

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082925\
 Data File : BG064236.D
 Acq On : 29 Aug 2025 20:41
 Operator : RC/JU
 Sample : Q2982-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-25-0236

Quant Time: Aug 29 23:22:20 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)

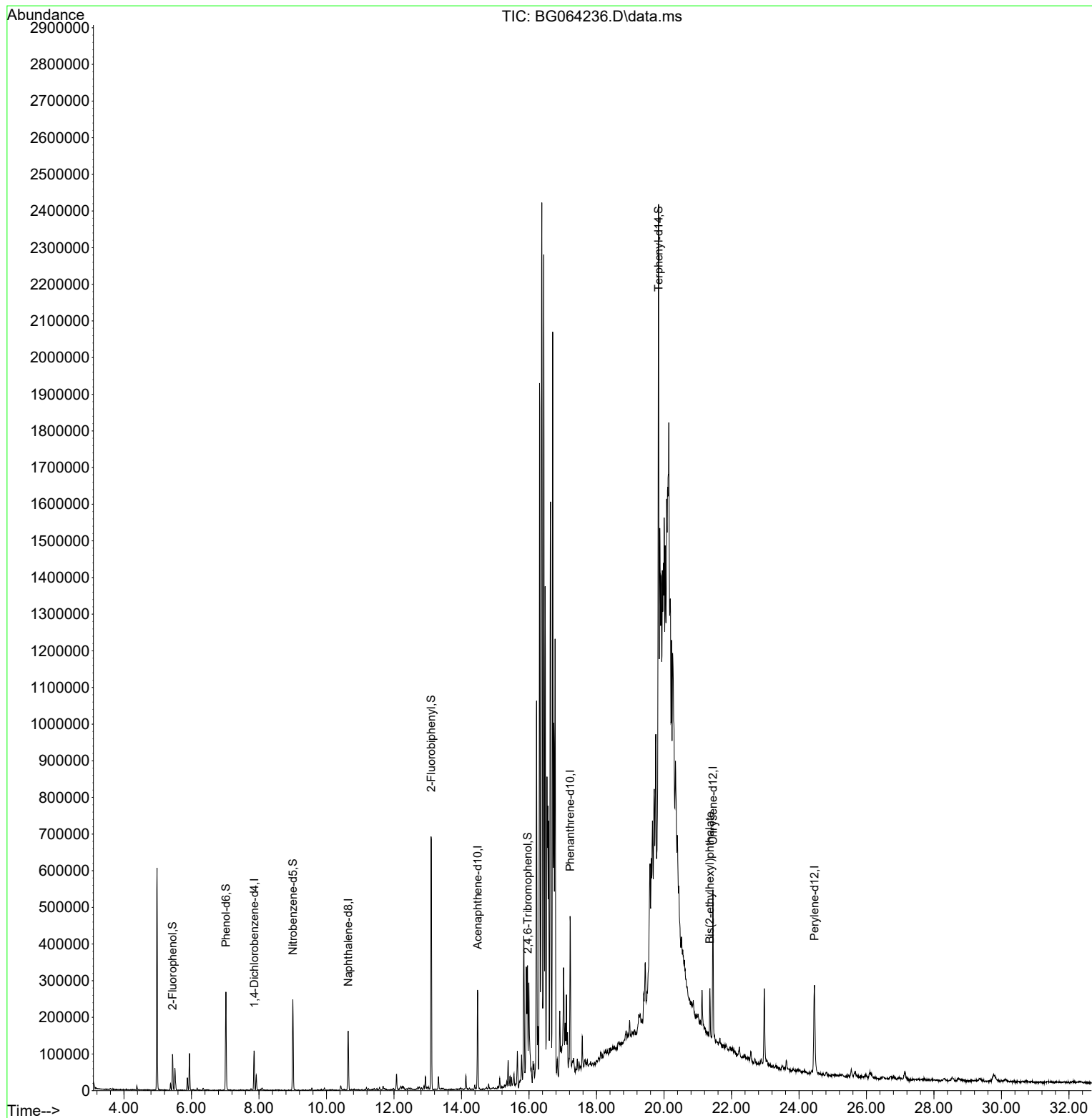
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	26369	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	124637	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	92350	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	216902	20.000	ng	0.00
76) Chrysene-d12	21.450	240	228335	20.000	ng	# 0.00
86) Perylene-d12	24.459	264	240867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	39702	27.012	ng	0.00
7) Phenol-d6	7.020	99	128268	63.524	ng	-0.01
23) Nitrobenzene-d5	9.006	82	128531	57.513	ng	-0.01
42) 2,4,6-Tribromophenol	15.963	330	8845	7.231	ng	-0.01
45) 2-Fluorobiphenyl	13.101	172	348919	57.669	ng	-0.01
79) Terphenyl-d14	19.840	244	634203	57.949	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	21.362	149	56253	6.906	ng	Qvalue 95

