

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064218.D
 Acq On : 28 Aug 2025 10:51
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 28 18:39:59 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

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

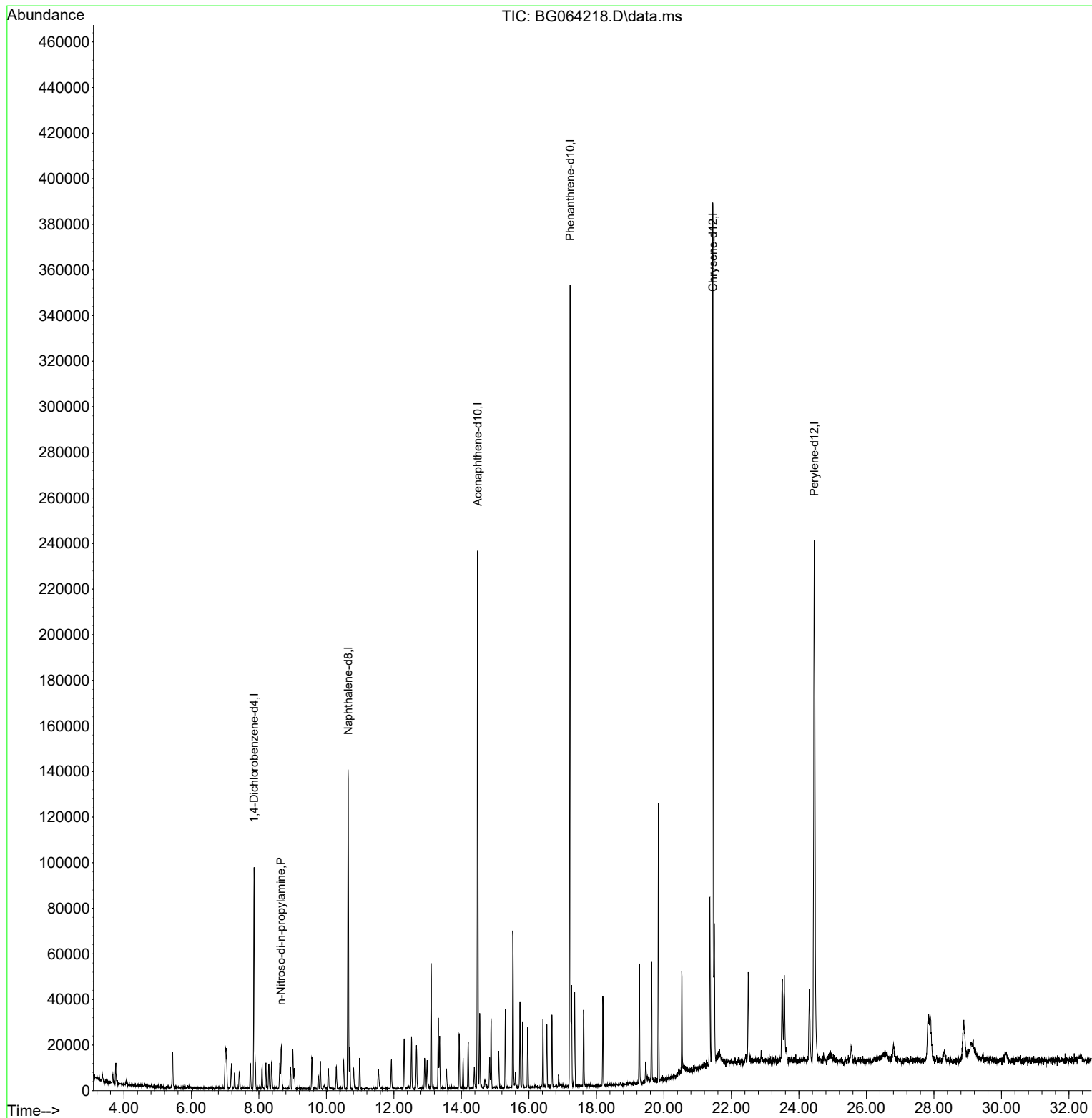
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23937	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	108069	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	80336	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	205650	20.000	ng	0.00
76) Chrysene-d12	21.450	240	221496	20.000	ng	0.00
86) Perylene-d12	24.453	264	230662	20.000	ng	-0.01
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...	8.654	70	3017	2.151	ng	Qvalue # 73

