

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064237.D
 Acq On : 29 Aug 2025 21:22
 Operator : RC/JU
 Sample : Q2983-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LAW-25-0128

Quant Time: Aug 29 23:22:34 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)

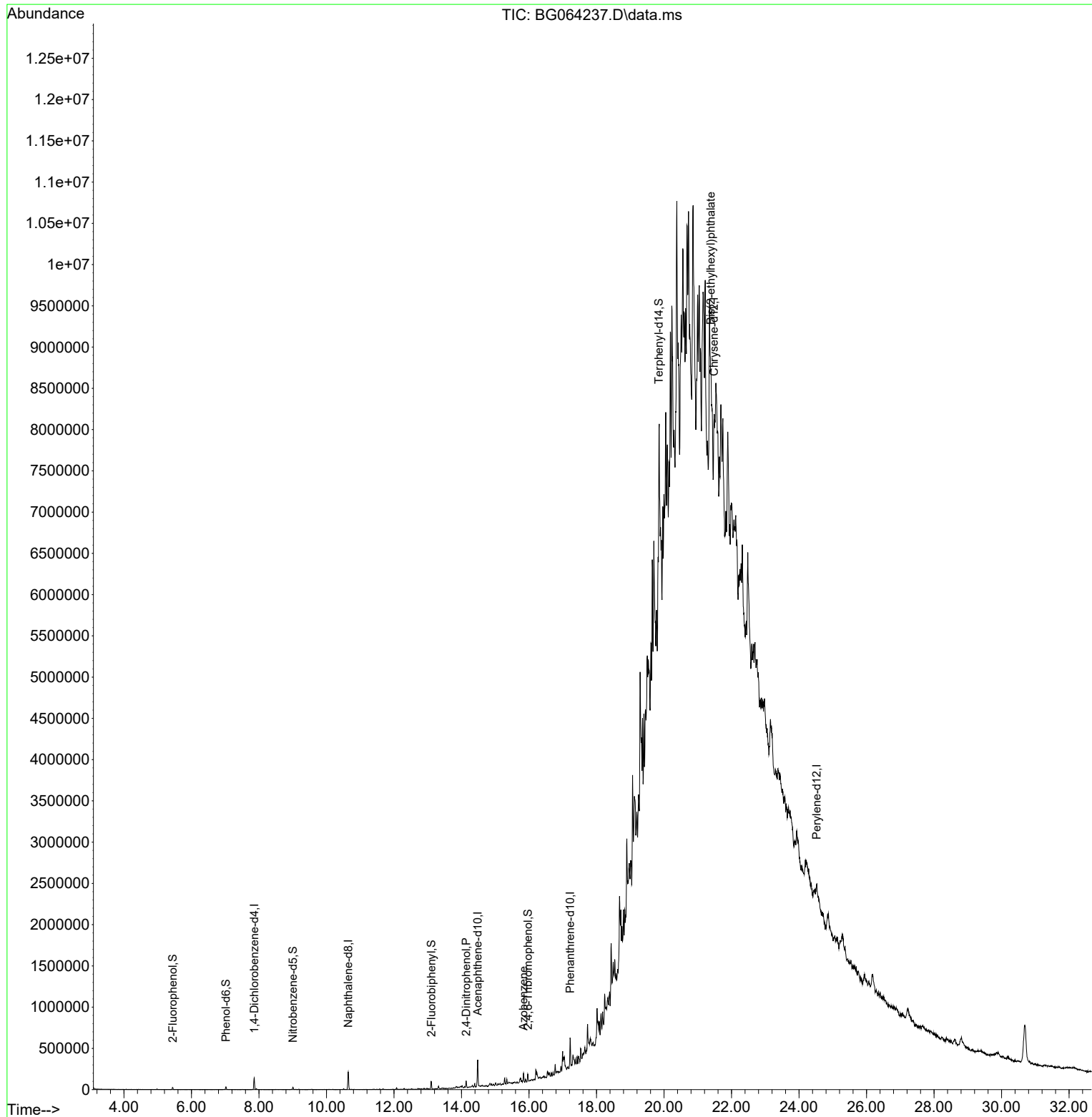
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.859	152	35942	20.000	ng	0.00
21) Naphthalene-d8	10.644	136	167730	20.000	ng	0.00
39) Acenaphthene-d10	14.481	164	108539	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	224727	20.000	ng	0.00
76) Chrysene-d12	21.478	240	183100	20.000	ng	# 0.02
86) Perylene-d12	24.522	264	221577	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.444	112	13026	6.502	ng	0.00
7) Phenol-d6	7.019	99	16745	6.084	ng	-0.01
23) Nitrobenzene-d5	9.005	82	15190	5.051	ng	-0.01
42) 2,4,6-Tribromophenol	15.967	330	9196	6.397	ng	0.00
45) 2-Fluorobiphenyl	13.106	172	46872	6.591	ng	0.00
79) Terphenyl-d14	19.851	244	64905	7.396	ng	0.00
Target Compounds						
						Qvalue
54) 2,4-Dinitrophenol	14.140	184	59	5.704	ng	# 1
63) Azobenzene	15.832	77	25920	3.308	ng	# 14
84) Bis(2-ethylhexyl)phtha...	21.390	149	173516	26.563	ng	# 84

