

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064673.D
 Acq On : 3 Nov 2025 15:16
 Operator : RC/JU
 Sample : PB170206BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170206BL

Quant Time: Nov 04 00:42:03 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	8.206	152	33303	20.000	ng	-0.02
21) Naphthalene-d8	11.038	136	120360	20.000	ng	-0.01
39) Acenaphthene-d10	14.833	164	97938	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	255703	20.000	ng	-0.01
76) Chrysene-d12	21.843	240	321187	20.000	ng	-0.02
86) Perylene-d12	25.174	264	341510	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	276345	139.280	ng	0.00
7) Phenol-d6	7.348	99	345673	126.964	ng	0.00
23) Nitrobenzene-d5	9.375	82	219660	109.616	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	224867	159.081	ng	0.00
45) 2-Fluorobiphenyl	13.464	172	604660	93.581	ng	-0.01
79) Terphenyl-d14	20.162	244	1643150	96.545	ng	-0.01

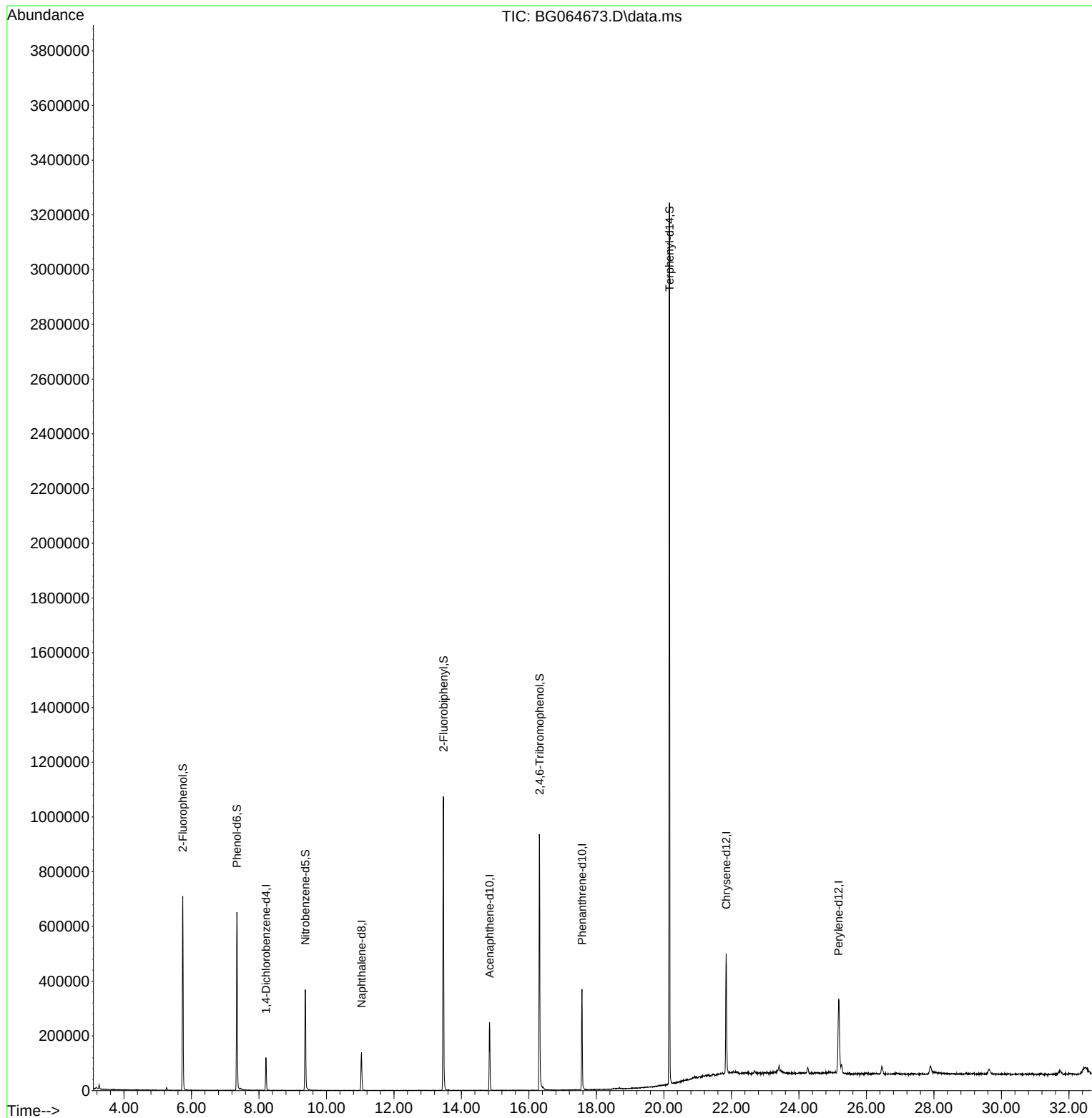
Target Compounds	Qvalue

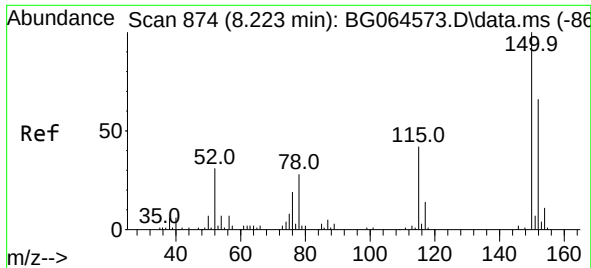
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
Data File : BG064673.D
Acq On : 3 Nov 2025 15:16
Operator : RC/JU
Sample : PB170206BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170206BL

Quant Time: Nov 04 00:42:03 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

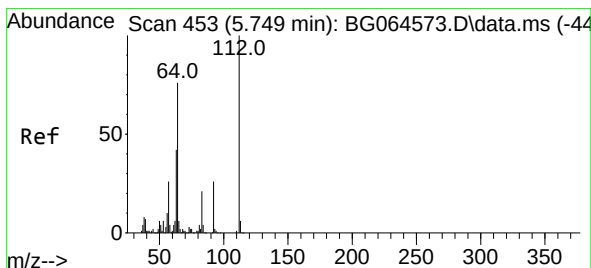
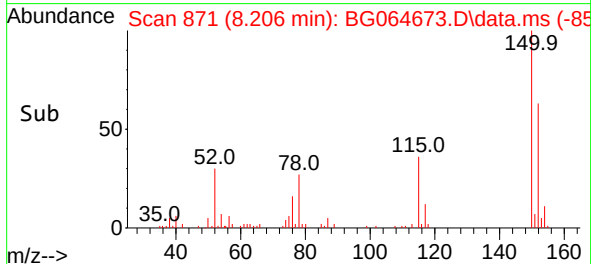
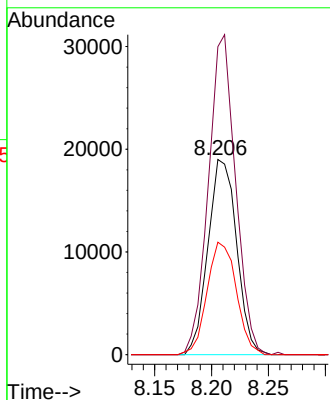
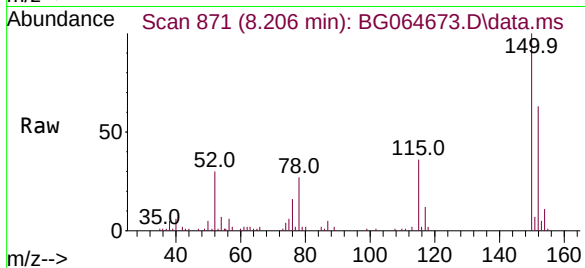




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.206 min Scan# 81
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

