

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121025\
 Data File : BG064927.D
 Acq On : 10 Dec 2025 19:13
 Operator : RC/JU
 Sample : Q3826-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Dec 10 23:36:43 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	8.156	152	18955	20.000	ng	#-0.01
21) Naphthalene-d8	10.971	136	70420	20.000	ng	#-0.02
39) Acenaphthene-d10	14.760	164	62601	20.000	ng	-0.02
64) Phenanthrene-d10	17.493	188	165030	20.000	ng	#-0.01
76) Chrysene-d12	21.746	240	214683	20.000	ng	#-0.01
86) Perylene-d12	25.001	264	241924	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.689	112	78002	71.859	ng	-0.01
7) Phenol-d6	7.299	99	97779	67.726	ng	-0.01
23) Nitrobenzene-d5	9.314	82	65616	46.070	ng	-0.02
42) 2,4,6-Tribromophenol	16.241	330	118066	96.703	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	203640	45.390	ng	-0.01
79) Terphenyl-d14	20.084	244	541812	49.645	ng	-0.01

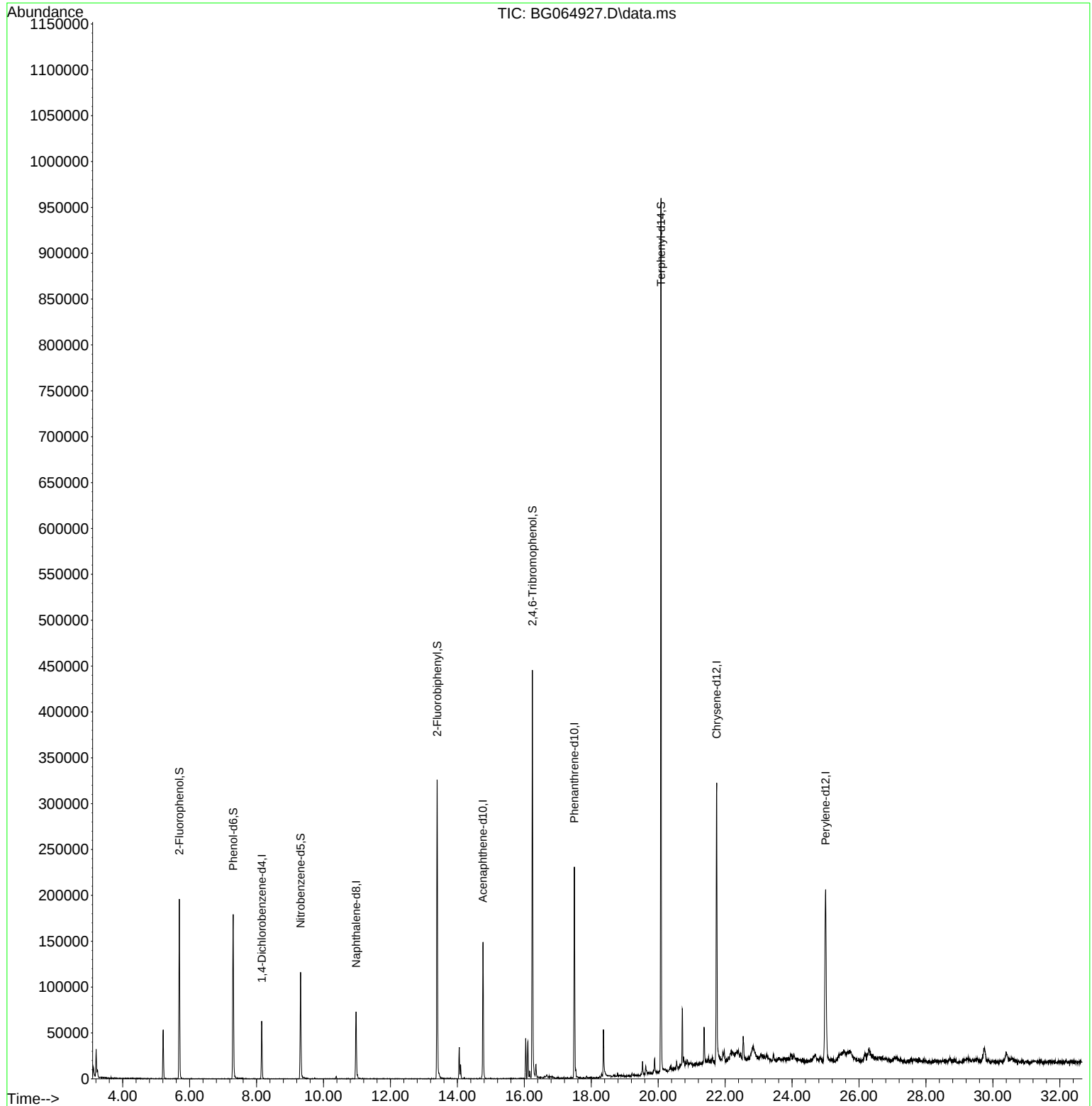
Target Compounds	Qvalue

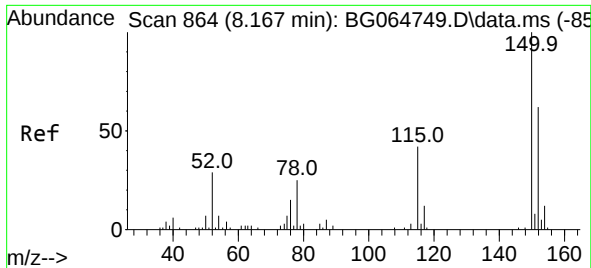
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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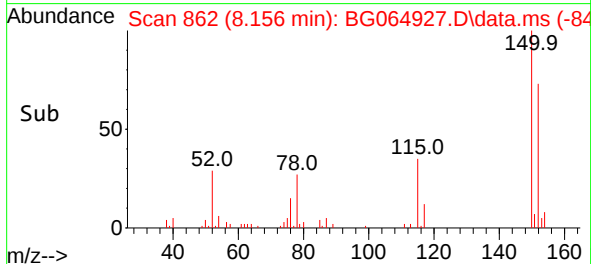
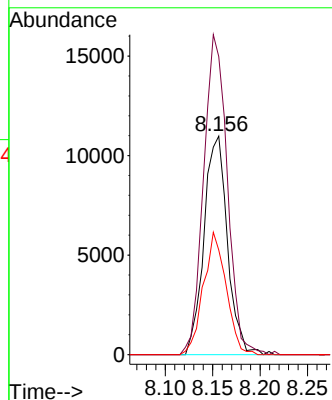
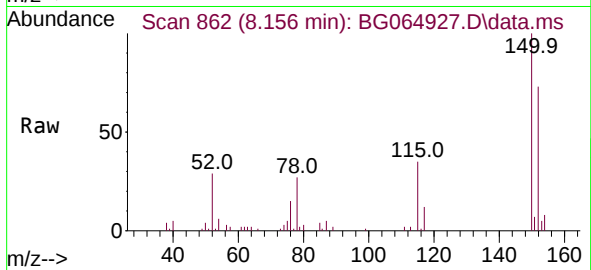




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.156 min Scan# 80
 Delta R.T. -0.011 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

