

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064286.D
 Acq On : 4 Sep 2025 18:05
 Operator : RC/JU
 Sample : PB169528BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169528BL

Quant Time: Sep 04 18:40:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	23451	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	97762	20.000	ng	-0.01
39) Acenaphthene-d10	14.476	164	74722	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	184948	20.000	ng	0.00
76) Chrysene-d12	21.445	240	197016	20.000	ng	-0.01
86) Perylene-d12	24.453	264	213678	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	170134	130.159	ng	0.00
7) Phenol-d6	7.026	99	222114	123.688	ng	0.00
23) Nitrobenzene-d5	9.006	82	157457	89.825	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	143390	144.878	ng	0.00
45) 2-Fluorobiphenyl	13.102	172	401620	82.039	ng	-0.01
79) Terphenyl-d14	19.841	244	851755	90.199	ng	0.00

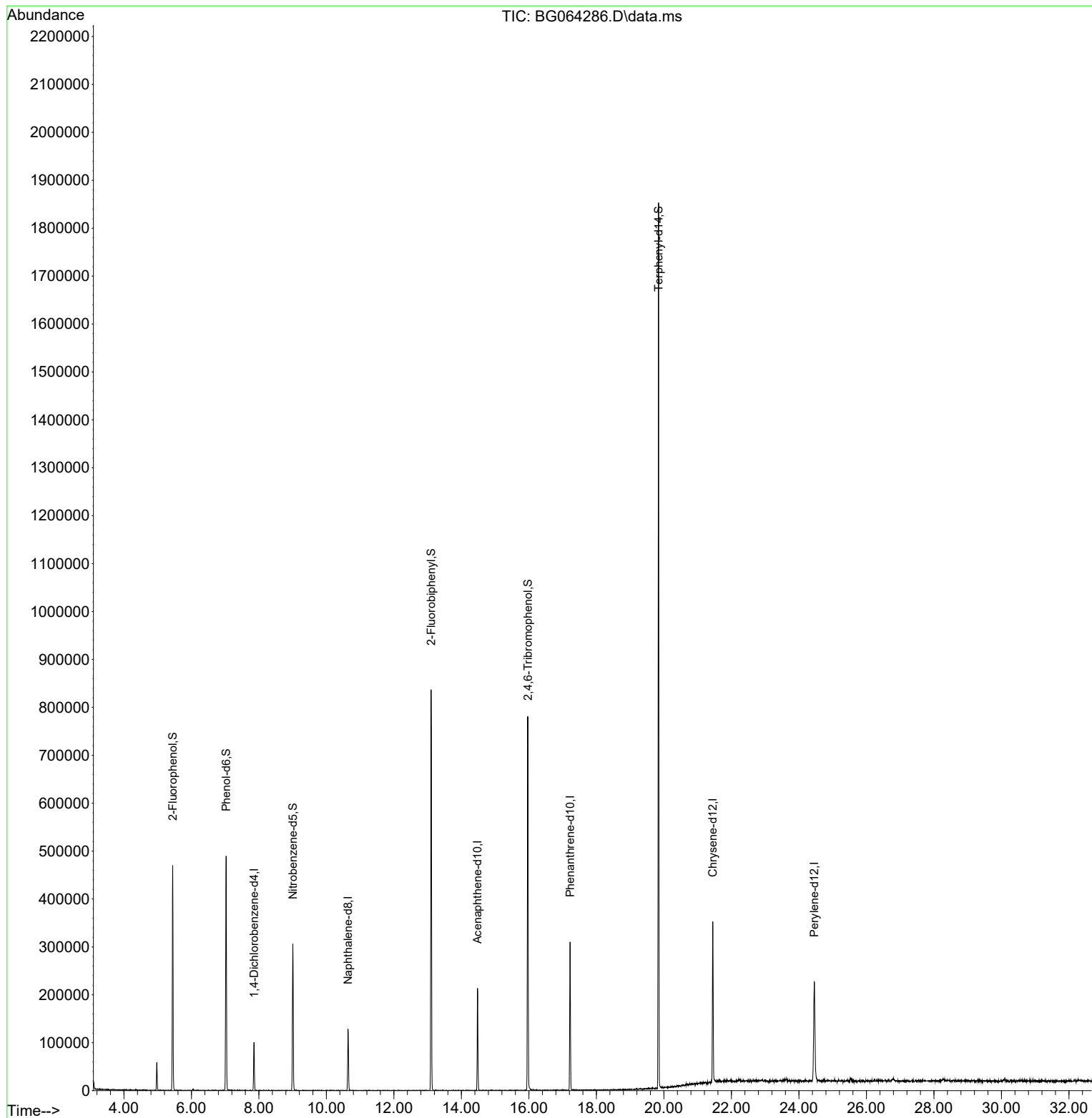
Target Compounds	Qvalue

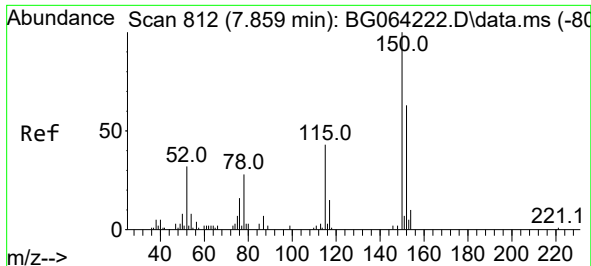
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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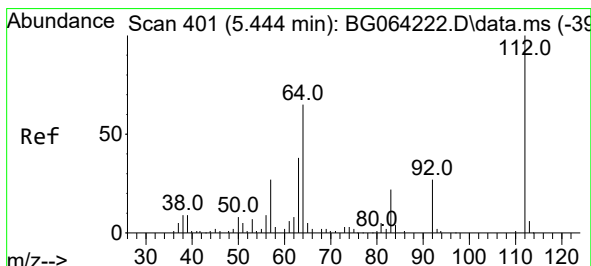
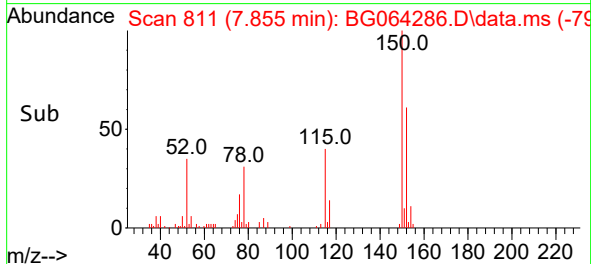
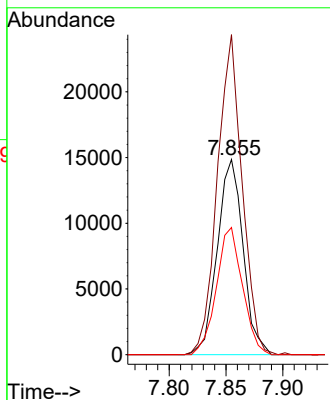
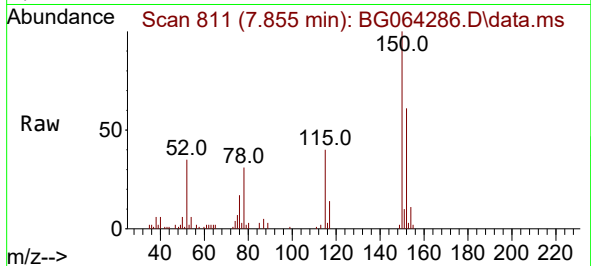




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 812
Delta R.T. -0.004 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05

