

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110625\
 Data File : BG064703.D
 Acq On : 6 Nov 2025 15:06
 Operator : RC/JU
 Sample : Q3544-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ONYX-1

Quant Time: Nov 06 15:48:32 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	8.199	152	31979	20.000	ng	-0.02
21) Naphthalene-d8	11.025	136	127456	20.000	ng	-0.02
39) Acenaphthene-d10	14.820	164	104884	20.000	ng	-0.02
64) Phenanthrene-d10	17.558	188	257019	20.000	ng	-0.02
76) Chrysene-d12	21.824	240	315465	20.000	ng	#-0.04
86) Perylene-d12	25.149	264	353542	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	246994	129.641	ng	-0.02
7) Phenol-d6	7.341	99	336694	128.787	ng	-0.01
23) Nitrobenzene-d5	9.362	82	216955	102.238	ng	-0.02
42) 2,4,6-Tribromophenol	16.301	330	265478	175.373	ng	-0.02
45) 2-Fluorobiphenyl	13.451	172	566382	81.851	ng	-0.02
79) Terphenyl-d14	20.149	244	1273992	76.212	ng	-0.02

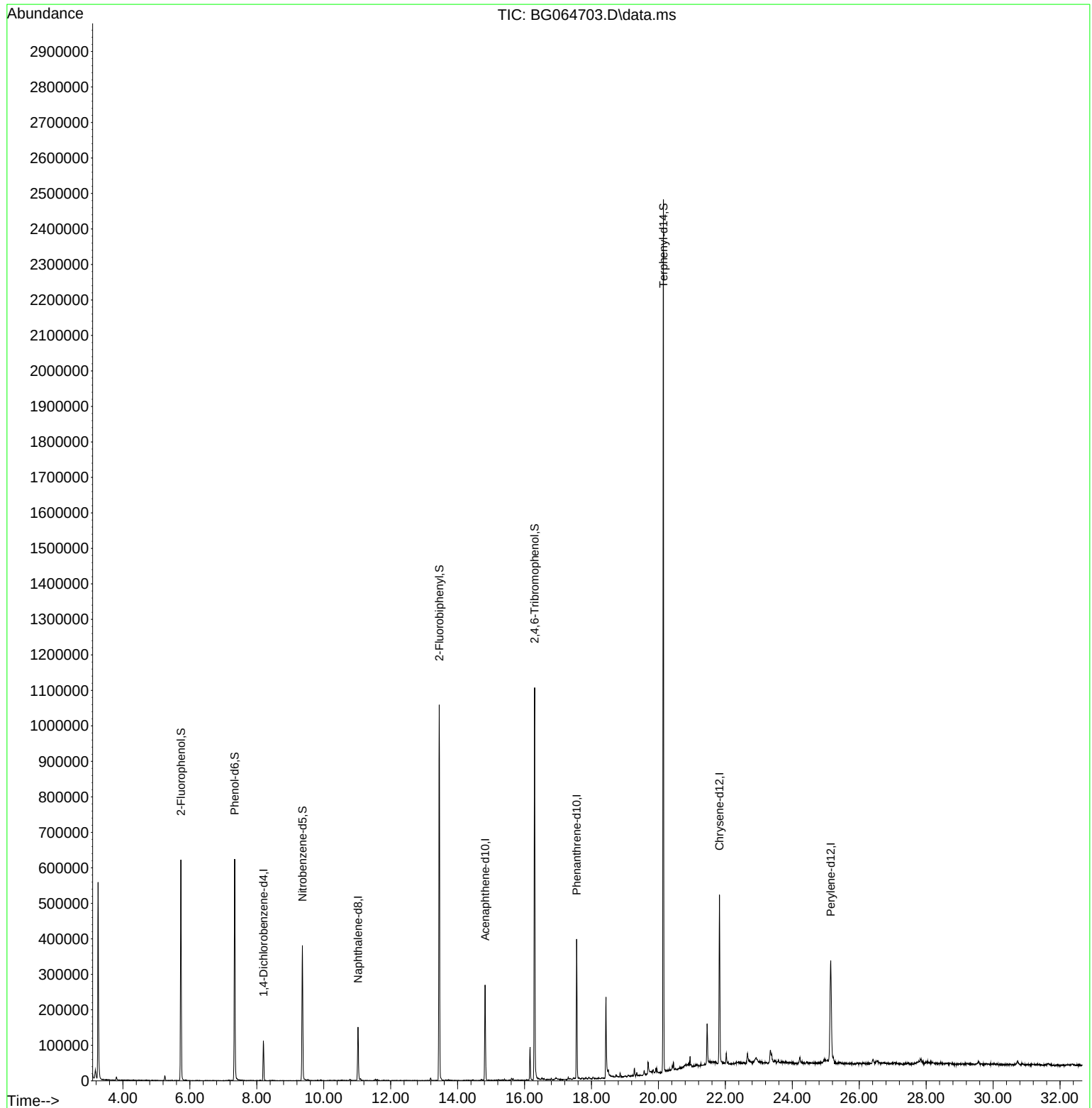
Target Compounds	Qvalue

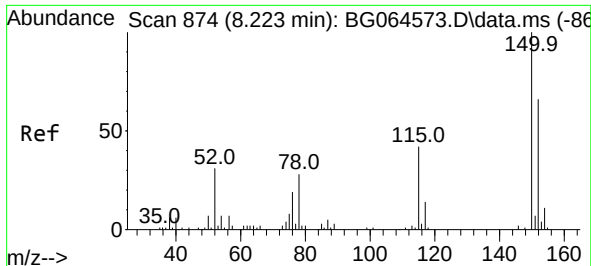
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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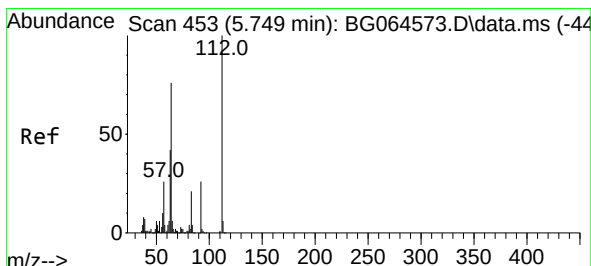
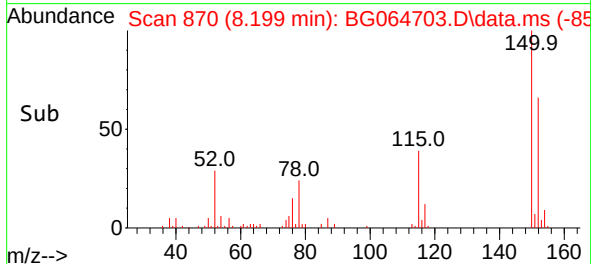
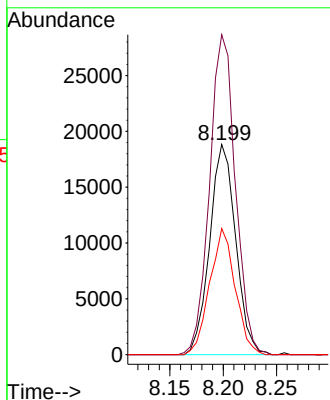
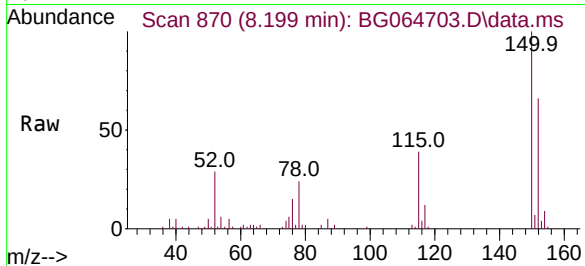




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.024 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

