

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082825\
 Data File : BG064227.D
 Acq On : 28 Aug 2025 19:00
 Operator : RC/JU
 Sample : PB169325TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169325TB

Quant Time: Aug 28 19:52:54 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	7.854	152	26730	20.000	ng	0.00
21) Naphthalene-d8	10.645	136	115252	20.000	ng	0.00
39) Acenaphthene-d10	14.482	164	84665	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	219547	20.000	ng	0.00
76) Chrysene-d12	21.444	240	240333	20.000	ng	-0.01
86) Perylene-d12	24.458	264	252565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	224355	150.585	ng	0.00
7) Phenol-d6	7.026	99	283968	138.734	ng	0.00
23) Nitrobenzene-d5	9.006	82	198440	96.025	ng	-0.01
42) 2,4,6-Tribromophenol	15.968	330	162767	145.143	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	500380	90.209	ng	0.00
79) Terphenyl-d14	19.840	244	1072423	93.098	ng	0.00

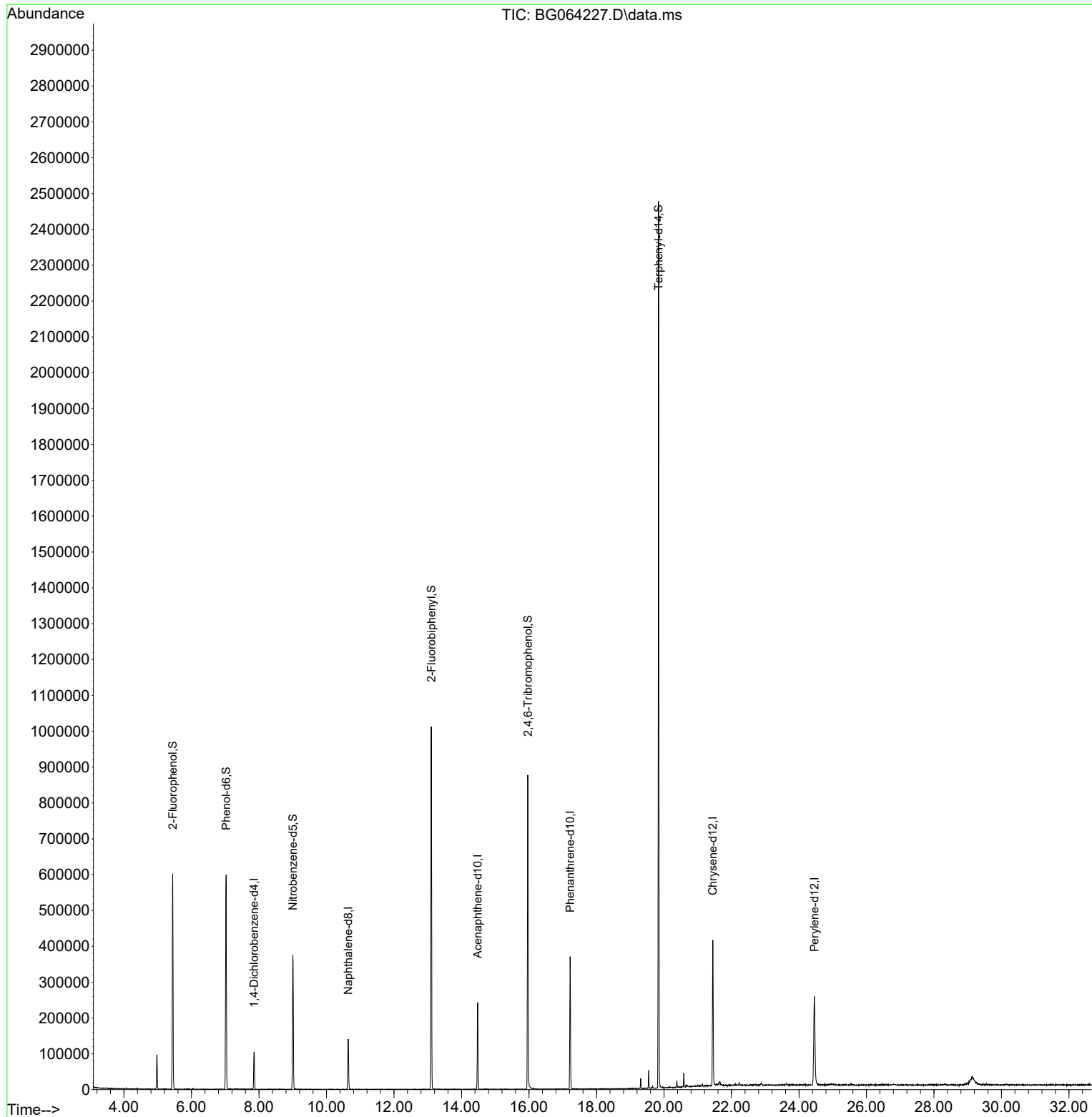
Target Compounds	Qvalue

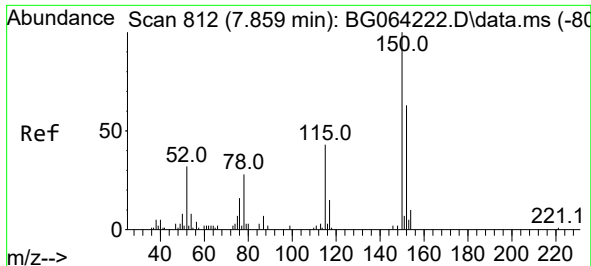
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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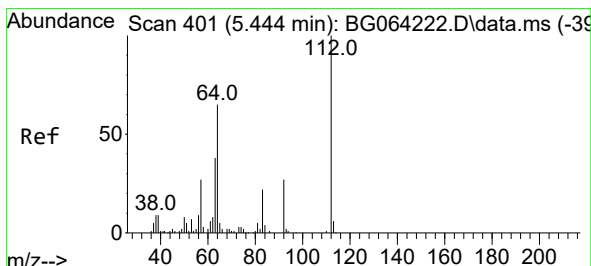
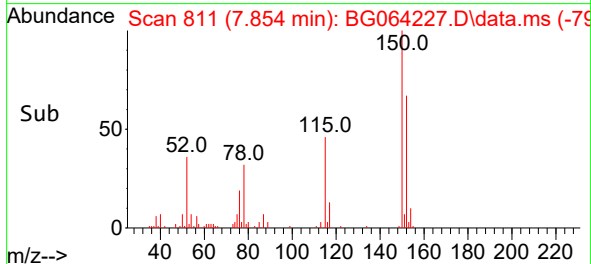
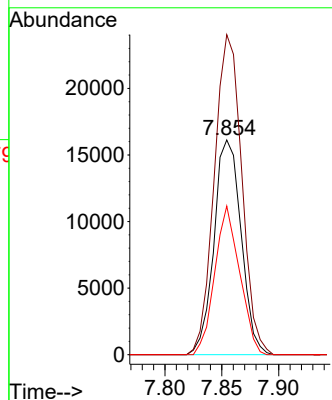
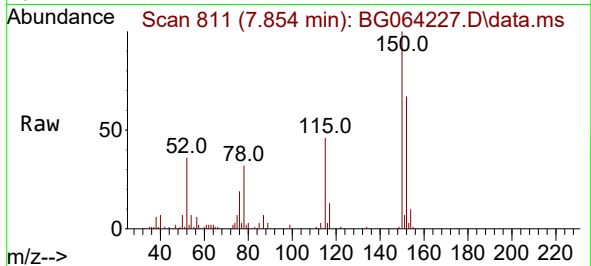




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.854 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

