

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102425\
 Data File : BG064569.D
 Acq On : 24 Oct 2025 9:00
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Oct 24 17:10:42 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

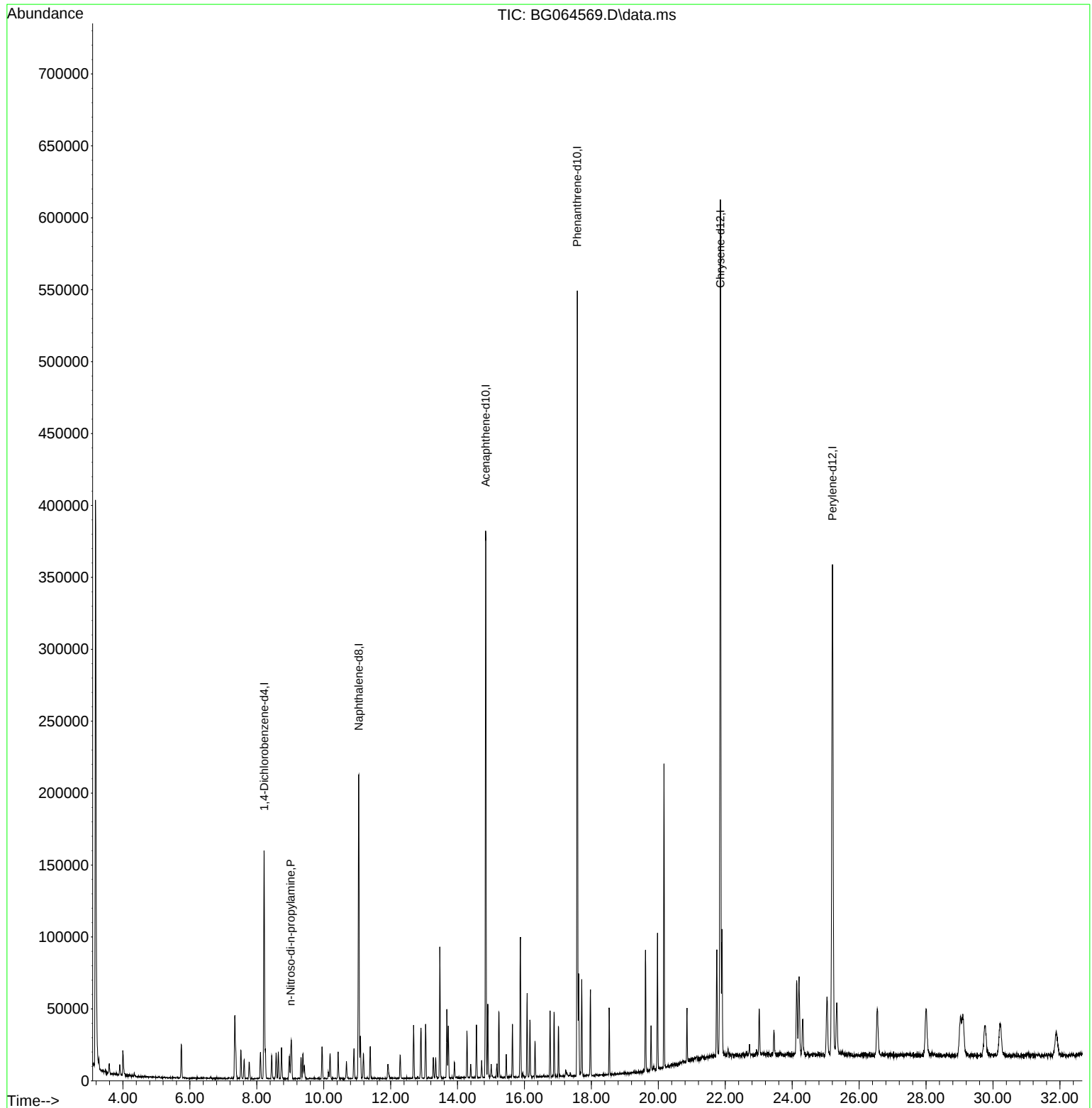
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	25.203	264	398350	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...	9.016	70	5707	2.310	ng	Qvalue # 90

