

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064469.D
 Acq On : 29 Sep 2025 21:22
 Operator : RC/JU
 Sample : Q3232-01DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1DL

Quant Time: Sep 30 06:58:17 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

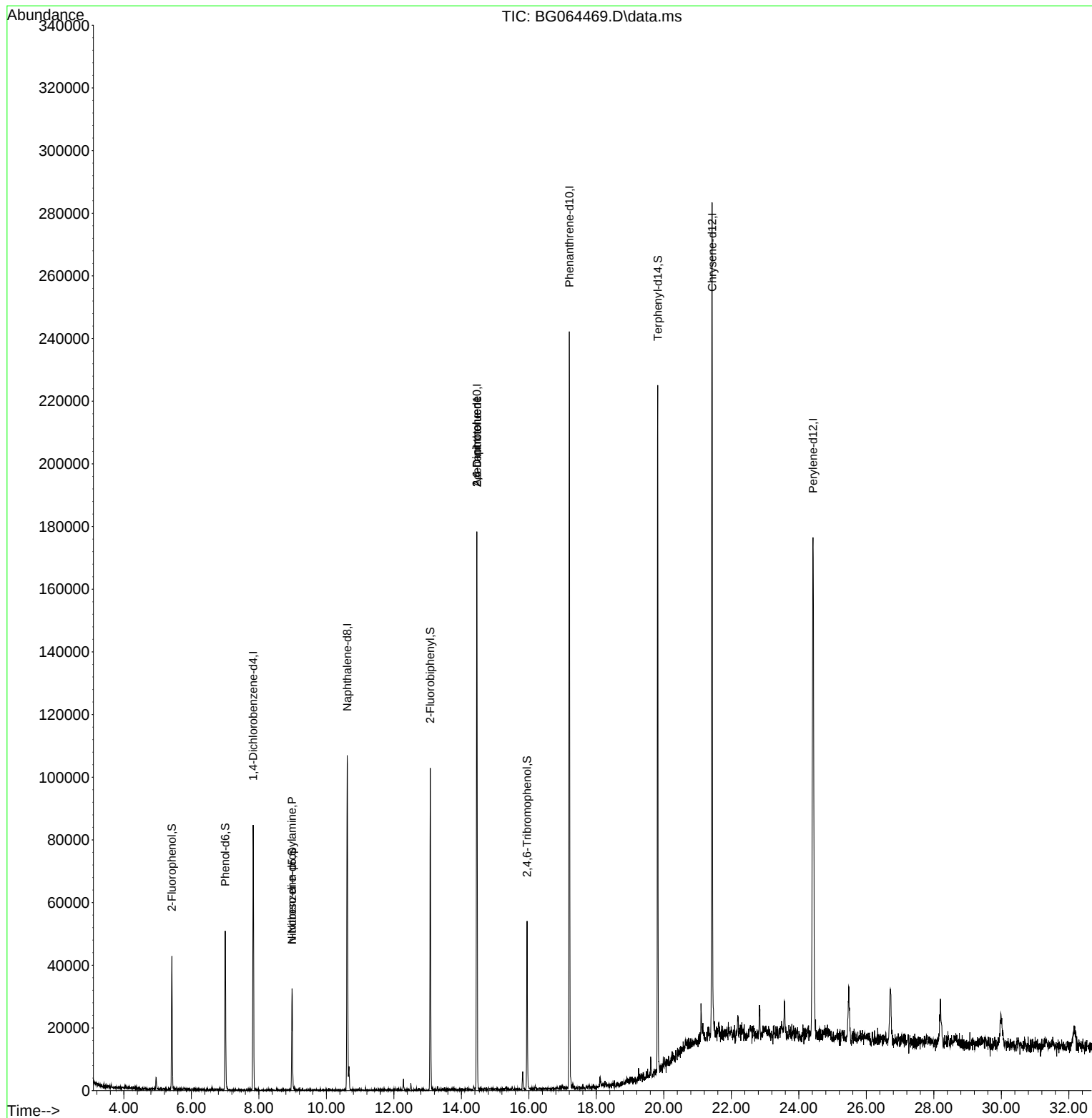
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	22513	20.000	ng	-0.01
21) Naphthalene-d8	10.617	136	87671	20.000	ng	-0.01
39) Acenaphthene-d10	14.460	164	62859	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	144253	20.000	ng	#-0.01
76) Chrysene-d12	21.428	240	154878	20.000	ng	# 0.00
86) Perylene-d12	24.419	264	173223	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.424	112	16064	13.636	ng	0.00
7) Phenol-d6	7.004	99	24226	15.010	ng	0.00
23) Nitrobenzene-d5	8.984	82	18461	11.412	ng	0.00
42) 2,4,6-Tribromophenol	15.946	330	11630	10.598	ng	0.00
45) 2-Fluorobiphenyl	13.079	172	50596	11.886	ng	-0.01
79) Terphenyl-d14	19.818	244	97589	12.421	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.984	70	2394	2.194	ng	# 70
51) 2,6-Dinitrotoluene	14.460	165	8696	8.621	ng	# 22
57) 2,4-Dinitrotoluene	14.460	165	8696	5.647	ng	# 21