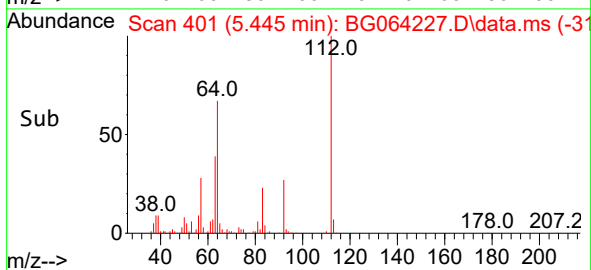
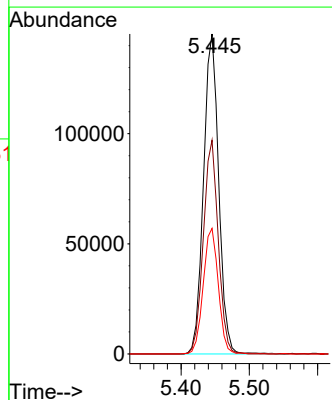
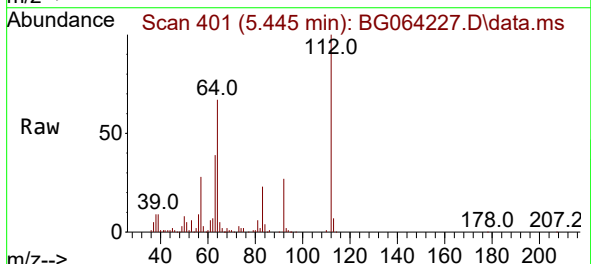
Instrument :
BNA_G
ClientSampleId :
PB169325TB

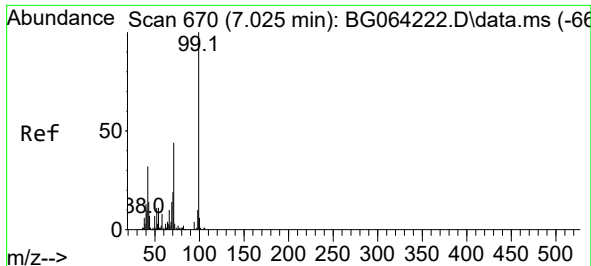
Tgt Ion:152 Resp: 26730
Ion Ratio Lower Upper
152 100
150 149.0 128.0 192.0
115 69.2 55.7 83.5



#5
2-Fluorophenol
Concen: 150.585 ng
RT: 5.445 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:112 Resp: 224355
Ion Ratio Lower Upper
112 100
64 66.8 51.8 77.6
63 39.3 30.6 45.8

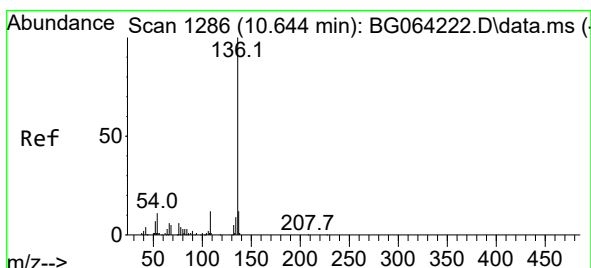
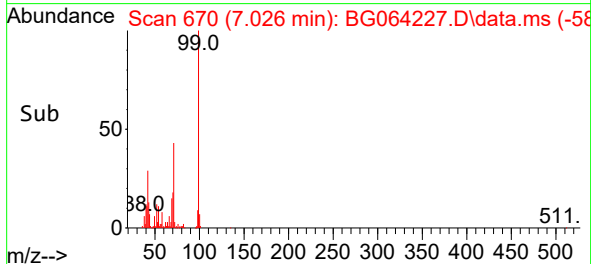
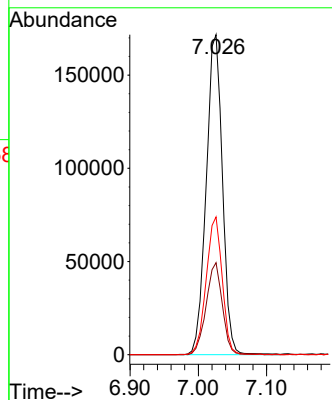
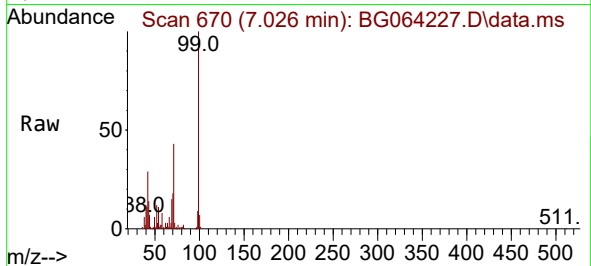