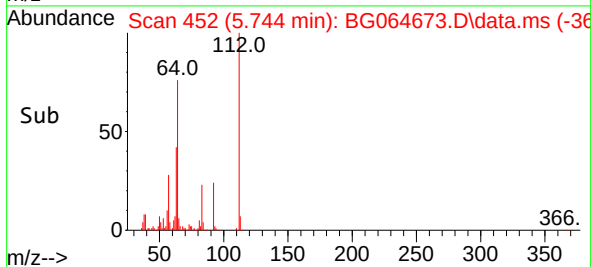
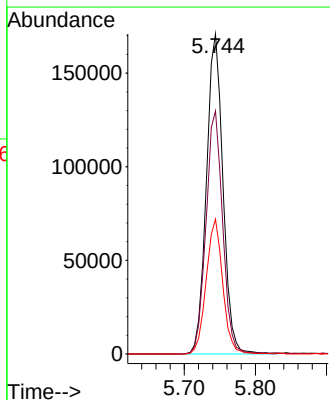
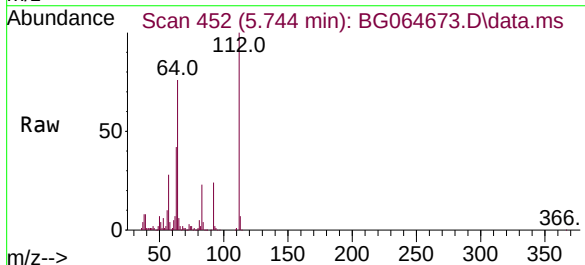
Instrument :
BNA_G
ClientSampleId :
PB170206BL

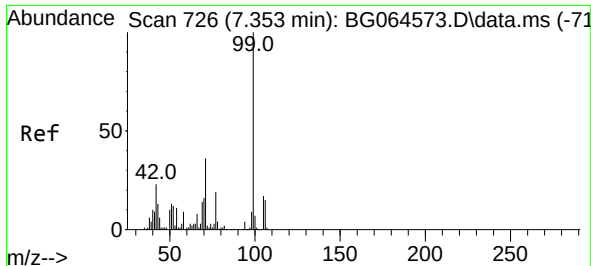
Tgt Ion:152 Resp: 33303
Ion Ratio Lower Upper
152 100
150 157.8 122.2 183.4
115 57.6 50.8 76.2



#5
2-Fluorophenol
Concen: 139.280 ng
RT: 5.744 min Scan# 452
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:112 Resp: 276345
Ion Ratio Lower Upper
112 100
64 75.9 60.7 91.1
63 42.1 33.4 50.0

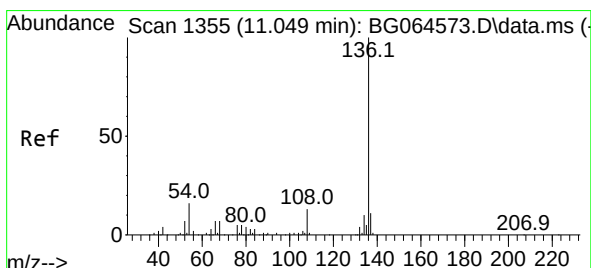
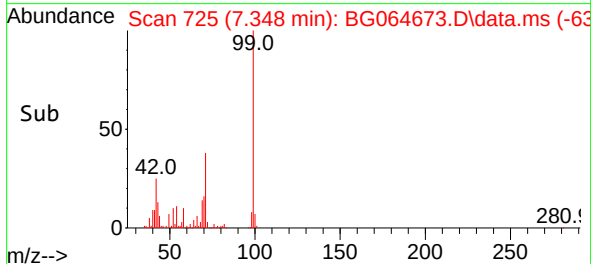
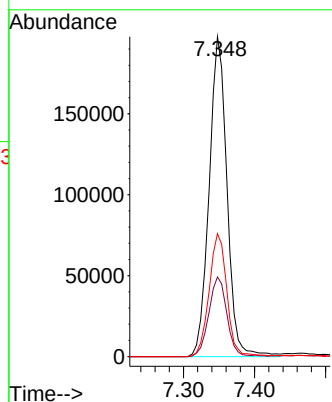
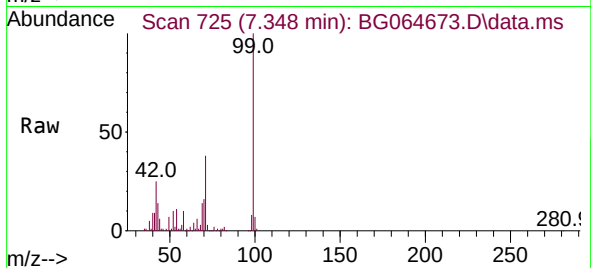




