

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064695.D
 Acq On : 5 Nov 2025 21:29
 Operator : RC/JU
 Sample : Q3532-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Nov 06 00:10:40 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	8.204	152	5504	20.000	ng	#-0.02
21) Naphthalene-d8	11.030	136	23492	20.000	ng	-0.02
39) Acenaphthene-d10	14.826	164	31113	20.000	ng	-0.02
64) Phenanthrene-d10	17.564	188	167086	20.000	ng	-0.02
76) Chrysene-d12	21.835	240	304748	20.000	ng	#-0.02
86) Perylene-d12	25.161	264	311884	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.736	112	25474	77.685	ng	-0.01
7) Phenol-d6	7.340	99	37946	84.331	ng	-0.01
23) Nitrobenzene-d5	9.368	82	20278	51.845	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	85536	190.480	ng	-0.02
45) 2-Fluorobiphenyl	13.457	172	66245	32.273	ng	-0.02
79) Terphenyl-d14	20.149	244	816659	50.572	ng	-0.02

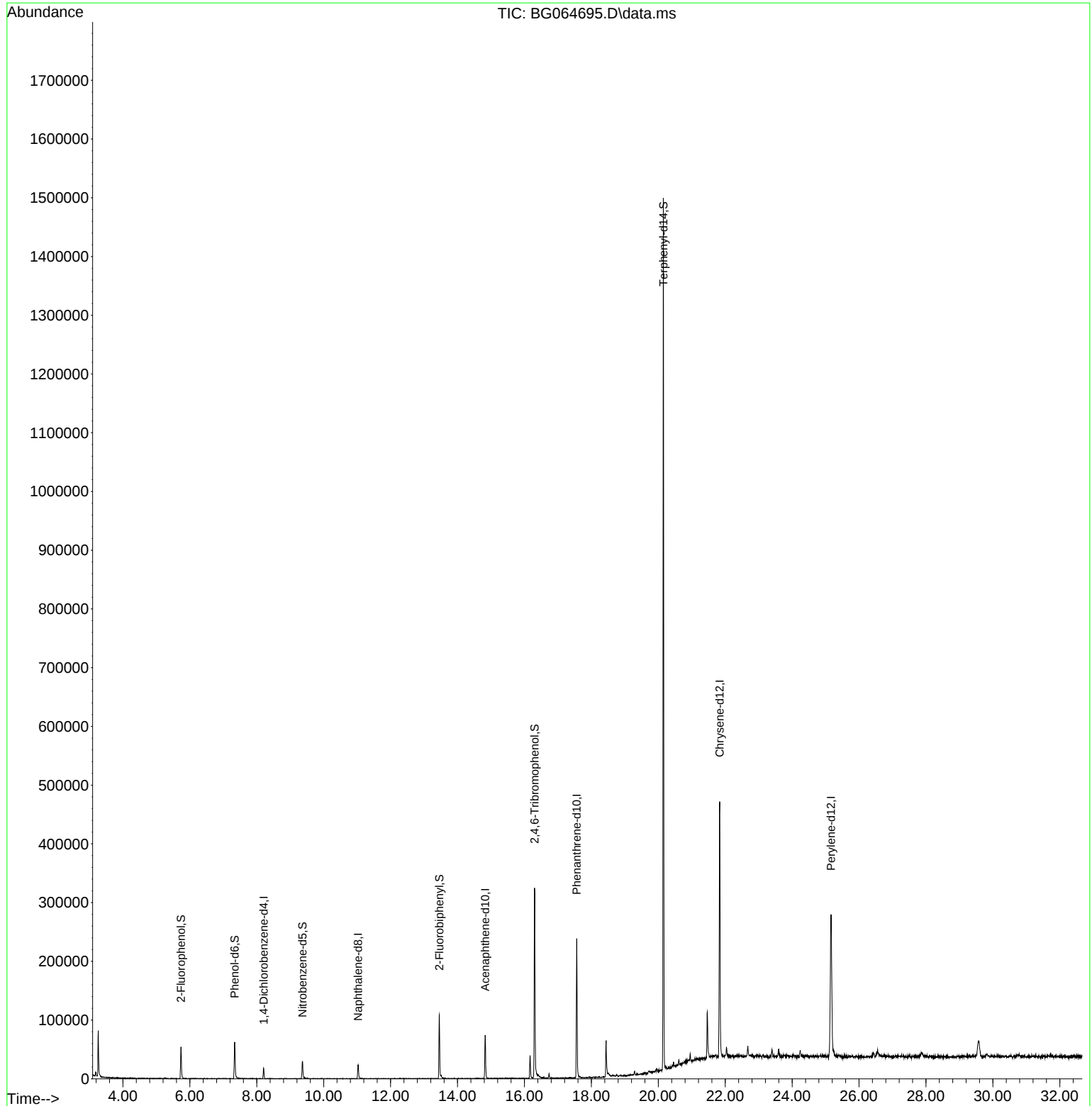
Target Compounds	Qvalue

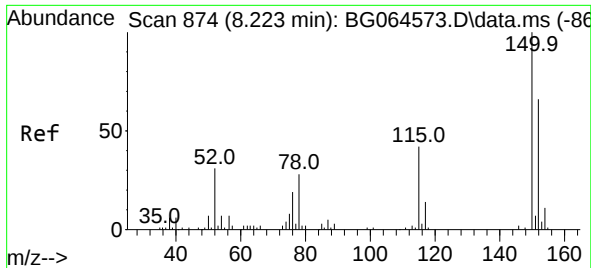
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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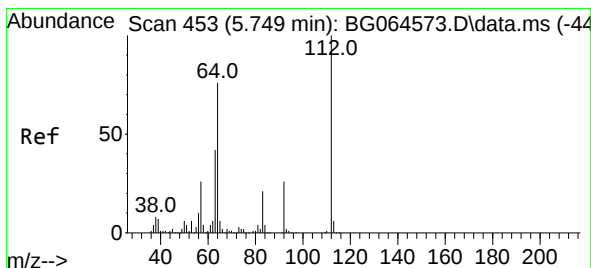
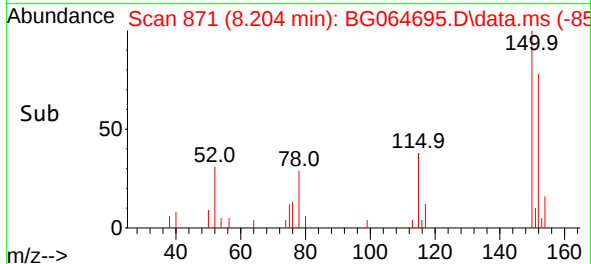
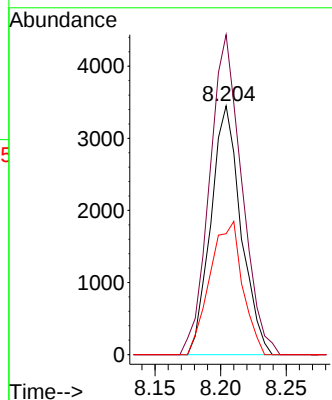
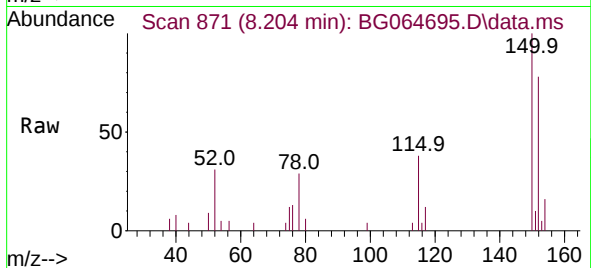




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.204 min Scan# 81
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

