

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
 Data File : BG064429.D
 Acq On : 23 Sep 2025 00:27
 Operator : RC/JU
 Sample : Q3153-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-500-COMP-40

Quant Time: Sep 23 01:55:33 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	7.834	152	16001	20.000	ng	-0.02
21) Naphthalene-d8	10.625	136	61790	20.000	ng	#-0.02
39) Acenaphthene-d10	14.462	164	45541	20.000	ng	-0.02
64) Phenanthrene-d10	17.206	188	121625	20.000	ng	#-0.02
76) Chrysene-d12	21.430	240	150634	20.000	ng	#-0.02
86) Perylene-d12	24.427	264	161714	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.431	112	172940	193.907	ng	-0.01
7) Phenol-d6	7.012	99	190719	155.654	ng	-0.02
23) Nitrobenzene-d5	8.992	82	139805	126.185	ng	-0.02
42) 2,4,6-Tribromophenol	15.954	330	149572	247.960	ng	-0.02
45) 2-Fluorobiphenyl	13.087	172	352731	118.221	ng	-0.02
79) Terphenyl-d14	19.826	244	862686	119.486	ng	-0.02

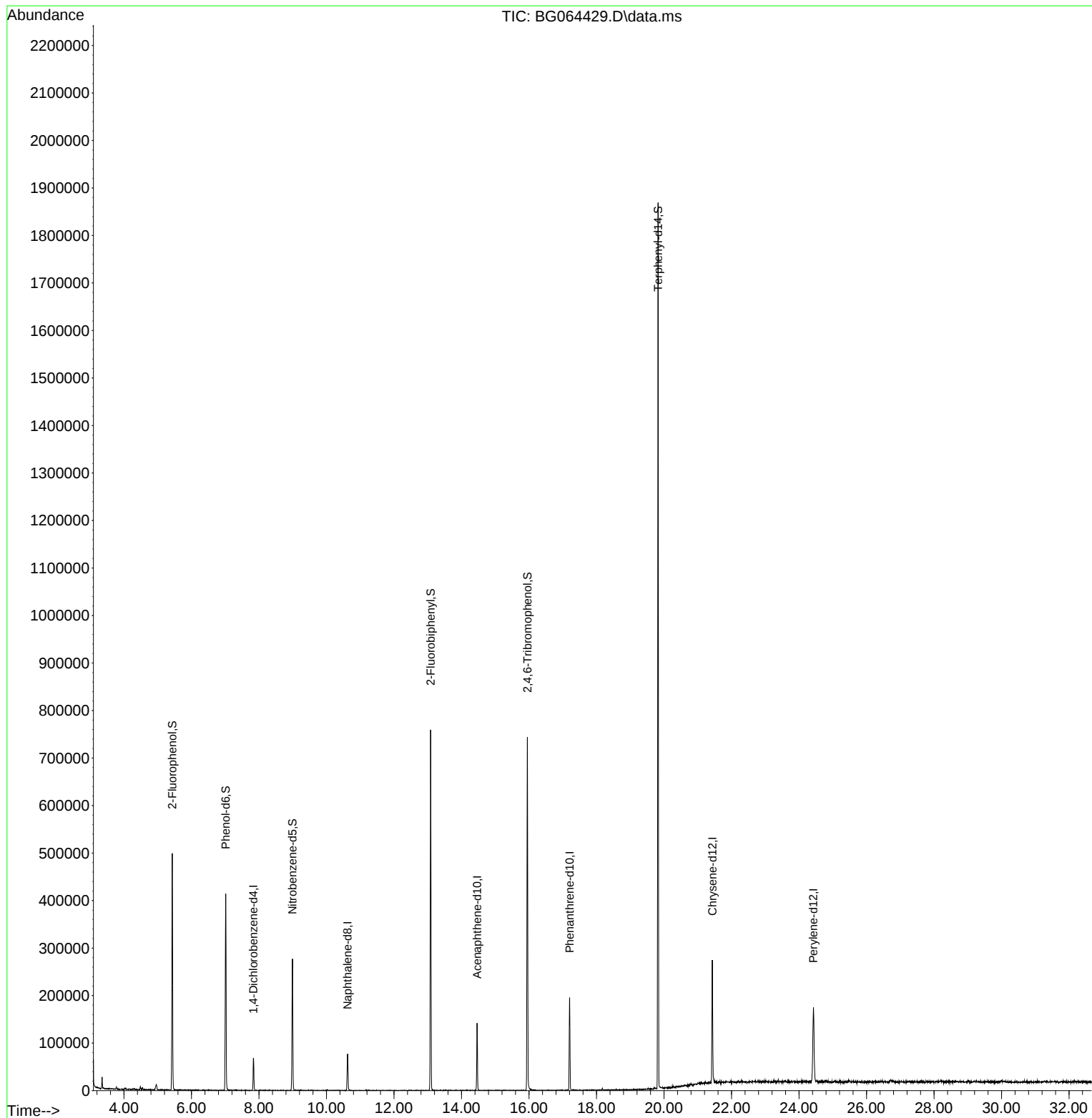
Target Compounds	Qvalue

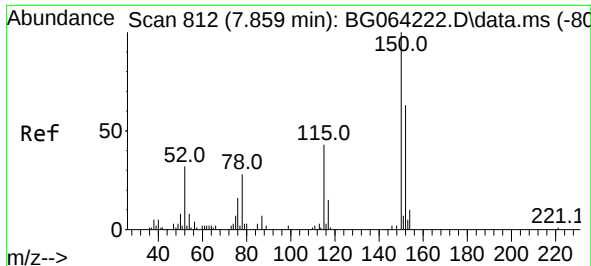
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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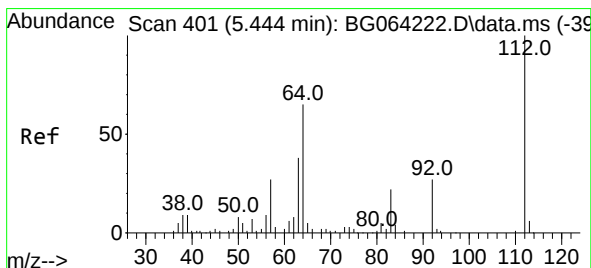
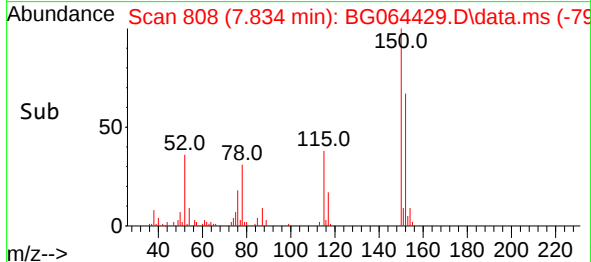
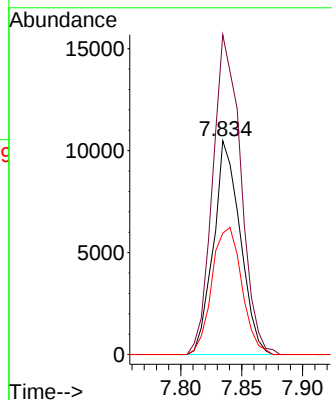
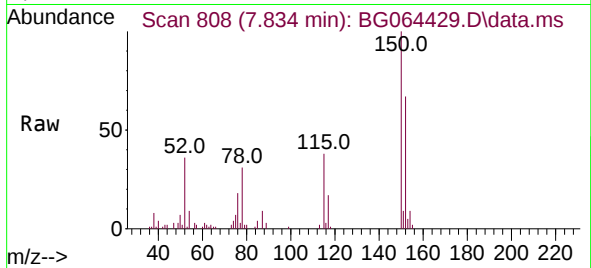




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.834 min Scan# 808
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

