

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064702.D
 Acq On : 6 Nov 2025 14:25
 Operator : RC/JU
 Sample : Q3546-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-COMP

Quant Time: Nov 06 15:09:44 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	8.205	152	31140	20.000	ng	-0.02
21) Naphthalene-d8	11.025	136	122176	20.000	ng	#-0.02
39) Acenaphthene-d10	14.821	164	93552	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	222156	20.000	ng	#-0.02
76) Chrysene-d12	21.824	240	282847	20.000	ng	#-0.04
86) Perylene-d12	25.150	264	322658	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	151706	81.772	ng	-0.02
7) Phenol-d6	7.341	99	207374	81.458	ng	-0.01
23) Nitrobenzene-d5	9.362	82	136061	66.889	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	144943	107.346	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	374305	60.646	ng	-0.02
79) Terphenyl-d14	20.150	244	814744	54.360	ng	-0.02

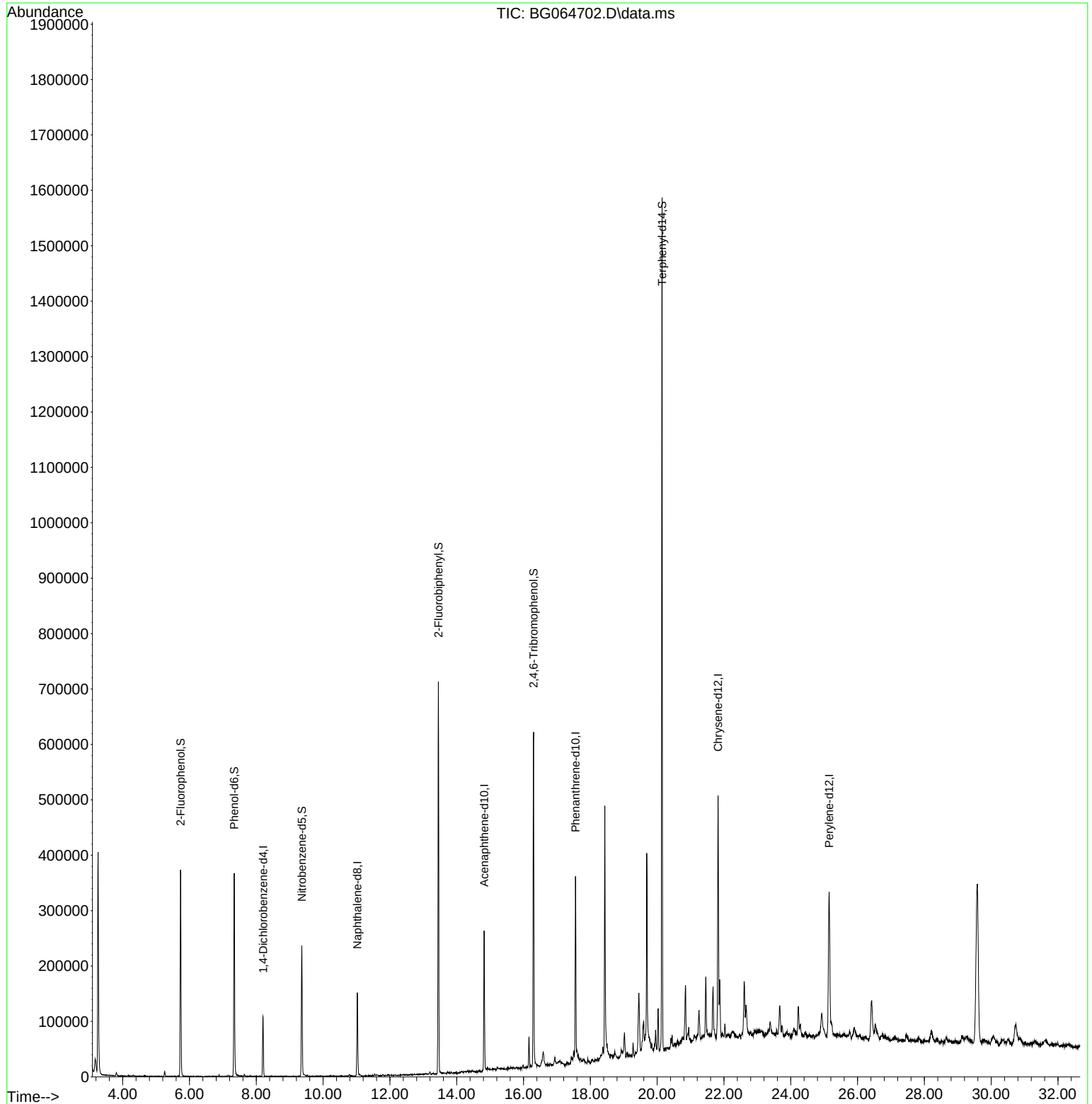
Target Compounds	Qvalue

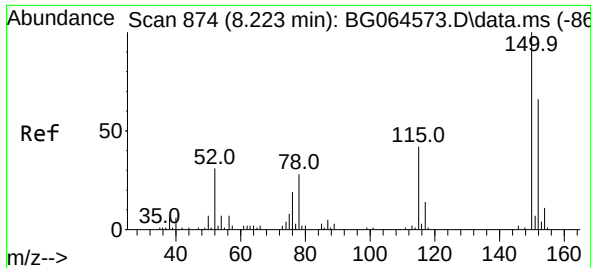
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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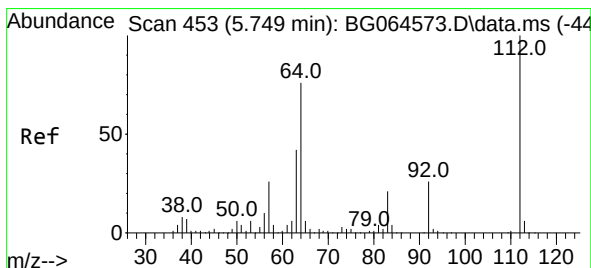
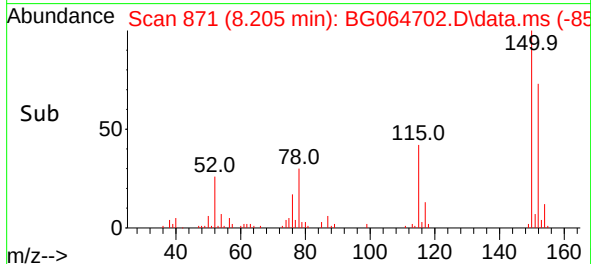
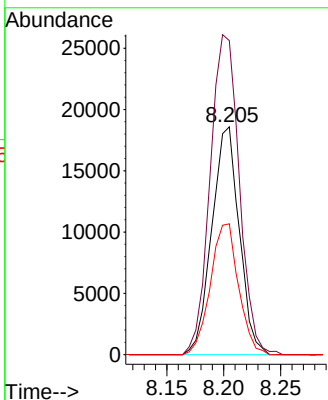
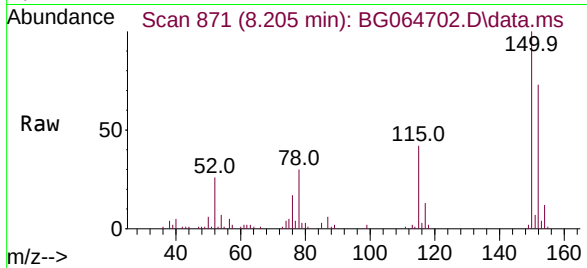




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 81
Delta R.T. -0.018 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

