

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111225\
 Data File : BG064754.D
 Acq On : 12 Nov 2025 17:26
 Operator : RC/JU
 Sample : PB170478BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170478BL

Quant Time: Nov 12 18:09:59 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	8.165	152	30847	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	121181	20.000	ng	# 0.00
39) Acenaphthene-d10	14.775	164	101088	20.000	ng	0.00
64) Phenanthrene-d10	17.501	188	262640	20.000	ng	0.00
76) Chrysene-d12	21.755	240	400088	20.000	ng	0.00
86) Perylene-d12	25.016	264	398082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.704	112	241676	136.810	ng	0.00
7) Phenol-d6	7.308	99	307980	131.082	ng	0.00
23) Nitrobenzene-d5	9.329	82	195479	79.757	ng	0.00
42) 2,4,6-Tribromophenol	16.250	330	243816	123.669	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	568460	78.466	ng	0.00
79) Terphenyl-d14	20.093	244	1719414	84.538	ng	0.00

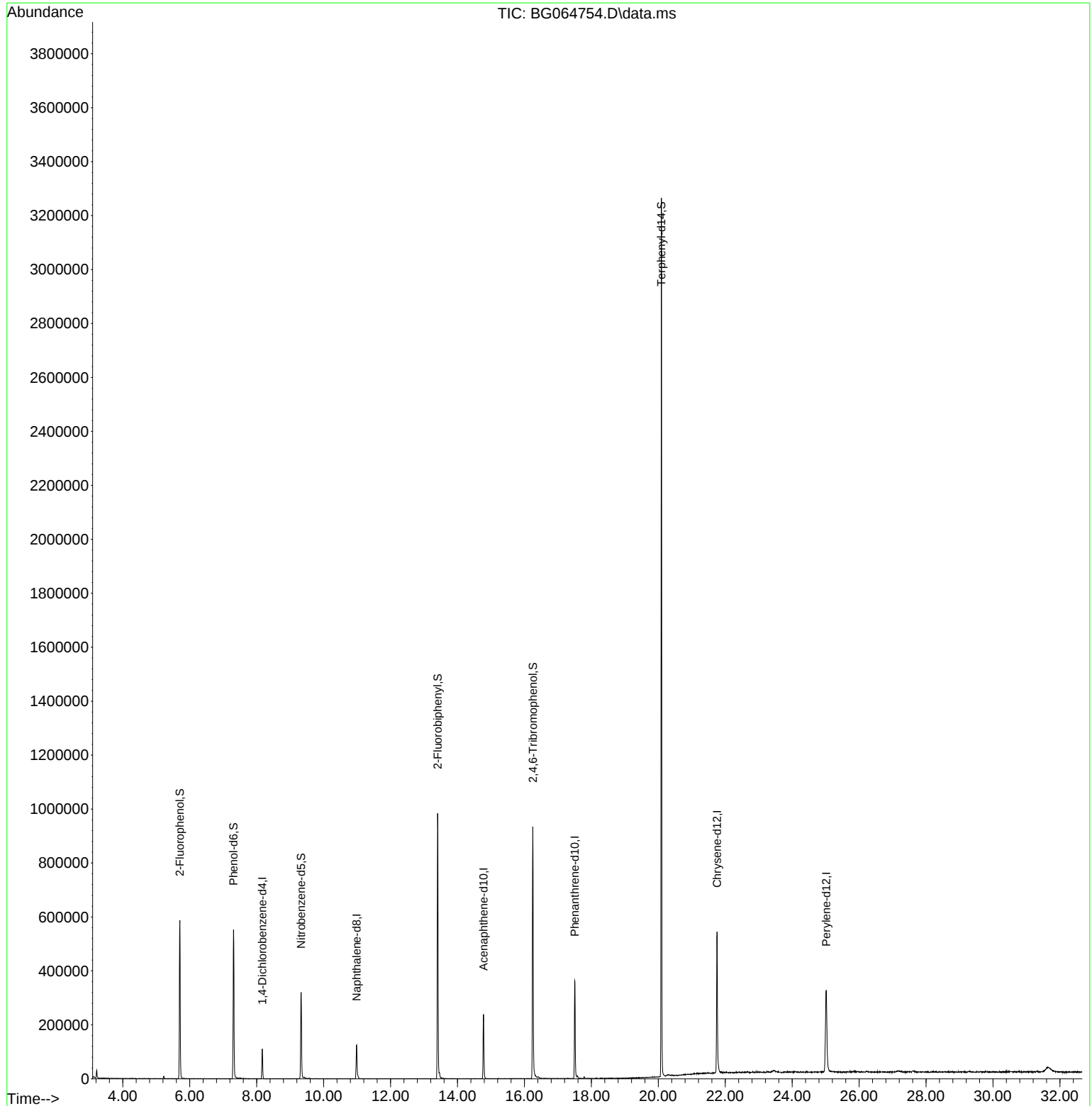
Target Compounds	Qvalue

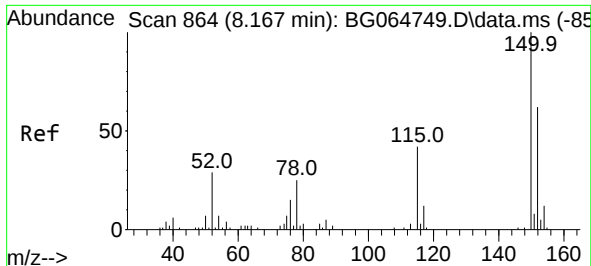
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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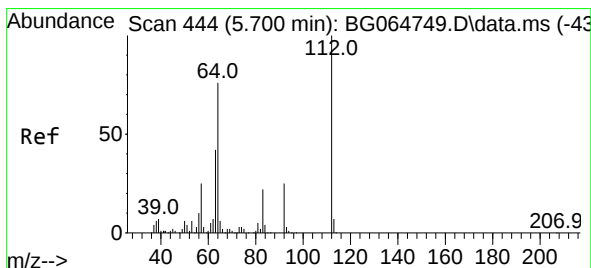
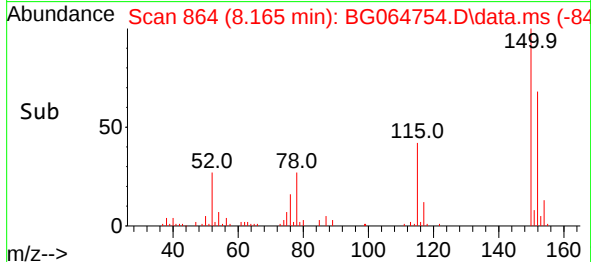
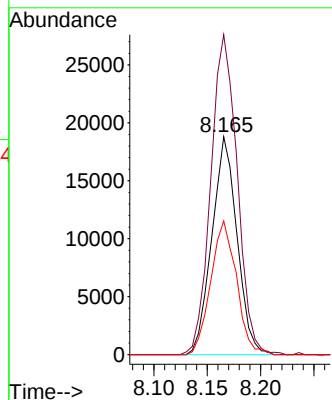
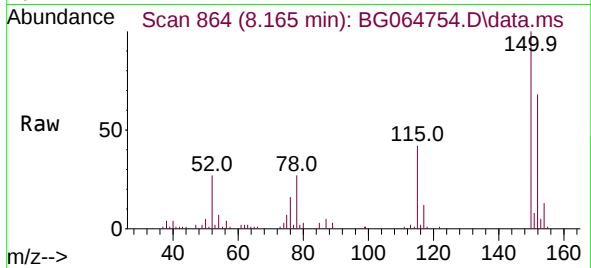




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.165 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG064754.D
Acq: 12 Nov 2025 17:26