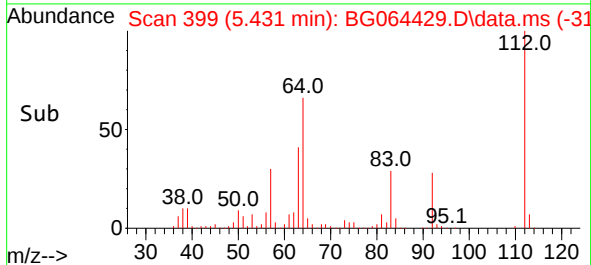
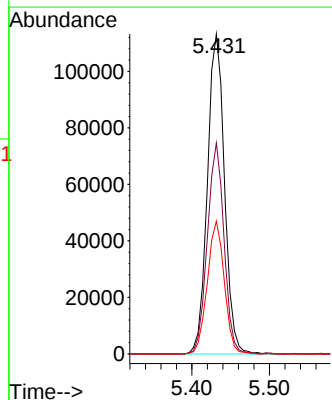
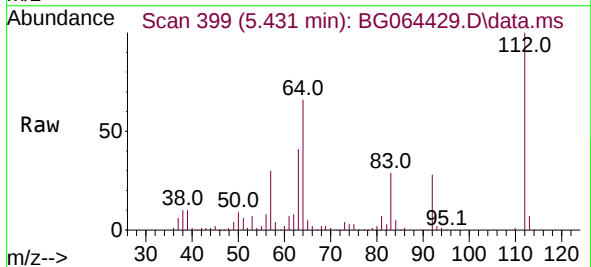
Instrument :
BNA_G
ClientSampleId :
OR-500-COMP-40

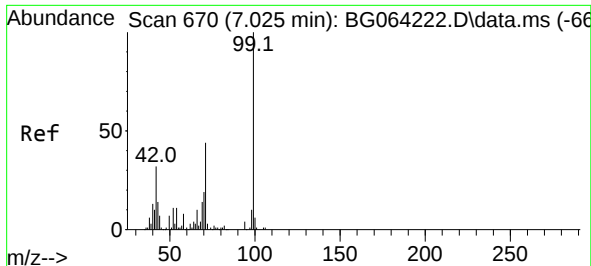
Tgt Ion:152 Resp: 16001
Ion Ratio Lower Upper
152 100
150 149.7 128.0 192.0
115 56.7 55.7 83.5



#5
2-Fluorophenol
Concen: 193.907 ng
RT: 5.431 min Scan# 399
Delta R.T. -0.013 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Tgt Ion:112 Resp: 172940
Ion Ratio Lower Upper
112 100
64 65.9 51.8 77.6
63 41.5 30.6 45.8

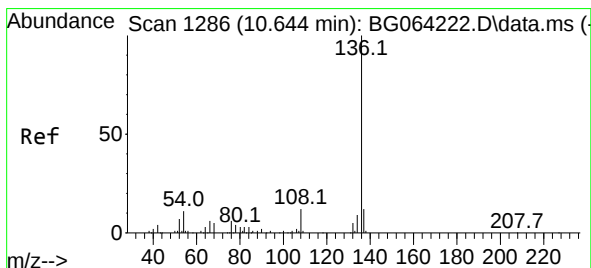
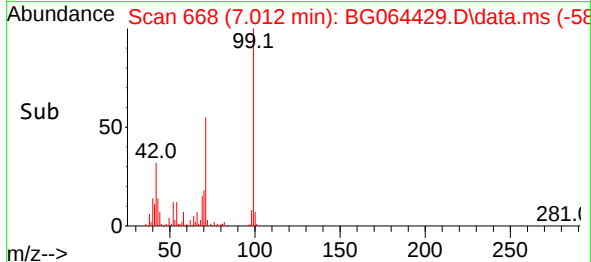
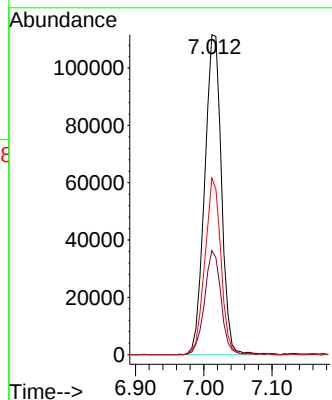
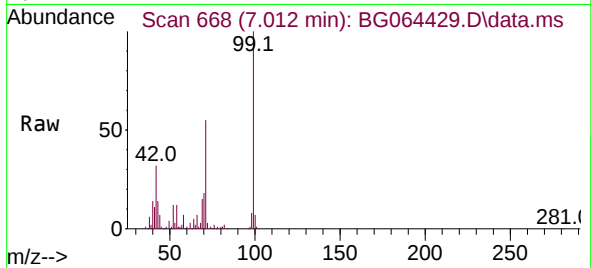




