

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082725\
 Data File : BG064207.D
 Acq On : 27 Aug 2025 12:13
 Operator : RC/JU
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Quant Time: Aug 27 17:45:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 27 17:42:35 2025
 Response via : Initial Calibration

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

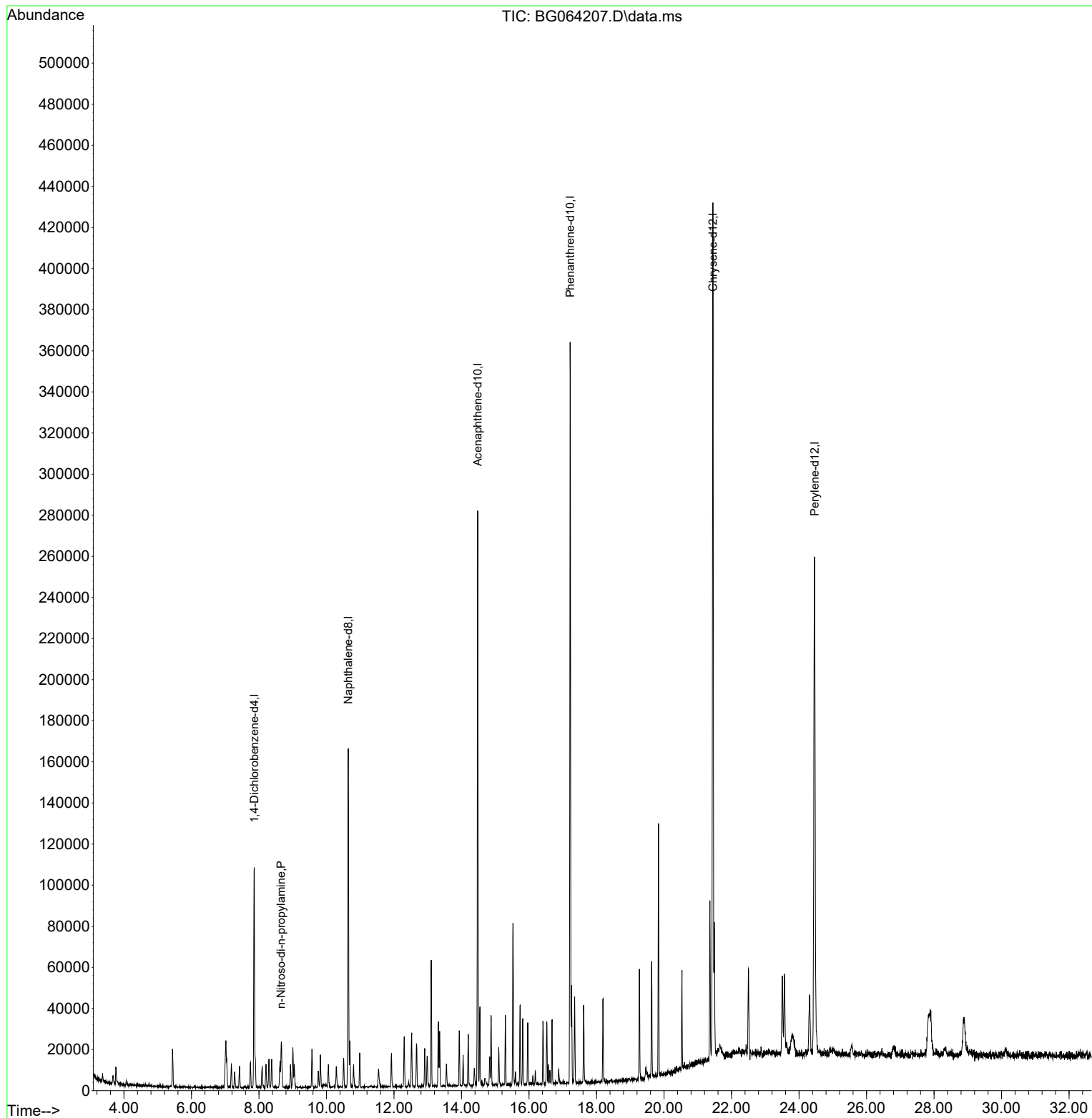
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	27014	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	127904	20.000	ng	# 0.00
39) Acenaphthene-d10	14.481	164	92630	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	216187	20.000	ng	0.00
76) Chrysene-d12	21.449	240	231921	20.000	ng	0.00
86) Perylene-d12	24.463	264	252321	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						Qvalue
19) n-Nitroso-di-n-propyla...	8.652	70	3684	2.335	ng	# 95

