

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064925.D
 Acq On : 10 Dec 2025 17:51
 Operator : RC/JU
 Sample : Q3814-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Quant Time: Dec 10 23:35:54 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	8.155	152	16713	20.000	ng	-0.01
21) Naphthalene-d8	10.970	136	62713	20.000	ng	#-0.02
39) Acenaphthene-d10	14.765	164	55363	20.000	ng	-0.01
64) Phenanthrene-d10	17.491	188	148115	20.000	ng	#-0.01
76) Chrysene-d12	21.745	240	194616	20.000	ng	#-0.01
86) Perylene-d12	25.000	264	219843	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	83723	87.476	ng	-0.01
7) Phenol-d6	7.298	99	103868	81.594	ng	-0.01
23) Nitrobenzene-d5	9.313	82	67288	53.050	ng	-0.02
42) 2,4,6-Tribromophenol	16.240	330	117505	108.826	ng	-0.01
45) 2-Fluorobiphenyl	13.396	172	225905	56.936	ng	-0.01
79) Terphenyl-d14	20.083	244	642569	64.948	ng	-0.01

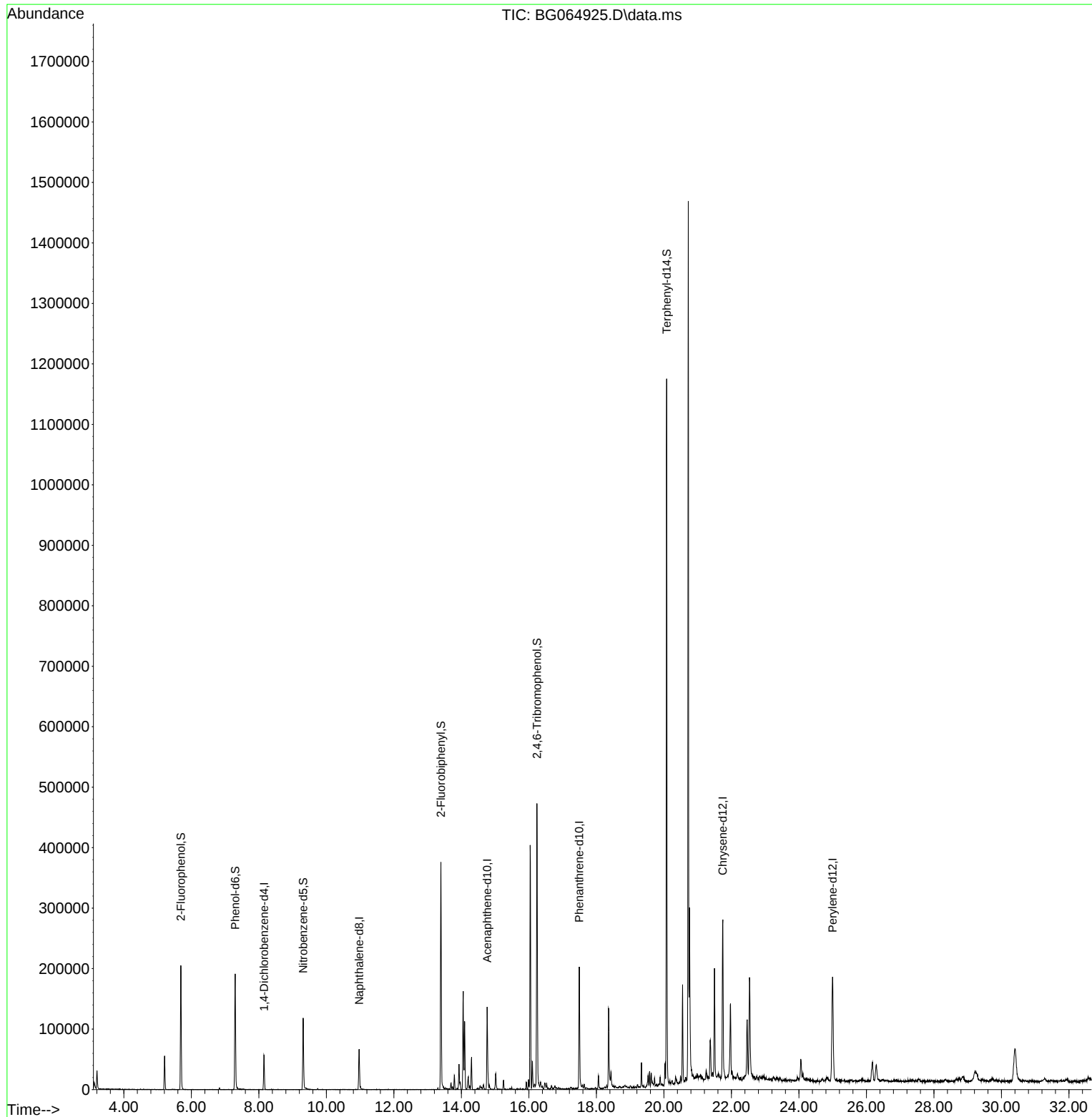
Target Compounds	Qvalue

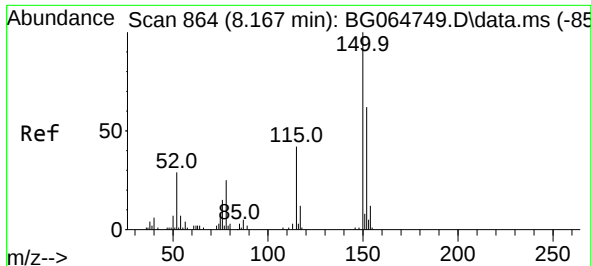
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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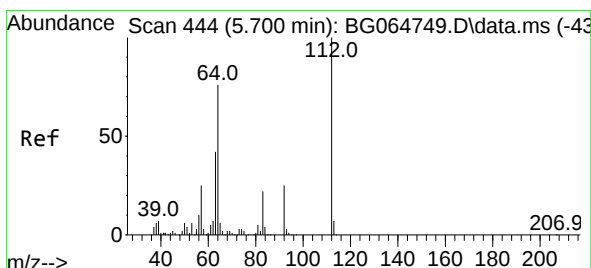
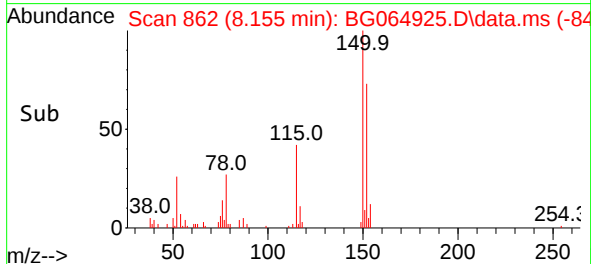
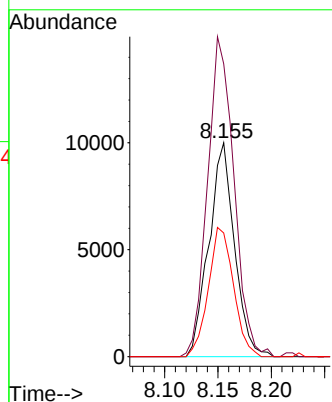
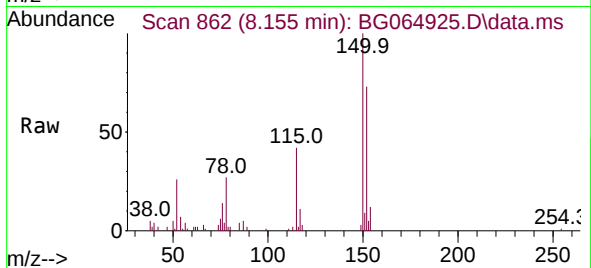




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.155 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51