#7
Phenol-d6
Concen: 138.734 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

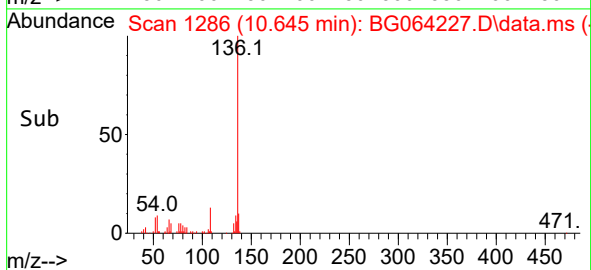
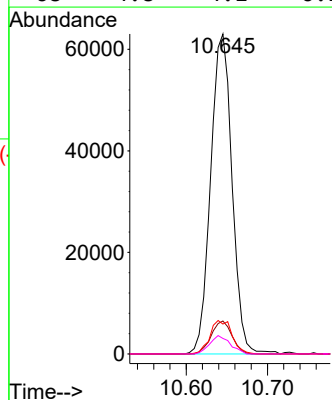
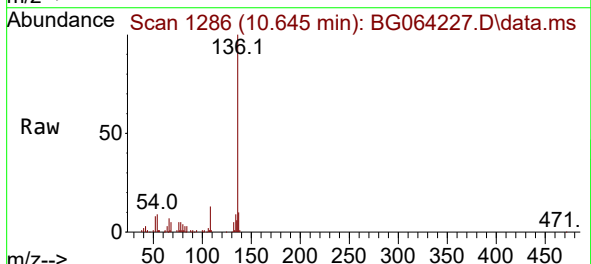
Instrument :
BNA_G
ClientSampleId :
PB169325TB

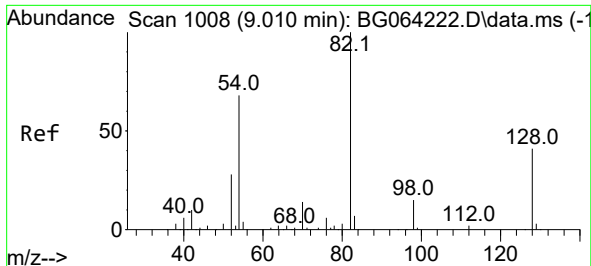
Tgt Ion: 99 Resp: 283968
Ion Ratio Lower Upper
99 100
42 28.8 25.8 38.8
71 43.1 35.2 52.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.645 min Scan# 1286
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:136 Resp: 115252
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 9.3 8.8 13.2
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 96.025 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.011 min

Lab File: BG064227.D

Acq: 28 Aug 2025 19:00

Instrument :

BNA_G

ClientSampleId :

