

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064945.D
 Acq On : 11 Dec 2025 22:20
 Operator : RC/JU
 Sample : Q3826-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Dec 11 22:56:18 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	8.153	152	19181	20.000	ng	-0.01
21) Naphthalene-d8	10.967	136	68312	20.000	ng	#-0.02
39) Acenaphthene-d10	14.763	164	59786	20.000	ng	-0.01
64) Phenanthrene-d10	17.495	188	162903	20.000	ng	# 0.00
76) Chrysene-d12	21.743	240	214818	20.000	ng	#-0.01
86) Perylene-d12	24.998	264	236191	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	119961	109.211	ng	0.00
7) Phenol-d6	7.301	99	137604	94.187	ng	0.00
23) Nitrobenzene-d5	9.316	82	109185	79.026	ng	-0.01
42) 2,4,6-Tribromophenol	16.238	330	202479	173.651	ng	-0.01
45) 2-Fluorobiphenyl	13.394	172	358368	83.639	ng	-0.01
79) Terphenyl-d14	20.080	244	1108334	101.490	ng	-0.01

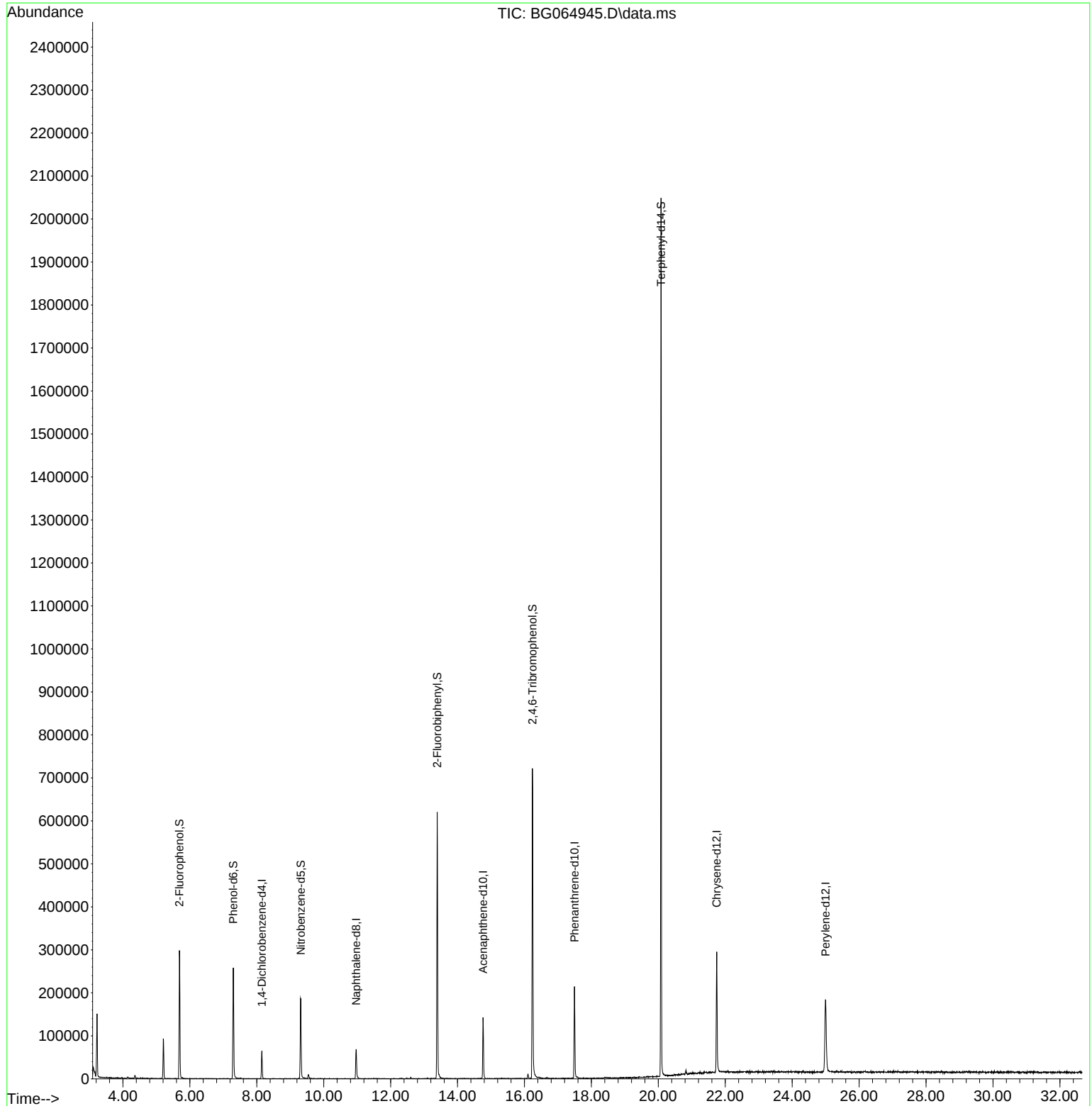
Target Compounds	Qvalue

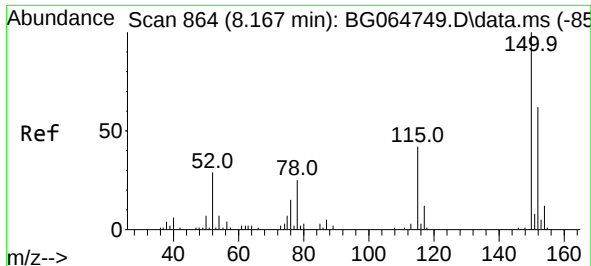
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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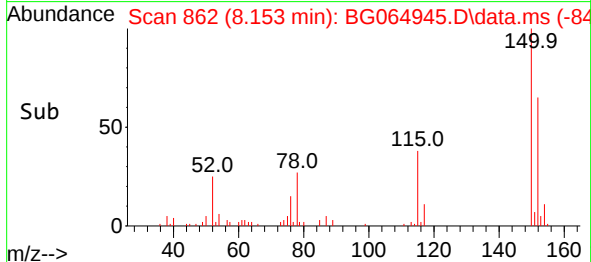
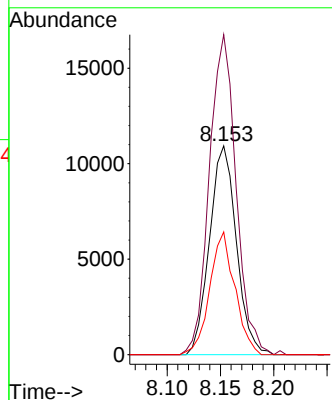
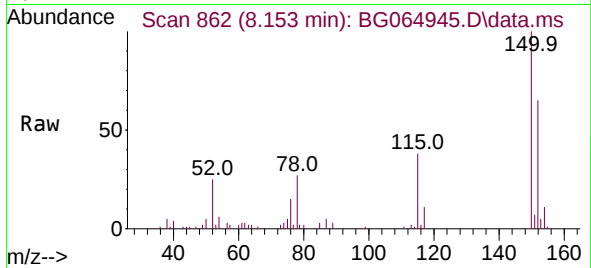




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.153 min Scan# 862
 Delta R.T. -0.014 min
 Lab File: BG064945.D
 Acq: 11 Dec 2025 22:20