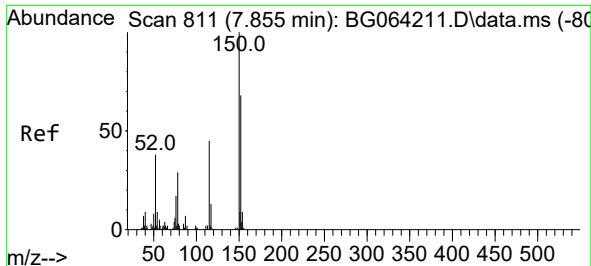
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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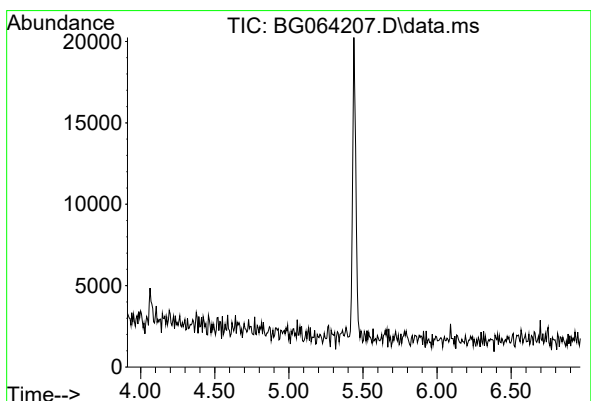
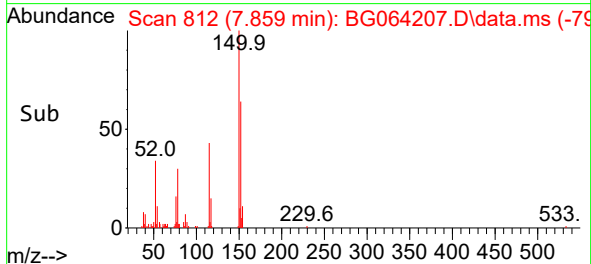
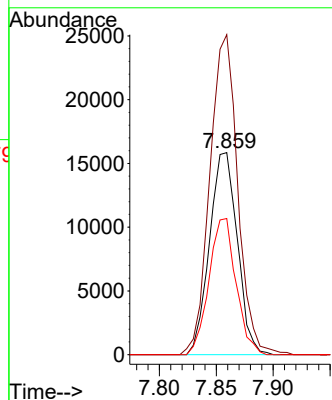
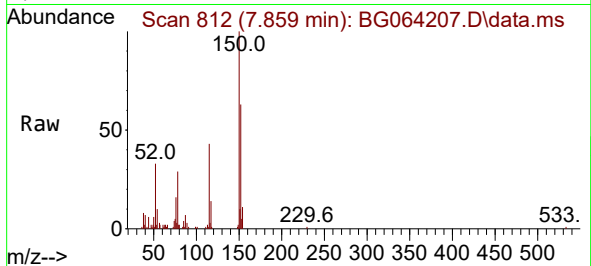




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG064207.D
Acq: 27 Aug 2025 12:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5