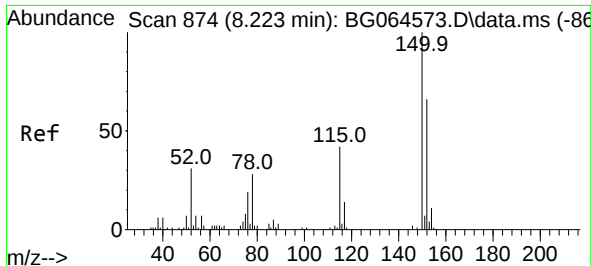
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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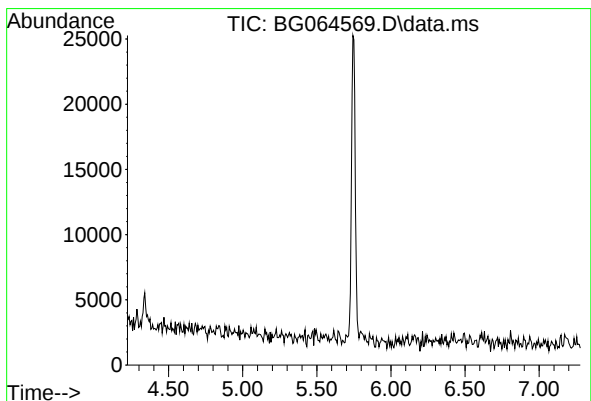
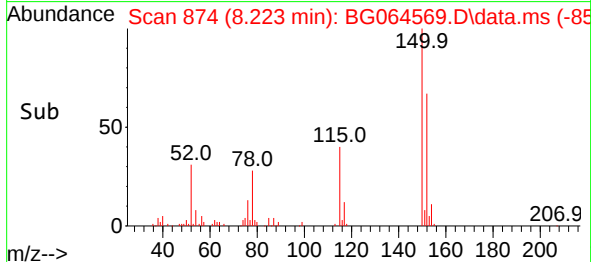
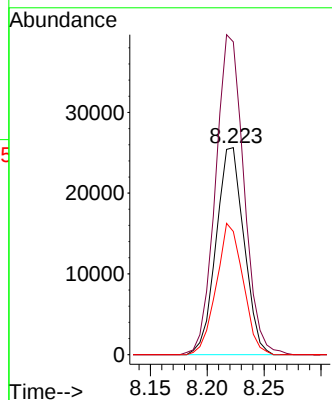
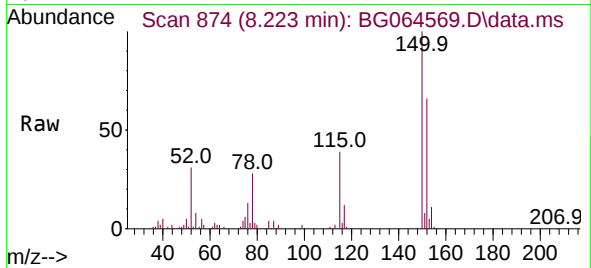




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.223 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

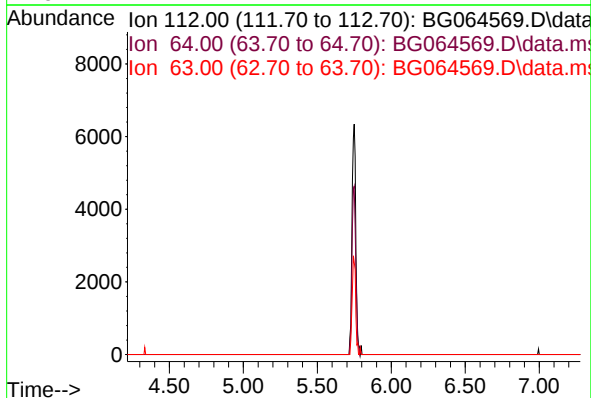
Tgt Ion:152 Resp: 43718
 Ion Ratio Lower Upper
 152 100
 150 151.2 122.2 183.4
 115 59.5 50.8 76.2

