

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
 Data File : BG064950.D
 Acq On : 12 Dec 2025 13:45
 Operator : RC/JU
 Sample : Q3814-10RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-9RE

Quant Time: Dec 12 14:22:15 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	25061	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	82268	20.000	ng	#-0.02
39) Acenaphthene-d10	14.762	164	31874	20.000	ng	-0.01
64) Phenanthrene-d10	17.494	188	130087	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	70366	20.000	ng	#-0.01
86) Perylene-d12	24.991	264	698	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	171064	119.195	ng	0.00
7) Phenol-d6	7.300	99	134393	70.406	ng	0.00
23) Nitrobenzene-d5	9.316	82	150058	90.184	ng	-0.01
42) 2,4,6-Tribromophenol	16.237	330	210227	338.181	ng	-0.01
45) 2-Fluorobiphenyl	13.393	172	468573	205.126	ng	-0.01
79) Terphenyl-d14	20.079	244	886175	247.732	ng	-0.01

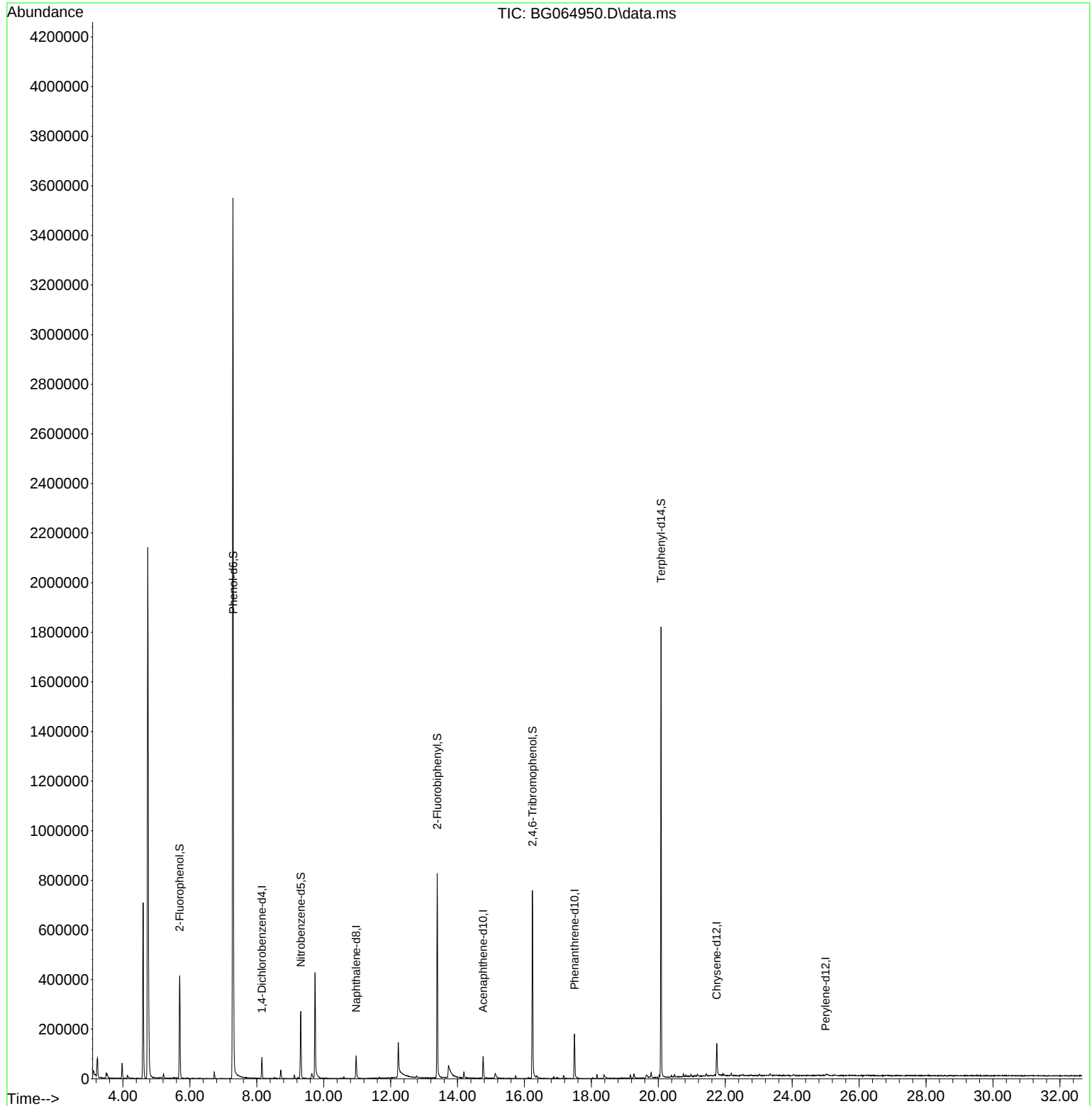
Target Compounds	Qvalue

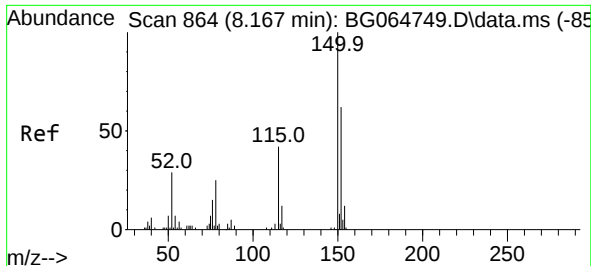
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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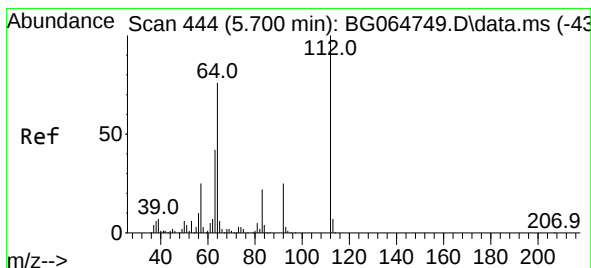
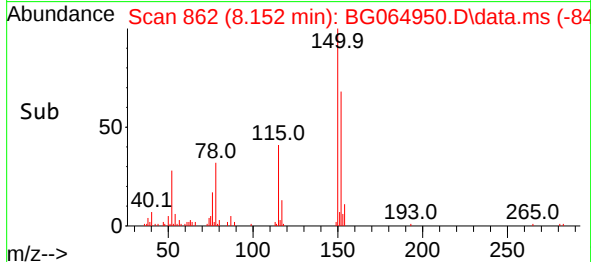
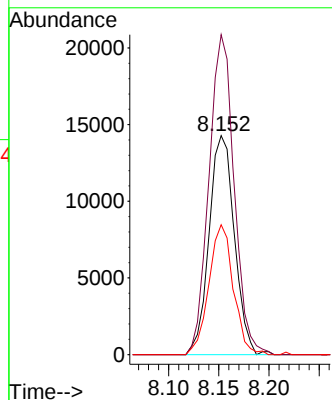
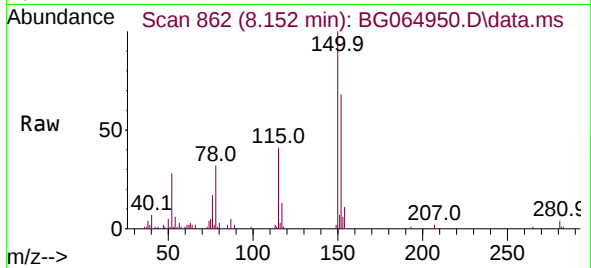




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.152 min Scan# 862
Delta R.T. -0.015 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

