

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: Nov 03 17:57:45 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 17:56:56 2025
 Response via : Initial Calibration

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

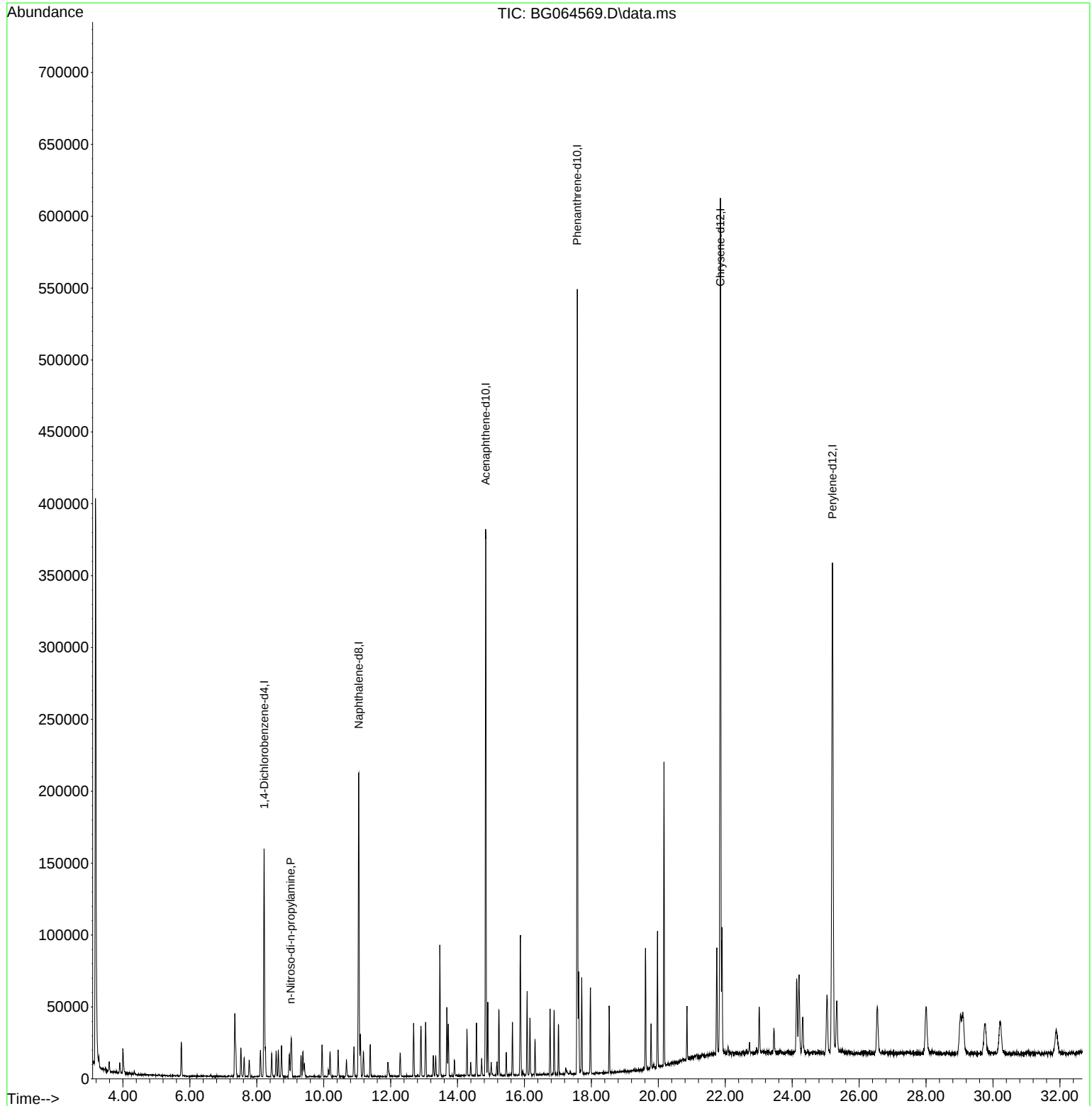
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.223	152	43718	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	174680	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	136814	20.000	ng	0.00
64) Phenanthrene-d10	17.577	188	341404	20.000	ng	0.00
76) Chrysene-d12	21.854	240	378586	20.000	ng	0.00
86) Perylene-d12	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