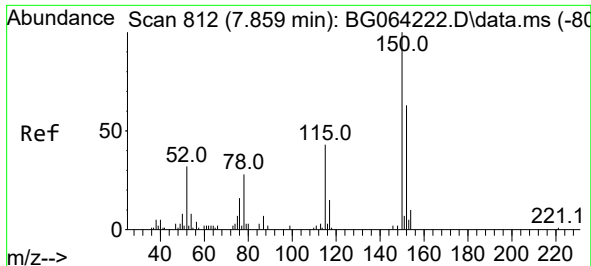
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
Data File : BG064237.D
Acq On : 29 Aug 2025 21:22
Operator : RC/JU
Sample : Q2983-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

Quant Time: Aug 29 23:22:34 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

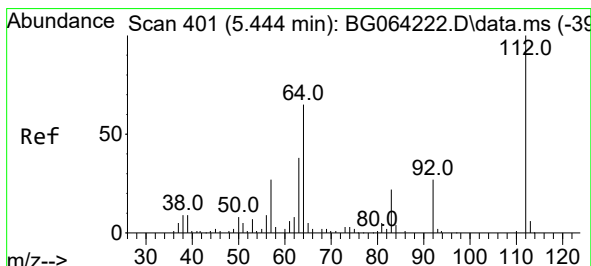
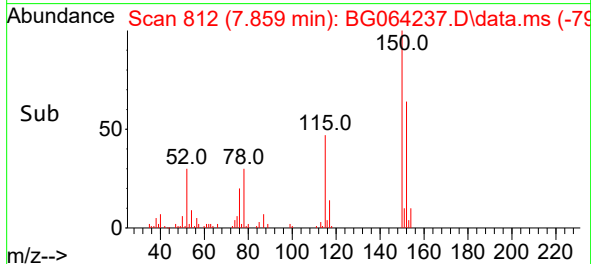
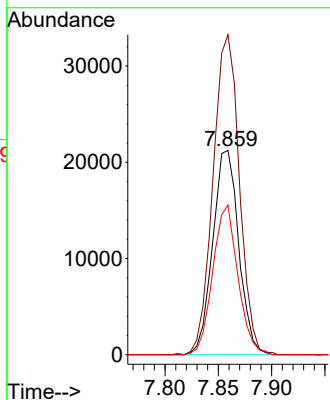
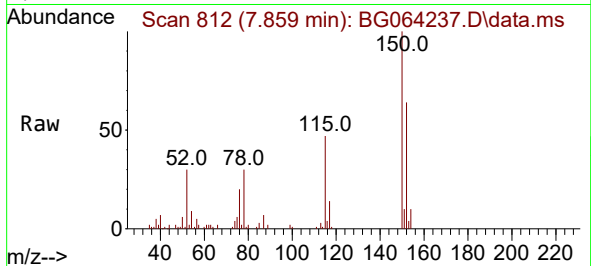




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.859 min Scan# 812
Delta R.T. 0.000 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

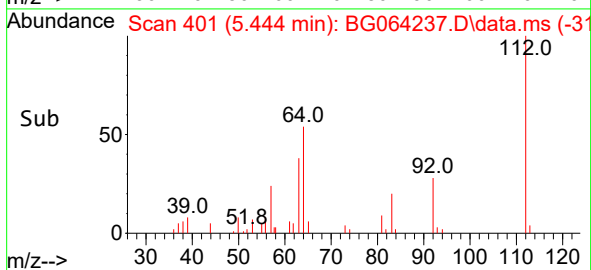
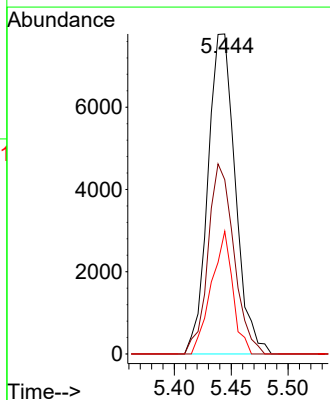
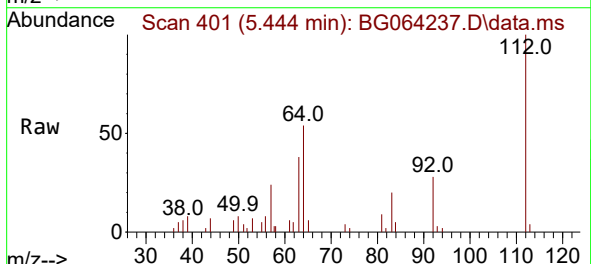
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

