

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103025\
 Data File : BG064650.D
 Acq On : 30 Oct 2025 21:13
 Operator : RC/JU
 Sample : Q3482-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: Oct 31 01:49:51 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	8.222	152	28758	20.000	ng	0.00
21) Naphthalene-d8	11.042	136	111288	20.000	ng	-0.01
39) Acenaphthene-d10	14.838	164	81025	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	190984	20.000	ng	0.00
76) Chrysene-d12	21.847	240	263519	20.000	ng	#-0.02
86) Perylene-d12	25.190	264	303646	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	90794	52.993	ng	0.00
7) Phenol-d6	7.347	99	147843	62.884	ng	-0.01
23) Nitrobenzene-d5	9.380	82	102016	55.058	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	48832	41.757	ng	-0.01
45) 2-Fluorobiphenyl	13.469	172	261248	48.872	ng	-0.01
79) Terphenyl-d14	20.167	244	614932	44.038	ng	-0.01

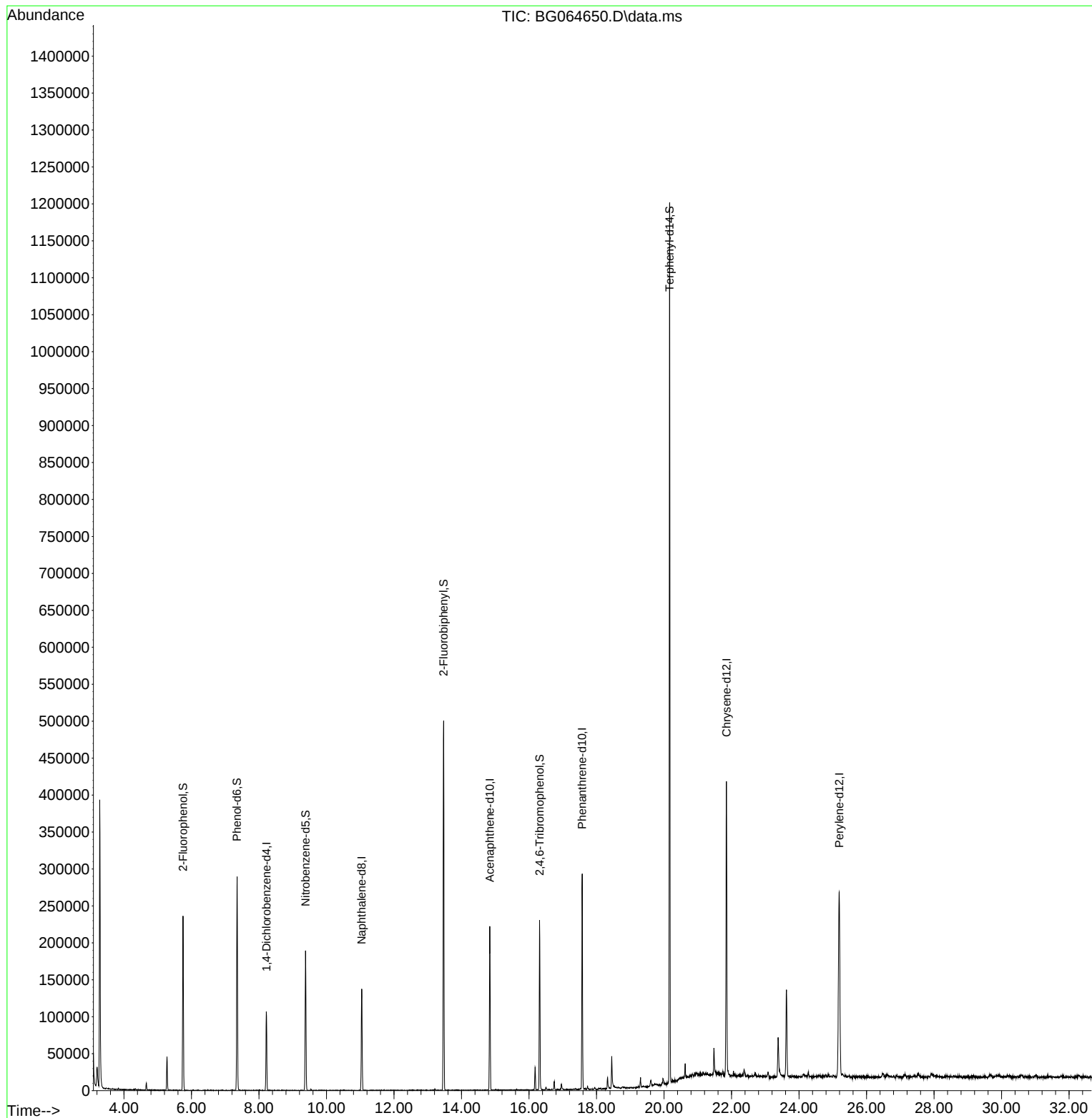
Target Compounds	Qvalue

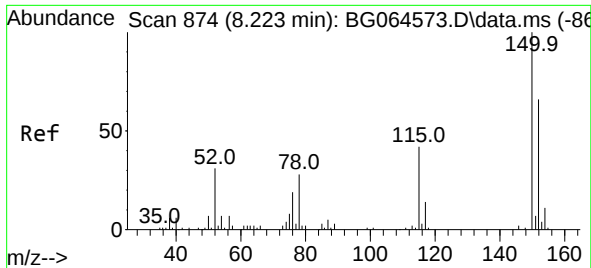
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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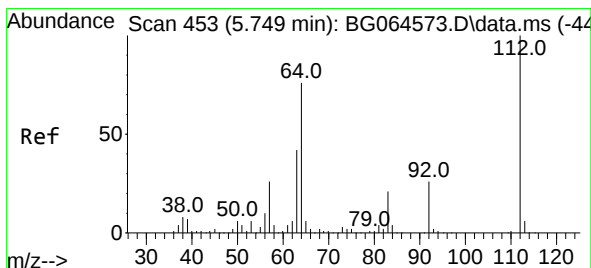
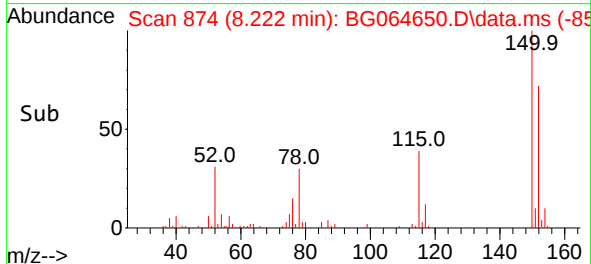
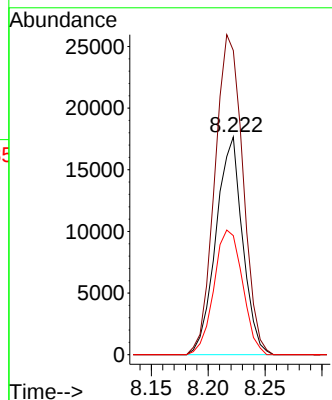
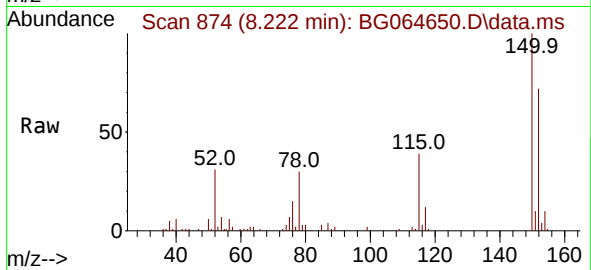




