

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064594.D
 Acq On : 27 Oct 2025 19:28
 Operator : RC/JU
 Sample : Q3451-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-11

Quant Time: Oct 28 01:06:24 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.217	152	34831	20.000	ng	0.00
21) Naphthalene-d8	11.043	136	137014	20.000	ng	0.00
39) Acenaphthene-d10	14.839	164	110690	20.000	ng	0.00
64) Phenanthrene-d10	17.571	188	274136	20.000	ng	0.00
76) Chrysene-d12	21.848	240	305208	20.000	ng	-0.02
86) Perylene-d12	25.186	264	318351	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.750	112	235280	113.381	ng	0.00
7) Phenol-d6	7.348	99	302957	106.394	ng	0.00
23) Nitrobenzene-d5	9.381	82	173982	76.268	ng	0.00
42) 2,4,6-Tribromophenol	16.314	330	189705	118.744	ng	0.00
45) 2-Fluorobiphenyl	13.470	172	490032	67.103	ng	0.00
79) Terphenyl-d14	20.168	244	1069505	66.130	ng	0.00

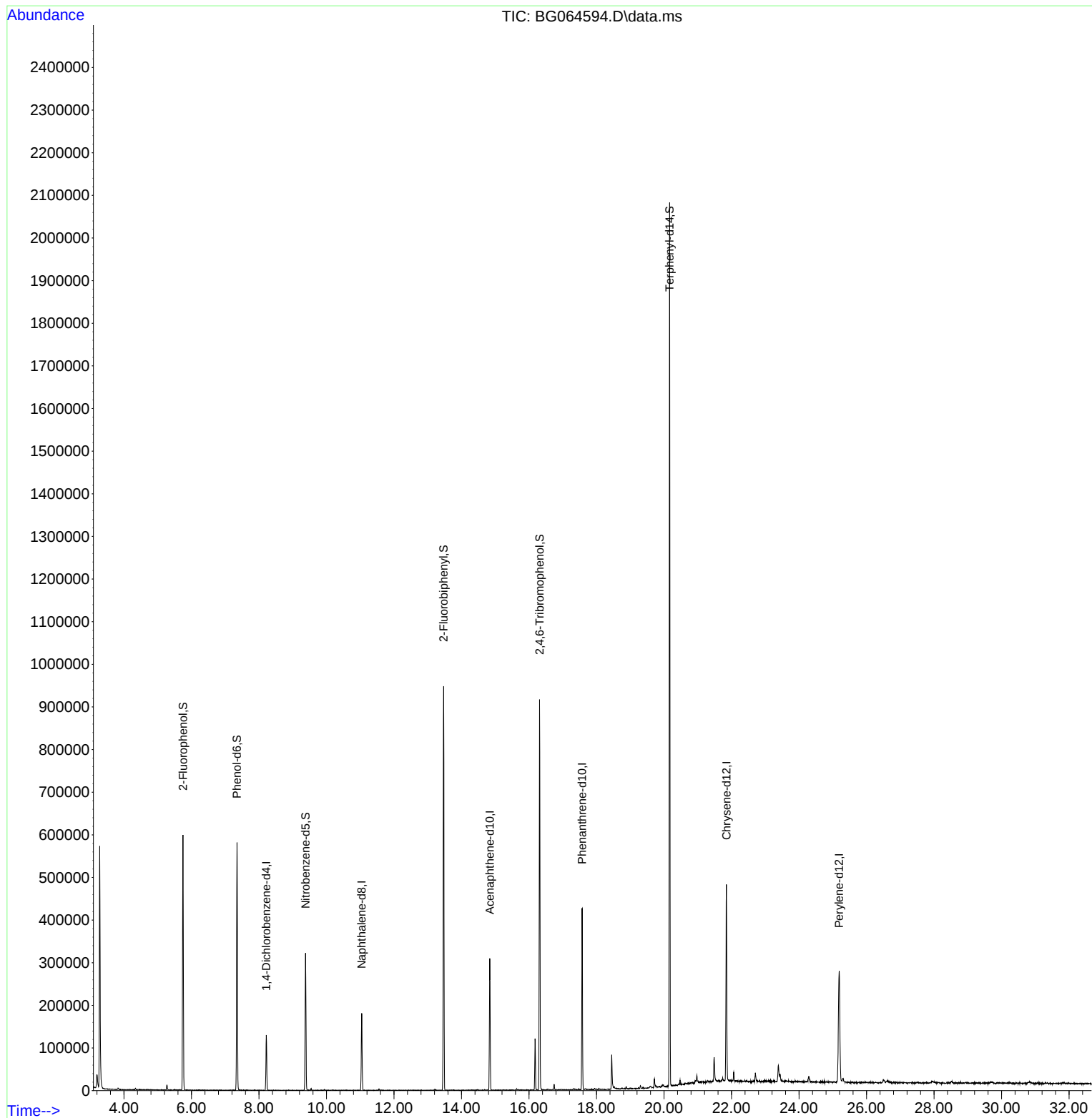
Target Compounds	Qvalue

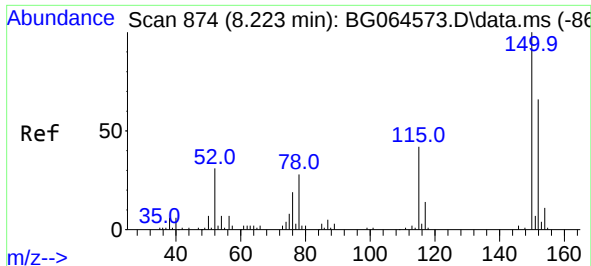
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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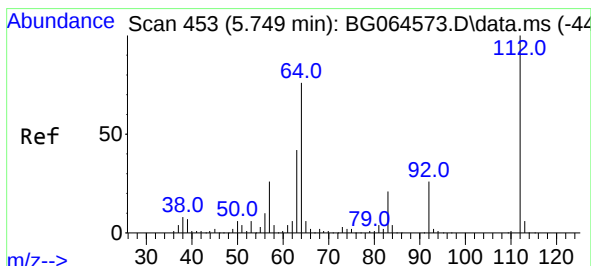
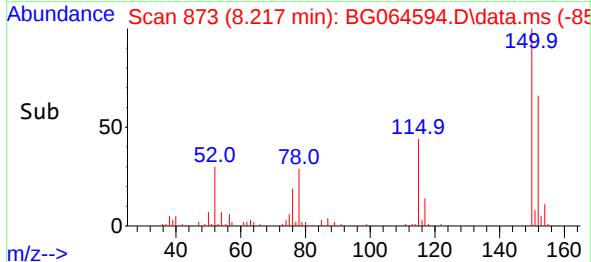
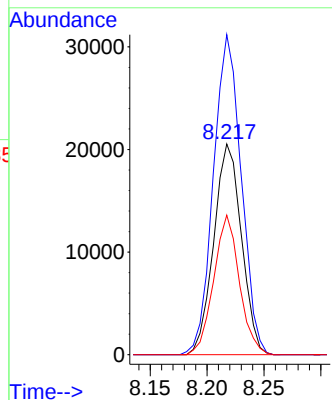
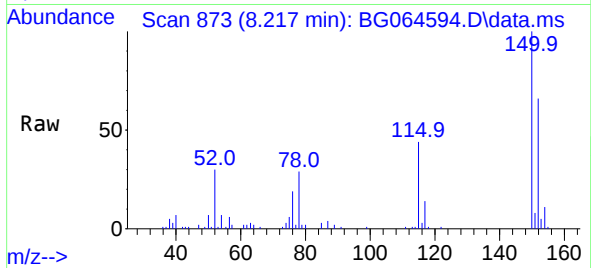




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.217 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