#7
Phenol-d6
Concen: 126.964 ng
RT: 7.348 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

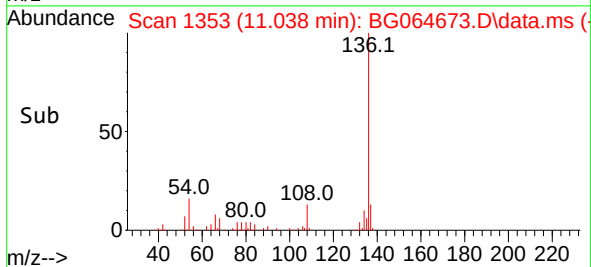
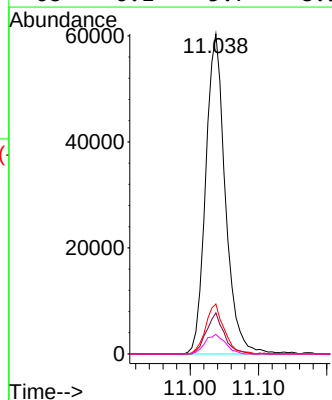
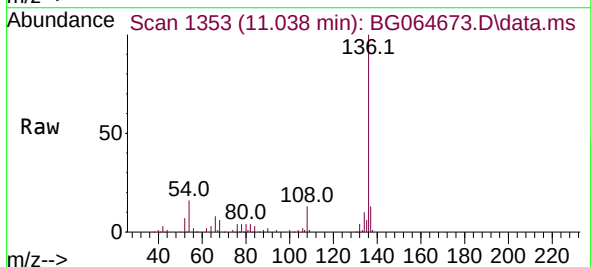
Instrument :
BNA_G
ClientSampleId :
PB170206BL

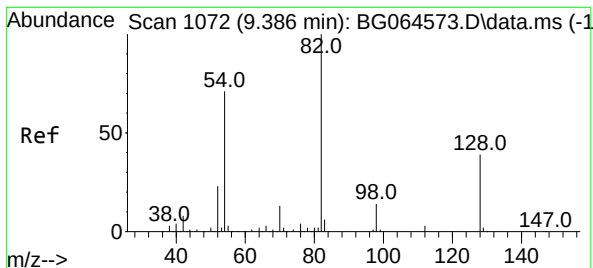
Tgt Ion: 99 Resp: 345673
Ion Ratio Lower Upper
99 100
42 24.9 18.3 27.5
71 38.5 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.038 min Scan# 1353
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion: 136 Resp: 120360
Ion Ratio Lower Upper
136 100
137 12.8 9.2 13.8
54 15.6 12.6 19.0
68 6.1 5.7 8.5





#23

Nitrobenzene-d5

Concen: 109.616 ng

RT: 9.375 min Scan# 1072

Delta R.T. -0.011 min

Lab File: BG064673.D

Acq: 3 Nov 2025 15:16

Instrument :

BNA_G

ClientSampleId :

