

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064655.D
 Acq On : 31 Oct 2025 14:04
 Operator : RC/JU
 Sample : PB170342BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170342BL

Quant Time: Oct 31 14:53:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	32799	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	120221	20.000	ng	0.00
39) Acenaphthene-d10	14.838	164	93132	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	243524	20.000	ng	0.00
76) Chrysene-d12	21.848	240	334581	20.000	ng	#-0.02
86) Perylene-d12	25.191	264	373244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	259415	132.756	ng	0.00
7) Phenol-d6	7.353	99	335822	125.242	ng	0.00
23) Nitrobenzene-d5	9.380	82	209957	104.895	ng	-0.01
42) 2,4,6-Tribromophenol	16.319	330	212546	158.124	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	540998	88.049	ng	0.00
79) Terphenyl-d14	20.167	244	1501270	84.677	ng	0.00

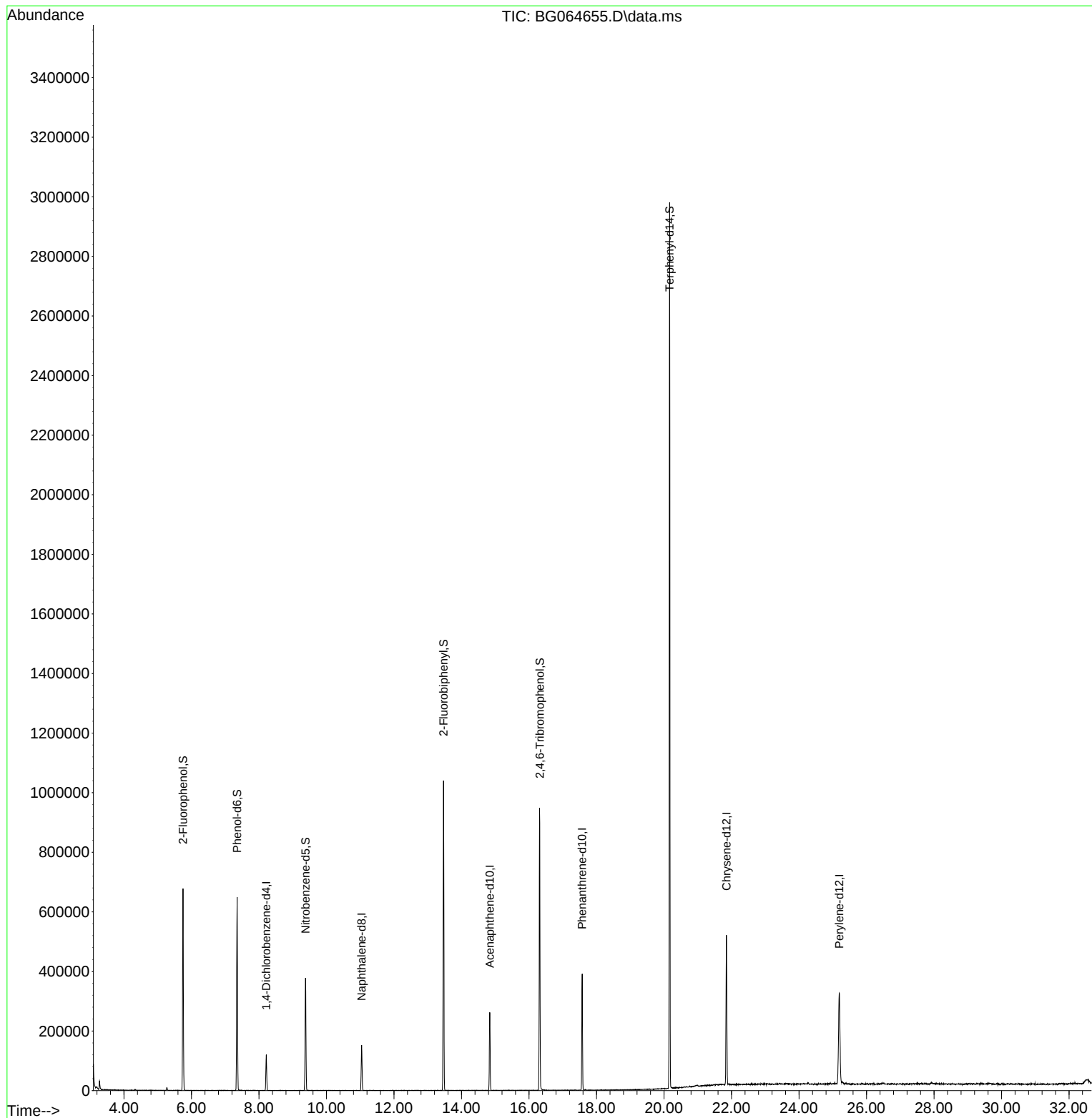
Target Compounds Qvalue

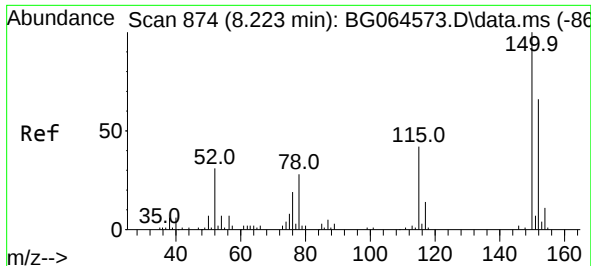
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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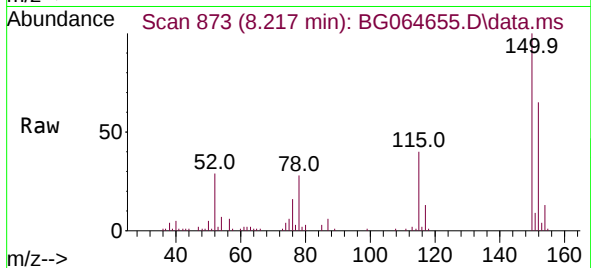
Quant Time: Oct 31 14:53:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
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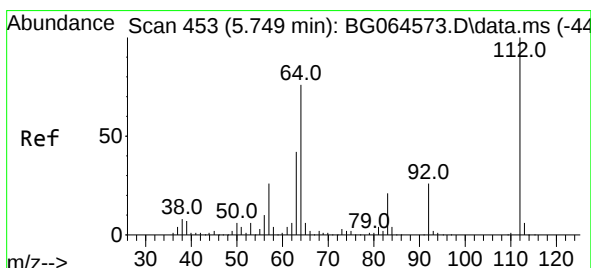
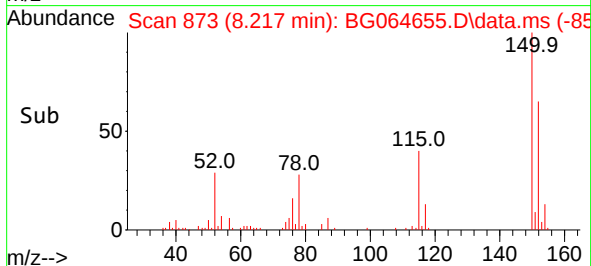
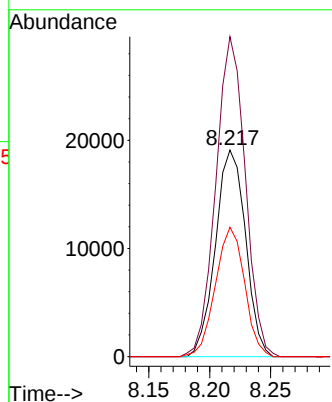


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Instrument :
BNA_G
ClientSampleId :
PB170342BL