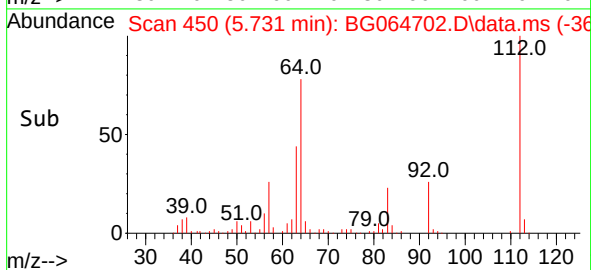
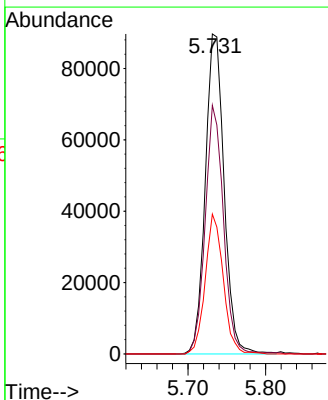
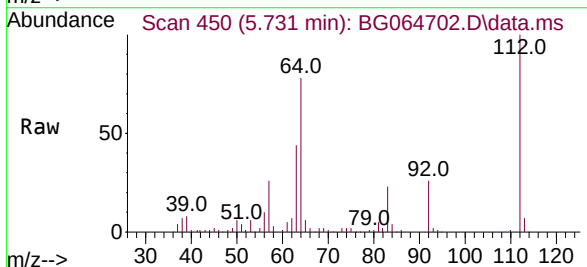
Instrument :
BNA_G
ClientSampleId :
TP-COMP

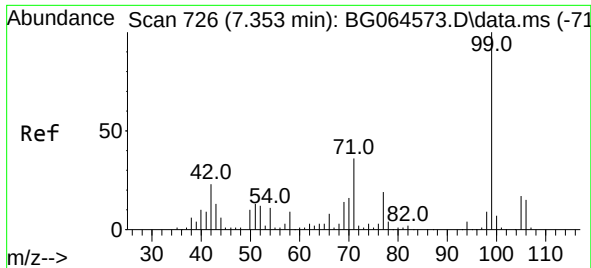
Tgt Ion:152 Resp: 31140
Ion Ratio Lower Upper
152 100
150 137.9 122.2 183.4
115 57.4 50.8 76.2



#5
2-Fluorophenol
Concen: 81.772 ng
RT: 5.731 min Scan# 450
Delta R.T. -0.018 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

Tgt Ion:112 Resp: 151706
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 43.7 33.4 50.0

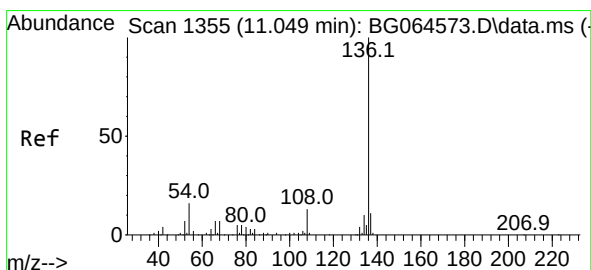
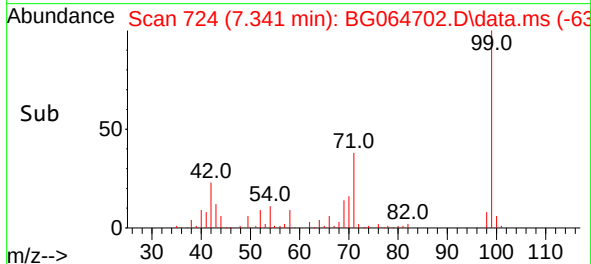
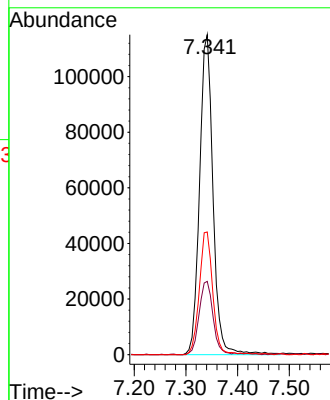
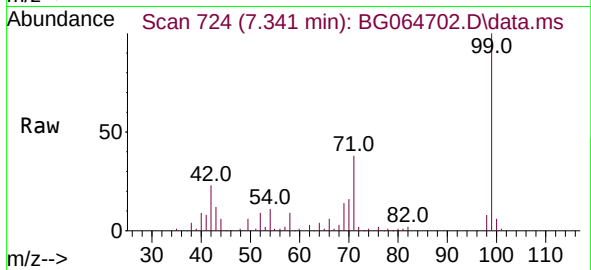