PB170206BL

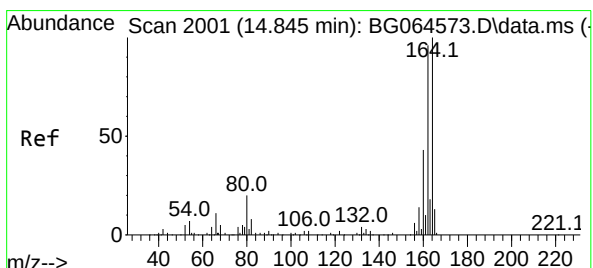
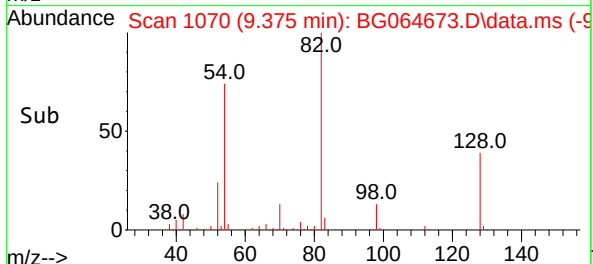
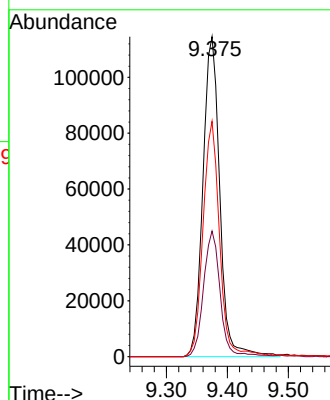
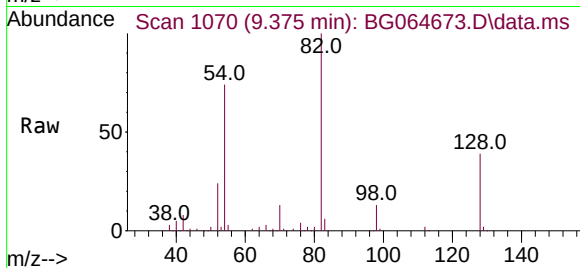
Tgt Ion: 82 Resp: 219660

Ion Ratio Lower Upper

82 100

128 39.2 31.3 46.9

54 73.5 56.6 84.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.833 min Scan# 1999

Delta R.T. -0.011 min

Lab File: BG064673.D

Acq: 3 Nov 2025 15:16

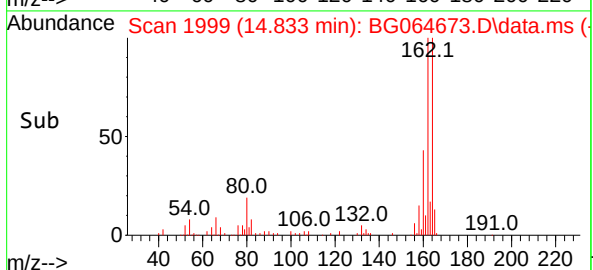
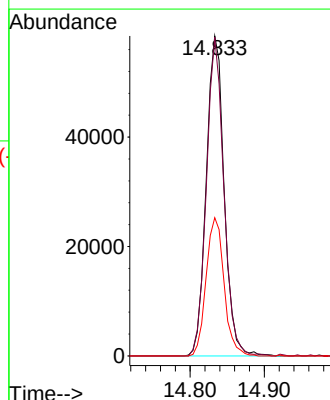
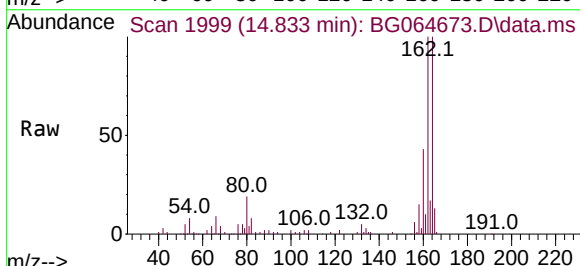
Tgt Ion: 164 Resp: 97938