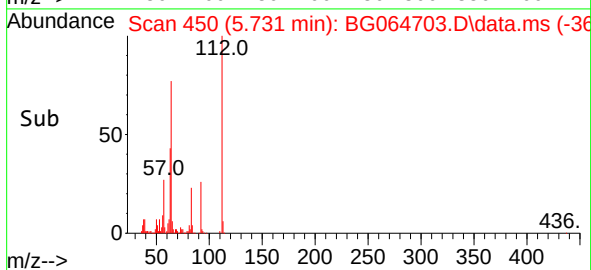
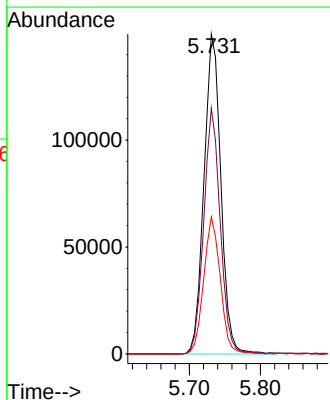
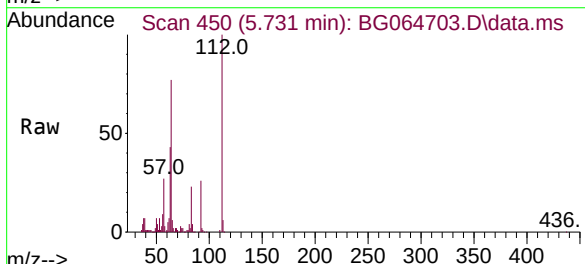
Instrument :
BNA_G
ClientSampleId :
ONYX-1

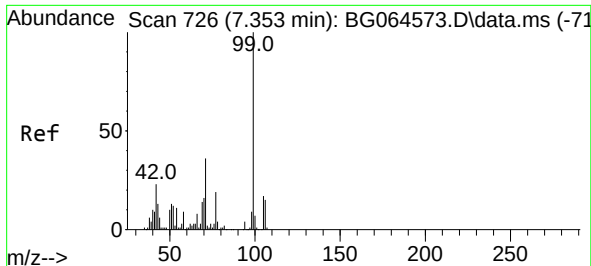
Tgt Ion:152 Resp: 31979
Ion Ratio Lower Upper
152 100
150 152.3 122.2 183.4
115 60.0 50.8 76.2



#5
2-Fluorophenol
Concen: 129.641 ng
RT: 5.731 min Scan# 450
Delta R.T. -0.018 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

Tgt Ion:112 Resp: 246994
Ion Ratio Lower Upper
112 100
64 76.8 60.7 91.1
63 42.8 33.4 50.0





#7
Phenol-d6
Concen: 128.787 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.013 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

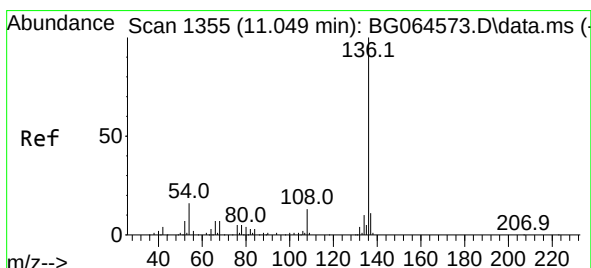
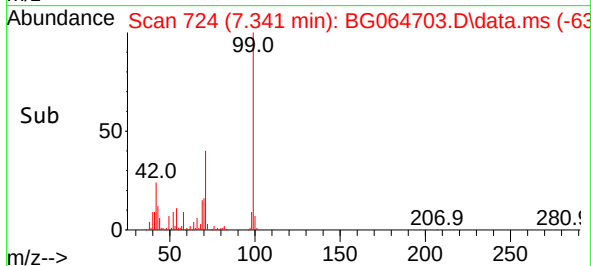
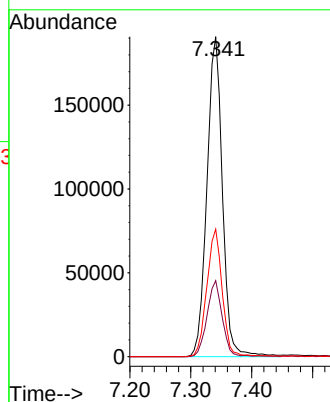
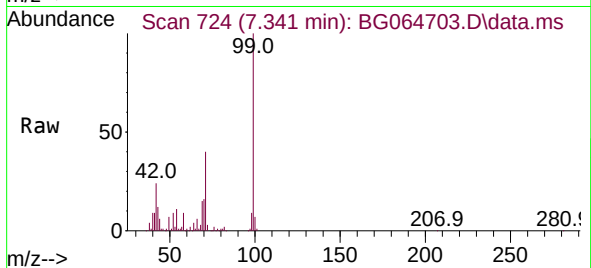
Instrument :

