

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064694.D
 Acq On : 5 Nov 2025 20:48
 Operator : RC/JU
 Sample : Q3532-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Nov 06 00:10:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 03 18:16:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.207	152	10618	20.000	ng	-0.02
21) Naphthalene-d8	11.027	136	45748	20.000	ng	-0.02
39) Acenaphthene-d10	14.828	164	57701	20.000	ng	-0.02
64) Phenanthrene-d10	17.560	188	225609	20.000	ng	-0.02
76) Chrysene-d12	21.838	240	296691	20.000	ng	#-0.02
86) Perylene-d12	25.163	264	306504	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.733	112	49887	78.861	ng	-0.02
7) Phenol-d6	7.343	99	72494	83.514	ng	-0.01
23) Nitrobenzene-d5	9.364	82	40172	52.742	ng	-0.02
42) 2,4,6-Tribromophenol	16.303	330	115985	139.271	ng	-0.02
45) 2-Fluorobiphenyl	13.453	172	149513	39.276	ng	-0.02
79) Terphenyl-d14	20.151	244	827567	52.639	ng	-0.02

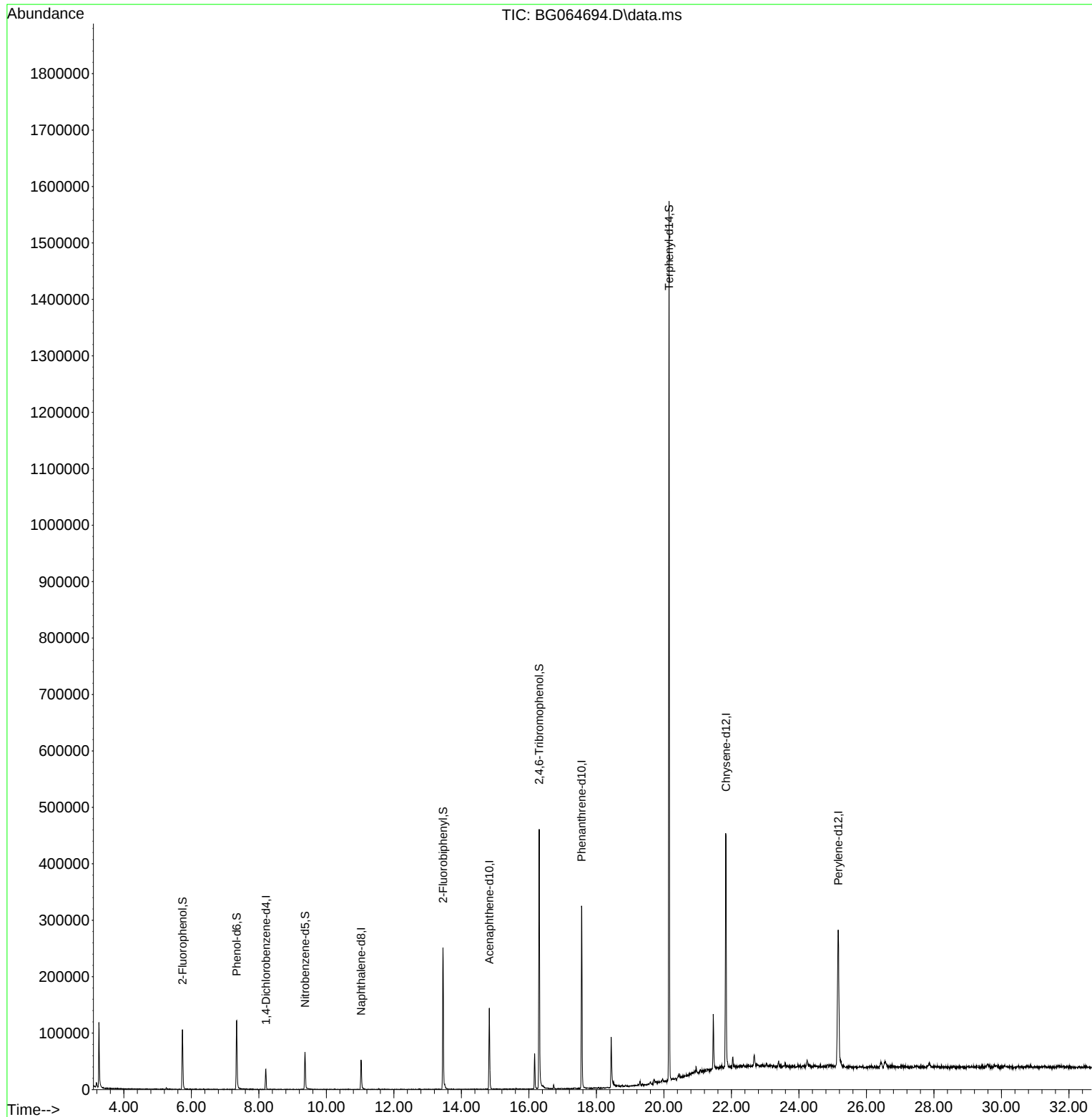
Target Compounds	Qvalue

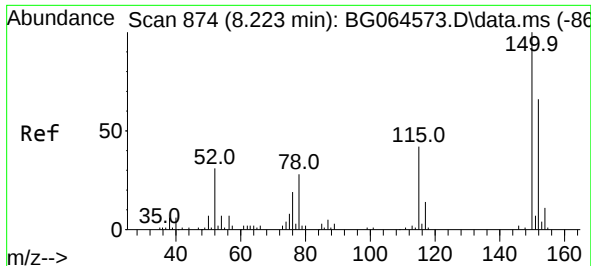
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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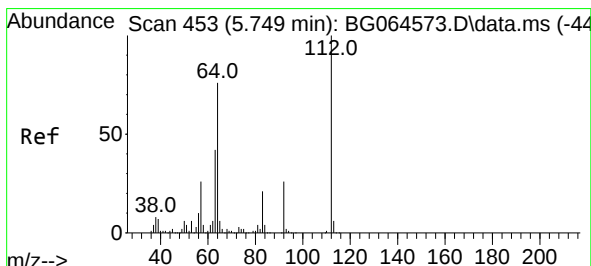
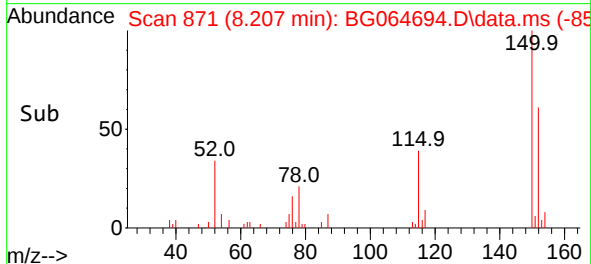
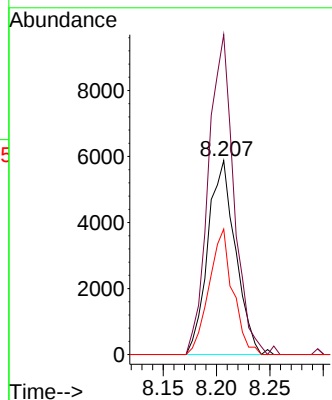
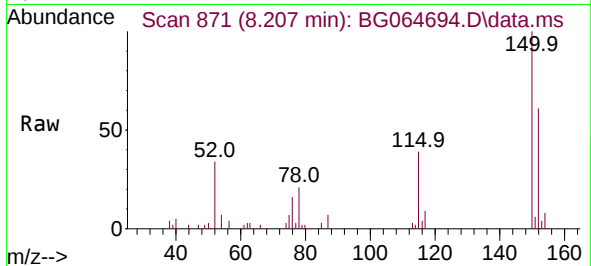




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.207 min Scan# 81
Delta R.T. -0.016 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