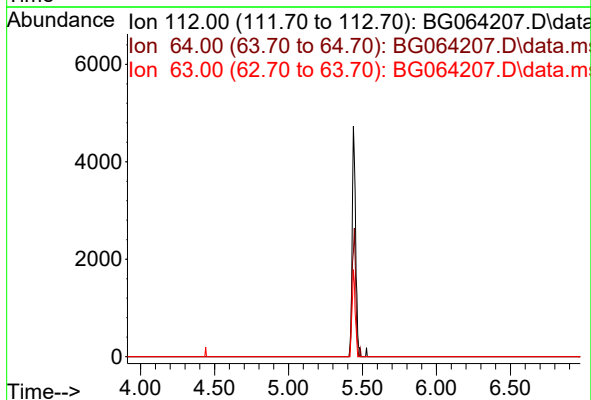
Tgt Ion:152 Resp: 27014
Ion Ratio Lower Upper
152 100
150 158.3 117.6 176.4
115 67.4 53.1 79.7

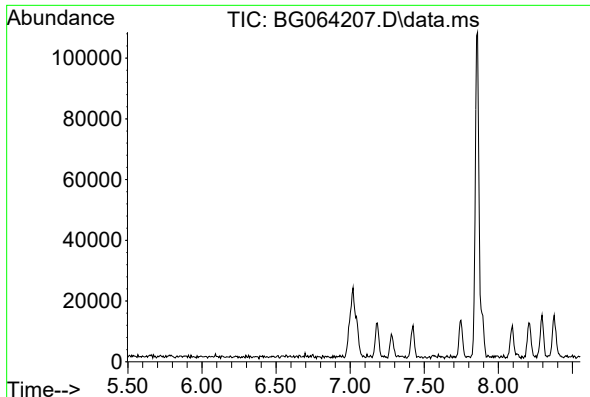


#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.44 min

Lab File: BG064207.D
Acq: 27 Aug 2025 12:13

Tgt Ion: 112
Sig Exp Ratio
112 100
64 67.6
63 40.5



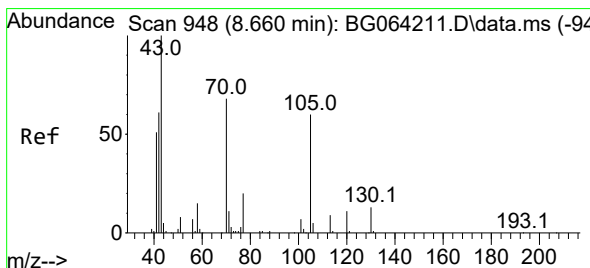
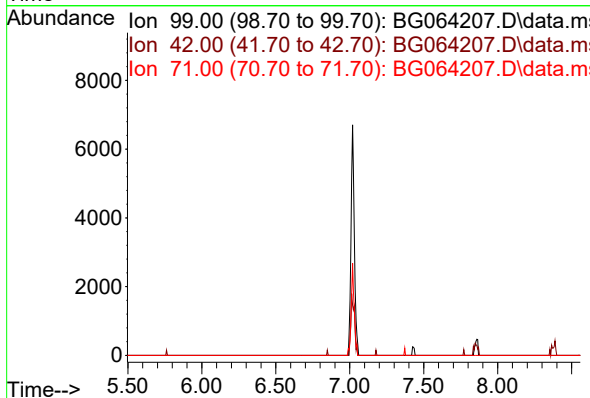


#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 7.03 min
 Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 99

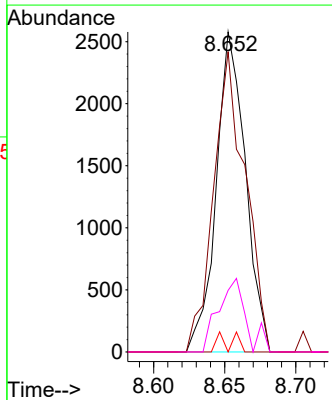
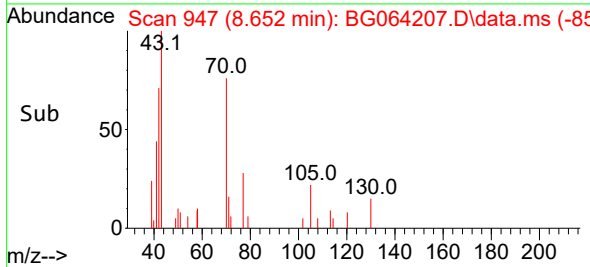
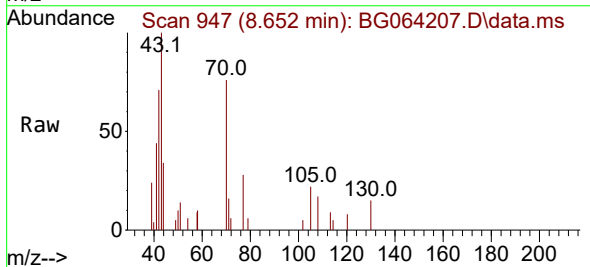
Sig	Exp Ratio
99	100
42	30.2
71	43.3