#7
Phenol-d6
Concen: 155.654 ng
RT: 7.012 min Scan# 60
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

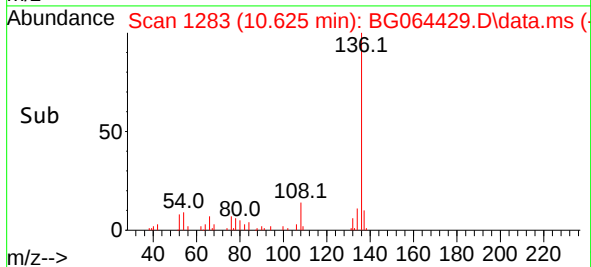
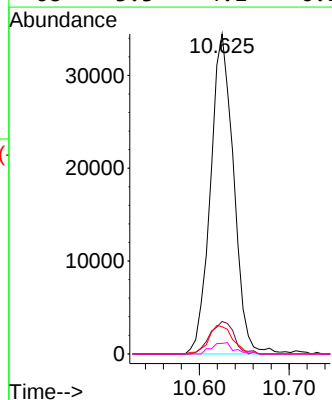
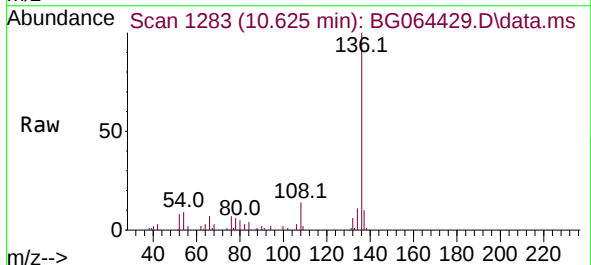
Instrument :
BNA_G
ClientSampleId :
OR-500-COMP-40

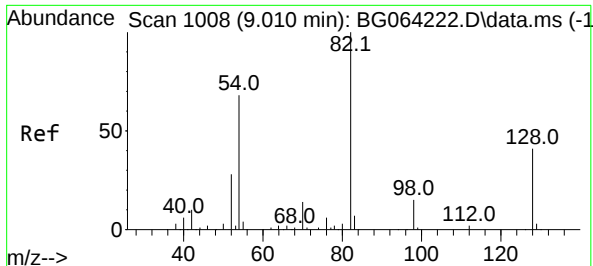
Tgt Ion: 99 Resp: 190719
Ion Ratio Lower Upper
99 100
42 32.5 25.8 38.8
71 55.2 35.2 52.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.625 min Scan# 1283
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Tgt Ion: 136 Resp: 61790
Ion Ratio Lower Upper
136 100
137 10.2 9.6 14.4
54 8.5 8.8 13.2#
68 3.3 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 126.185 ng

RT: 8.992 min Scan# 1005

Delta R.T. -0.025 min

Lab File: BG064429.D

Acq: 23 Sep 2025 00:27

Instrument :

BNA_G

ClientSampleId :