BNA_G

ClientSampleId :

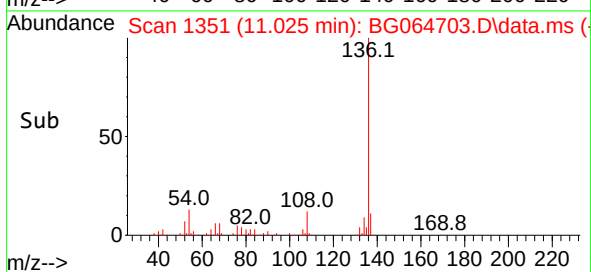
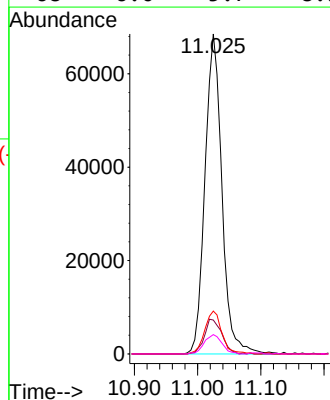
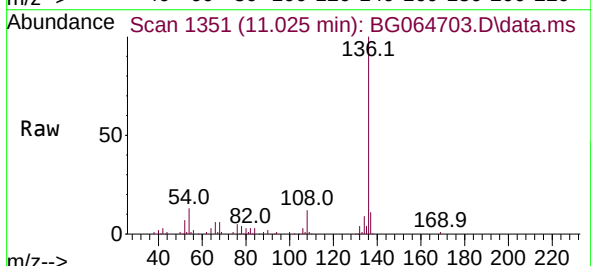
ONYX-1

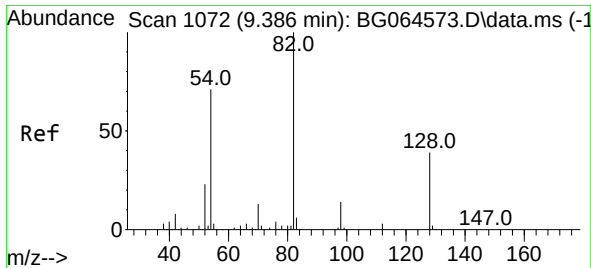
Tgt Ion: 99 Resp: 336694
Ion Ratio Lower Upper
99 100
42 23.7 18.3 27.5
71 39.8 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 1351
Delta R.T. -0.024 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

Tgt Ion: 136 Resp: 127456
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 13.4 12.6 19.0
68 6.0 5.7 8.5