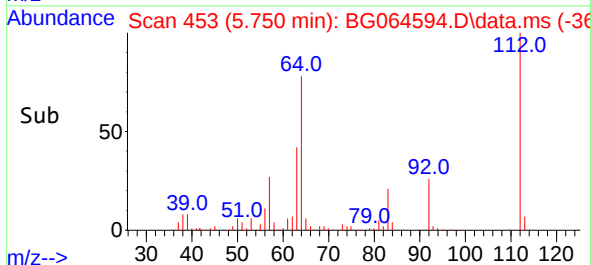
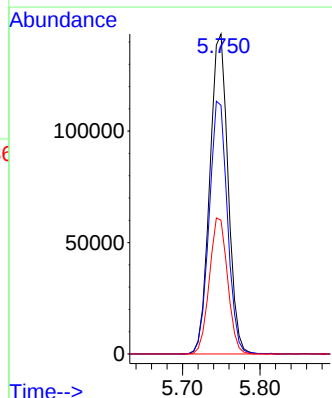
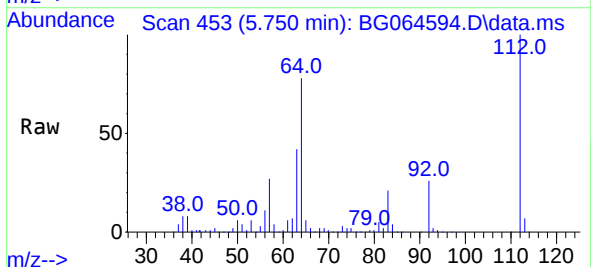
Instrument :
BNA_G
ClientSampleId :
TP-11

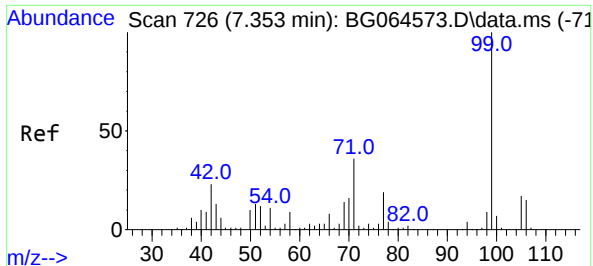
Tgt Ion:152 Resp: 34831
Ion Ratio Lower Upper
152 100
150 151.8 122.2 183.4
115 66.2 50.8 76.2



#5
2-Fluorophenol
Concen: 113.381 ng
RT: 5.750 min Scan# 453
Delta R.T. 0.003 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Tgt Ion:112 Resp: 235280
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 41.8 33.4 50.0



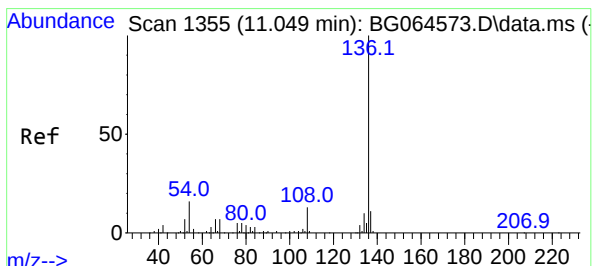
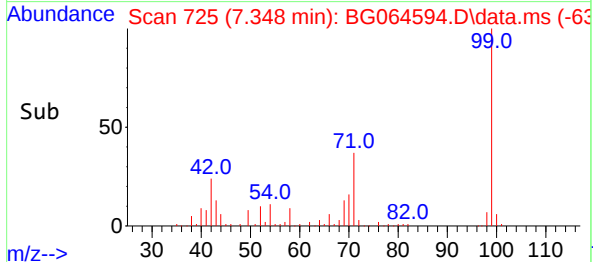
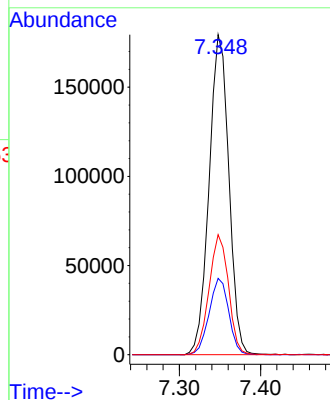
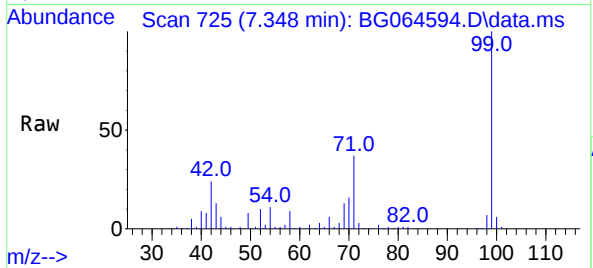