#7
Phenol-d6
Concen: 81.458 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

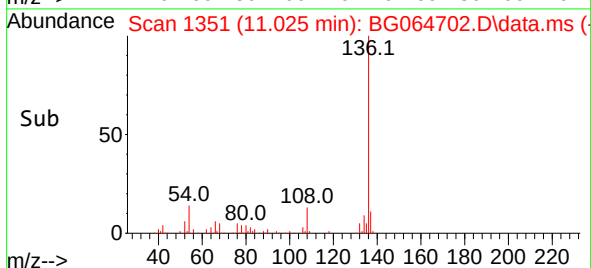
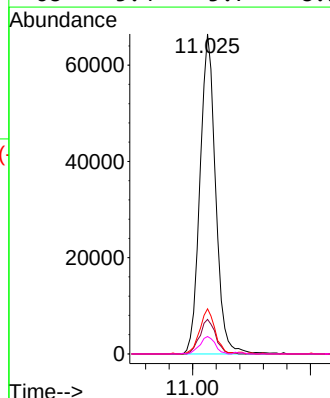
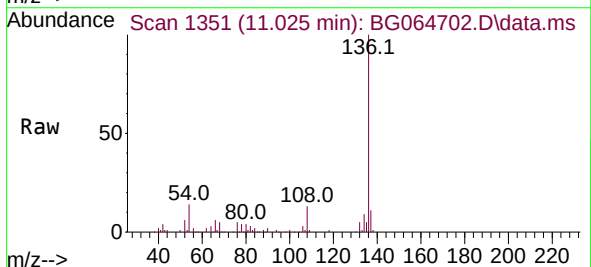
Instrument :
BNA_G
ClientSampleId :
TP-COMP

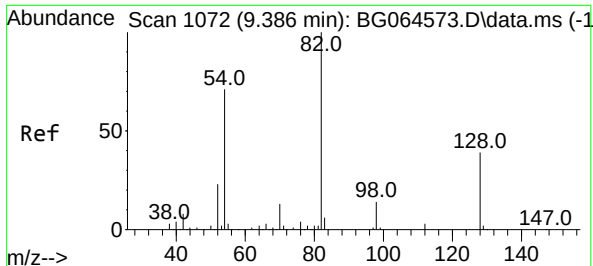
Tgt Ion: 99 Resp: 207374
Ion Ratio Lower Upper
99 100
42 22.9 18.3 27.5
71 38.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 1351
Delta R.T. -0.024 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

Tgt Ion:136 Resp: 122176
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 14.1 12.6 19.0
68 5.4 5.7 8.5#





#23

Nitrobenzene-d5

Concen: 66.889 ng

RT: 9.362 min Scan# 1068

Delta R.T. -0.024 min

Lab File: BG064702.D

Acq: 6 Nov 2025 14:25

Instrument :

BNA_G

ClientSampleId :