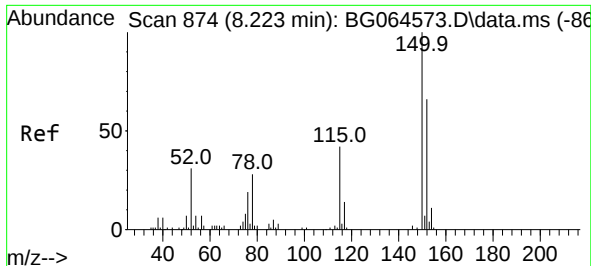
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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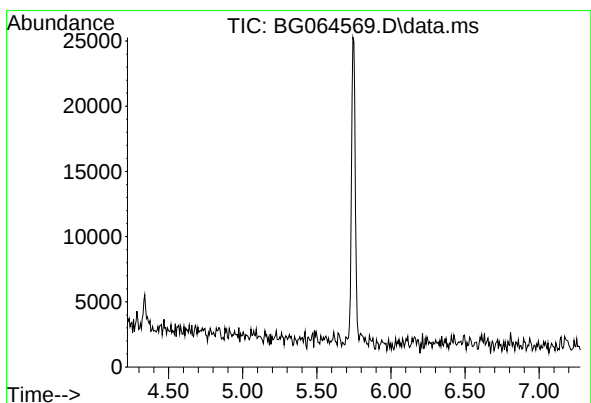
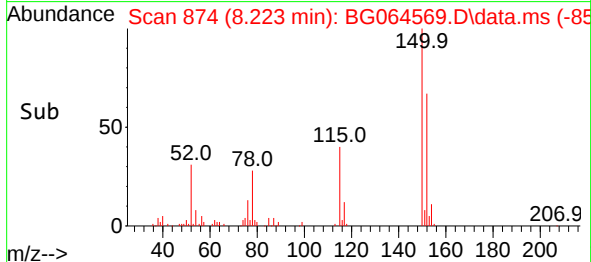
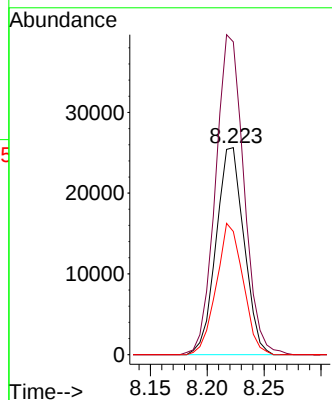
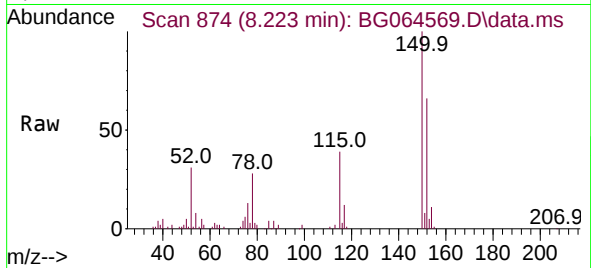




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.223 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

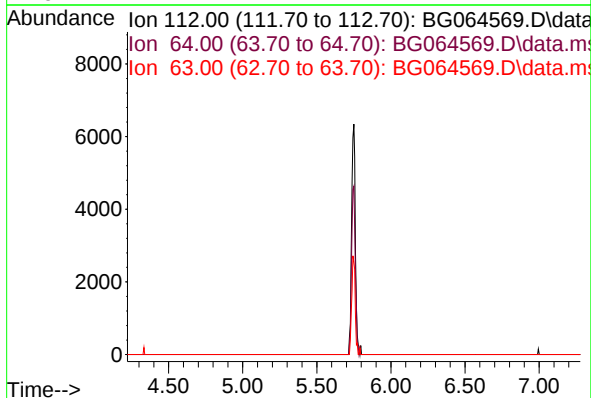
Tgt Ion:152 Resp: 43718
Ion Ratio Lower Upper
152 100
150 151.2 122.2 183.4
115 59.5 50.8 76.2