#7
Phenol-d6
Concen: 106.394 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 302957

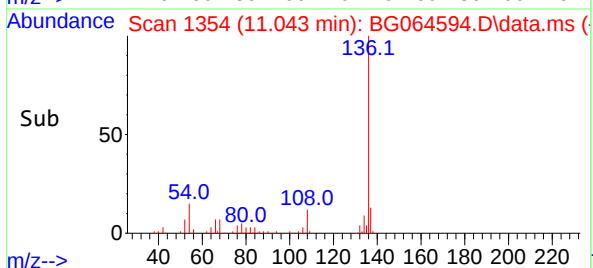
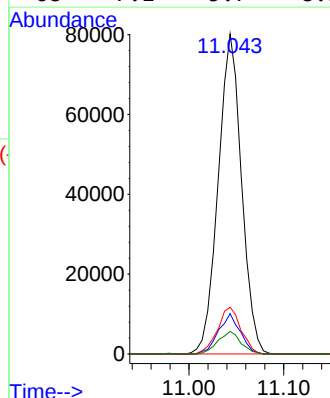
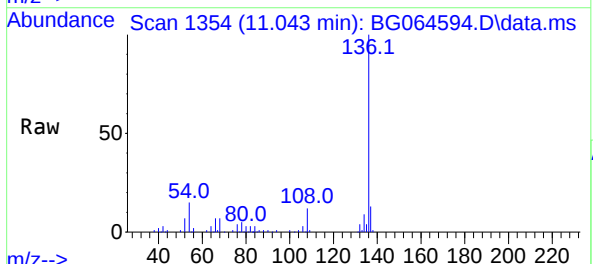
Ion	Ratio	Lower	Upper
99	100		
42	23.8	18.3	27.5
71	37.5	28.6	43.0

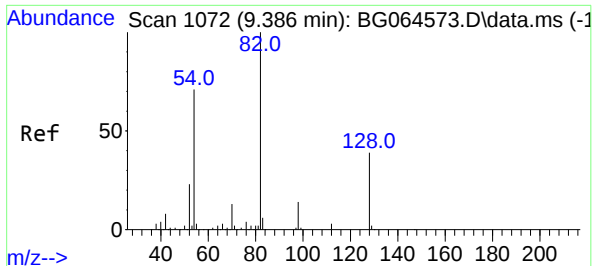


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.043 min Scan# 1354
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Tgt Ion: 136 Resp: 137014

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.2	13.8
54	14.6	12.6	19.0
68	7.1	5.7	8.5





#23

Nitrobenzene-d5

Concen: 76.268 ng

RT: 9.381 min Scan# 1072

Delta R.T. -0.009 min

Lab File: BG064594.D

Acq: 27 Oct 2025 19:28

Instrument :

BNA_G

ClientSampleId :

