

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121125\
 Data File : BG064936.D
 Acq On : 11 Dec 2025 16:14
 Operator : RC/JU
 Sample : Q3814-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Quant Time: Dec 11 16:50:58 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	18481	20.000	ng	-0.01
21) Naphthalene-d8	10.972	136	67998	20.000	ng	#-0.01
39) Acenaphthene-d10	14.768	164	60122	20.000	ng	0.00
64) Phenanthrene-d10	17.494	188	163994	20.000	ng	# 0.00
76) Chrysene-d12	21.742	240	208700	20.000	ng	#-0.02
86) Perylene-d12	25.003	264	226718	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	120419	113.780	ng	0.00
7) Phenol-d6	7.300	99	139377	99.014	ng	0.00
23) Nitrobenzene-d5	9.315	82	108067	78.578	ng	-0.02
42) 2,4,6-Tribromophenol	16.243	330	205923	175.618	ng	0.00
45) 2-Fluorobiphenyl	13.393	172	361913	83.995	ng	-0.02
79) Terphenyl-d14	20.085	244	1025706	96.677	ng	0.00

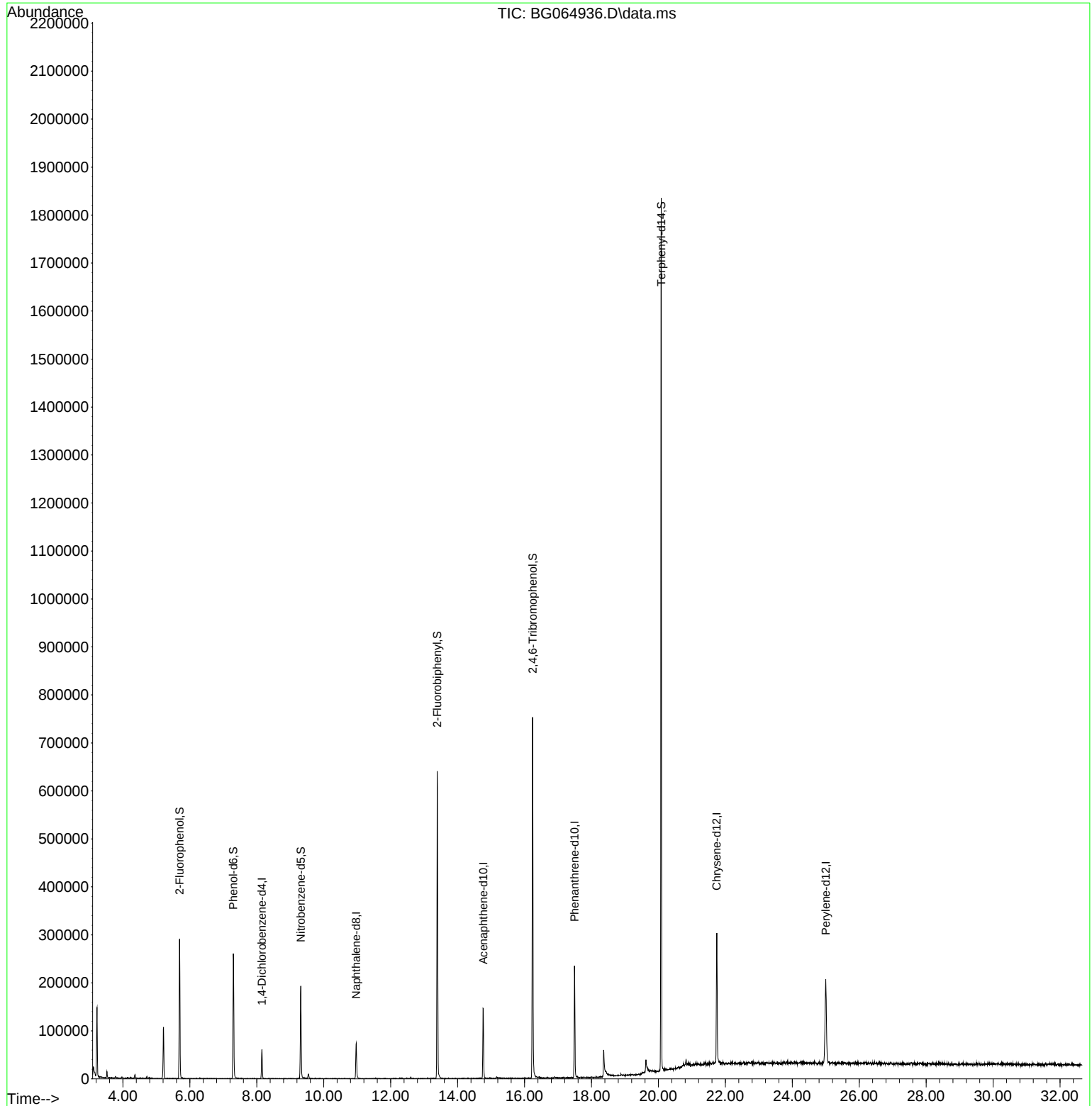
Target Compounds	Qvalue

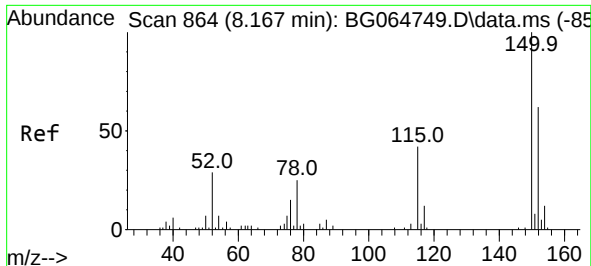
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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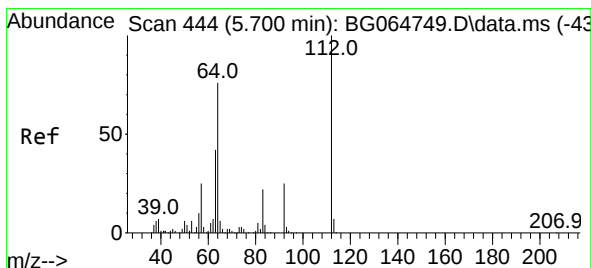
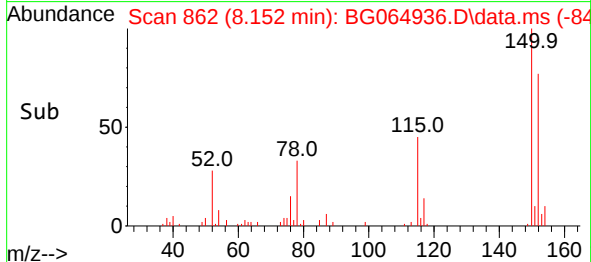
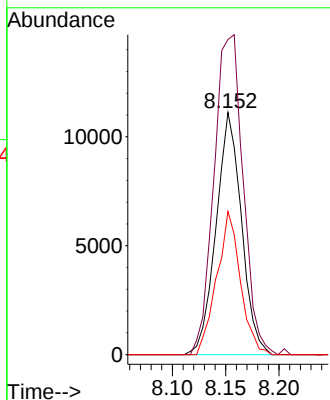
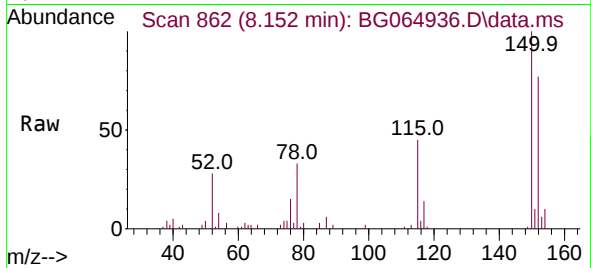




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.152 min Scan# 862
 Delta R.T. -0.015 min
 Lab File: BG064936.D
 Acq: 11 Dec 2025 16:14