TP-COMP

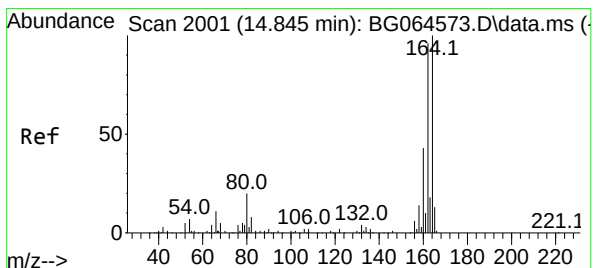
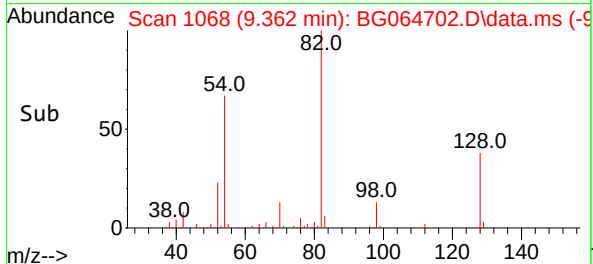
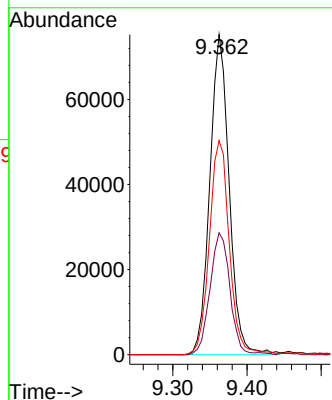
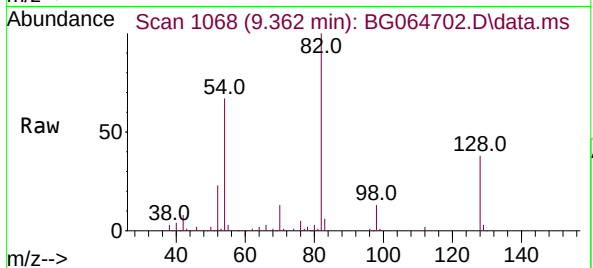
Tgt Ion: 82 Resp: 136061

Ion Ratio Lower Upper

82 100

128 38.1 31.3 46.9

54 66.9 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.821 min Scan# 1997

Delta R.T. -0.024 min

Lab File: BG064702.D

Acq: 6 Nov 2025 14:25

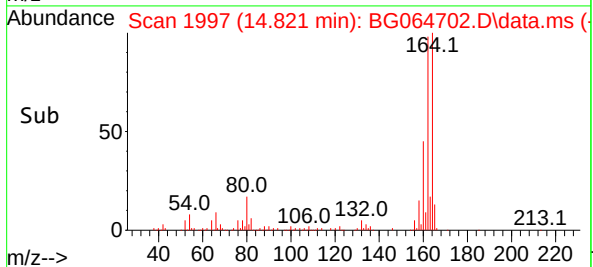
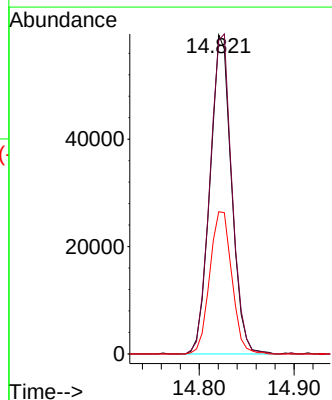
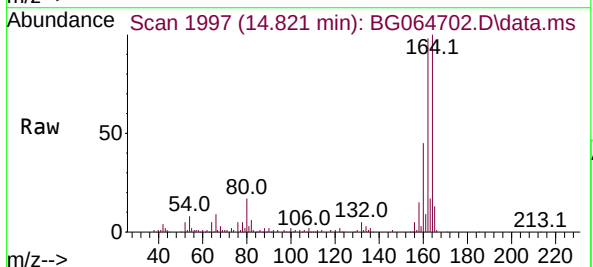
Tgt Ion:164 Resp: 93552

