

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064590.D
 Acq On : 27 Oct 2025 16:44
 Operator : RC/JU
 Sample : Q3439-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Quant Time: Oct 27 17:21:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.221	152	33531	20.000	ng	0.00
21) Naphthalene-d8	11.041	136	130378	20.000	ng	-0.01
39) Acenaphthene-d10	14.842	164	107594	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	266532	20.000	ng	0.00
76) Chrysene-d12	21.852	240	291468	20.000	ng	-0.01
86) Perylene-d12	25.189	264	307725	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	179127	89.667	ng	0.00
7) Phenol-d6	7.351	99	261015	95.218	ng	0.00
23) Nitrobenzene-d5	9.378	82	139263	64.156	ng	-0.01
42) 2,4,6-Tribromophenol	16.317	330	151696	97.685	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	426745	60.118	ng	0.00
79) Terphenyl-d14	20.165	244	948988	61.444	ng	-0.01

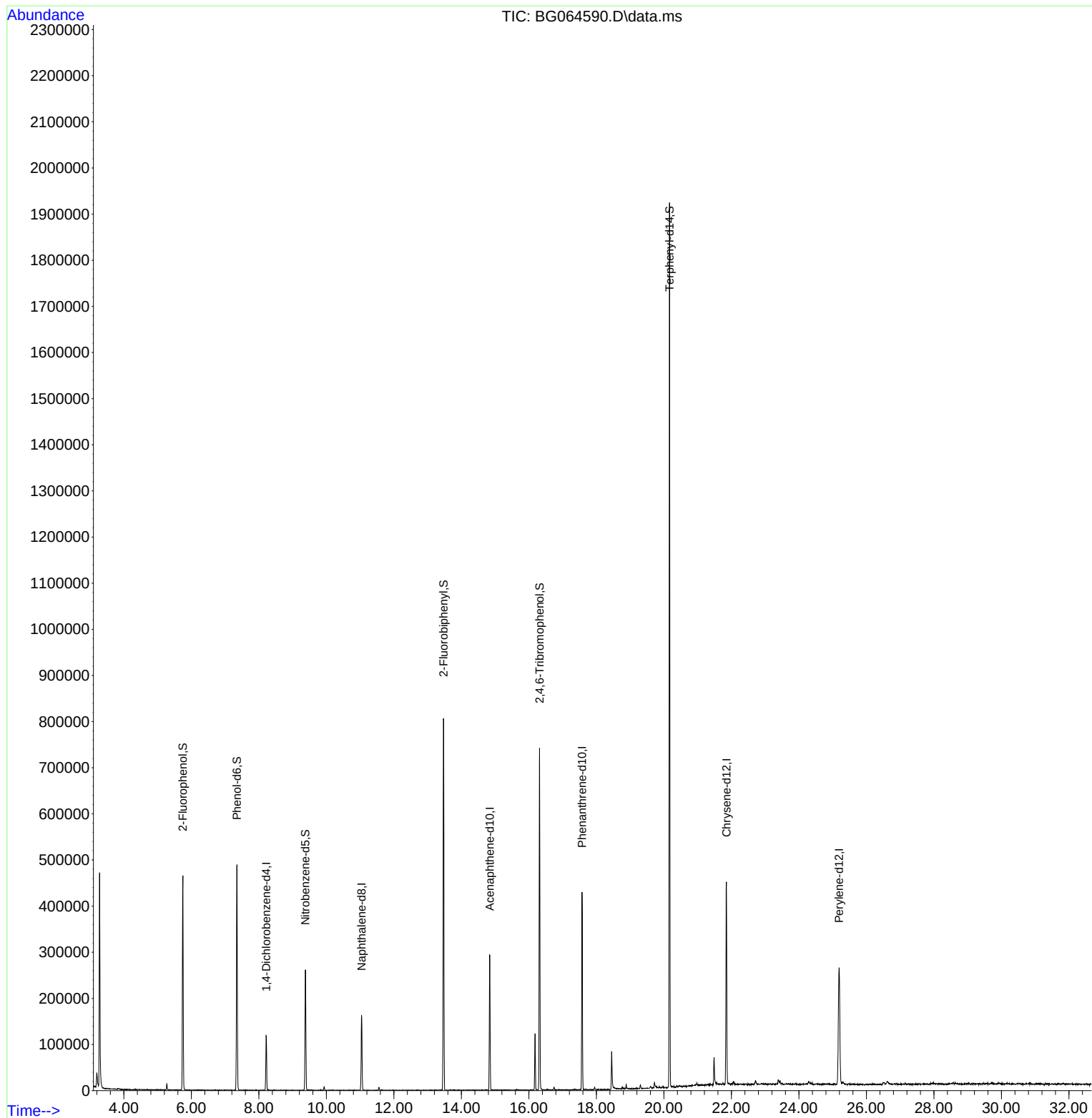
Target Compounds	Qvalue

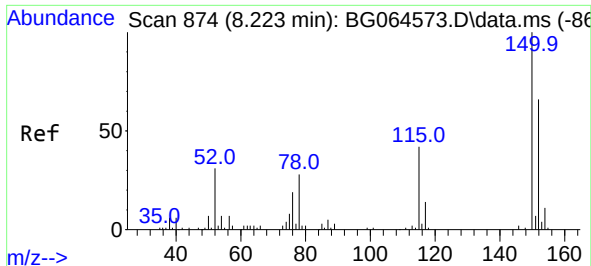
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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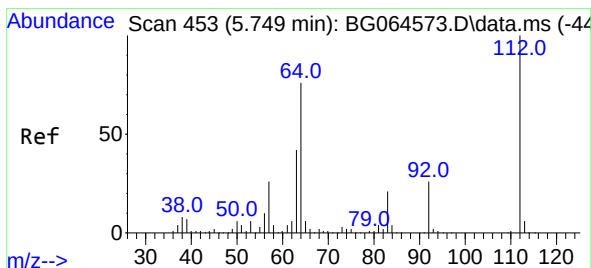
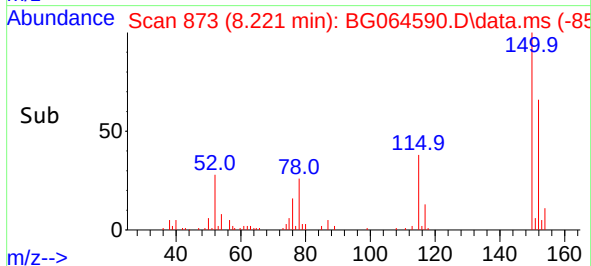
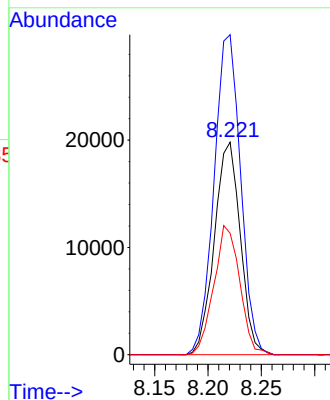
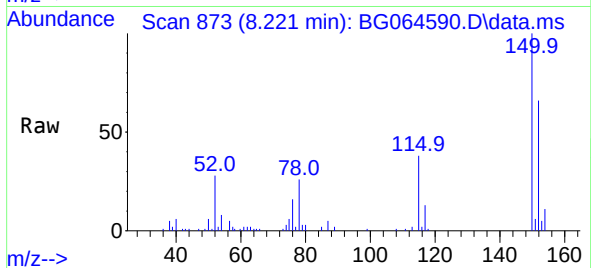




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.221 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