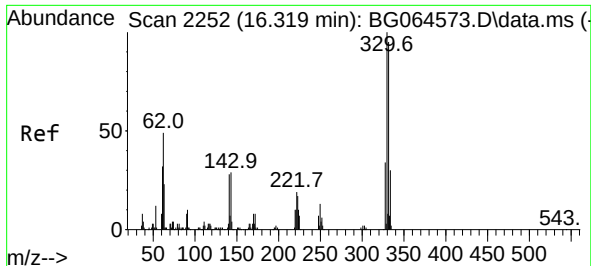
Ion Ratio Lower Upper

164 100

162 99.5 77.0 115.6

160 43.2 34.4 51.6

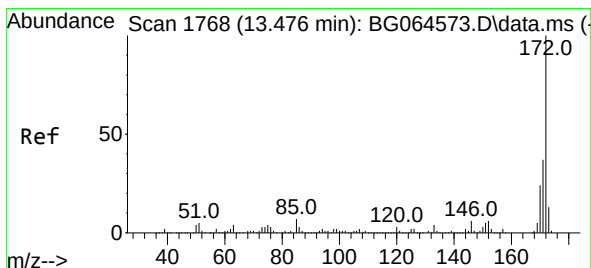
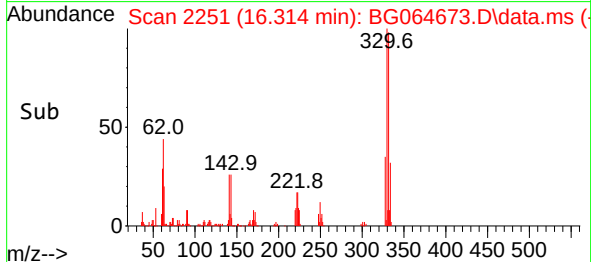
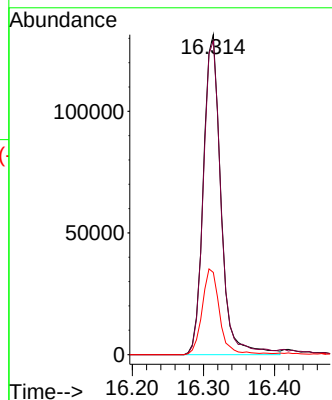
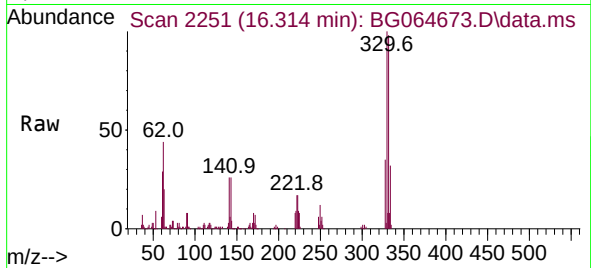




#42
2,4,6-Tribromophenol
Concen: 159.081 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

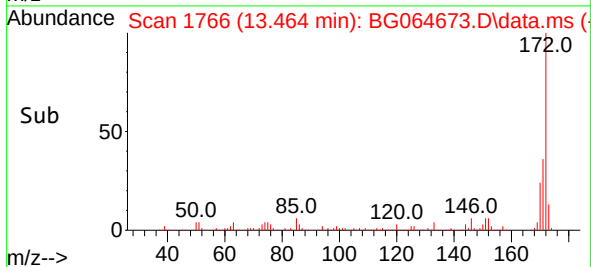
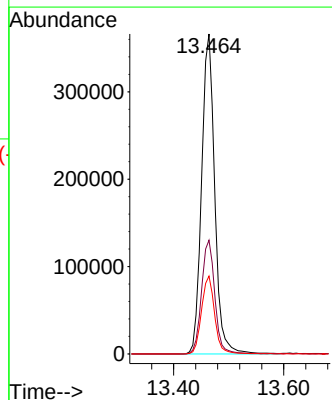
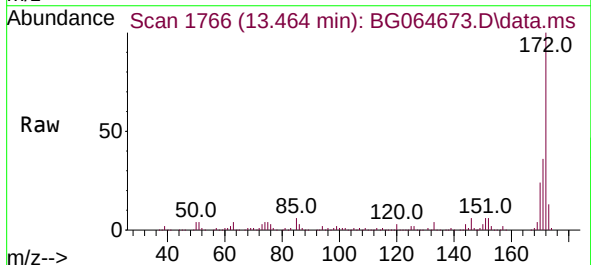
Instrument :
BNA_G
ClientSampleId :
PB170206BL