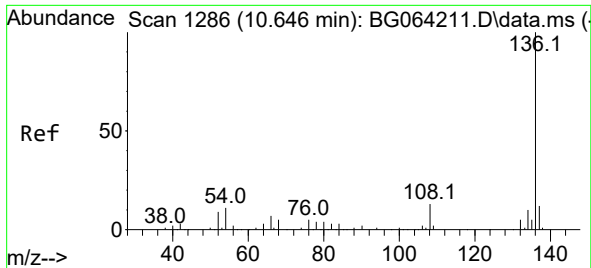


#19
 n-Nitroso-di-n-propylamine
 Concen: 2.335 ng
 RT: 8.652 min Scan# 947
 Delta R.T. -0.008 min
 Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Tgt Ion: 70 Resp: 3684

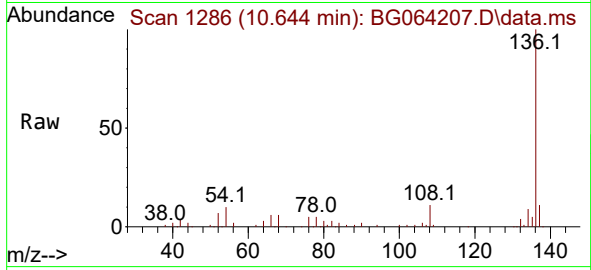
Ion	Ratio	Lower	Upper
70	100		
42	93.9	73.2	109.8
101	0.0	8.2	12.2
130	19.3	14.7	22.1



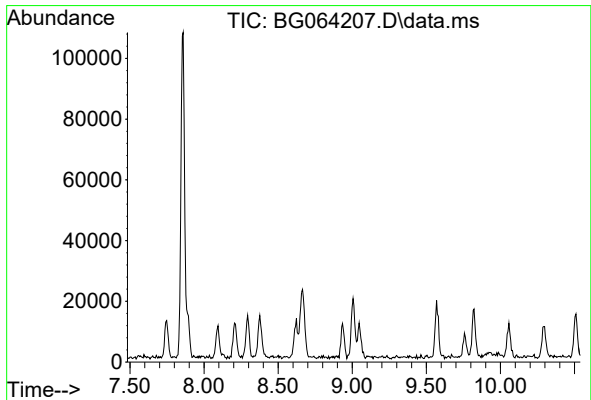
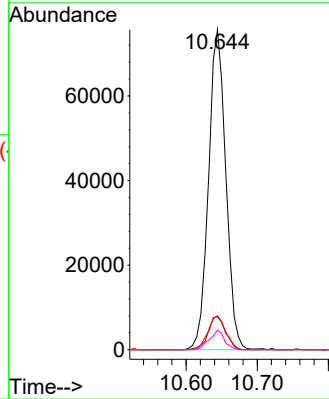
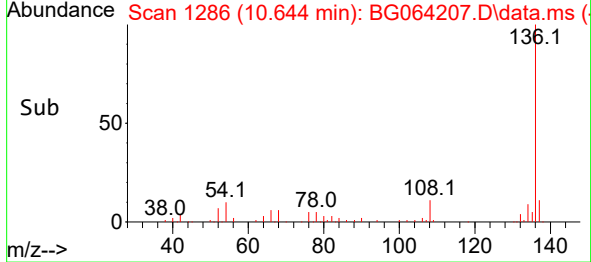