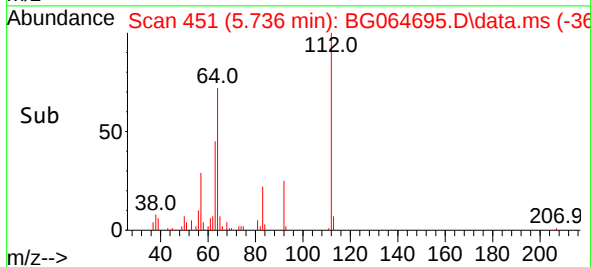
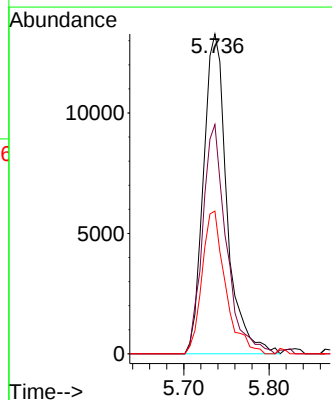
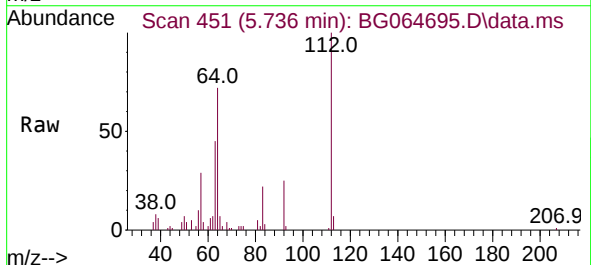
Instrument :
BNA_G
ClientSampleId :
TP-2

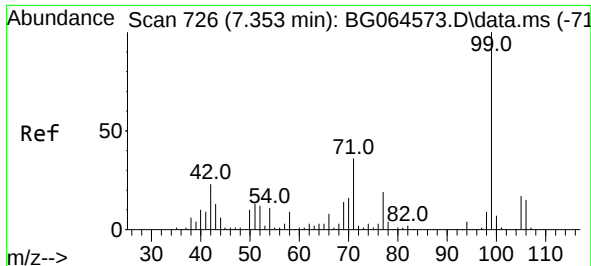
Tgt Ion:152 Resp: 5504
Ion Ratio Lower Upper
152 100
150 128.7 122.2 183.4
115 48.6 50.8 76.2#



#5
2-Fluorophenol
Concen: 77.685 ng
RT: 5.736 min Scan# 451
Delta R.T. -0.013 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:112 Resp: 25474
Ion Ratio Lower Upper
112 100
64 71.7 60.7 91.1
63 44.6 33.4 50.0

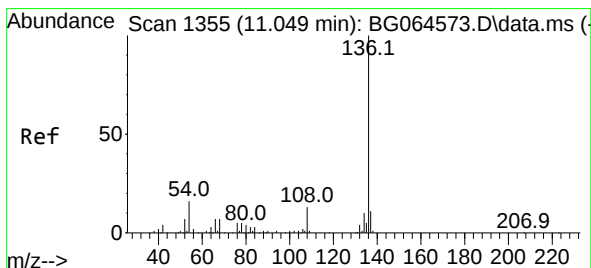
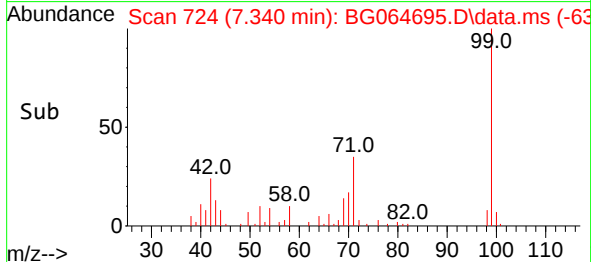
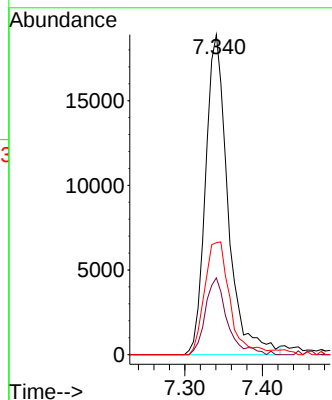
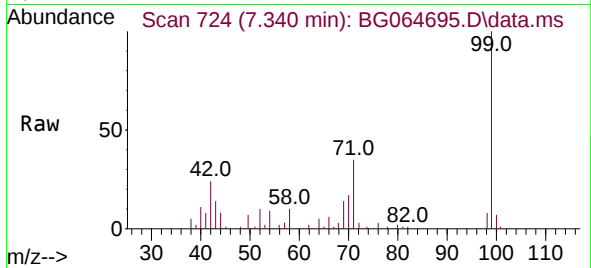