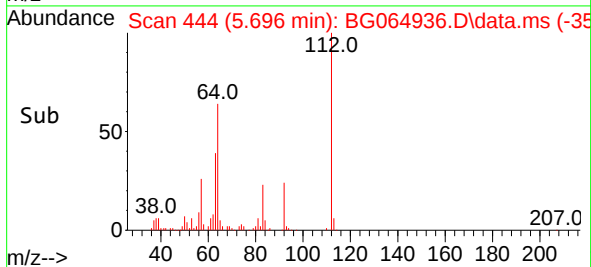
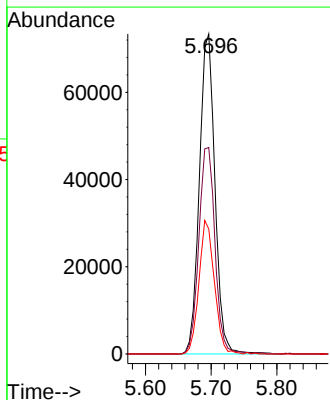
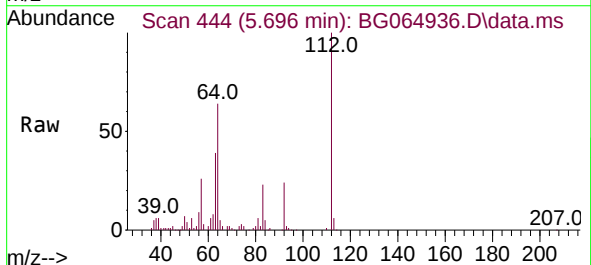
Instrument :
 BNA_G
 ClientSampleId :
 TP-5

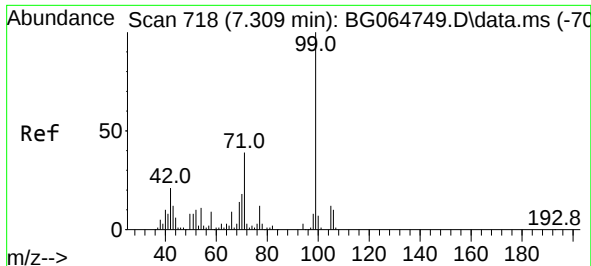
Tgt Ion:152 Resp: 18481
 Ion Ratio Lower Upper
 152 100
 150 130.2 129.2 193.8
 115 59.1 53.7 80.5



#5
 2-Fluorophenol
 Concen: 113.780 ng
 RT: 5.696 min Scan# 444
 Delta R.T. -0.003 min
 Lab File: BG064936.D
 Acq: 11 Dec 2025 16:14

Tgt Ion:112 Resp: 120419
 Ion Ratio Lower Upper
 112 100
 64 64.5 61.0 91.4
 63 39.0 33.3 49.9

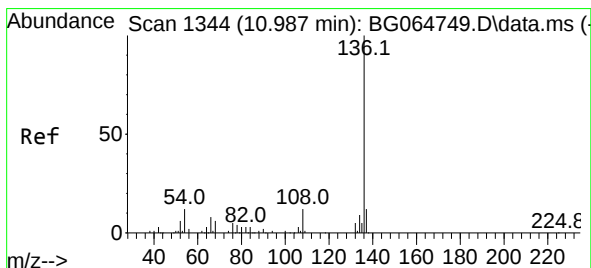
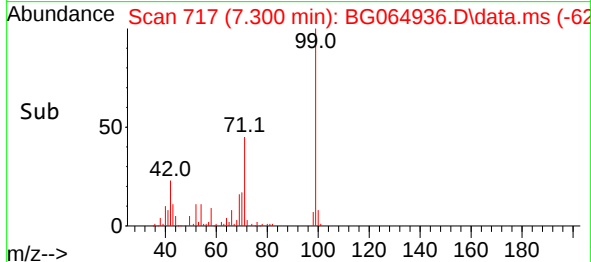
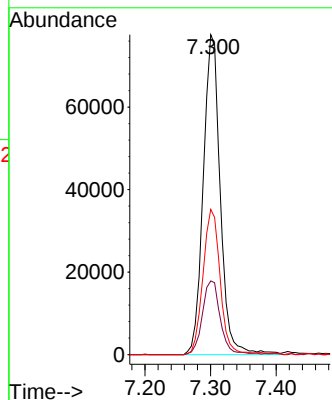
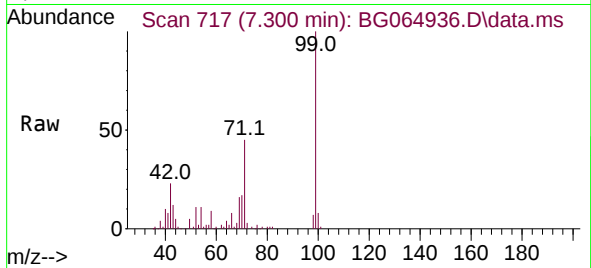