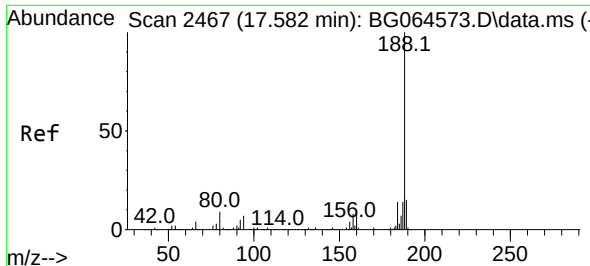
Tgt Ion:330 Resp: 224867
Ion Ratio Lower Upper
330 100
332 98.4 78.0 117.0
141 26.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 93.581 ng
RT: 13.464 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:172 Resp: 604660
Ion Ratio Lower Upper
172 100
171 35.5 29.4 44.0
170 24.3 19.1 28.7

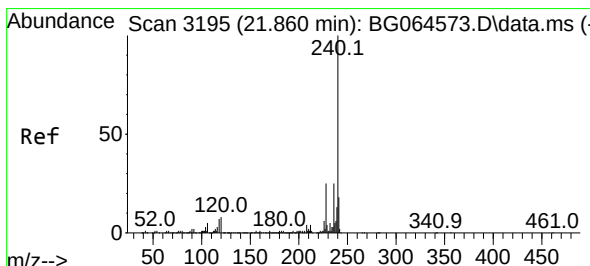
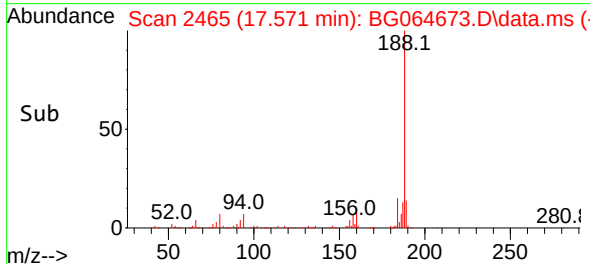
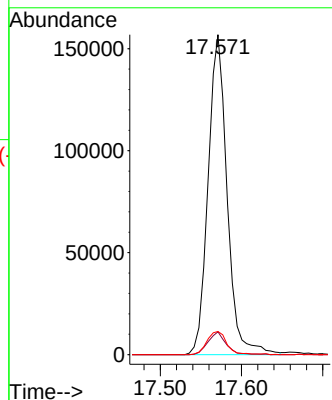
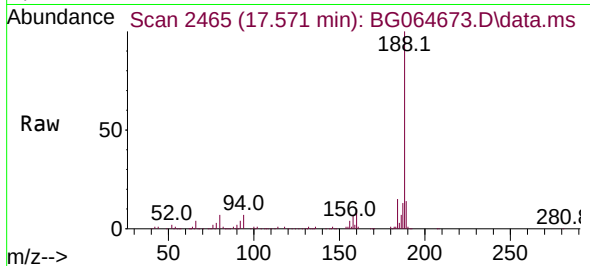




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.571 min Scan# 2465
Delta R.T. -0.011 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

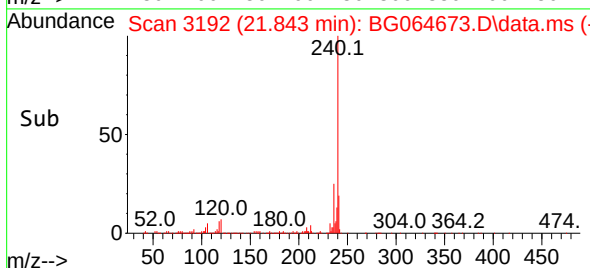
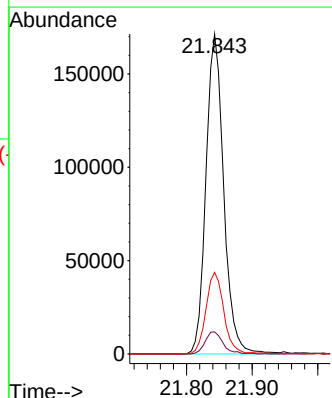
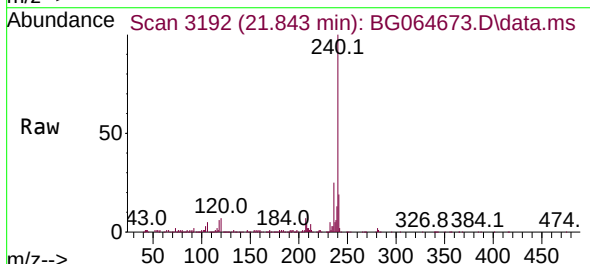
Instrument :
BNA_G
ClientSampleId :
PB170206BL