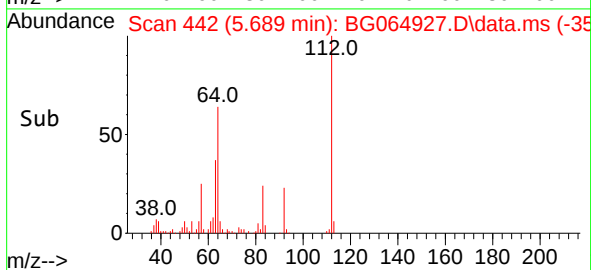
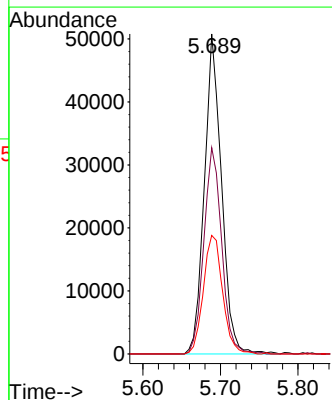
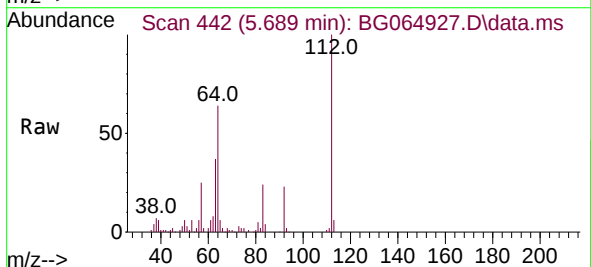
Instrument :
 BNA_G
 ClientSampleId :
 TP-11

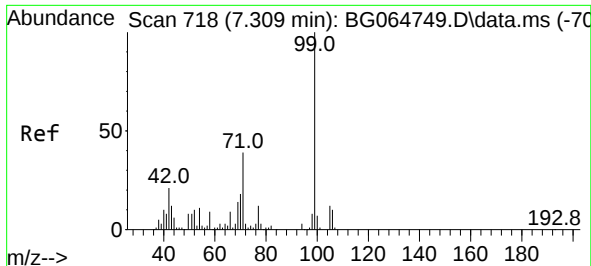
Tgt Ion:152 Resp: 18955
 Ion Ratio Lower Upper
 152 100
 150 136.4 129.2 193.8
 115 47.9 53.7 80.5#



#5
 2-Fluorophenol
 Concen: 71.859 ng
 RT: 5.689 min Scan# 442
 Delta R.T. -0.011 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

Tgt Ion:112 Resp: 78002
 Ion Ratio Lower Upper
 112 100
 64 64.4 61.0 91.4
 63 37.0 33.3 49.9

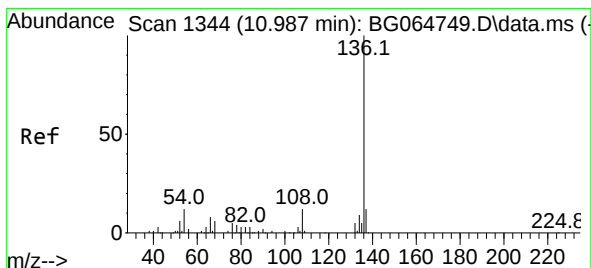
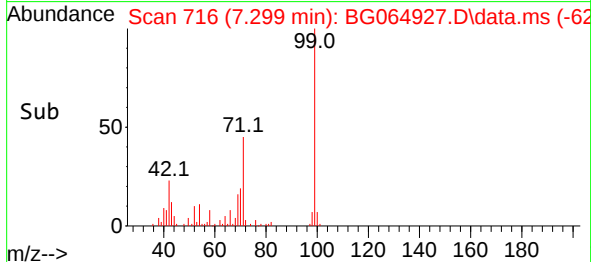
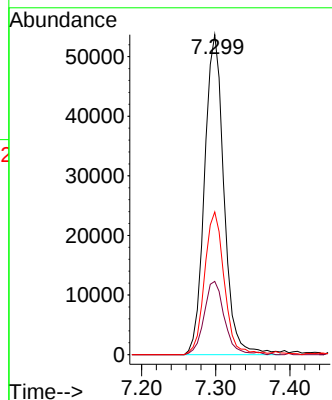
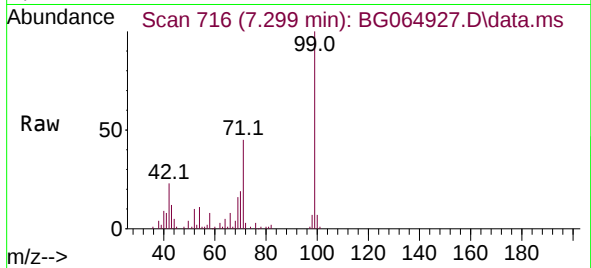