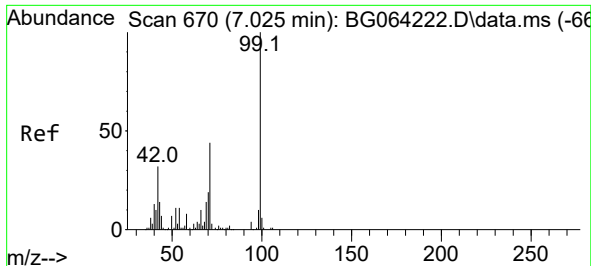
Tgt Ion:152 Resp: 35942
Ion Ratio Lower Upper
152 100
150 156.7 128.0 192.0
115 73.2 55.7 83.5



#5
2-Fluorophenol
Concen: 6.502 ng
RT: 5.444 min Scan# 401
Delta R.T. -0.000 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

Tgt Ion:112 Resp: 13026
Ion Ratio Lower Upper
112 100
64 54.5 51.8 77.6
63 38.3 30.6 45.8

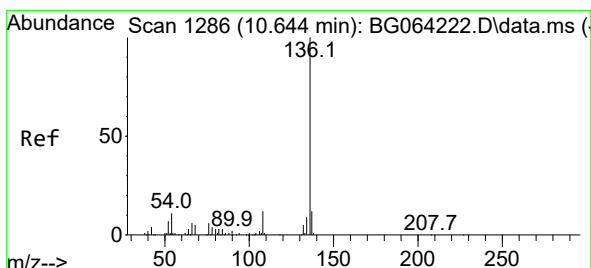
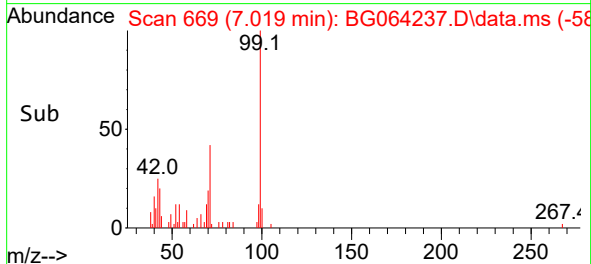
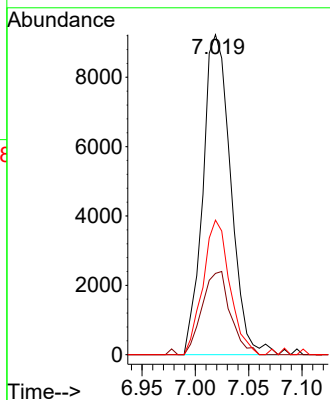
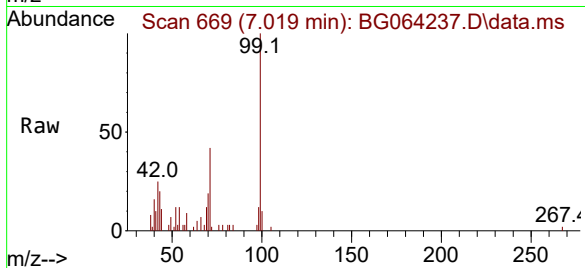




#7
Phenol-d6
Concen: 6.084 ng
RT: 7.019 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

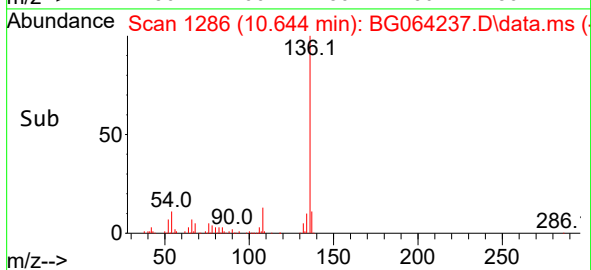
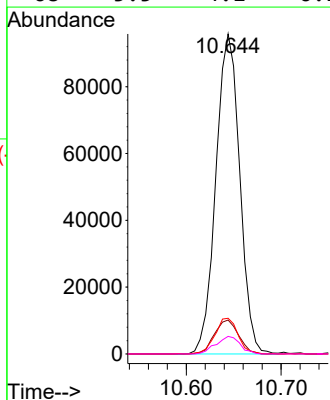
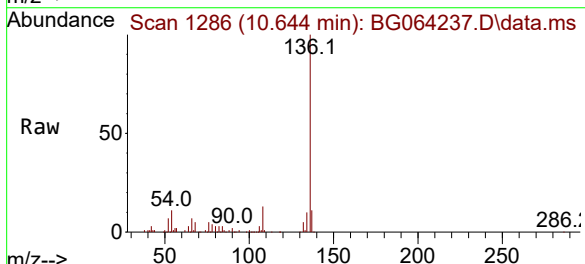
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

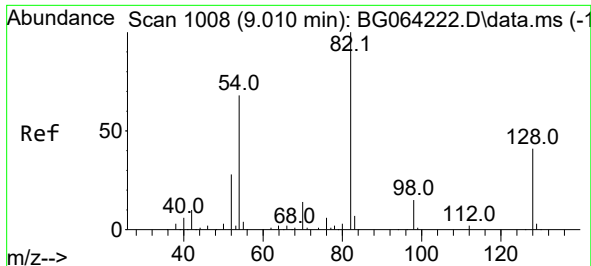
Tgt Ion: 99 Resp: 16745
Ion Ratio Lower Upper
99 100
42 25.4 25.8 38.8#
71 42.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.644 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