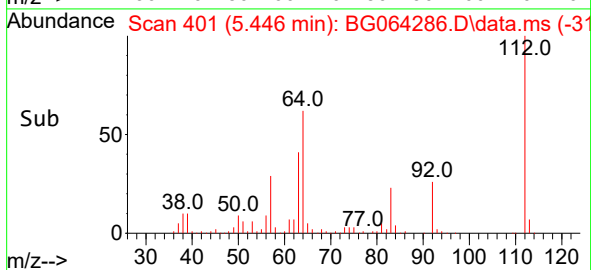
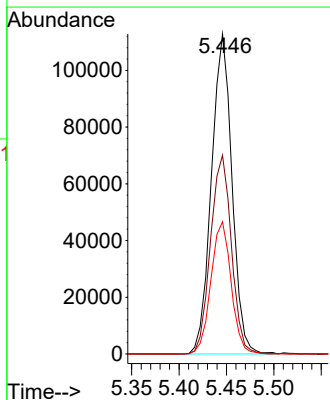
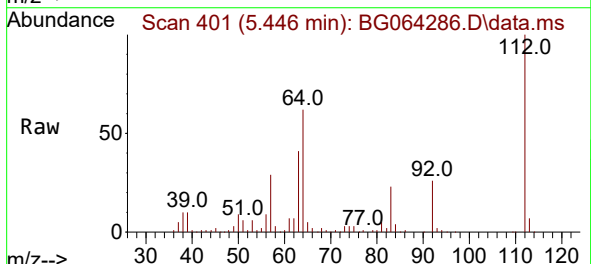
Instrument :
BNA_G
ClientSampleId :
PB169528BL

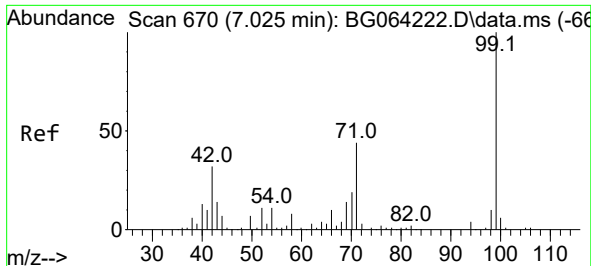
Tgt Ion:152 Resp: 23451
Ion Ratio Lower Upper
152 100
150 163.9 128.0 192.0
115 65.1 55.7 83.5



#5
2-Fluorophenol
Concen: 130.159 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.001 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05

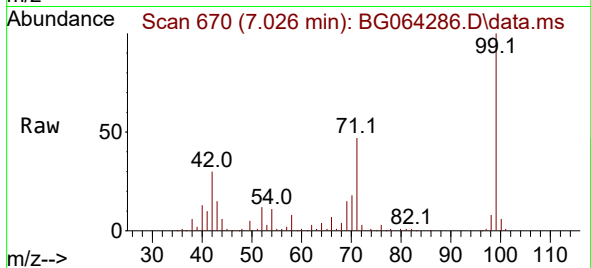
Tgt Ion:112 Resp: 170134
Ion Ratio Lower Upper
112 100
64 62.1 51.8 77.6
63 41.3 30.6 45.8



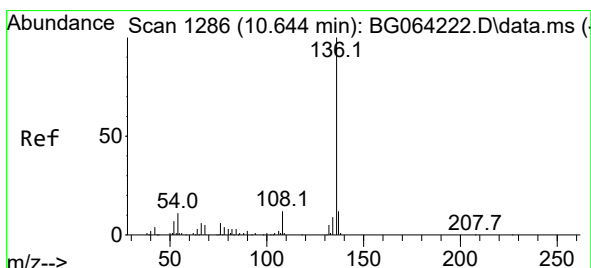
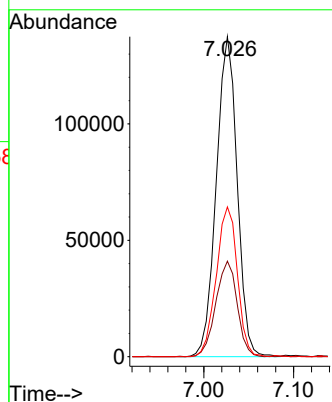
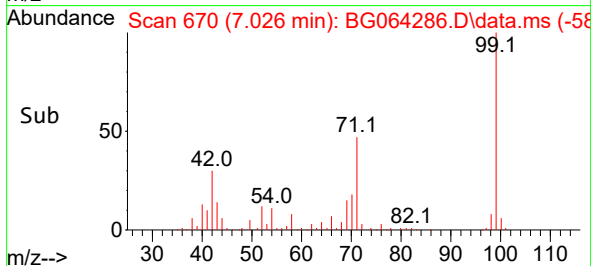