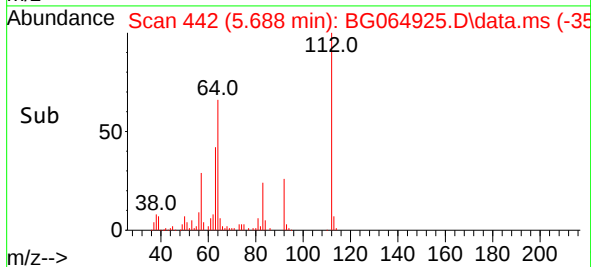
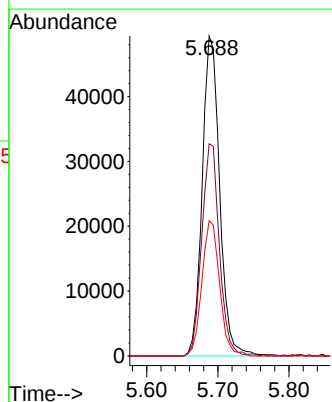
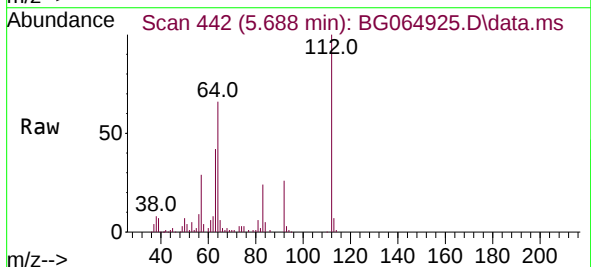
Instrument :
 BNA_G
 ClientSampleId :
 TP-12

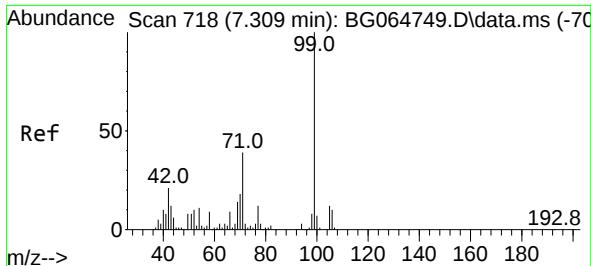
Tgt Ion:152 Resp: 16713
 Ion Ratio Lower Upper
 152 100
 150 136.9 129.2 193.8
 115 57.8 53.7 80.5



#5
 2-Fluorophenol
 Concen: 87.476 ng
 RT: 5.688 min Scan# 442
 Delta R.T. -0.012 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51

Tgt Ion:112 Resp: 83723
 Ion Ratio Lower Upper
 112 100
 64 66.3 61.0 91.4
 63 42.2 33.3 49.9

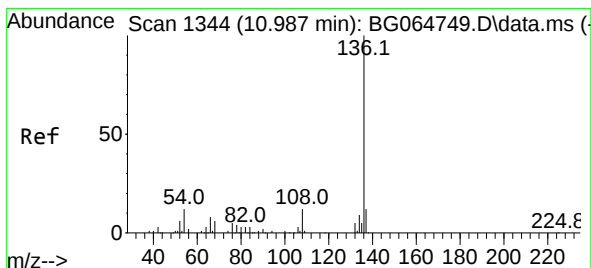
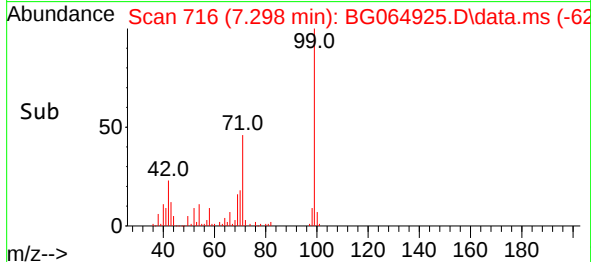
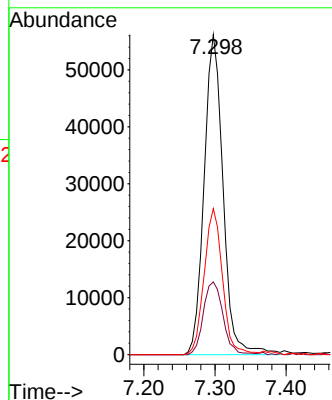
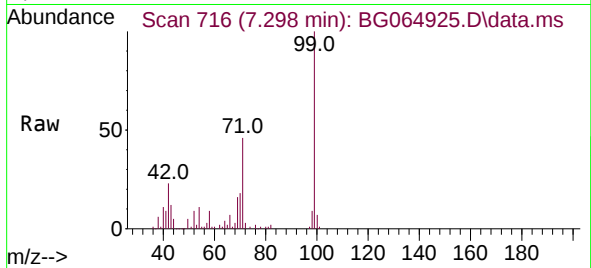