Tgt Ion:136 Resp: 167730
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 11.2 8.8 13.2
68 5.5 4.1 6.1





#23
Nitrobenzene-d5
Concen: 5.051 ng
RT: 9.005 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

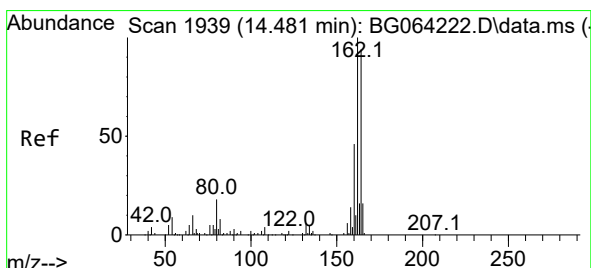
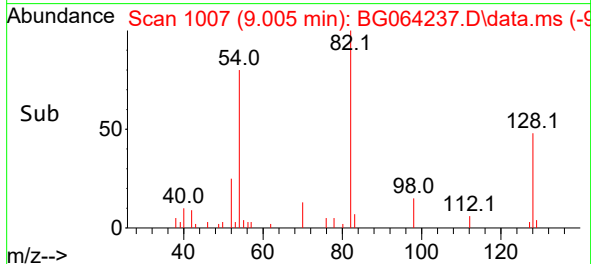
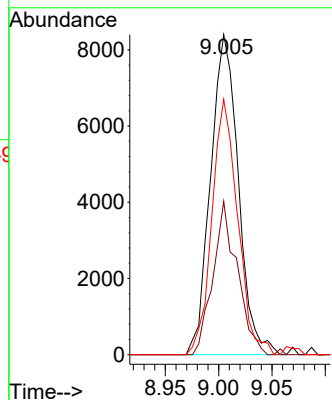
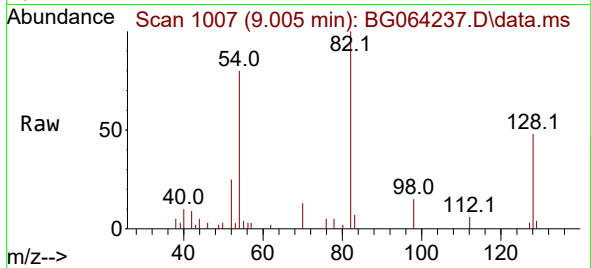
Instrument :

BNA_G

ClientSampleId :

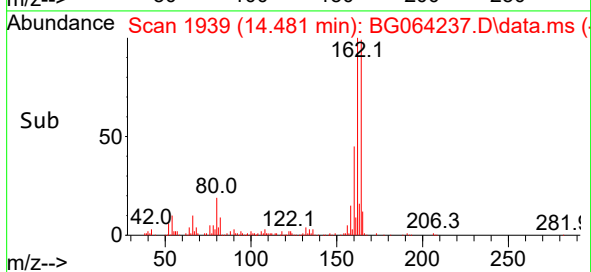
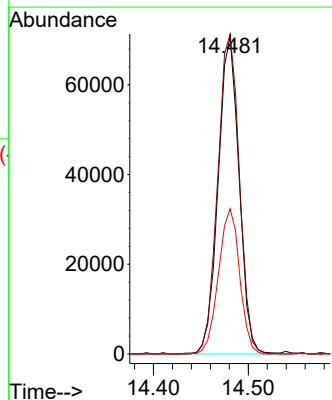
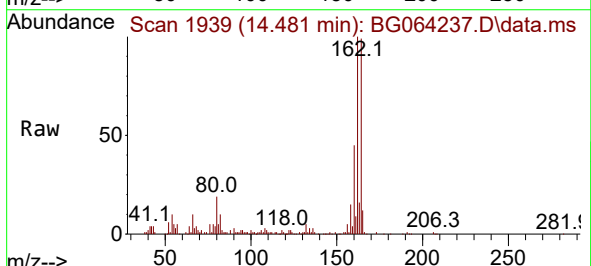
LAW-25-0128

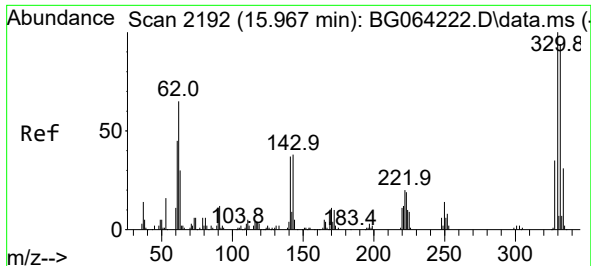
Tgt Ion: 82 Resp: 15190
Ion Ratio Lower Upper
82 100
128 48.0 32.6 48.8
54 79.8 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.481 min Scan# 1939
Delta R.T. -0.000 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

Tgt Ion:164 Resp: 108539
Ion Ratio Lower Upper
164 100
162 100.8 85.4 128.0
160 45.8 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 6.397 ng