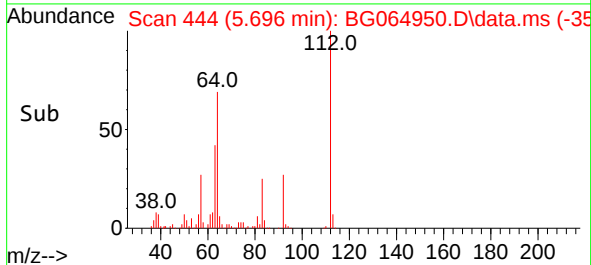
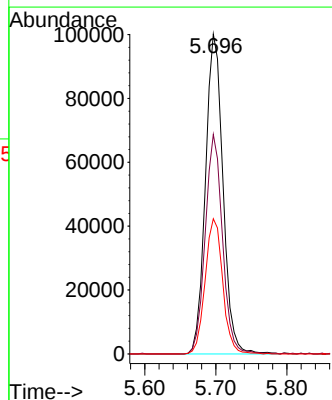
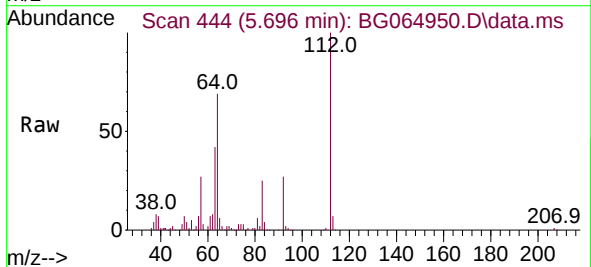
Instrument :
BNA_G
ClientSampleId :
TP-9RE

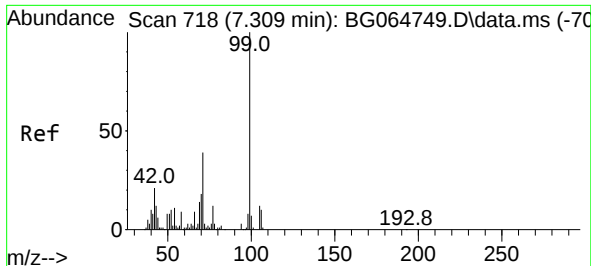
Tgt Ion:152 Resp: 25061
Ion Ratio Lower Upper
152 100
150 146.1 129.2 193.8
115 59.3 53.7 80.5



#5
2-Fluorophenol
Concen: 119.195 ng
RT: 5.696 min Scan# 444
Delta R.T. -0.003 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

Tgt Ion:112 Resp: 171064
Ion Ratio Lower Upper
112 100
64 68.6 61.0 91.4
63 42.2 33.3 49.9

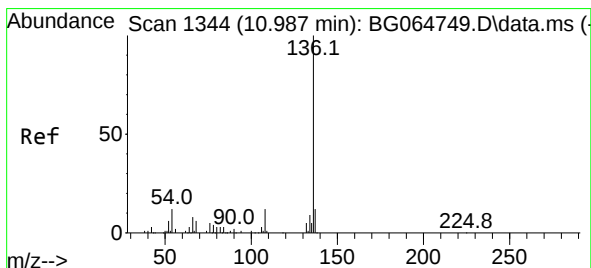
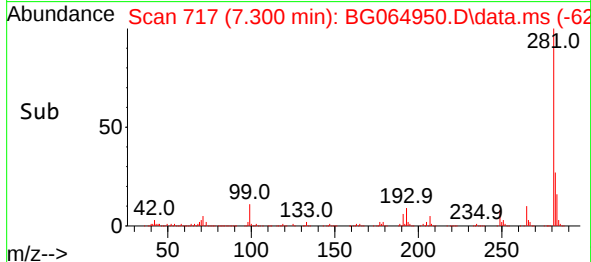
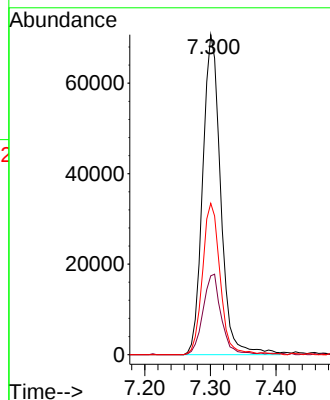
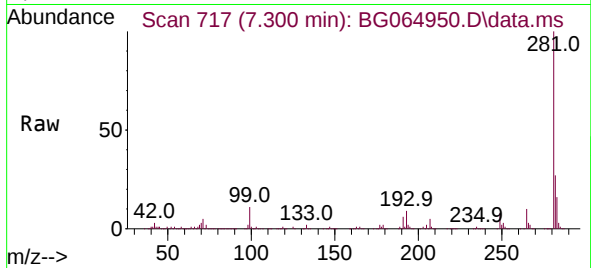