TP-11

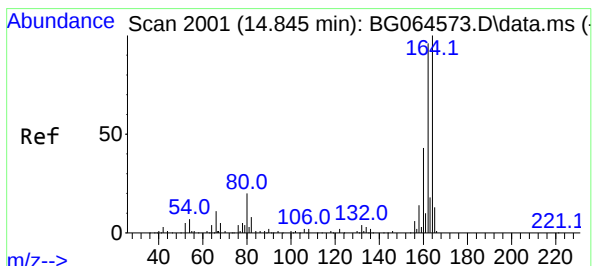
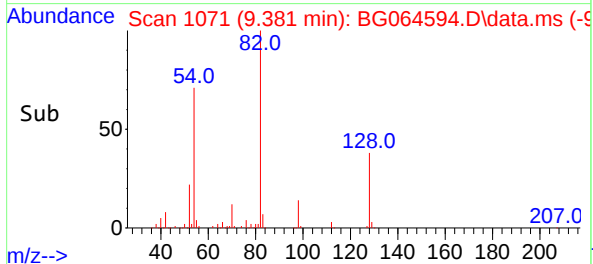
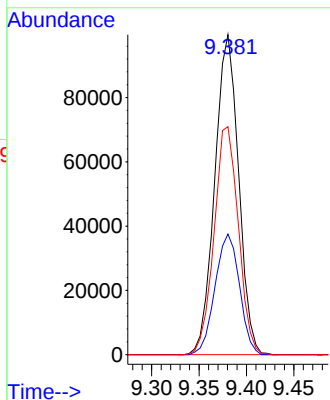
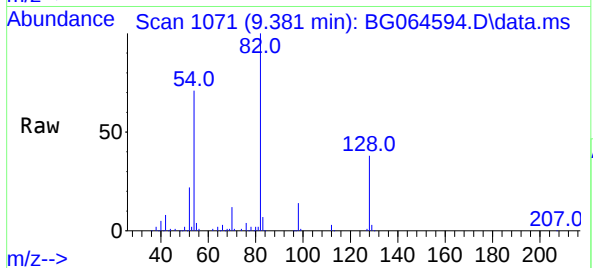
Tgt Ion: 82 Resp: 173982

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 71.3 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.839 min Scan# 2000

Delta R.T. -0.003 min

Lab File: BG064594.D

Acq: 27 Oct 2025 19:28

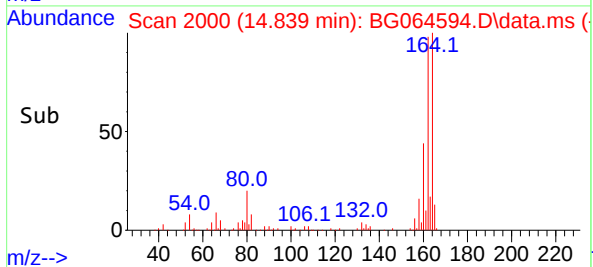
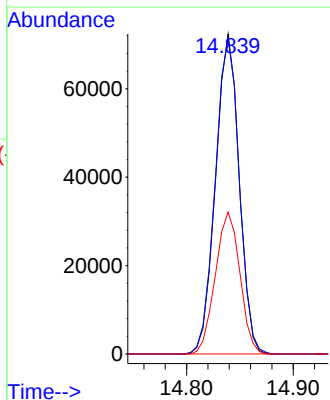
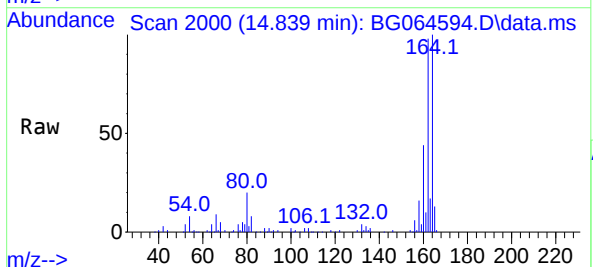
Tgt Ion:164 Resp: 110690

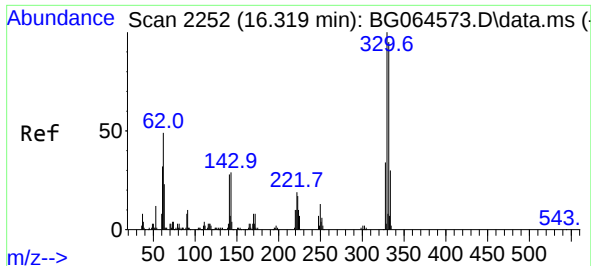
Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