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

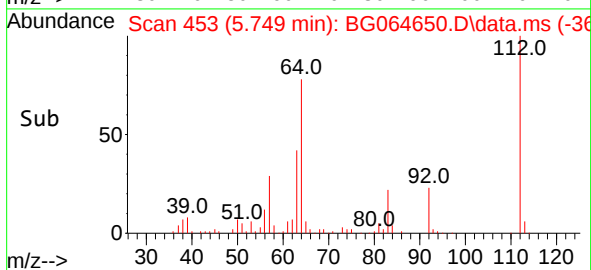
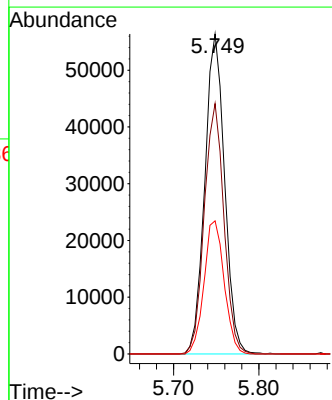
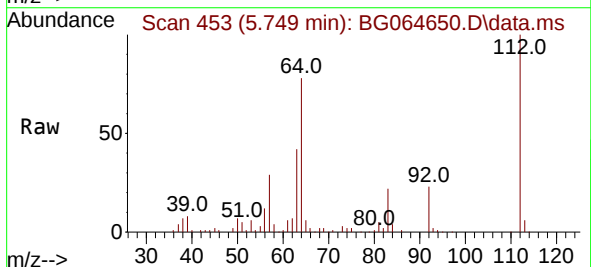
Instrument :
BNA_G
ClientSampleId :
WC-3

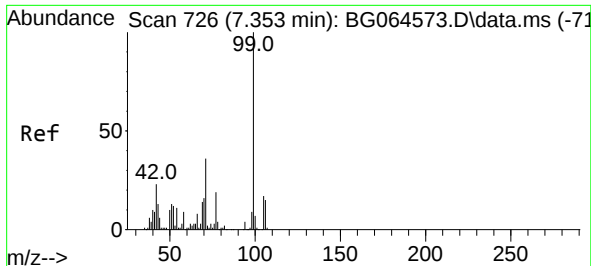
Tgt Ion:152 Resp: 28758
Ion Ratio Lower Upper
152 100
150 139.7 122.2 183.4
115 54.7 50.8 76.2



#5
2-Fluorophenol
Concen: 52.993 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

Tgt Ion:112 Resp: 90794
Ion Ratio Lower Upper
112 100
64 78.3 60.7 91.1
63 41.6 33.4 50.0

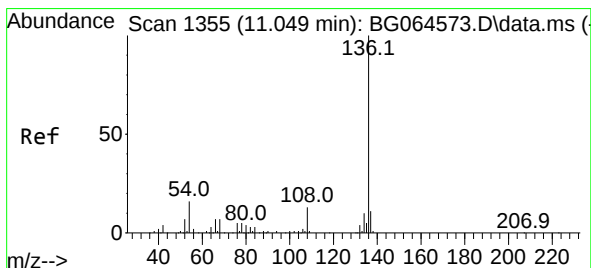
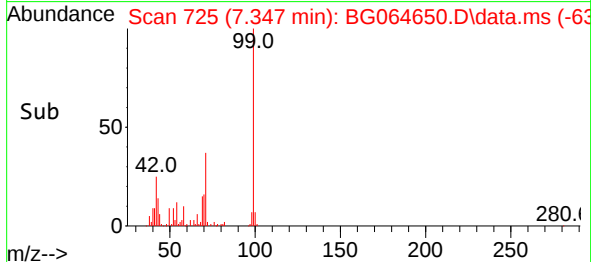
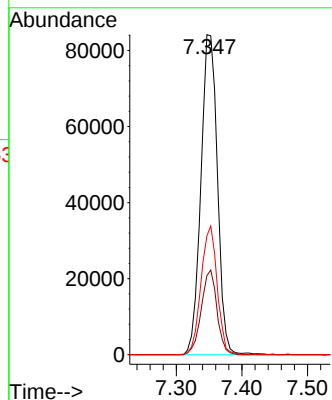
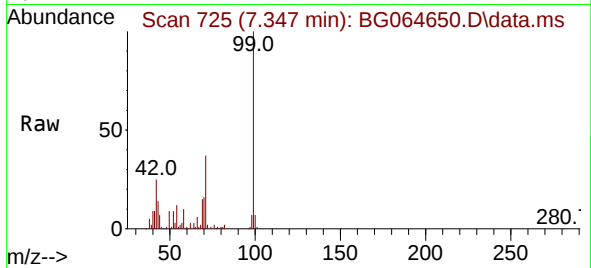