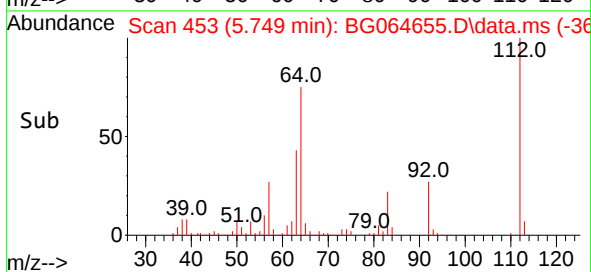
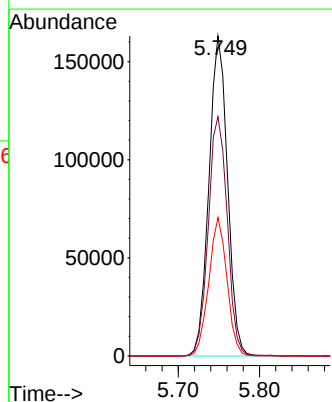
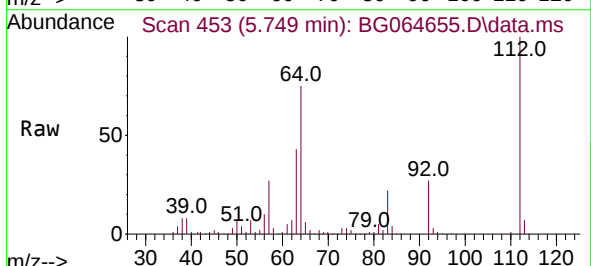


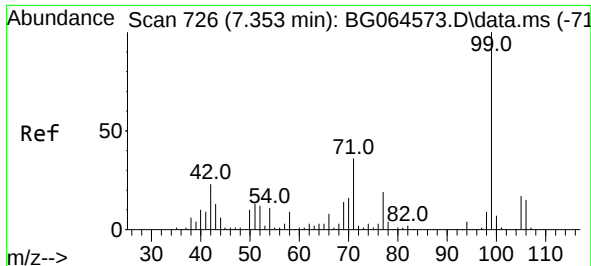
Tgt Ion:152 Resp: 32799
Ion Ratio Lower Upper
152 100
150 155.0 122.2 183.4
115 62.6 50.8 76.2



#5
2-Fluorophenol
Concen: 132.756 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion:112 Resp: 259415
Ion Ratio Lower Upper
112 100
64 74.8 60.7 91.1
63 43.2 33.4 50.0

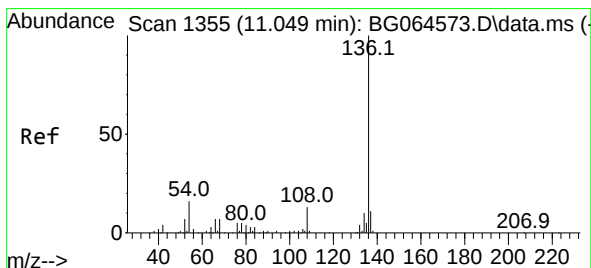
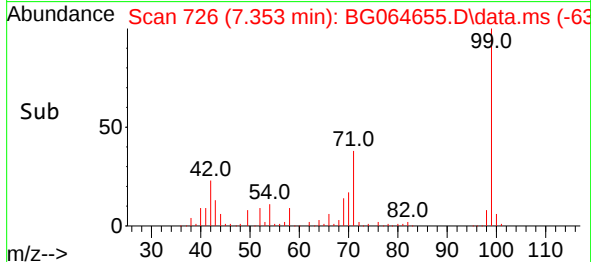
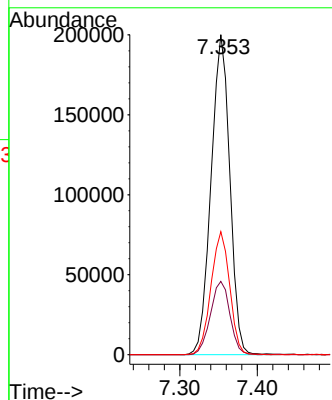
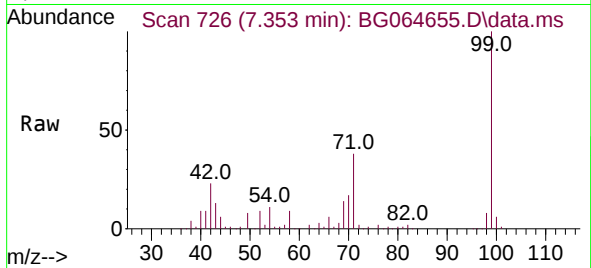




