

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121225\
 Data File : BG064948.D
 Acq On : 12 Dec 2025 12:24
 Operator : RC/JU
 Sample : PB170874TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170874TB

Quant Time: Dec 12 13:00:57 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	8.154	152	27086	20.000	ng	-0.01
21) Naphthalene-d8	10.969	136	90427	20.000	ng	#-0.02
39) Acenaphthene-d10	14.764	164	75129	20.000	ng	-0.01
64) Phenanthrene-d10	17.490	188	175739	20.000	ng	#-0.01
76) Chrysene-d12	21.738	240	233950	20.000	ng	#-0.02
86) Perylene-d12	24.993	264	255464	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	211941	136.637	ng	0.00
7) Phenol-d6	7.302	99	258938	125.511	ng	0.00
23) Nitrobenzene-d5	9.312	82	174536	95.431	ng	-0.02
42) 2,4,6-Tribromophenol	16.239	330	254043	173.379	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	560495	104.099	ng	-0.01
79) Terphenyl-d14	20.081	244	1326053	111.497	ng	-0.01

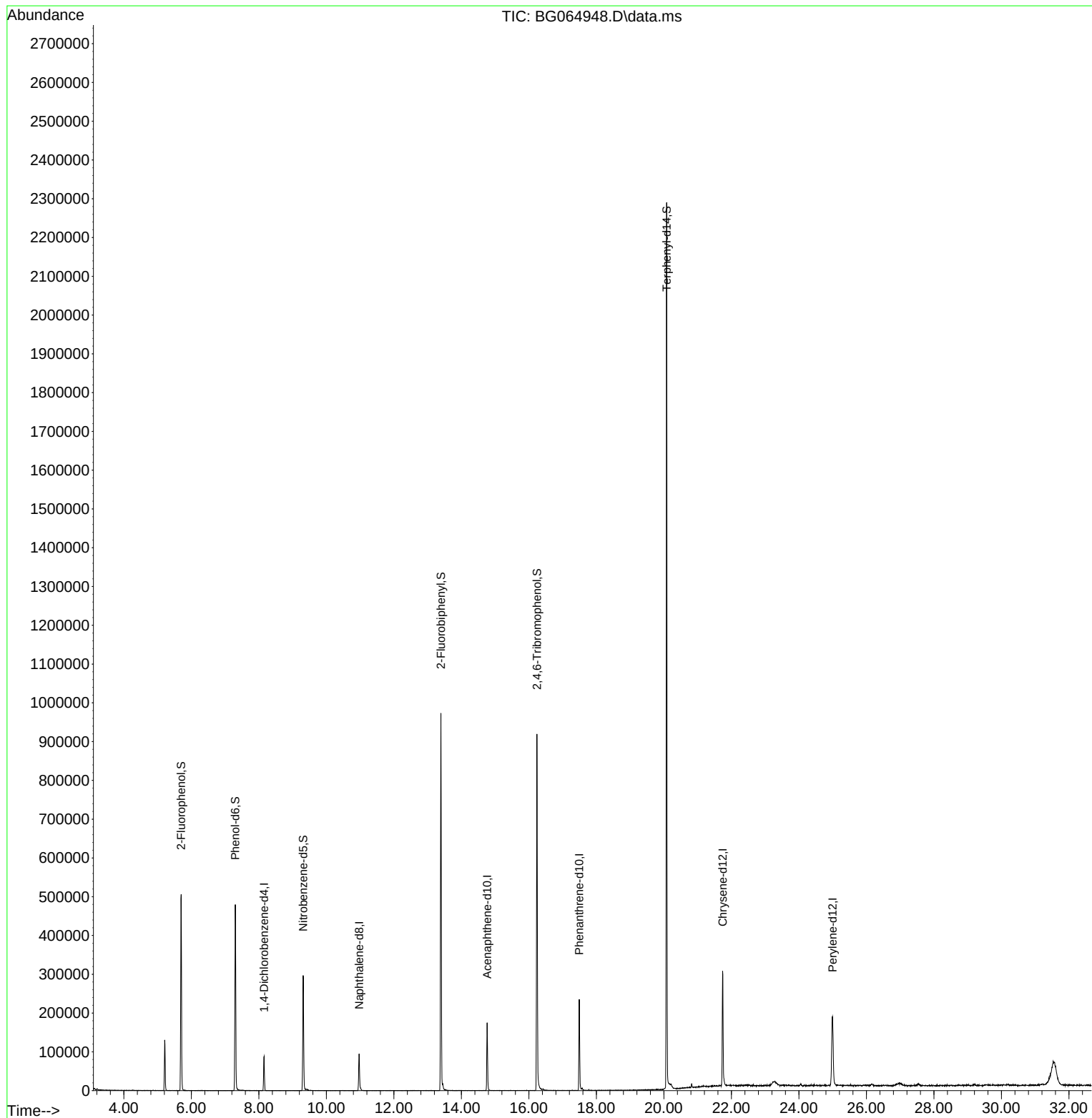
Target Compounds	Qvalue

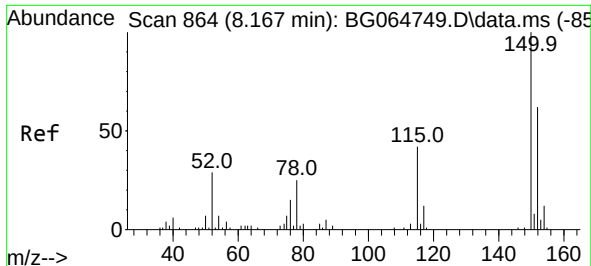
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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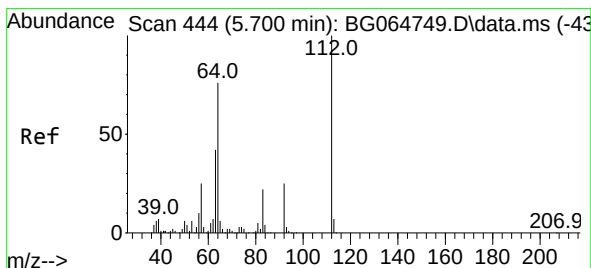
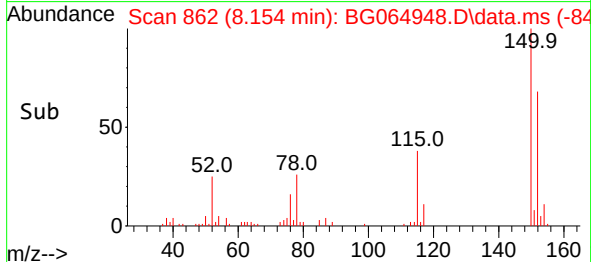
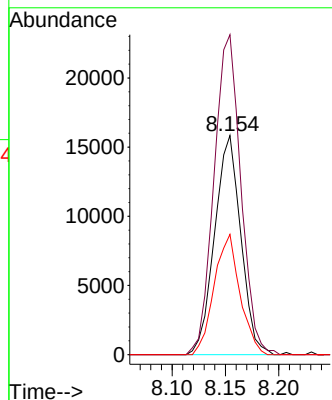
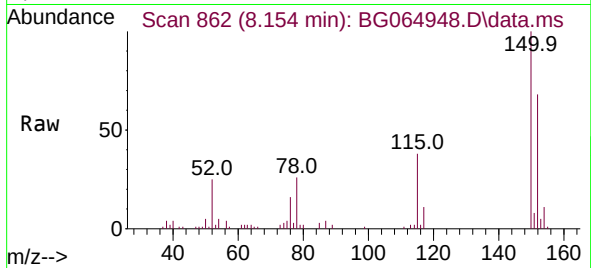




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.154 min Scan# 862
 Delta R.T. -0.013 min
 Lab File: BG064948.D
 Acq: 12 Dec 2025 12:24