#7
Phenol-d6
Concen: 62.884 ng
RT: 7.347 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

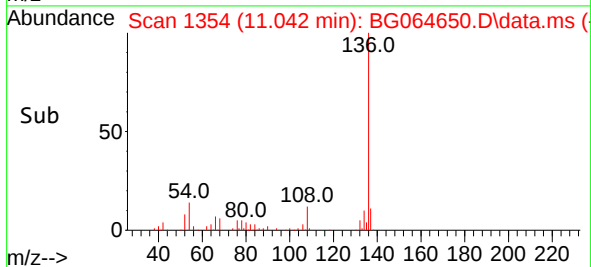
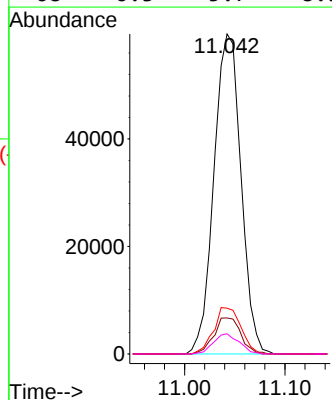
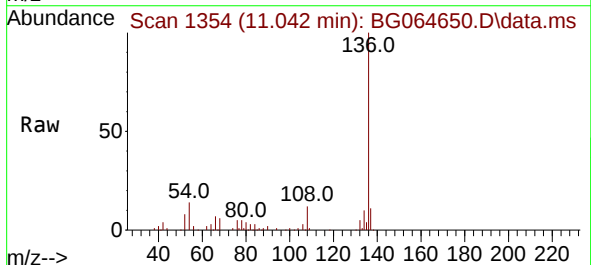
Instrument :
BNA_G
ClientSampleId :
WC-3

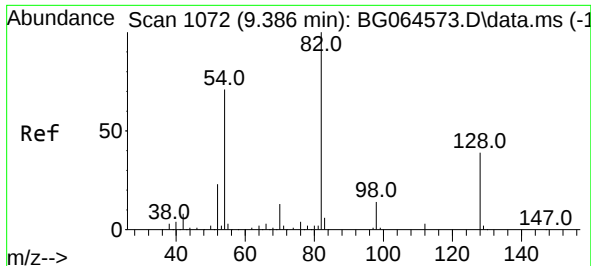
Tgt Ion: 99 Resp: 147843
Ion Ratio Lower Upper
99 100
42 24.7 18.3 27.5
71 37.2 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.042 min Scan# 1354
Delta R.T. -0.010 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

Tgt Ion: 136 Resp: 111288
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 14.3 12.6 19.0
68 6.3 5.7 8.5





#23

Nitrobenzene-d5

Concen: 55.058 ng

RT: 9.380 min Scan# 1072

Delta R.T. -0.010 min

Lab File: BG064650.D

Acq: 30 Oct 2025 21:13

Instrument :

BNA_G

ClientSampleId :