#7
Phenol-d6
Concen: 123.688 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05

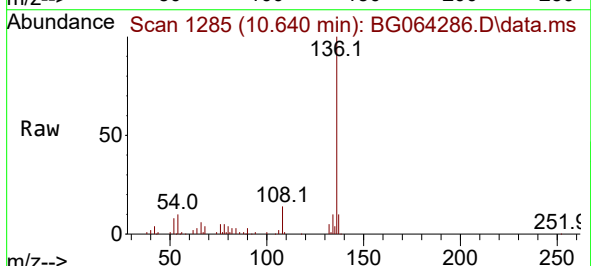
Instrument :
BNA_G
ClientSampleId :
PB169528BL



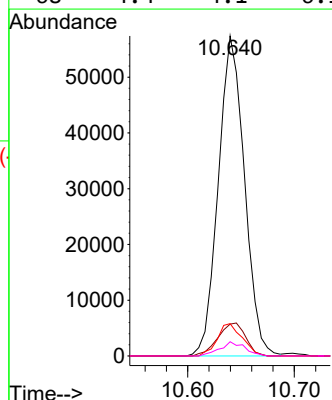
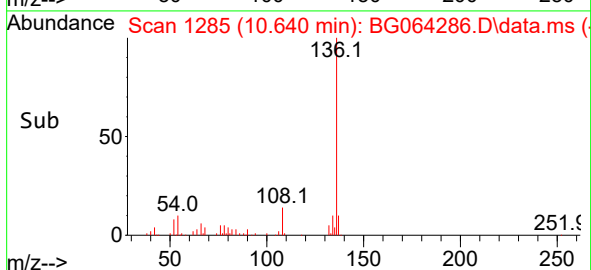
Tgt Ion: 99 Resp: 222114
Ion Ratio Lower Upper
99 100
42 29.9 25.8 38.8
71 46.8 35.2 52.8

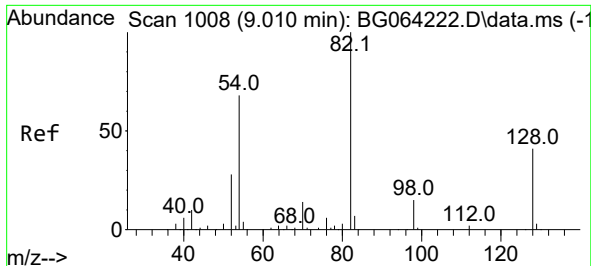


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1285
Delta R.T. -0.010 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05



Tgt Ion:136 Resp: 97762
Ion Ratio Lower Upper
136 100
137 10.0 9.6 14.4
54 10.1 8.8 13.2
68 4.4 4.1 6.1





#23

Nitrobenzene-d5

Concen: 89.825 ng

RT: 9.006 min Scan# 1007

Delta R.T. -0.010 min

Lab File: BG064286.D

Acq: 4 Sep 2025 18:05

Instrument :

BNA_G

ClientSampleId :