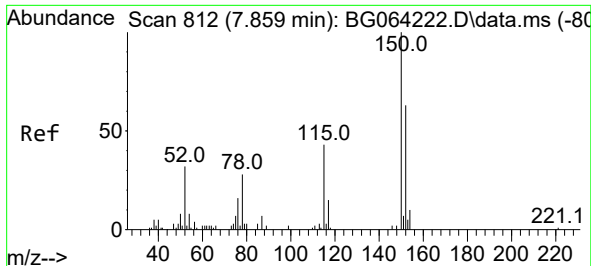
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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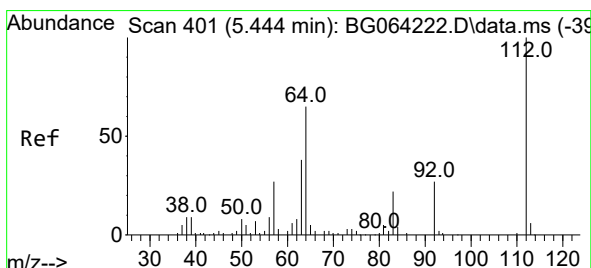
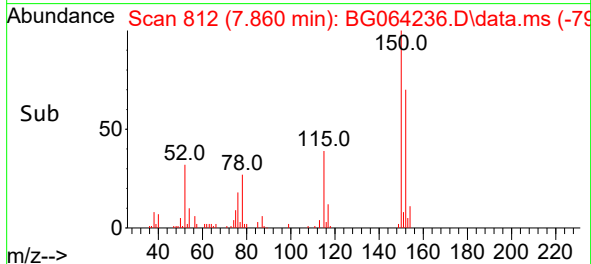
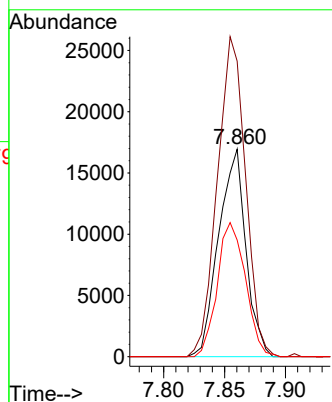
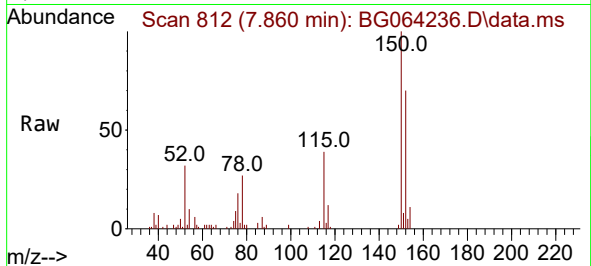




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.860 min Scan# 812
Delta R.T. 0.001 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

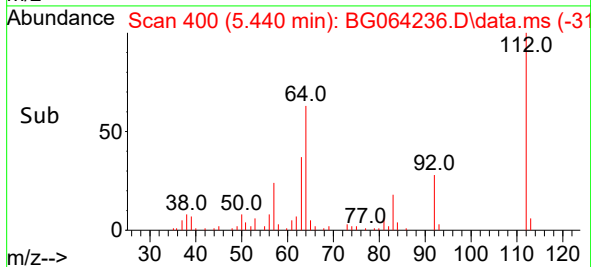
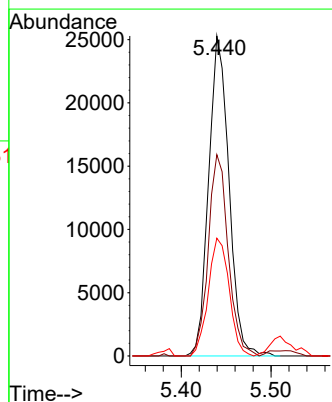
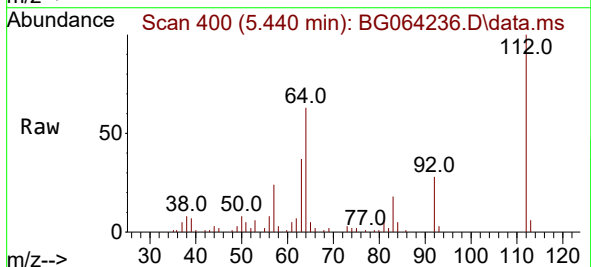
Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