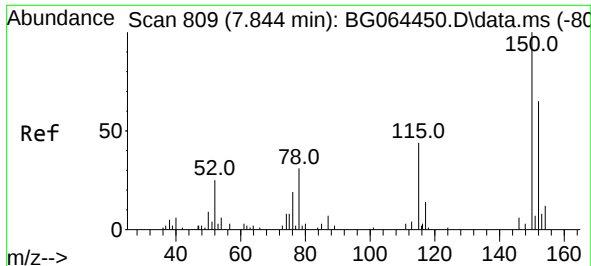
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
Data File : BG064469.D
Acq On : 29 Sep 2025 21:22
Operator : RC/JU
Sample : Q3232-01DL 5X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CONC-1DL

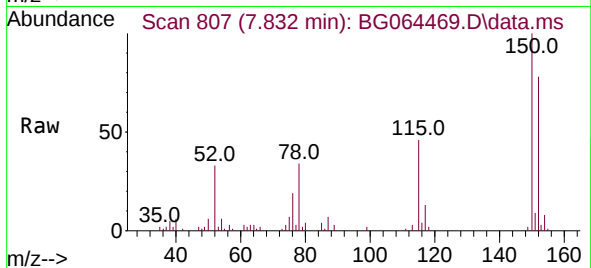
Quant Time: Sep 30 06:58:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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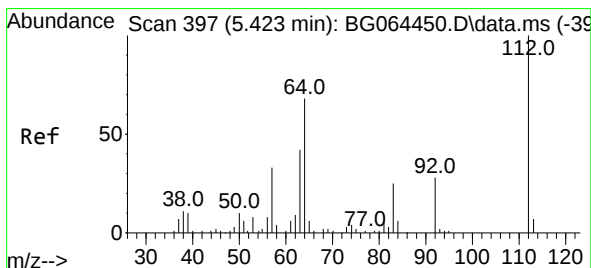
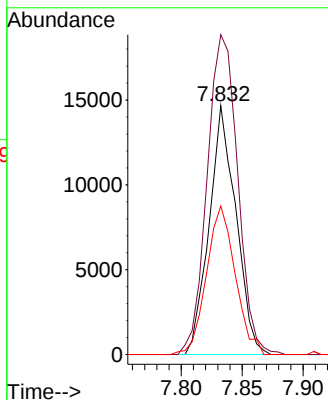
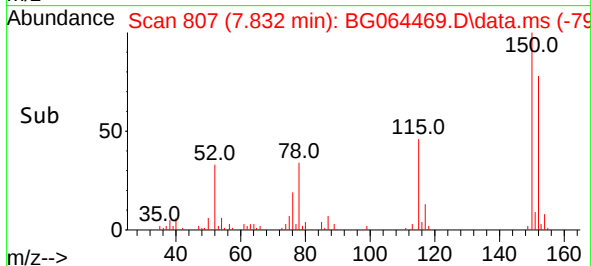


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.832 min Scan# 809
Delta R.T. -0.012 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

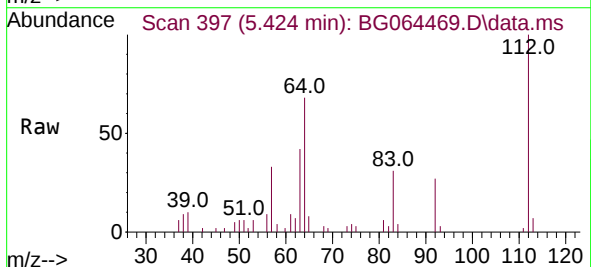
Instrument :
BNA_G
ClientSampleId :
CONC-1DL



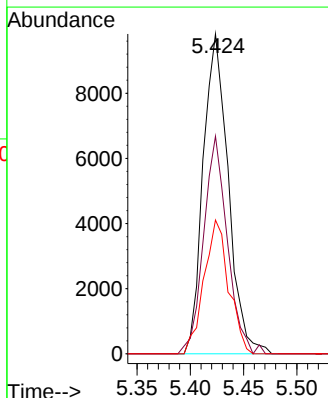
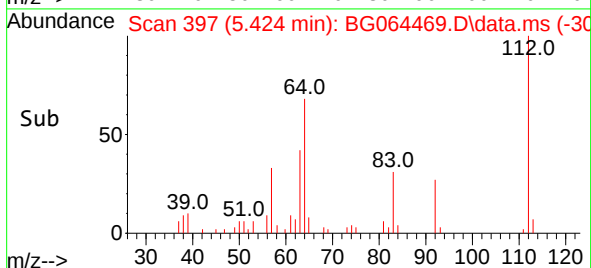
Tgt Ion:152 Resp: 22513
Ion Ratio Lower Upper
152 100
150 128.6 122.9 184.3
115 59.7 54.3 81.5