PB169325TB

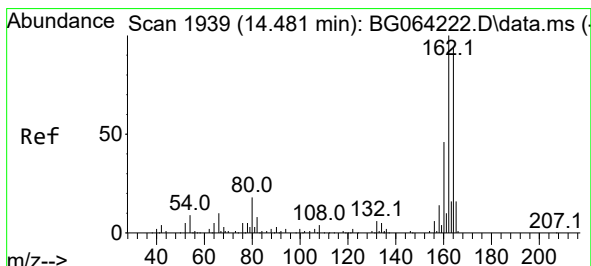
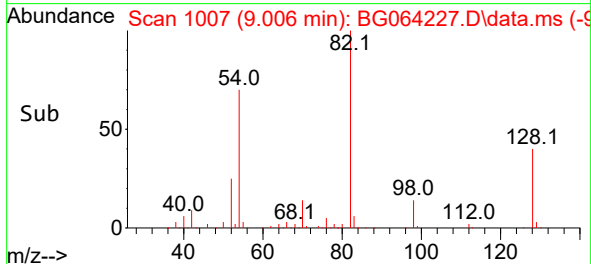
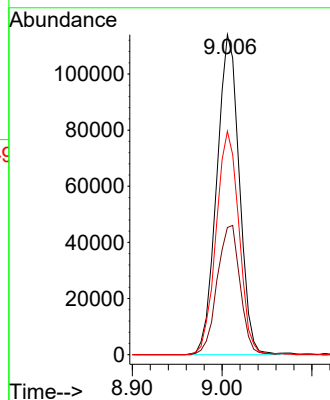
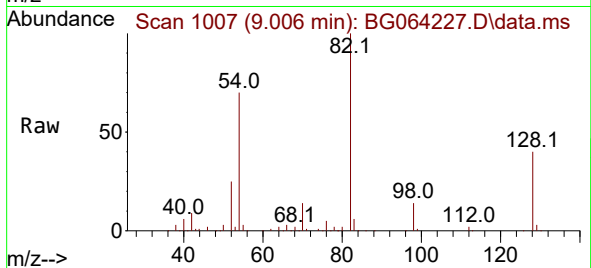
Tgt Ion: 82 Resp: 198440

Ion Ratio Lower Upper

82 100

128 39.8 32.6 48.8

54 69.8 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: BG064227.D

Acq: 28 Aug 2025 19:00

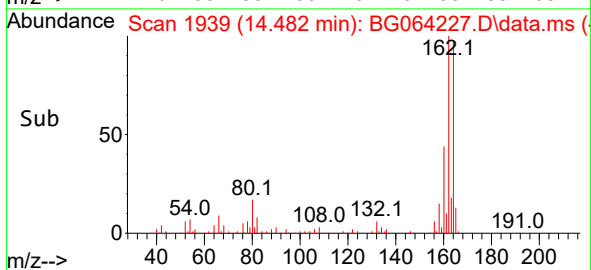
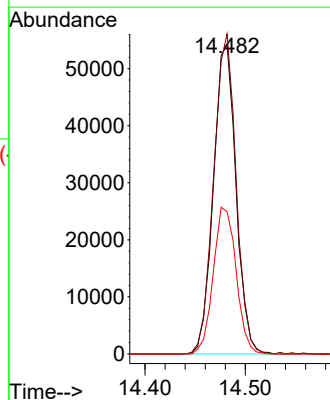
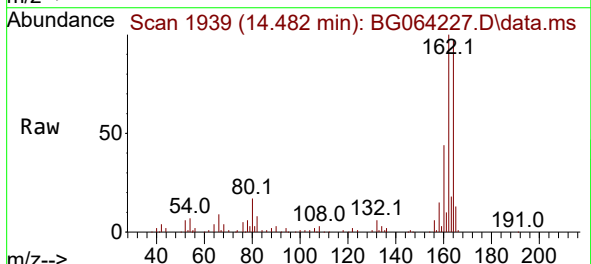
Tgt Ion:164 Resp: 84665