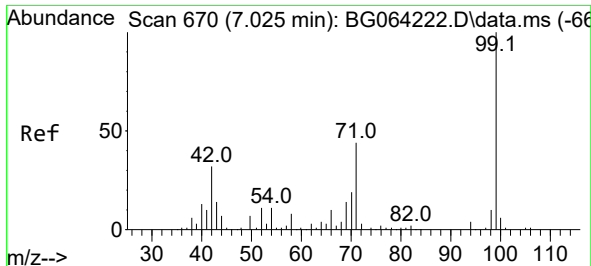
Tgt Ion:152 Resp: 26369
Ion Ratio Lower Upper
152 100
150 142.4 128.0 192.0
115 56.2 55.7 83.5



#5
2-Fluorophenol
Concen: 27.012 ng
RT: 5.440 min Scan# 400
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:112 Resp: 39702
Ion Ratio Lower Upper
112 100
64 62.9 51.8 77.6
63 36.8 30.6 45.8

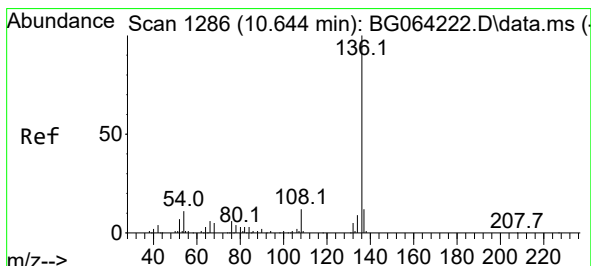
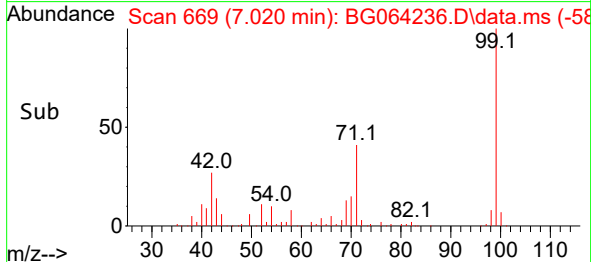
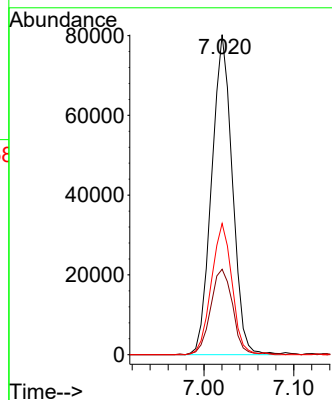
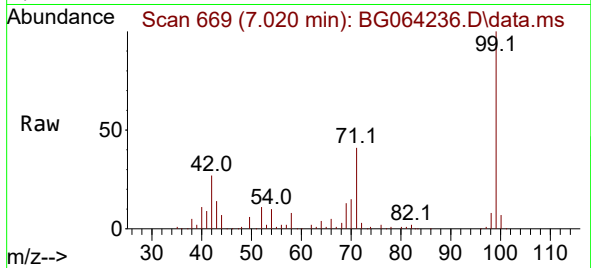




#7
Phenol-d6
Concen: 63.524 ng
RT: 7.020 min Scan# 609
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