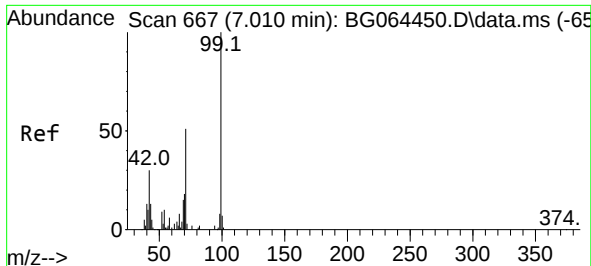


#5
2-Fluorophenol
Concen: 13.636 ng
RT: 5.424 min Scan# 397
Delta R.T. 0.000 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22



Tgt Ion:112 Resp: 16064
Ion Ratio Lower Upper
112 100
64 68.0 54.0 81.0
63 41.8 33.8 50.6

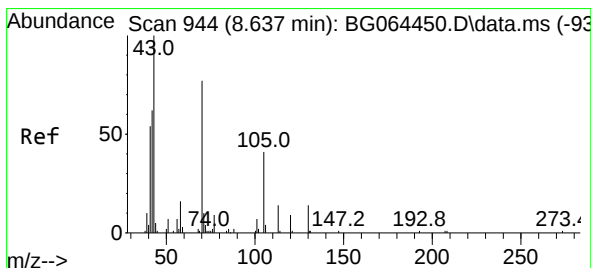
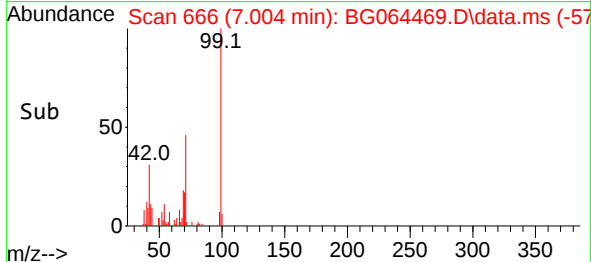
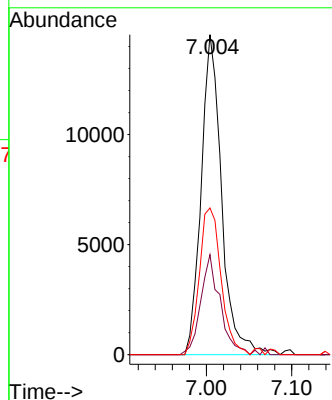
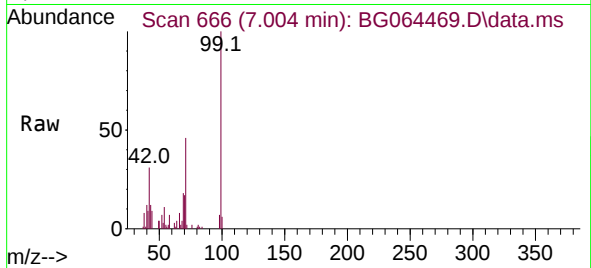




#7
Phenol-d6
Concen: 15.010 ng
RT: 7.004 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

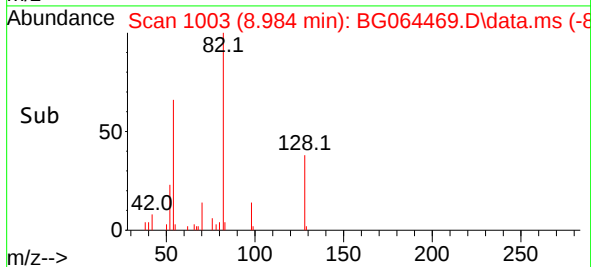
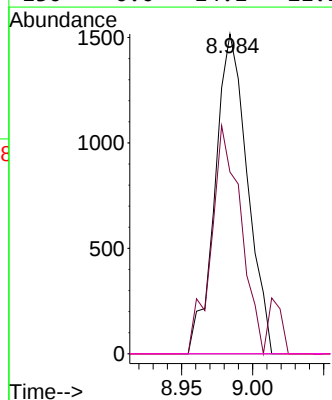
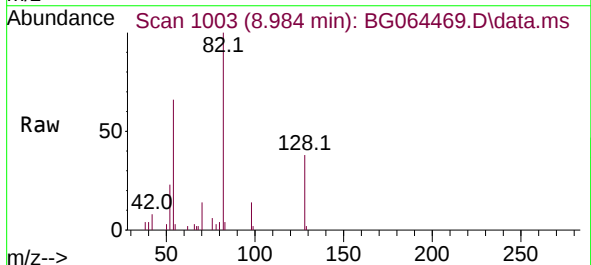
Instrument :
BNA_G
ClientSampleId :
CONC-1DL

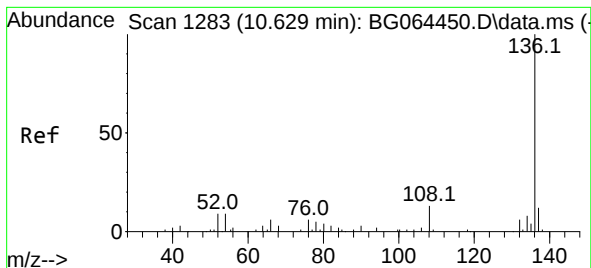
Tgt Ion: 99 Resp: 24226
Ion Ratio Lower Upper
99 100
42 31.2 24.0 36.0
71 45.8 40.5 60.7