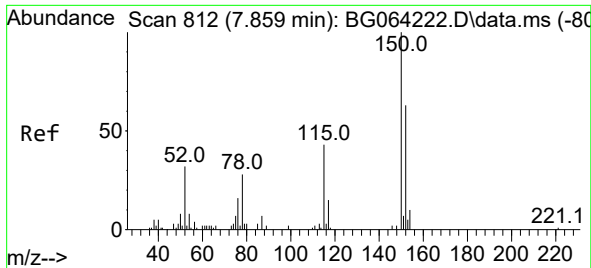
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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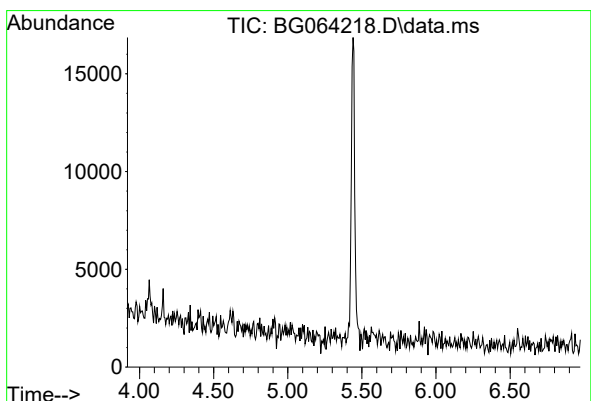
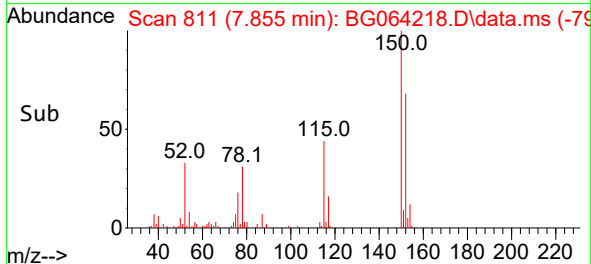
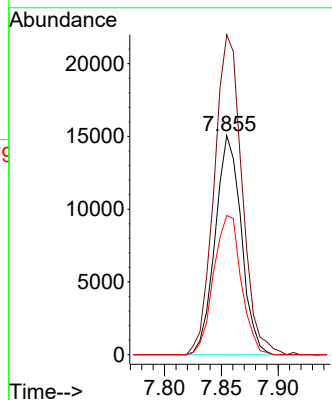
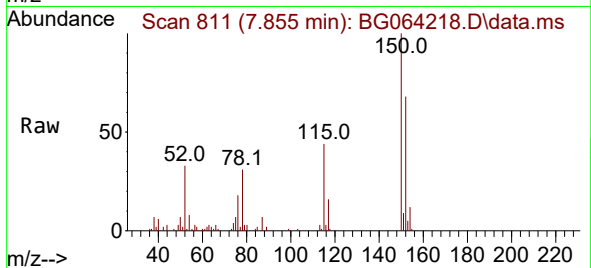




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

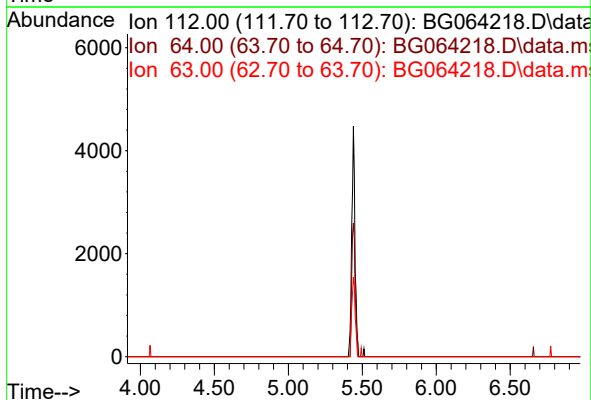
Tgt Ion:152 Resp: 23937
Ion Ratio Lower Upper
152 100
150 146.1 128.0 192.0
115 63.6 55.7 83.5