#7
Phenol-d6
Concen: 67.726 ng
RT: 7.299 min Scan# 718
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

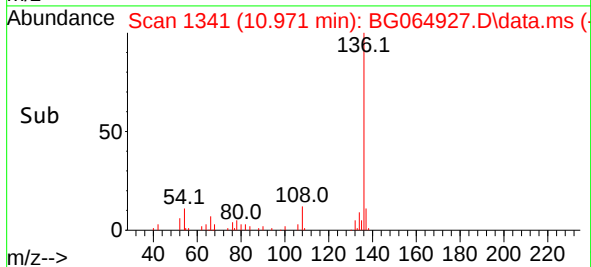
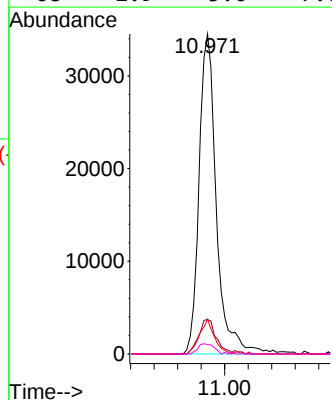
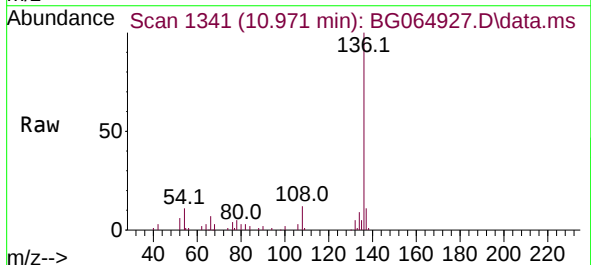
Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 97779
Ion Ratio Lower Upper
99 100
42 22.9 16.8 25.2
71 44.6 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.971 min Scan# 1341
Delta R.T. -0.016 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion: 136 Resp: 70420
Ion Ratio Lower Upper
136 100
137 10.7 9.3 13.9
54 11.8 9.3 13.9
68 2.9 5.0 7.6#





#23

Nitrobenzene-d5

Concen: 46.070 ng

RT: 9.314 min Scan# 10

Delta R.T. -0.017 min

Lab File: BG064927.D

Acq: 10 Dec 2025 19:13

Instrument :

BNA_G

ClientSampleId :

TP-11

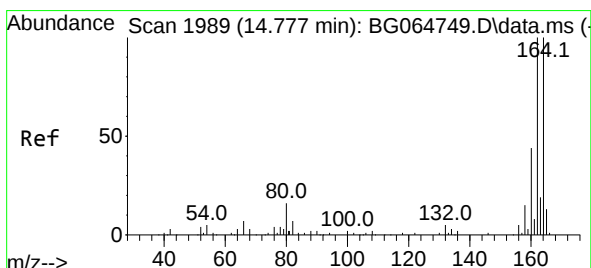
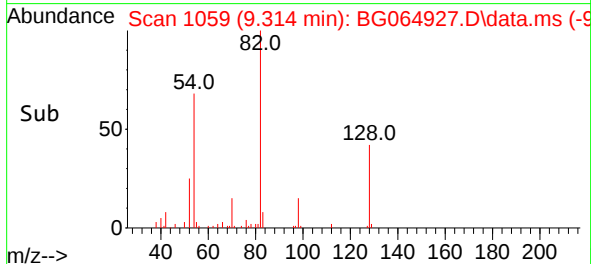
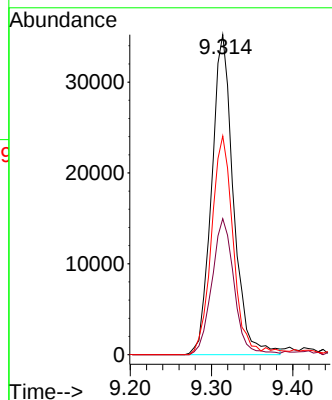
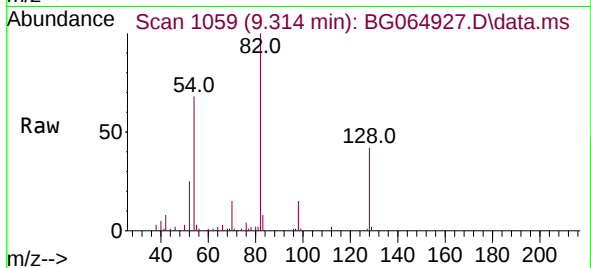
Tgt Ion: 82 Resp: 65616