#7
Phenol-d6
Concen: 81.594 ng
RT: 7.298 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064925.D
Acq: 10 Dec 2025 17:51

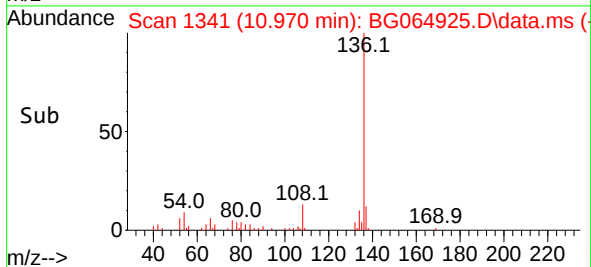
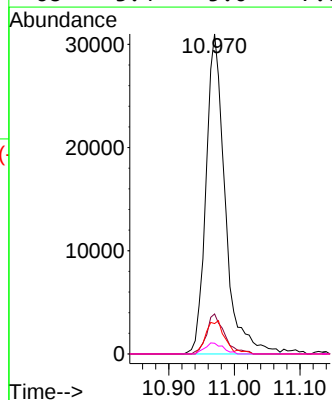
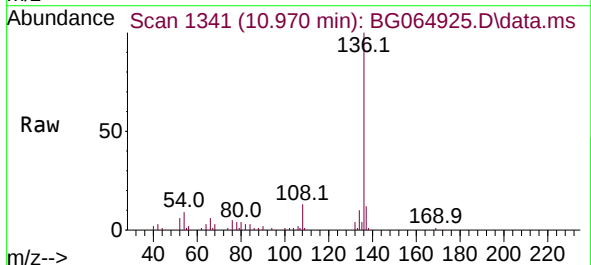
Instrument :
BNA_G
ClientSampleId :
TP-12

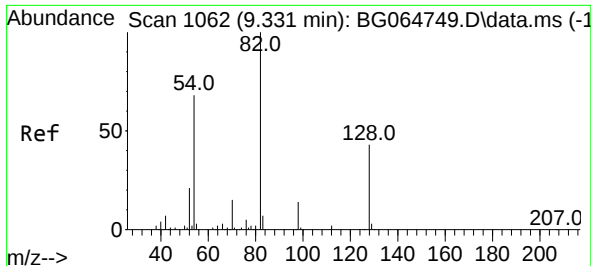
Tgt Ion: 99 Resp: 103868
Ion Ratio Lower Upper
99 100
42 22.7 16.8 25.2
71 45.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.970 min Scan# 1341
Delta R.T. -0.017 min
Lab File: BG064925.D
Acq: 10 Dec 2025 17:51

Tgt Ion: 136 Resp: 62713
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 9.5 9.3 13.9
68 3.4 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 53.050 ng

RT: 9.313 min Scan# 1062

Delta R.T. -0.018 min

Lab File: BG064925.D

Acq: 10 Dec 2025 17:51

Instrument :

BNA_G

ClientSampleId :