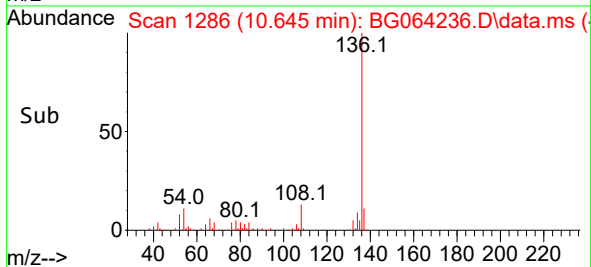
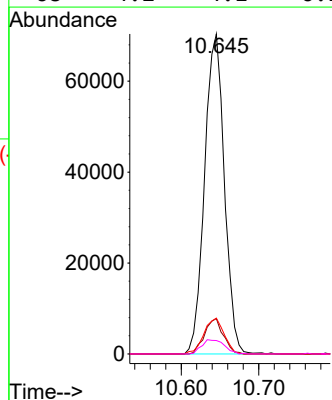
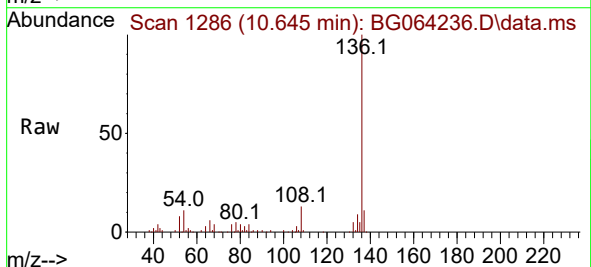
Instrument :
BNA_G
ClientSampleId :
MOO-25-0236

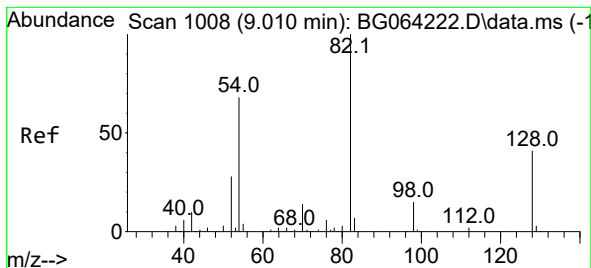
Tgt Ion: 99 Resp: 128268
Ion Ratio Lower Upper
99 100
42 26.7 25.8 38.8
71 41.0 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:136 Resp: 124637
Ion Ratio Lower Upper
136 100
137 11.1 9.6 14.4
54 11.2 8.8 13.2
68 4.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 57.513 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064236.D

Acq: 29 Aug 2025 20:41

Instrument :

BNA_G

ClientSampleId :

MOO-25-0236

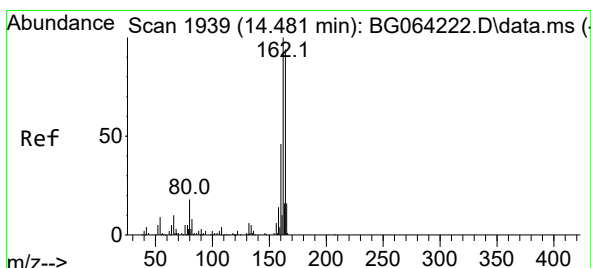
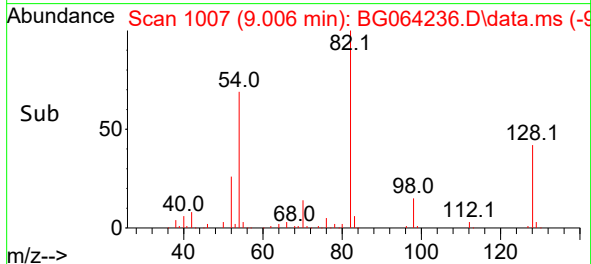
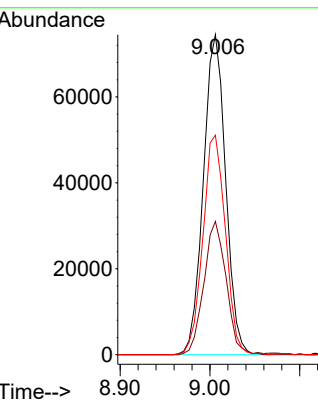
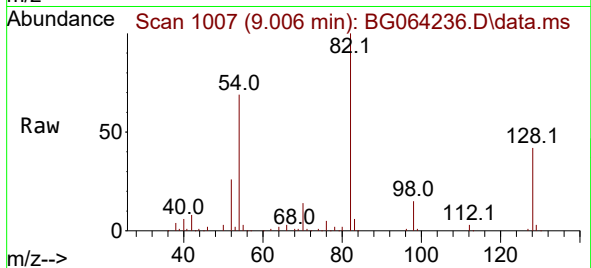
Tgt Ion: 82 Resp: 128531