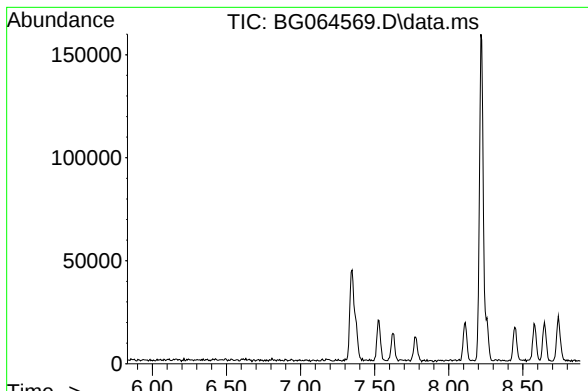


#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.75 min

Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 75.9
 63 41.7

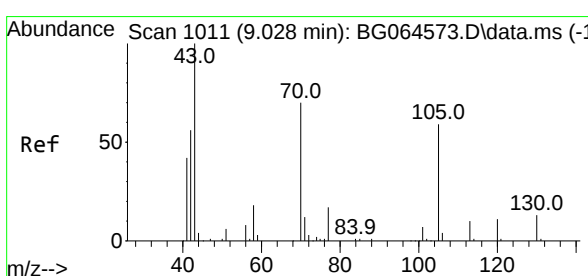
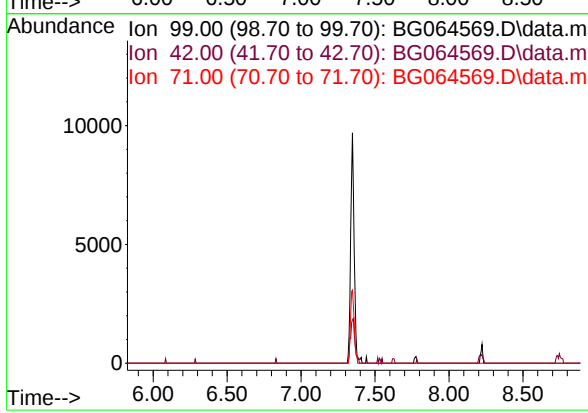




#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.36 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

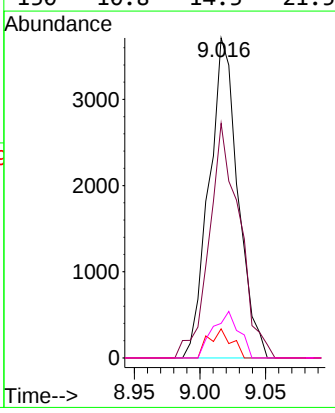
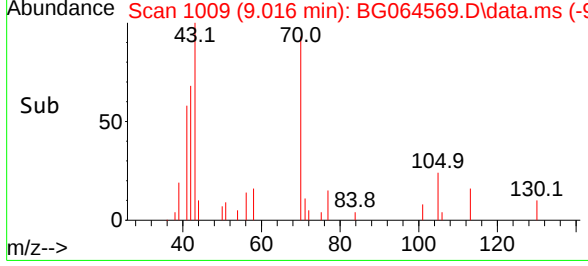
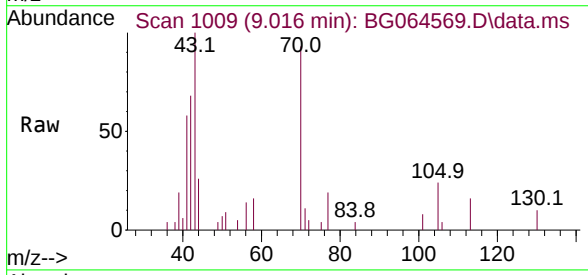
Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

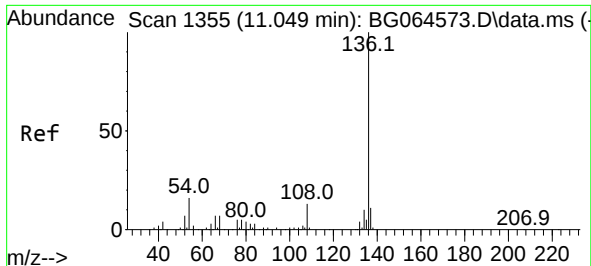
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 22.9
 71 35.8