TP-12

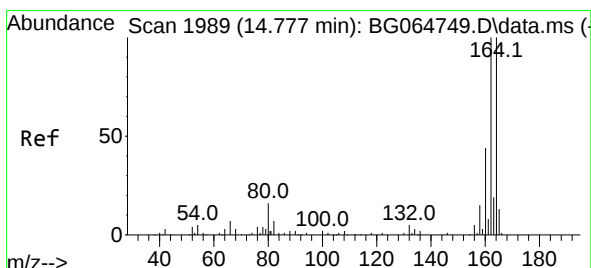
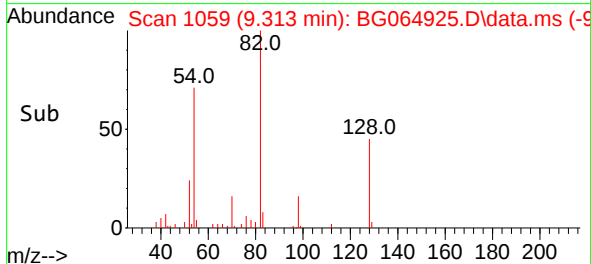
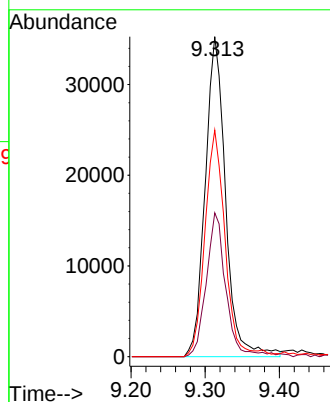
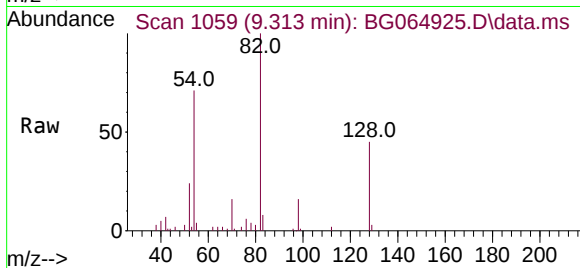
Tgt Ion: 82 Resp: 67288

Ion Ratio Lower Upper

82 100

128 44.9 34.1 51.1

54 70.8 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.765 min Scan# 1987

Delta R.T. -0.012 min

Lab File: BG064925.D

Acq: 10 Dec 2025 17:51

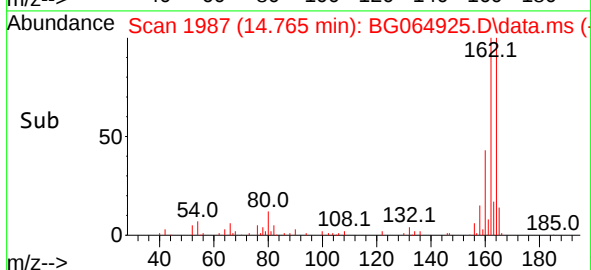
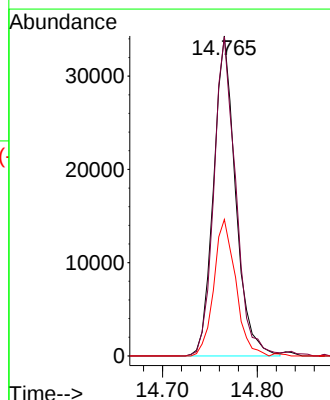
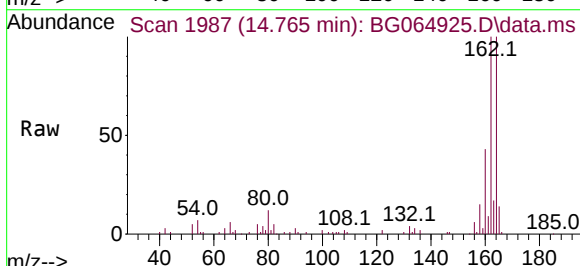
Tgt Ion: 164 Resp: 55363