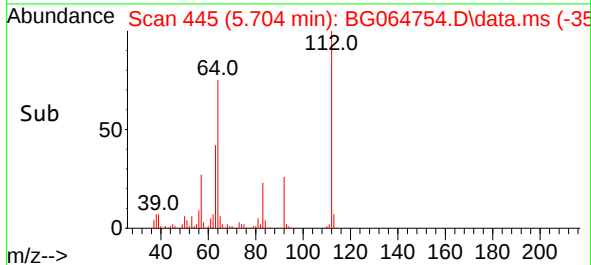
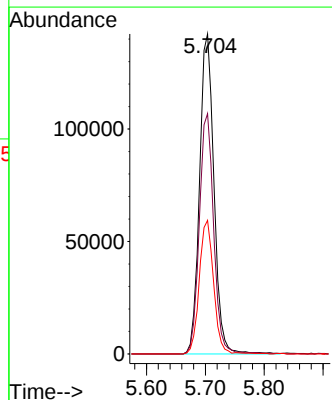
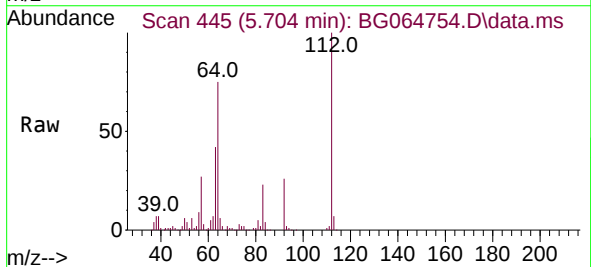
Instrument :
BNA_G
ClientSampleId :
PB170478BL

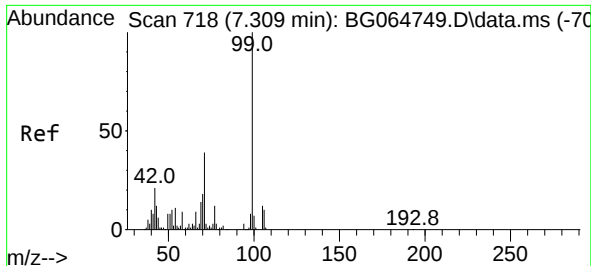
Tgt Ion:152 Resp: 30847
Ion Ratio Lower Upper
152 100
150 146.9 129.2 193.8
115 61.4 53.7 80.5



#5
2-Fluorophenol
Concen: 136.810 ng
RT: 5.704 min Scan# 445
Delta R.T. 0.004 min
Lab File: BG064754.D
Acq: 12 Nov 2025 17:26

Tgt Ion:112 Resp: 241676
Ion Ratio Lower Upper
112 100
64 75.1 61.0 91.4
63 41.7 33.3 49.9





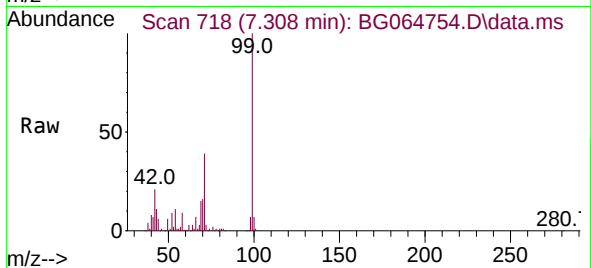
#7
Phenol-d6
Concen: 131.082 ng
RT: 7.308 min Scan# 718
Delta R.T. -0.002 min
Lab File: BG064754.D
Acq: 12 Nov 2025 17:26

Instrument :

BNA_G

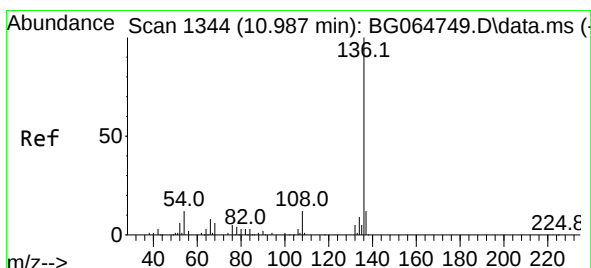
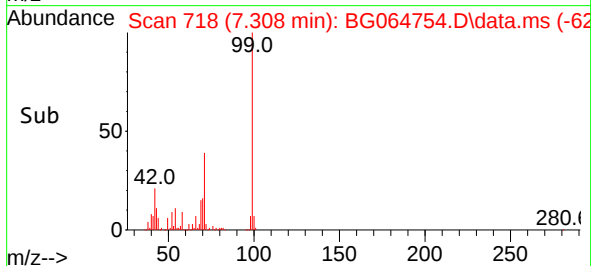
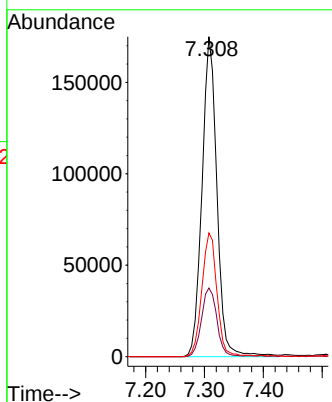
ClientSampleId :