#7
Phenol-d6
Concen: 99.014 ng
RT: 7.300 min Scan# 718
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

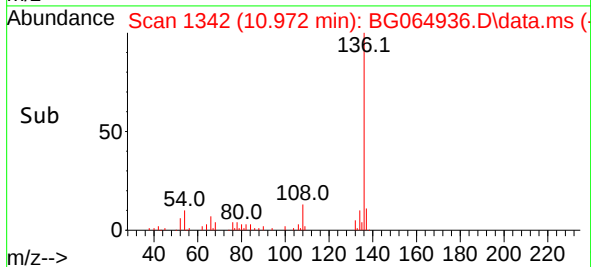
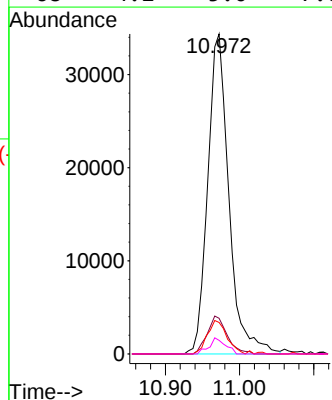
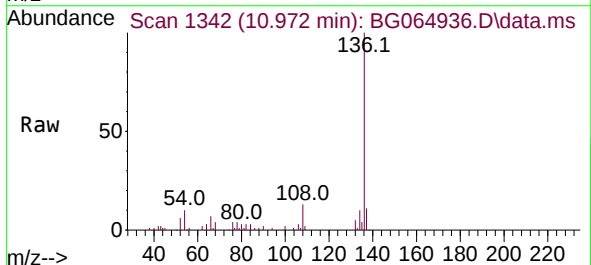
Instrument :
BNA_G
ClientSampleId :
TP-5

Tgt Ion: 99 Resp: 139377
Ion Ratio Lower Upper
99 100
42 23.0 16.8 25.2
71 45.4 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.972 min Scan# 1342
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:136 Resp: 67998
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 9.8 9.3 13.9
68 4.2 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 78.578 ng

RT: 9.315 min Scan# 1060

Delta R.T. -0.015 min

Lab File: BG064936.D

Acq: 11 Dec 2025 16:14

Instrument :

BNA_G

ClientSampleId :

