

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102725\
 Data File : BG064587.D
 Acq On : 27 Oct 2025 14:41
 Operator : RC/JU
 Sample : PB170246BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170246BL

Quant Time: Oct 27 15:18:16 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	8.220	152	42400	20.000	ng	0.00
21) Naphthalene-d8	11.046	136	160302	20.000	ng	0.00
39) Acenaphthene-d10	14.842	164	130540	20.000	ng	0.00
64) Phenanthrene-d10	17.574	188	336474	20.000	ng	0.00
76) Chrysene-d12	21.851	240	365644	20.000	ng	-0.01
86) Perylene-d12	25.194	264	385076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.747	112	416656	164.942	ng	0.00
7) Phenol-d6	7.351	99	488227	140.850	ng	0.00
23) Nitrobenzene-d5	9.384	82	279521	104.732	ng	0.00
42) 2,4,6-Tribromophenol	16.317	330	296769	157.514	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	794180	92.215	ng	0.00
79) Terphenyl-d14	20.171	244	1828173	94.356	ng	0.00

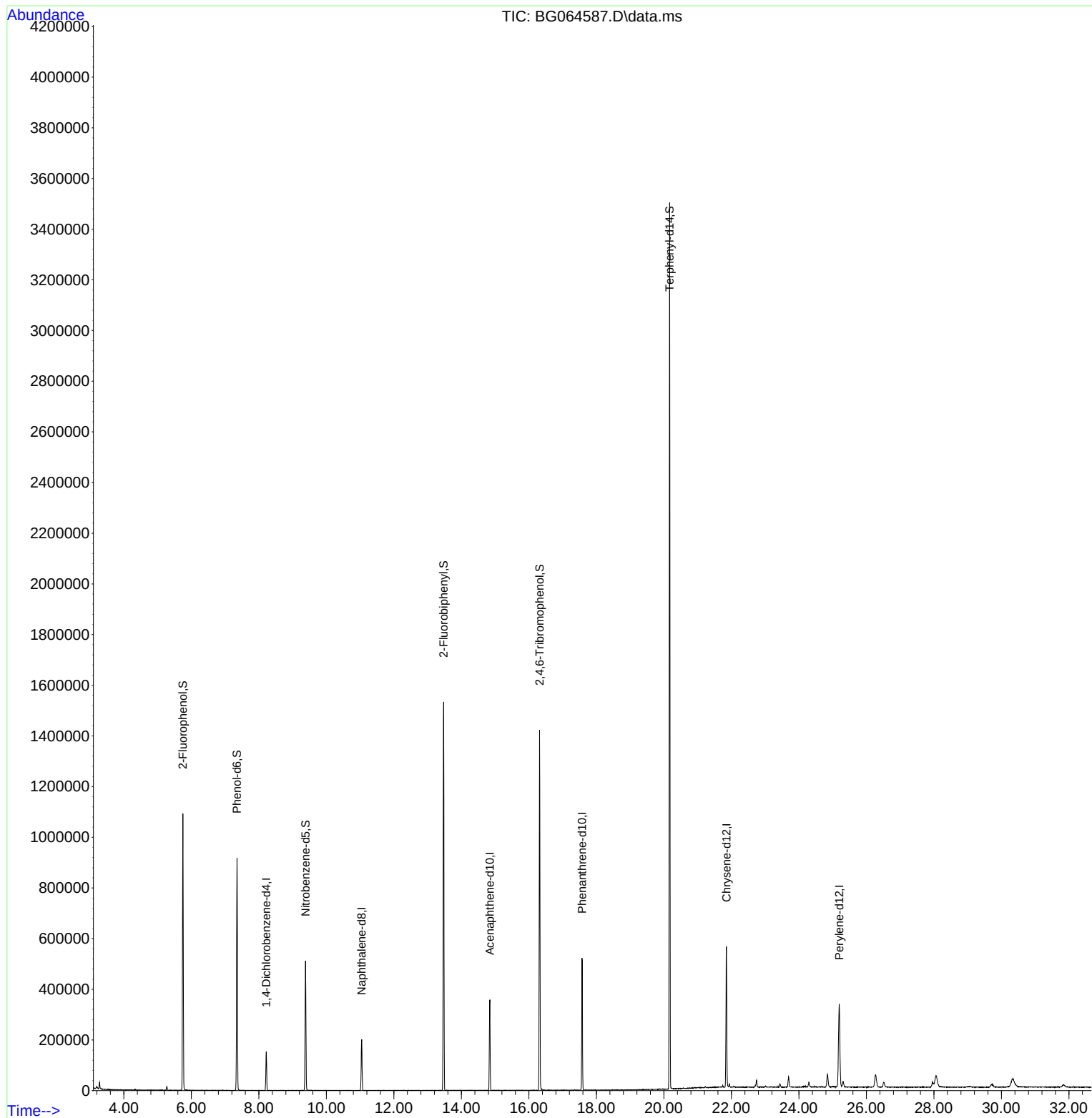
Target Compounds	Qvalue

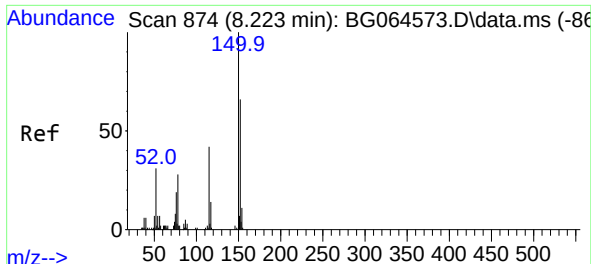
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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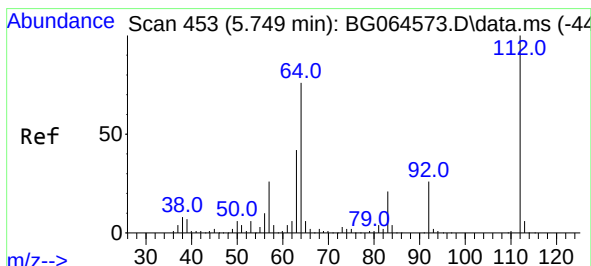
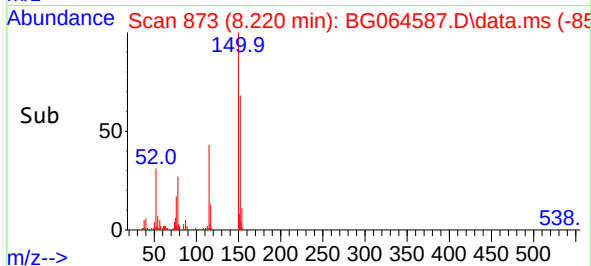
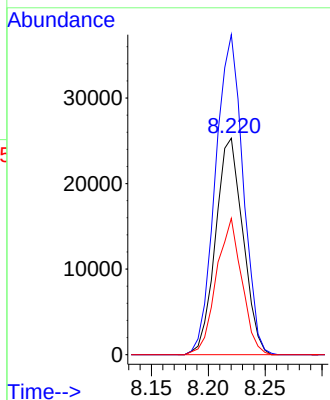
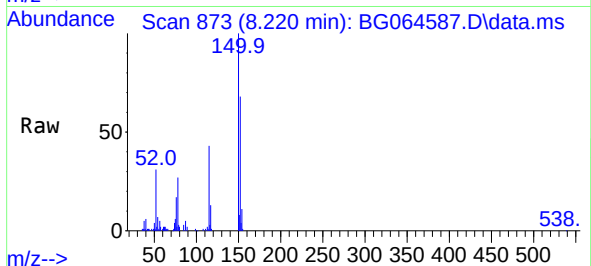




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

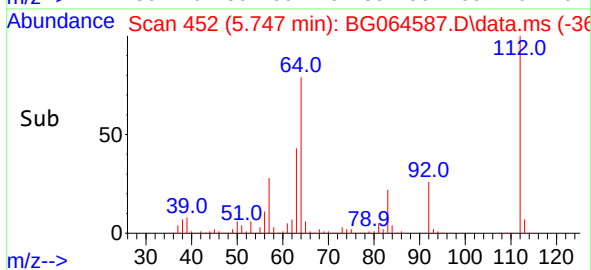
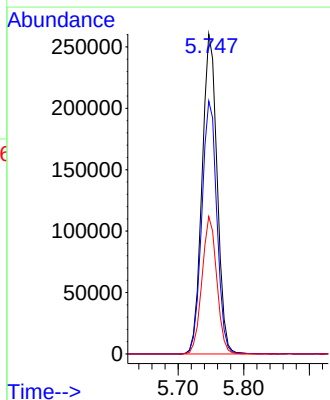
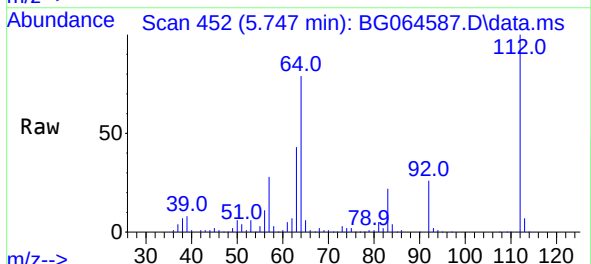
Instrument :
BNA_G
ClientSampleId :
PB170246BL