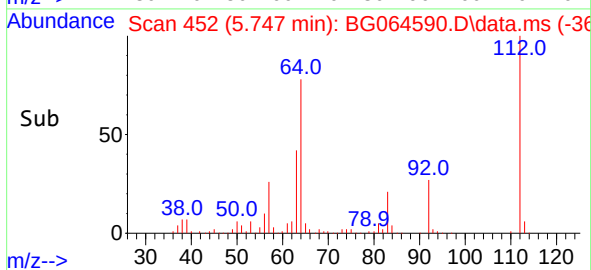
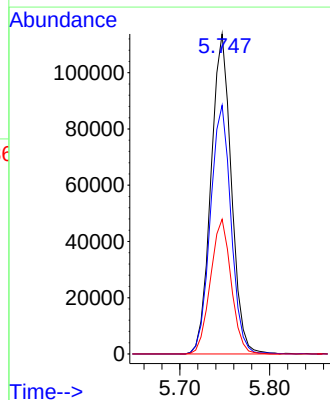
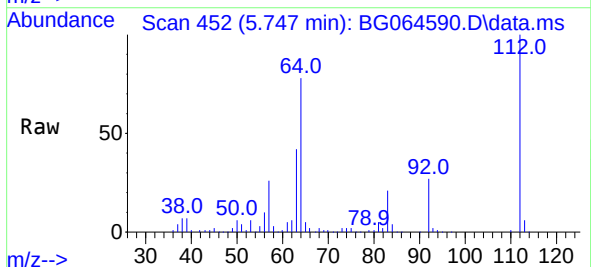
Instrument :
BNA_G
ClientSampleId :
TP-10

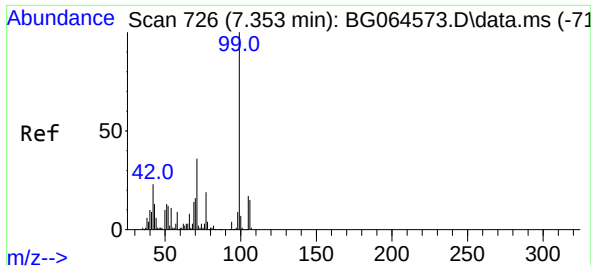
Tgt Ion:152 Resp: 33531
Ion Ratio Lower Upper
152 100
150 150.6 122.2 183.4
115 57.1 50.8 76.2



#5
2-Fluorophenol
Concen: 89.667 ng
RT: 5.747 min Scan# 452
Delta R.T. 0.000 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

Tgt Ion:112 Resp: 179127
Ion Ratio Lower Upper
112 100
64 77.7 60.7 91.1
63 42.1 33.4 50.0

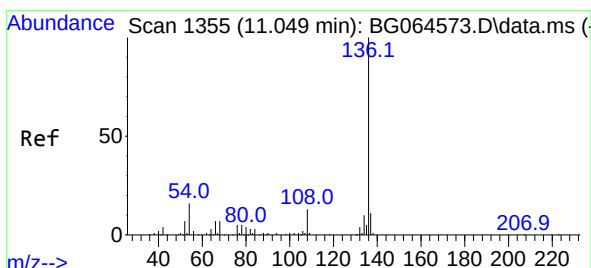
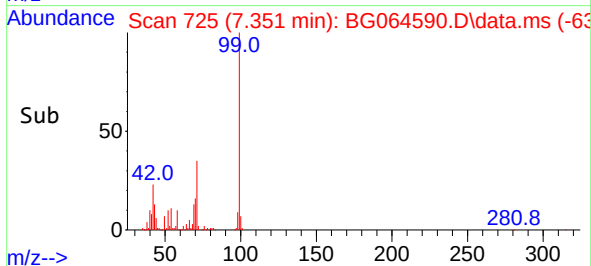
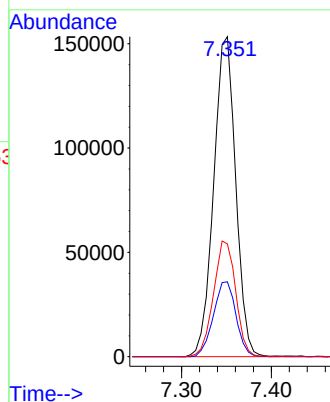
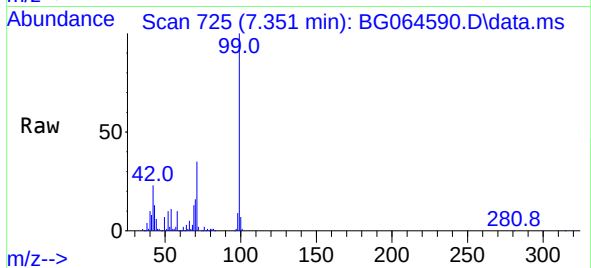