TP-5

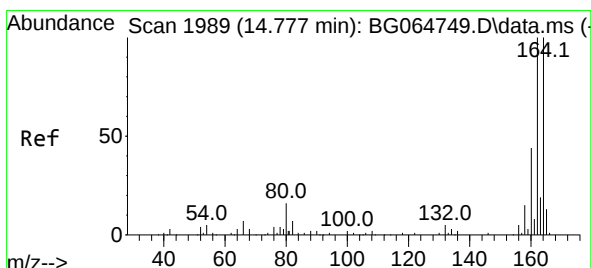
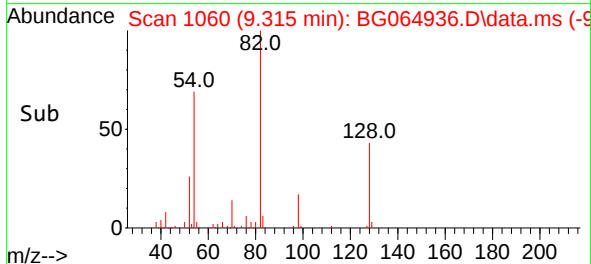
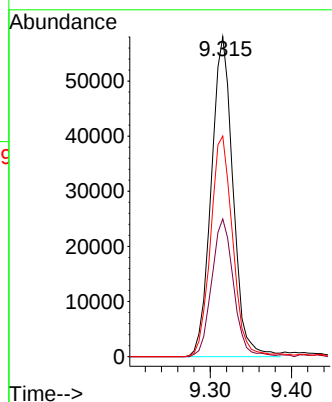
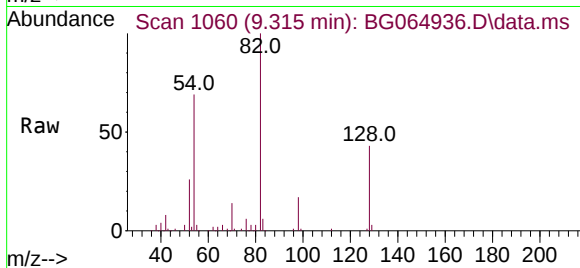
Tgt Ion: 82 Resp: 108067

Ion Ratio Lower Upper

82 100

128 43.0 34.1 51.1

54 68.9 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.768 min Scan# 1988

Delta R.T. -0.009 min

Lab File: BG064936.D

Acq: 11 Dec 2025 16:14

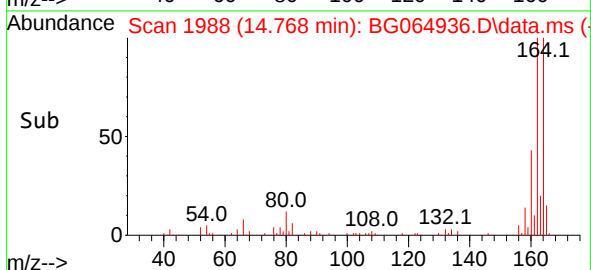
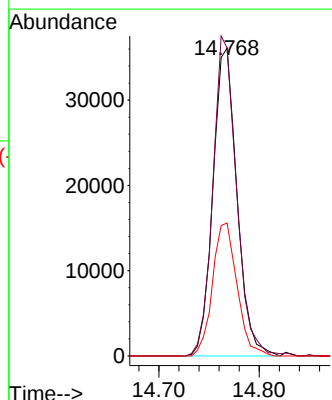
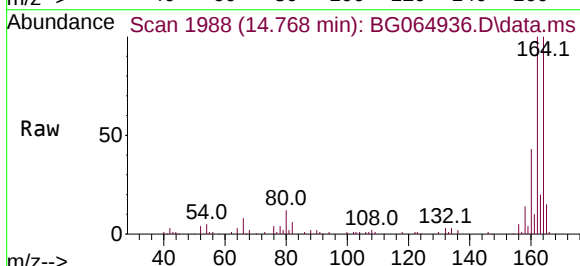
Tgt Ion: 164 Resp: 60122