#7
Phenol-d6
Concen: 84.331 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.013 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

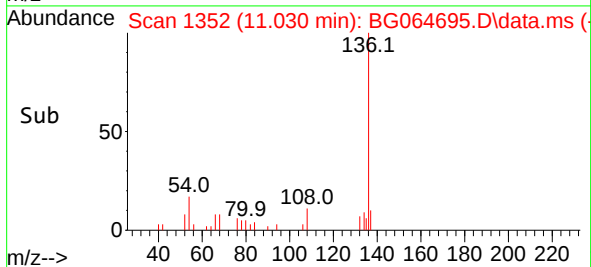
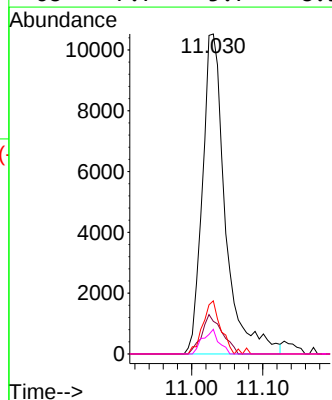
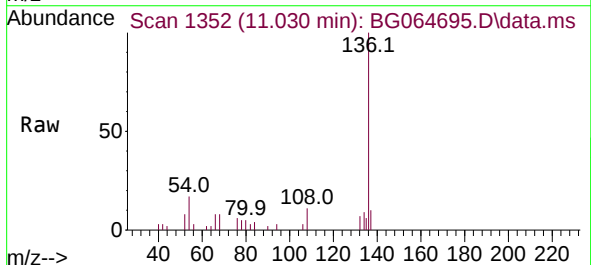
Instrument :
BNA_G
ClientSampleId :
TP-2

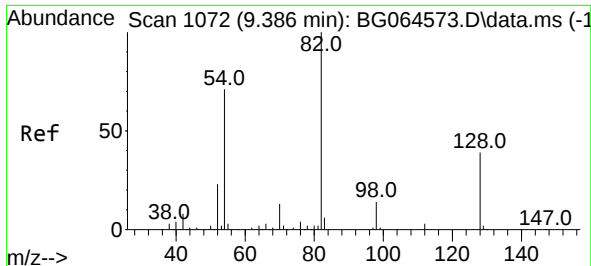
Tgt Ion: 99 Resp: 37946
Ion Ratio Lower Upper
99 100
42 24.0 18.3 27.5
71 35.0 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.030 min Scan# 1352
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:136 Resp: 23492
Ion Ratio Lower Upper
136 100
137 10.2 9.2 13.8
54 16.6 12.6 19.0
68 7.7 5.7 8.5

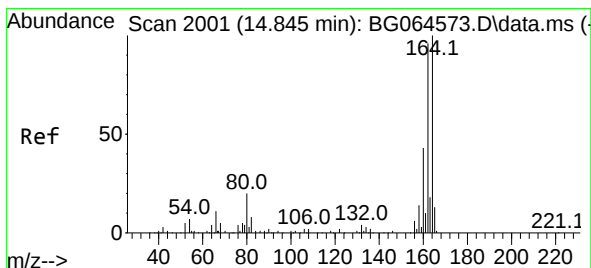
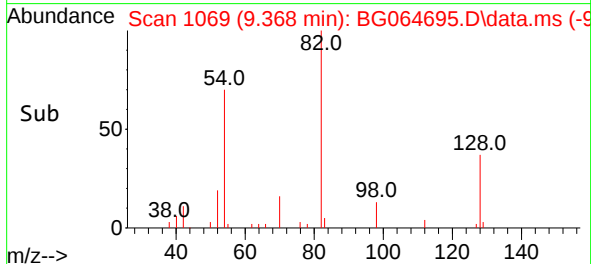
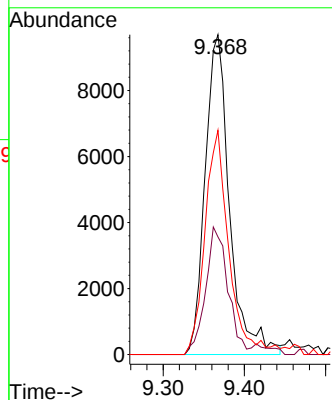
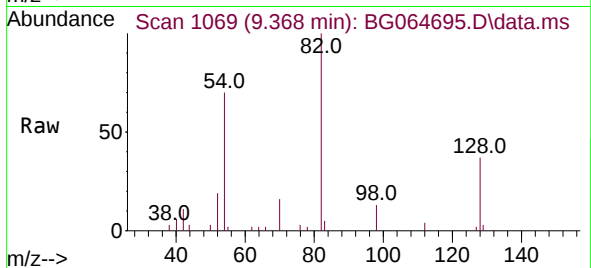