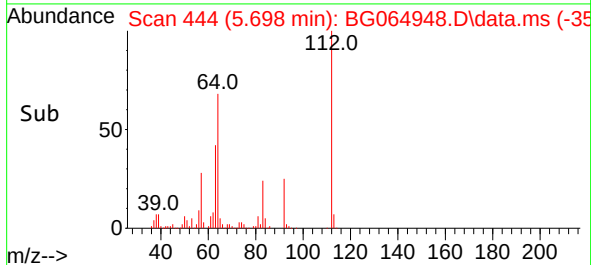
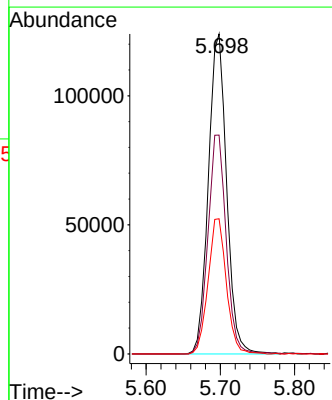
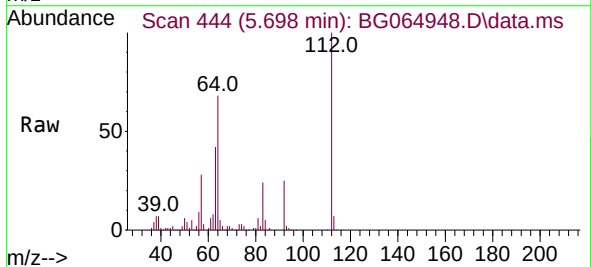
Instrument :
 BNA_G
 ClientSampleId :
 PB170874TB

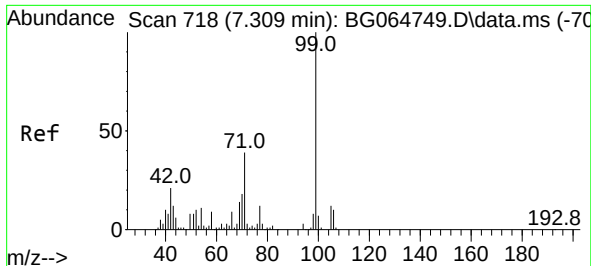
Tgt Ion:152 Resp: 27086
 Ion Ratio Lower Upper
 152 100
 150 146.0 129.2 193.8
 115 54.9 53.7 80.5



#5
 2-Fluorophenol
 Concen: 136.637 ng
 RT: 5.698 min Scan# 444
 Delta R.T. -0.001 min
 Lab File: BG064948.D
 Acq: 12 Dec 2025 12:24

Tgt Ion:112 Resp: 211941
 Ion Ratio Lower Upper
 112 100
 64 68.4 61.0 91.4
 63 42.2 33.3 49.9

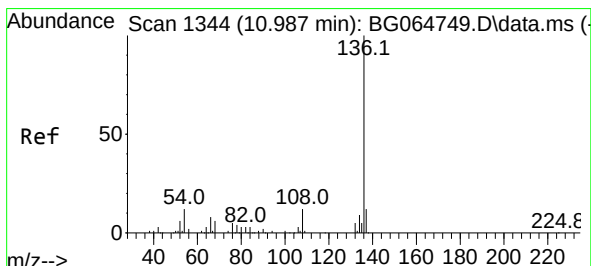
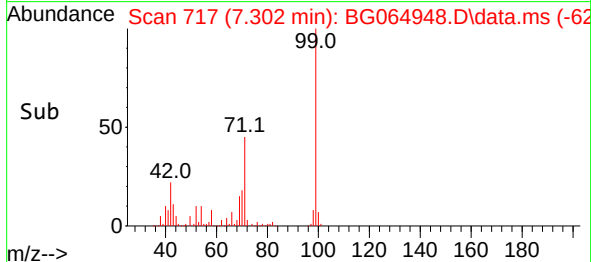
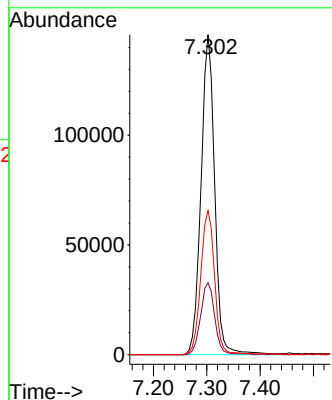
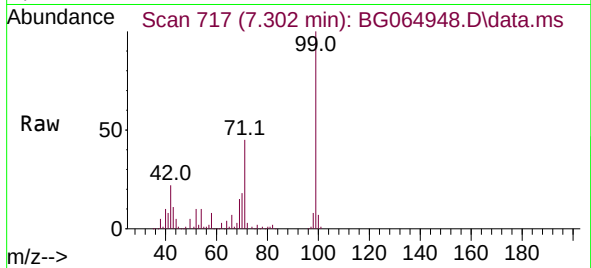