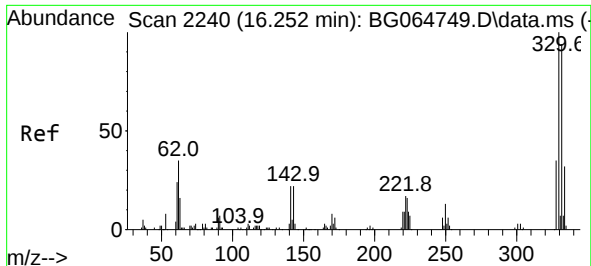
Ion Ratio Lower Upper

164 100

162 99.7 79.8 119.6

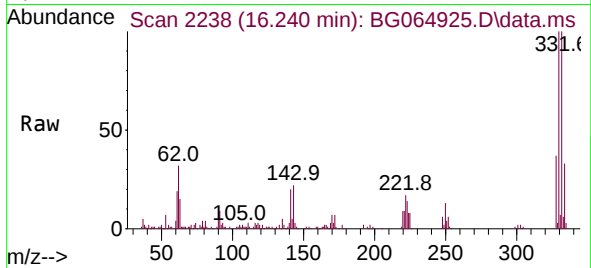
160 42.6 34.9 52.3



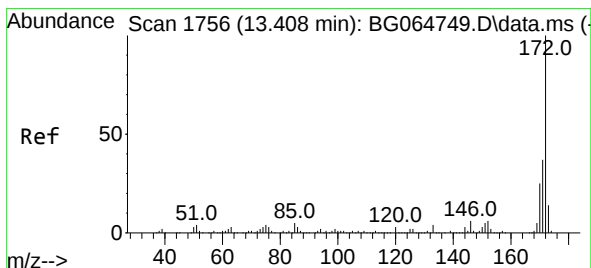
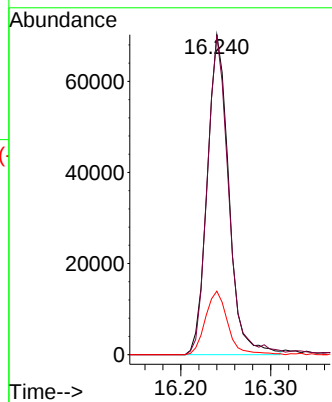
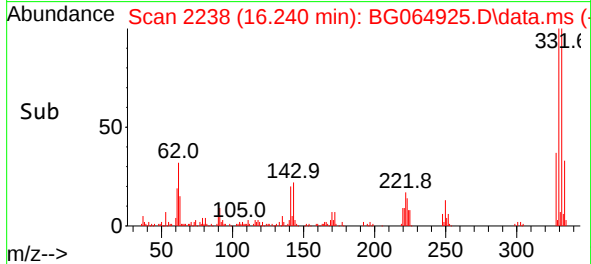


#42
 2,4,6-Tribromophenol
 Concen: 108.826 ng
 RT: 16.240 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51

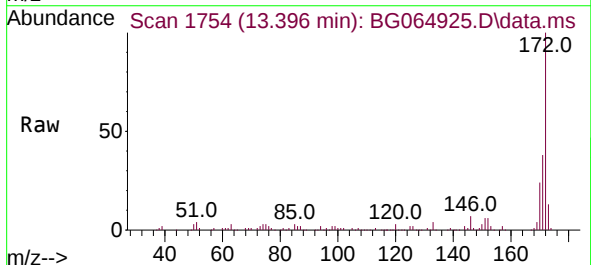
Instrument :
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 ClientSampleId :
 TP-12



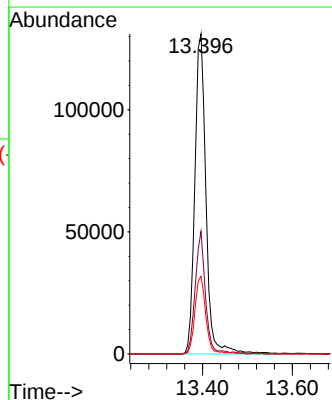
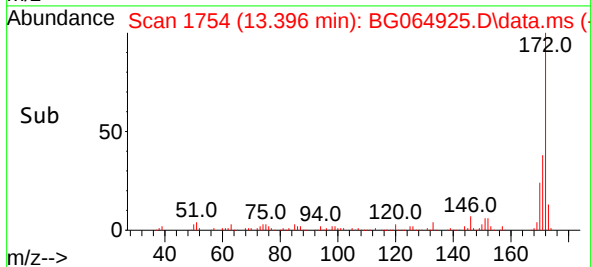
Tgt Ion:330 Resp: 117505
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.0 115.6
 141 20.5 18.2 27.2