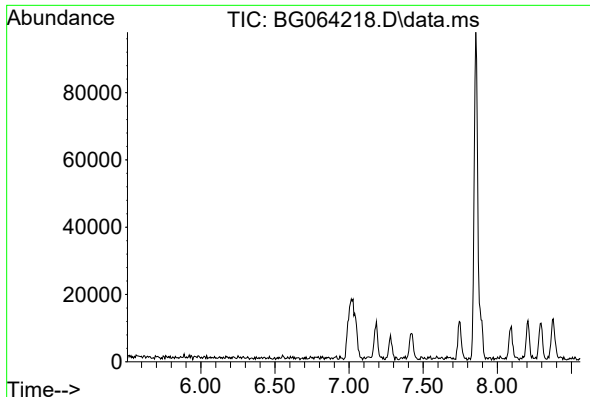


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 112
Sig Exp Ratio
112 100
64 64.7
63 38.2



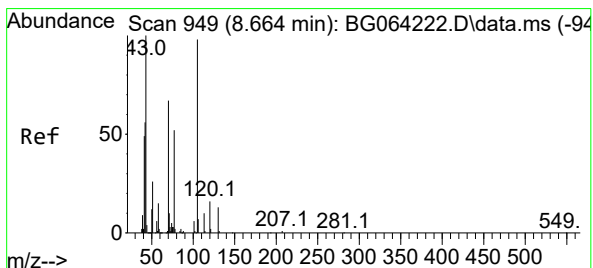
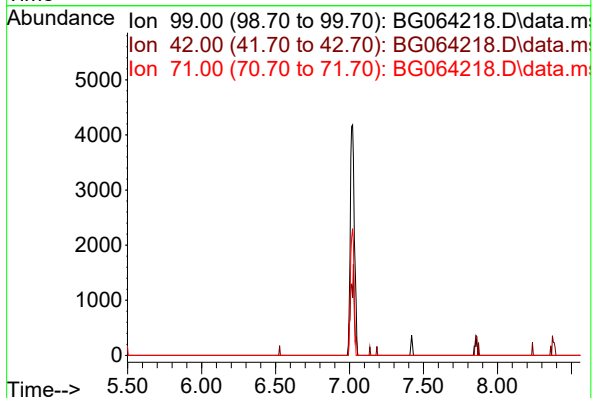


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.03 min
 Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

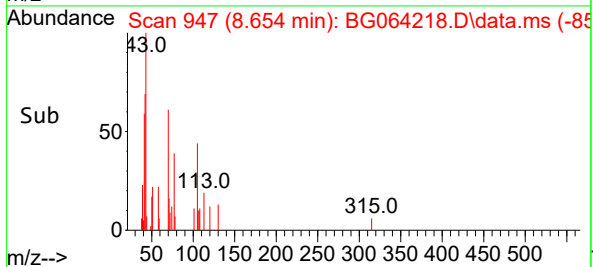
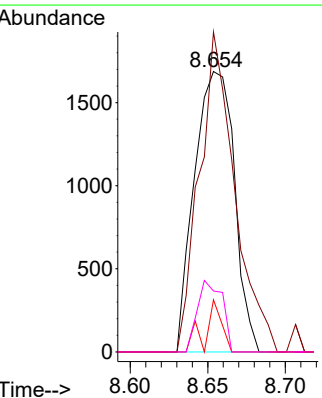
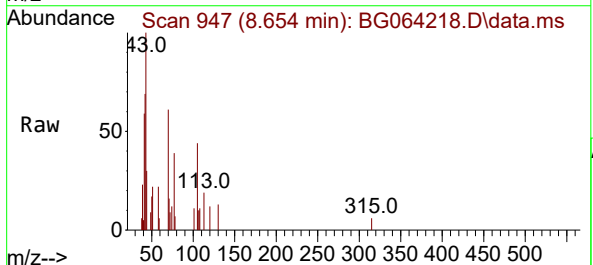
Sig	Exp Ratio
99	100
42	32.3
71	44.0

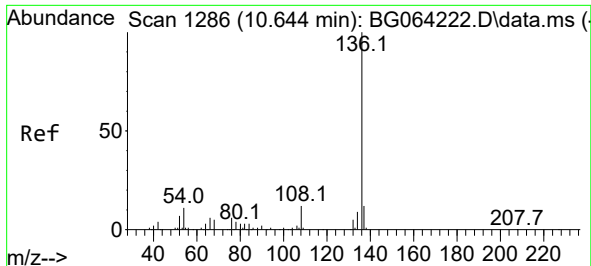


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.151 ng
 RT: 8.654 min Scan# 947
 Delta R.T. -0.010 min
 Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Tgt Ion: 70 Resp: 3017

Ion	Ratio	Lower	Upper
70	100		
42	114.1	67.9	101.9#
101	18.6	7.3	10.9#
130	21.8	15.6	23.4