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG064207.D
Acq: 27 Aug 2025 12:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



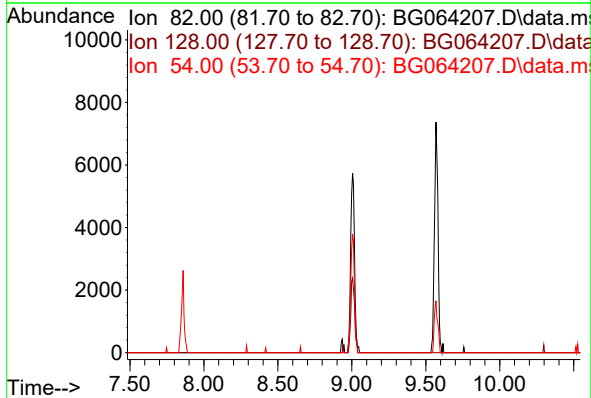
Tgt Ion:136 Resp: 127904
Ion Ratio Lower Upper
136 100
137 10.6 9.7 14.5
54 10.2 8.6 12.8
68 6.1 3.9 5.9#

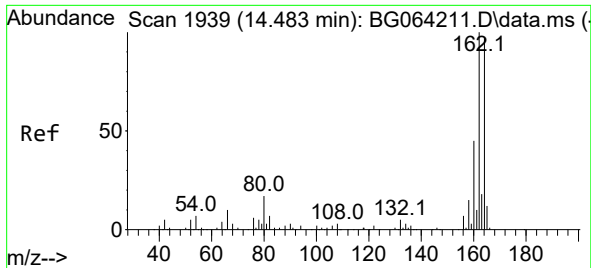


#23
Nitrobenzene-d5
Concen: 0.000 ng
Expected RT: 9.01 min

Lab File: BG064207.D
Acq: 27 Aug 2025 12:13

Tgt Ion: 82
Sig Exp Ratio
82 100
128 39.3
54 72.9

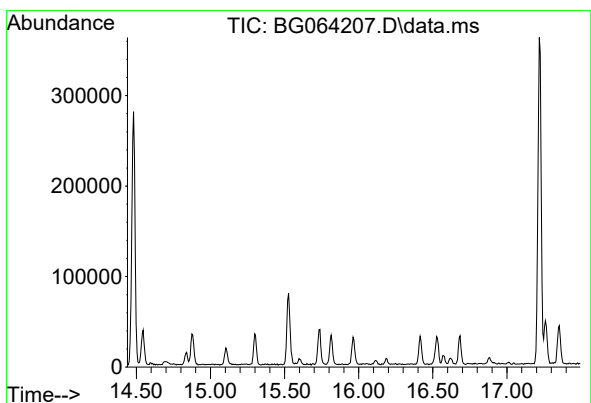
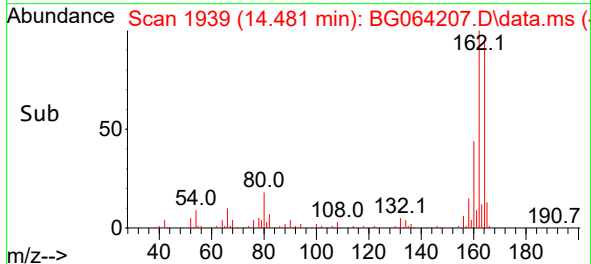
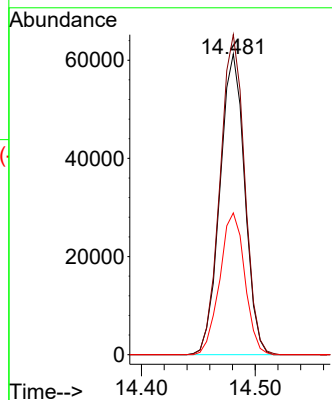
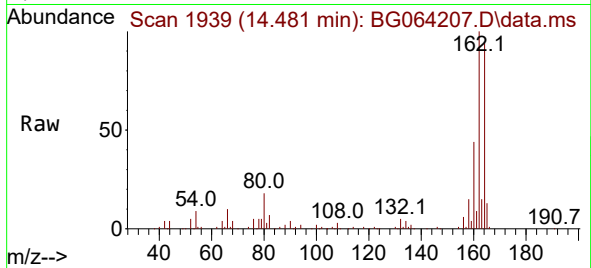




