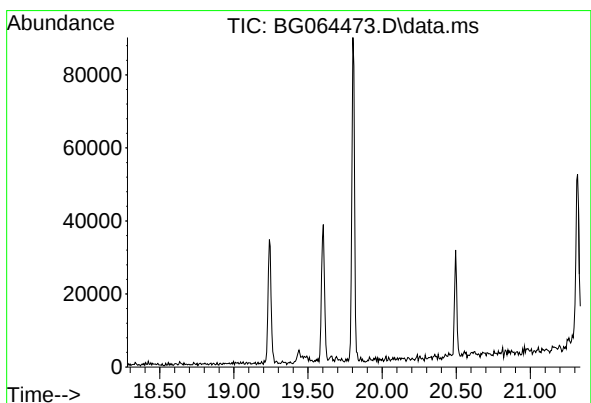
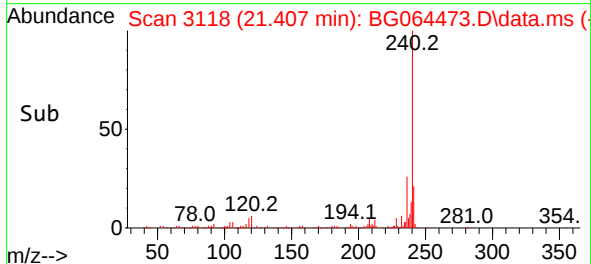
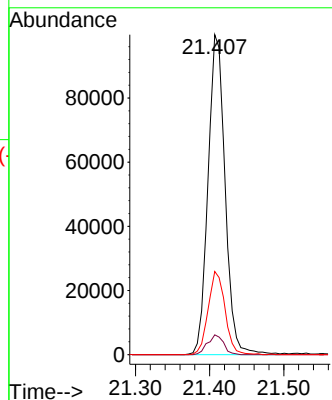
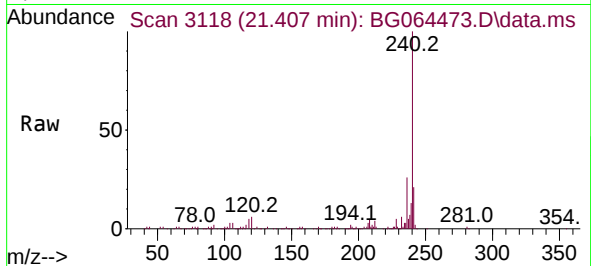




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.407 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

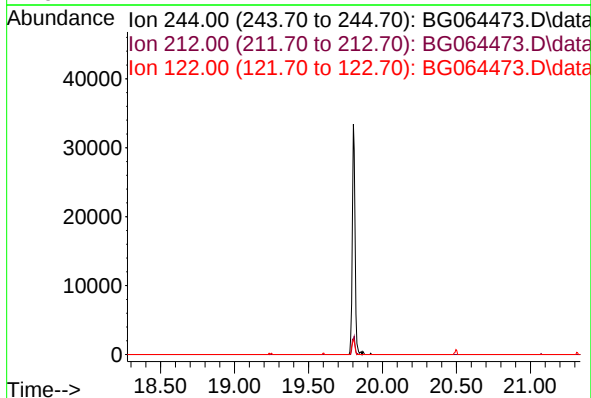
Tgt Ion:240 Resp: 159672
Ion Ratio Lower Upper
240 100
120 6.2 4.3 6.5
236 26.0 20.4 30.6

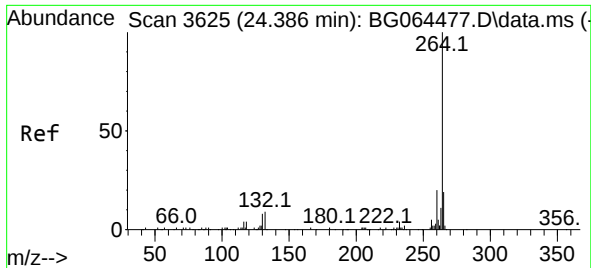


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.81 min

Lab File: BG064473.D
Acq: 2 Oct 2025 9:01

Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.8
122 7.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.386 min Scan# 3625

Delta R.T. -0.004 min

Lab File: BG064473.D

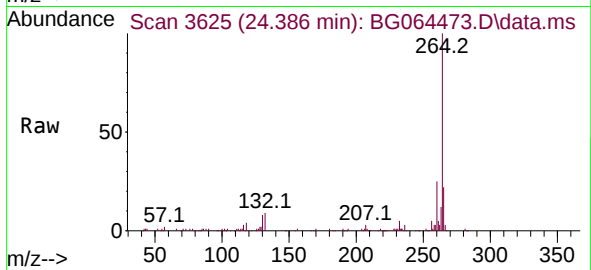
Acq: 2 Oct 2025 9:01

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5



Tgt Ion:264 Resp: 165966

Ion Ratio Lower Upper

264 100

260 24.9 16.2 24.4#

265 21.5 15.0 22.4