Ion Ratio Lower Upper

82 100

128 42.5 34.1 51.1

54 68.3 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.760 min Scan# 1986

Delta R.T. -0.017 min

Lab File: BG064927.D

Acq: 10 Dec 2025 19:13

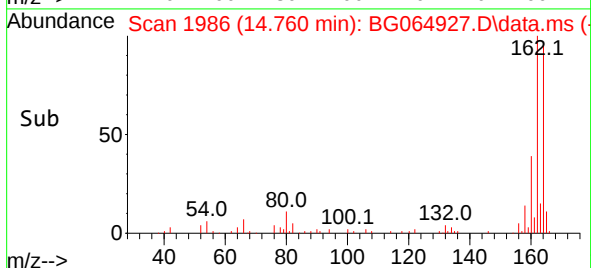
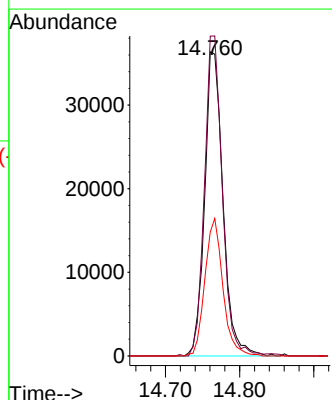
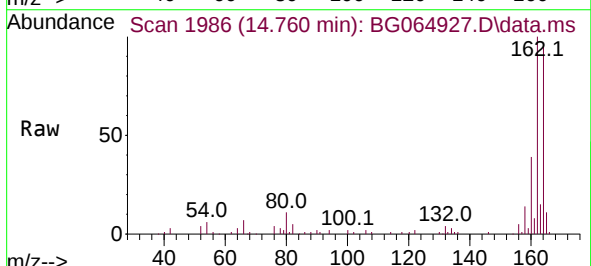
Tgt Ion:164 Resp: 62601