#19
 n-Nitroso-di-n-propylamine
 Concen: 2.310 ng
 RT: 9.016 min Scan# 1009
 Delta R.T. -0.015 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Tgt Ion: 70 Resp: 5707
 Ion Ratio Lower Upper
 70 100
 42 73.3 65.2 97.8
 101 9.1 7.9 11.9
 130 10.8 14.3 21.5#

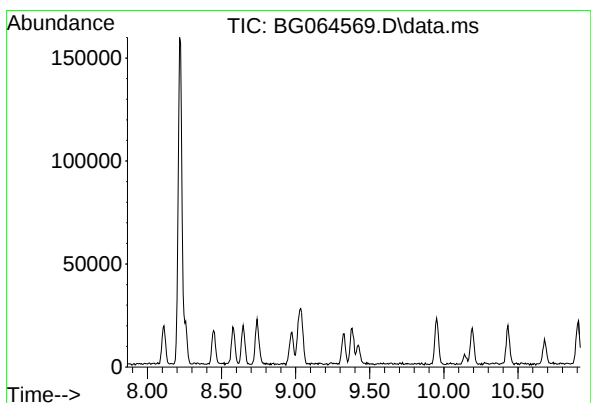
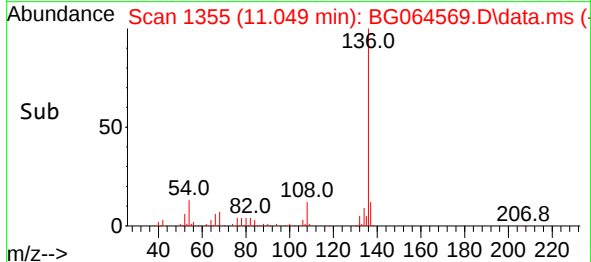
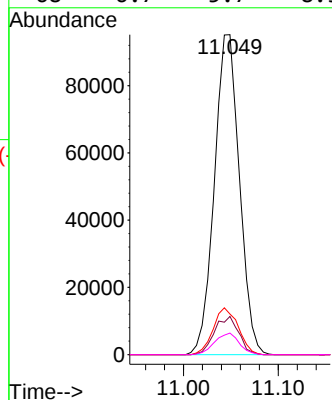
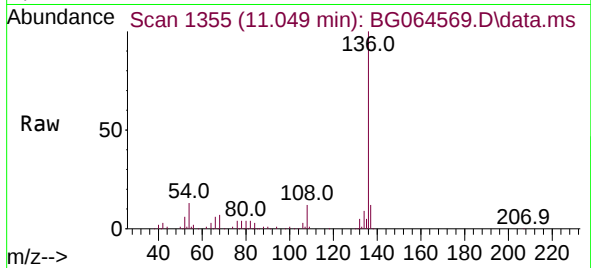




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

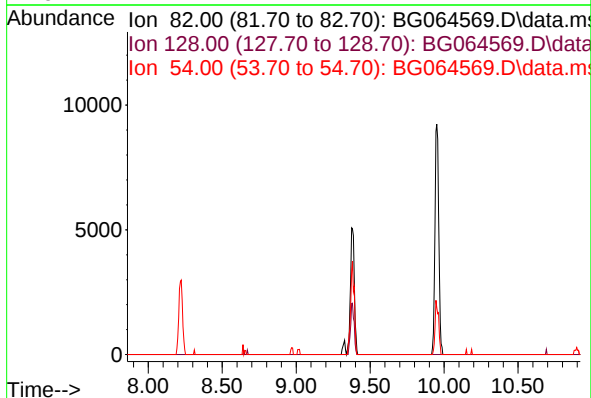
Tgt Ion:136 Resp: 174680
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 12.7 12.6 19.0
68 6.7 5.7 8.5

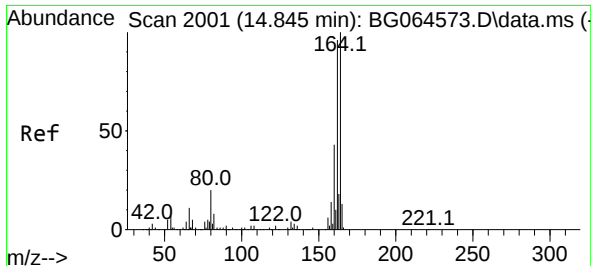


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.39 min

Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Tgt Ion: 82
Sig Exp Ratio
82 100
128 39.1
54 70.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 20