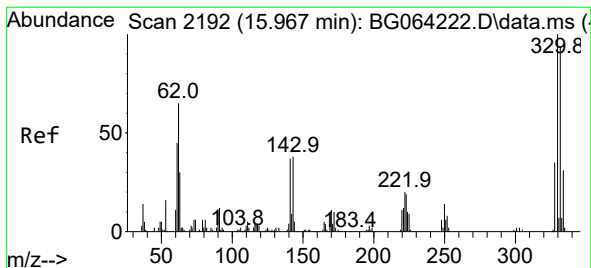
Ion Ratio Lower Upper

164 100

162 103.5 85.4 128.0

160 46.0 39.2 58.8

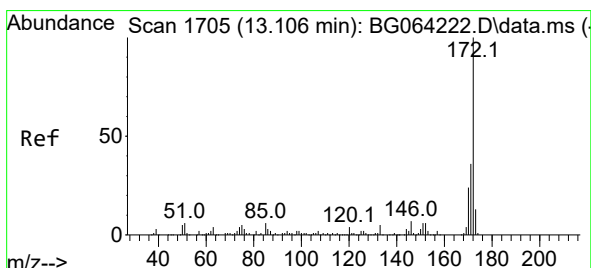
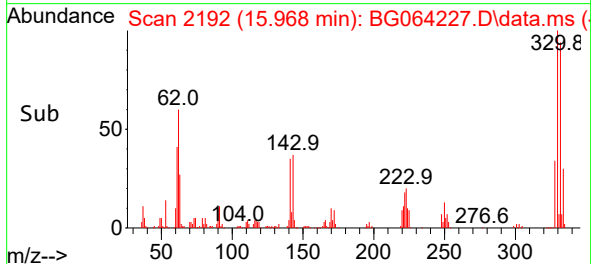
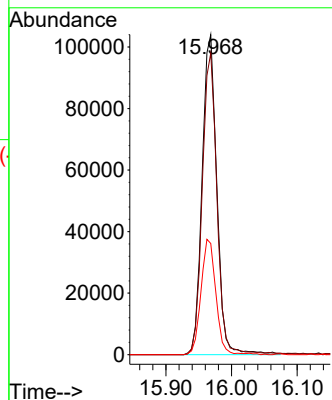
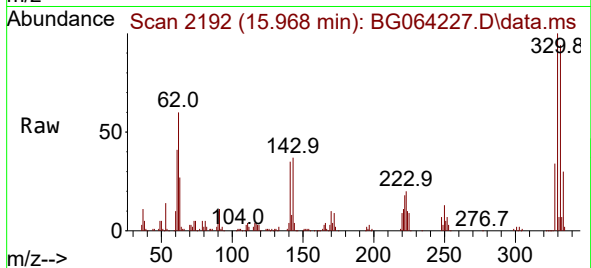




#42
2,4,6-Tribromophenol
Concen: 145.143 ng
RT: 15.968 min Scan# 2192
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

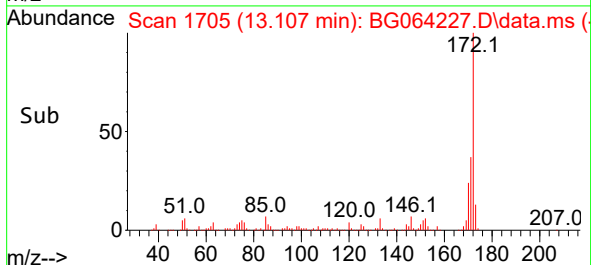
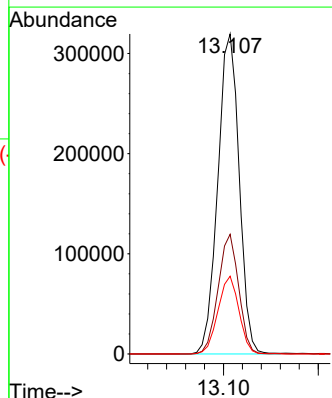
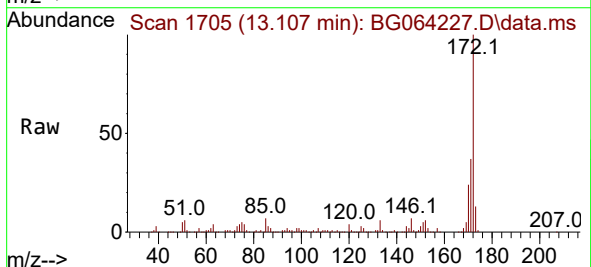
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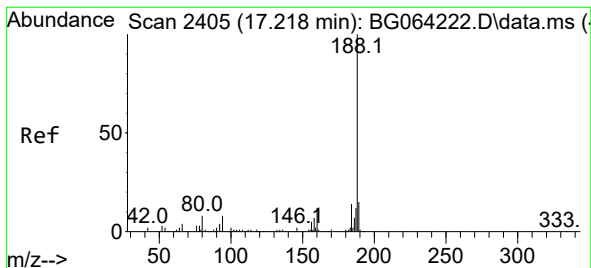
Tgt Ion:330 Resp: 162767
Ion Ratio Lower Upper
330 100
332 93.7 77.6 116.4
141 36.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 90.209 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:172 Resp: 500380
Ion Ratio Lower Upper
172 100
171 37.4 28.7 43.1
170 24.3 19.0 28.6