#19
n-Nitroso-di-n-propylamine
Concen: 2.194 ng
RT: 8.984 min Scan# 1003
Delta R.T. 0.347 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

Tgt Ion: 70 Resp: 2394
Ion Ratio Lower Upper
70 100
42 56.8 65.6 98.4#
101 0.0 7.7 11.5#
130 0.0 14.1 21.1#

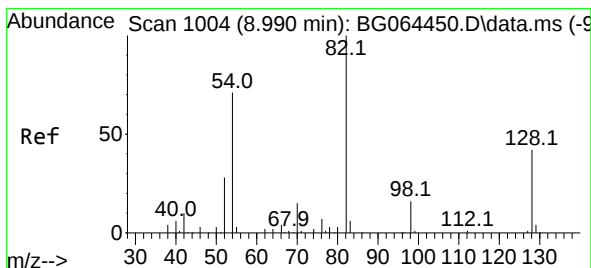
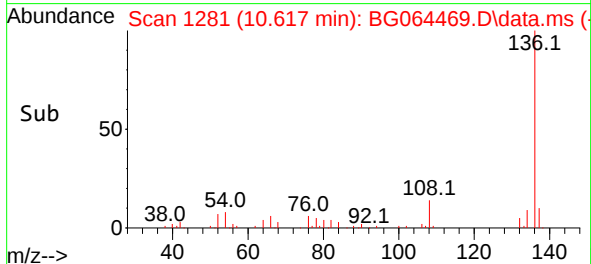
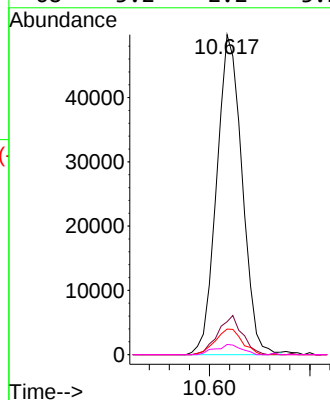
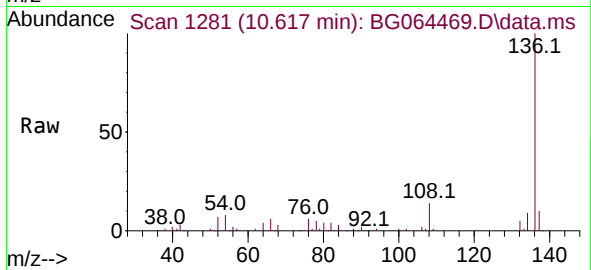




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.617 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

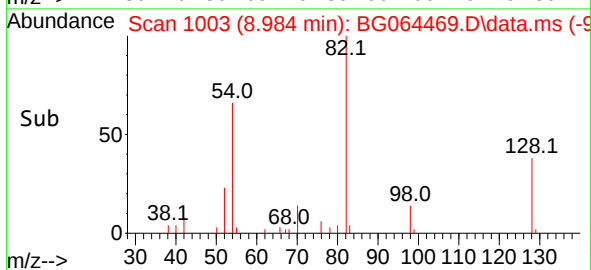
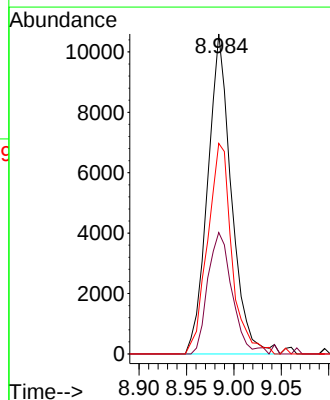
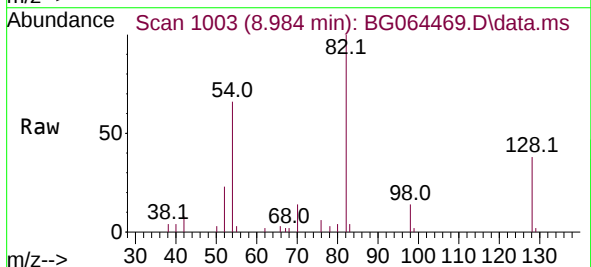
Instrument :
BNA_G
ClientSampleId :
CONC-1DL

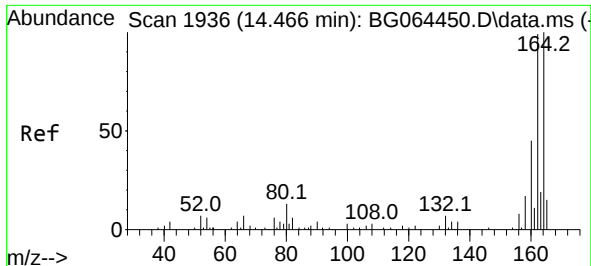
Tgt Ion:136	Resp:	87671
Ion Ratio	Lower	Upper
136	100	
137	10.3	9.6 14.4
54	8.0	7.4 11.2
68	3.2	2.2 3.2



#23
Nitrobenzene-d5
Concen: 11.412 ng
RT: 8.984 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