Delta R.T. -0.004 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

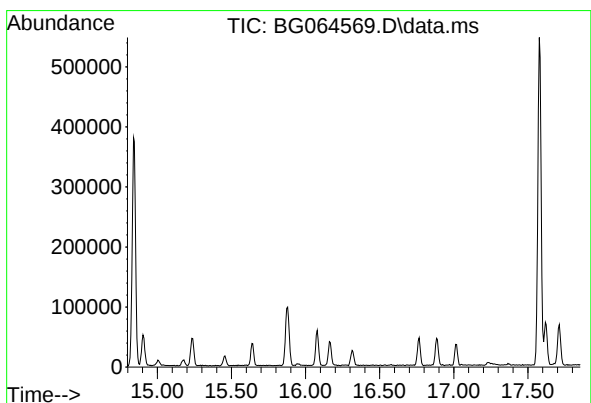
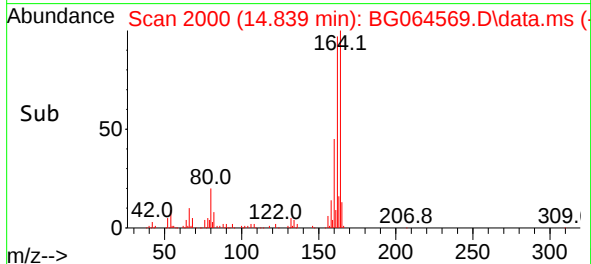
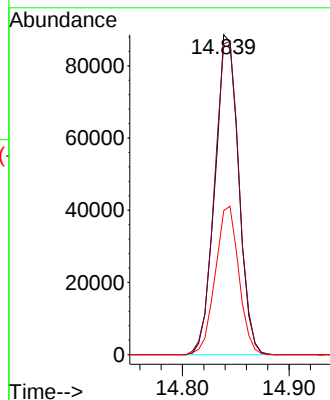
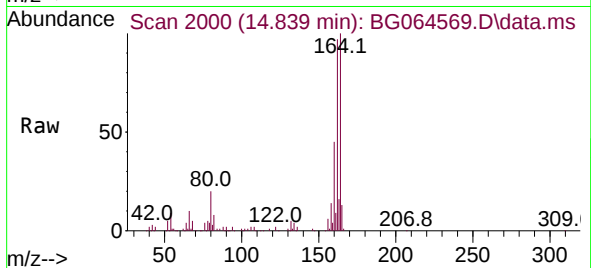
Tgt Ion:164 Resp: 136814

Ion Ratio Lower Upper

164 100

162 97.0 77.0 115.6

160 45.0 34.4 51.6



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 16.32 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