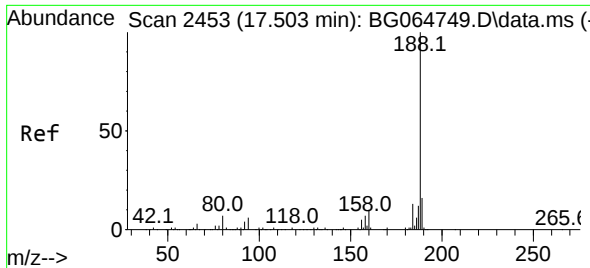


#45
 2-Fluorobiphenyl
 Concen: 56.936 ng
 RT: 13.396 min Scan# 1754
 Delta R.T. -0.012 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51



Tgt Ion:172 Resp: 225905
 Ion Ratio Lower Upper
 172 100
 171 38.3 29.9 44.9
 170 24.2 19.8 29.6

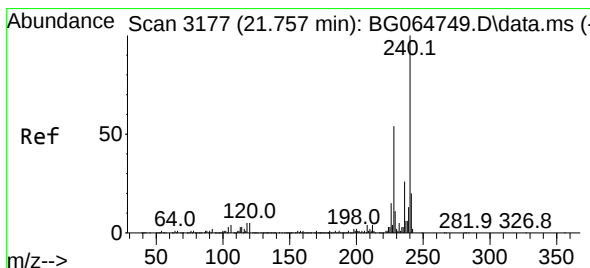
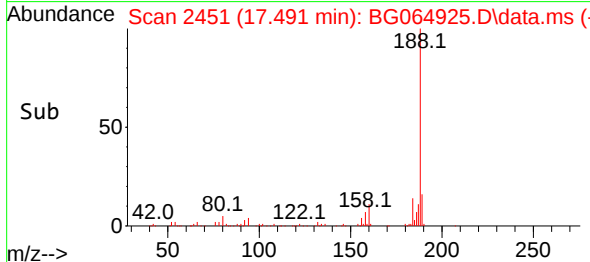
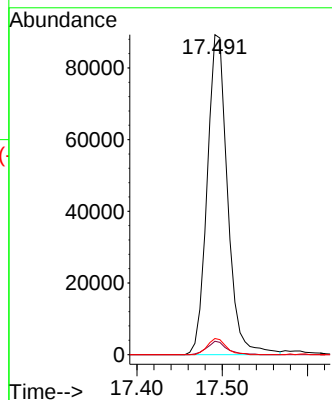
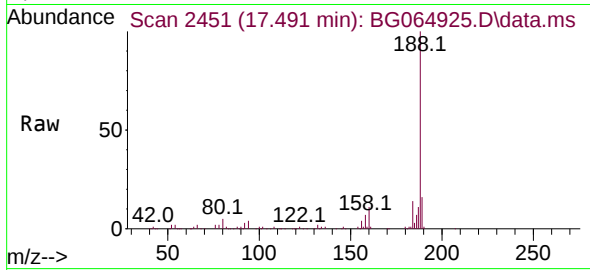




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.491 min Scan# 2453
Delta R.T. -0.012 min
Lab File: BG064925.D
Acq: 10 Dec 2025 17:51

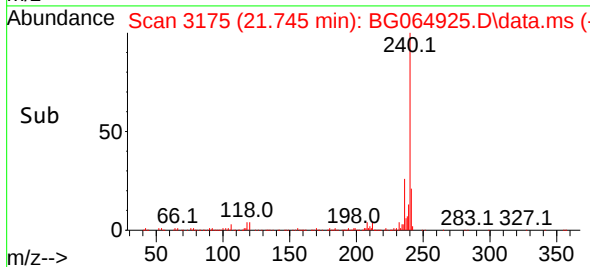
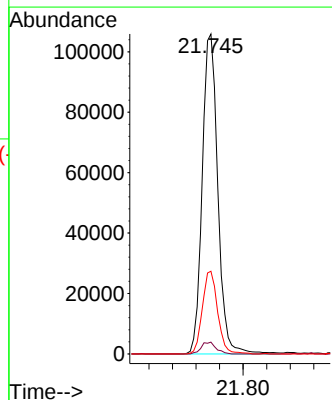
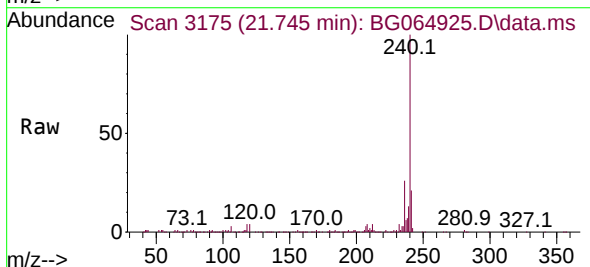
Instrument :
BNA_G
ClientSampleId :
TP-12

