

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064431.D
 Acq On : 23 Sep 2025 1:49
 Operator : RC/JU
 Sample : Q3135-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-121

Quant Time: Sep 23 02:25:37 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	7.838	152	15081	20.000	ng	-0.02
21) Naphthalene-d8	10.622	136	62384	20.000	ng	#-0.03
39) Acenaphthene-d10	14.459	164	49716	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	133565	20.000	ng	#-0.02
76) Chrysene-d12	21.427	240	155252	20.000	ng	-0.03
86) Perylene-d12	24.430	264	171528	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	63235	75.227	ng	-0.02
7) Phenol-d6	7.015	99	61054	52.868	ng	-0.02
23) Nitrobenzene-d5	8.989	82	127056	113.586	ng	-0.03
42) 2,4,6-Tribromophenol	15.952	330	143720	218.250	ng	-0.02
45) 2-Fluorobiphenyl	13.084	172	349097	107.178	ng	-0.03
79) Terphenyl-d14	19.823	244	842991	113.285	ng	-0.02

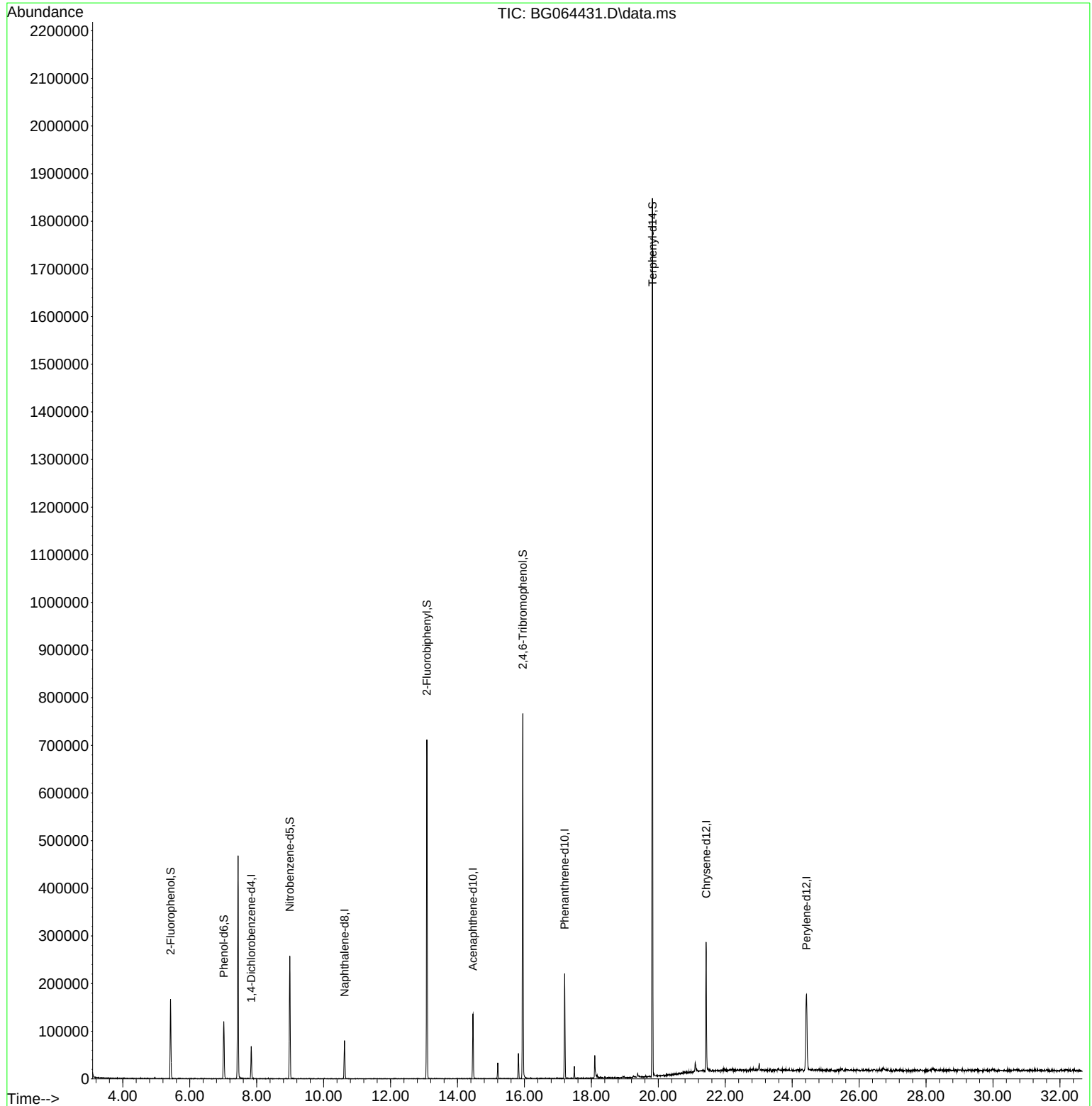
Target Compounds	Qvalue

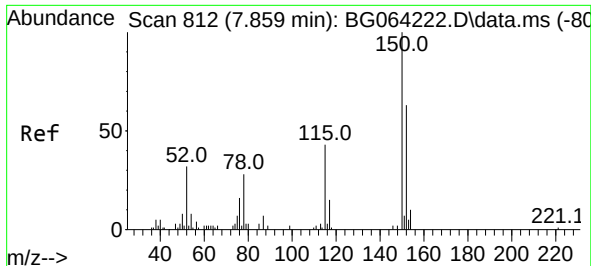
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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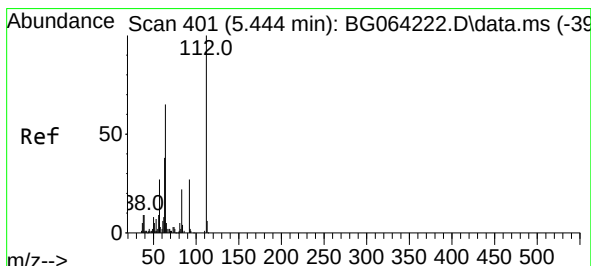
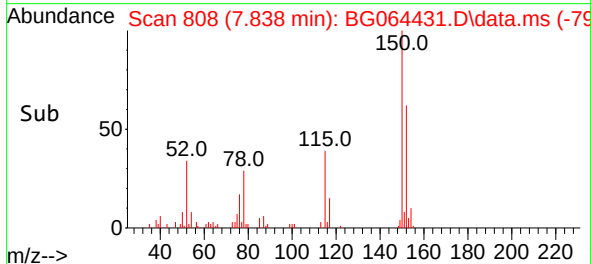
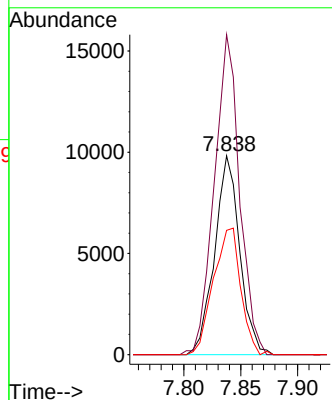
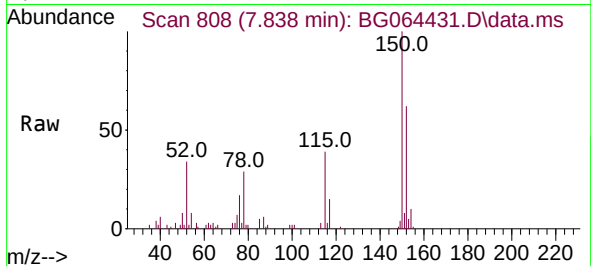




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 80
Delta R.T. -0.021 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