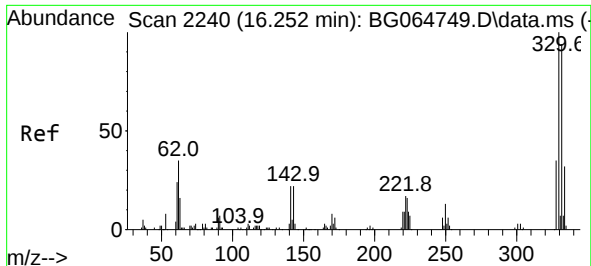
Ion Ratio Lower Upper

164 100

162 105.2 79.8 119.6

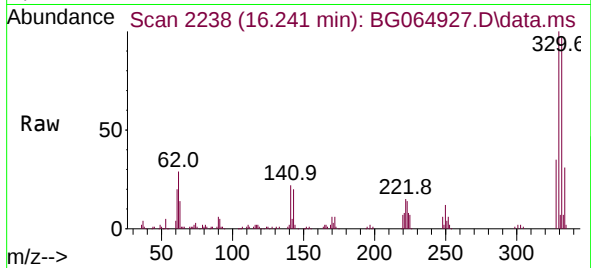
160 40.8 34.9 52.3



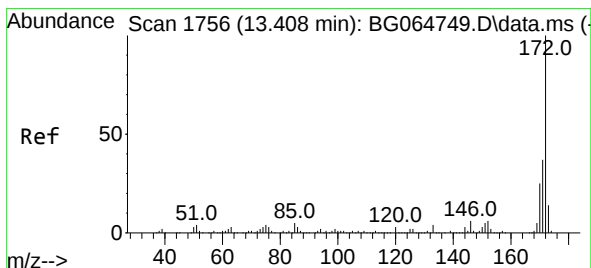
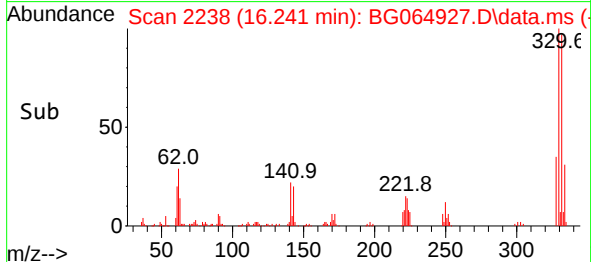
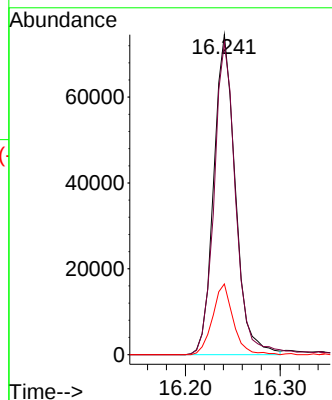


#42
 2,4,6-Tribromophenol
 Concen: 96.703 ng
 RT: 16.241 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

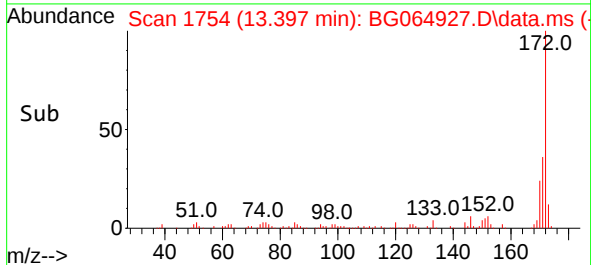
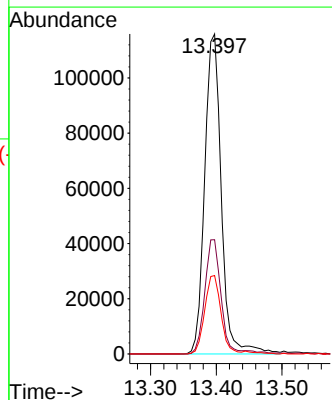
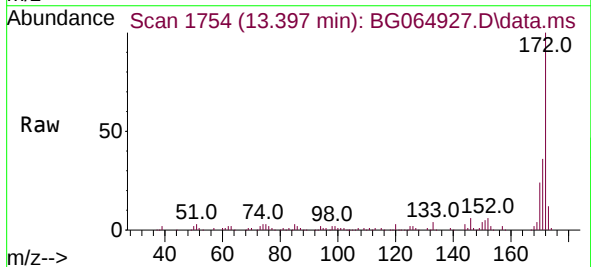


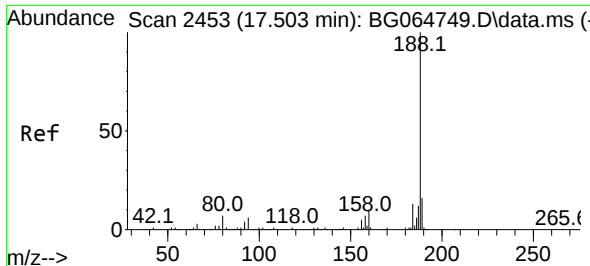
Tgt Ion:330 Resp: 118066
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 21.0 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 45.390 ng
 RT: 13.397 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