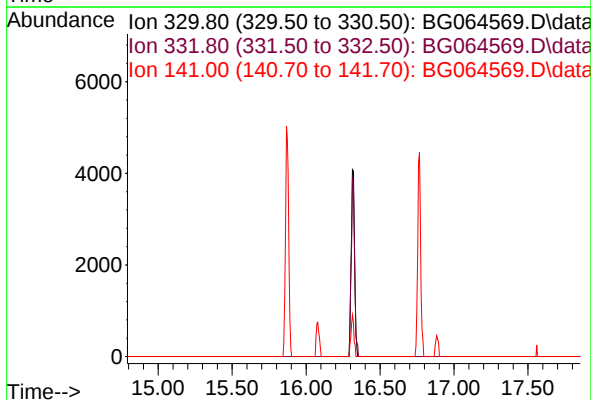
Tgt Ion: 330

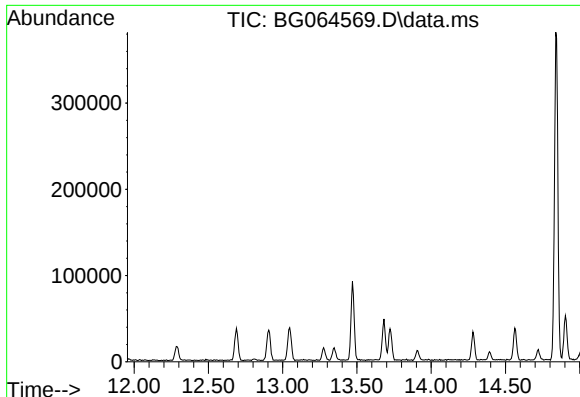
Sig Exp Ratio

330 100

332 97.5

141 27.2



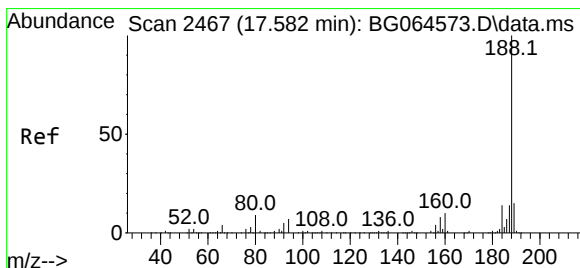
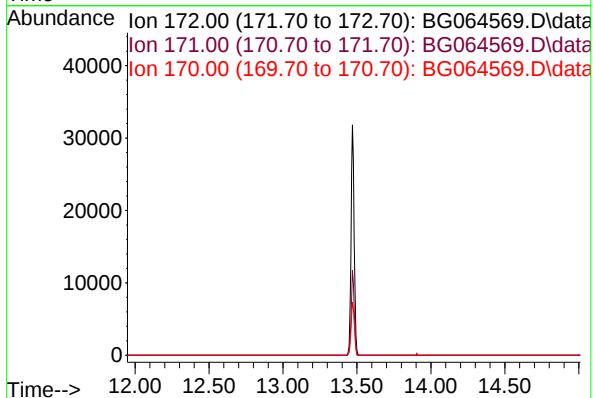


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.48 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

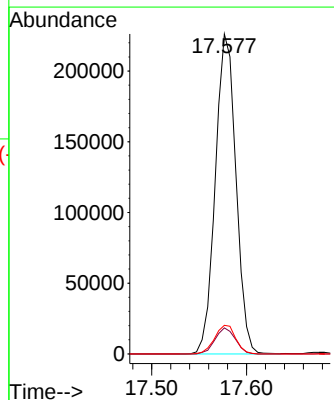
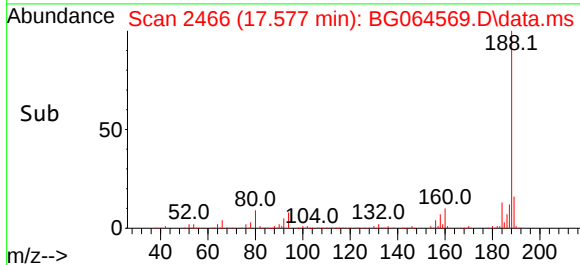
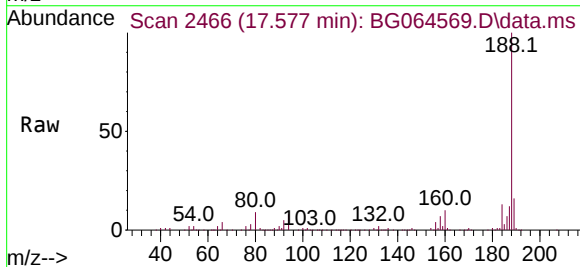
Sig	Exp Ratio
172	100
171	36.7
170	23.9

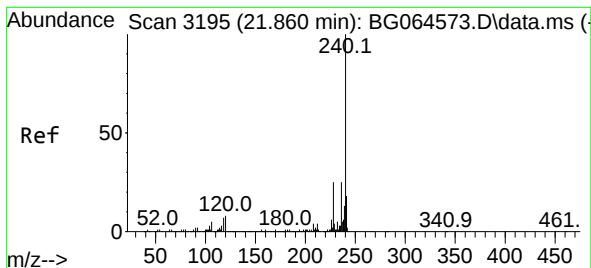


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.577 min Scan# 2466
 Delta R.T. -0.003 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Tgt Ion: 188 Resp: 341404

Ion	Ratio	Lower	Upper
188	100		
94	8.1	5.7	8.5
80	8.9	6.8	10.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.854 min Scan# 31