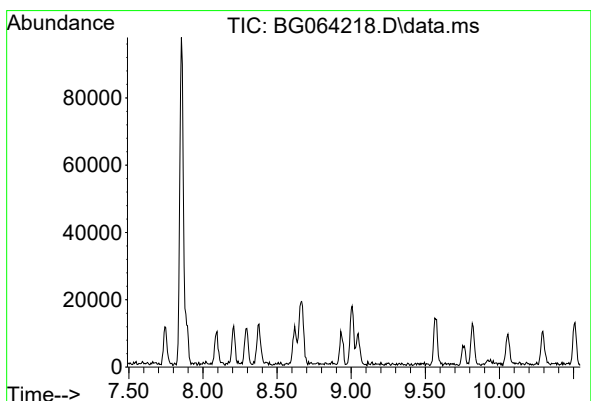
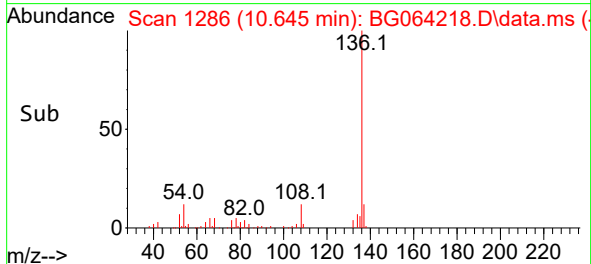
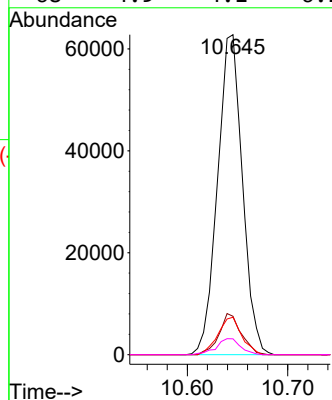
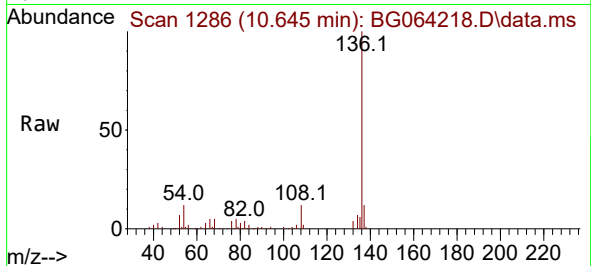




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

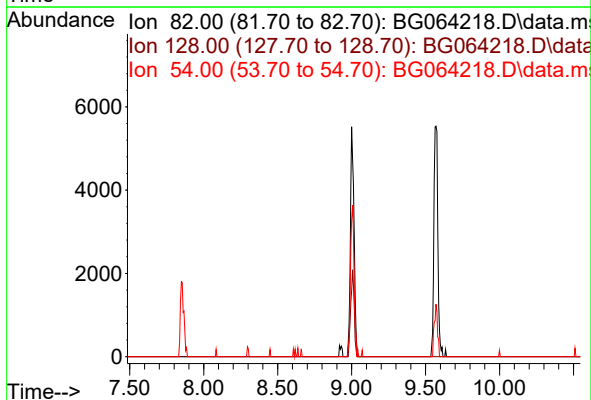
Tgt Ion:136 Resp: 108069
Ion Ratio Lower Upper
136 100
137 12.0 9.6 14.4
54 11.7 8.8 13.2
68 4.9 4.1 6.1

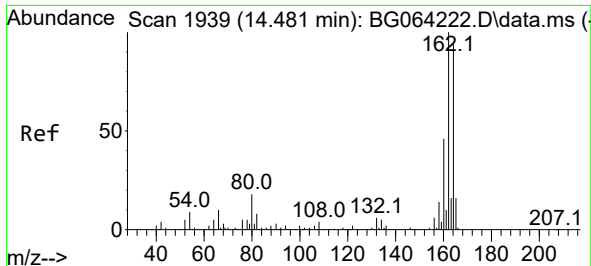


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.02 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Tgt Ion: 82
Sig Exp Ratio
82 100
128 40.7
54 68.4