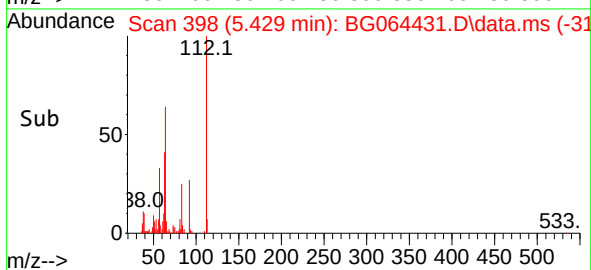
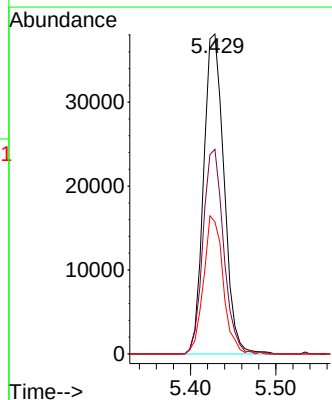
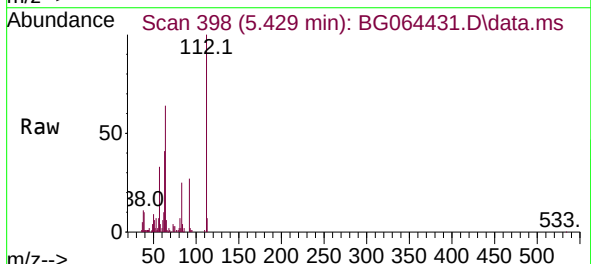
Instrument :
BNA_G
ClientSampleId :
MH-121

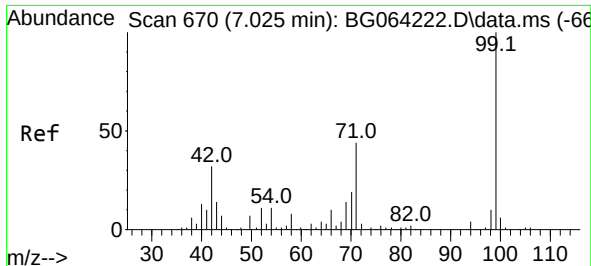
Tgt Ion:152 Resp: 15081
Ion Ratio Lower Upper
152 100
150 161.0 128.0 192.0
115 62.5 55.7 83.5



#5
2-Fluorophenol
Concen: 75.227 ng
RT: 5.429 min Scan# 398
Delta R.T. -0.016 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

Tgt Ion:112 Resp: 63235
Ion Ratio Lower Upper
112 100
64 63.9 51.8 77.6
63 41.3 30.6 45.8

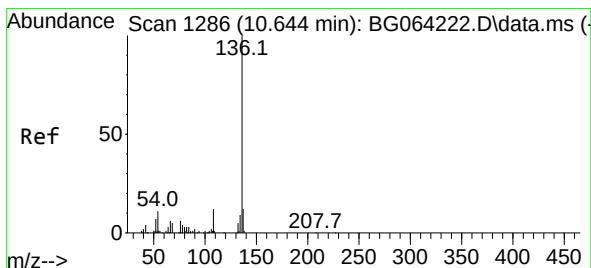
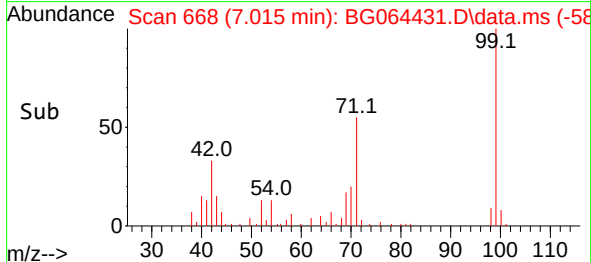
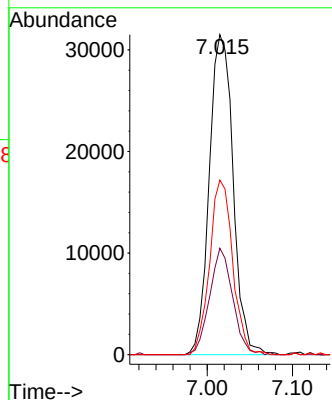
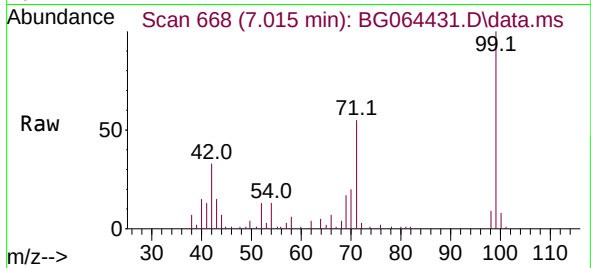