#7
Phenol-d6
Concen: 125.242 ng
RT: 7.353 min Scan# 71
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

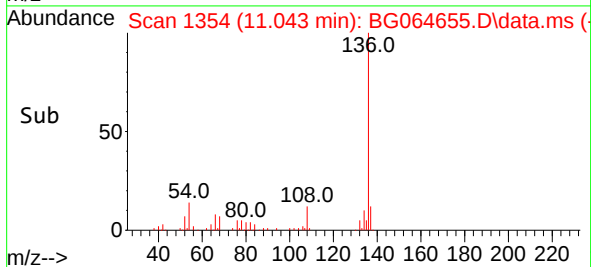
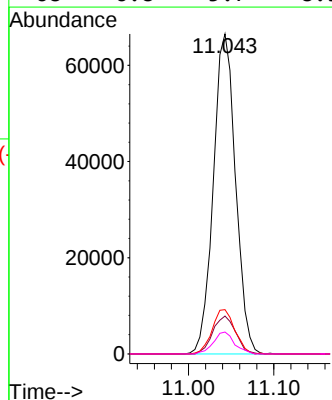
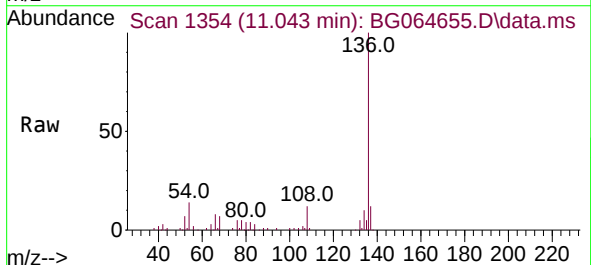
Instrument :
BNA_G
ClientSampleId :
PB170342BL

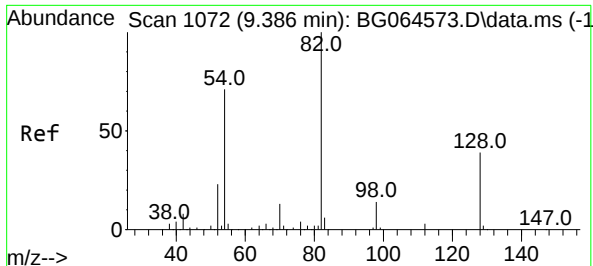
Tgt Ion: 99 Resp: 335822
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 38.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion:136 Resp: 120221
Ion Ratio Lower Upper
136 100
137 11.8 9.2 13.8
54 13.8 12.6 19.0
68 6.8 5.7 8.5





#23

Nitrobenzene-d5

Concen: 104.895 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064655.D

Acq: 31 Oct 2025 14:04

Instrument :

BNA_G

ClientSampleId :