160 44.4 34.4 51.6

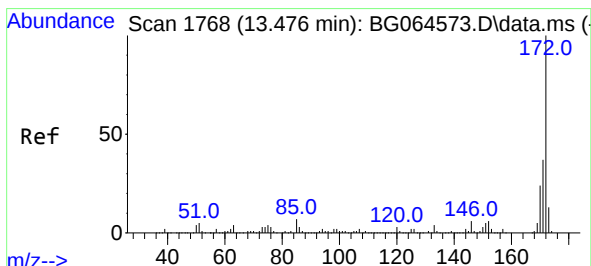
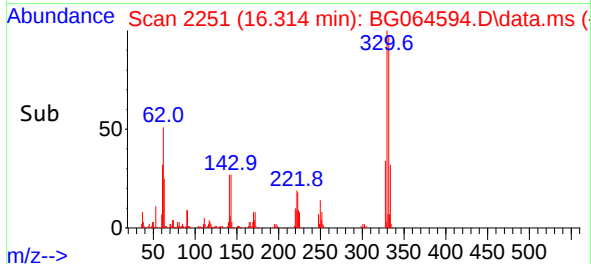
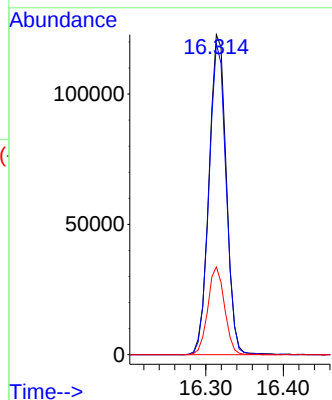
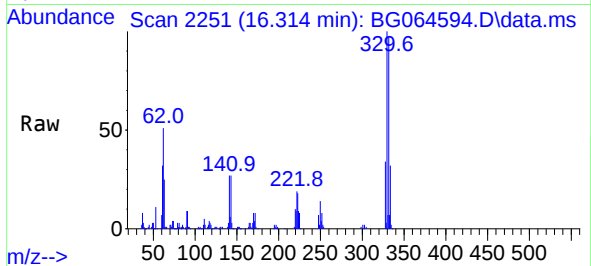




#42
2,4,6-Tribromophenol
Concen: 118.744 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

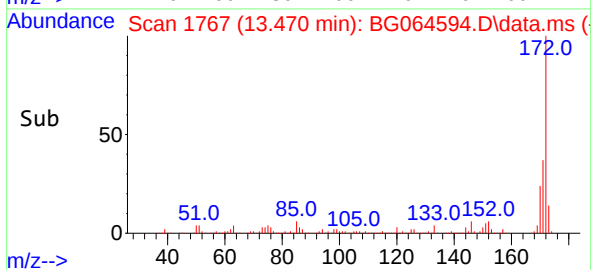
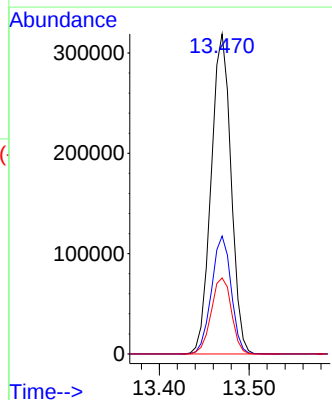
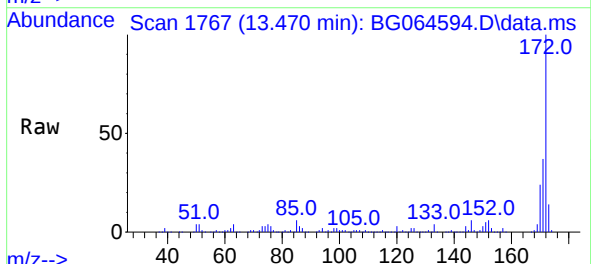
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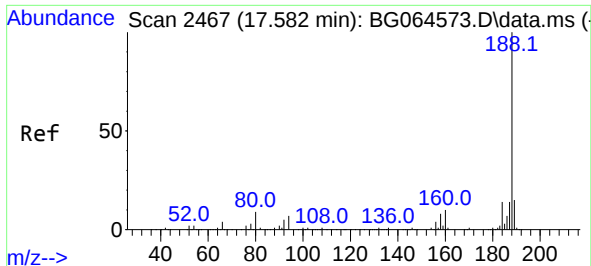
Tgt Ion:330 Resp: 189705
Ion Ratio Lower Upper
330 100
332 96.2 78.0 117.0
141 26.5 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 67.103 ng
RT: 13.470 min Scan# 1767
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Tgt Ion:172 Resp: 490032
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 23.7 19.1 28.7