RT: 15.967 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG064237.D

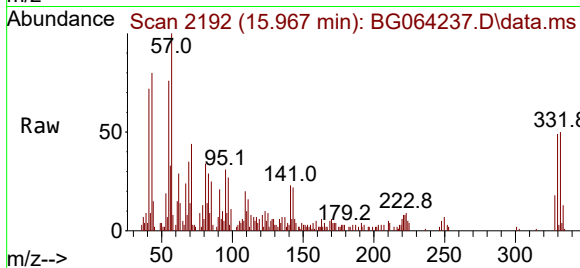
Acq: 29 Aug 2025 21:22

Instrument :

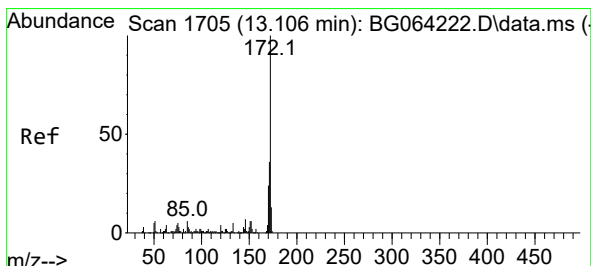
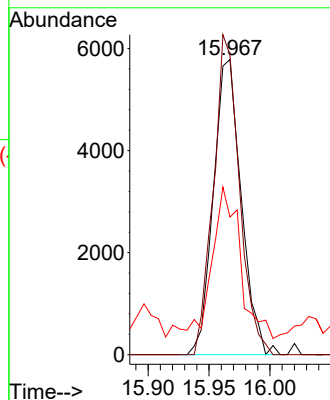
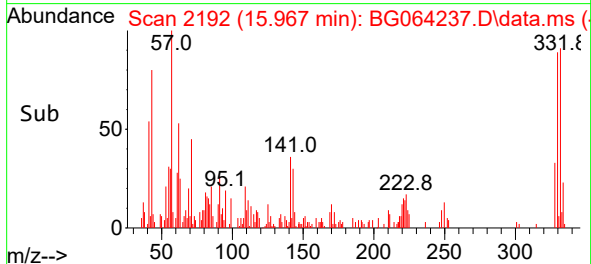
BNA_G

ClientSampleId :

LAW-25-0128



Tgt Ion:	330	Resp:	9196
Ion Ratio	Lower	Upper	
330	100		
332	100.9	77.6	116.4
141	51.0	29.8	44.6#



#45

2-Fluorobiphenyl

Concen: 6.591 ng

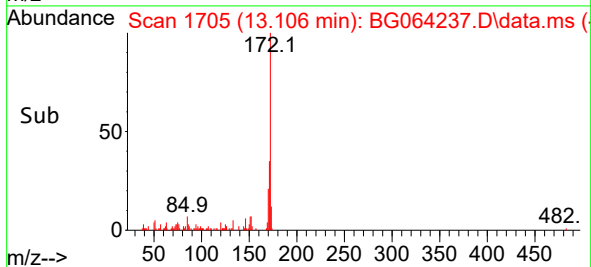
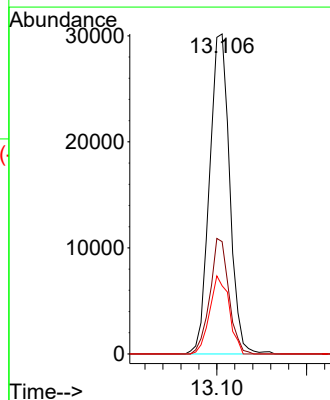
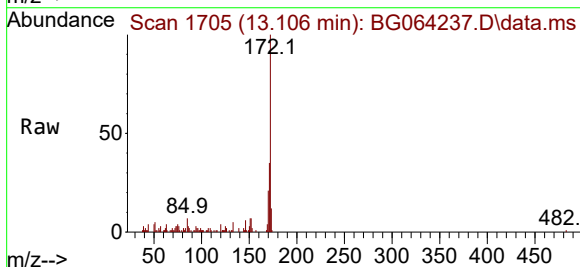
RT: 13.106 min Scan# 1705

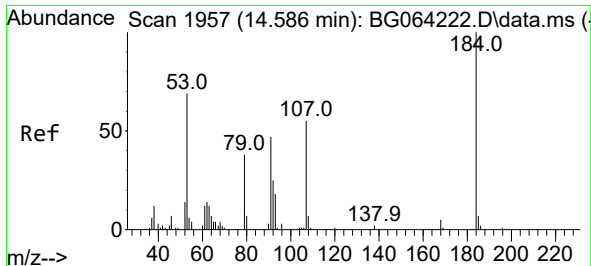
Delta R.T. -0.006 min

Lab File: BG064237.D

Acq: 29 Aug 2025 21:22

Tgt Ion:	172	Resp:	46872
Ion Ratio	Lower	Upper	
172	100		
171	35.1	28.7	43.1
170	21.3	19.0	28.6