#7
Phenol-d6
Concen: 52.868 ng
RT: 7.015 min Scan# 60
Delta R.T. -0.016 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

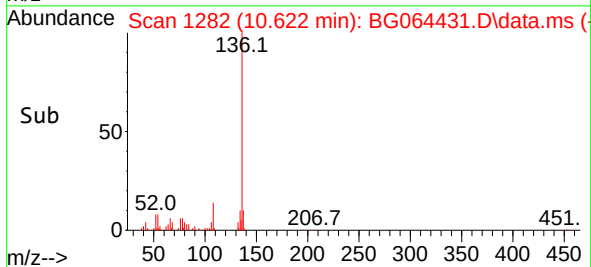
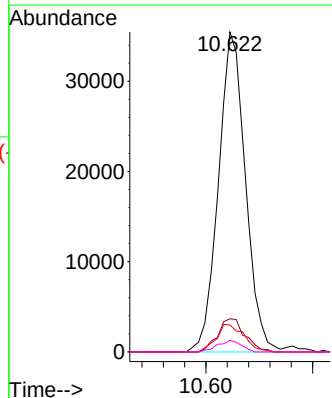
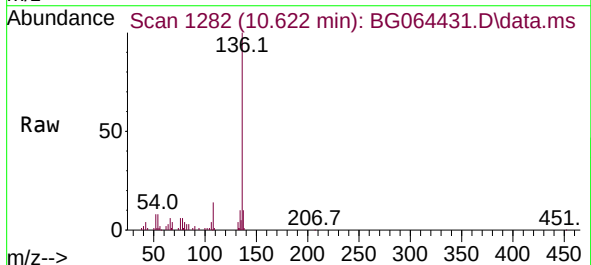
Instrument :
BNA_G
ClientSampleId :
MH-121

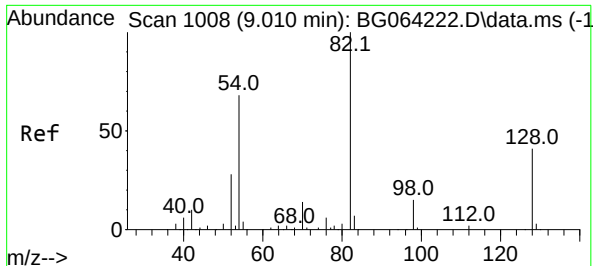
Tgt Ion: 99 Resp: 61054
Ion Ratio Lower Upper
99 100
42 33.2 25.8 38.8
71 54.5 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.622 min Scan# 1282
Delta R.T. -0.027 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

Tgt Ion:136 Resp: 62384
Ion Ratio Lower Upper
136 100
137 10.3 9.6 14.4
54 8.4 8.8 13.2#
68 3.6 4.1 6.1#