Tgt Ion: 82	Resp:	18461
Ion Ratio	Lower	Upper
82	100	
128	37.9	33.7 50.5
54	65.8	57.0 85.6

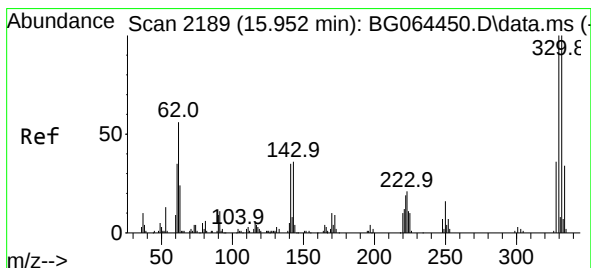
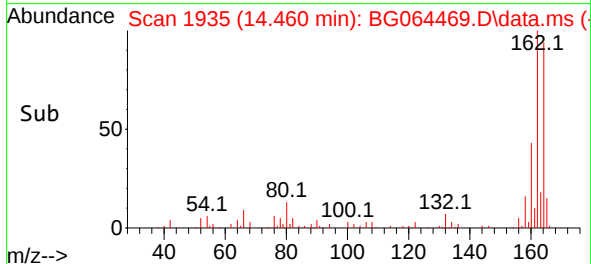
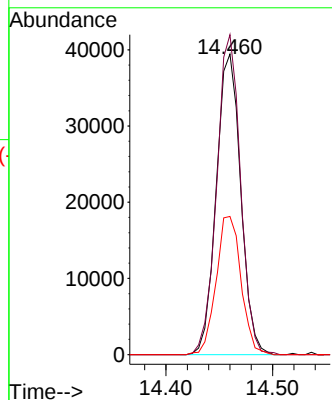
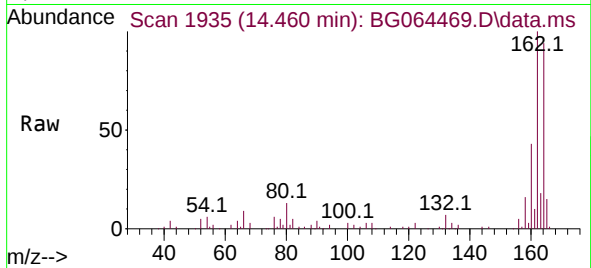




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

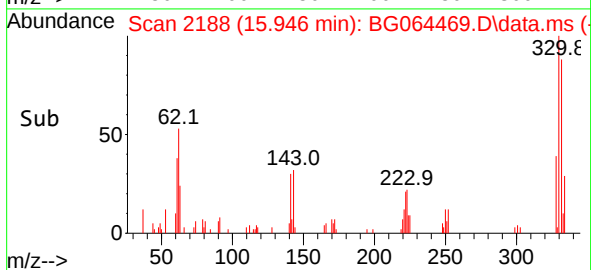
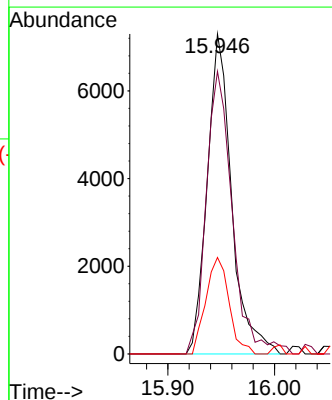
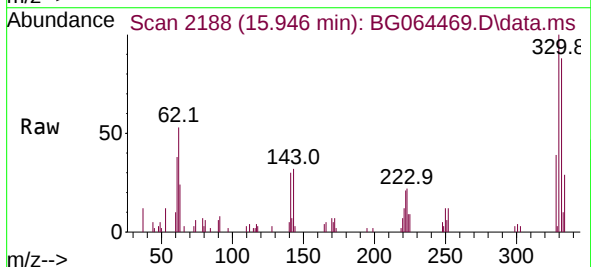
Instrument :
BNA_G
ClientSampleId :
CONC-1DL

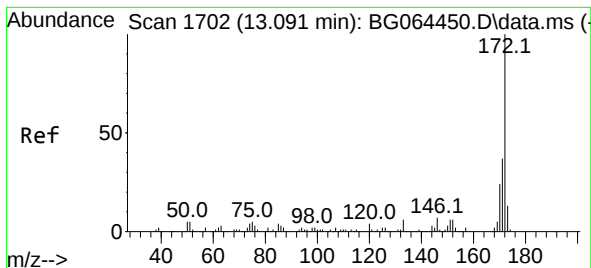
Tgt Ion:164 Resp: 62859
Ion Ratio Lower Upper
164 100
162 106.5 79.0 118.4
160 46.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 10.598 ng
RT: 15.946 min Scan# 2188
Delta R.T. -0.006 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

Tgt Ion:330 Resp: 11630
Ion Ratio Lower Upper
330 100
332 94.1 78.8 118.2
141 28.6 27.3 40.9





#45

2-Fluorobiphenyl

Concen: 11.886 ng

RT: 13.079 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG064469.D

Acq: 29 Sep 2025 21:22

Instrument :