#7
Phenol-d6
Concen: 70.406 ng
RT: 7.300 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

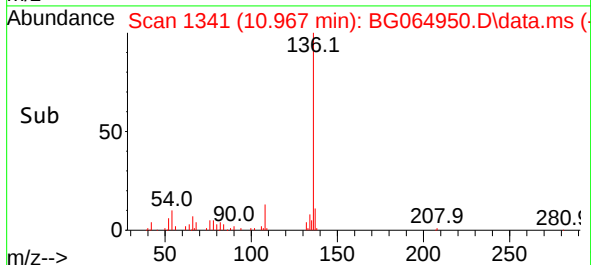
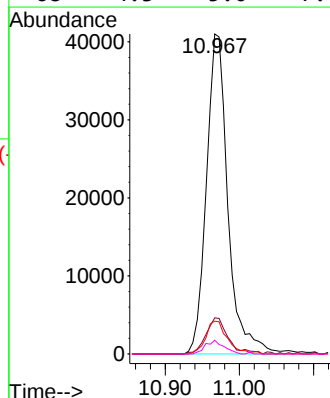
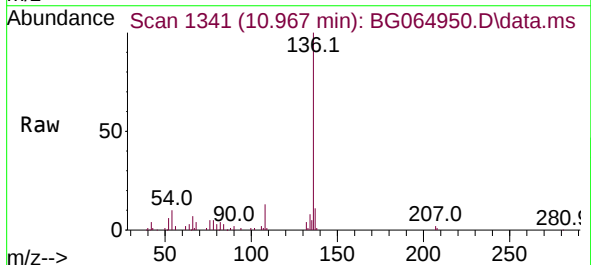
Instrument :
BNA_G
ClientSampleId :
TP-9RE

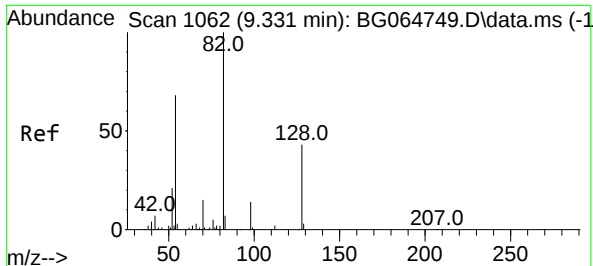
Tgt Ion: 99 Resp: 134393
Ion Ratio Lower Upper
99 100
42 24.6 16.8 25.2
71 47.3 31.1 46.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.967 min Scan# 1341
Delta R.T. -0.020 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

Tgt Ion:136 Resp: 82268
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 10.2 9.3 13.9
68 4.3 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 90.184 ng

RT: 9.316 min Scan# 1060

Delta R.T. -0.015 min

Lab File: BG064950.D

Acq: 12 Dec 2025 13:45

Instrument :

BNA_G

ClientSampleId :