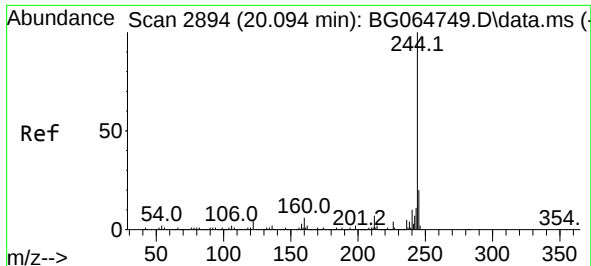
Tgt Ion:188 Resp: 148115
Ion Ratio Lower Upper
188 100
94 4.2 4.7 7.1#
80 5.0 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.745 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG064925.D
Acq: 10 Dec 2025 17:51

Tgt Ion:240 Resp: 194616
Ion Ratio Lower Upper
240 100
120 3.7 4.2 6.4#
236 25.8 20.8 31.2

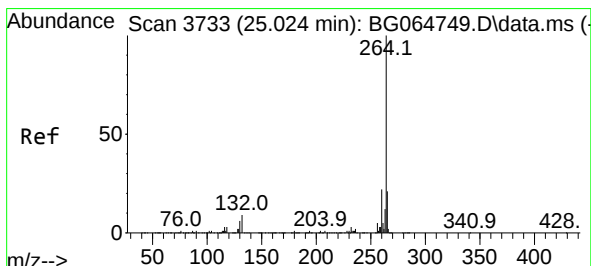
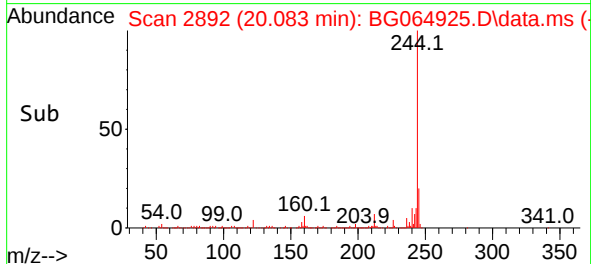
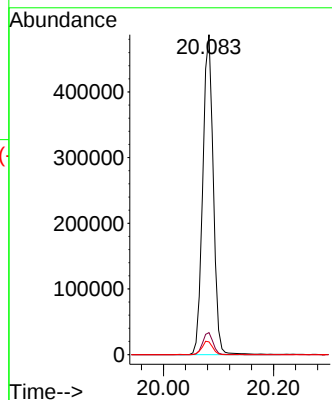
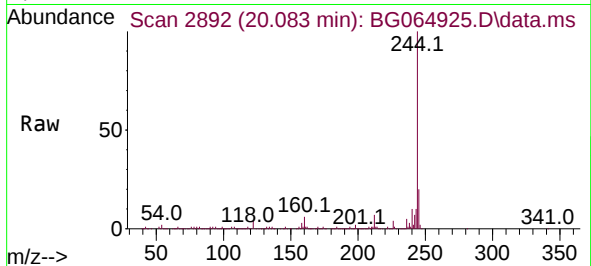




#79
 Terphenyl-d14
 Concen: 64.948 ng
 RT: 20.083 min Scan# 2892
 Delta R.T. -0.012 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51

Instrument :
 BNA_G
 ClientSampleId :
 TP-12

Tgt Ion:244 Resp: 642569
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 4.0 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.000 min Scan# 3729
 Delta R.T. -0.024 min
 Lab File: BG064925.D
 Acq: 10 Dec 2025 17:51

Tgt Ion:264 Resp: 219843
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.2 25.8
 265 21.6 16.6 25.0