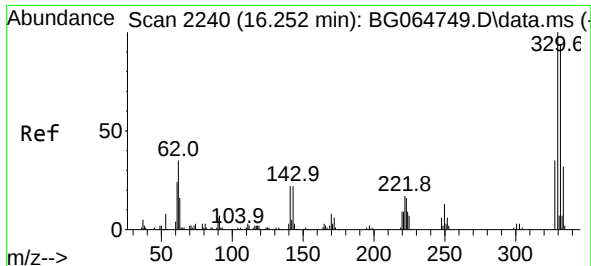
Ion Ratio Lower Upper

164 100

162 100.1 79.8 119.6

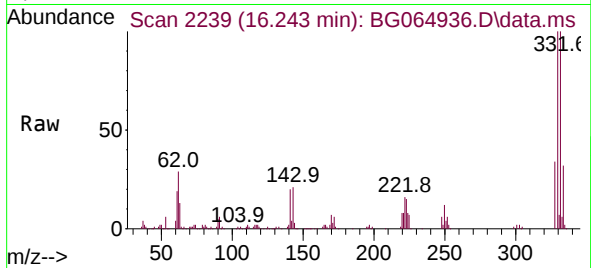
160 43.1 34.9 52.3



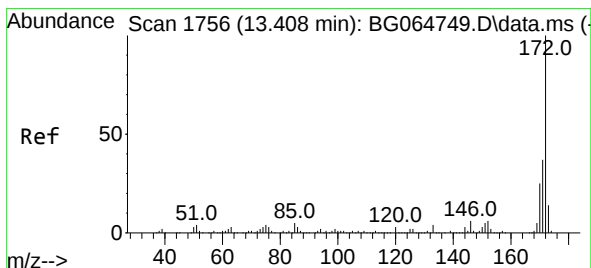
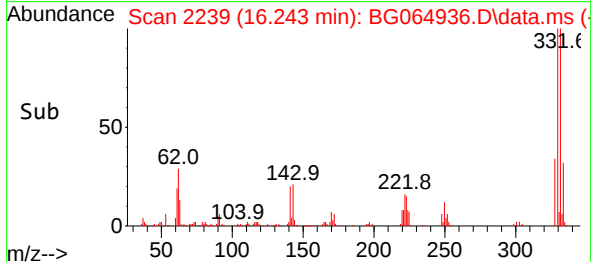
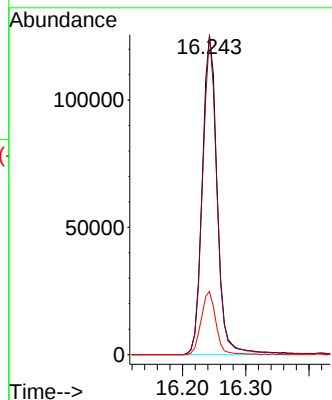


#42
2,4,6-Tribromophenol
Concen: 175.618 ng
RT: 16.243 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Instrument :
BNA_G
ClientSampleId :
TP-5

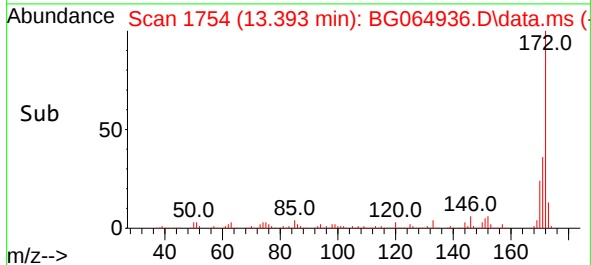
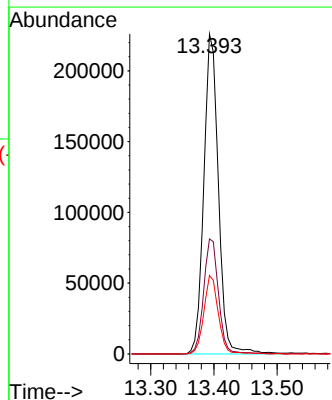
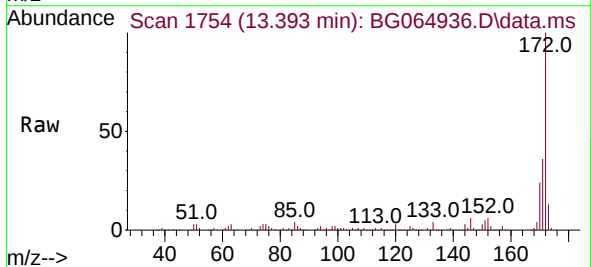


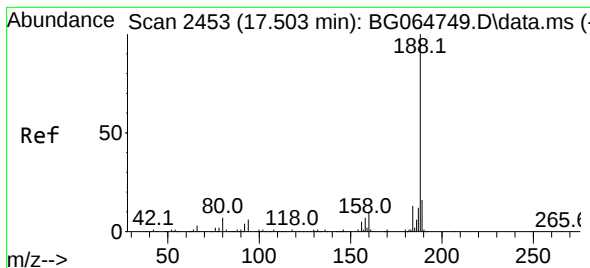
Tgt Ion:330 Resp: 205923
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 19.5 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 83.995 ng
RT: 13.393 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BG064936.D
Acq: 11 Dec 2025 16:14