BNA_G

ClientSampleId :

CONC-1DL

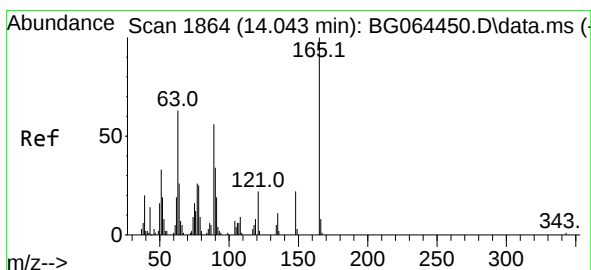
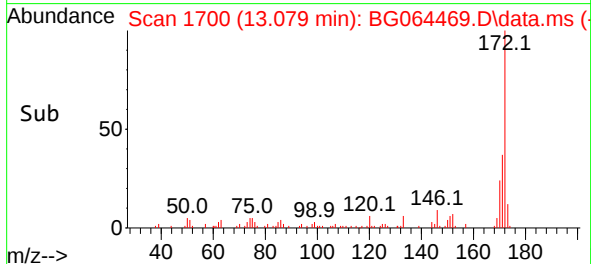
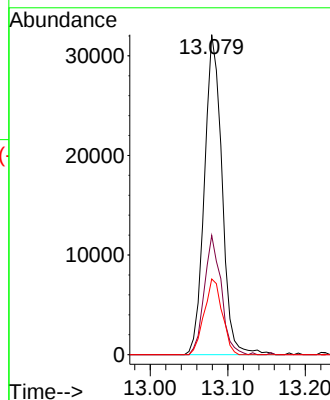
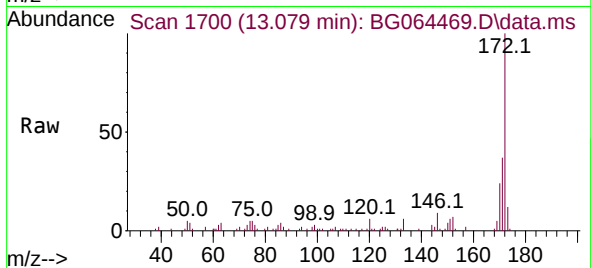
Tgt Ion:172 Resp: 50596

Ion Ratio Lower Upper

172 100

171 37.2 29.4 44.2

170 23.6 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.621 ng

RT: 14.460 min Scan# 1935

Delta R.T. 0.417 min

Lab File: BG064469.D

Acq: 29 Sep 2025 21:22

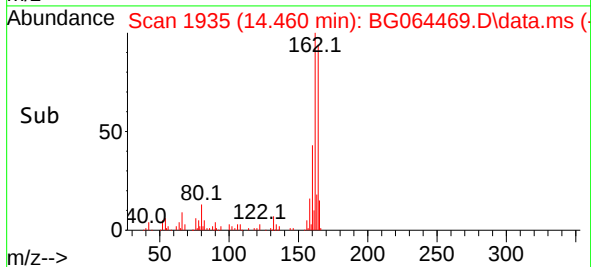
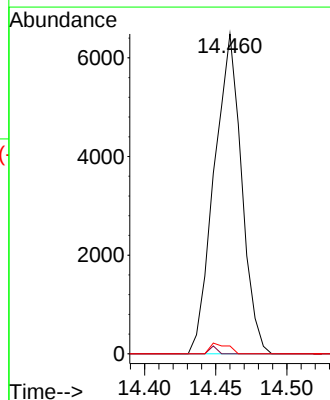
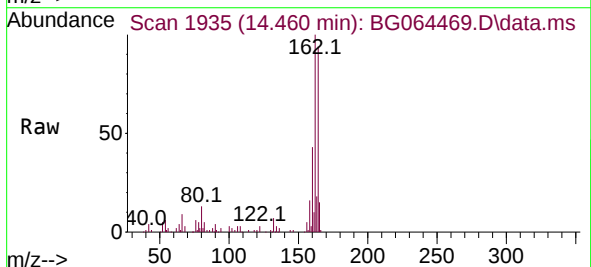
Tgt Ion:165 Resp: 8696