#23
Nitrobenzene-d5
Concen: 51.845 ng
RT: 9.368 min Scan# 1072
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

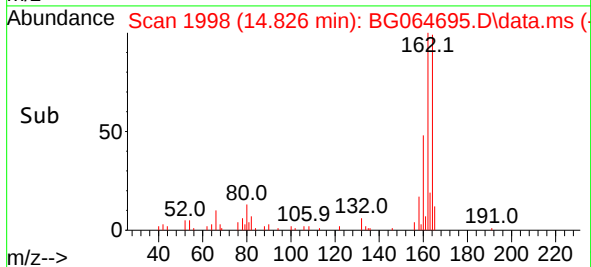
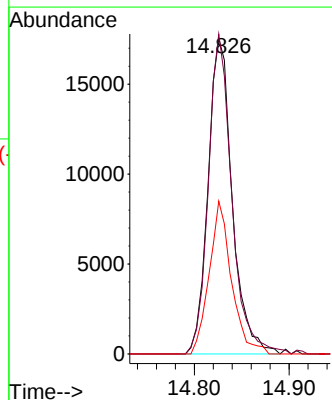
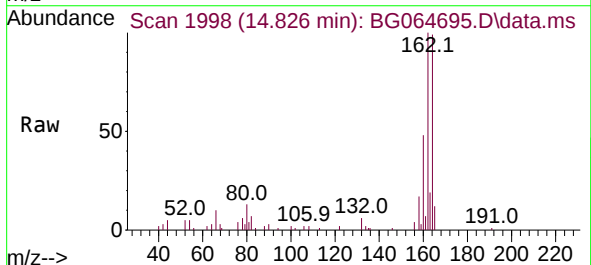
Instrument :
BNA_G
ClientSampleId :
TP-2

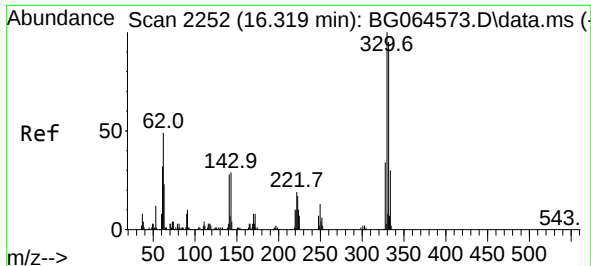
Tgt Ion: 82 Resp: 20278
Ion Ratio Lower Upper
82 100
128 36.8 31.3 46.9
54 70.1 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.826 min Scan# 1998
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion: 164 Resp: 31113
Ion Ratio Lower Upper
164 100
162 101.4 77.0 115.6
160 48.4 34.4 51.6