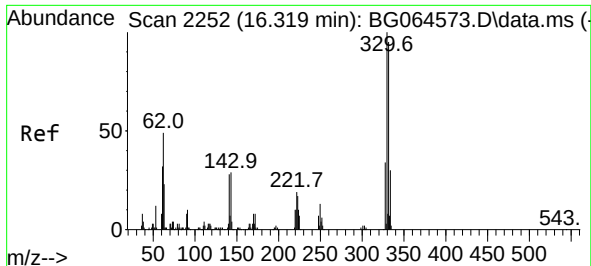
Ion Ratio Lower Upper

164 100

162 98.4 77.0 115.6

160 44.6 34.4 51.6

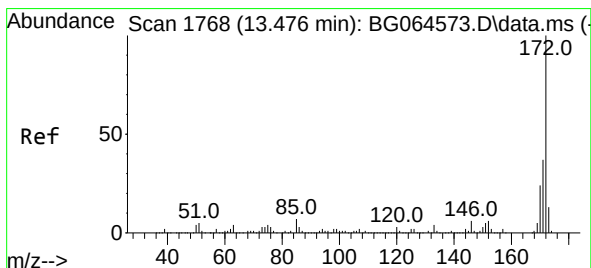
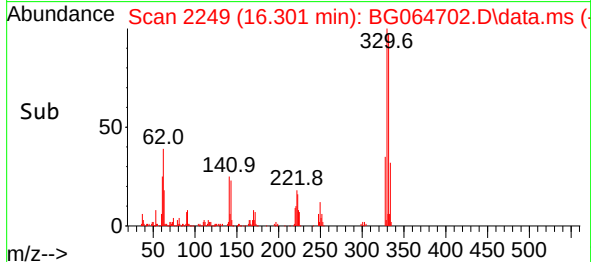
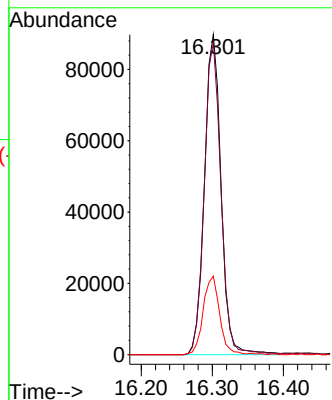
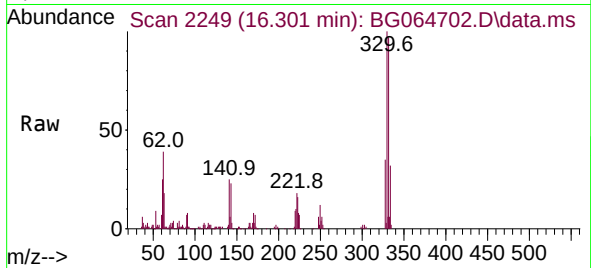




#42
2,4,6-Tribromophenol
Concen: 107.346 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

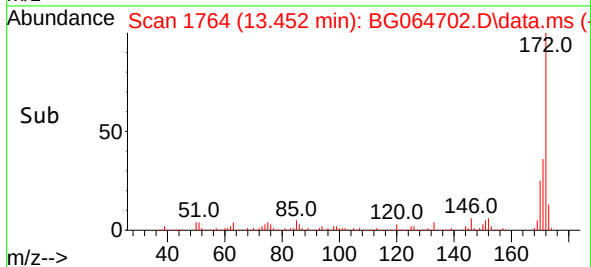
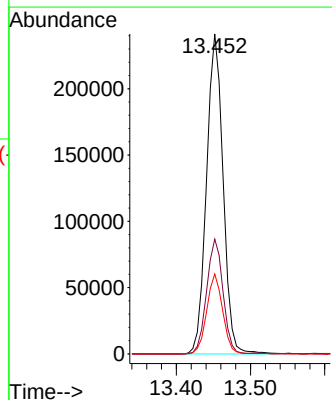
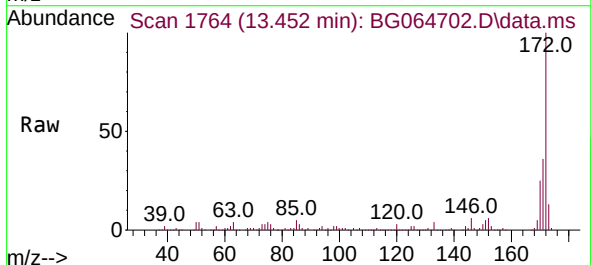
Instrument :
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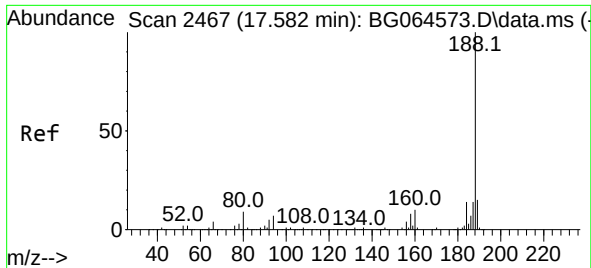
Tgt Ion:330 Resp: 144943
Ion Ratio Lower Upper
330 100
332 98.1 78.0 117.0
141 24.2 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 60.646 ng
RT: 13.452 min Scan# 1764
Delta R.T. -0.024 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