PB170478BL



Tgt Ion: 99 Resp: 307980

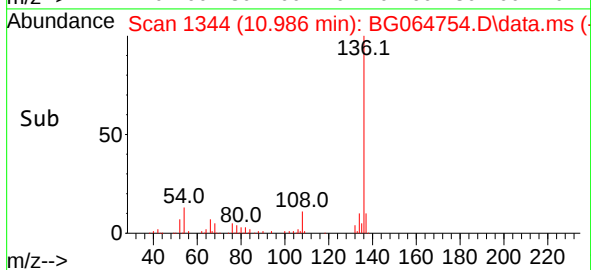
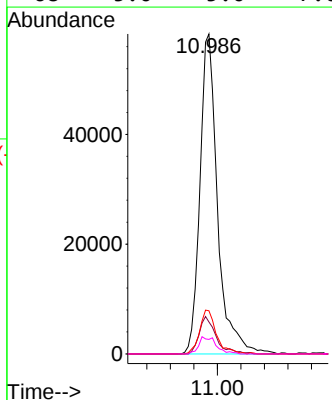
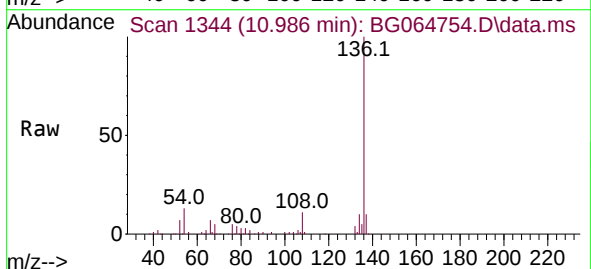
Ion	Ratio	Lower	Upper
99	100		
42	21.4	16.8	25.2
71	38.6	31.1	46.7

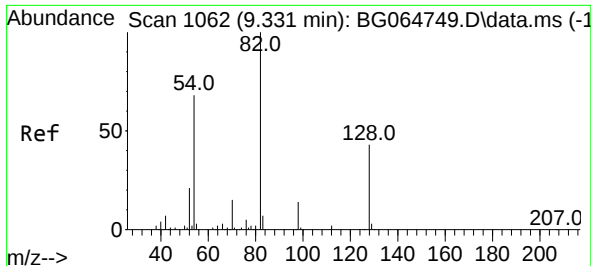


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.986 min Scan# 1344
Delta R.T. -0.001 min
Lab File: BG064754.D
Acq: 12 Nov 2025 17:26

Tgt Ion: 136 Resp: 121181

Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.3	13.9
54	13.5	9.3	13.9
68	5.0	5.0	7.6





#23

Nitrobenzene-d5

Concen: 79.757 ng

RT: 9.329 min Scan# 1062

Delta R.T. -0.002 min

Lab File: BG064754.D

Acq: 12 Nov 2025 17:26

Instrument :

BNA_G

ClientSampleId :