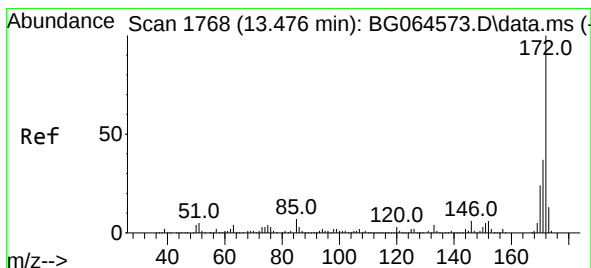
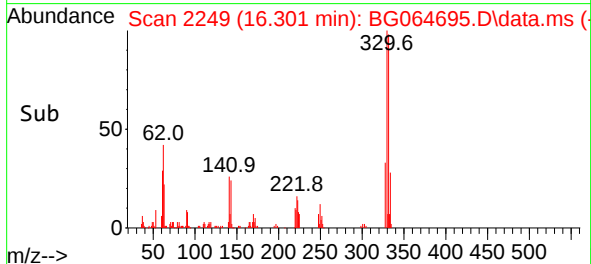
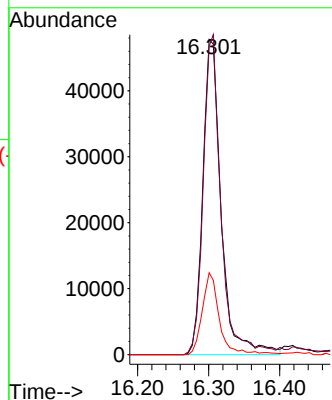
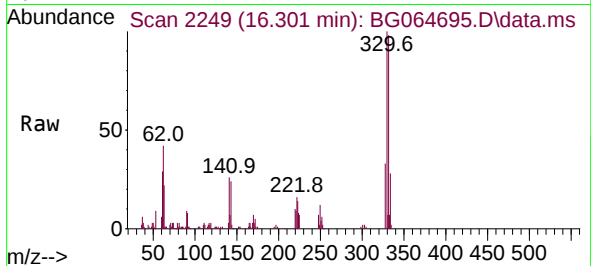




#42
2,4,6-Tribromophenol
Concen: 190.480 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

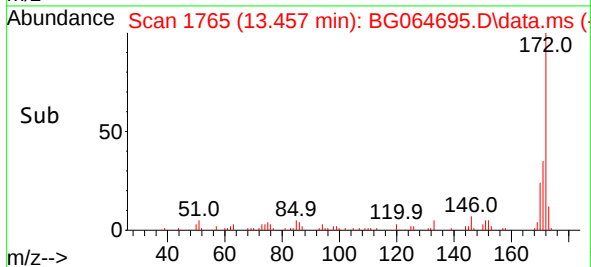
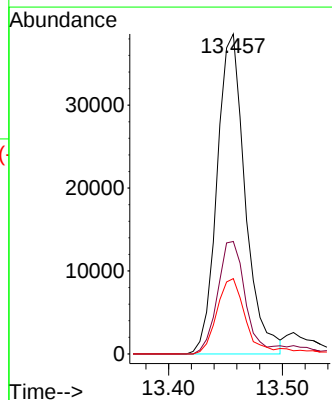
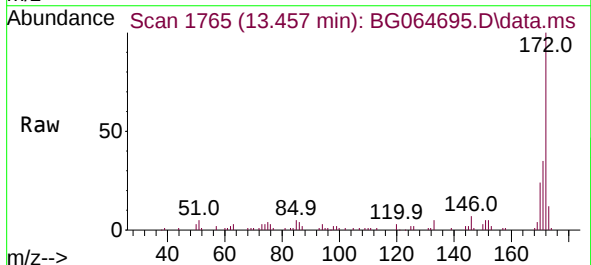
Instrument :
BNA_G
ClientSampleId :
TP-2

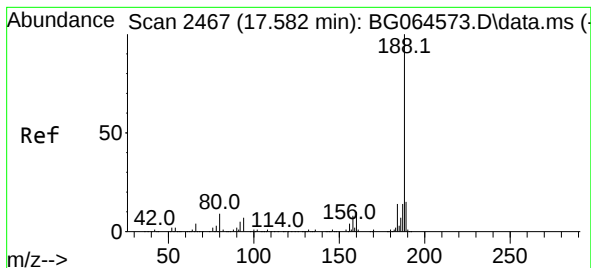
Tgt Ion:330 Resp: 85536
Ion Ratio Lower Upper
330 100
332 97.6 78.0 117.0
141 24.2 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 32.273 ng
RT: 13.457 min Scan# 1765
Delta R.T. -0.019 min
Lab File: BG064695.D
Acq: 5 Nov 2025 21:29