#7
Phenol-d6
Concen: 95.218 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

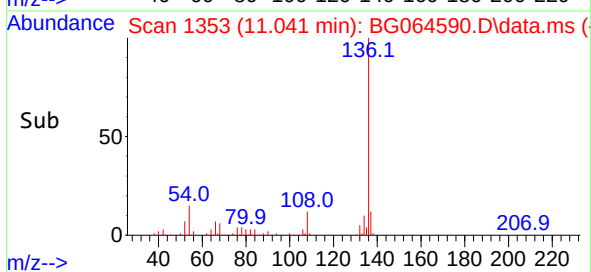
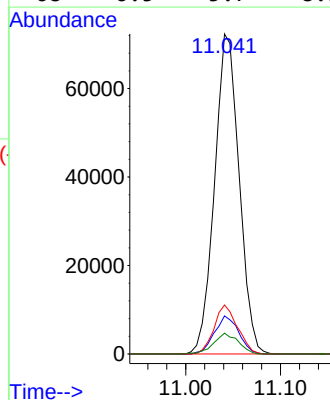
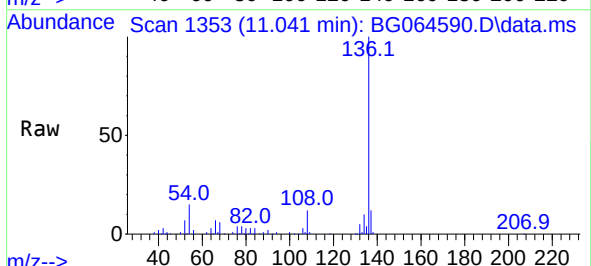
Instrument :
BNA_G
ClientSampleId :
TP-10

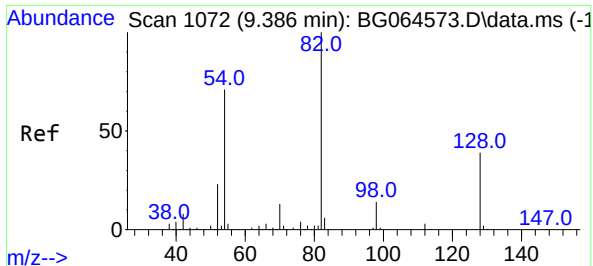
Tgt Ion: 99 Resp: 261015
Ion Ratio Lower Upper
99 100
42 23.4 18.3 27.5
71 35.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.041 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

Tgt Ion:136 Resp: 130378
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 15.3 12.6 19.0
68 6.5 5.7 8.5