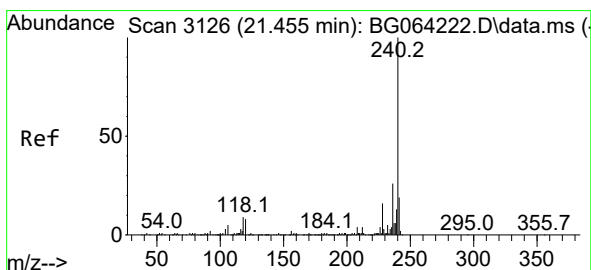
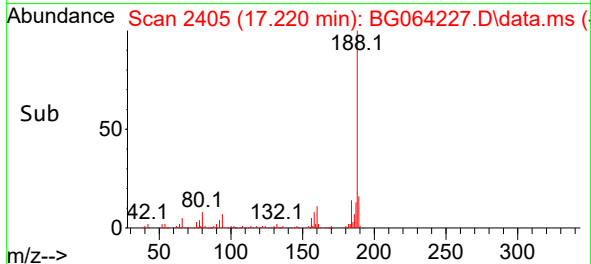
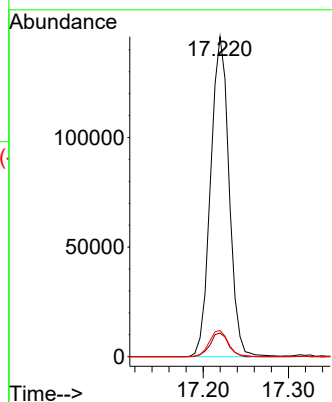
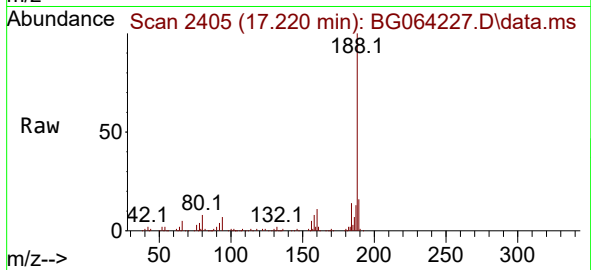




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

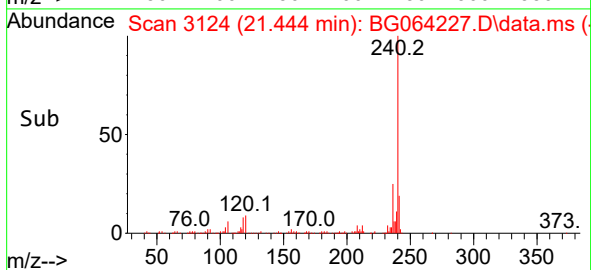
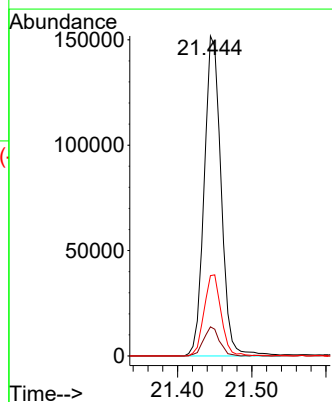
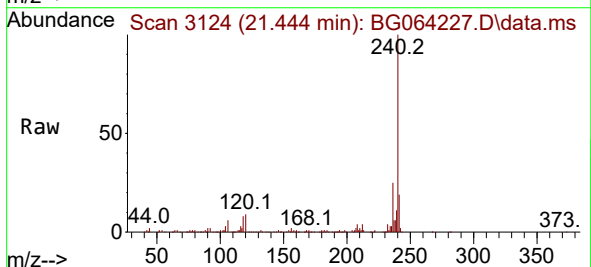
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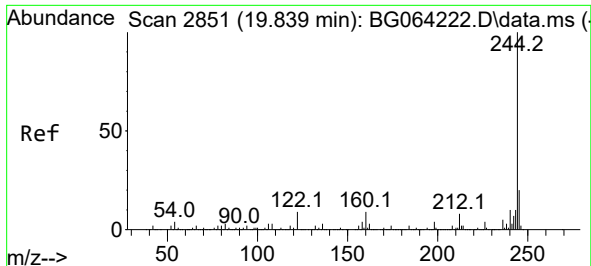
Tgt Ion:188 Resp: 219547
Ion Ratio Lower Upper
188 100
94 7.4 6.2 9.4
80 8.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.444 min Scan# 3124
Delta R.T. -0.011 min
Lab File: BG064227.D
Acq: 28 Aug 2025 19:00