#7
Phenol-d6
Concen: 125.511 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

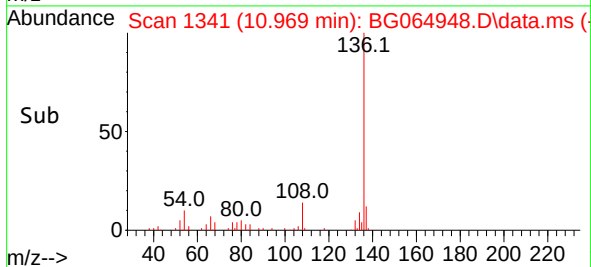
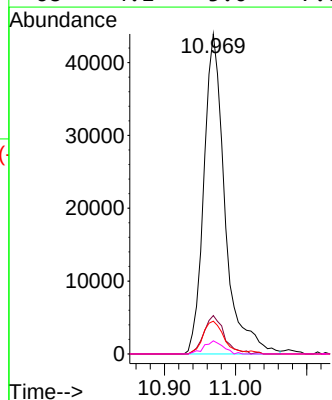
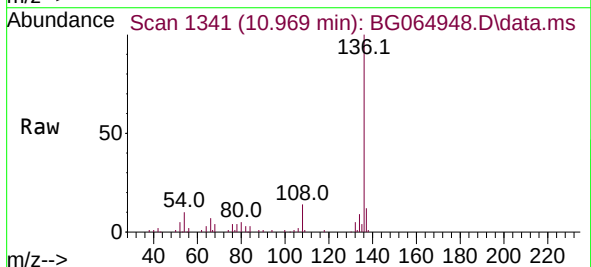
Instrument :
BNA_G
ClientSampleId :
PB170874TB

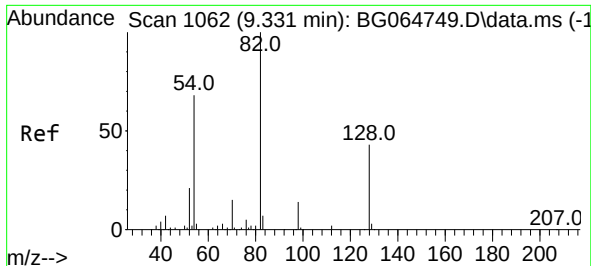
Tgt Ion: 99 Resp: 258938
Ion Ratio Lower Upper
99 100
42 22.5 16.8 25.2
71 45.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.969 min Scan# 1341
Delta R.T. -0.018 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:136 Resp: 90427
Ion Ratio Lower Upper
136 100
137 12.0 9.3 13.9
54 10.2 9.3 13.9
68 4.1 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 95.431 ng

RT: 9.312 min Scan# 10

Delta R.T. -0.019 min

Lab File: BG064948.D

Acq: 12 Dec 2025 12:24

Instrument :

BNA_G

ClientSampleId :