OR-500-COMP-40

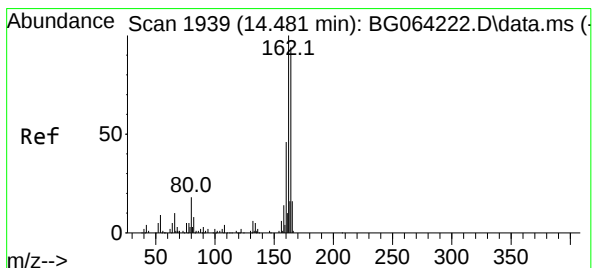
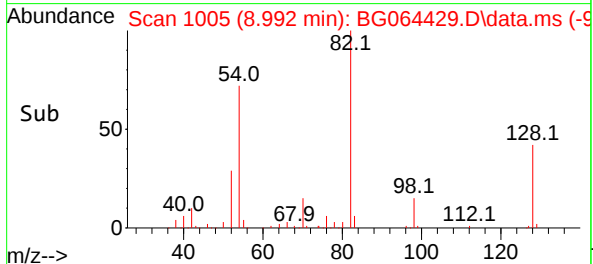
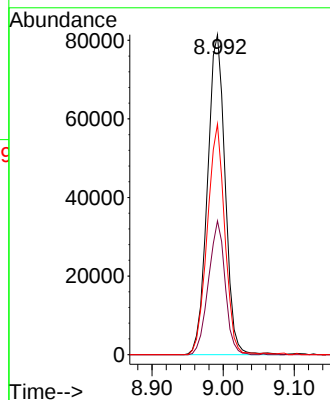
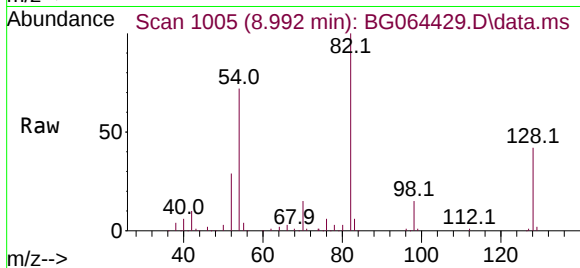
Tgt Ion: 82 Resp: 139805

Ion Ratio Lower Upper

82 100

128 41.8 32.6 48.8

54 72.0 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.462 min Scan# 1936

Delta R.T. -0.019 min

Lab File: BG064429.D

Acq: 23 Sep 2025 00:27

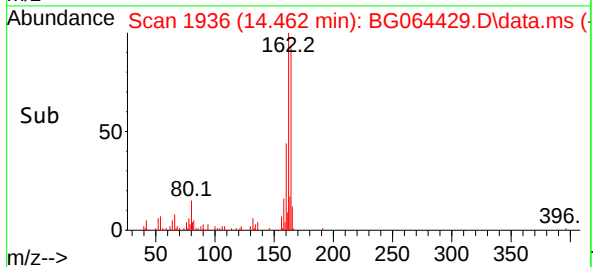
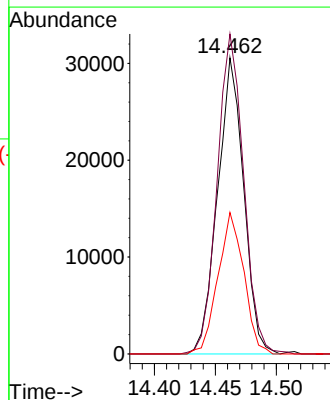
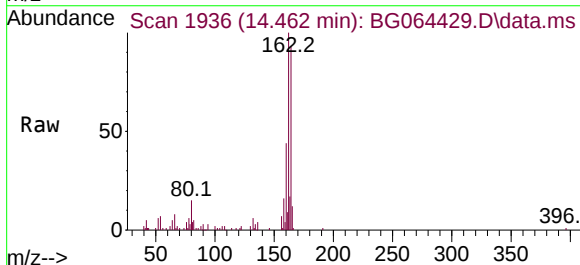
Tgt Ion:164 Resp: 45541