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

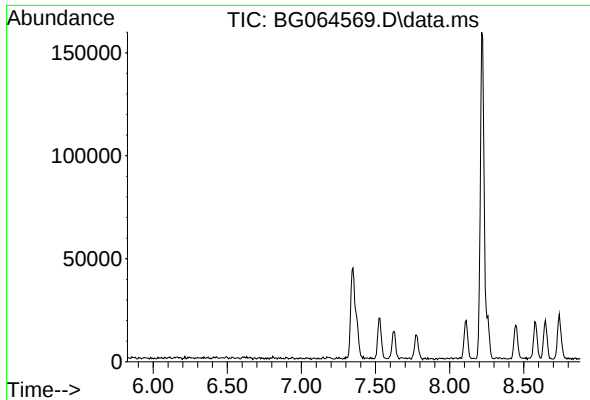
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

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



Ion 64.00 (63.70 to 64.70): BG064569.D\data.ms

Ion 63.00 (62.70 to 63.70): BG064569.D\data.ms

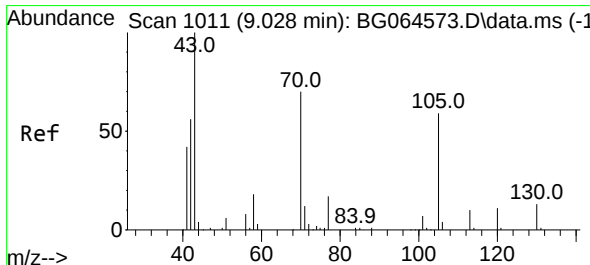
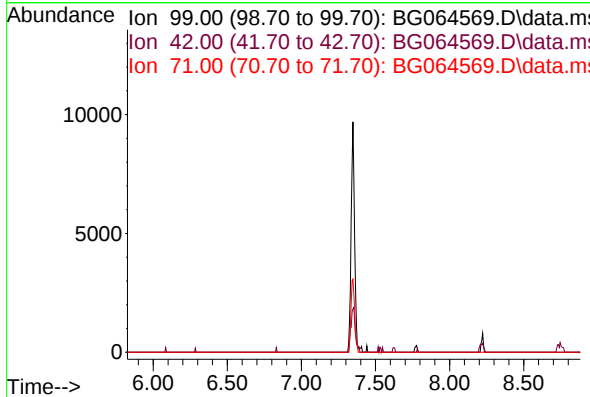


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.35 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

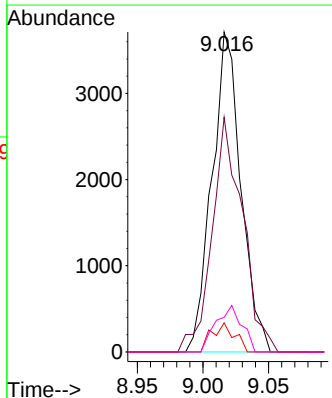
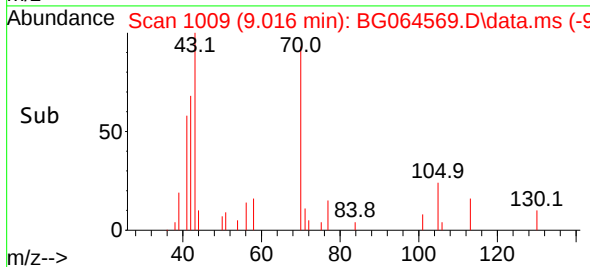
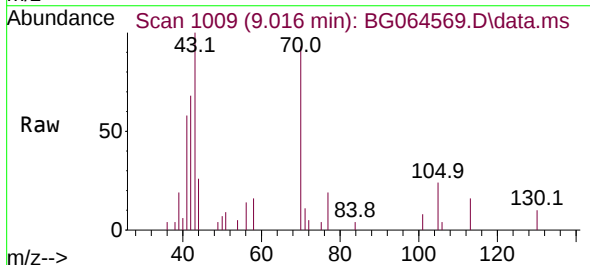
Sig	Exp Ratio
99	100
42	22.9
71	35.8