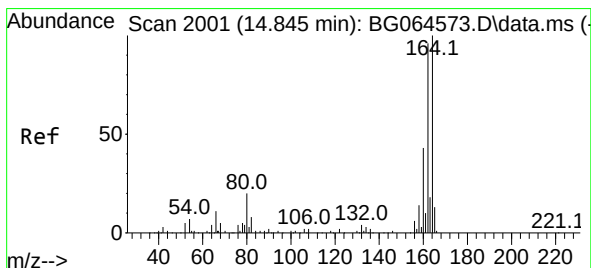
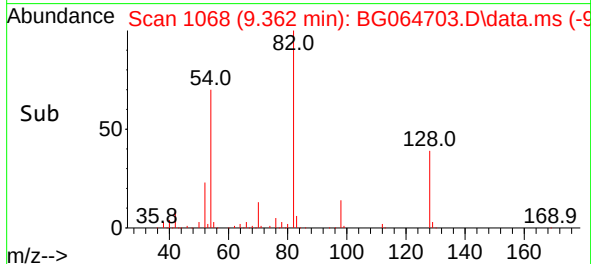
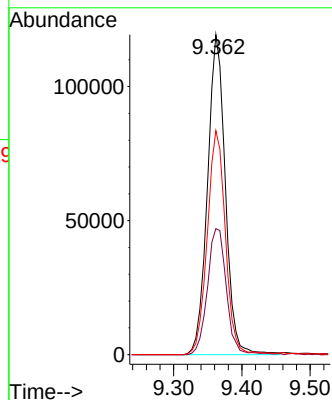
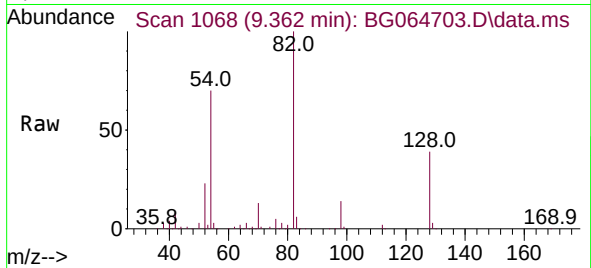




#23
Nitrobenzene-d5
Concen: 102.238 ng
RT: 9.362 min Scan# 1072
Delta R.T. -0.024 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

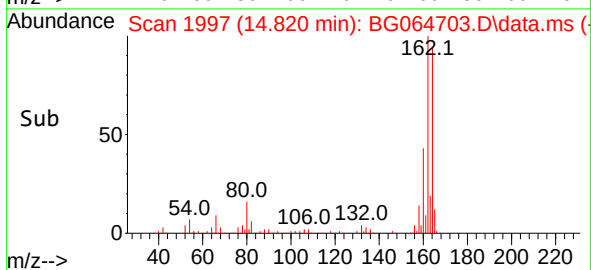
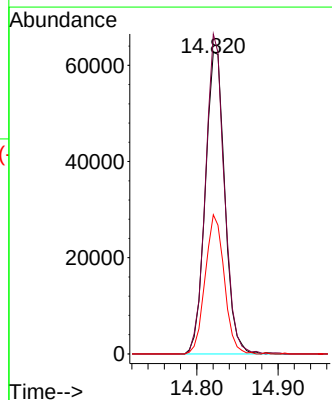
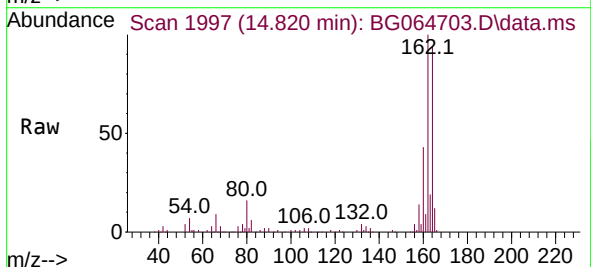
Instrument :
BNA_G
ClientSampleId :
ONYX-1

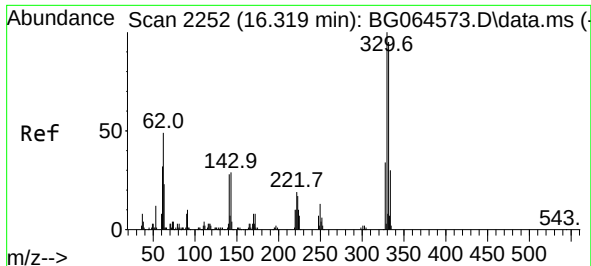
Tgt Ion: 82 Resp: 216955
Ion Ratio Lower Upper
82 100
128 39.4 31.3 46.9
54 70.0 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.820 min Scan# 1997
Delta R.T. -0.024 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

Tgt Ion: 164 Resp: 104884
Ion Ratio Lower Upper
164 100
162 106.1 77.0 115.6
160 46.1 34.4 51.6