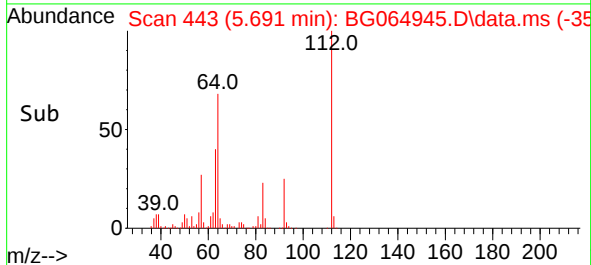
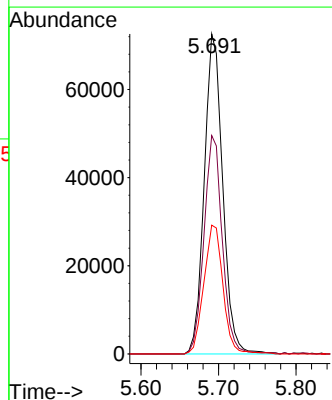
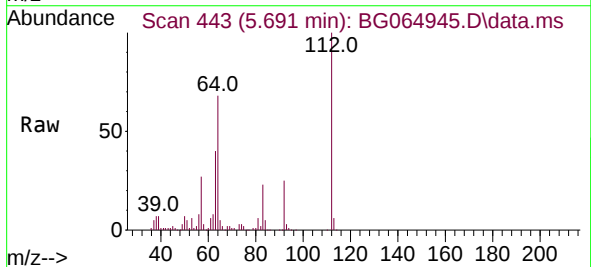
Instrument :
 BNA_G
 ClientSampleId :
 TP-2

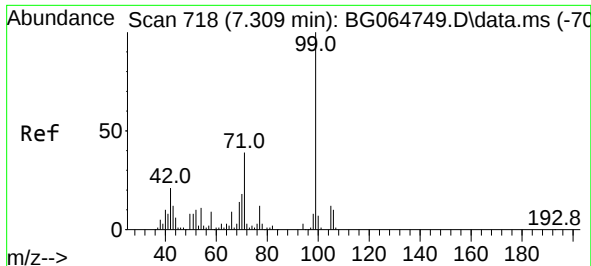
Tgt Ion:152 Resp: 19181
 Ion Ratio Lower Upper
 152 100
 150 153.4 129.2 193.8
 115 58.8 53.7 80.5



#5
 2-Fluorophenol
 Concen: 109.211 ng
 RT: 5.691 min Scan# 443
 Delta R.T. -0.008 min
 Lab File: BG064945.D
 Acq: 11 Dec 2025 22:20

Tgt Ion:112 Resp: 119961
 Ion Ratio Lower Upper
 112 100
 64 68.2 61.0 91.4
 63 40.2 33.3 49.9

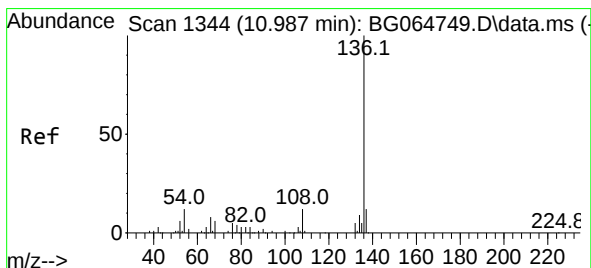
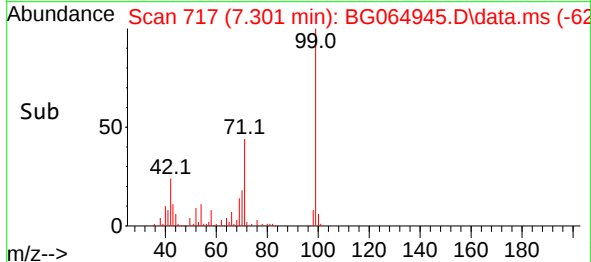
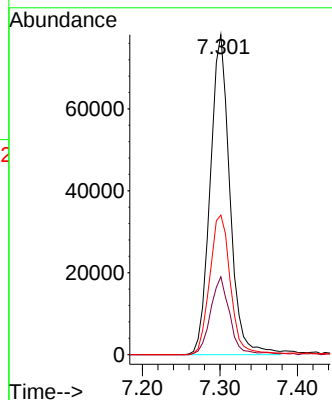
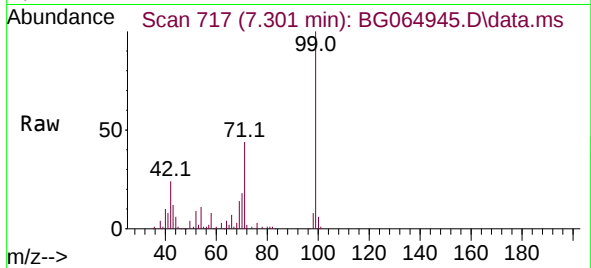