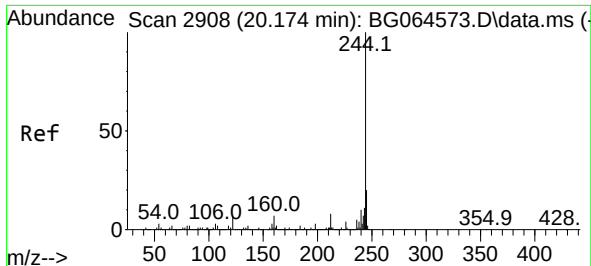
Tgt Ion:188 Resp: 255703
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 7.2 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.843 min Scan# 3192
Delta R.T. -0.017 min
Lab File: BG064673.D
Acq: 3 Nov 2025 15:16

Tgt Ion:240 Resp: 321187
Ion Ratio Lower Upper
240 100
120 6.9 6.5 9.7
236 25.5 20.2 30.2

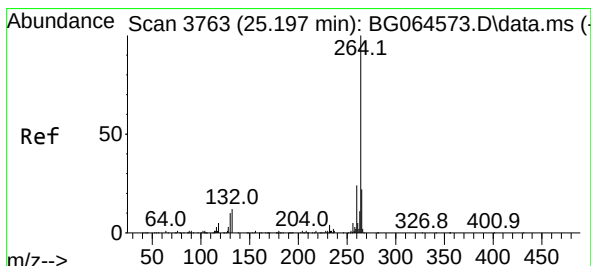
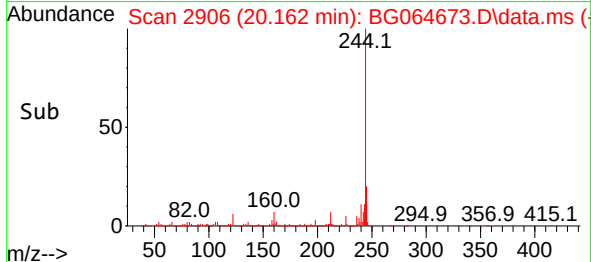
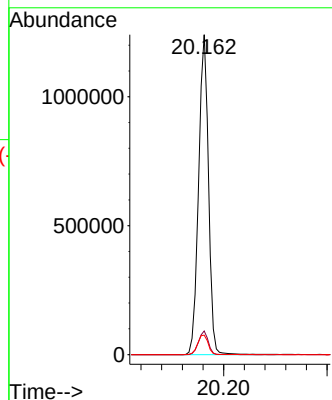
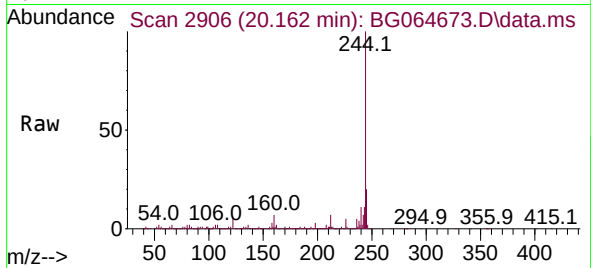




#79
 Terphenyl-d14
 Concen: 96.545 ng
 RT: 20.162 min Scan# 2908
 Delta R.T. -0.011 min
 Lab File: BG064673.D
 Acq: 3 Nov 2025 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB170206BL

Tgt Ion:244 Resp: 1643150
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.174 min Scan# 3759
 Delta R.T. -0.023 min
 Lab File: BG064673.D
 Acq: 3 Nov 2025 15:16

Tgt Ion:264 Resp: 341510
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 20.8 17.6 26.4