WC-3

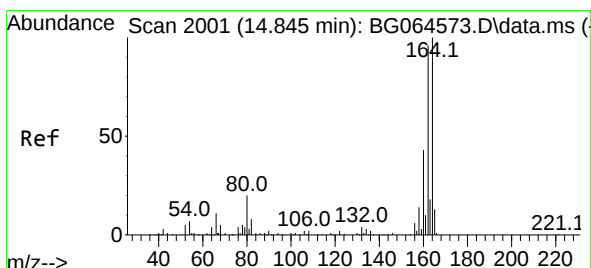
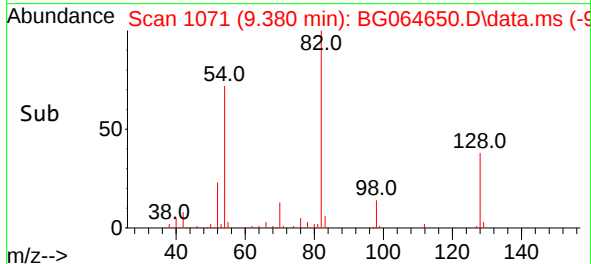
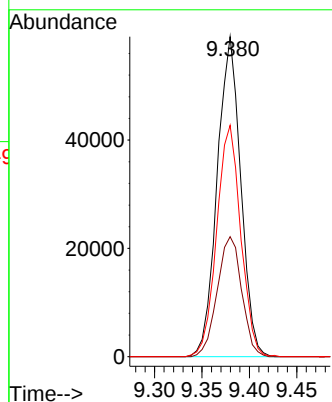
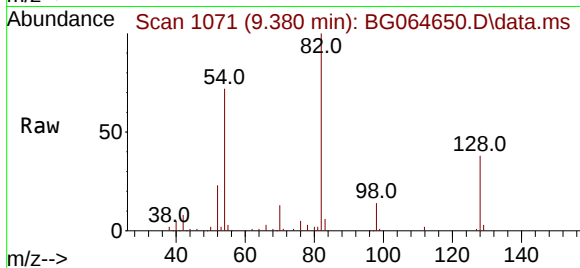
Tgt Ion: 82 Resp: 102016

Ion Ratio Lower Upper

82 100

128 37.5 31.3 46.9

54 72.3 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: BG064650.D

Acq: 30 Oct 2025 21:13

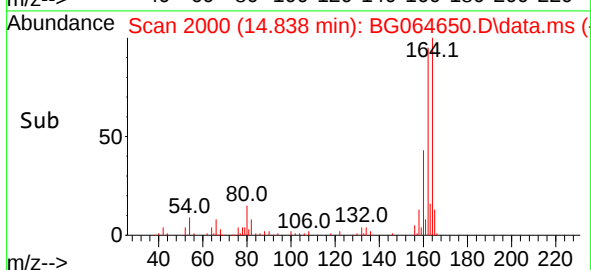
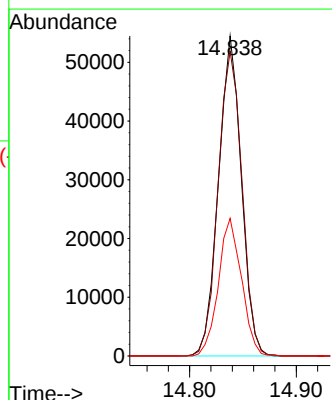
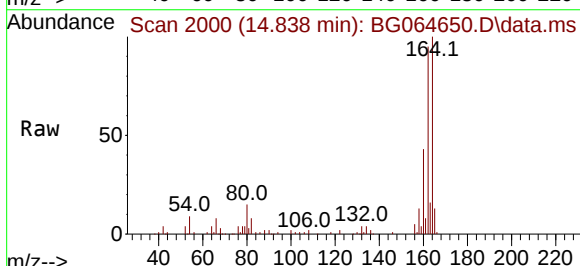
Tgt Ion: 164 Resp: 81025