TP-9RE

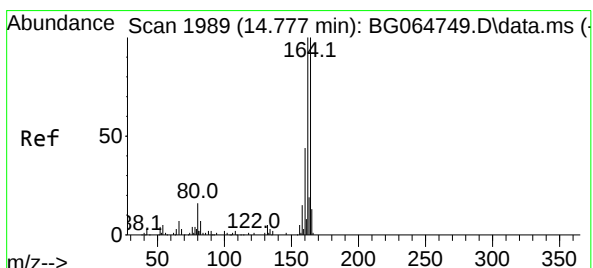
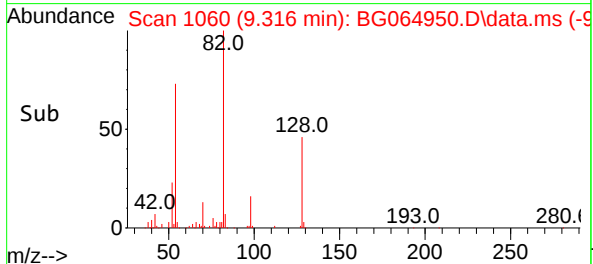
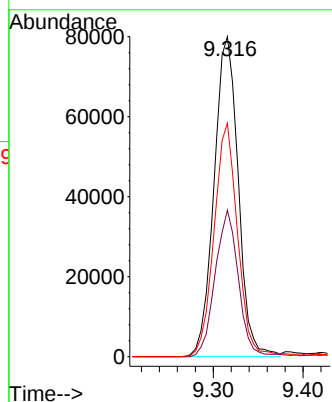
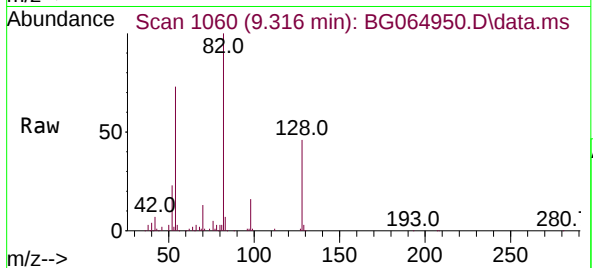
Tgt Ion: 82 Resp: 150058

Ion Ratio Lower Upper

82 100

128 45.8 34.1 51.1

54 73.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.762 min Scan# 1987

Delta R.T. -0.015 min

Lab File: BG064950.D

Acq: 12 Dec 2025 13:45

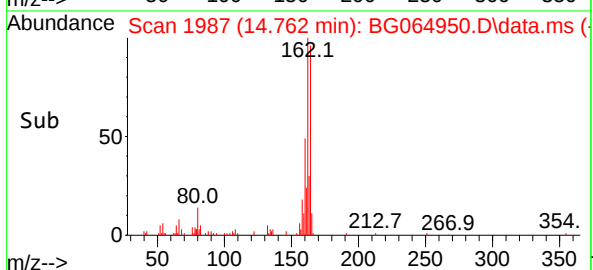
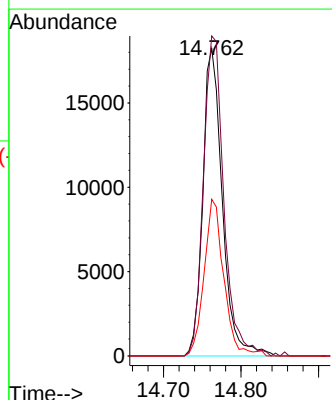
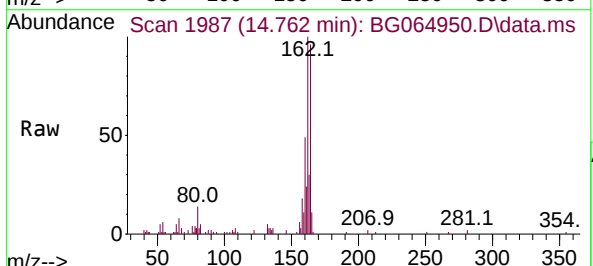
Tgt Ion: 164 Resp: 31874