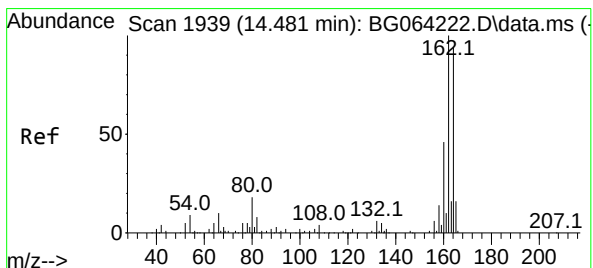
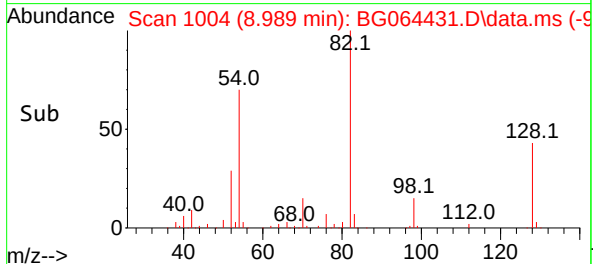
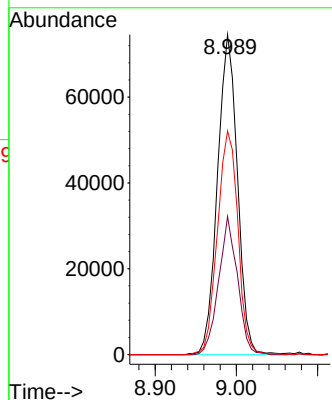
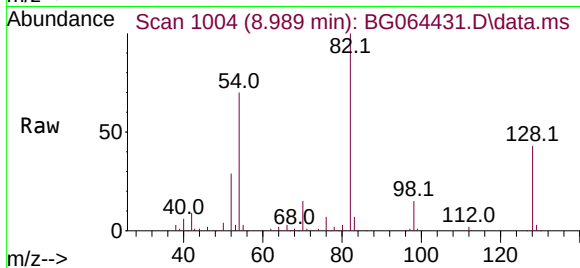




#23
 Nitrobenzene-d5
 Concen: 113.586 ng
 RT: 8.989 min Scan# 1004
 Delta R.T. -0.027 min
 Lab File: BG064431.D
 Acq: 23 Sep 2025 1:49

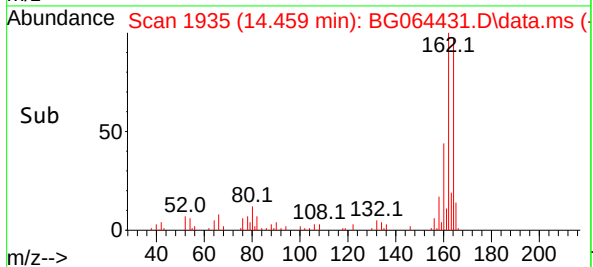
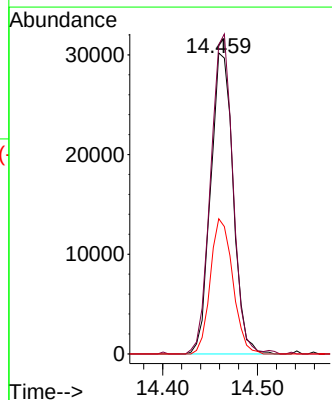
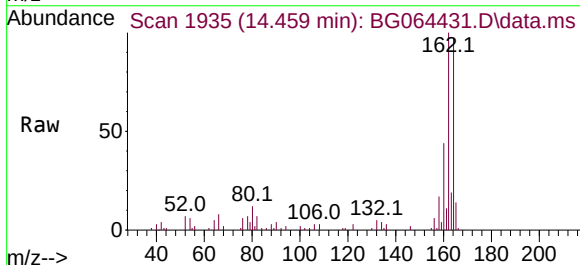
Instrument :
 BNA_G
 ClientSampleId :
 MH-121

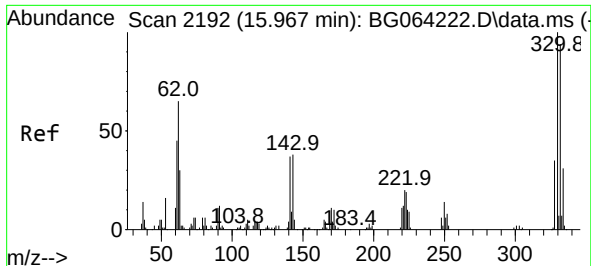
Tgt Ion: 82 Resp: 127056
 Ion Ratio Lower Upper
 82 100
 128 43.2 32.6 48.8
 54 69.9 54.7 82.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.459 min Scan# 1935
 Delta R.T. -0.022 min
 Lab File: BG064431.D
 Acq: 23 Sep 2025 1:49

Tgt Ion: 164 Resp: 49716
 Ion Ratio Lower Upper
 164 100
 162 102.7 85.4 128.0
 160 44.9 39.2 58.8