Delta R.T. -0.009 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

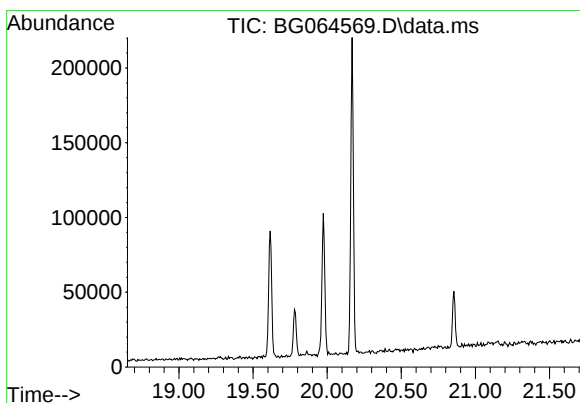
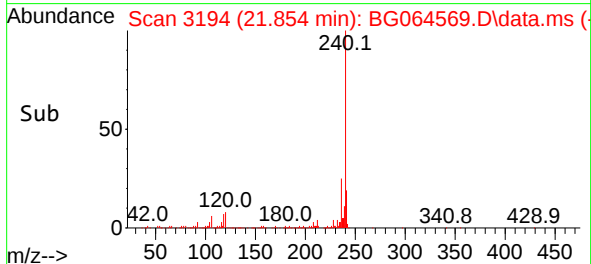
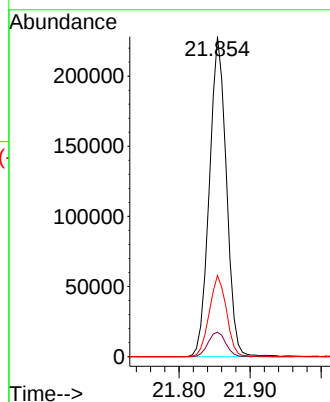
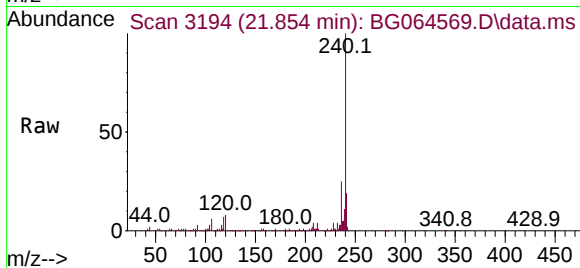
Tgt Ion:240 Resp: 378586

Ion Ratio Lower Upper

240 100

120 7.6 6.5 9.7

236 25.4 20.2 30.2



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 20.18 min

Lab File: BG064569.D

Acq: 24 Oct 2025 9:00

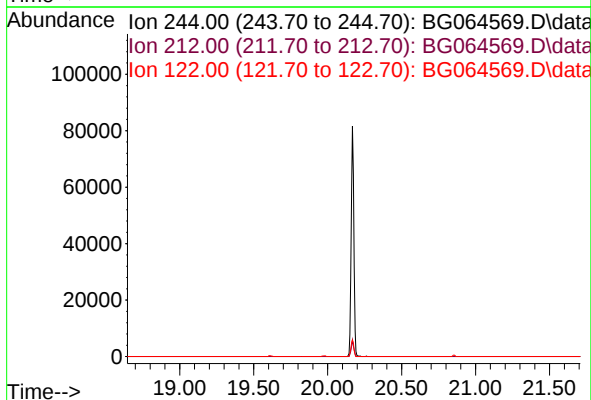
Tgt Ion: 244

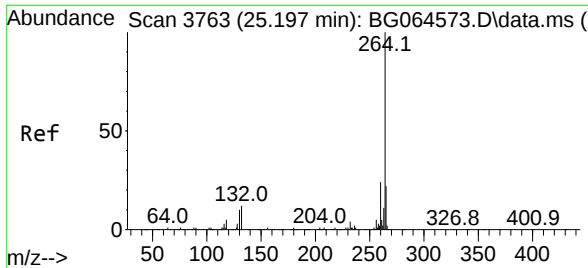
Sig Exp Ratio

244 100

212 7.6

122 7.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.203 min Scan# 31
 Delta R.T. 0.002 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion:264	Resp:	398350
Ion	Ratio	Lower Upper
264	100	
260	23.3	19.0 28.4
265	21.3	17.6 26.4