#7
Phenol-d6
Concen: 94.187 ng
RT: 7.301 min Scan# 71
Delta R.T. -0.008 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

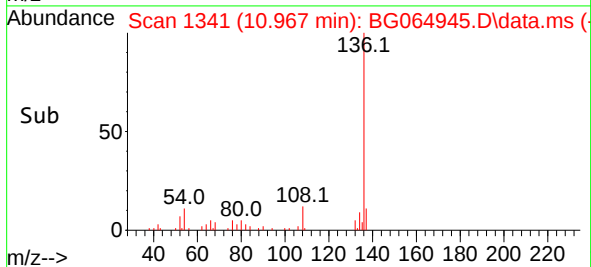
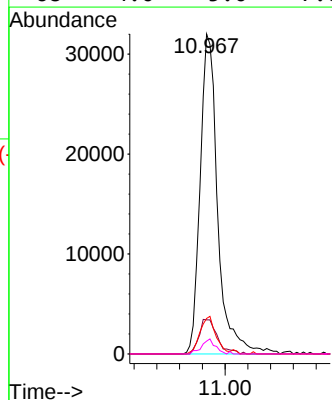
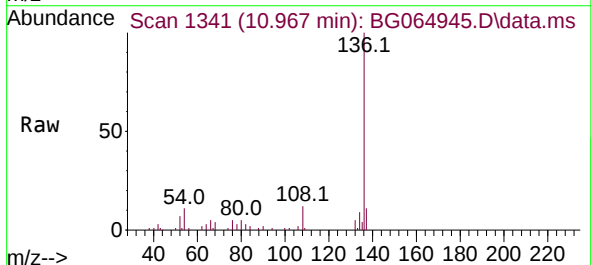
Instrument :
BNA_G
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 137604
Ion Ratio Lower Upper
99 100
42 24.3 16.8 25.2
71 43.6 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: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion: 136 Resp: 68312
Ion Ratio Lower Upper
136 100
137 10.6 9.3 13.9
54 11.1 9.3 13.9
68 4.0 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 79.026 ng

RT: 9.316 min Scan# 1060

Delta R.T. -0.014 min

Lab File: BG064945.D

Acq: 11 Dec 2025 22:20

Instrument :

BNA_G

ClientSampleId :