PB170478BL

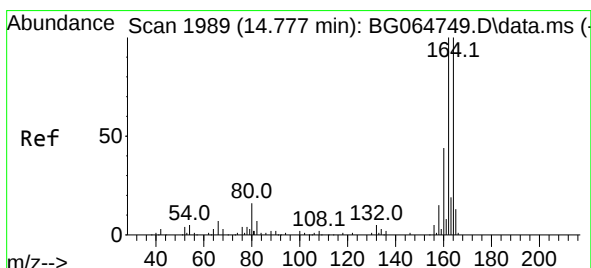
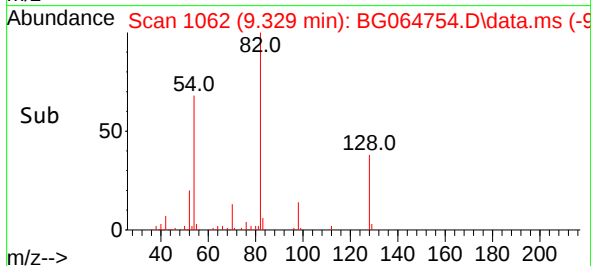
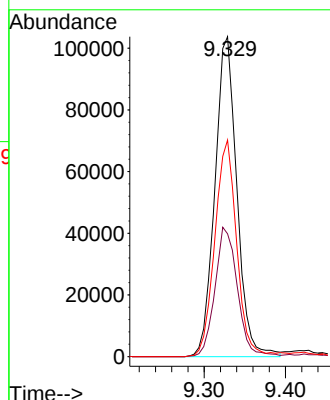
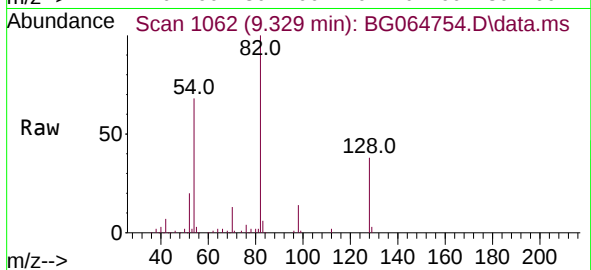
Tgt Ion: 82 Resp: 195479

Ion Ratio Lower Upper

82 100

128 38.4 34.1 51.1

54 67.7 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.775 min Scan# 1989

Delta R.T. -0.002 min

Lab File: BG064754.D

Acq: 12 Nov 2025 17:26

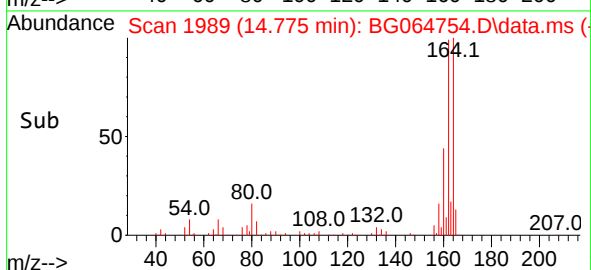
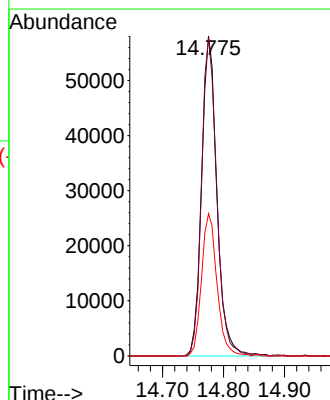
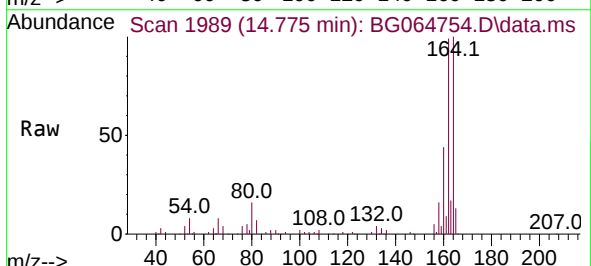
Tgt Ion: 164 Resp: 101088

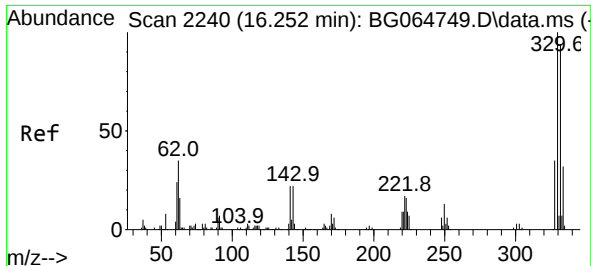
Ion Ratio Lower Upper

164 100

162 99.5 79.8 119.6

160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 123.669 ng

RT: 16.250 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG064754.D

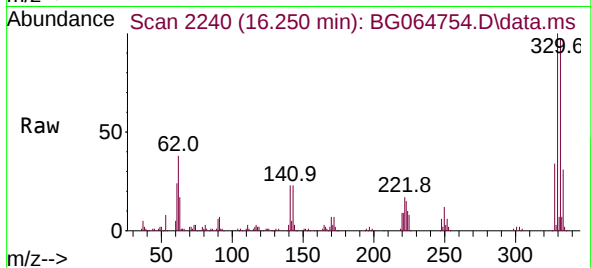
Acq: 12 Nov 2025 17:26

Instrument :