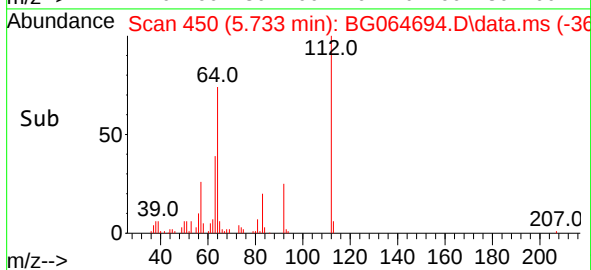
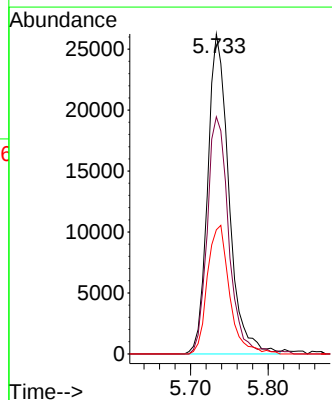
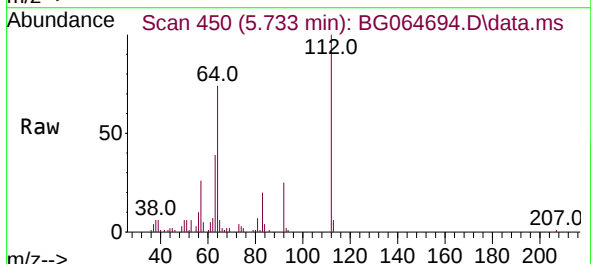
Instrument :
BNA_G
ClientSampleId :
TP-1

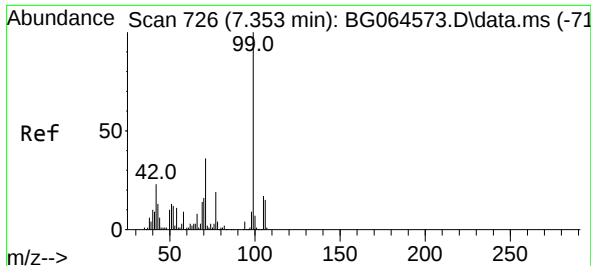
Tgt Ion:152 Resp: 10618
Ion Ratio Lower Upper
152 100
150 164.9 122.2 183.4
115 64.7 50.8 76.2



#5
2-Fluorophenol
Concen: 78.861 ng
RT: 5.733 min Scan# 450
Delta R.T. -0.016 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

Tgt Ion:112 Resp: 49887
Ion Ratio Lower Upper
112 100
64 74.1 60.7 91.1
63 38.8 33.4 50.0



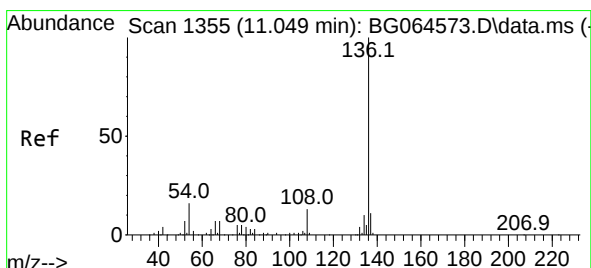
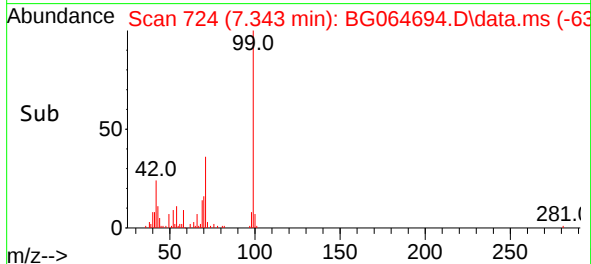
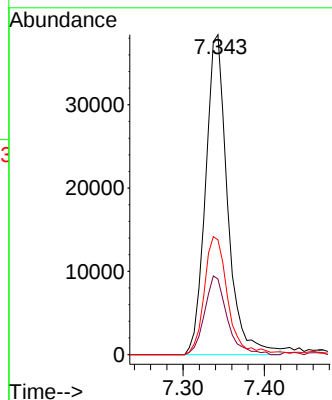
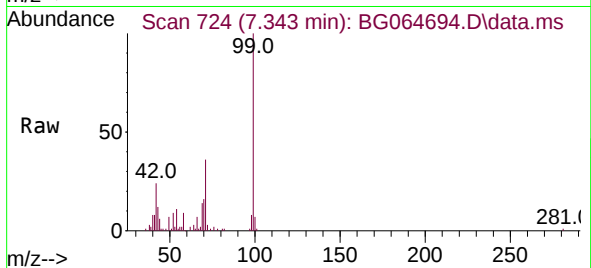