Ion Ratio Lower Upper

82 100

128 41.7 32.6 48.8

54 68.6 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.482 min Scan# 1939

Delta R.T. 0.001 min

Lab File: BG064236.D

Acq: 29 Aug 2025 20:41

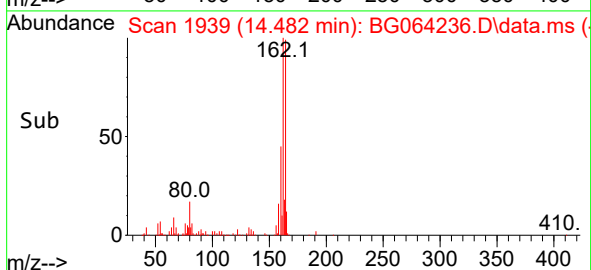
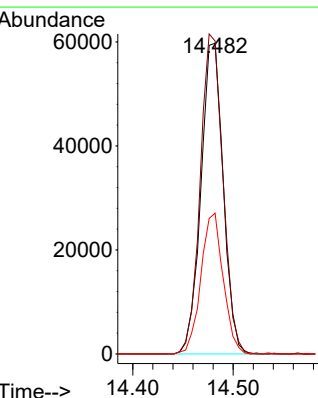
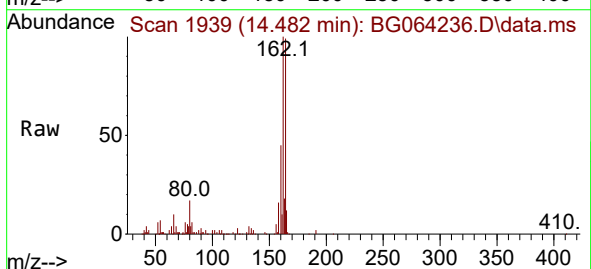
Tgt Ion:164 Resp: 92350

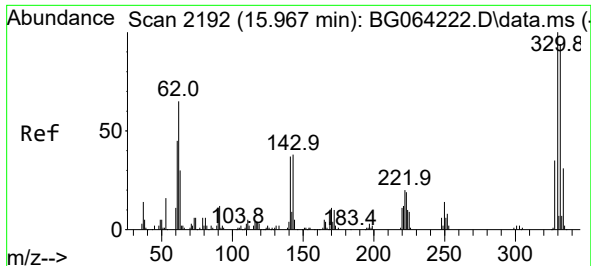
Ion Ratio Lower Upper

164 100

162 100.7 85.4 128.0

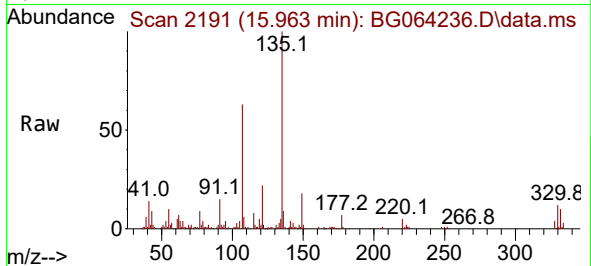
160 45.3 39.2 58.8



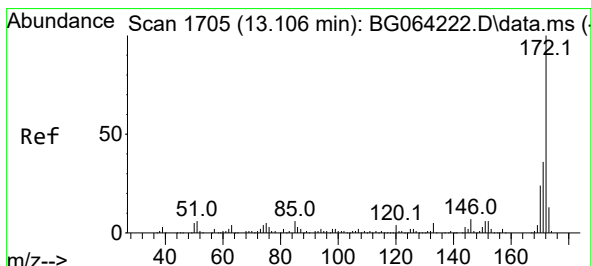
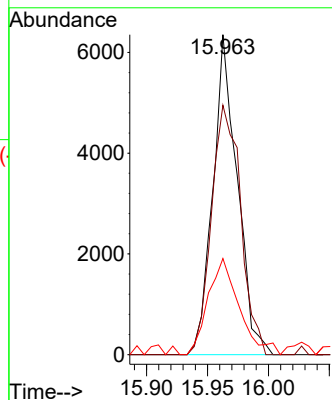
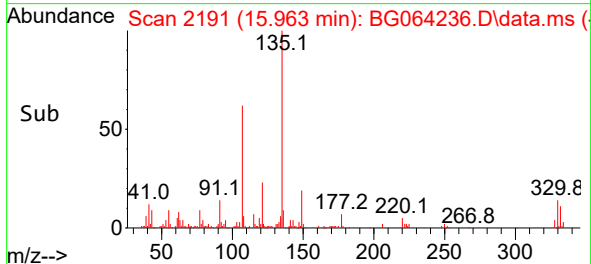