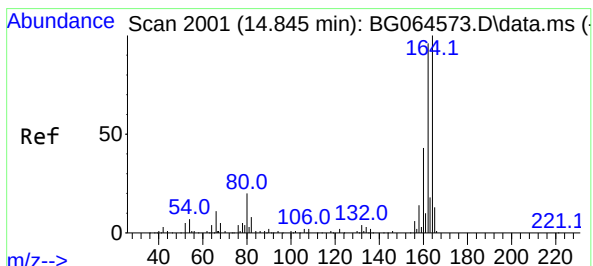
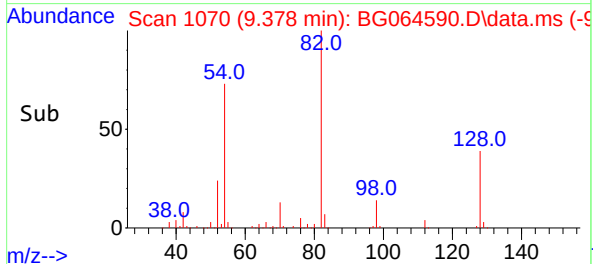
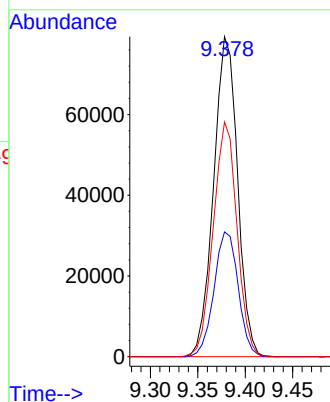
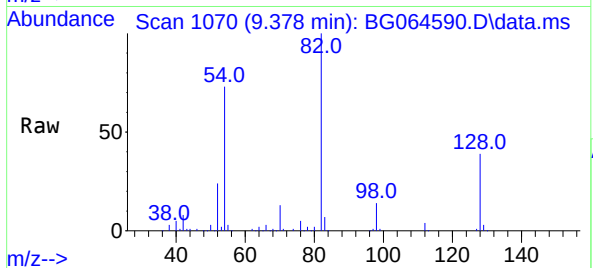




#23
Nitrobenzene-d5
Concen: 64.156 ng
RT: 9.378 min Scan# 1072
Delta R.T. -0.012 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

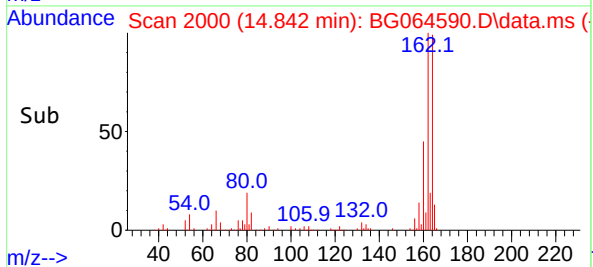
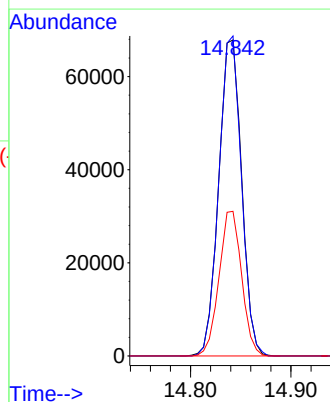
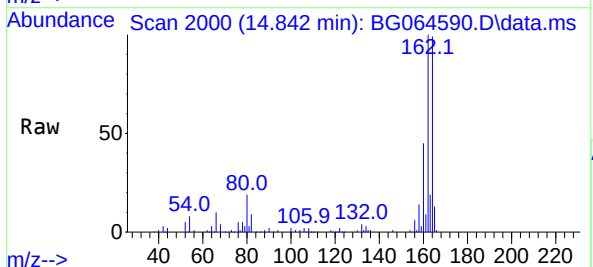
Instrument :
BNA_G
ClientSampleId :
TP-10

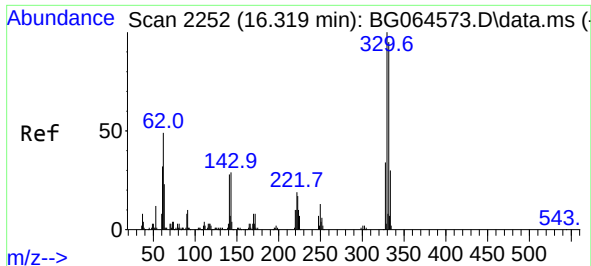
Tgt Ion: 82 Resp: 139263
Ion Ratio Lower Upper
82 100
128 39.0 31.3 46.9
54 73.3 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2000
Delta R.T. 0.000 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

Tgt Ion:164 Resp: 107594
Ion Ratio Lower Upper
164 100
162 101.3 77.0 115.6
160 45.8 34.4 51.6