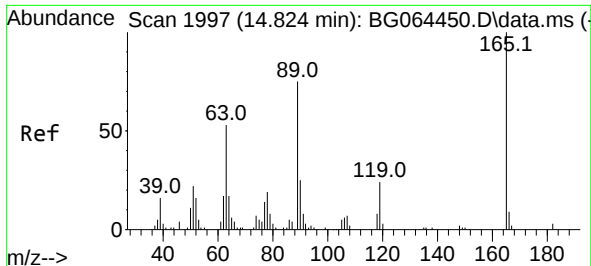
Ion Ratio Lower Upper

165 100

63 0.0 50.6 75.8#

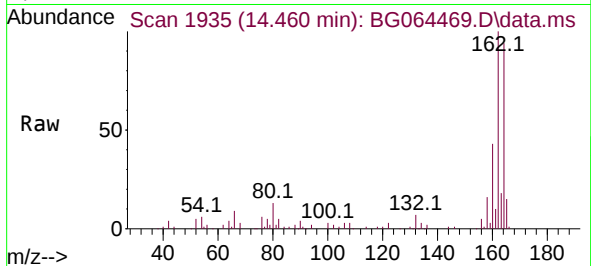
89 2.5 44.6 67.0#



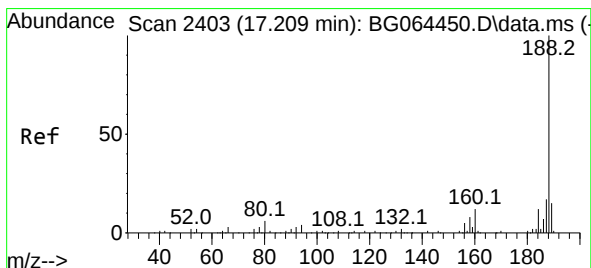
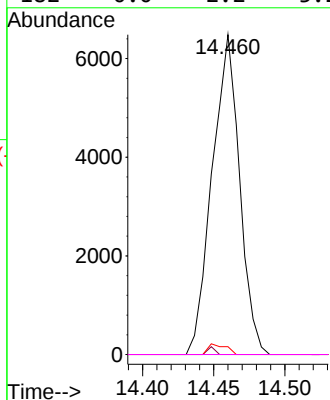
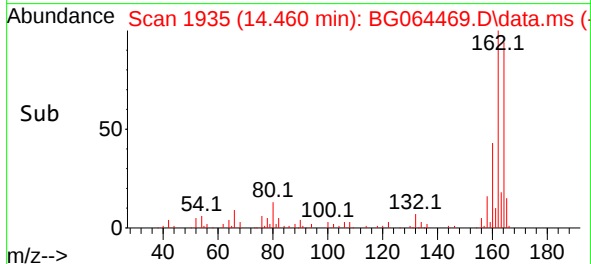


#57
2,4-Dinitrotoluene
Concen: 5.647 ng
RT: 14.460 min Scan# 1997
Delta R.T. -0.364 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22

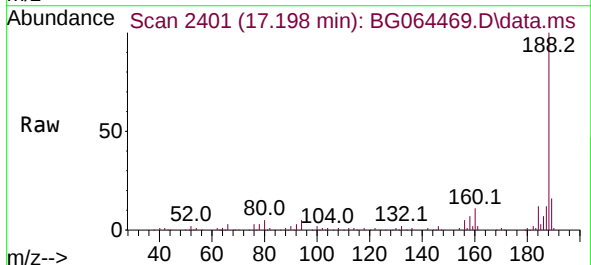
Instrument :
BNA_G
ClientSampleId :
CONC-1DL



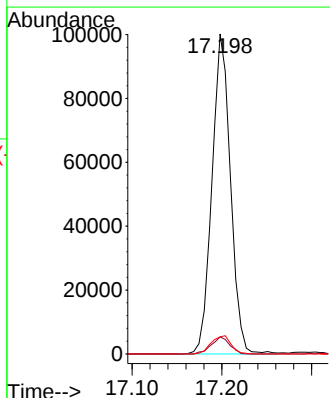
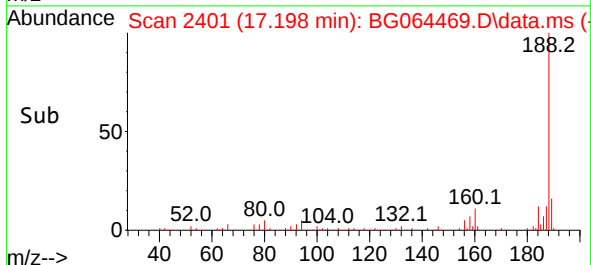
Tgt Ion:165 Resp: 8696
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 2.5 59.7 89.5#
182 0.0 2.2 3.2#

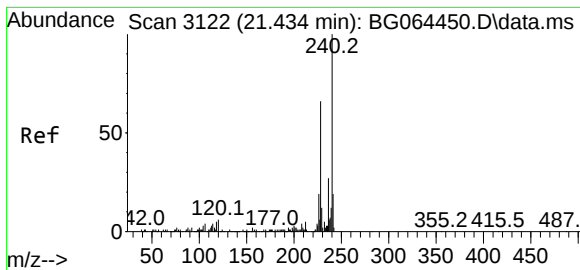


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.198 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BG064469.D
Acq: 29 Sep 2025 21:22



Tgt Ion:188 Resp: 144253
Ion Ratio Lower Upper
188 100
94 5.3 3.0 4.4#
80 5.3 4.9 7.3





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.428 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG064469.D

Acq: 29 Sep 2025 21:22

Instrument :

BNA_G

ClientSampleId :