#7
Phenol-d6
Concen: 83.514 ng
RT: 7.343 min Scan# 71
Delta R.T. -0.010 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

Instrument :
BNA_G
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 72494

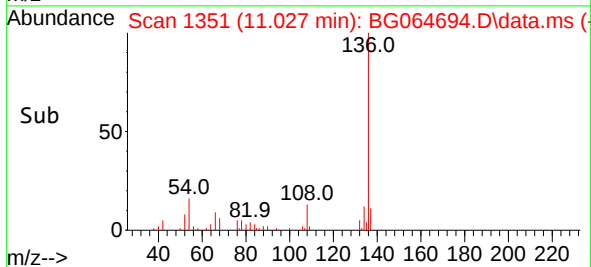
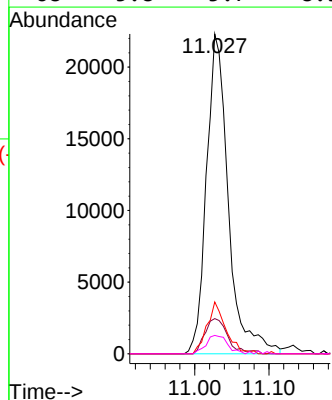
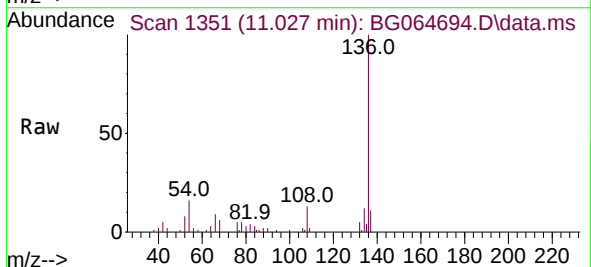
Ion	Ratio	Lower	Upper
99	100		
42	23.6	18.3	27.5
71	35.9	28.6	43.0

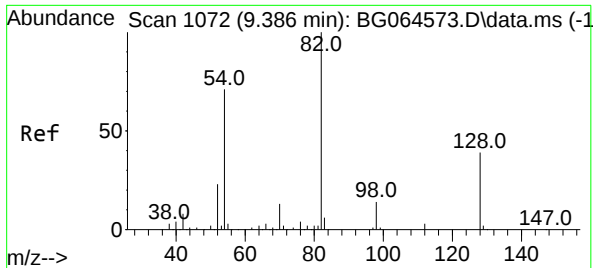


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.027 min Scan# 1351
Delta R.T. -0.022 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

Tgt Ion: 136 Resp: 45748

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	16.2	12.6	19.0
68	5.8	5.7	8.5





#23

Nitrobenzene-d5

Concen: 52.742 ng

RT: 9.364 min Scan# 10

Delta R.T. -0.022 min

Lab File: BG064694.D

Acq: 5 Nov 2025 20:48

Instrument :

BNA_G

ClientSampleId :