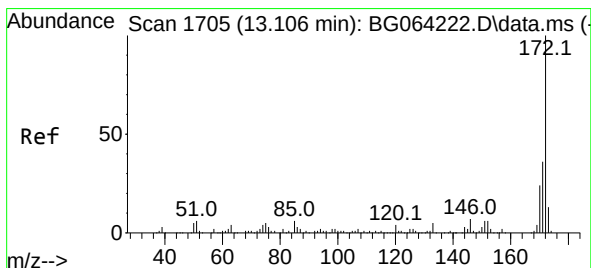
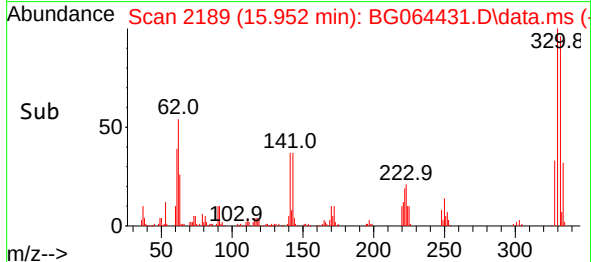
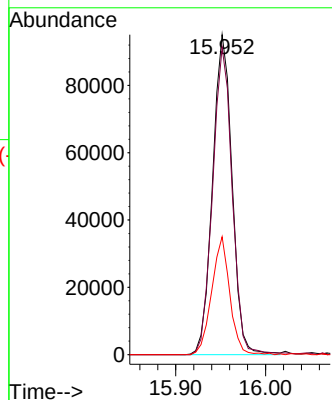
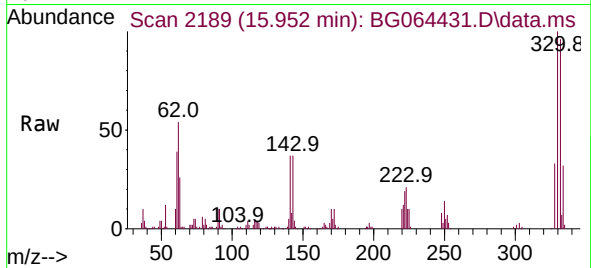




#42
2,4,6-Tribromophenol
Concen: 218.250 ng
RT: 15.952 min Scan# 2192
Delta R.T. -0.022 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

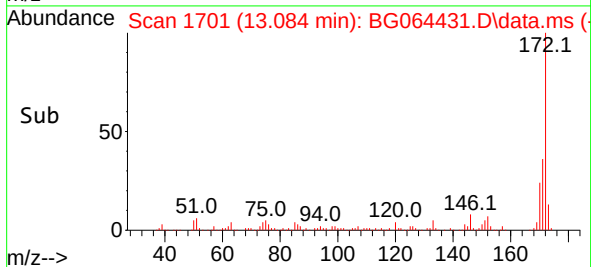
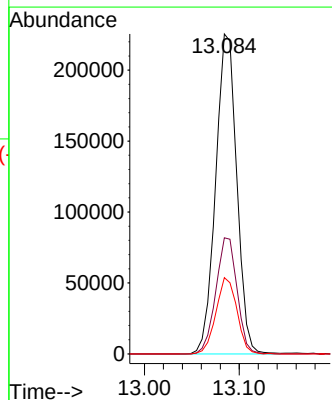
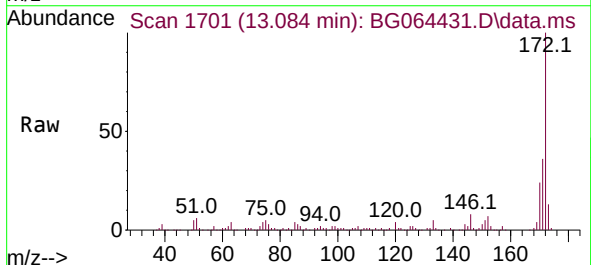
Instrument :
BNA_G
ClientSampleId :
MH-121