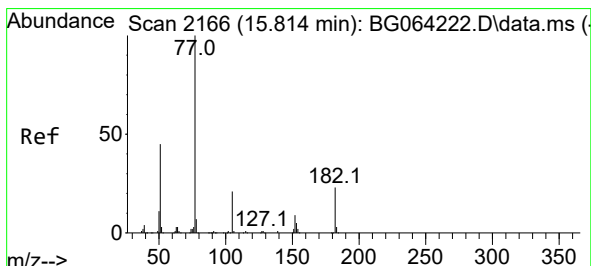
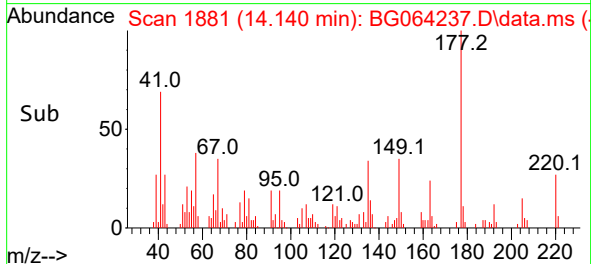
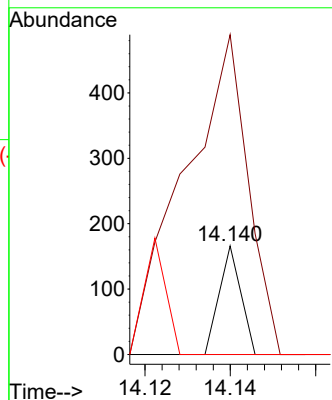
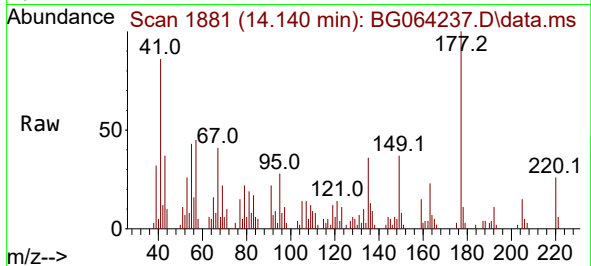




#54
2,4-Dinitrophenol
Concen: 5.704 ng
RT: 14.140 min Scan# 11
Delta R.T. -0.452 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

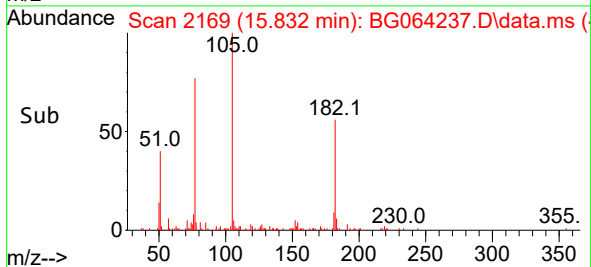
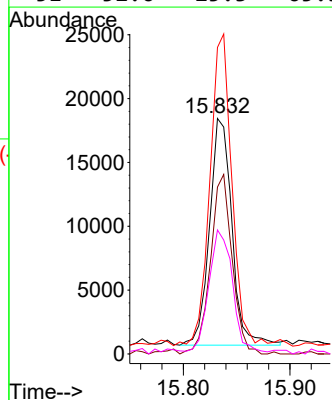
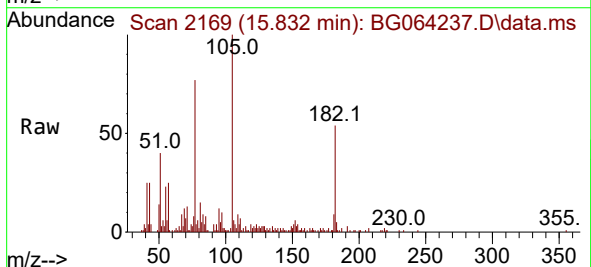
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

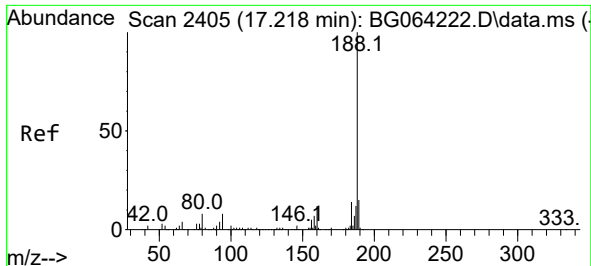
Tgt Ion:184 Resp: 59
Ion Ratio Lower Upper
184 100
63 294.6 60.1 90.1#
154 0.0 59.8 89.8#



#63
Azobenzene
Concen: 3.308 ng
RT: 15.832 min Scan# 2169
Delta R.T. 0.012 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

Tgt Ion: 77 Resp: 25920
Ion Ratio Lower Upper
77 100
182 70.8 3.3 43.3#
105 130.1 0.6 40.6#
51 52.6 25.3 65.3