TP-2

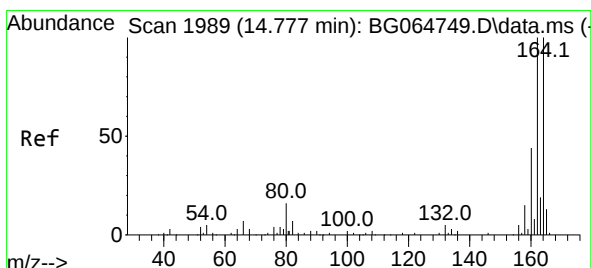
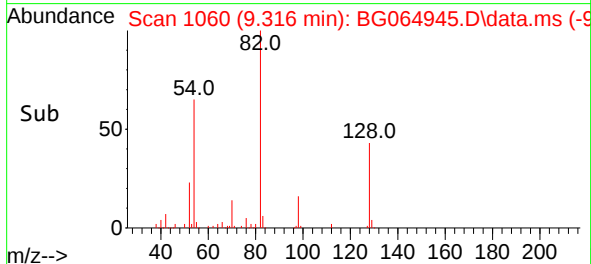
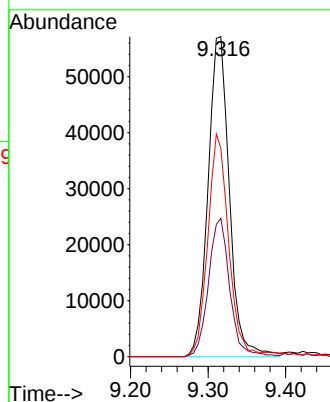
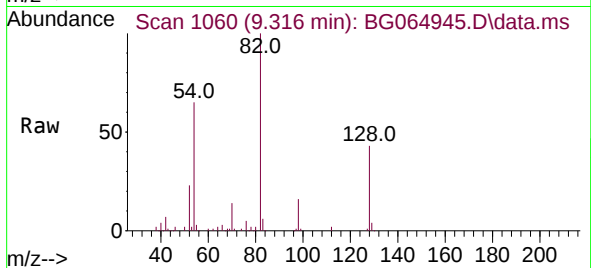
Tgt Ion: 82 Resp: 109185

Ion Ratio Lower Upper

82 100

128 43.2 34.1 51.1

54 65.0 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.763 min Scan# 1987

Delta R.T. -0.014 min

Lab File: BG064945.D

Acq: 11 Dec 2025 22:20

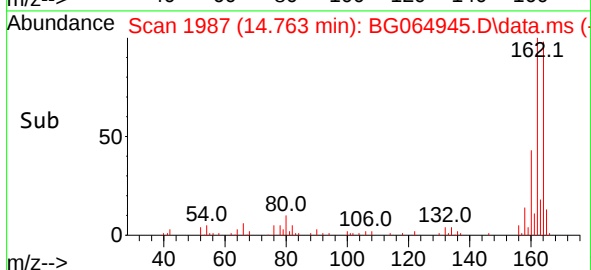
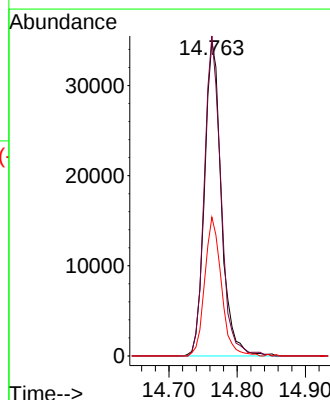
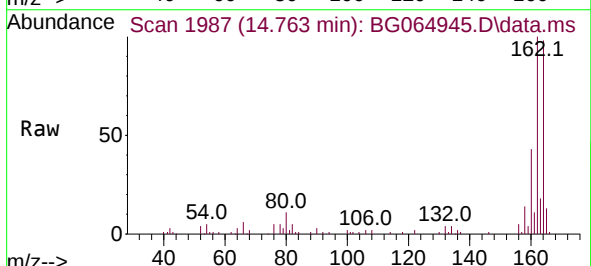
Tgt Ion:164 Resp: 59786

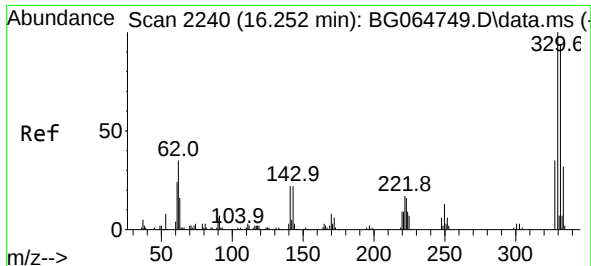
Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.6