Tgt Ion:172 Resp: 361913
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.5 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.494 min Scan# 2452

Delta R.T. -0.009 min

Lab File: BG064936.D

Acq: 11 Dec 2025 16:14

Instrument :

BNA_G

ClientSampleId :

TP-5

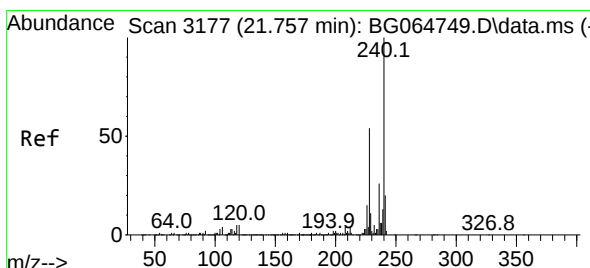
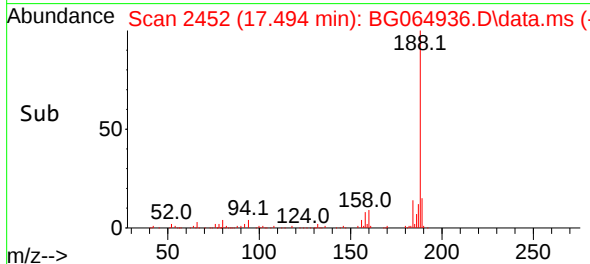
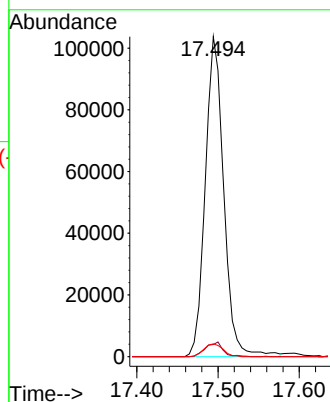
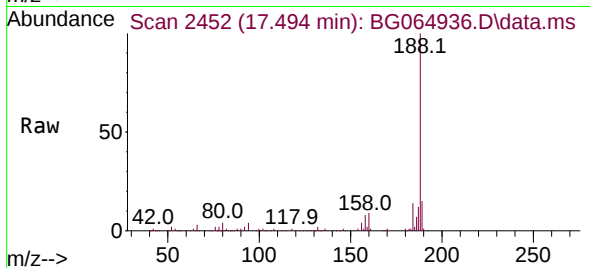
Tgt Ion:188 Resp: 163994

Ion Ratio Lower Upper

188 100

94 3.8 4.7 7.1#

80 4.0 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: BG064936.D

Acq: 11 Dec 2025 16:14

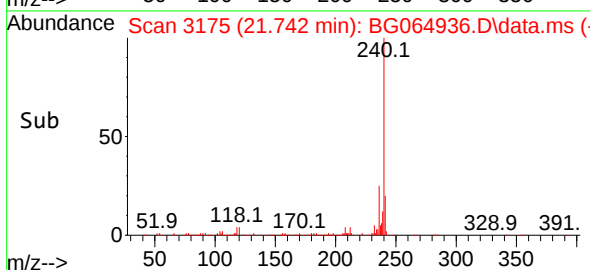
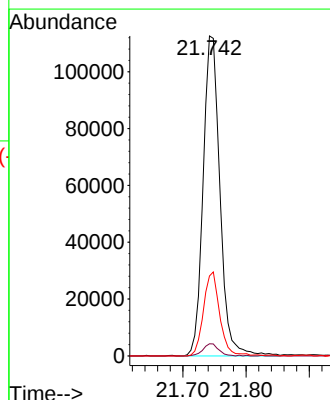
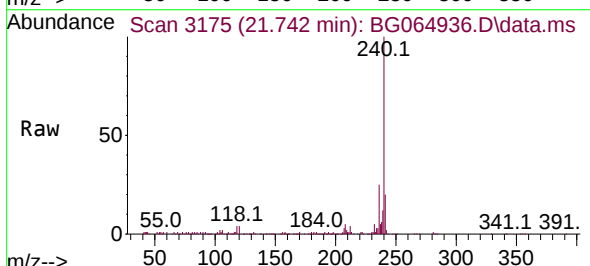
Tgt Ion:240 Resp: 208700