TP-1

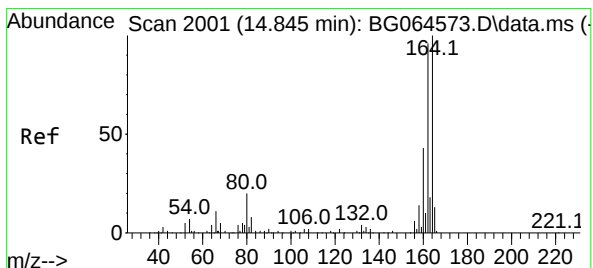
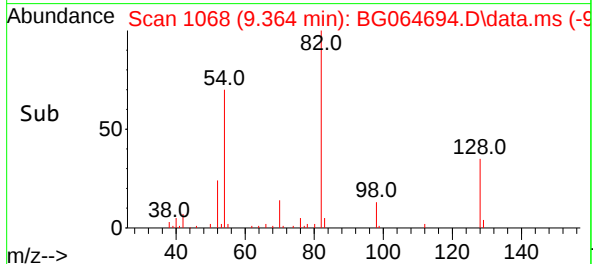
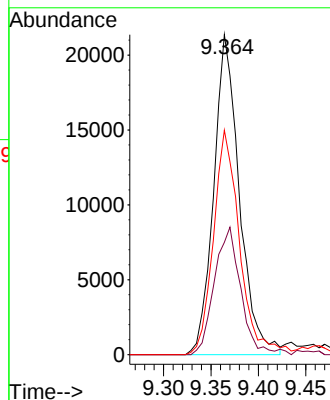
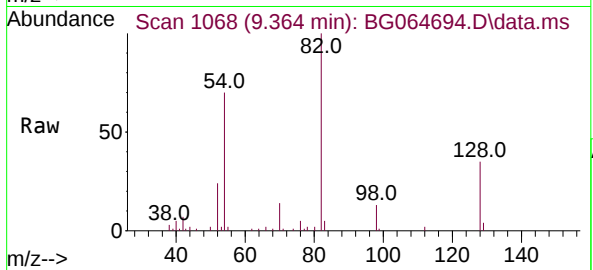
Tgt Ion: 82 Resp: 40172

Ion Ratio Lower Upper

82 100

128 35.1 31.3 46.9

54 70.1 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.828 min Scan# 1998

Delta R.T. -0.016 min

Lab File: BG064694.D

Acq: 5 Nov 2025 20:48

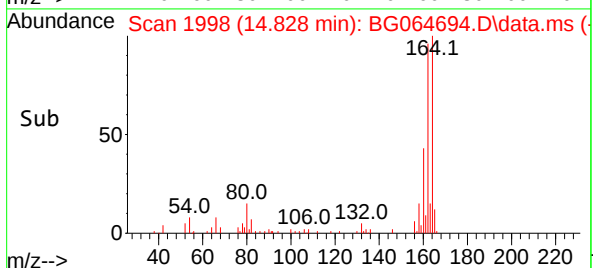
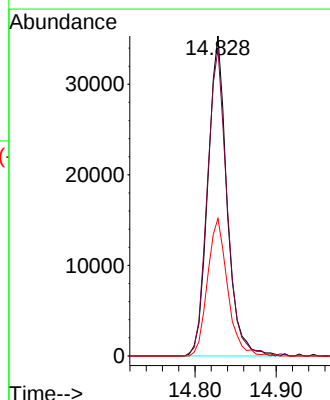
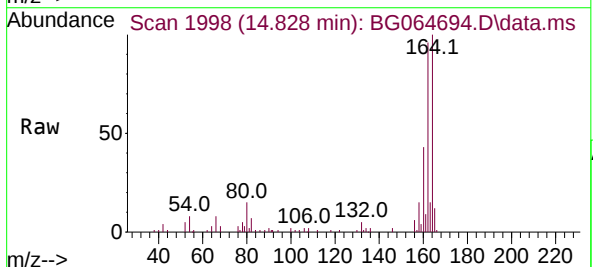
Tgt Ion: 164 Resp: 57701