#42
2,4,6-Tribromophenol
Concen: 7.231 ng
RT: 15.963 min Scan# 2192
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

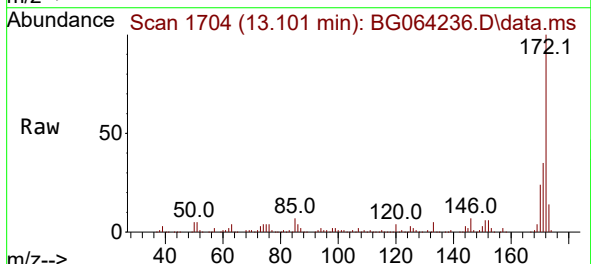
Instrument :
BNA_G
ClientSampleId :
MOO-25-0236



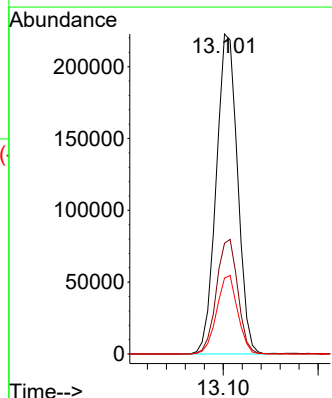
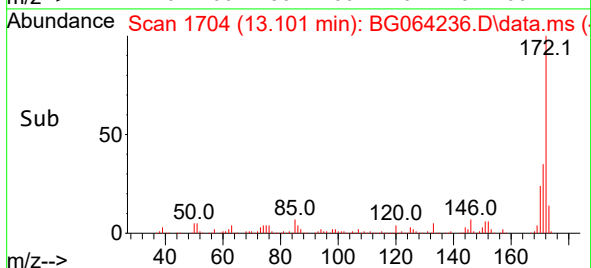
Tgt Ion:330 Resp: 8845
Ion Ratio Lower Upper
330 100
332 93.4 77.6 116.4
141 38.3 29.8 44.6

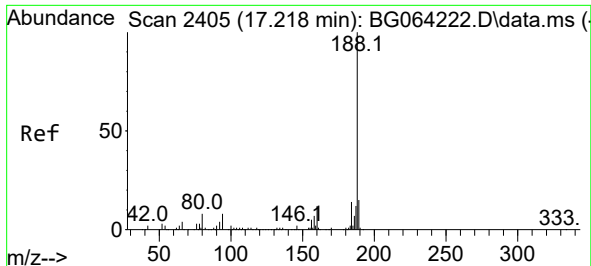


#45
2-Fluorobiphenyl
Concen: 57.669 ng
RT: 13.101 min Scan# 1704
Delta R.T. -0.011 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41



Tgt Ion:172 Resp: 348919
Ion Ratio Lower Upper
172 100
171 34.6 28.7 43.1
170 23.7 19.0 28.6

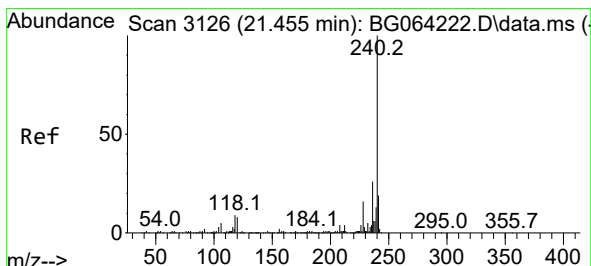
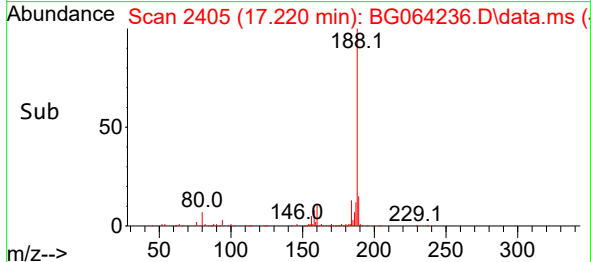
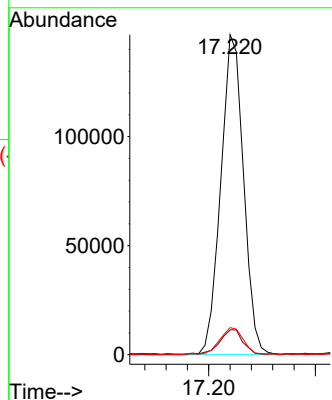
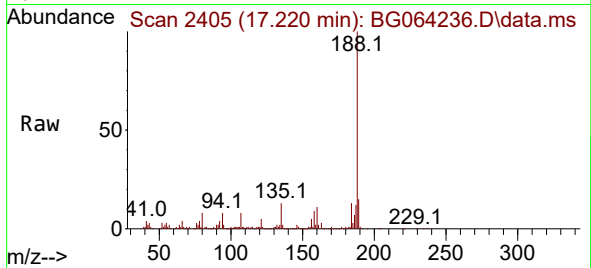