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.481 min Scan# 1939
 Delta R.T. -0.002 min
 Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

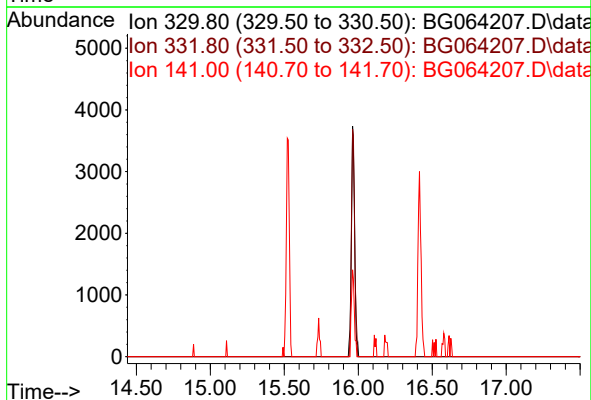
Tgt Ion:164 Resp: 92630
 Ion Ratio Lower Upper
 164 100
 162 106.4 82.4 123.6
 160 47.1 36.8 55.2



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

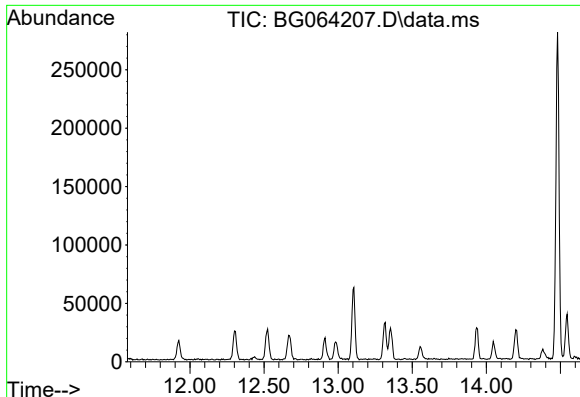
Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.2
 141 37.5



Ion 331.80 (331.50 to 332.50): BG064207.D\data.ms

Ion 141.00 (140.70 to 141.70): BG064207.D\data.ms

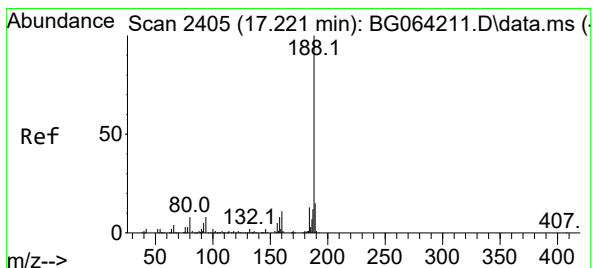
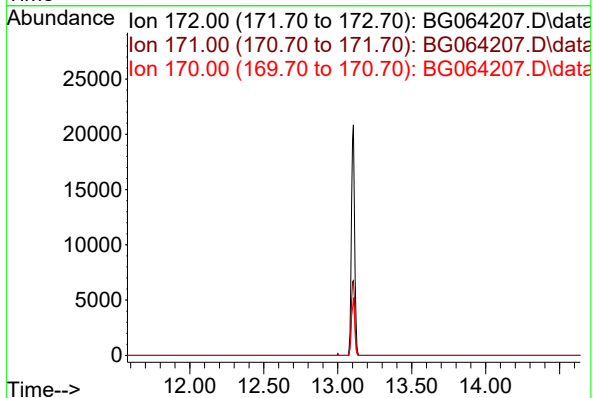


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 13.11 min
 Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Instrument :
 BNA_G
 ClientSampleId :
 SSTDICC2.5