PB170342BL

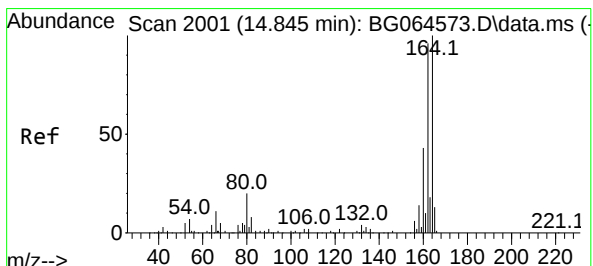
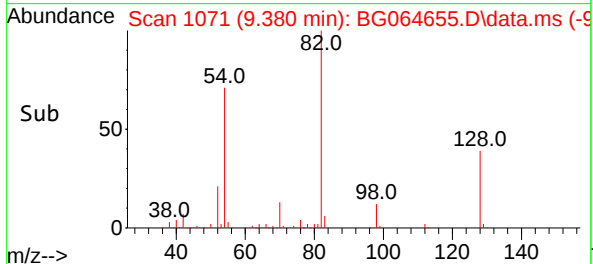
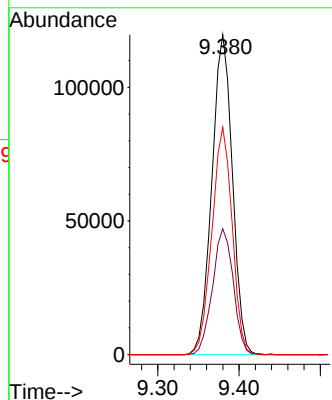
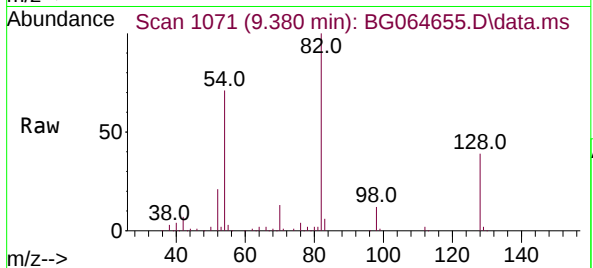
Tgt Ion: 82 Resp: 209957

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 71.1 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.838 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG064655.D

Acq: 31 Oct 2025 14:04

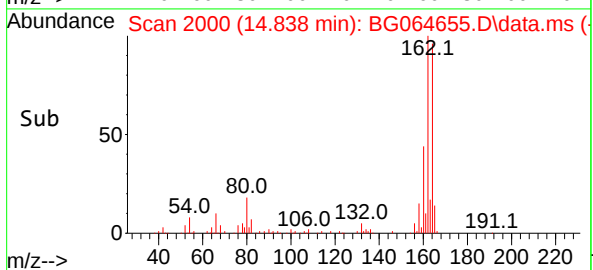
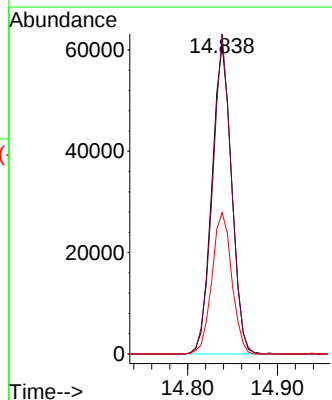
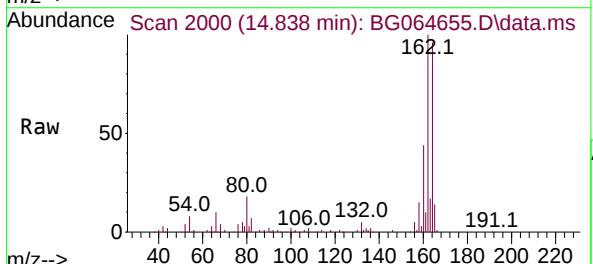
Tgt Ion: 164 Resp: 93132

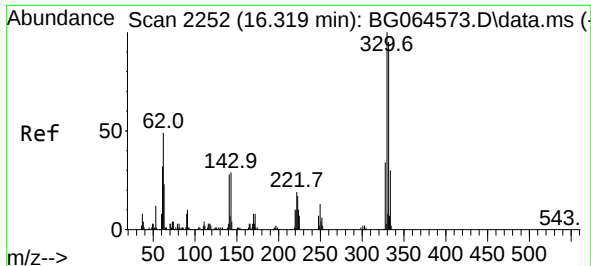
Ion Ratio Lower Upper

164 100

162 103.8 77.0 115.6

160 45.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 158.124 ng

RT: 16.319 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064655.D

Acq: 31 Oct 2025 14:04

Instrument :

BNA_G

ClientSampleId :