Tgt Ion:240 Resp: 240333
Ion Ratio Lower Upper
240 100
120 9.1 6.2 9.4
236 25.1 20.5 30.7

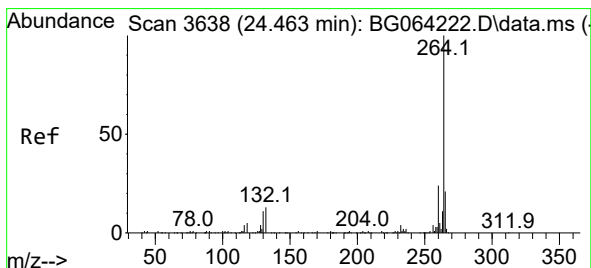
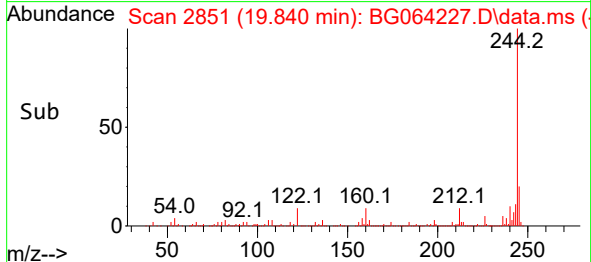
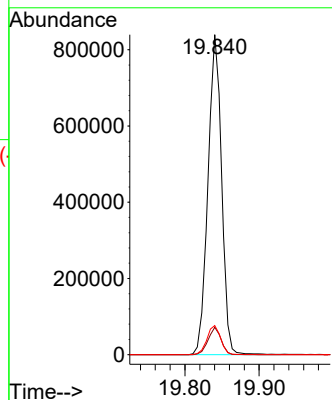
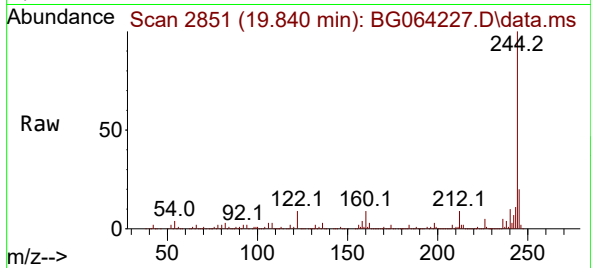




#79
 Terphenyl-d14
 Concen: 93.098 ng
 RT: 19.840 min Scan# 2851
 Delta R.T. -0.005 min
 Lab File: BG064227.D
 Acq: 28 Aug 2025 19:00

Instrument :
 BNA_G
 ClientSampleId :
 PB169325TB

Tgt Ion:244 Resp: 1072423
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 9.1 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.458 min Scan# 3637
 Delta R.T. -0.005 min
 Lab File: BG064227.D
 Acq: 28 Aug 2025 19:00

Tgt Ion:264 Resp: 252565
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 23.1 16.7 25.1