160 44.1 34.9 52.3

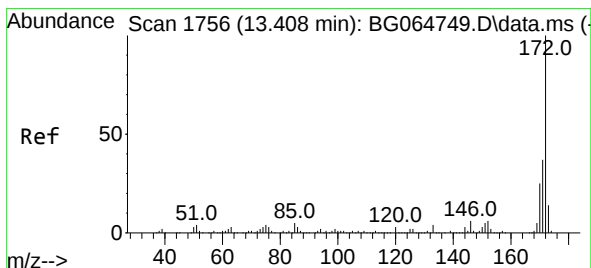
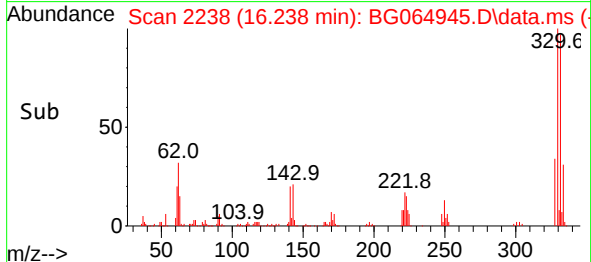
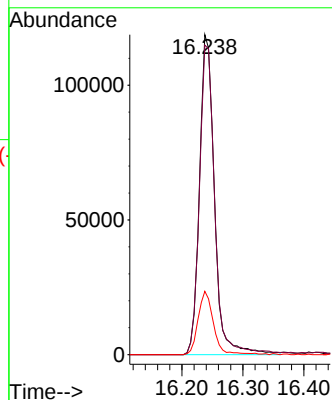
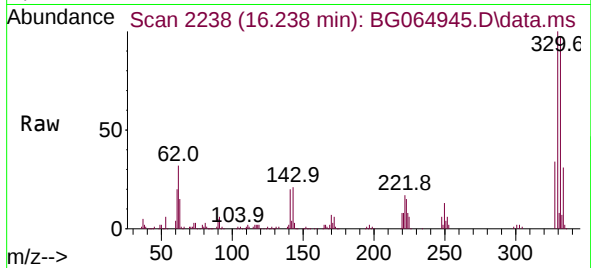




#42
2,4,6-Tribromophenol
Concen: 173.651 ng
RT: 16.238 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

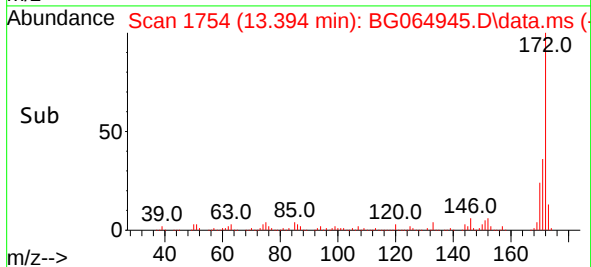
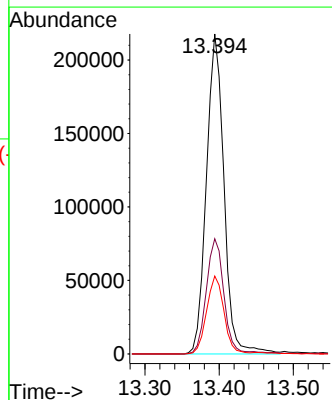
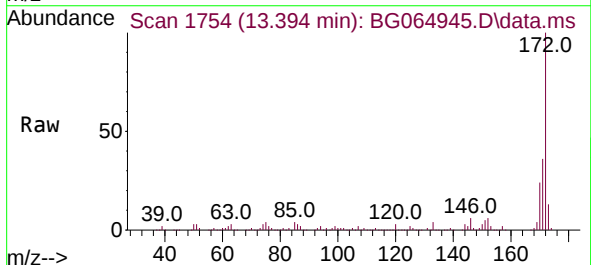
Instrument :
BNA_G
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TP-2