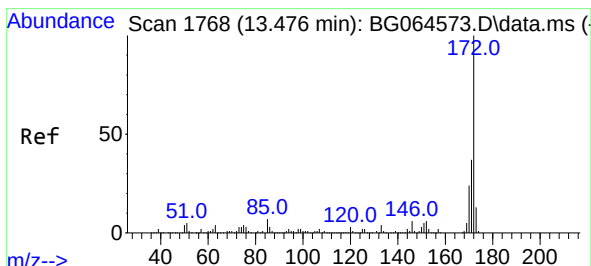
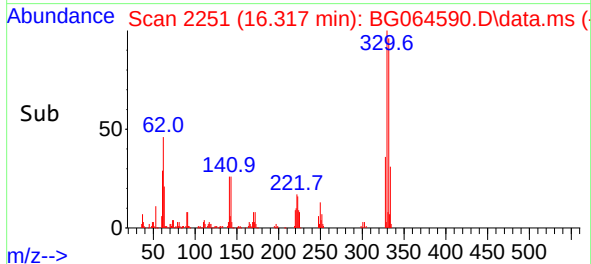
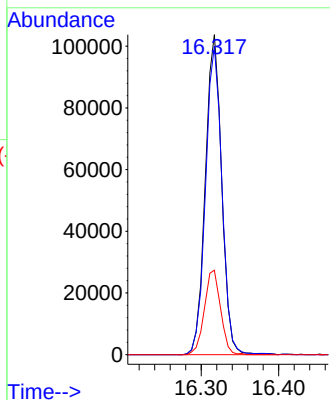
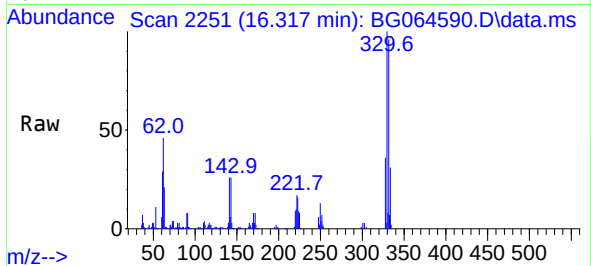




#42
2,4,6-Tribromophenol
Concen: 97.685 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

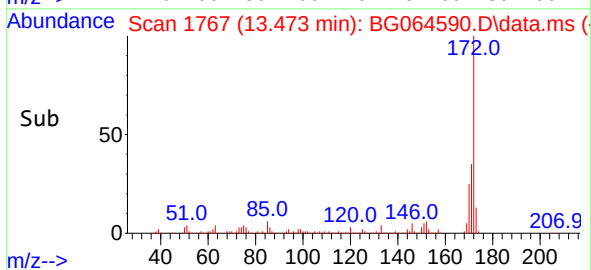
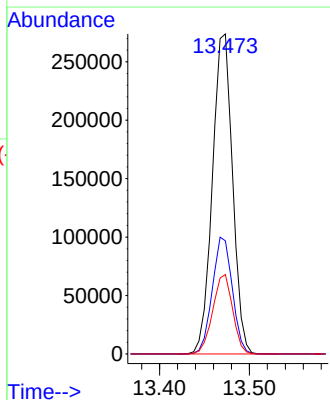
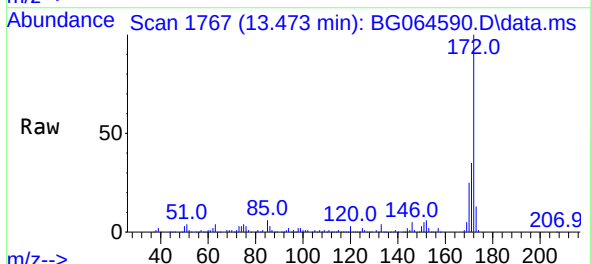
Instrument :
BNA_G
ClientSampleId :
TP-10