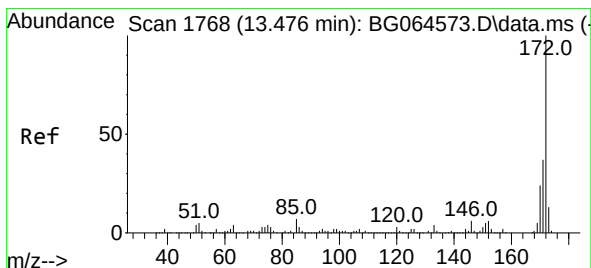
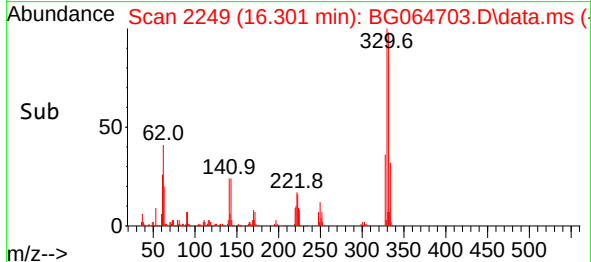
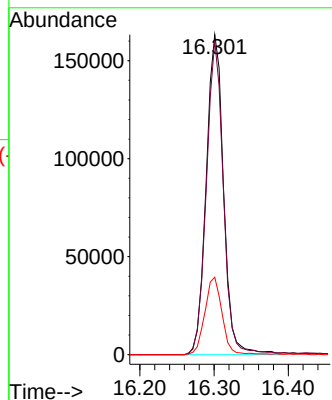
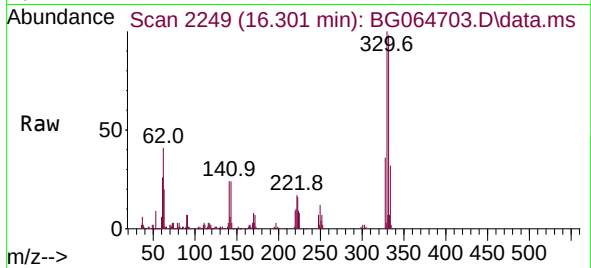




#42
2,4,6-Tribromophenol
Concen: 175.373 ng
RT: 16.301 min Scan# 21
Delta R.T. -0.018 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

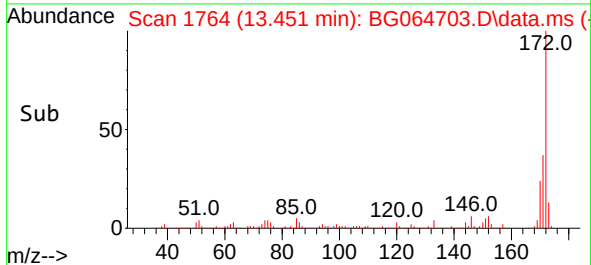
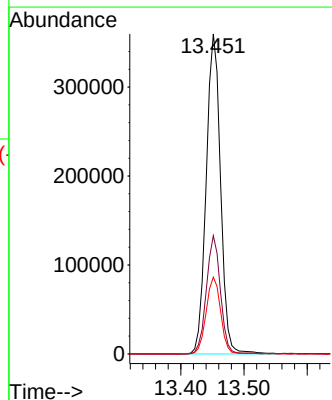
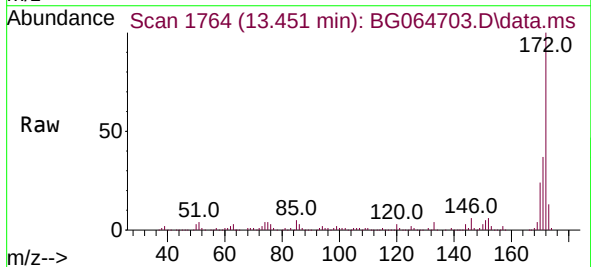
Instrument :
BNA_G
ClientSampleId :
ONYX-1