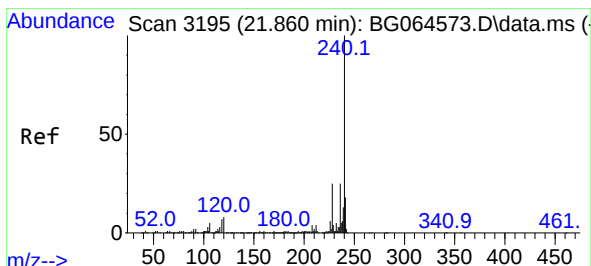
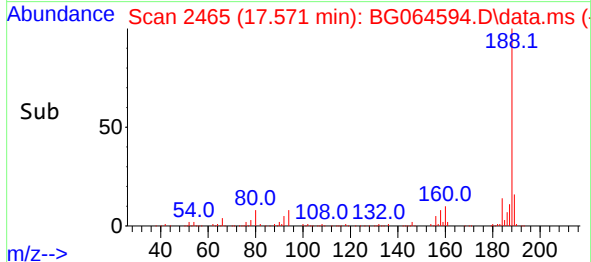
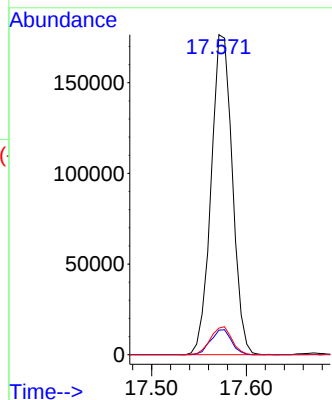
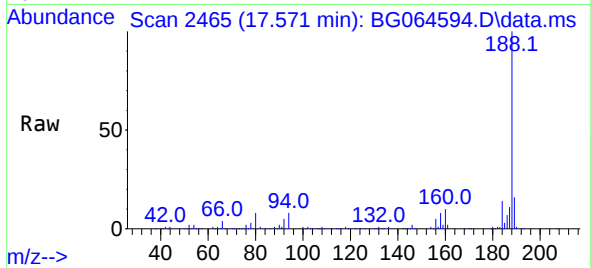




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

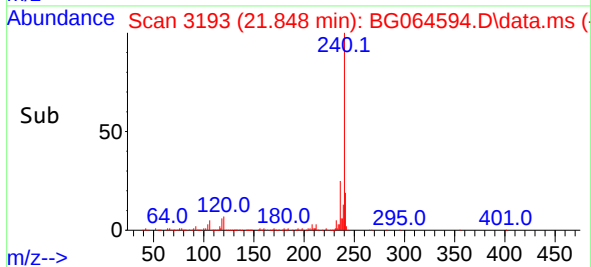
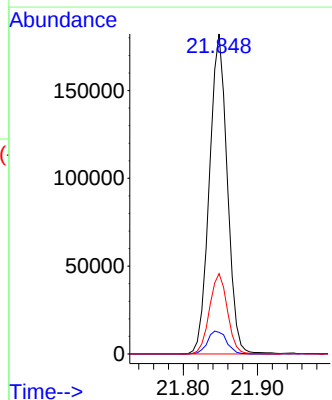
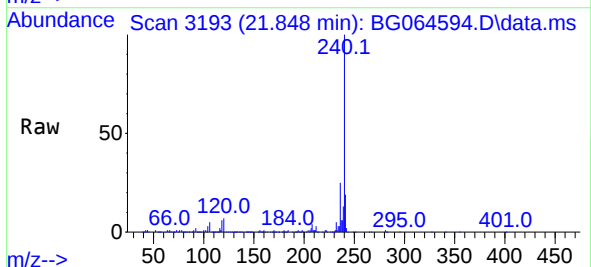
Instrument :
BNA_G
ClientSampleId :
TP-11