PB169528BL

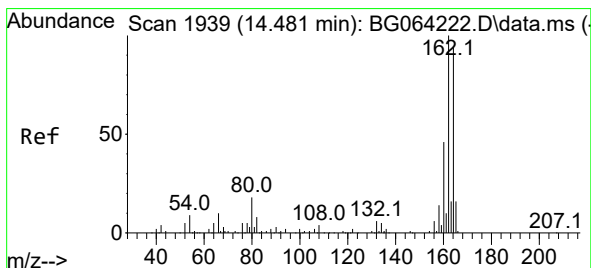
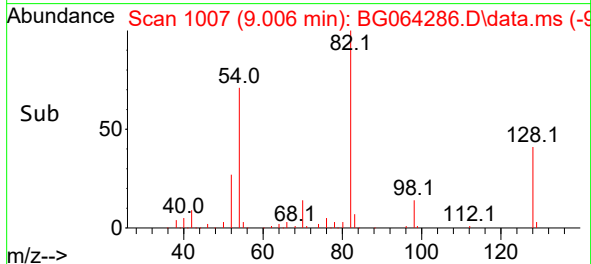
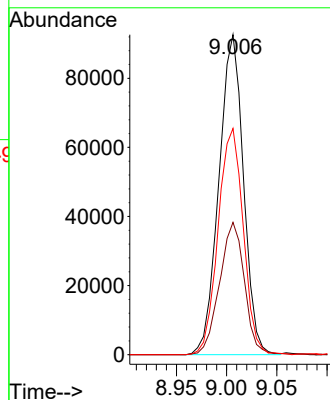
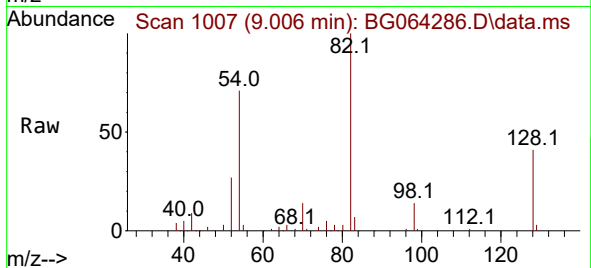
Tgt Ion: 82 Resp: 157457

Ion Ratio Lower Upper

82 100

128 41.3 32.6 48.8

54 70.7 54.7 82.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.476 min Scan# 1938

Delta R.T. -0.005 min

Lab File: BG064286.D

Acq: 4 Sep 2025 18:05

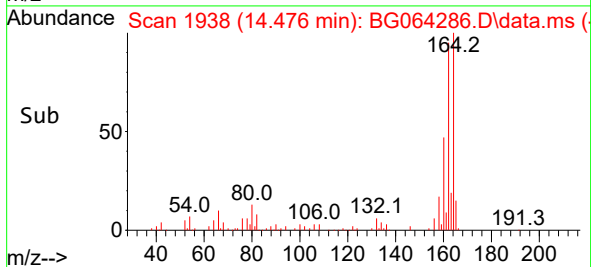
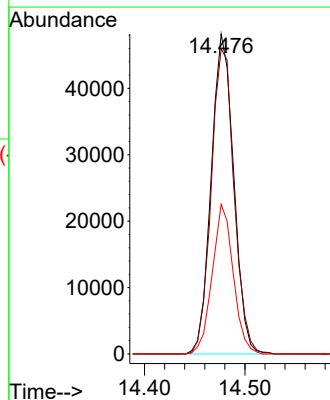
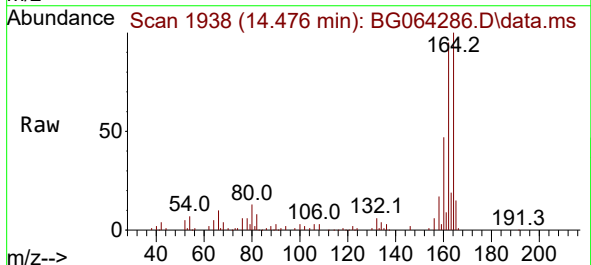
Tgt Ion:164 Resp: 74722

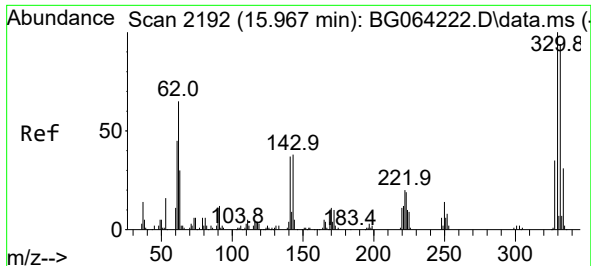
Ion Ratio Lower Upper

164 100

162 95.4 85.4 128.0

160 46.7 39.2 58.8





#42

2,4,6-Tribromophenol

Concen: 144.878 ng

RT: 15.969 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064286.D

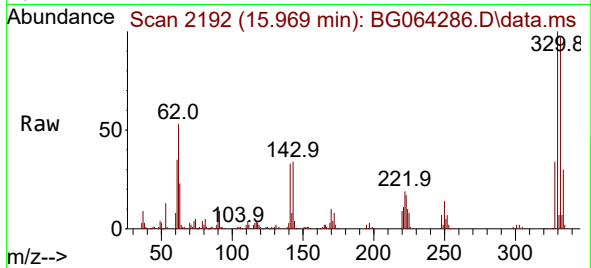
Acq: 4 Sep 2025 18:05

Instrument :