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 24
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

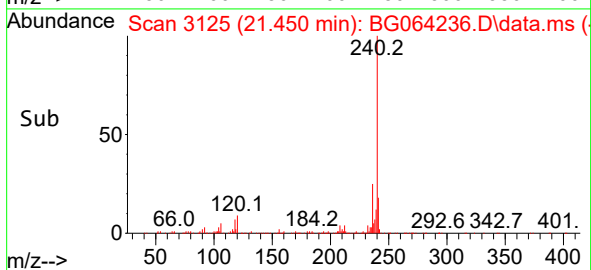
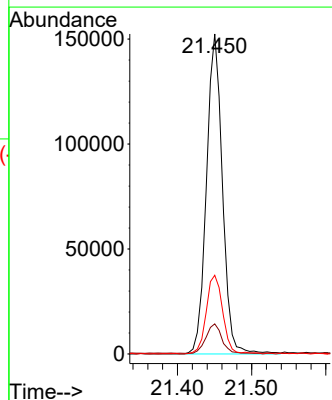
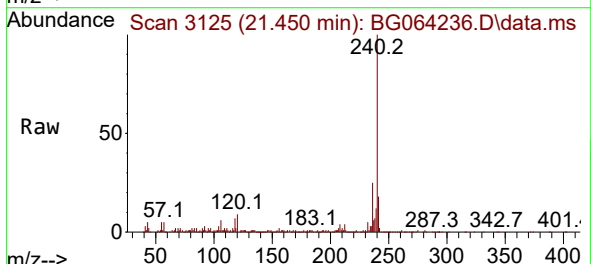
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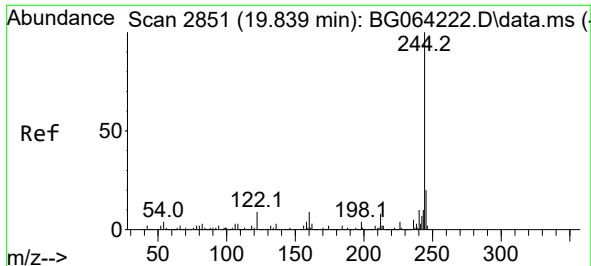
Tgt Ion:188 Resp: 216902
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.4
80 8.5 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3125
Delta R.T. -0.005 min
Lab File: BG064236.D
Acq: 29 Aug 2025 20:41

Tgt Ion:240 Resp: 228335
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.4#
236 24.6 20.5 30.7

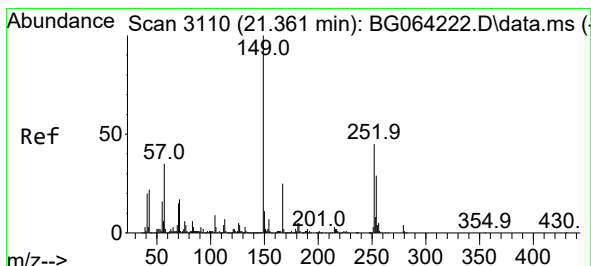
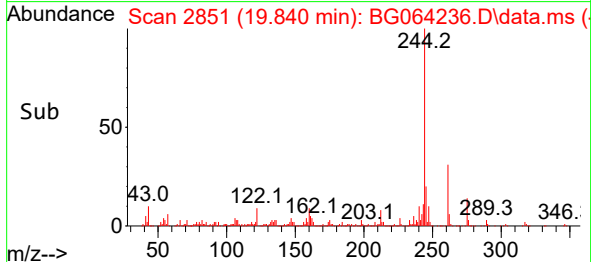
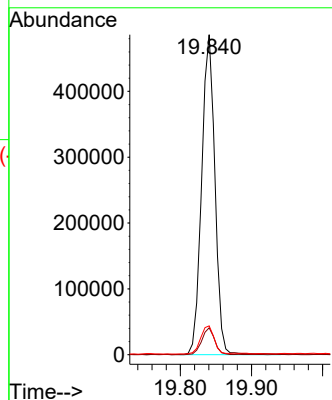
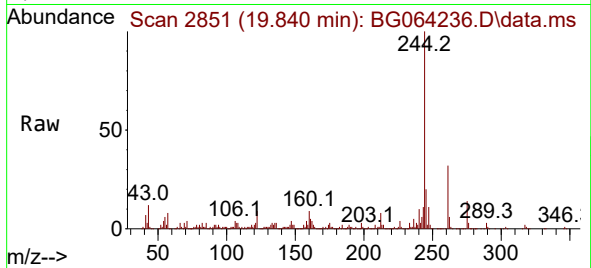