PB170342BL

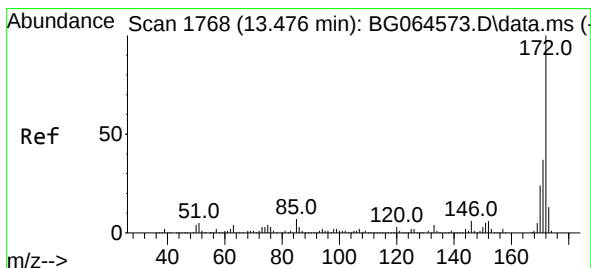
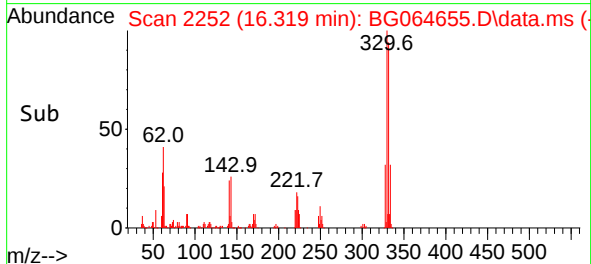
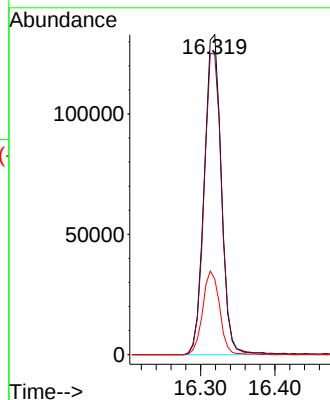
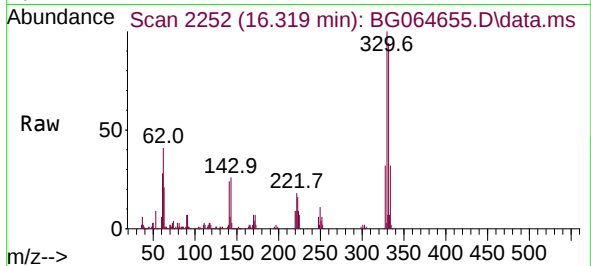
Tgt Ion:330 Resp: 212546

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 25.8 21.8 32.6



#45

2-Fluorobiphenyl

Concen: 88.049 ng

RT: 13.469 min Scan# 1767

Delta R.T. -0.010 min

Lab File: BG064655.D

Acq: 31 Oct 2025 14:04

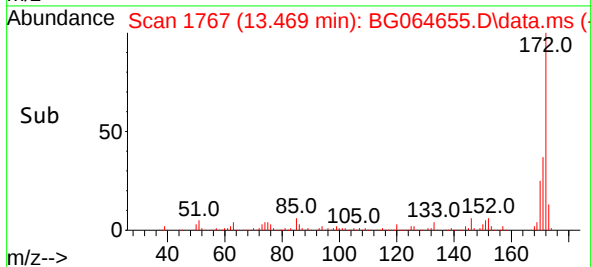
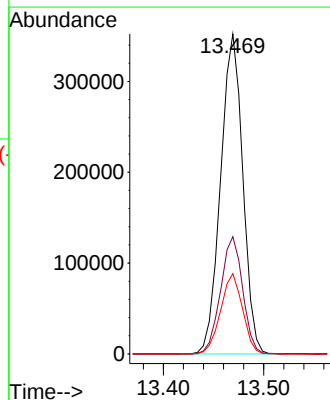
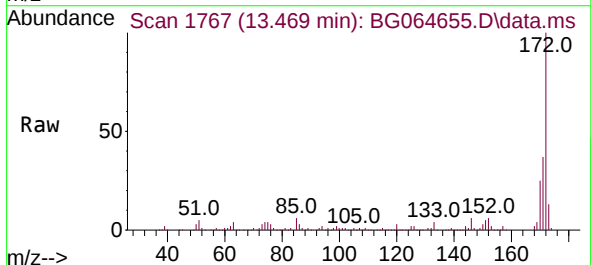
Tgt Ion:172 Resp: 540998