BNA_G

ClientSampleId :

PB169528BL



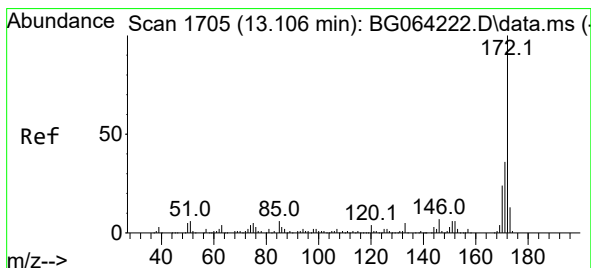
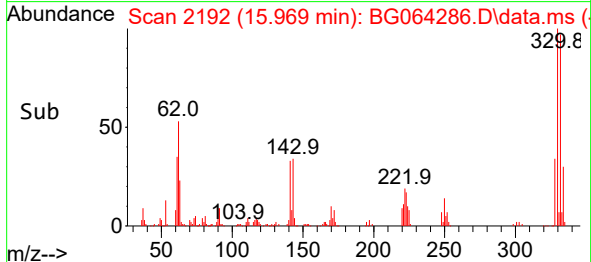
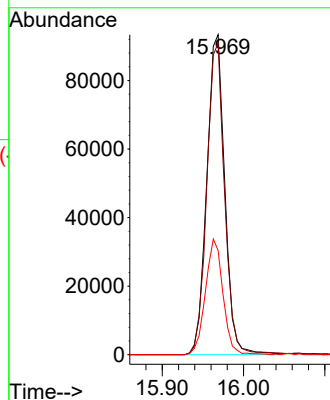
Tgt Ion:330 Resp: 143390

Ion Ratio Lower Upper

330 100

332 96.4 77.6 116.4

141 35.3 29.8 44.6



#45

2-Fluorobiphenyl

Concen: 82.039 ng

RT: 13.102 min Scan# 1704

Delta R.T. -0.010 min

Lab File: BG064286.D

Acq: 4 Sep 2025 18:05

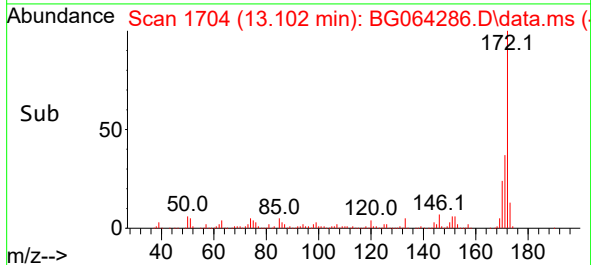
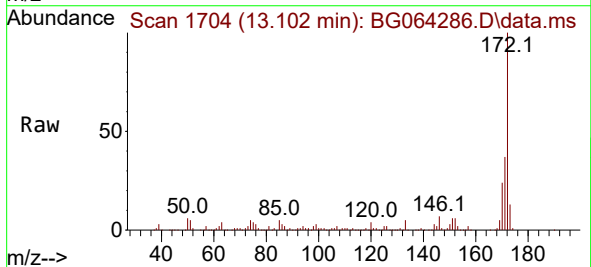
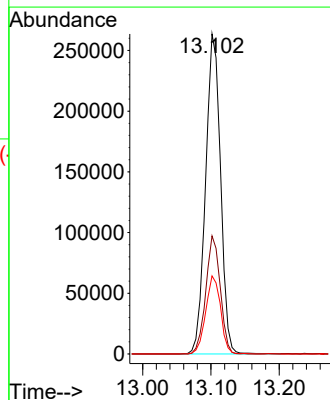
Tgt Ion:172 Resp: 401620