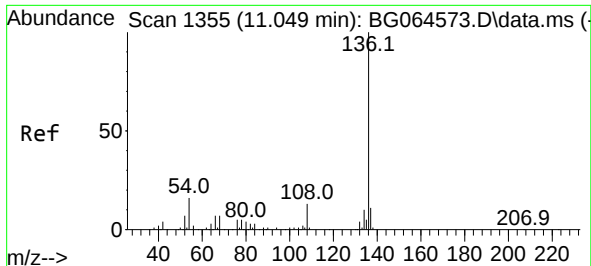


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.310 ng
 RT: 9.016 min Scan# 1009
 Delta R.T. -0.012 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

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

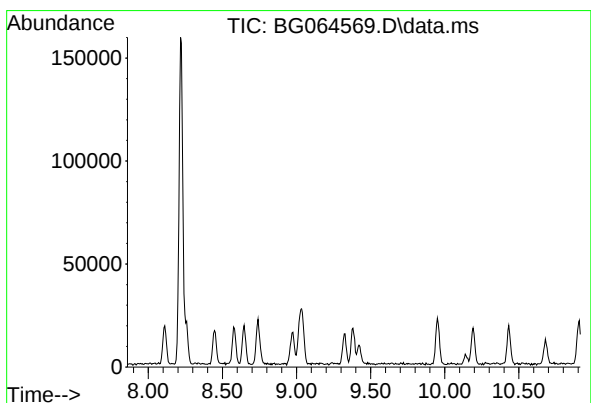
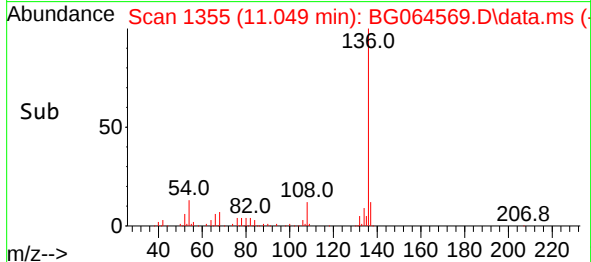
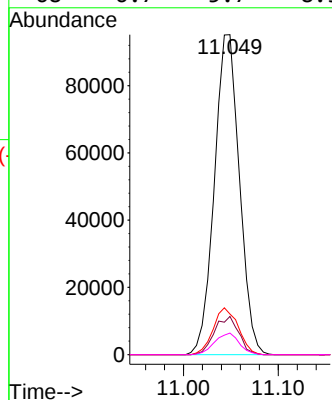
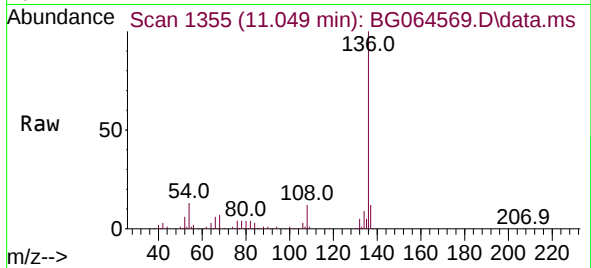




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.000 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

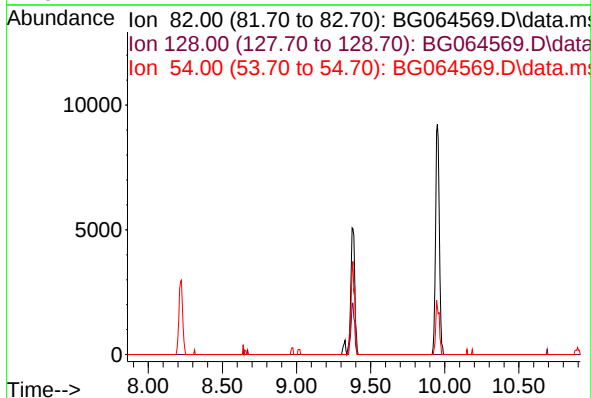
Tgt Ion:136 Resp: 174680
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 12.7 12.6 19.0
68 6.7 5.7 8.5