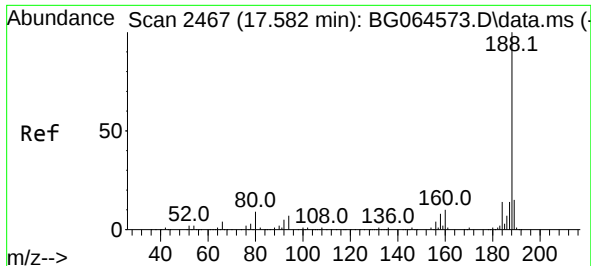
Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

170 25.1 19.1 28.7

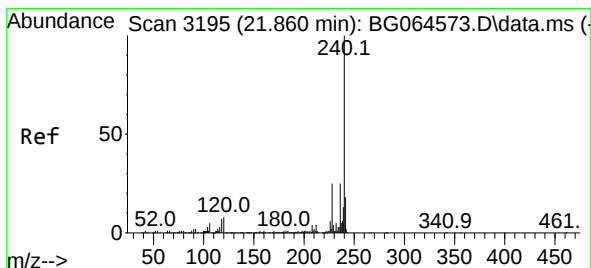
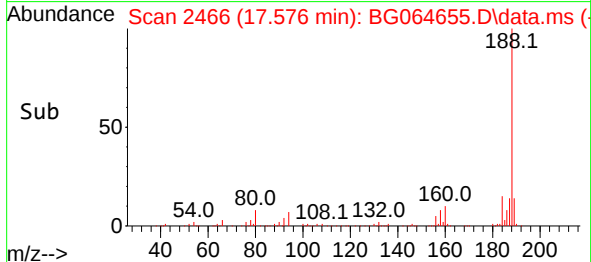
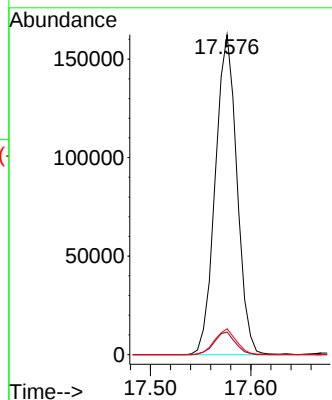
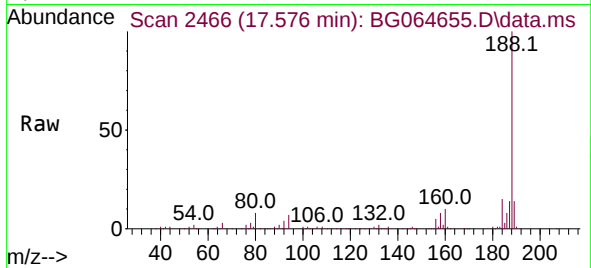