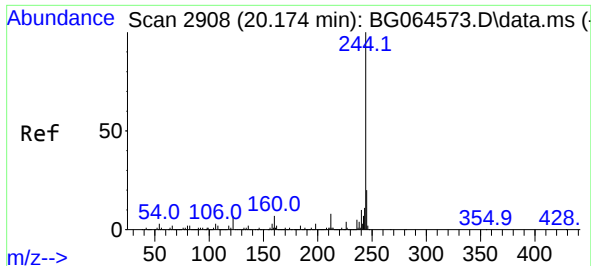
Tgt Ion:188 Resp: 274136
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 8.3 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.848 min Scan# 3193
Delta R.T. -0.015 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Tgt Ion:240 Resp: 305208
Ion Ratio Lower Upper
240 100
120 6.8 6.5 9.7
236 25.1 20.2 30.2

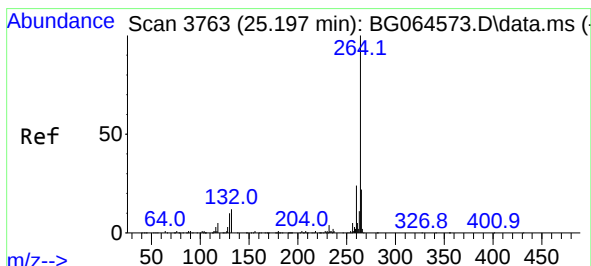
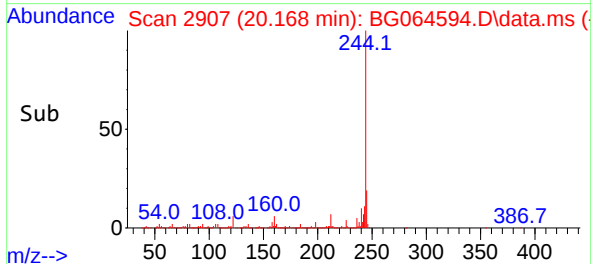
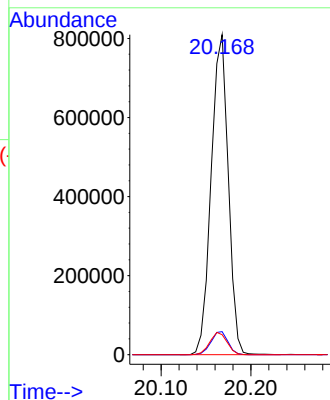
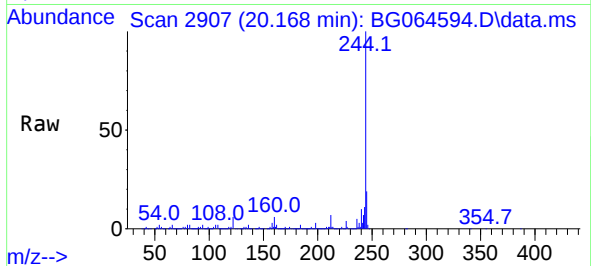




#79
Terphenyl-d14
Concen: 66.130 ng
RT: 20.168 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Instrument :
BNA_G
ClientSampleId :
TP-11

Tgt Ion:244 Resp: 1069505
Ion Ratio Lower Upper
244 100
212 7.2 6.1 9.1
122 6.2 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.186 min Scan# 3761
Delta R.T. -0.015 min
Lab File: BG064594.D
Acq: 27 Oct 2025 19:28

Tgt Ion:264 Resp: 318351
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.4
265 20.9 17.6 26.4