PB170874TB

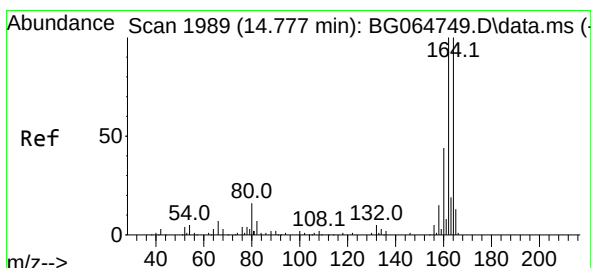
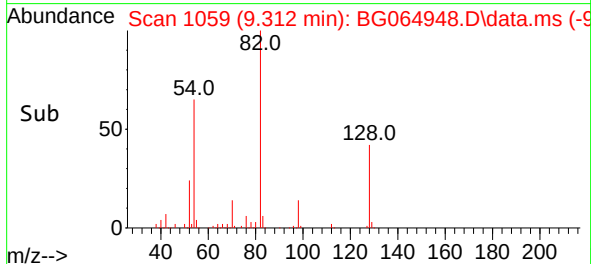
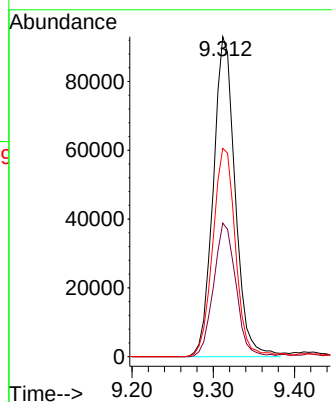
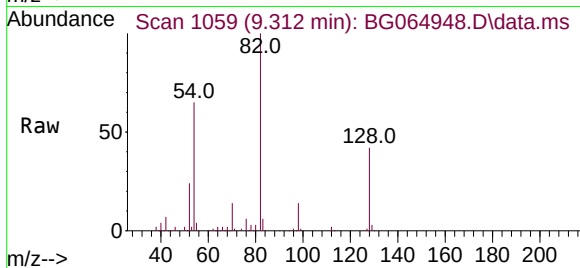
Tgt Ion: 82 Resp: 174536

Ion Ratio Lower Upper

82 100

128 41.7 34.1 51.1

54 65.1 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.764 min Scan# 1987

Delta R.T. -0.013 min

Lab File: BG064948.D

Acq: 12 Dec 2025 12:24

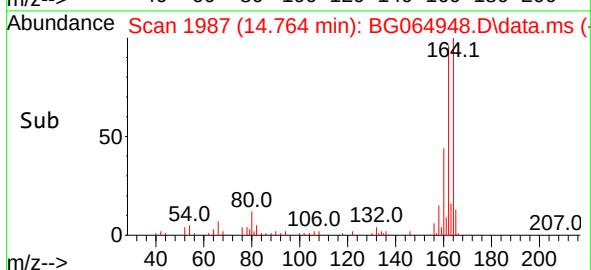
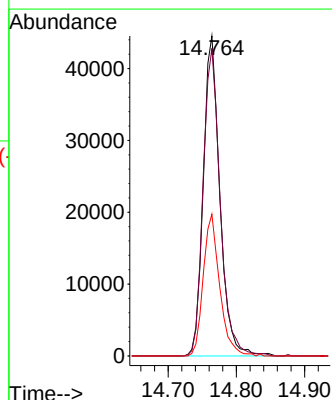
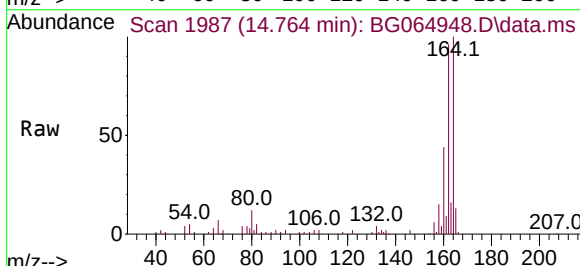
Tgt Ion: 164 Resp: 75129