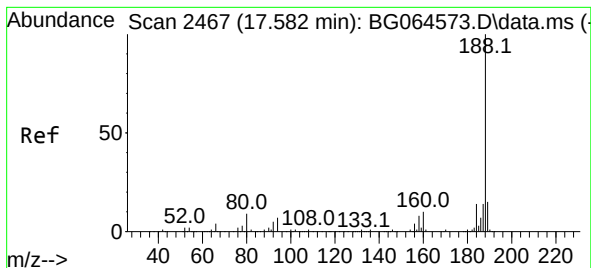
Tgt Ion:330 Resp: 265478
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 24.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 81.851 ng
RT: 13.451 min Scan# 1764
Delta R.T. -0.024 min
Lab File: BG064703.D
Acq: 6 Nov 2025 15:06

Tgt Ion:172 Resp: 566382
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.558 min Scan# 24

Delta R.T. -0.024 min

Lab File: BG064703.D

Acq: 6 Nov 2025 15:06

Instrument :

BNA_G

ClientSampleId :

ONYX-1

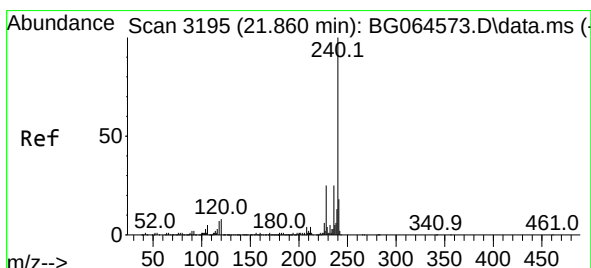
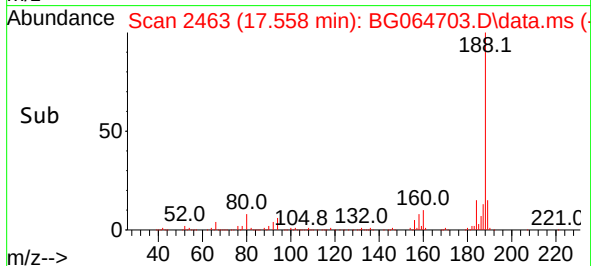
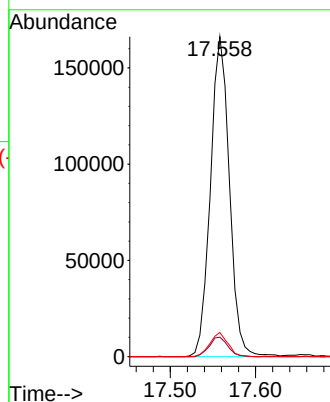
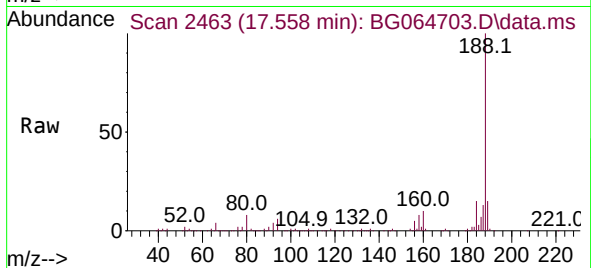
Tgt Ion:188 Resp: 257019

Ion Ratio Lower Upper

188 100

94 6.1 5.7 8.5

80 7.6 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: BG064703.D

Acq: 6 Nov 2025 15:06

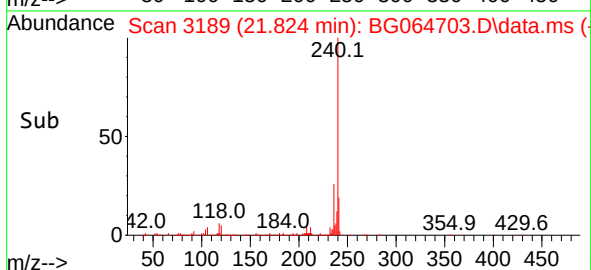
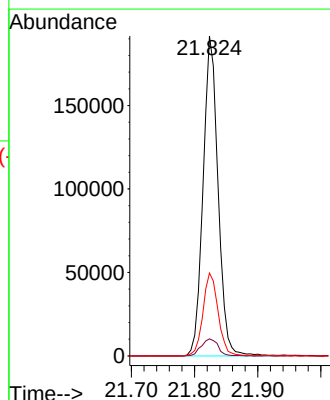
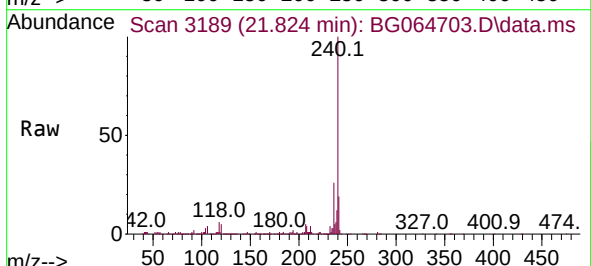
Tgt Ion:240 Resp: 315465