Tgt Ion: 172

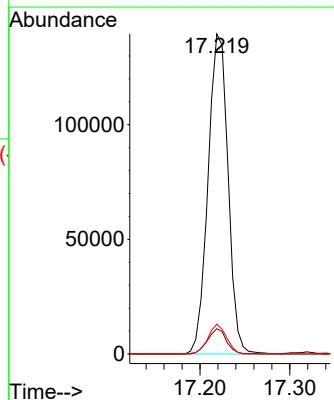
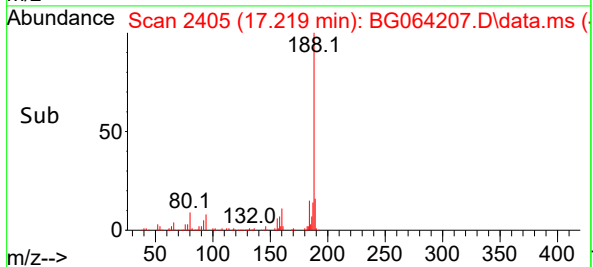
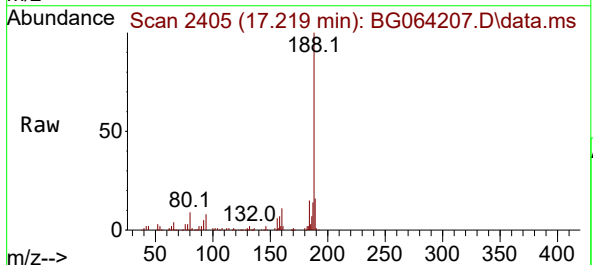
Sig	Exp Ratio
172	100
171	35.5
170	25.3

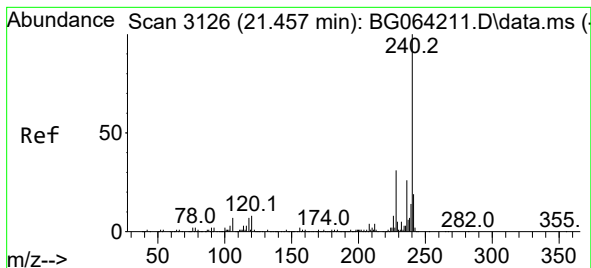


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.219 min Scan# 2405
 Delta R.T. -0.002 min
 Lab File: BG064207.D
 Acq: 27 Aug 2025 12:13

Tgt Ion: 188 Resp: 216187

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.3	9.5
80	9.3	6.7	10.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.449 min Scan# 31

Delta R.T. -0.008 min

Lab File: BG064207.D

Acq: 27 Aug 2025 12:13

Instrument :

BNA_G

ClientSampleId :

SSTDICC2.5

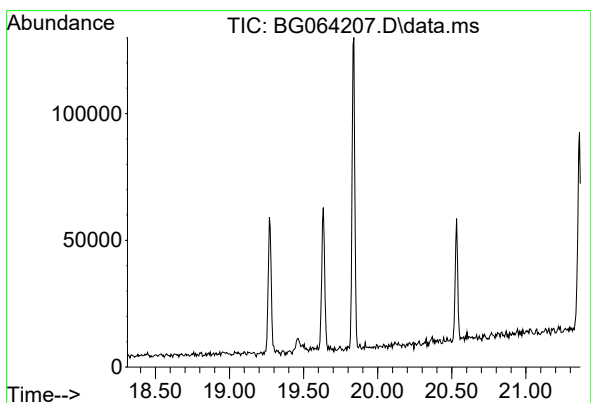
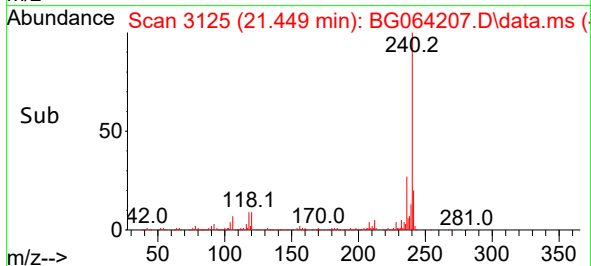
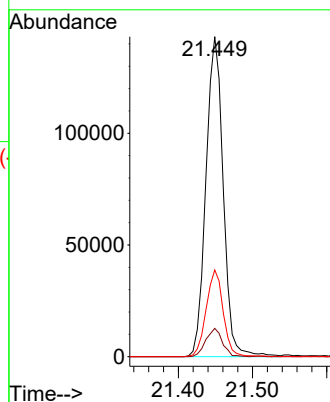
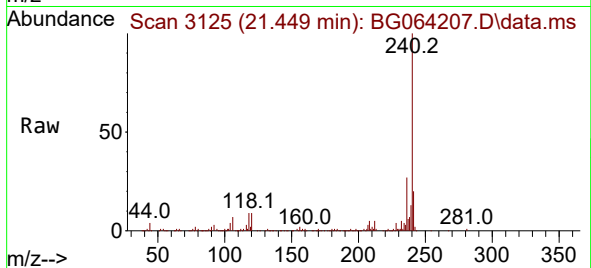
Tgt Ion:240 Resp: 231921