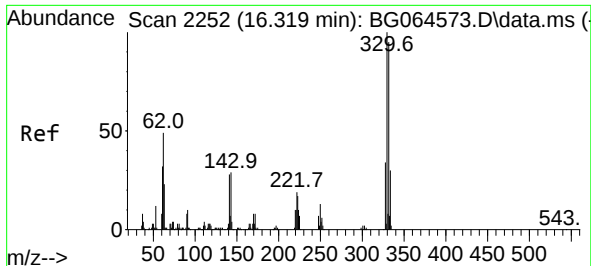
Ion Ratio Lower Upper

164 100

162 95.2 77.0 115.6

160 43.0 34.4 51.6

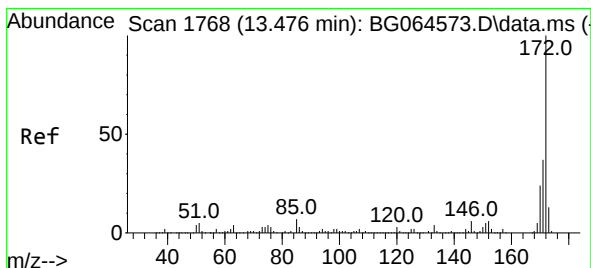
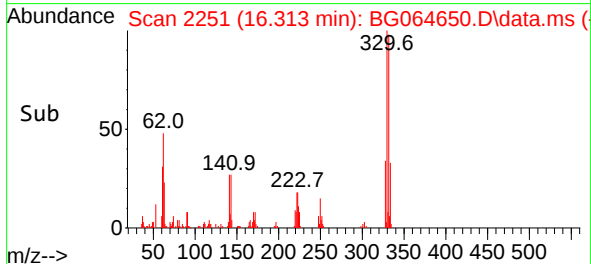
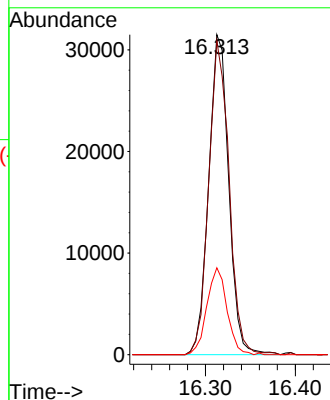
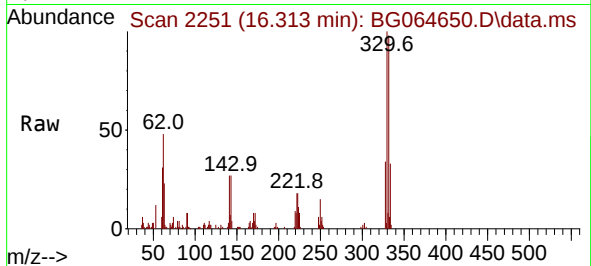




#42
2,4,6-Tribromophenol
Concen: 41.757 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

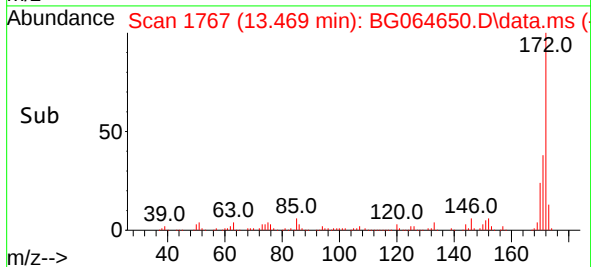
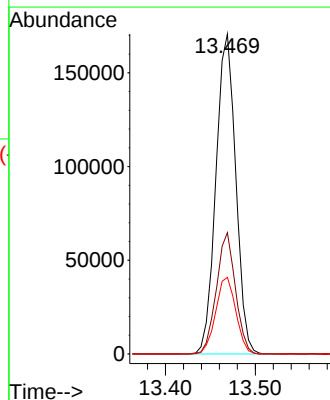
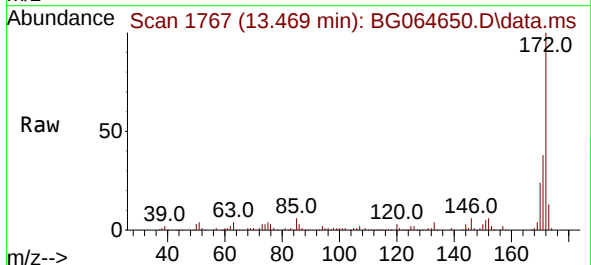
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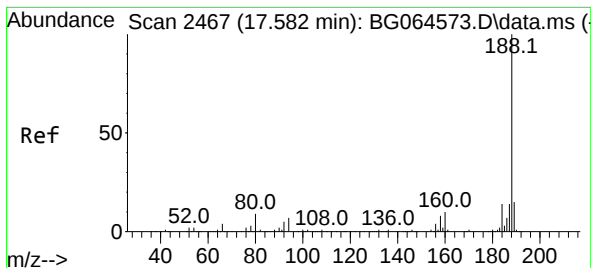
Tgt Ion:330 Resp: 48832
Ion Ratio Lower Upper
330 100
332 99.6 78.0 117.0
141 27.3 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 48.872 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064650.D
Acq: 30 Oct 2025 21:13