CONC-1DL

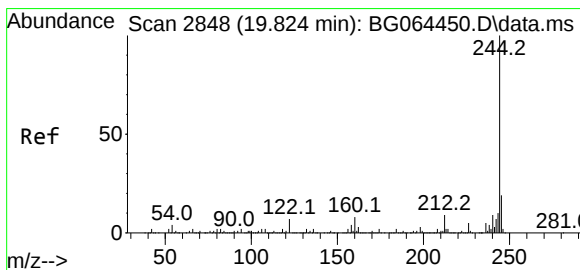
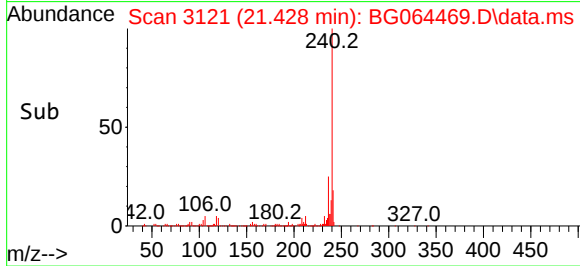
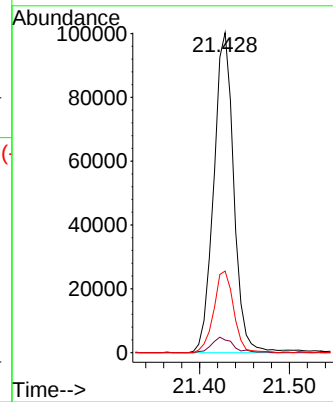
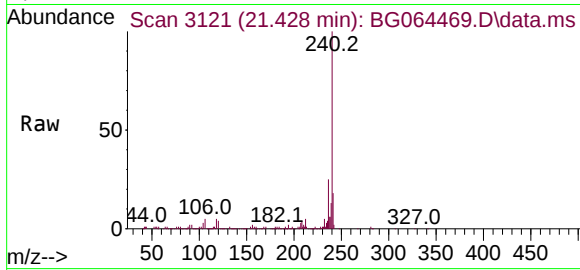
Tgt Ion:240 Resp: 154878

Ion Ratio Lower Upper

240 100

120 3.9 5.0 7.4#

236 25.5 21.9 32.9



#79

Terphenyl-d14

Concen: 12.421 ng

RT: 19.818 min Scan# 2847

Delta R.T. -0.006 min

Lab File: BG064469.D

Acq: 29 Sep 2025 21:22

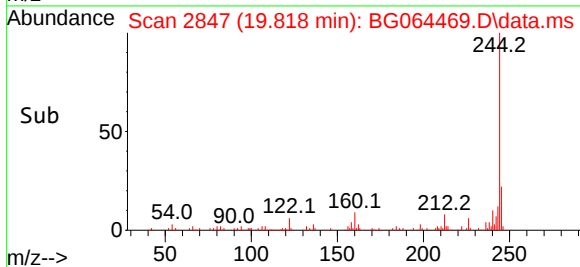
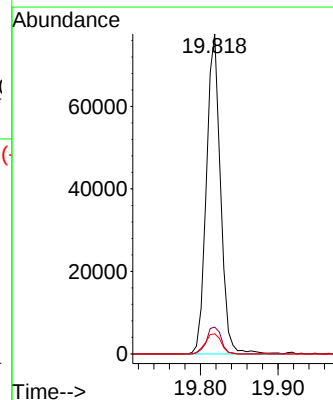
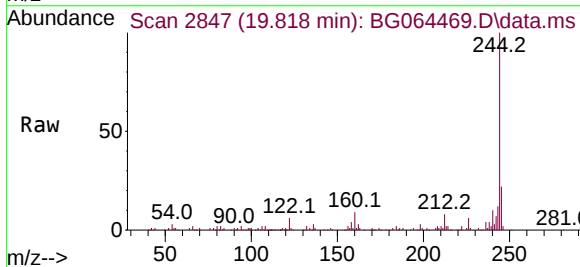
Tgt Ion:244 Resp: 97589

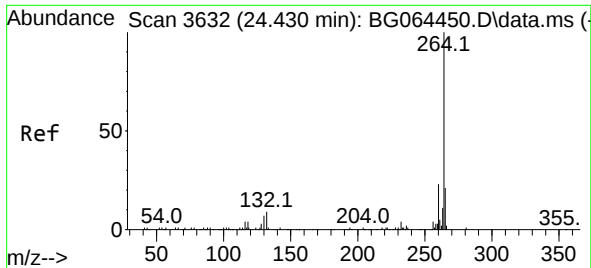
Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

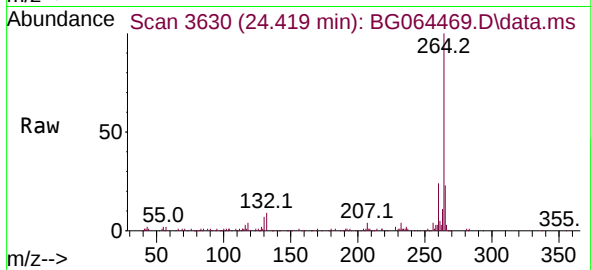
122 6.3 5.7 8.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.419 min Scan# 3630
 Delta R.T. -0.011 min
 Lab File: BG064469.D
 Acq: 29 Sep 2025 21:22

Instrument :
 BNA_G
 ClientSampleId :
 CONC-1DL



Tgt Ion:264 Resp: 173223
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 23.3 16.7 25.1