Ion Ratio Lower Upper

240 100

120 8.9 6.6 9.8

236 27.1 21.0 31.4



#79

Terphenyl-d14

Concen: 0.000 ng

Expected RT: 19.84 min

Lab File: BG064207.D

Acq: 27 Aug 2025 12:13

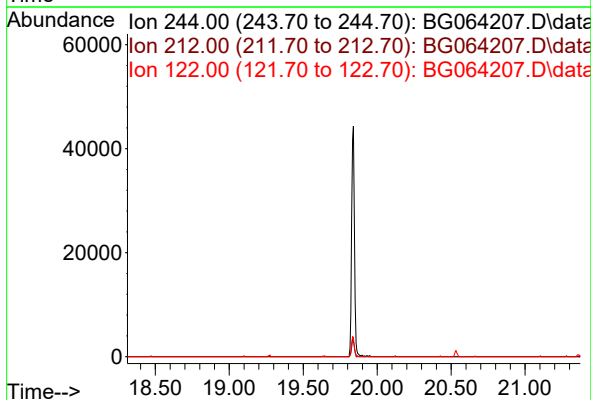
Tgt Ion: 244

Sig Exp Ratio

244 100

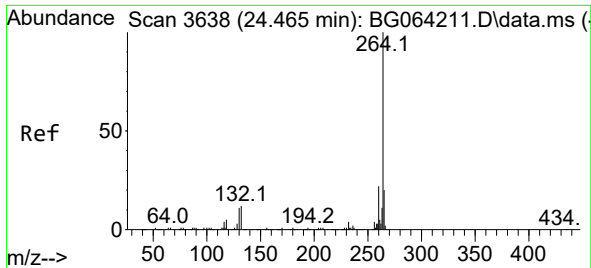
212 8.7

122 8.8



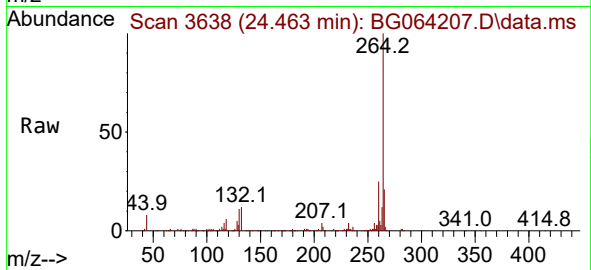
Ion 212.00 (211.70 to 212.70): BG064207.D\data

Ion 122.00 (121.70 to 122.70): BG064207.D\data



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.463 min Scan# 30
Delta R.T. -0.002 min
Lab File: BG064207.D
Acq: 27 Aug 2025 12:13

Instrument :
BNA_G
ClientSampleId :
SSTDICC2.5



Tgt Ion:264 Resp: 252321

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.0	27.0
265	21.0	16.3	24.5