Tgt Ion:172 Resp: 203640
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.9 44.9
 170 24.5 19.8 29.6

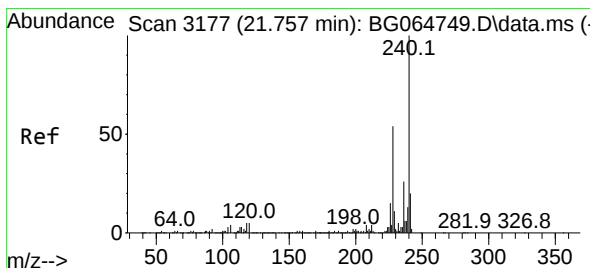
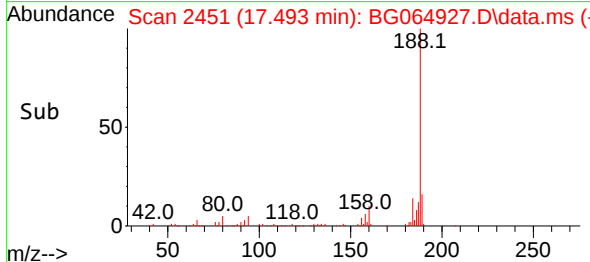
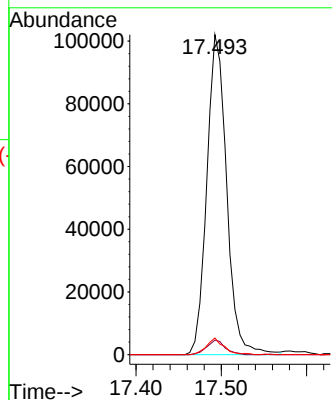
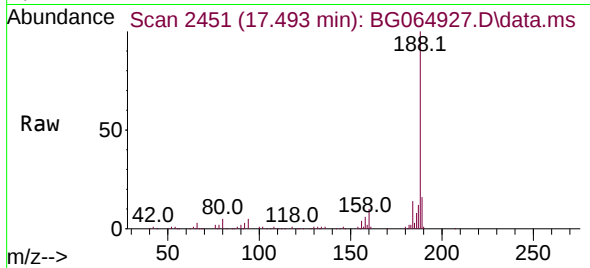




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 2453
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

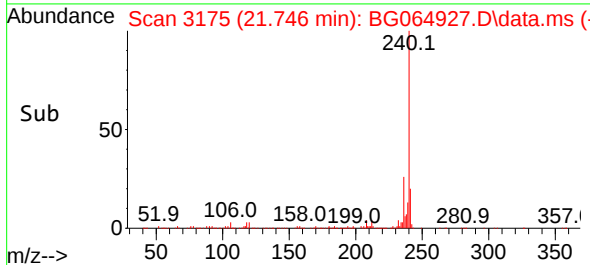
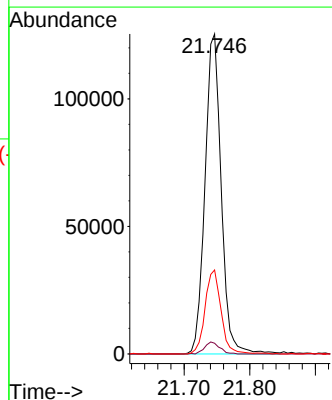
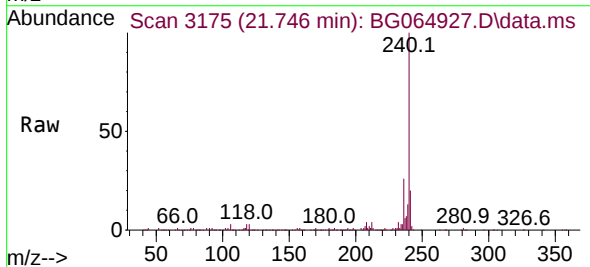
Instrument :
BNA_G
ClientSampleId :
TP-11