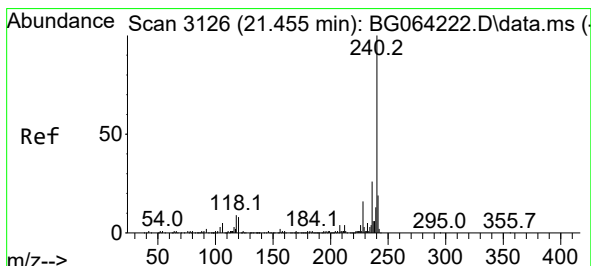
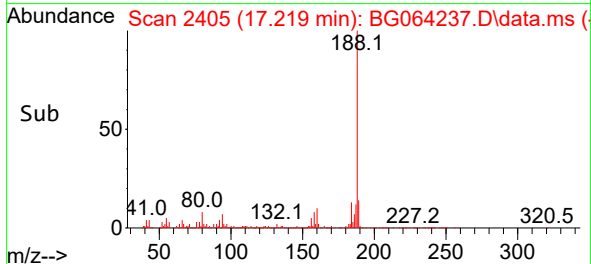
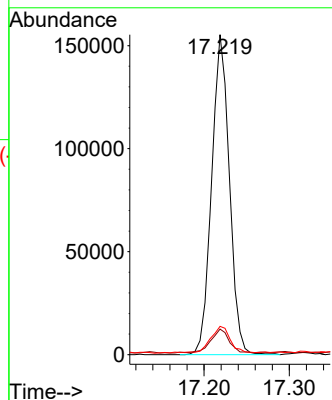
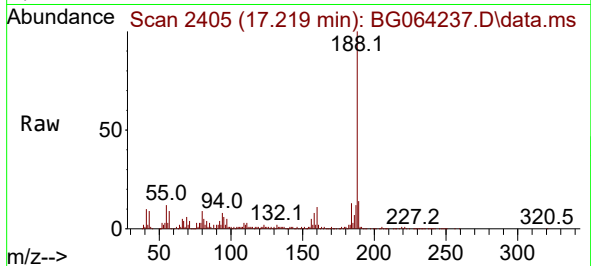




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 2405
Delta R.T. -0.006 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

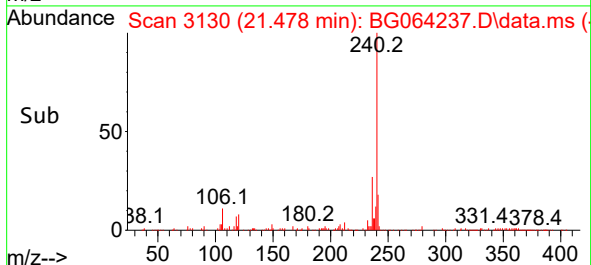
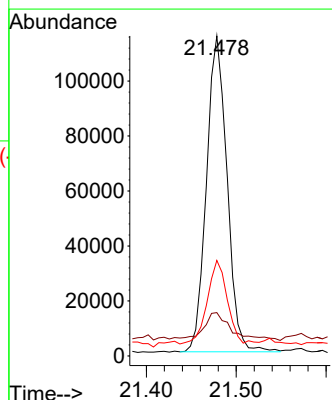
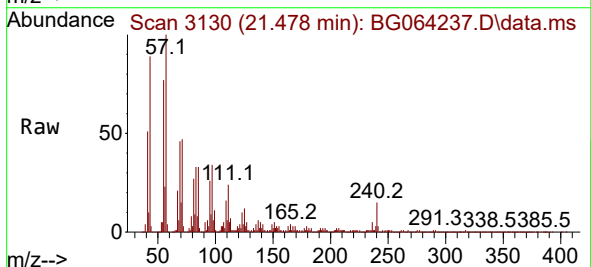
Instrument :
BNA_G
ClientSampleId :
LAW-25-0128

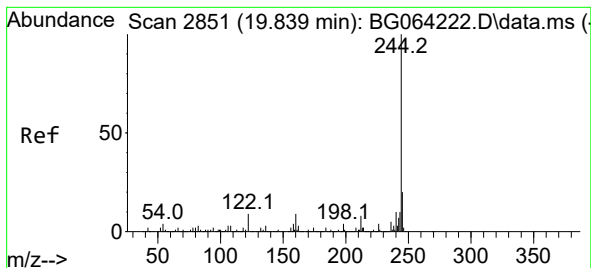
Tgt Ion:188 Resp: 224727
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.4
80 8.8 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.478 min Scan# 3130
Delta R.T. 0.023 min
Lab File: BG064237.D
Acq: 29 Aug 2025 21:22

Tgt Ion:240 Resp: 183100
Ion Ratio Lower Upper
240 100
120 13.6 6.2 9.4#
236 29.8 20.5 30.7





#79

Terphenyl-d14

Concen: 7.396 ng

RT: 19.851 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG064237.D

Acq: 29 Aug 2025 21:22

Instrument :

BNA_G

ClientSampleId :