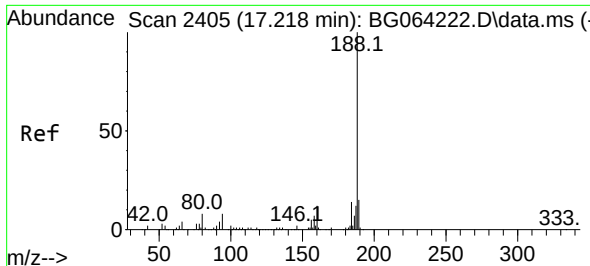
Tgt Ion:330 Resp: 143720
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 34.2 29.8 44.6



#45
2-Fluorobiphenyl
Concen: 107.178 ng
RT: 13.084 min Scan# 1701
Delta R.T. -0.027 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

Tgt Ion:172 Resp: 349097
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 23.8 19.0 28.6

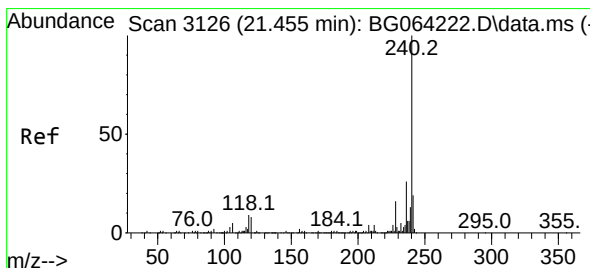
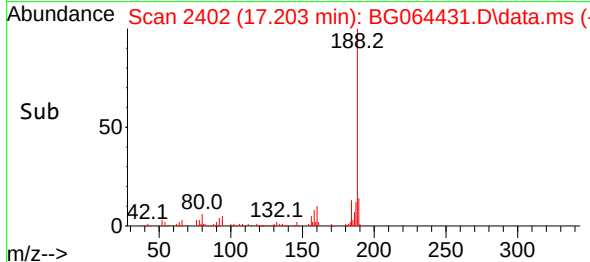
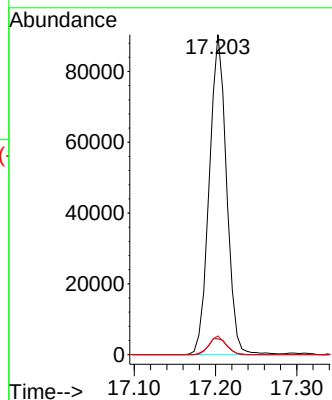
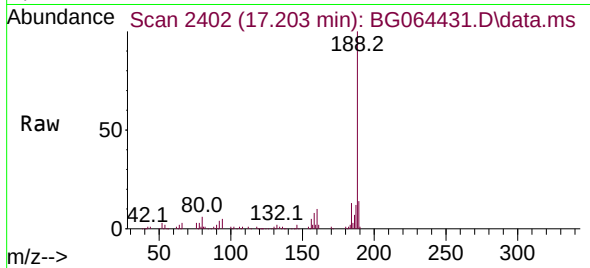




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2405
Delta R.T. -0.022 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

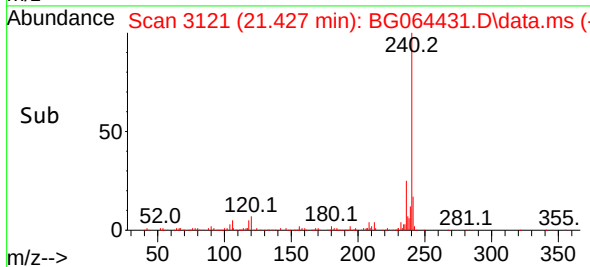
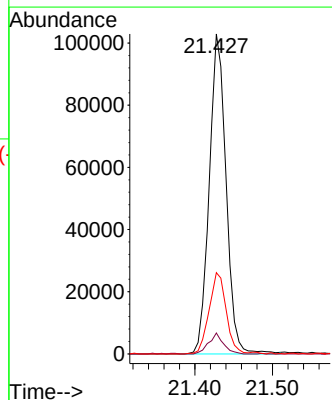
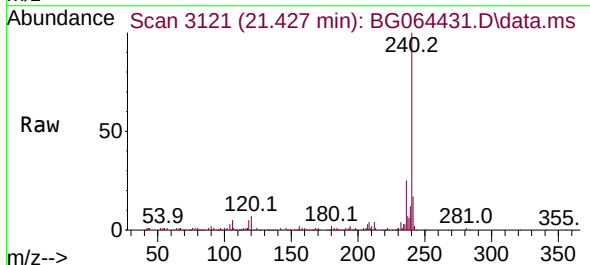
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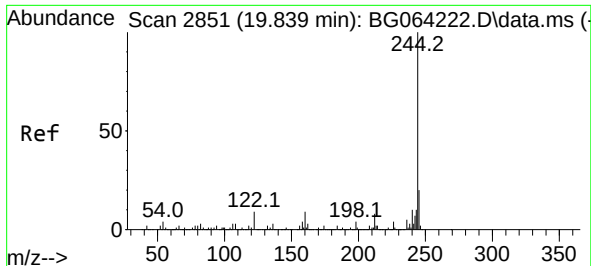
Tgt Ion:188 Resp: 133565
Ion Ratio Lower Upper
188 100
94 4.9 6.2 9.4#
80 5.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3121
Delta R.T. -0.027 min
Lab File: BG064431.D
Acq: 23 Sep 2025 1:49