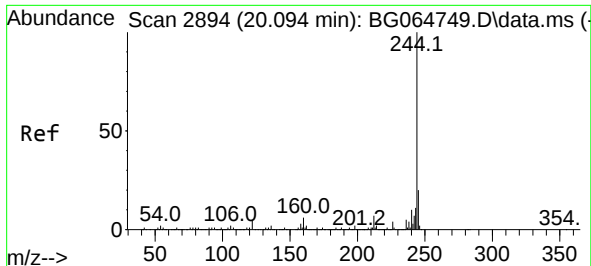
Tgt Ion:188 Resp: 165030
Ion Ratio Lower Upper
188 100
94 4.5 4.7 7.1#
80 5.2 5.4 8.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3175
Delta R.T. -0.011 min
Lab File: BG064927.D
Acq: 10 Dec 2025 19:13

Tgt Ion:240 Resp: 214683
Ion Ratio Lower Upper
240 100
120 3.3 4.2 6.4#
236 26.3 20.8 31.2

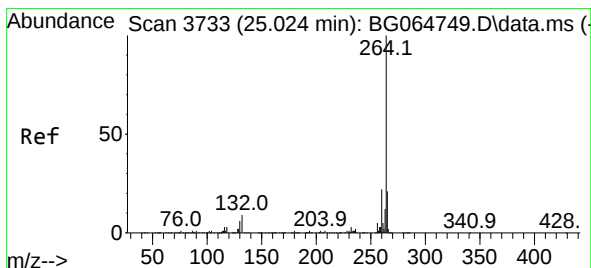
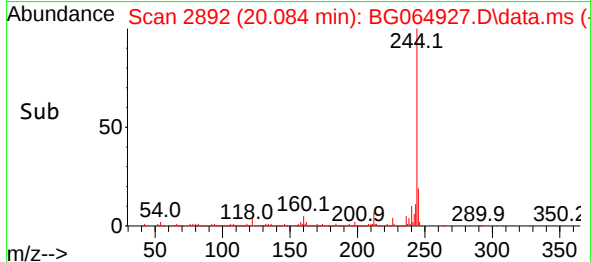
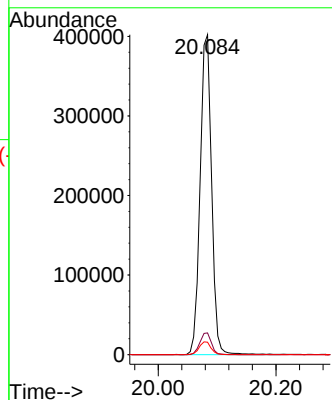
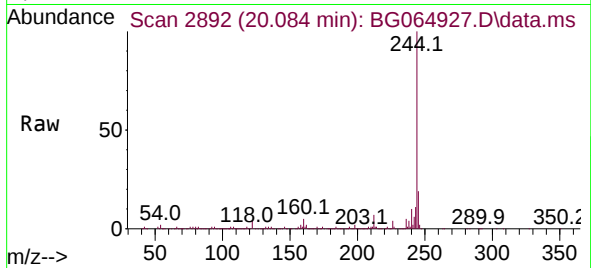




#79
 Terphenyl-d14
 Concen: 49.645 ng
 RT: 20.084 min Scan# 2894
 Delta R.T. -0.011 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Tgt Ion:244 Resp: 541812
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.6
 122 3.9 4.3 6.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.001 min Scan# 3729
 Delta R.T. -0.023 min
 Lab File: BG064927.D
 Acq: 10 Dec 2025 19:13

Tgt Ion:264 Resp: 241924
 Ion Ratio Lower Upper
 264 100
 260 23.0 17.2 25.8
 265 21.0 16.6 25.0