Tgt Ion:172 Resp: 66245
Ion Ratio Lower Upper
172 100
171 35.1 29.4 44.0
170 23.5 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.564 min Scan# 2464

Delta R.T. -0.019 min

Lab File: BG064695.D

Acq: 5 Nov 2025 21:29

Instrument :

BNA_G

ClientSampleId :

TP-2

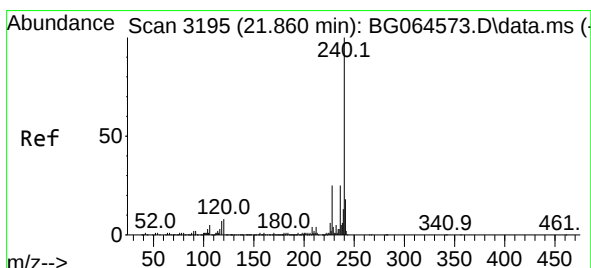
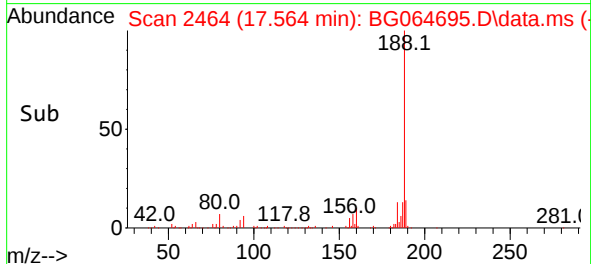
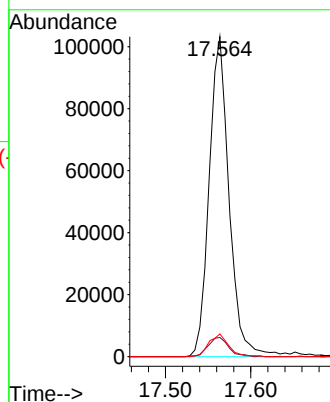
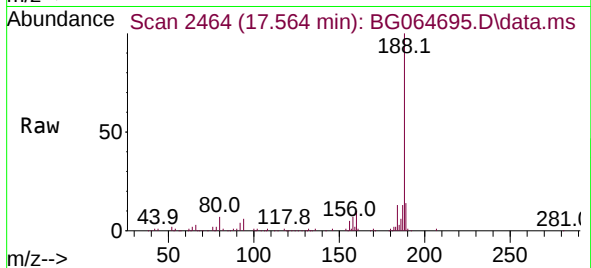
Tgt Ion:188 Resp: 167086

Ion Ratio Lower Upper

188 100

94 6.0 5.7 8.5

80 7.1 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.835 min Scan# 3191

Delta R.T. -0.025 min

Lab File: BG064695.D

Acq: 5 Nov 2025 21:29

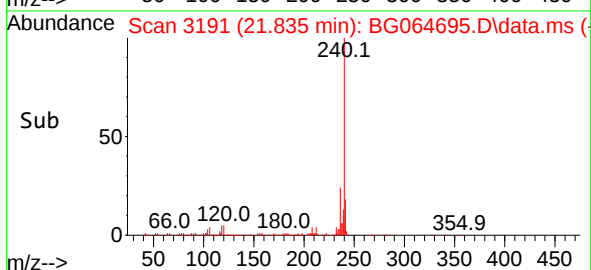
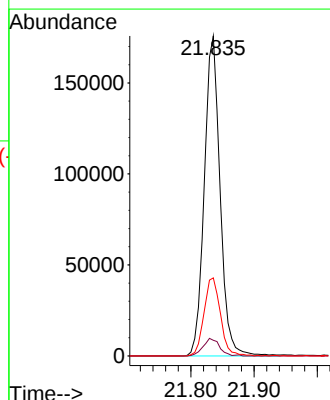
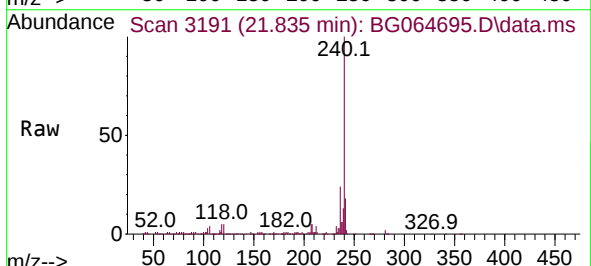
Tgt Ion:240 Resp: 304748