#79
 Terphenyl-d14
 Concen: 57.949 ng
 RT: 19.840 min Scan# 2851
 Delta R.T. -0.005 min
 Lab File: BG064236.D
 Acq: 29 Aug 2025 20:41

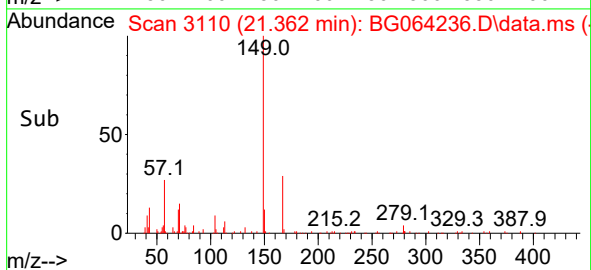
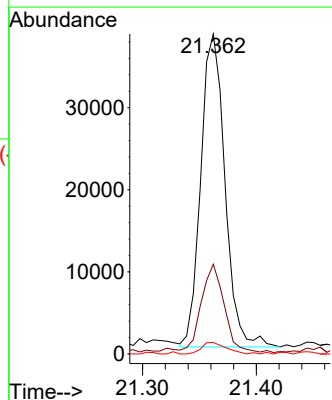
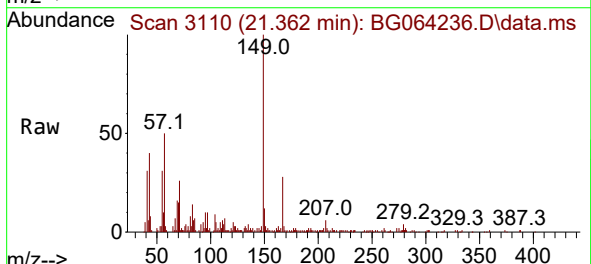
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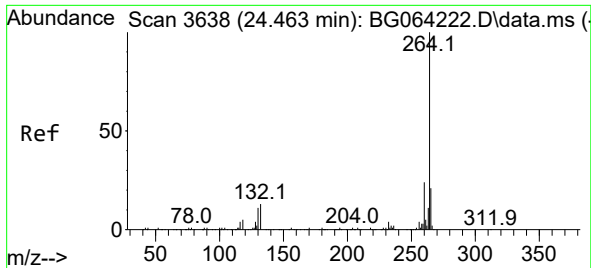
Tgt Ion:244 Resp: 634203
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.6 10.0
 122 9.0 7.0 10.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 6.906 ng
 RT: 21.362 min Scan# 3110
 Delta R.T. -0.005 min
 Lab File: BG064236.D
 Acq: 29 Aug 2025 20:41

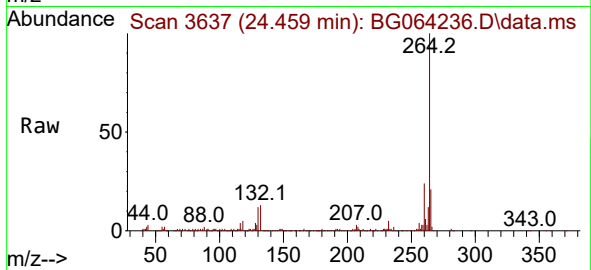
Tgt Ion:149 Resp: 56253
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.0 30.0
 279 3.6 3.0 4.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.459 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG064236.D
 Acq: 29 Aug 2025 20:41

Instrument :
 BNA_G
 ClientSampleId :
 MOO-25-0236



Tgt Ion:264 Resp: 240867
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.9 28.3
 265 20.9 16.7 25.1