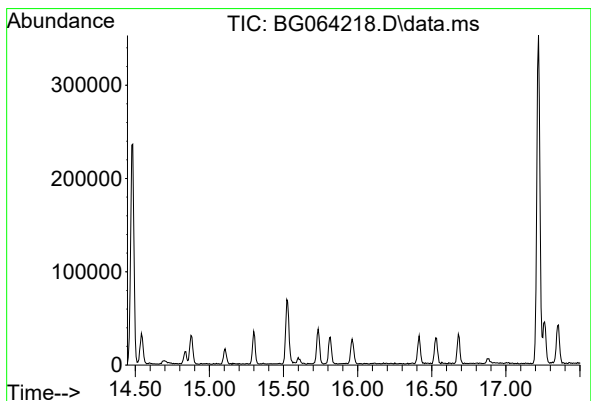
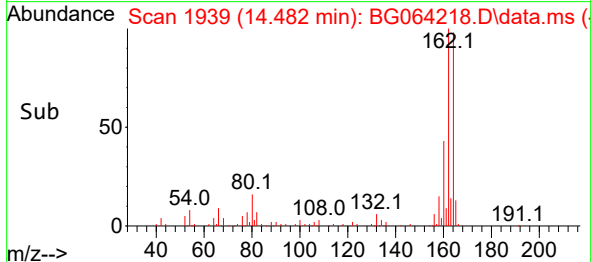
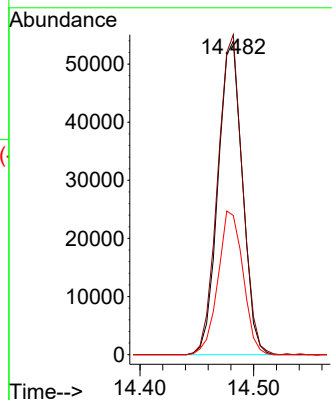
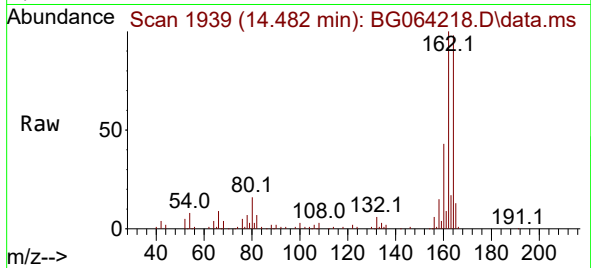




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.482 min Scan# 1939
 Delta R.T. 0.001 min
 Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

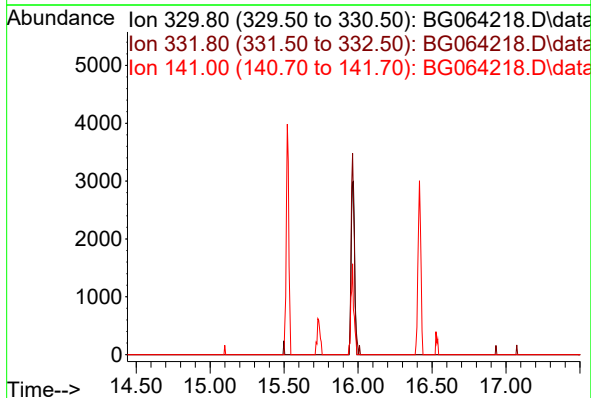
Tgt Ion:164 Resp: 80336
 Ion Ratio Lower Upper
 164 100
 162 102.1 85.4 128.0
 160 44.4 39.2 58.8