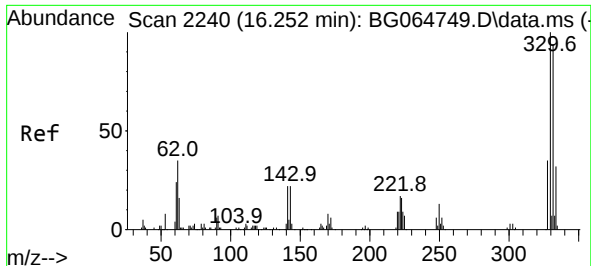
Ion Ratio Lower Upper

164 100

162 104.1 79.8 119.6

160 50.9 34.9 52.3

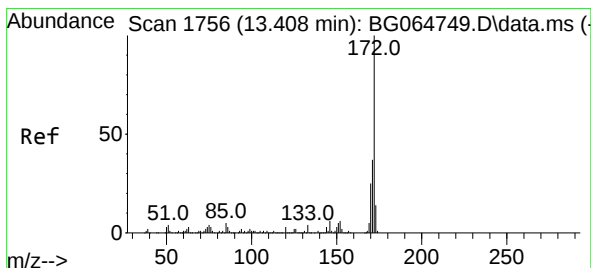
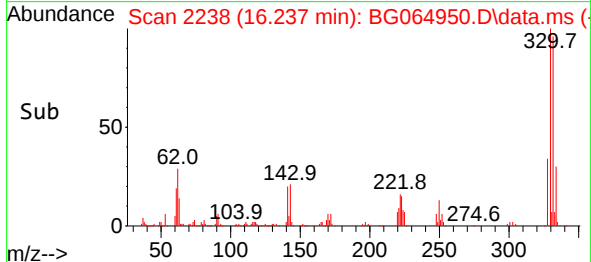
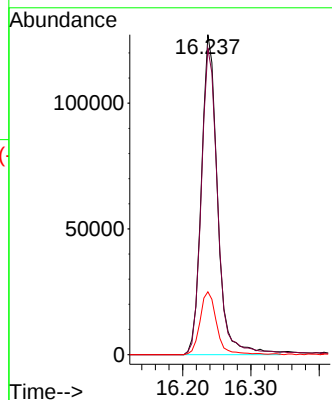
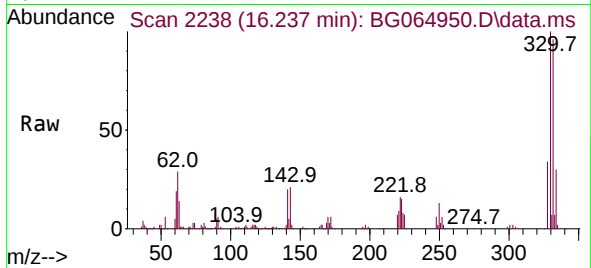




#42
2,4,6-Tribromophenol
Concen: 338.181 ng
RT: 16.237 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

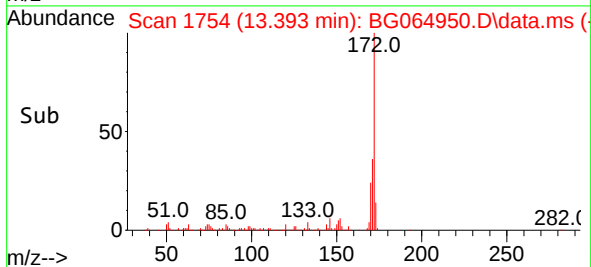
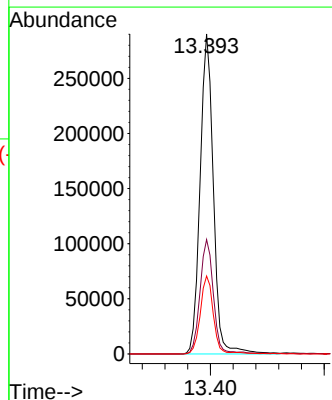
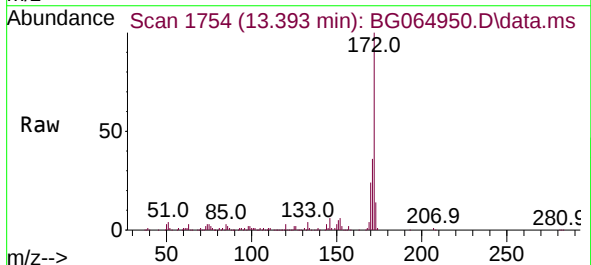
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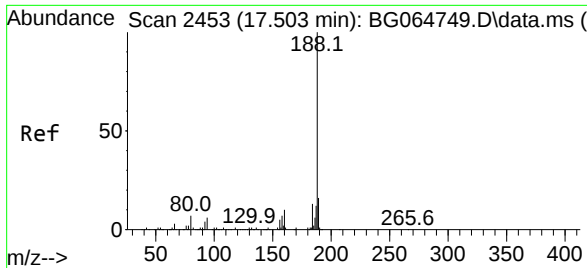
Tgt Ion:330 Resp: 210227
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 20.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 205.126 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