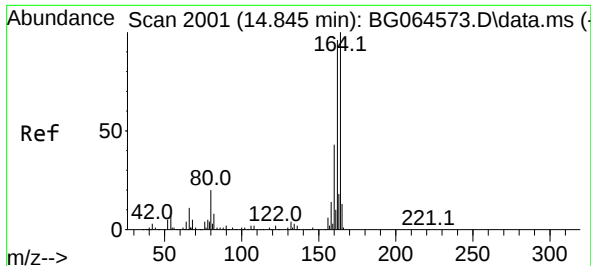


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.39 min

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

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

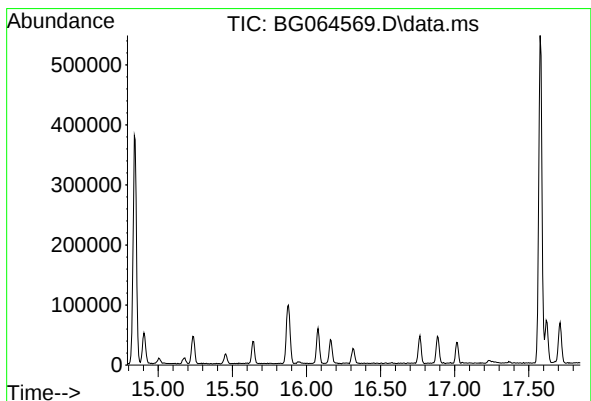
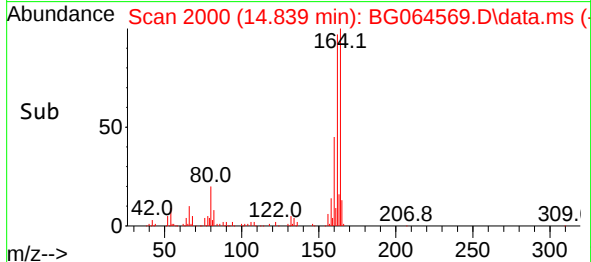
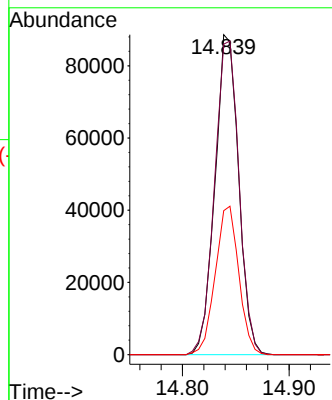
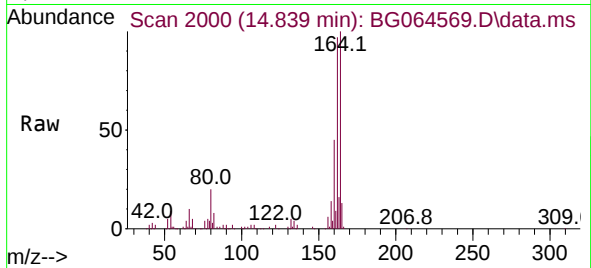




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.839 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: BG064569.D
 Acq: 24 Oct 2025 9:00

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

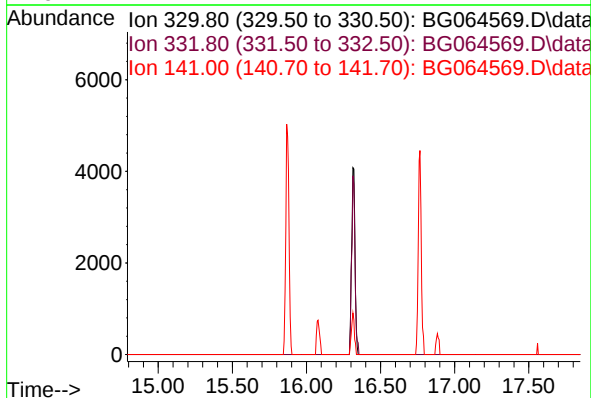
Tgt Ion:164 Resp: 136814
 Ion Ratio Lower Upper
 164 100
 162 97.0 77.0 115.6
 160 45.0 34.4 51.6