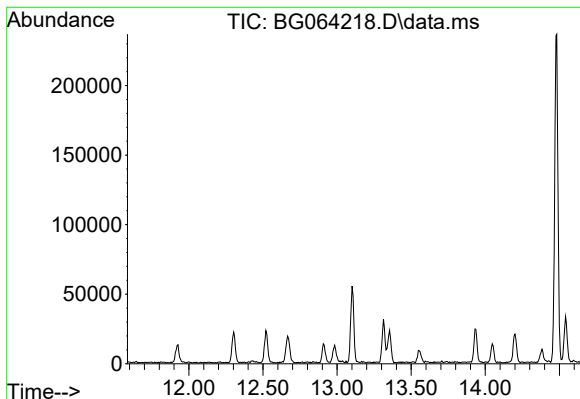


#42
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 15.97 min

Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 97.0
 141 37.2



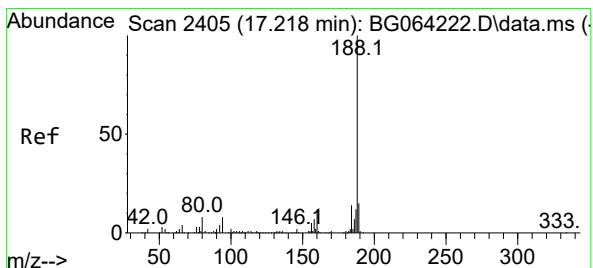
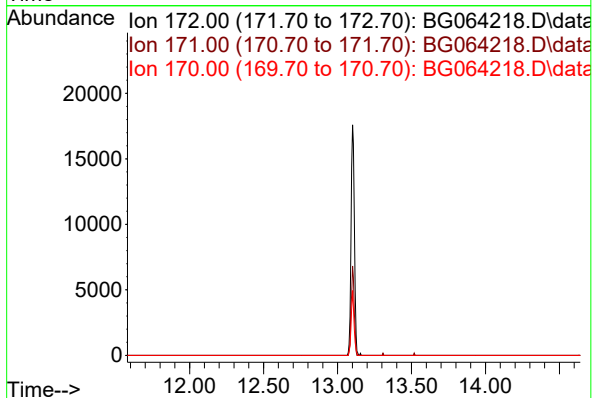


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.11 min
 Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

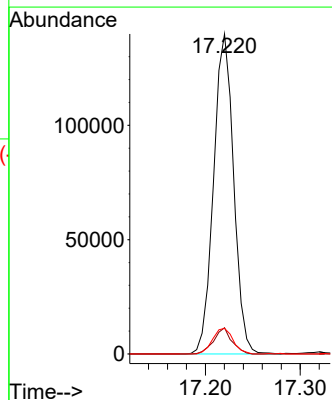
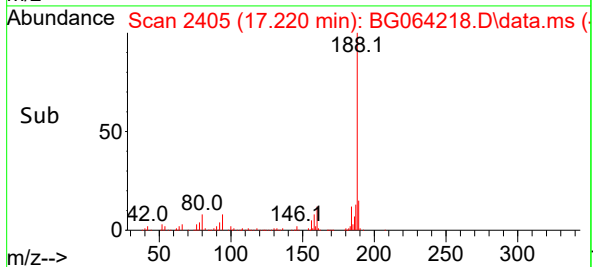
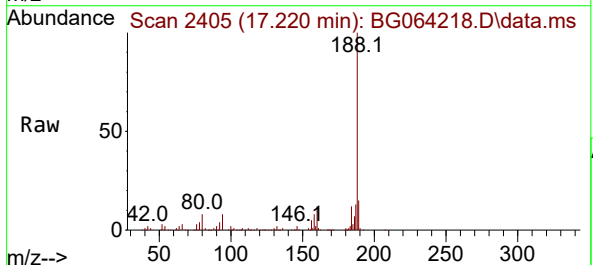
Sig	Exp Ratio
172	100
171	35.9
170	23.8

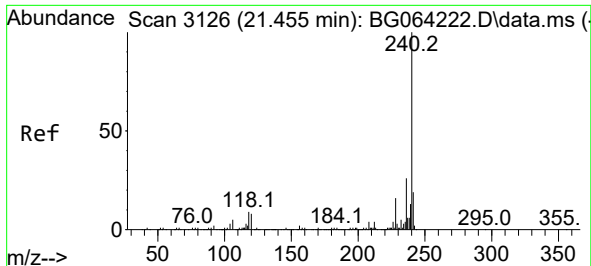


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.220 min Scan# 2405
 Delta R.T. -0.005 min
 Lab File: BG064218.D
 Acq: 28 Aug 2025 10:51