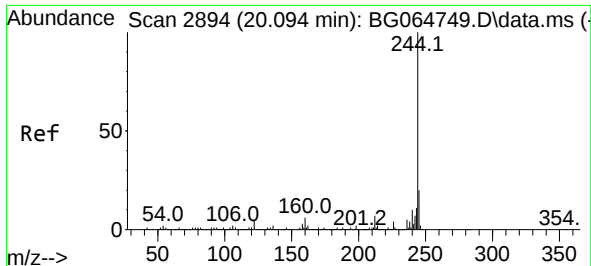
Ion Ratio Lower Upper

240 100

120 3.8 4.2 6.4#

236 25.0 20.8 31.2

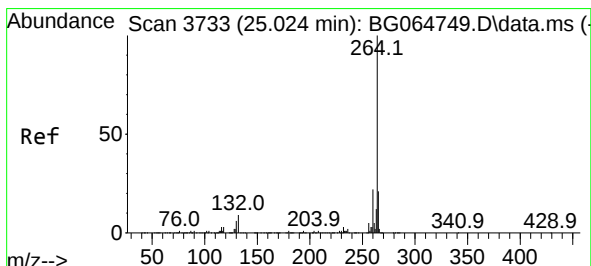
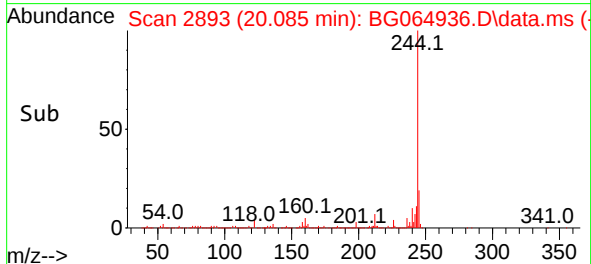
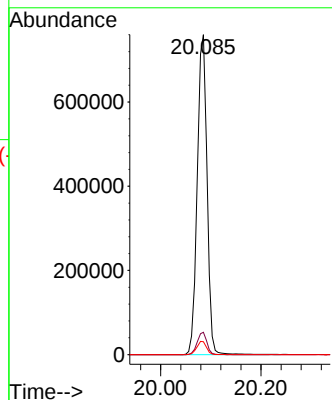
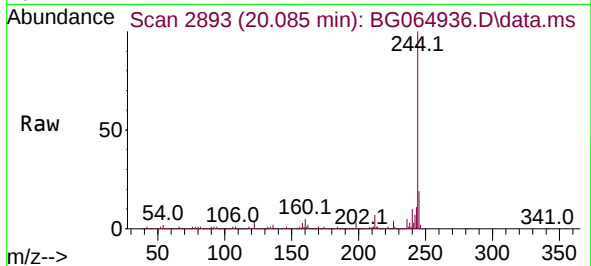




#79
 Terphenyl-d14
 Concen: 96.677 ng
 RT: 20.085 min Scan# 2893
 Delta R.T. -0.009 min
 Lab File: BG064936.D
 Acq: 11 Dec 2025 16:14

Instrument :
 BNA_G
 ClientSampleId :
 TP-5

Tgt Ion:244 Resp: 1025706
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.6
 122 4.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.003 min Scan# 3730
 Delta R.T. -0.021 min
 Lab File: BG064936.D
 Acq: 11 Dec 2025 16:14

Tgt Ion:264 Resp: 226718
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.2 25.8
 265 22.6 16.6 25.0