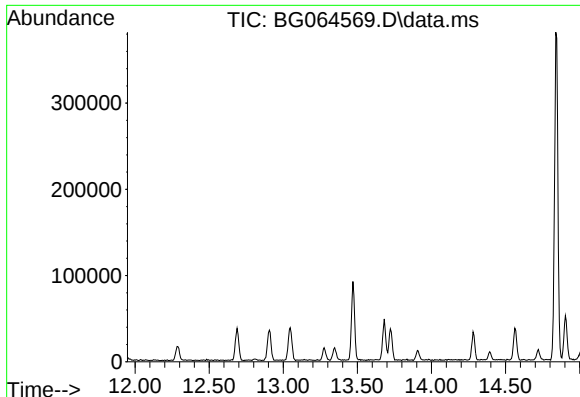


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 16.32 min

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

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.5
 141 27.2

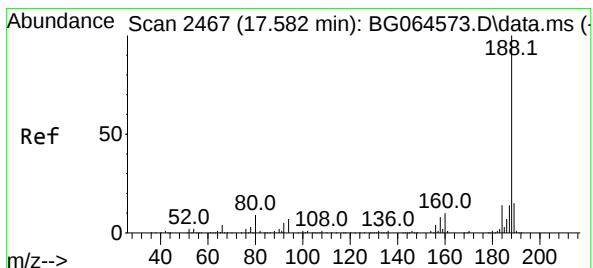
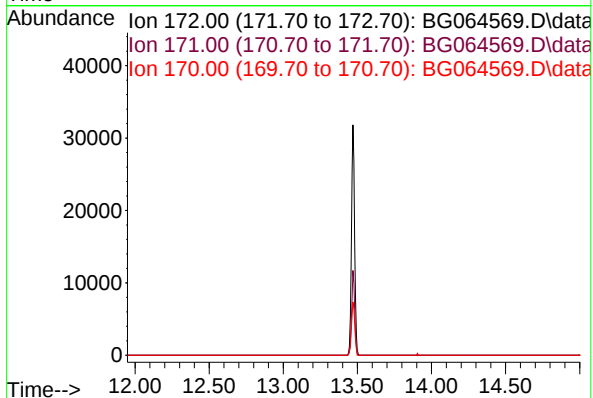




#45
2-Fluorobiphenyl
Concen: 0.000 ng
Expected RT: 13.48 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

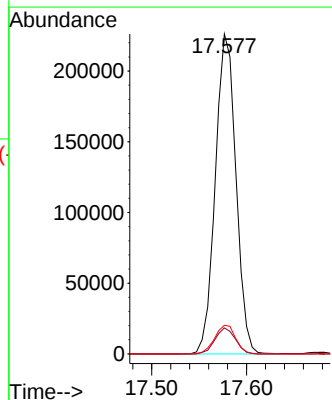
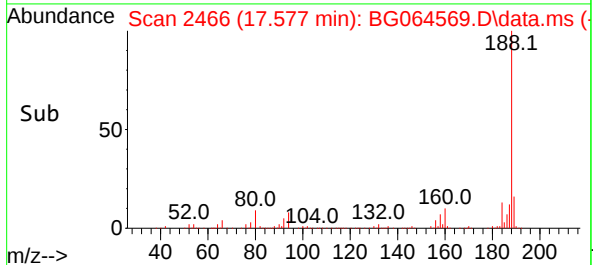
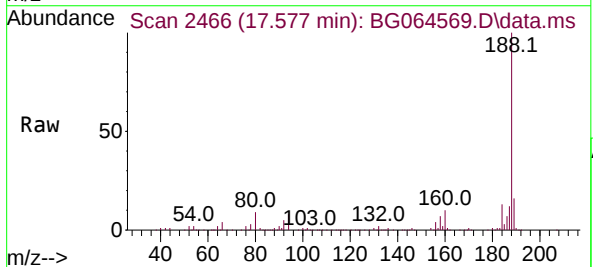
Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

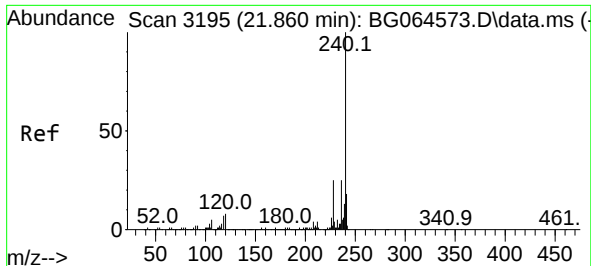
Tgt Ion: 172
Sig Exp Ratio
172 100
171 36.7
170 23.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.577 min Scan# 2466
Delta R.T. -0.006 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