Tgt Ion:172 Resp: 374305
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 25.0 19.1 28.7

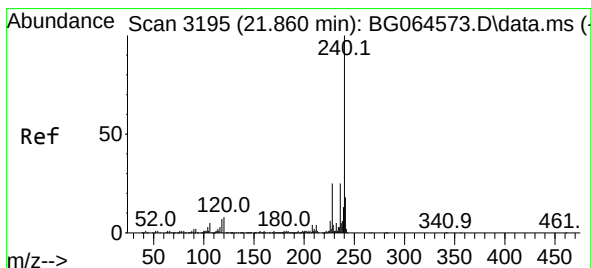
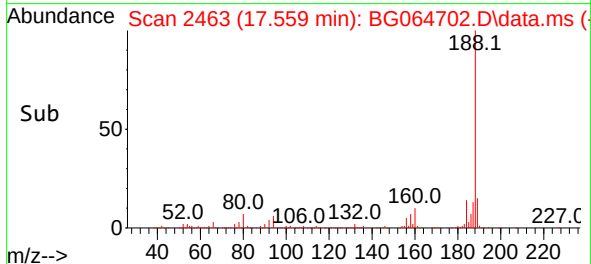
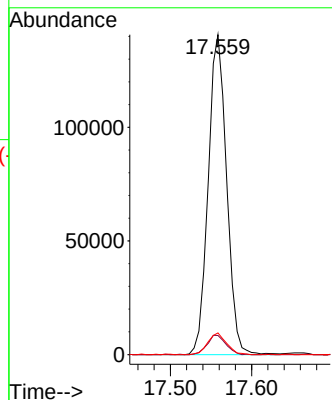
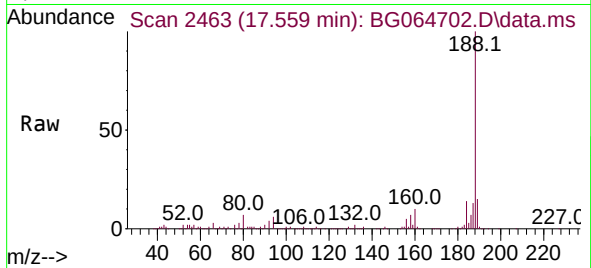




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.559 min Scan# 2463
Delta R.T. -0.024 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

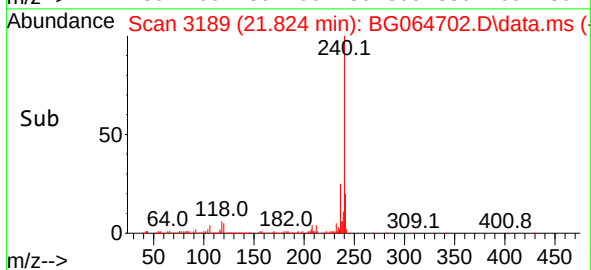
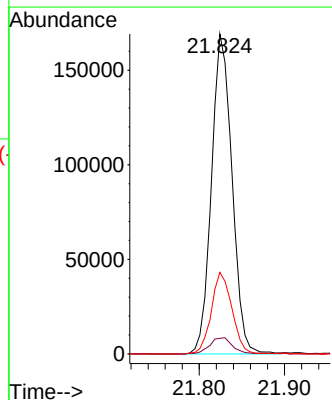
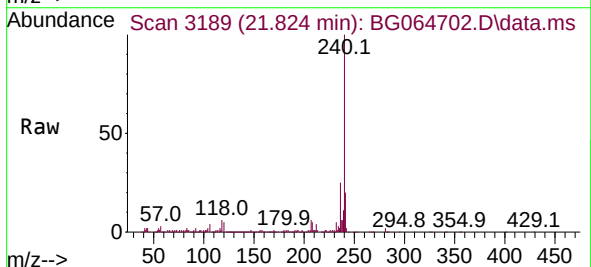
Instrument :
BNA_G
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TP-COMP