Tgt Ion:172 Resp: 261248
Ion Ratio Lower Upper
172 100
171 37.9 29.4 44.0
170 24.0 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: BG064650.D

Acq: 30 Oct 2025 21:13

Instrument :

BNA_G

ClientSampleId :

WC-3

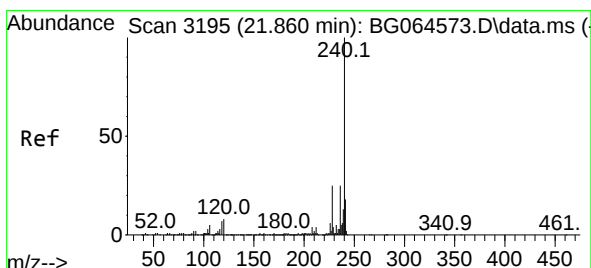
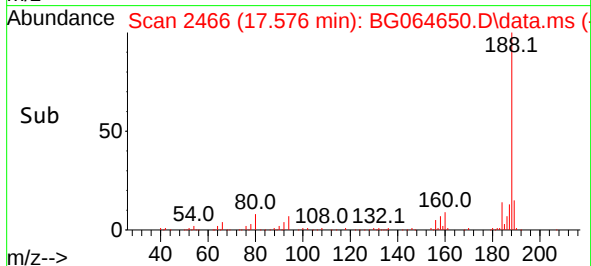
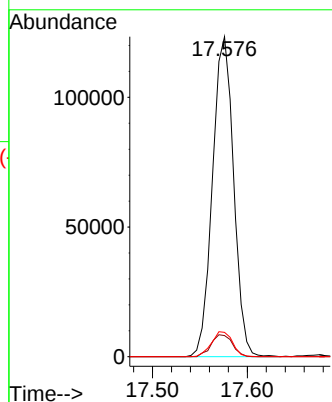
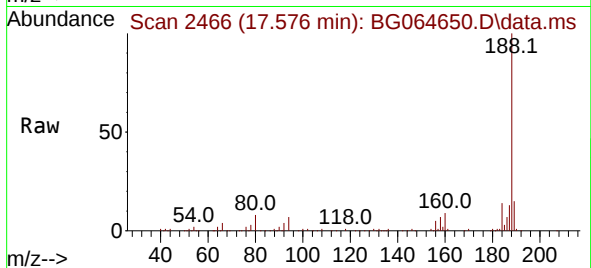
Tgt Ion:188 Resp: 190984

Ion Ratio Lower Upper

188 100

94 6.6 5.7 8.5

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.847 min Scan# 3193

Delta R.T. -0.016 min

Lab File: BG064650.D

Acq: 30 Oct 2025 21:13

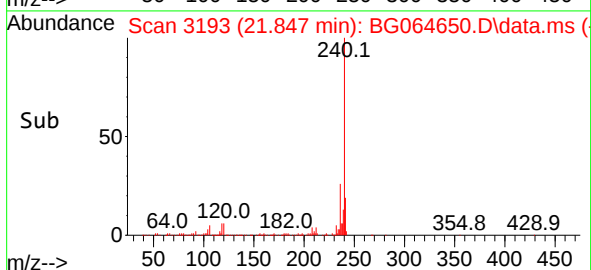
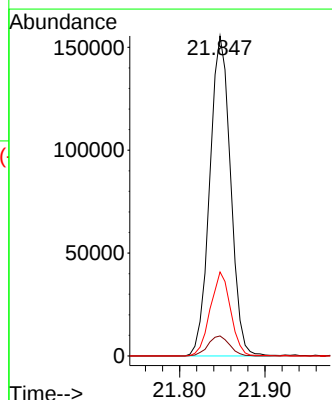
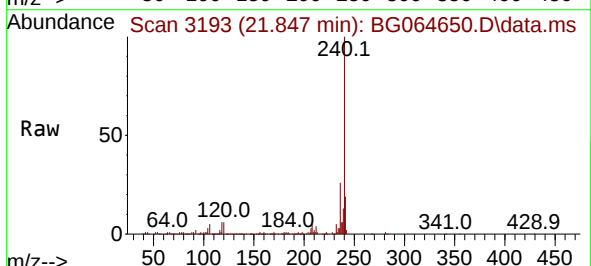
Tgt Ion:240 Resp: 263519