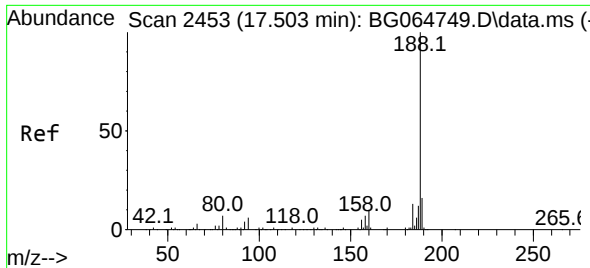
Tgt Ion:330 Resp: 202479
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 20.3 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 83.639 ng
RT: 13.394 min Scan# 1754
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:172 Resp: 358368
Ion Ratio Lower Upper
172 100
171 36.0 29.9 44.9
170 24.3 19.8 29.6

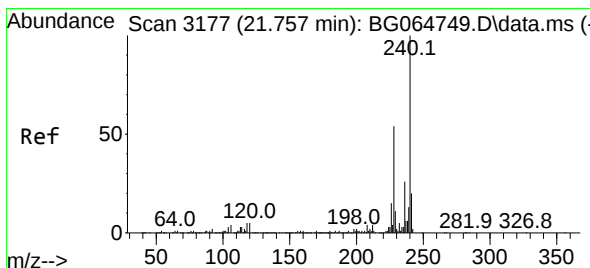
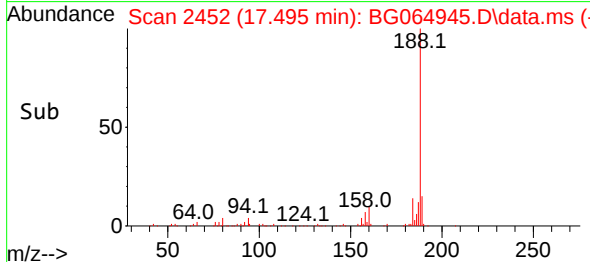
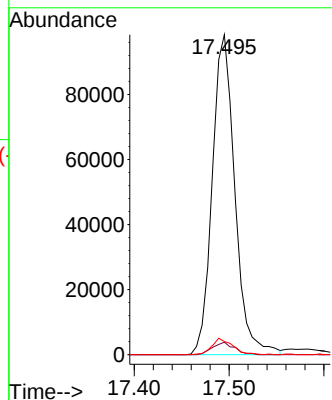
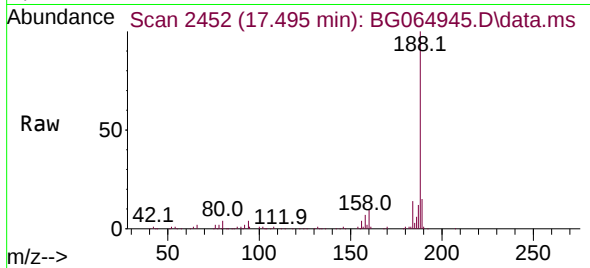




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.495 min Scan# 2452
Delta R.T. -0.008 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

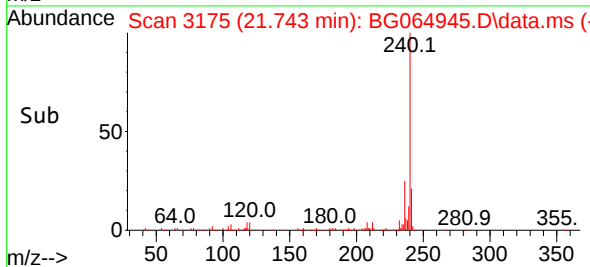
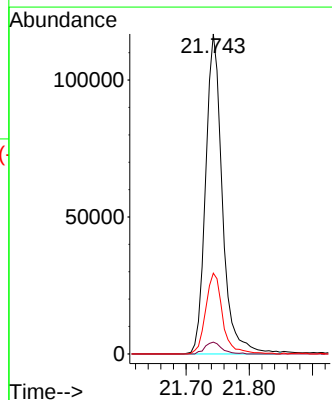
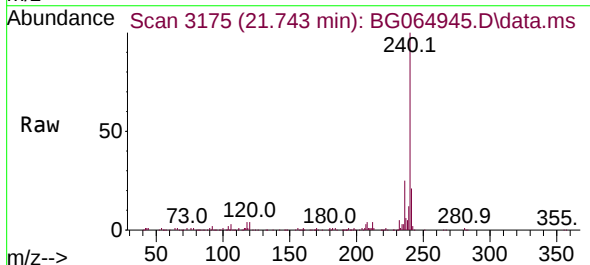
Instrument :
BNA_G
ClientSampleId :
TP-2