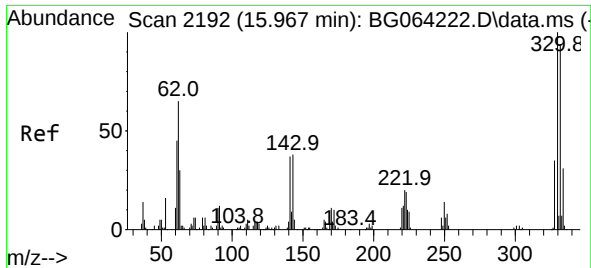
Ion Ratio Lower Upper

164 100

162 108.1 85.4 128.0

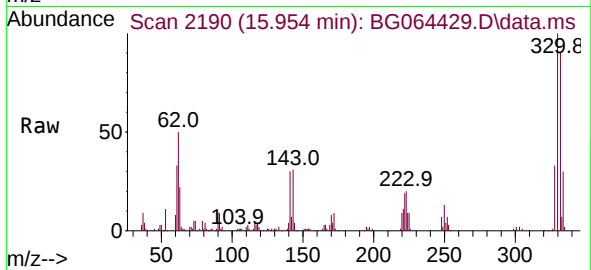
160 47.7 39.2 58.8



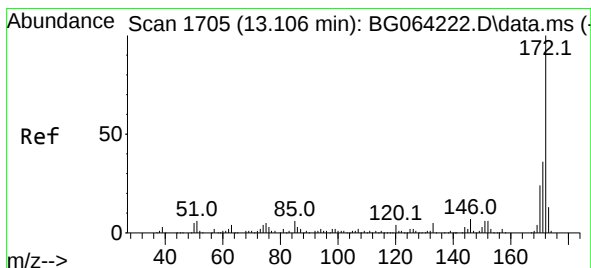
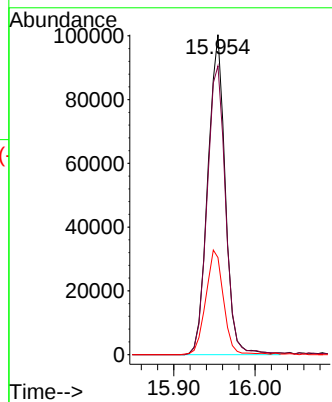
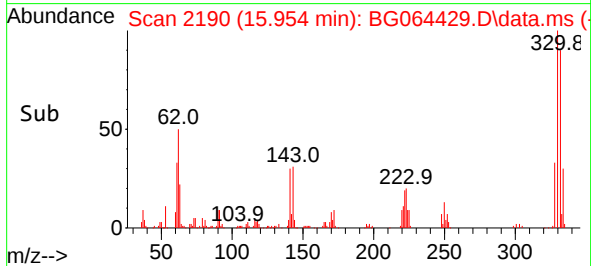


#42
2,4,6-Tribromophenol
Concen: 247.960 ng
RT: 15.954 min Scan# 2190
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

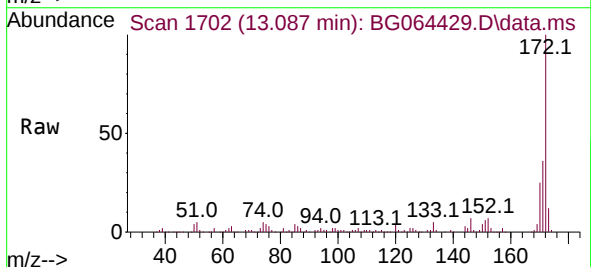
Instrument :
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OR-500-COMP-40



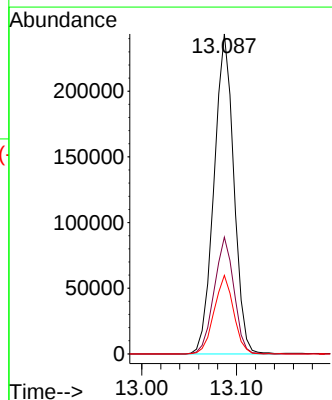
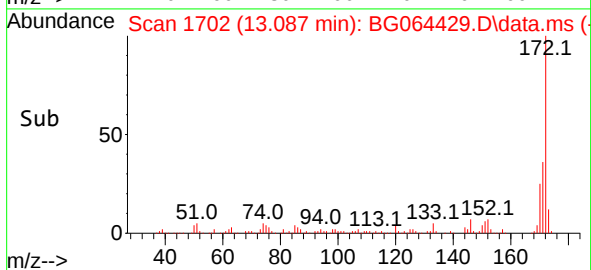
Tgt Ion:330 Resp: 149572
Ion Ratio Lower Upper
330 100
332 95.6 77.6 116.4
141 33.3 29.8 44.6