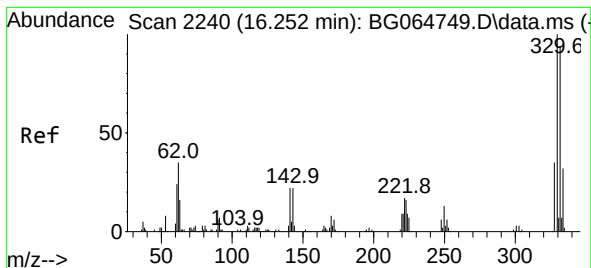
Ion Ratio Lower Upper

164 100

162 96.1 79.8 119.6

160 44.3 34.9 52.3

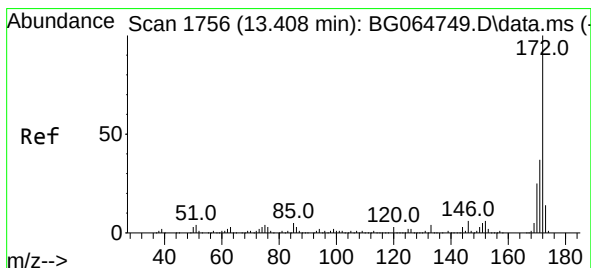
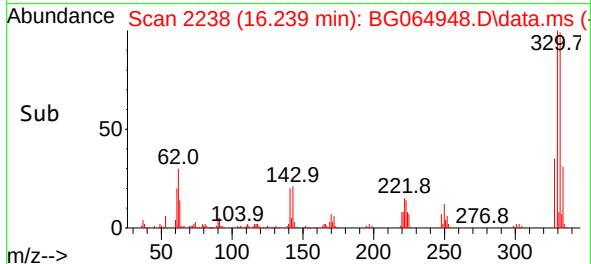
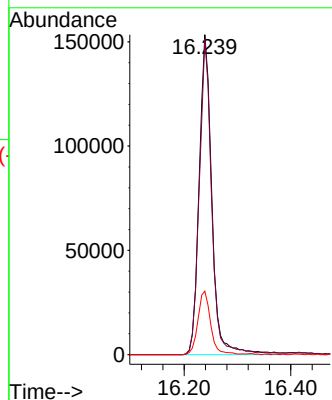
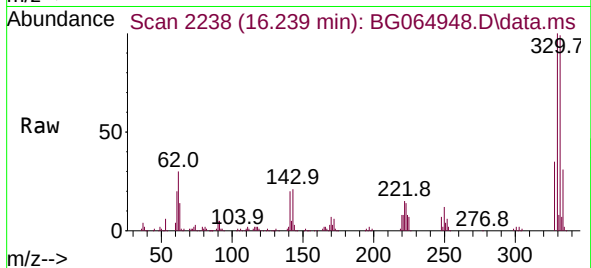




#42
 2,4,6-Tribromophenol
 Concen: 173.379 ng
 RT: 16.239 min Scan# 21
 Delta R.T. -0.013 min
 Lab File: BG064948.D
 Acq: 12 Dec 2025 12:24

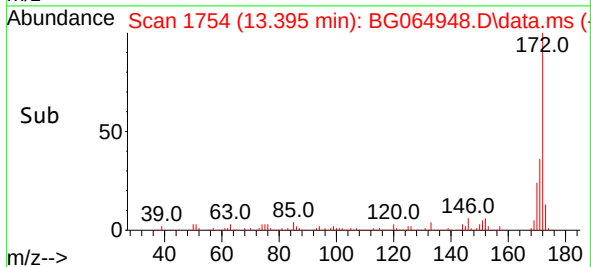
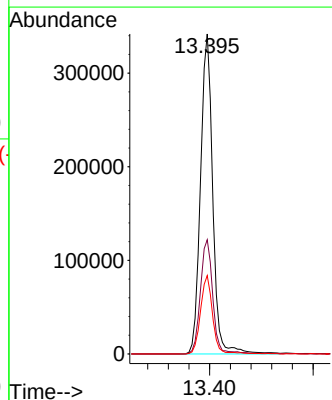
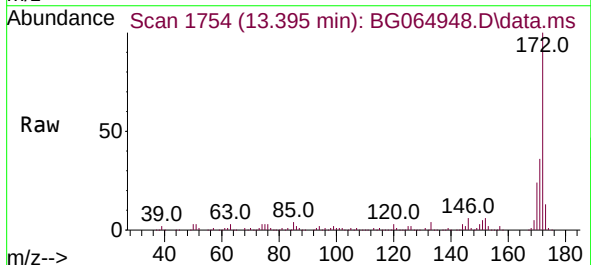
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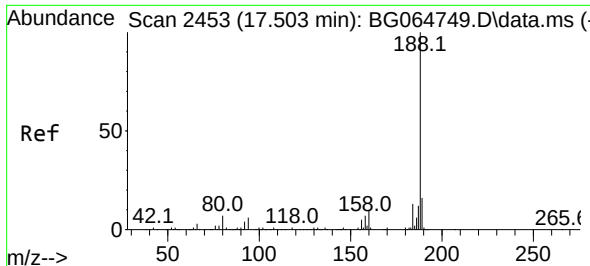
Tgt Ion:330 Resp: 254043
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 19.8 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 104.099 ng
 RT: 13.395 min Scan# 1754
 Delta R.T. -0.013 min
 Lab File: BG064948.D
 Acq: 12 Dec 2025 12:24