BNA_G

ClientSampleId :

PB170478BL



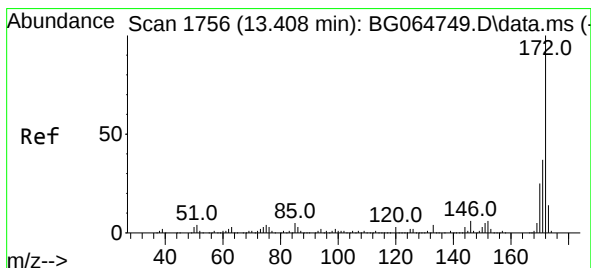
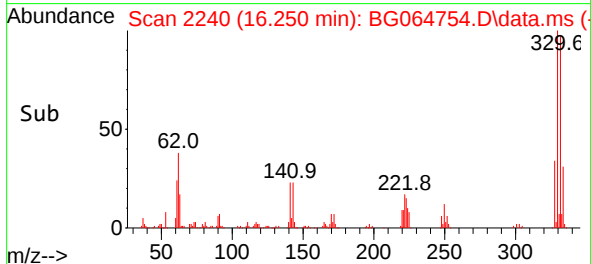
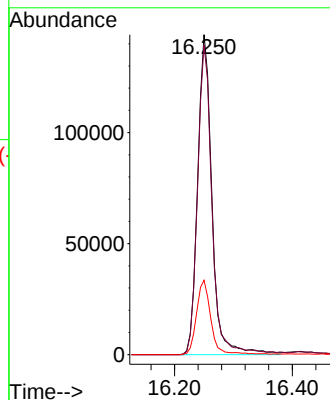
Tgt Ion:330 Resp: 243816

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

141 23.1 18.2 27.2



#45

2-Fluorobiphenyl

Concen: 78.466 ng

RT: 13.406 min Scan# 1756

Delta R.T. -0.002 min

Lab File: BG064754.D

Acq: 12 Nov 2025 17:26

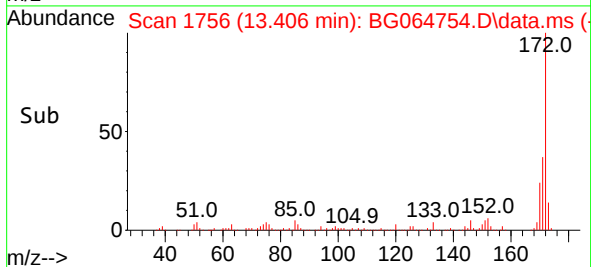
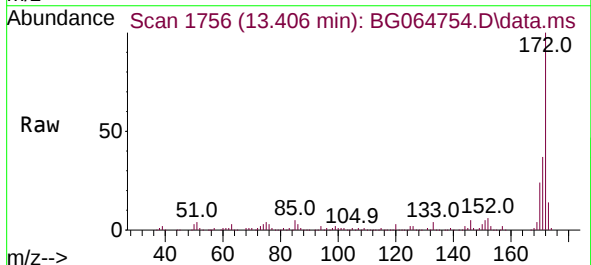
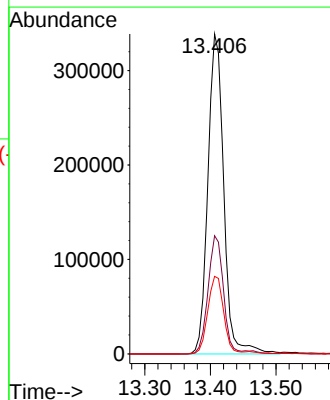
Tgt Ion:172 Resp: 568460