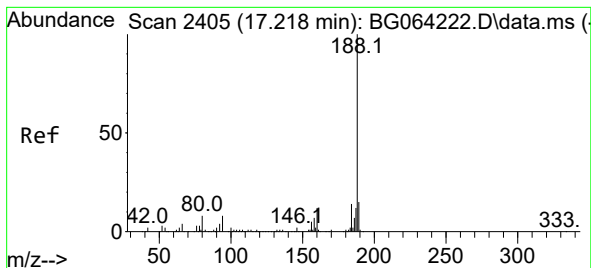
Ion Ratio Lower Upper

172 100

171 36.9 28.7 43.1

170 24.4 19.0 28.6

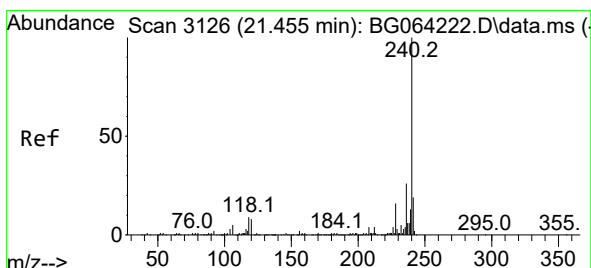
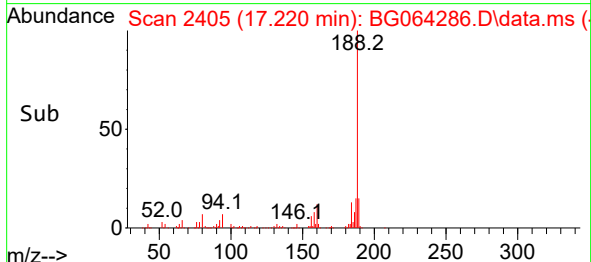
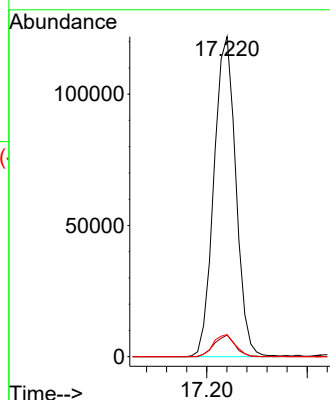
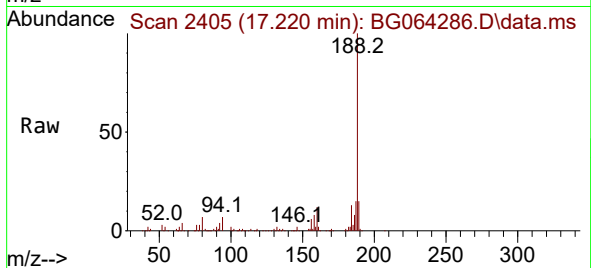




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05

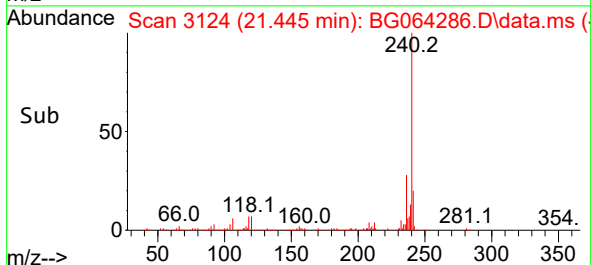
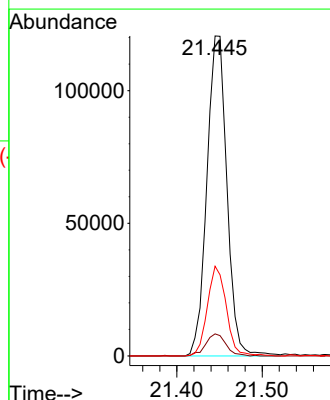
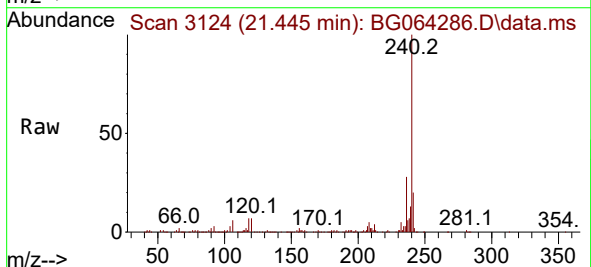
Instrument :
BNA_G
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PB169528BL