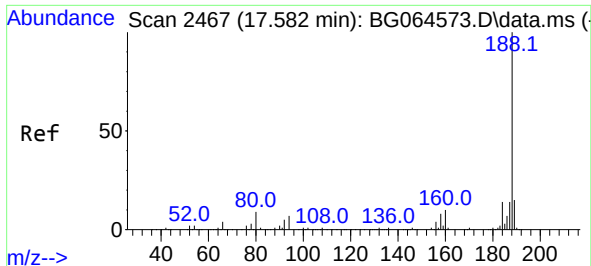
Tgt Ion:330 Resp: 151696
Ion Ratio Lower Upper
330 100
332 97.1 78.0 117.0
141 26.2 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 60.118 ng
RT: 13.473 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

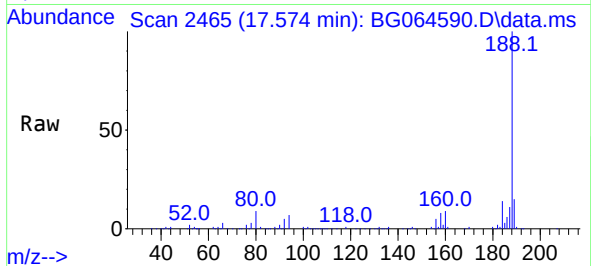
Tgt Ion:172 Resp: 426745
Ion Ratio Lower Upper
172 100
171 35.4 29.4 44.0
170 24.8 19.1 28.7



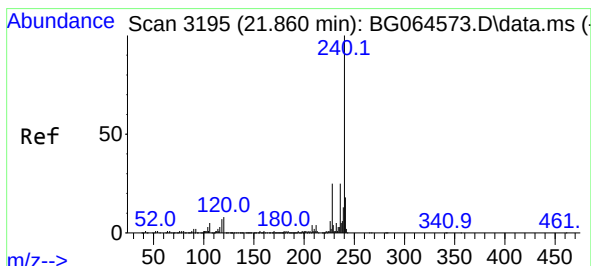
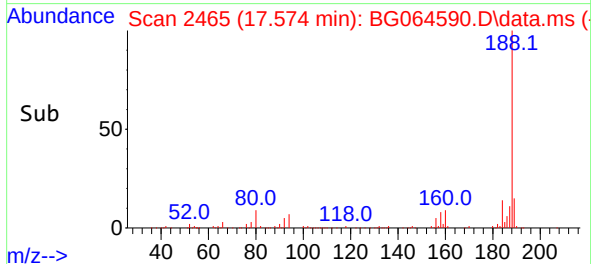
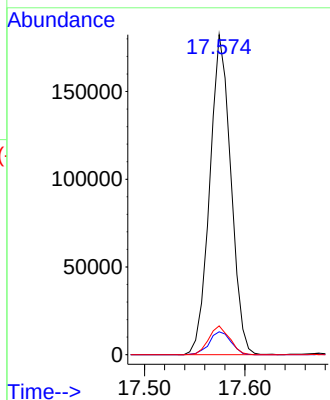


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

Instrument :
BNA_G
ClientSampleId :
TP-10

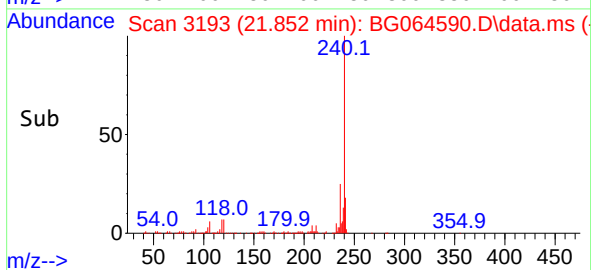
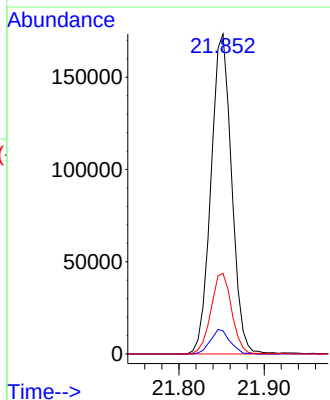
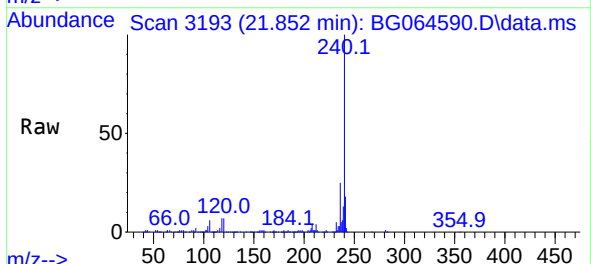