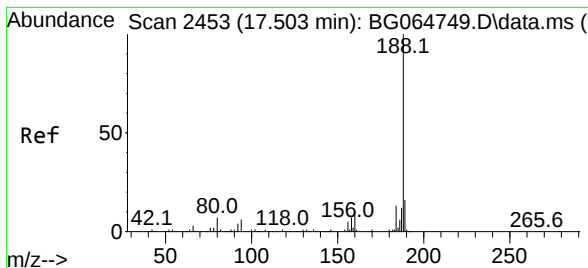
Ion Ratio Lower Upper

172 100

171 36.9 29.9 44.9

170 24.2 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.501 min Scan# 2453

Delta R.T. -0.002 min

Lab File: BG064754.D

Acq: 12 Nov 2025 17:26

Instrument :

BNA_G

ClientSampleId :

PB170478BL

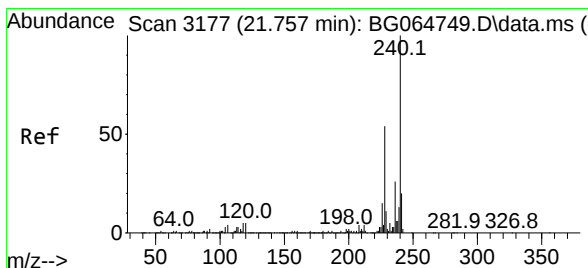
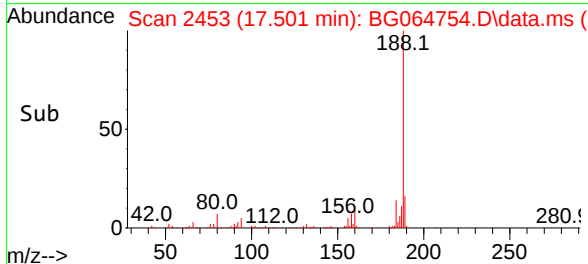
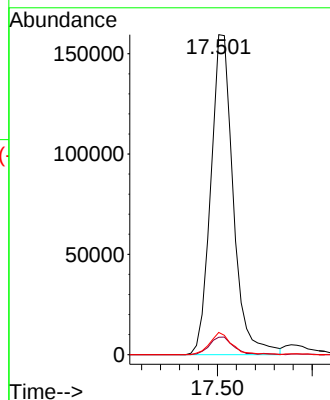
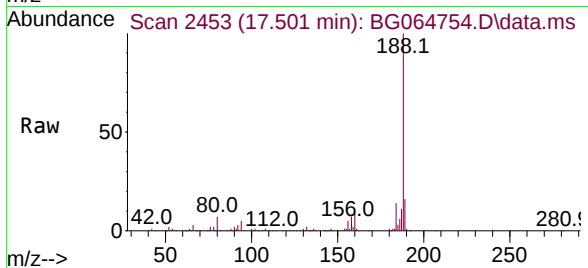
Tgt Ion:188 Resp: 262640

Ion Ratio Lower Upper

188 100

94 5.4 4.7 7.1

80 6.9 5.4 8.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.755 min Scan# 3177

Delta R.T. -0.002 min

Lab File: BG064754.D

Acq: 12 Nov 2025 17:26

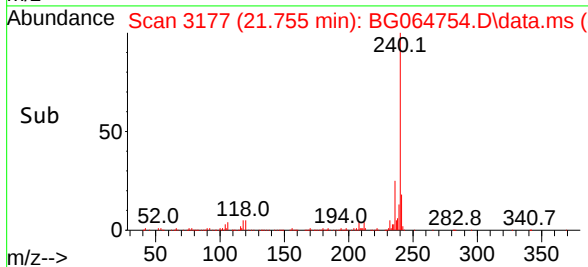
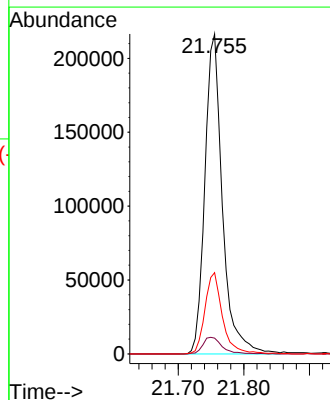
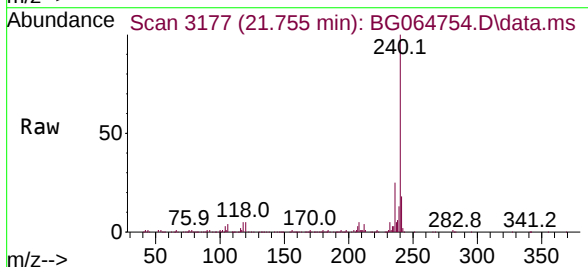
Tgt Ion:240 Resp: 400088