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

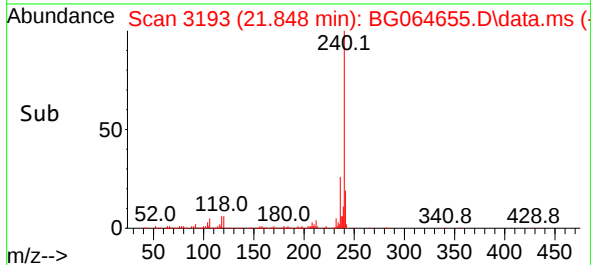
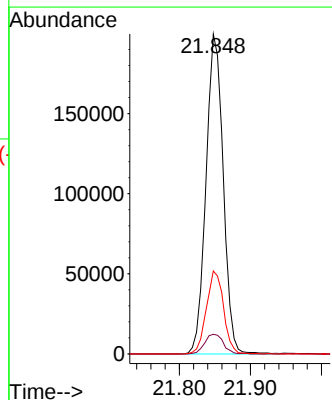
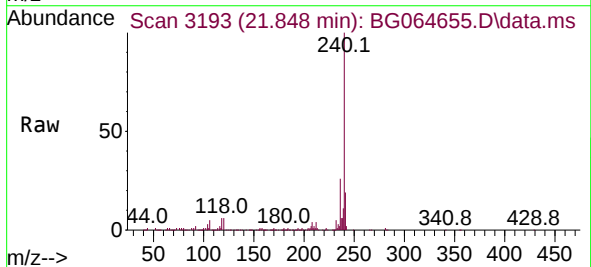
Instrument :
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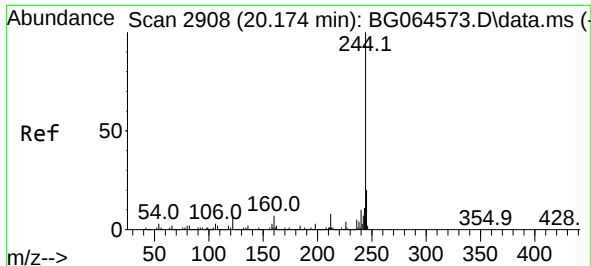
Tgt Ion:188 Resp: 243524
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.016 min
Lab File: BG064655.D
Acq: 31 Oct 2025 14:04

Tgt Ion:240 Resp: 334581
Ion Ratio Lower Upper
240 100
120 6.1 6.5 9.7#
236 25.9 20.2 30.2

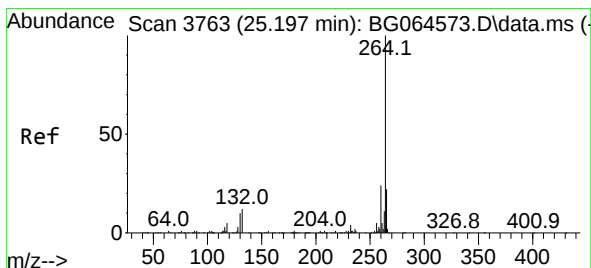
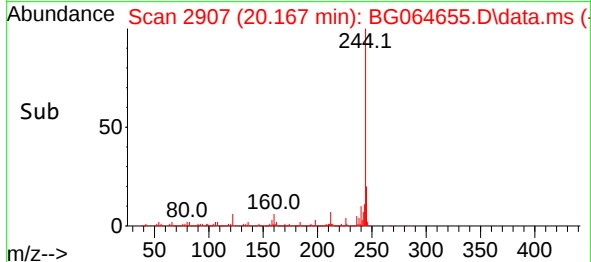
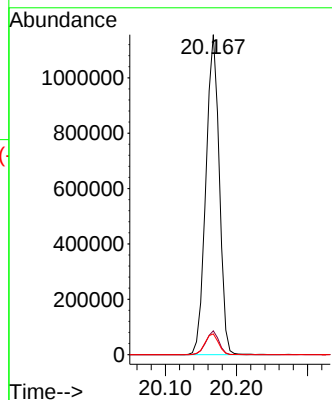
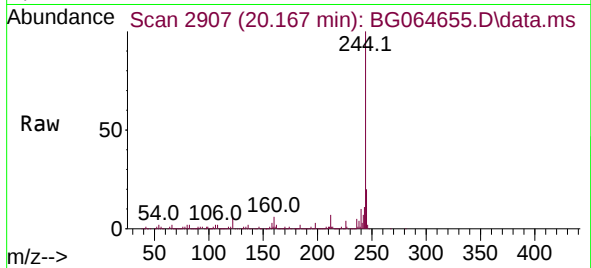




#79
 Terphenyl-d14
 Concen: 84.677 ng
 RT: 20.167 min Scan# 2907
 Delta R.T. -0.010 min
 Lab File: BG064655.D
 Acq: 31 Oct 2025 14:04

Instrument :
 BNA_G
 ClientSampleId :
 PB170342BL

Tgt Ion:244 Resp: 1501270
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.191 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064655.D
 Acq: 31 Oct 2025 14:04

Tgt Ion:264 Resp: 373244
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 20.1 17.6 26.4