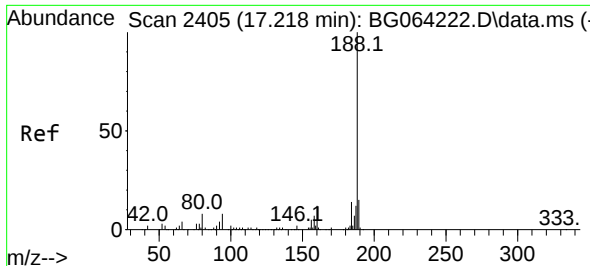


#45
2-Fluorobiphenyl
Concen: 118.221 ng
RT: 13.087 min Scan# 1702
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27



Tgt Ion:172 Resp: 352731
Ion Ratio Lower Upper
172 100
171 36.5 28.7 43.1
170 24.5 19.0 28.6

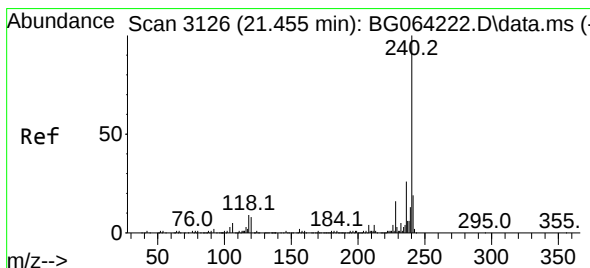
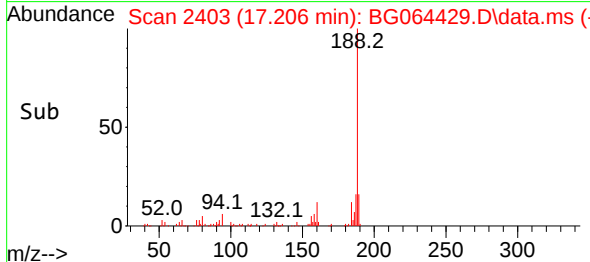
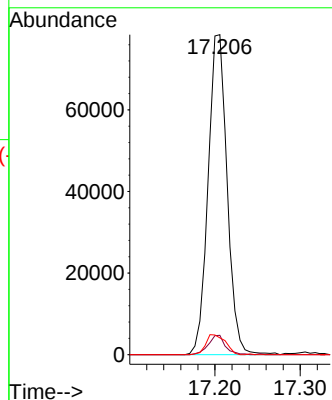
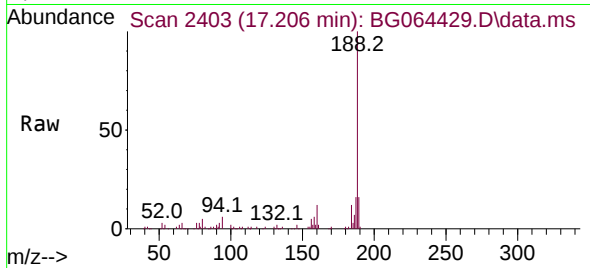




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.206 min Scan# 24
Delta R.T. -0.019 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

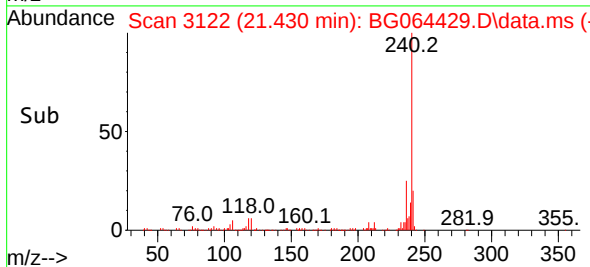
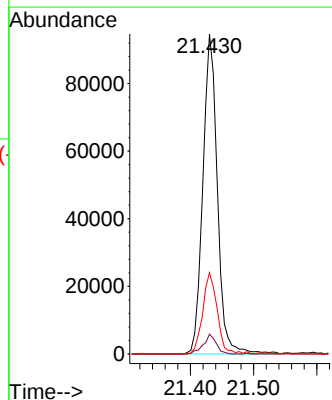
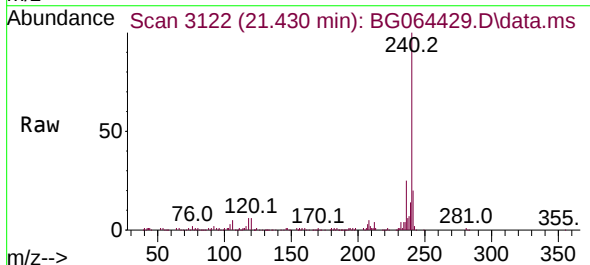
Instrument :
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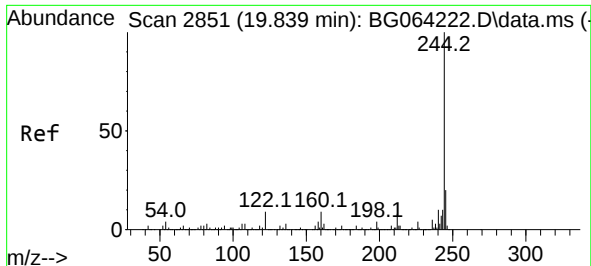
Tgt Ion:188 Resp: 121625
Ion Ratio Lower Upper
188 100
94 6.0 6.2 9.4#
80 5.2 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.430 min Scan# 3122
Delta R.T. -0.025 min
Lab File: BG064429.D
Acq: 23 Sep 2025 00:27