Tgt Ion:240 Resp: 155252
Ion Ratio Lower Upper
240 100
120 6.5 6.2 9.4
236 25.4 20.5 30.7

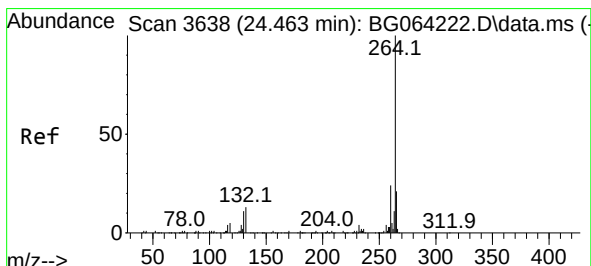
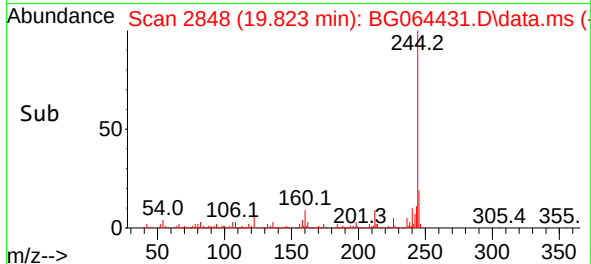
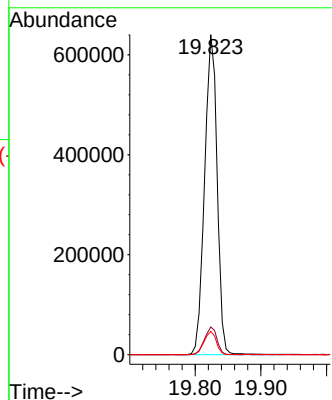
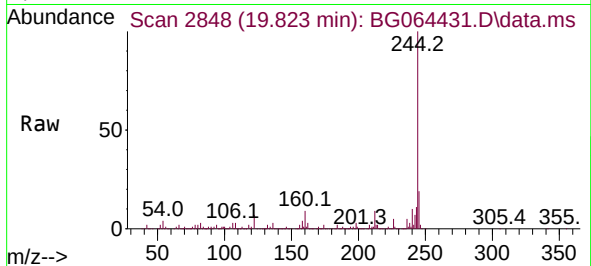




#79
 Terphenyl-d14
 Concen: 113.285 ng
 RT: 19.823 min Scan# 2851
 Delta R.T. -0.022 min
 Lab File: BG064431.D
 Acq: 23 Sep 2025 1:49

Instrument :
 BNA_G
 ClientSampleId :
 MH-121

Tgt Ion:244 Resp: 842991
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 7.3 7.0 10.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.430 min Scan# 3632
 Delta R.T. -0.033 min
 Lab File: BG064431.D
 Acq: 23 Sep 2025 1:49

Tgt Ion:264 Resp: 171528
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.9 28.3
 265 19.2 16.7 25.1