Tgt Ion:172 Resp: 560495
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 24.5 19.8 29.6

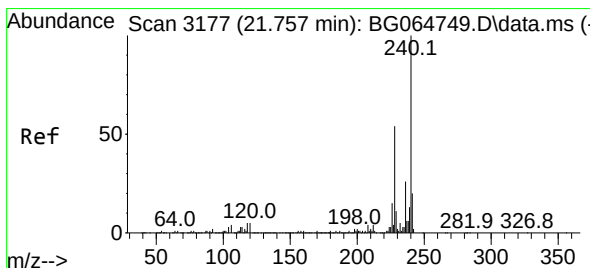
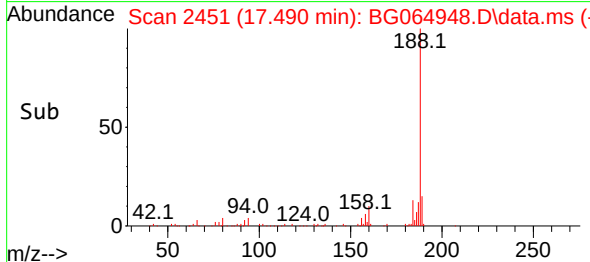
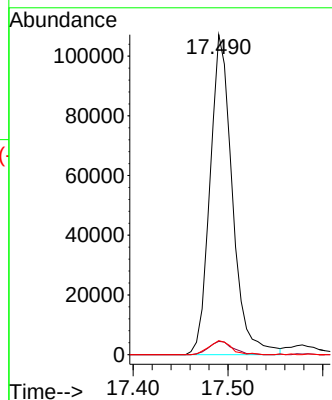
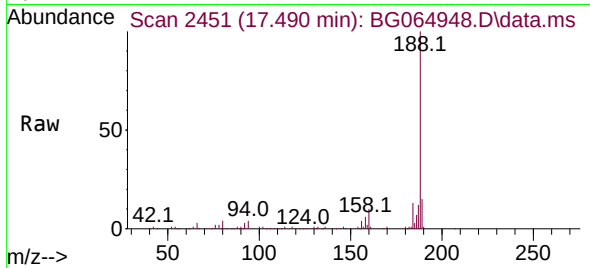




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.490 min Scan# 2453
Delta R.T. -0.013 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

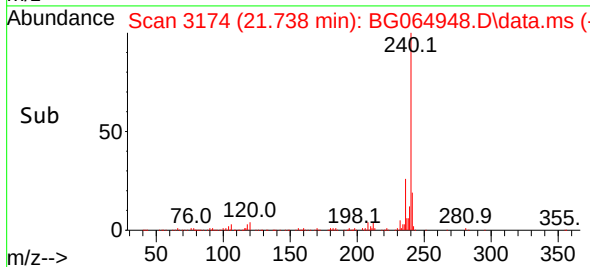
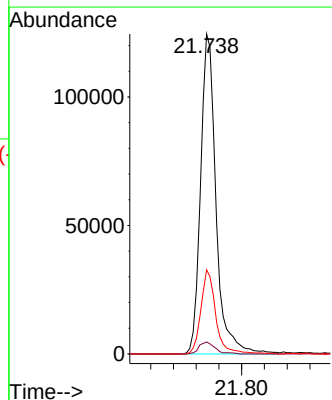
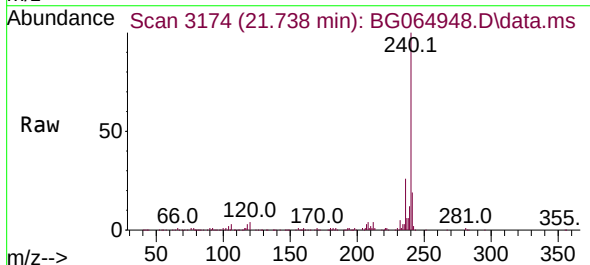
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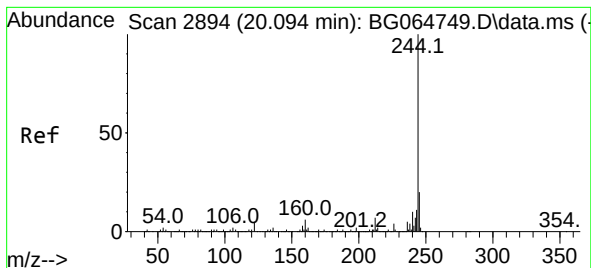
Tgt Ion:188 Resp: 175739
Ion Ratio Lower Upper
188 100
94 4.1 4.7 7.1#
80 4.4 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.738 min Scan# 3174
Delta R.T. -0.019 min
Lab File: BG064948.D
Acq: 12 Dec 2025 12:24