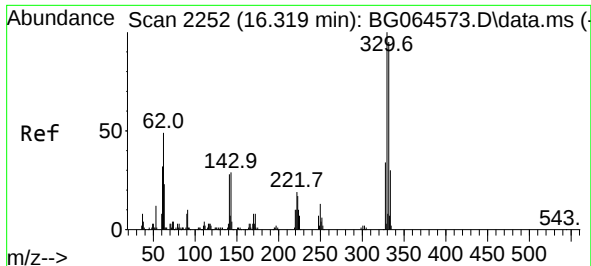
Ion Ratio Lower Upper

164 100

162 95.9 77.0 115.6

160 42.9 34.4 51.6

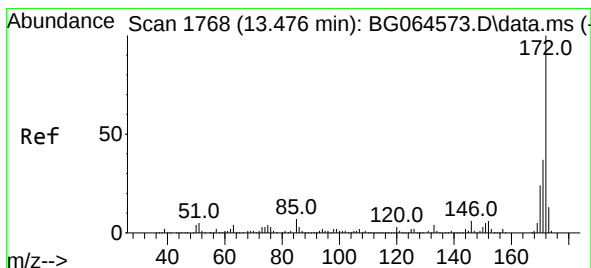
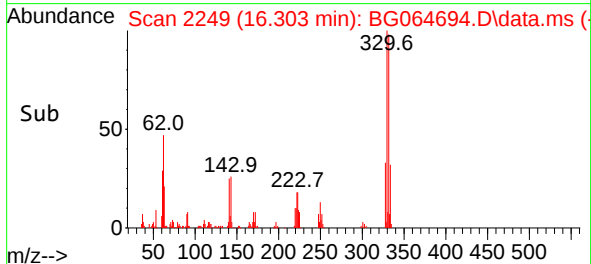
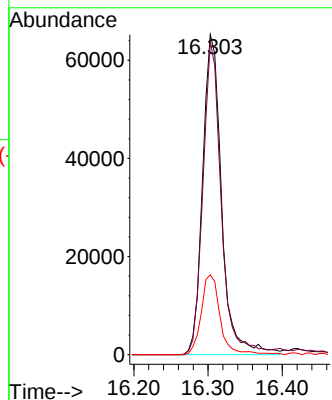
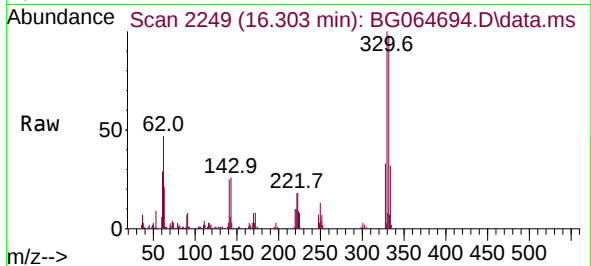




#42
2,4,6-Tribromophenol
Concen: 139.271 ng
RT: 16.303 min Scan# 21
Delta R.T. -0.016 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

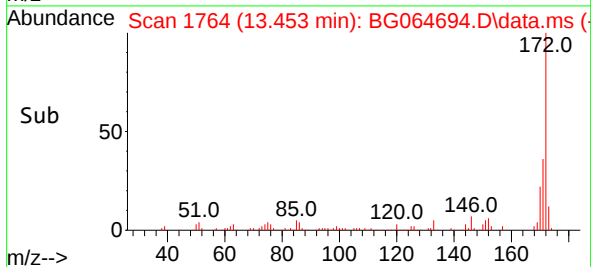
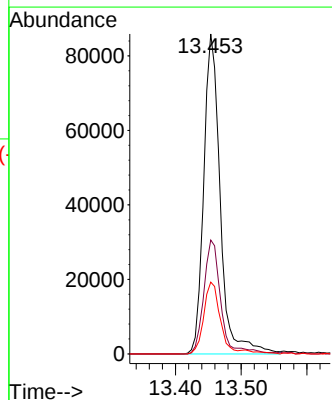
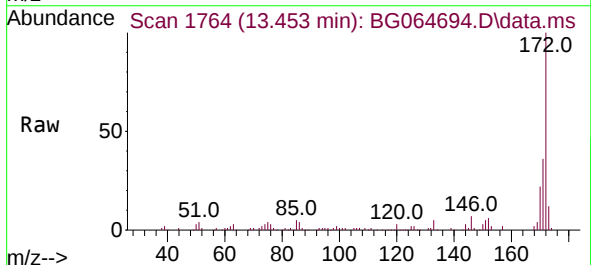
Instrument :
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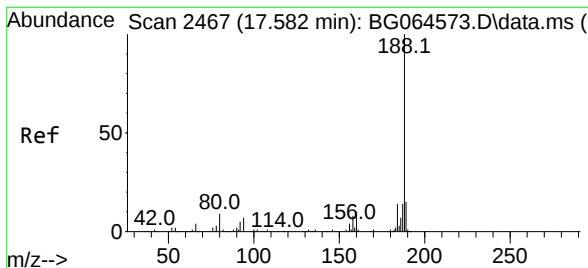
Tgt Ion:330 Resp: 115985
Ion Ratio Lower Upper
330 100
332 94.0 78.0 117.0
141 24.9 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 39.276 ng
RT: 13.453 min Scan# 1764
Delta R.T. -0.022 min
Lab File: BG064694.D
Acq: 5 Nov 2025 20:48