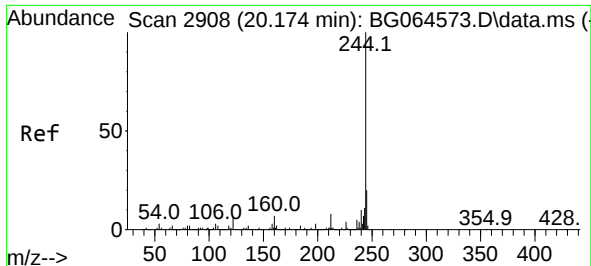
Ion Ratio Lower Upper

240 100

120 6.3 6.5 9.7#

236 26.3 20.2 30.2

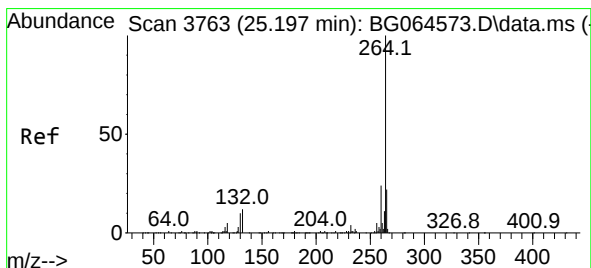
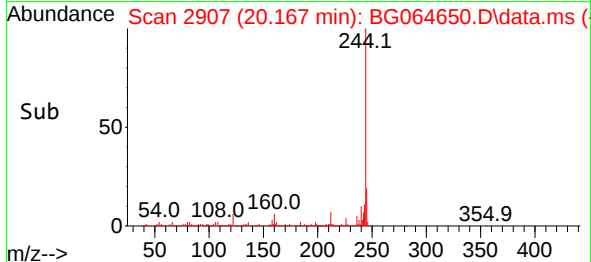
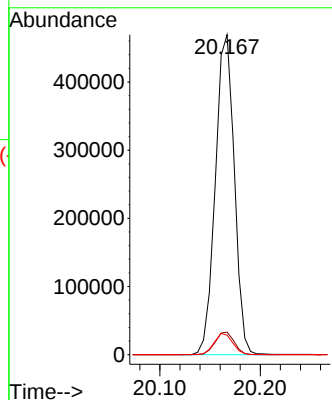
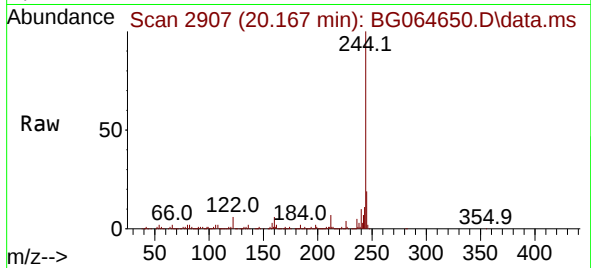




#79
 Terphenyl-d14
 Concen: 44.038 ng
 RT: 20.167 min Scan# 2907
 Delta R.T. -0.010 min
 Lab File: BG064650.D
 Acq: 30 Oct 2025 21:13

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Tgt Ion:244 Resp: 614932
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.190 min Scan# 3762
 Delta R.T. -0.010 min
 Lab File: BG064650.D
 Acq: 30 Oct 2025 21:13

Tgt Ion:264 Resp: 303646
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.4
 265 19.8 17.6 26.4