Tgt Ion:240 Resp: 233950
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.4#
236 26.3 20.8 31.2





#79

Terphenyl-d14

Concen: 111.497 ng

RT: 20.081 min Scan# 2892

Delta R.T. -0.013 min

Lab File: BG064948.D

Acq: 12 Dec 2025 12:24

Instrument :

BNA_G

ClientSampleId :

PB170874TB

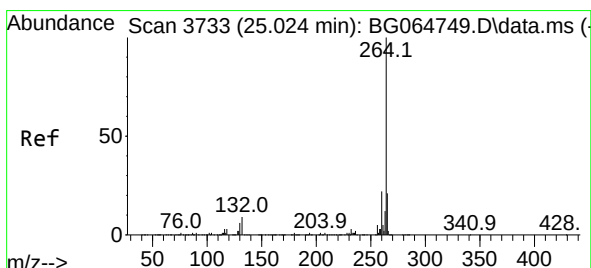
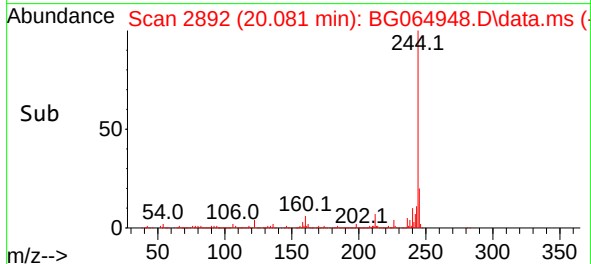
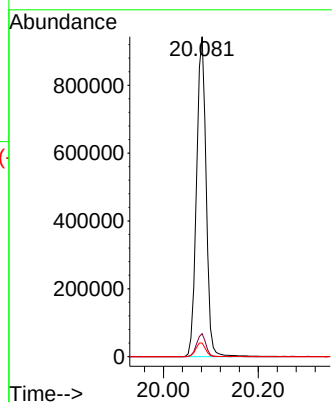
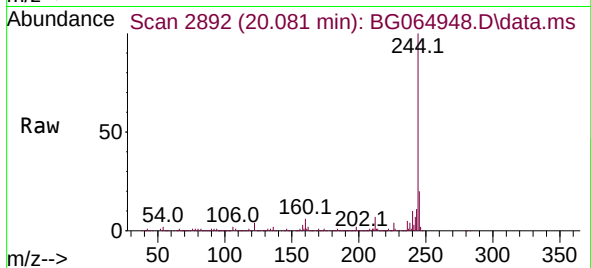
Tgt Ion:244 Resp: 1326053

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

122 4.2 4.3 6.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.993 min Scan# 3728

Delta R.T. -0.031 min

Lab File: BG064948.D

Acq: 12 Dec 2025 12:24

Tgt Ion:264 Resp: 255464

Ion Ratio Lower Upper

264 100

260 22.0 17.2 25.8

265 21.5 16.6 25.0