LAW-25-0128

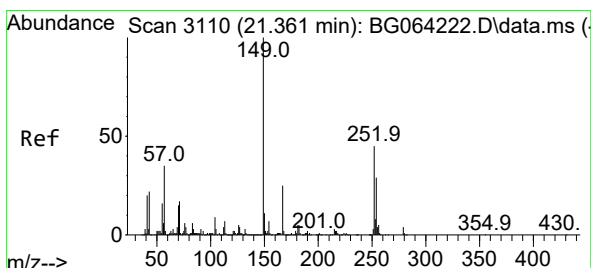
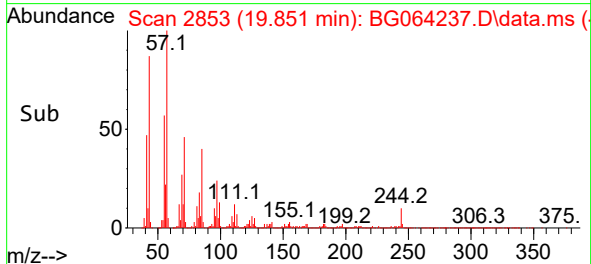
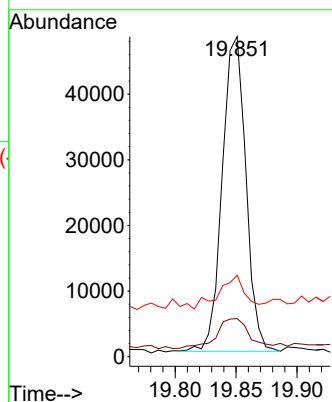
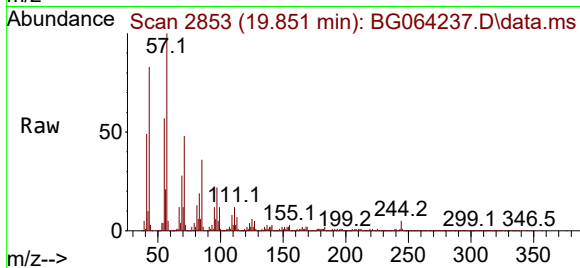
Tgt Ion:244 Resp: 64905

Ion Ratio Lower Upper

244 100

212 11.9 6.6 10.0#

122 25.5 7.0 10.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.563 ng

RT: 21.390 min Scan# 3115

Delta R.T. 0.023 min

Lab File: BG064237.D

Acq: 29 Aug 2025 21:22

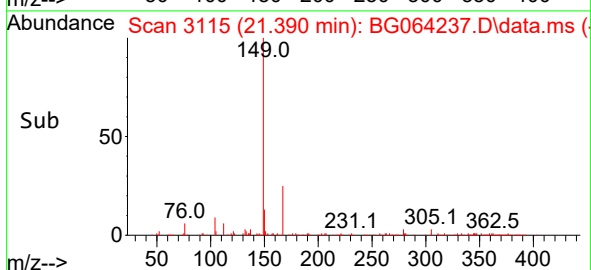
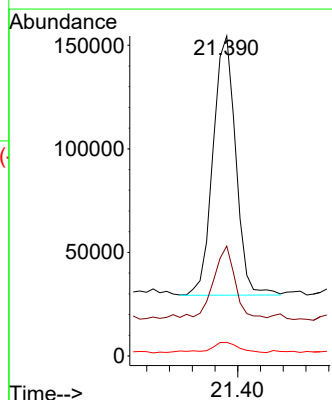
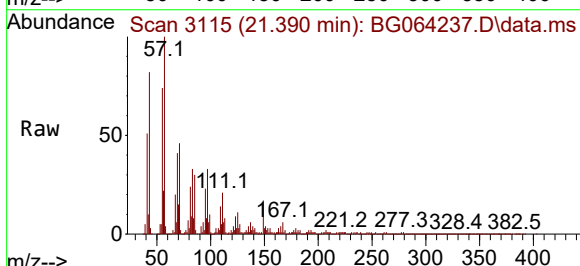
Tgt Ion:149 Resp: 173516

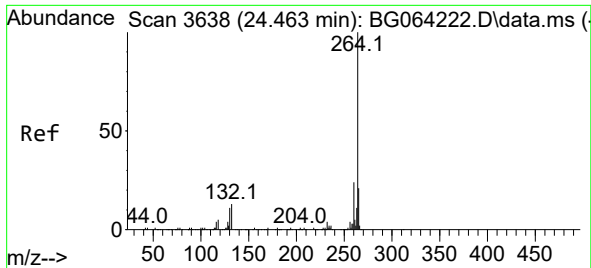
Ion Ratio Lower Upper

149 100

167 34.4 20.0 30.0#

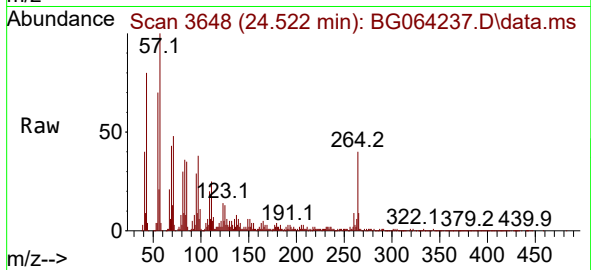
279 4.2 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.522 min Scan# 30
 Delta R.T. 0.059 min
 Lab File: BG064237.D
 Acq: 29 Aug 2025 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LAW-25-0128



Tgt Ion:	264	Resp:	221577
Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.9	28.3
265	22.8	16.7	25.1