Tgt Ion: 188 Resp: 205650

Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.2	9.4
80	8.0	6.8	10.2

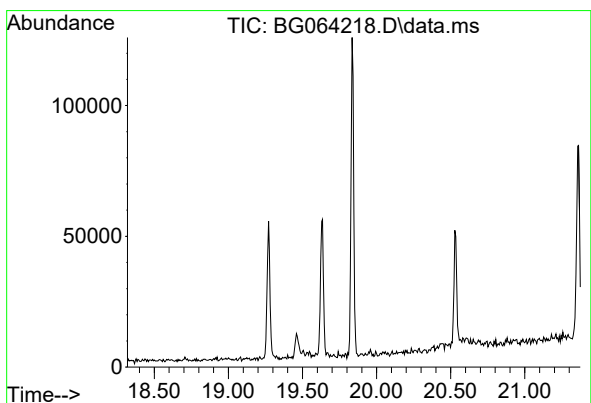
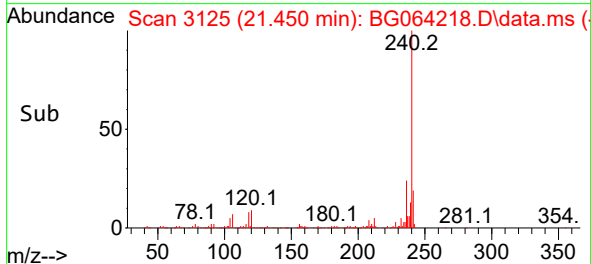
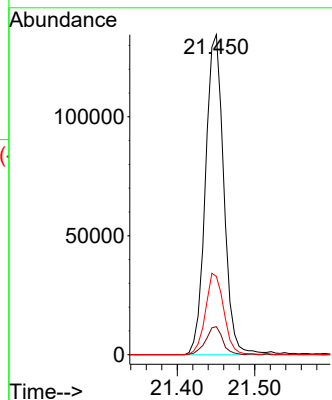
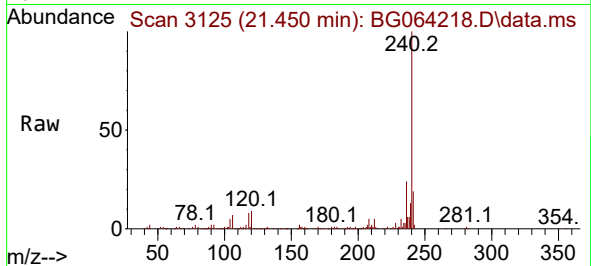




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

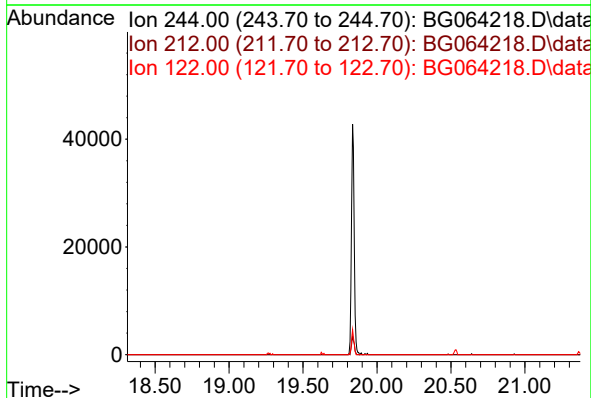
Tgt Ion:240 Resp: 221496
Ion Ratio Lower Upper
240 100
120 8.8 6.2 9.4
236 24.4 20.5 30.7

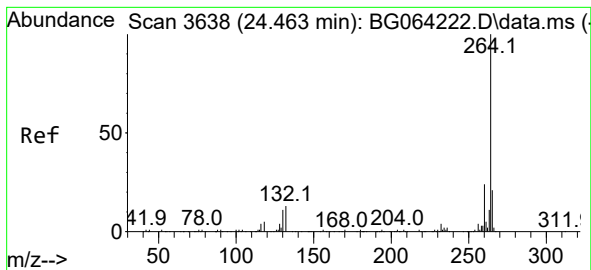


#79
Terphenyl-d14
Concen: 0.000 ng
Expected RT: 19.85 min

Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

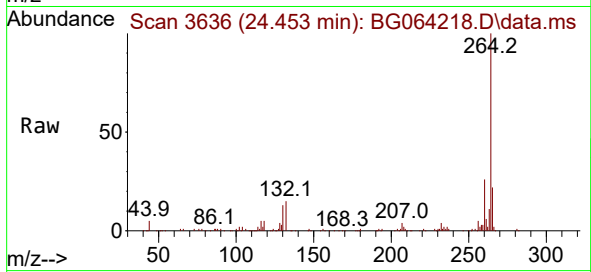
Tgt Ion: 244
Sig Exp Ratio
244 100
212 8.3
122 8.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.453 min Scan# 30
Delta R.T. -0.010 min
Lab File: BG064218.D
Acq: 28 Aug 2025 10:51

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



Tgt Ion:264 Resp: 230662
Ion Ratio Lower Upper
264 100
260 25.9 18.9 28.3
265 21.7 16.7 25.1