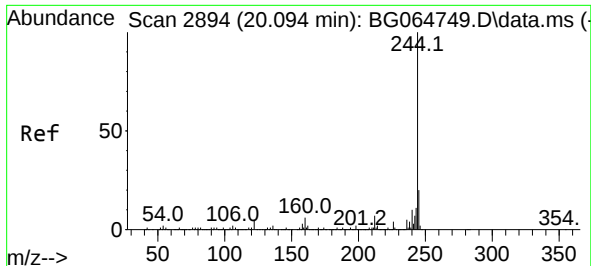
Ion Ratio Lower Upper

240 100

120 4.9 4.2 6.4

236 25.4 20.8 31.2

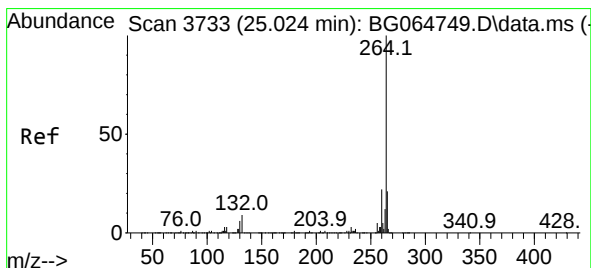
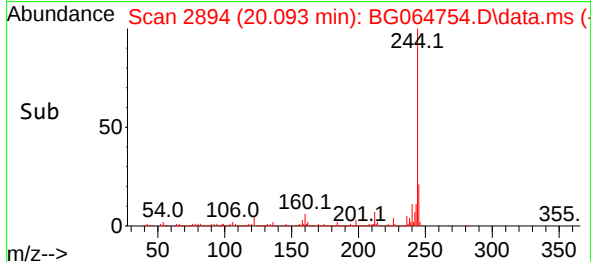
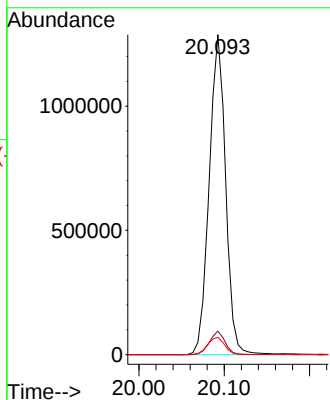
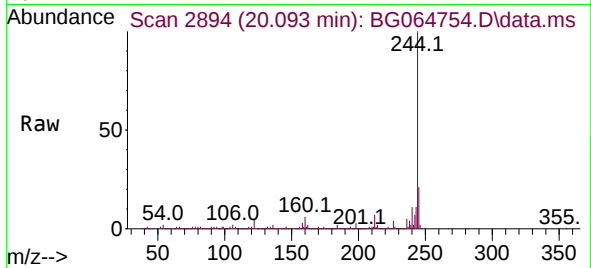




#79
 Terphenyl-d14
 Concen: 84.538 ng
 RT: 20.093 min Scan# 2894
 Delta R.T. -0.002 min
 Lab File: BG064754.D
 Acq: 12 Nov 2025 17:26

Instrument :
 BNA_G
 ClientSampleId :
 PB170478BL

Tgt Ion:244 Resp: 1719414
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 5.4 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.016 min Scan# 3732
 Delta R.T. -0.008 min
 Lab File: BG064754.D
 Acq: 12 Nov 2025 17:26

Tgt Ion:264 Resp: 398082
 Ion Ratio Lower Upper
 264 100
 260 22.8 17.2 25.8
 265 20.4 16.6 25.0