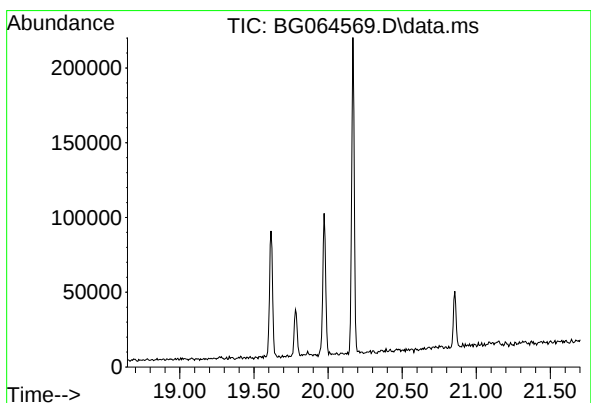
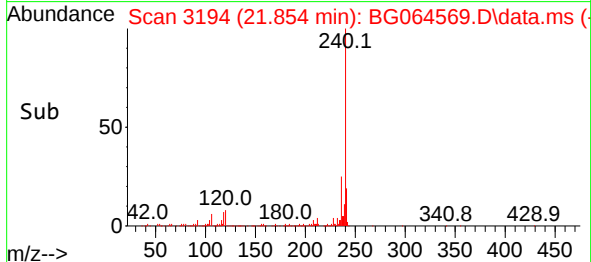
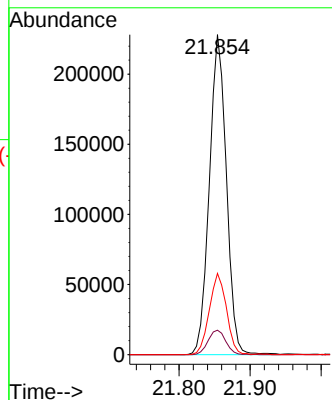
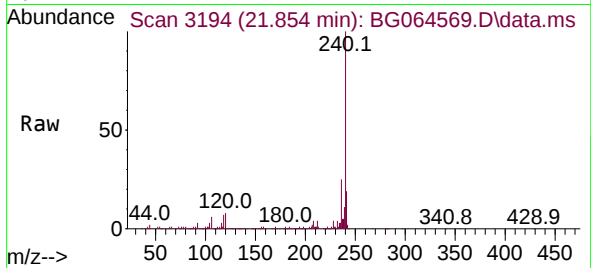




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG064569.D
Acq: 24 Oct 2025 9:00

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

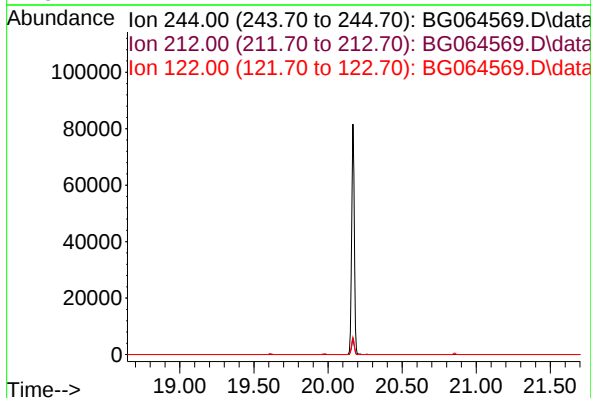
Tgt Ion:240 Resp: 378586
Ion Ratio Lower Upper
240 100
120 7.6 6.5 9.7
236 25.4 20.2 30.2

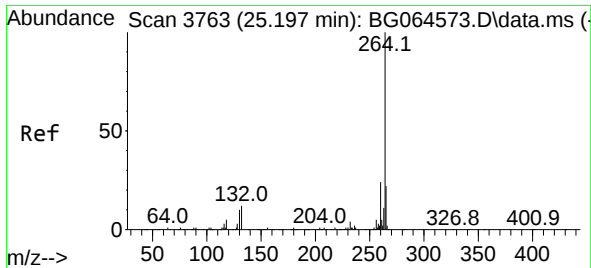


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 20.17 min

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. 0.006 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