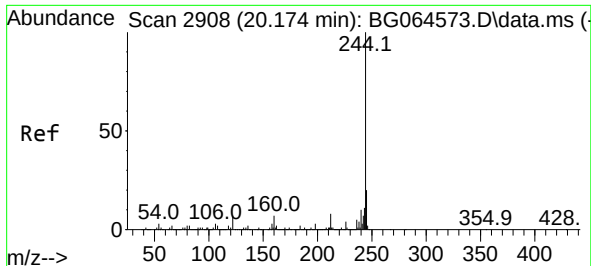
Ion Ratio Lower Upper

240 100

120 5.3 6.5 9.7#

236 25.9 20.2 30.2

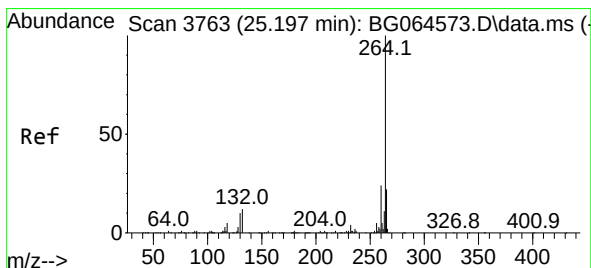
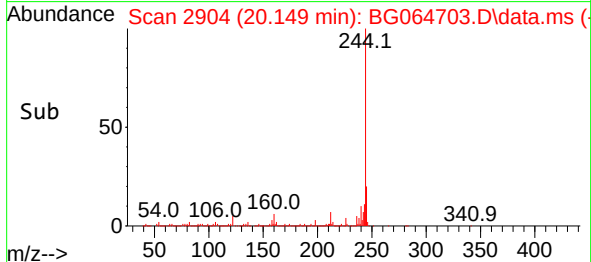
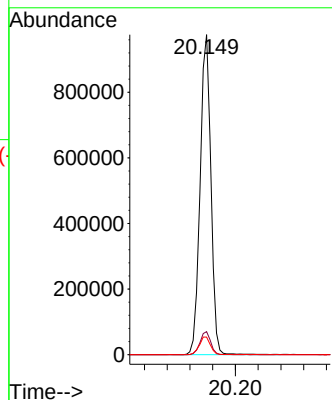
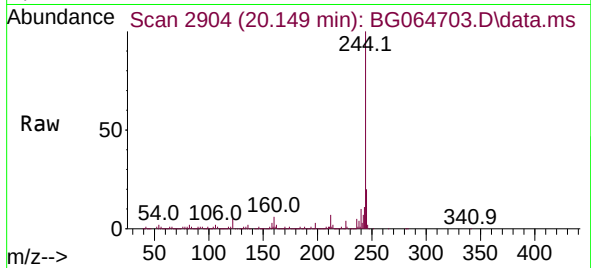




#79
 Terphenyl-d14
 Concen: 76.212 ng
 RT: 20.149 min Scan# 2908
 Delta R.T. -0.024 min
 Lab File: BG064703.D
 Acq: 6 Nov 2025 15:06

Instrument :
 BNA_G
 ClientSampleId :
 ONYX-1

Tgt Ion:244 Resp: 1273992
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.5 5.6 8.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.149 min Scan# 3755
 Delta R.T. -0.048 min
 Lab File: BG064703.D
 Acq: 6 Nov 2025 15:06

Tgt Ion:264 Resp: 353542
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.0 28.4
 265 21.7 17.6 26.4