Tgt Ion:172 Resp: 149513
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 22.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.560 min Scan# 2463

Delta R.T. -0.022 min

Lab File: BG064694.D

Acq: 5 Nov 2025 20:48

Instrument :

BNA_G

ClientSampleId :

TP-1

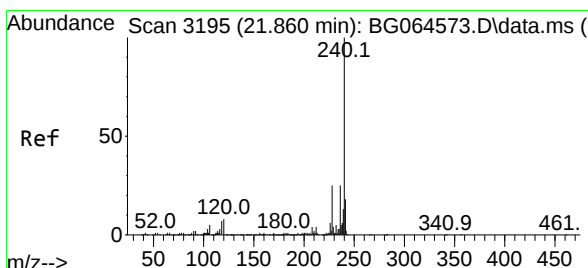
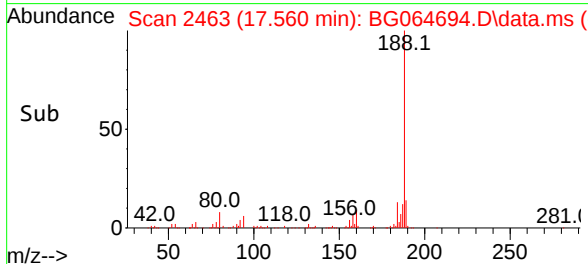
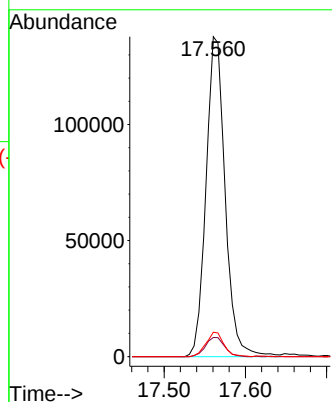
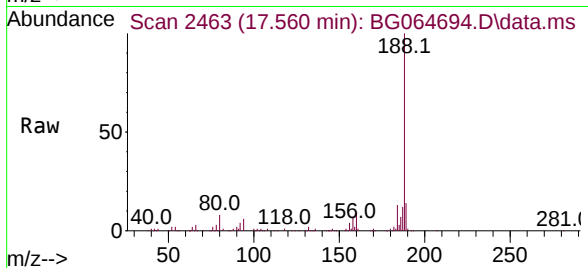
Tgt Ion:188 Resp: 225609

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 7.6 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.838 min Scan# 3191

Delta R.T. -0.022 min

Lab File: BG064694.D

Acq: 5 Nov 2025 20:48

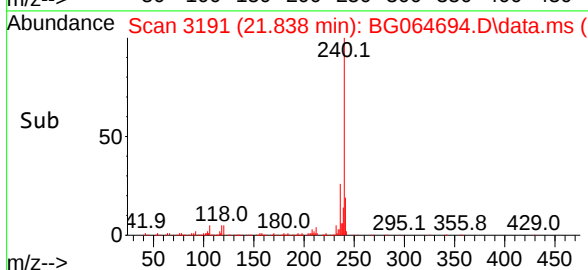
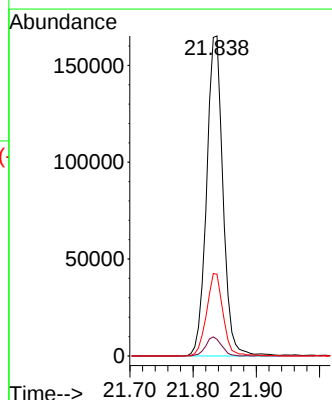
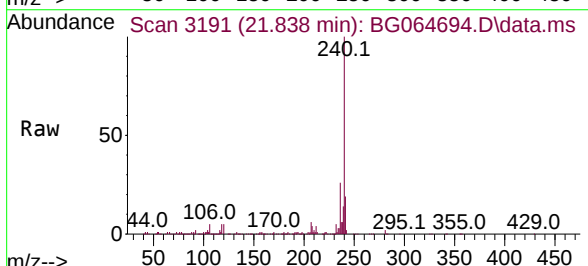
Tgt Ion:240 Resp: 296691