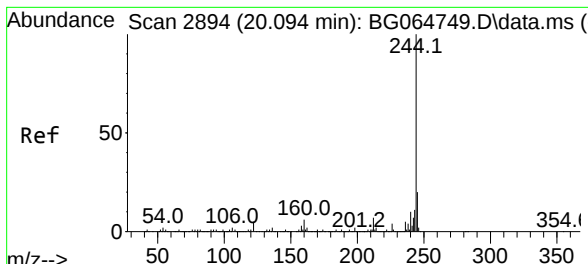
Tgt Ion:188 Resp: 162903
Ion Ratio Lower Upper
188 100
94 4.4 4.7 7.1#
80 4.1 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3175
Delta R.T. -0.014 min
Lab File: BG064945.D
Acq: 11 Dec 2025 22:20

Tgt Ion:240 Resp: 214818
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.4#
236 25.2 20.8 31.2

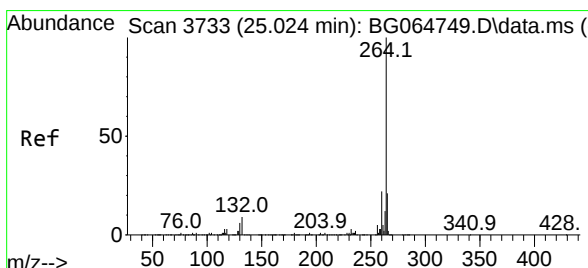
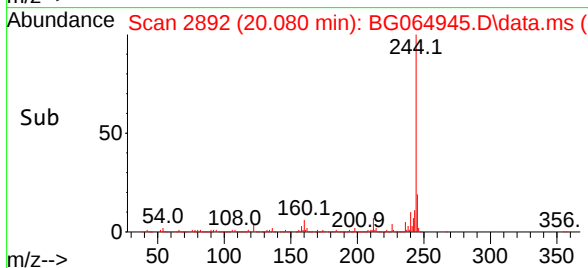
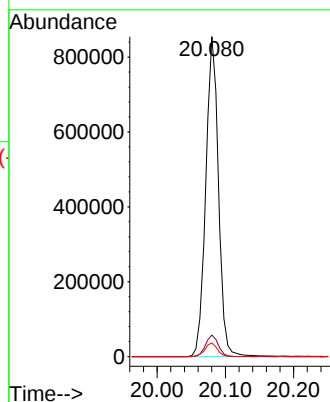
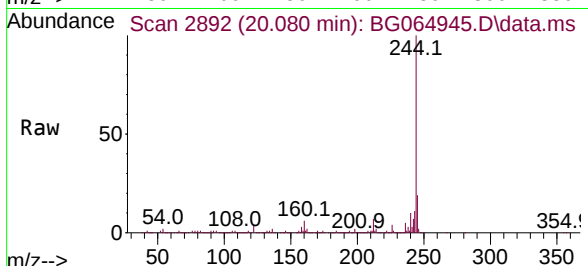




#79
 Terphenyl-d14
 Concen: 101.490 ng
 RT: 20.080 min Scan# 2892
 Delta R.T. -0.014 min
 Lab File: BG064945.D
 Acq: 11 Dec 2025 22:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1108334
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 4.3 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.998 min Scan# 3729
 Delta R.T. -0.026 min
 Lab File: BG064945.D
 Acq: 11 Dec 2025 22:20

Tgt Ion:264 Resp: 236191
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.2 25.8
 265 19.2 16.6 25.0