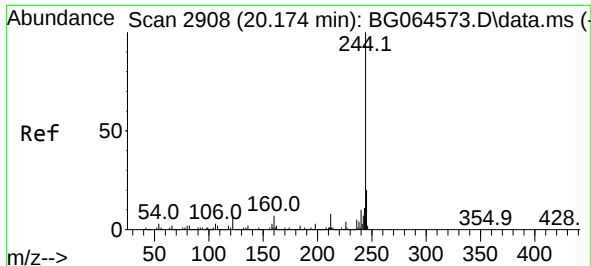
Ion Ratio Lower Upper

240 100

120 4.9 6.5 9.7#

236 24.4 20.2 30.2





#79

Terphenyl-d14

Concen: 50.572 ng

RT: 20.149 min Scan# 2904

Delta R.T. -0.025 min

Lab File: BG064695.D

Acq: 5 Nov 2025 21:29

Instrument :

BNA_G

ClientSampleId :

TP-2

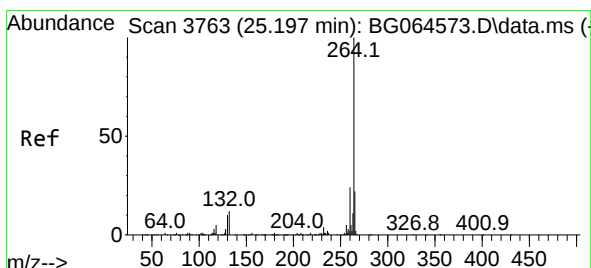
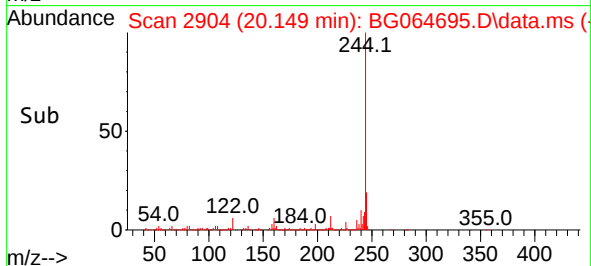
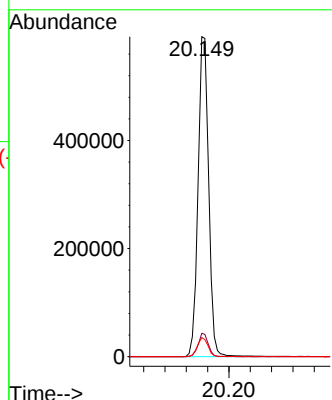
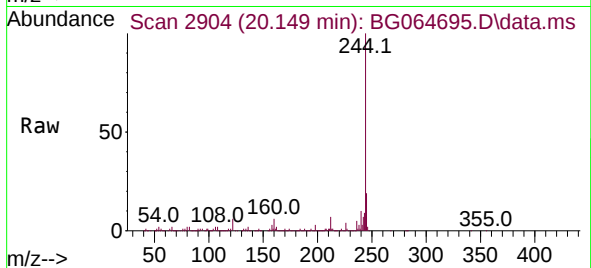
Tgt Ion:244 Resp: 816659

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.9 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.161 min Scan# 3757

Delta R.T. -0.036 min

Lab File: BG064695.D

Acq: 5 Nov 2025 21:29

Tgt Ion:264 Resp: 311884

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 20.5 17.6 26.4