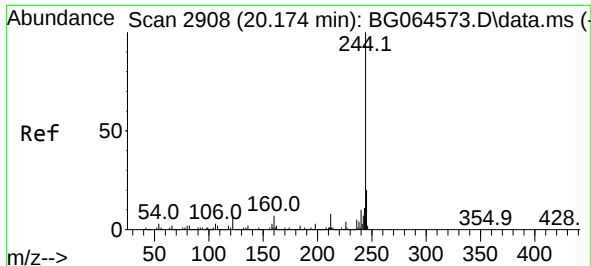
Ion Ratio Lower Upper

240 100

120 5.2 6.5 9.7#

236 25.6 20.2 30.2

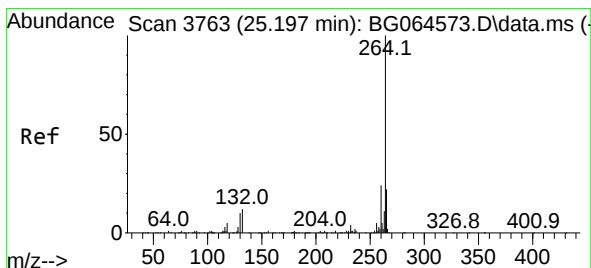
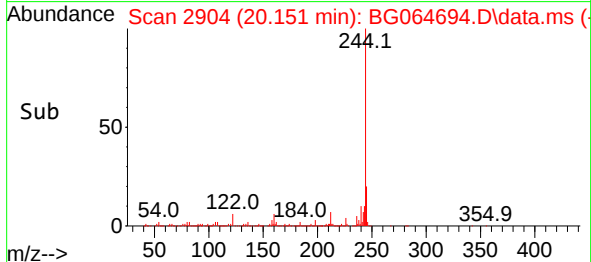
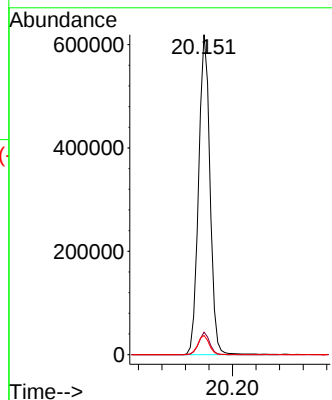
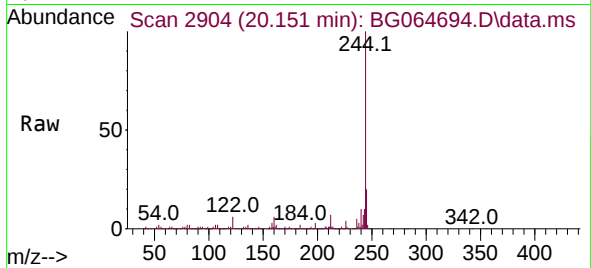




#79
 Terphenyl-d14
 Concen: 52.639 ng
 RT: 20.151 min Scan# 2904
 Delta R.T. -0.022 min
 Lab File: BG064694.D
 Acq: 5 Nov 2025 20:48

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 827567
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 6.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.163 min Scan# 3757
 Delta R.T. -0.034 min
 Lab File: BG064694.D
 Acq: 5 Nov 2025 20:48

Tgt Ion:264 Resp: 306504
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.7 17.6 26.4