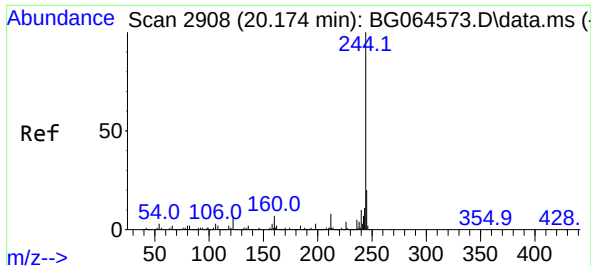
Tgt Ion:188 Resp: 266532
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.852 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064590.D
Acq: 27 Oct 2025 16:44

Tgt Ion:240 Resp: 291468
Ion Ratio Lower Upper
240 100
120 7.2 6.5 9.7
236 25.2 20.2 30.2

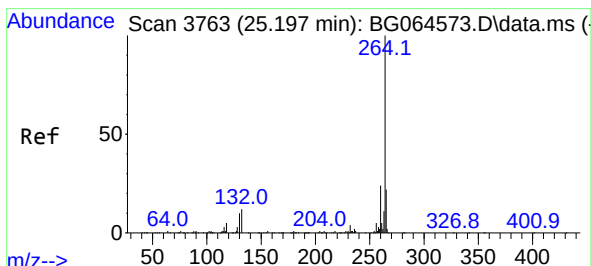
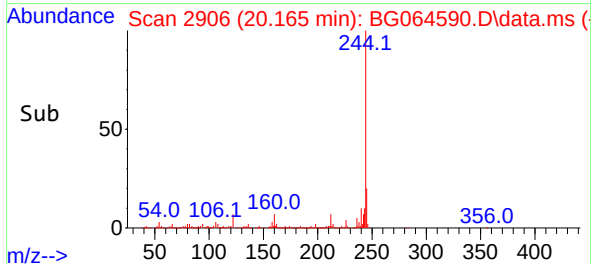
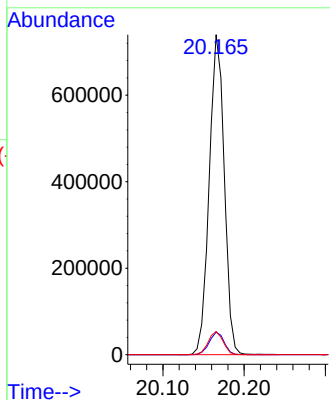
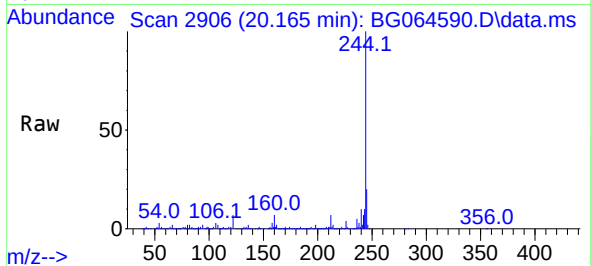




#79
 Terphenyl-d14
 Concen: 61.444 ng
 RT: 20.165 min Scan# 2908
 Delta R.T. -0.012 min
 Lab File: BG064590.D
 Acq: 27 Oct 2025 16:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-10

Tgt Ion:244 Resp: 948988
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 7.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.189 min Scan# 3761
 Delta R.T. -0.012 min
 Lab File: BG064590.D
 Acq: 27 Oct 2025 16:44

Tgt Ion:264 Resp: 307725
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.0 28.4
 265 21.2 17.6 26.4