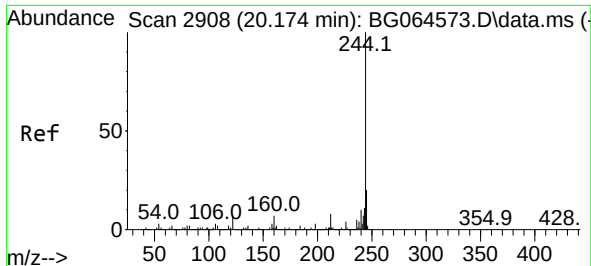
Tgt Ion:188 Resp: 222156
Ion Ratio Lower Upper
188 100
94 6.0 5.7 8.5
80 6.8 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.824 min Scan# 3189
Delta R.T. -0.036 min
Lab File: BG064702.D
Acq: 6 Nov 2025 14:25

Tgt Ion:240 Resp: 282847
Ion Ratio Lower Upper
240 100
120 4.9 6.5 9.7#
236 25.5 20.2 30.2

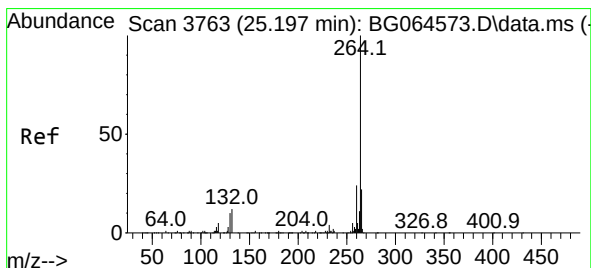
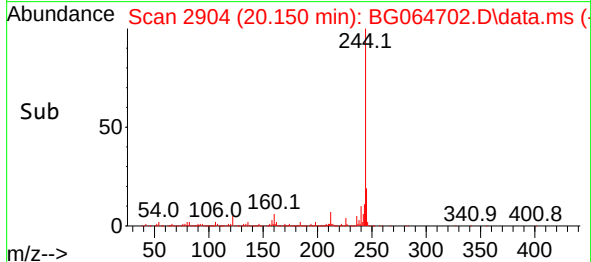
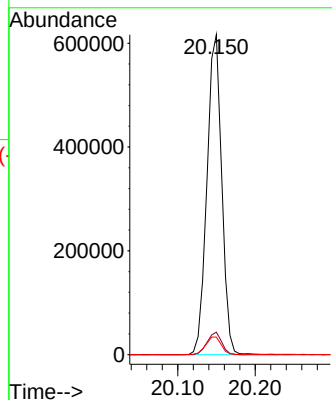
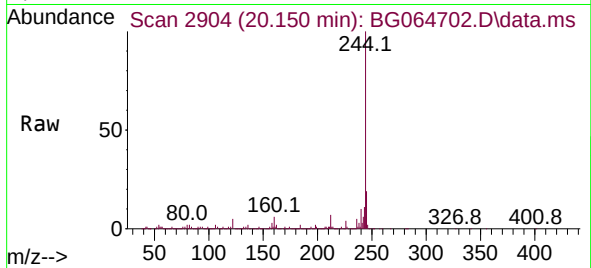




#79
 Terphenyl-d14
 Concen: 54.360 ng
 RT: 20.150 min Scan# 2908
 Delta R.T. -0.024 min
 Lab File: BG064702.D
 Acq: 6 Nov 2025 14:25

Instrument :
 BNA_G
 ClientSampleId :
 TP-COMP

Tgt Ion:244 Resp: 814744
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 5.5 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.150 min Scan# 3755
 Delta R.T. -0.047 min
 Lab File: BG064702.D
 Acq: 6 Nov 2025 14:25

Tgt Ion:264 Resp: 322658
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 21.3 17.6 26.4