Tgt Ion:172 Resp: 468573
Ion Ratio Lower Upper
172 100
171 35.7 29.9 44.9
170 24.3 19.8 29.6

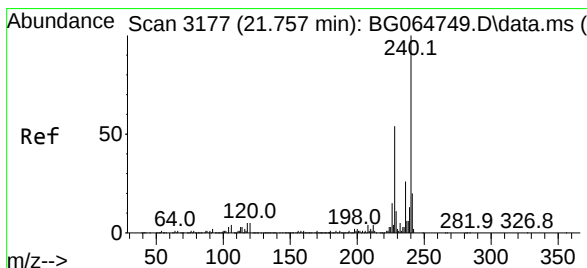
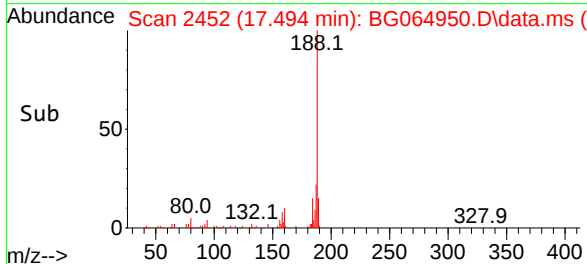
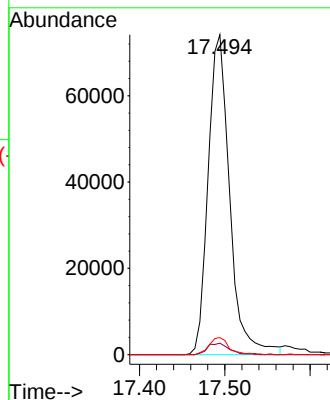
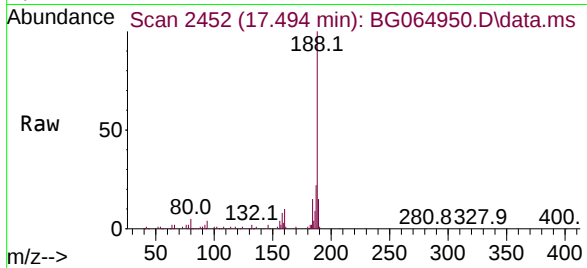




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.494 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

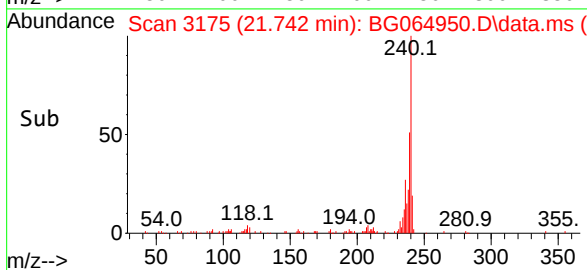
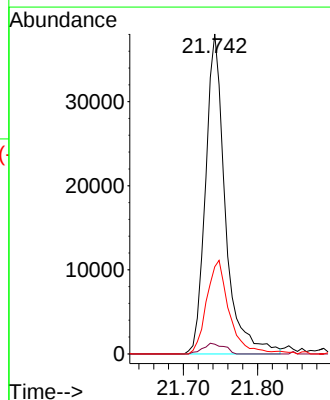
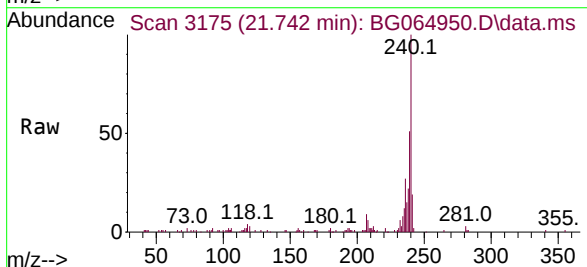
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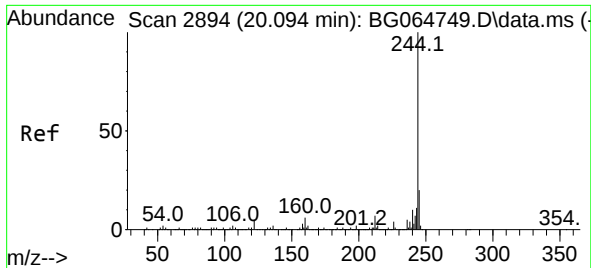
Tgt Ion:188 Resp: 130087
Ion Ratio Lower Upper
188 100
94 3.6 4.7 7.1#
80 5.6 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.742 min Scan# 3175
Delta R.T. -0.015 min
Lab File: BG064950.D
Acq: 12 Dec 2025 13:45