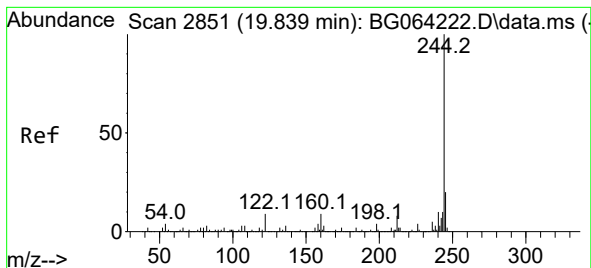
Tgt Ion:188 Resp: 184948
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.4
80 6.9 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.445 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BG064286.D
Acq: 4 Sep 2025 18:05

Tgt Ion:240 Resp: 197016
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 28.1 20.5 30.7





#79

Terphenyl-d14

Concen: 90.199 ng

RT: 19.841 min Scan# 2

Delta R.T. -0.004 min

Lab File: BG064286.D

Acq: 4 Sep 2025 18:05

Instrument :

BNA_G

ClientSampleId :

PB169528BL

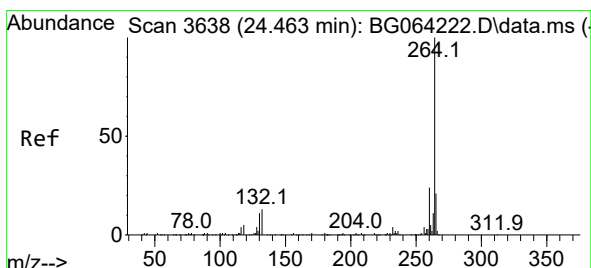
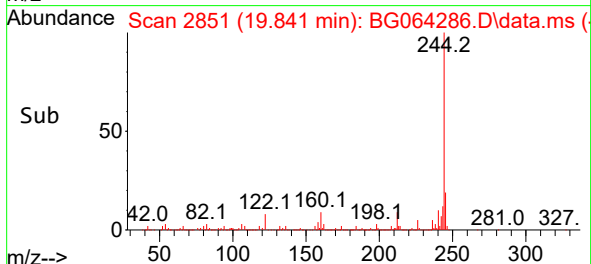
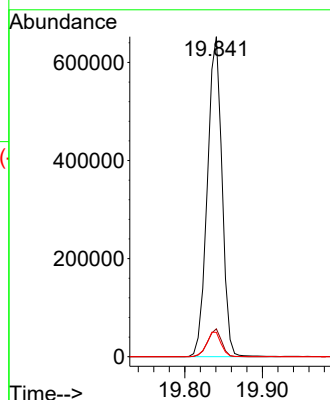
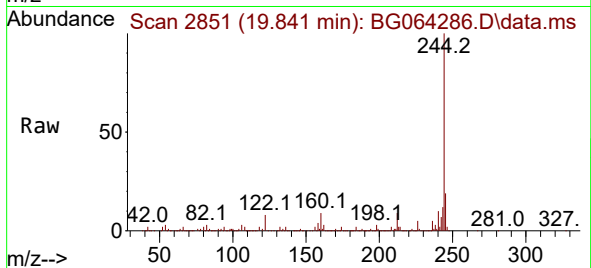
Tgt Ion:244 Resp: 851755

Ion Ratio Lower Upper

244 100

212 8.7 6.6 10.0

122 7.6 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.453 min Scan# 3636

Delta R.T. -0.010 min

Lab File: BG064286.D

Acq: 4 Sep 2025 18:05

Tgt Ion:264 Resp: 213678

Ion Ratio Lower Upper

264 100

260 22.3 18.9 28.3

265 22.5 16.7 25.1