Tgt Ion:240 Resp: 150634
Ion Ratio Lower Upper
240 100
120 6.2 6.2 9.4#
236 25.4 20.5 30.7

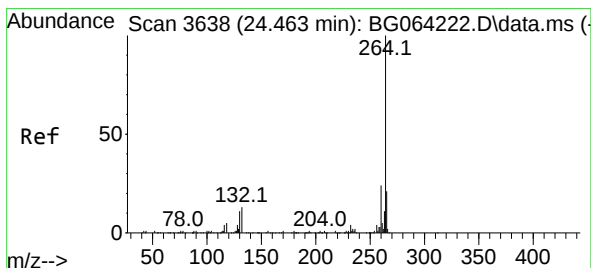
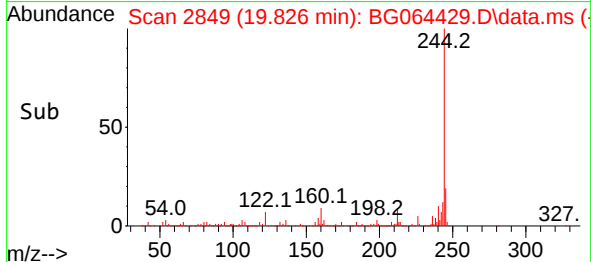
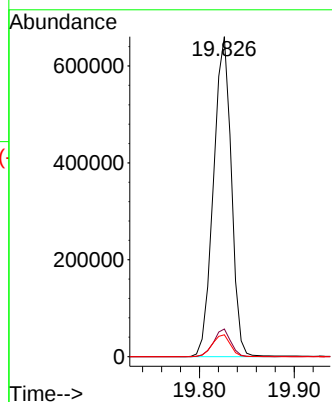
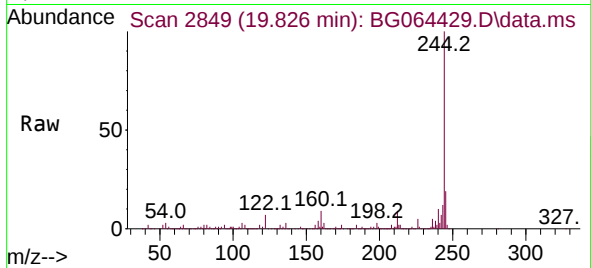




#79
 Terphenyl-d14
 Concen: 119.486 ng
 RT: 19.826 min Scan# 2849
 Delta R.T. -0.019 min
 Lab File: BG064429.D
 Acq: 23 Sep 2025 00:27

Instrument :
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Tgt Ion:244 Resp: 862686
 Ion Ratio Lower Upper
 244 100
 212 8.6 6.6 10.0
 122 6.8 7.0 10.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.427 min Scan# 3632
 Delta R.T. -0.036 min
 Lab File: BG064429.D
 Acq: 23 Sep 2025 00:27

Tgt Ion:264 Resp: 161714
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.9 28.3
 265 21.1 16.7 25.1