Tgt Ion:240 Resp: 70366
Ion Ratio Lower Upper
240 100
120 3.0 4.2 6.4#
236 27.2 20.8 31.2

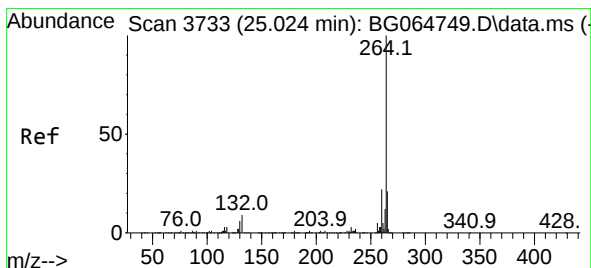
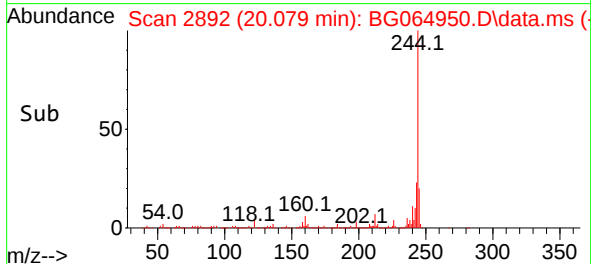
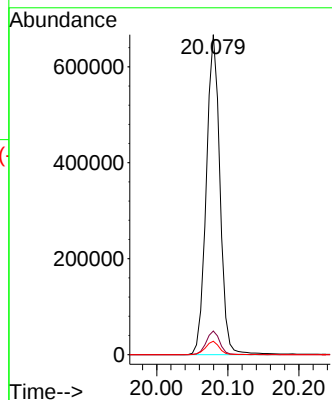
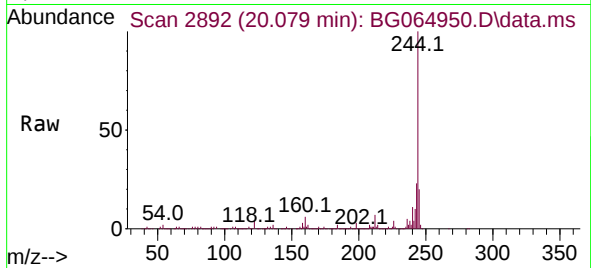




#79
 Terphenyl-d14
 Concen: 247.732 ng
 RT: 20.079 min Scan# 2892
 Delta R.T. -0.015 min
 Lab File: BG064950.D
 Acq: 12 Dec 2025 13:45

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 886175
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 4.2 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.991 min Scan# 3728
 Delta R.T. -0.033 min
 Lab File: BG064950.D
 Acq: 12 Dec 2025 13:45

Tgt Ion:264 Resp: 698
 Ion Ratio Lower Upper
 264 100
 260 36.3 17.2 25.8#
 265 43.9 16.6 25.0#