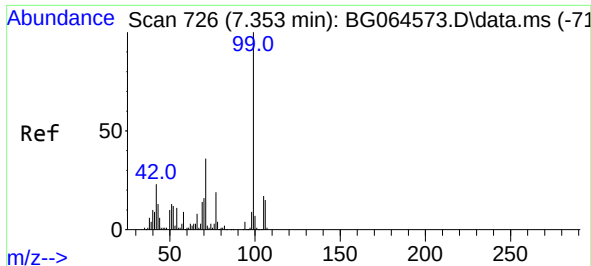
Tgt Ion:152 Resp: 42400
Ion Ratio Lower Upper
152 100
150 147.8 122.2 183.4
115 63.0 50.8 76.2



#5
2-Fluorophenol
Concen: 164.942 ng
RT: 5.747 min Scan# 452
Delta R.T. -0.000 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Tgt Ion:112 Resp: 416656
Ion Ratio Lower Upper
112 100
64 79.1 60.7 91.1
63 43.0 33.4 50.0

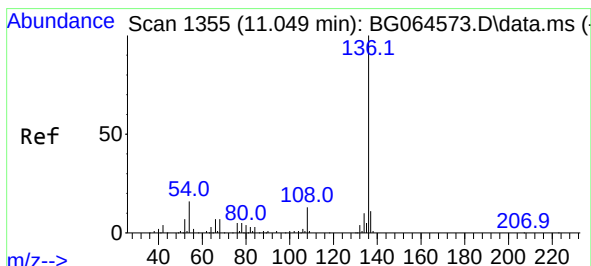
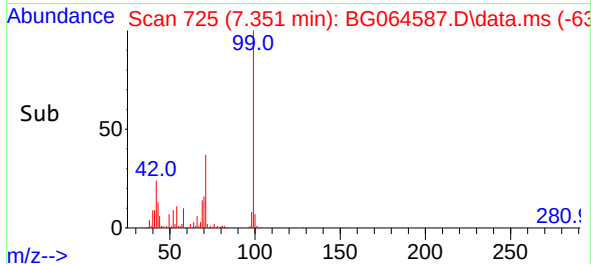
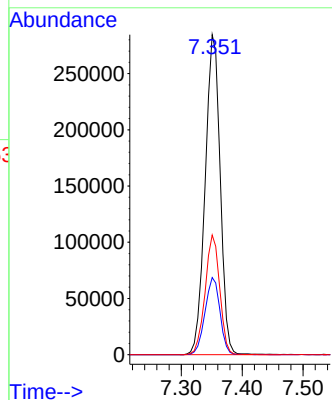
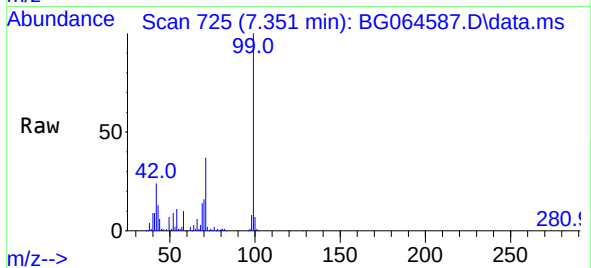




#7
Phenol-d6
Concen: 140.850 ng
RT: 7.351 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

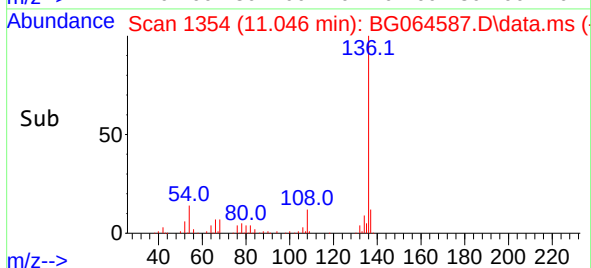
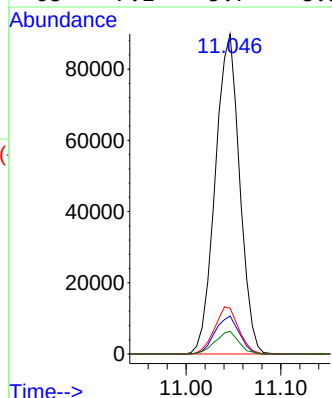
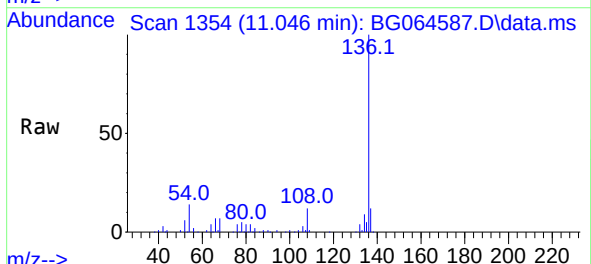
Instrument :
BNA_G
ClientSampleId :
PB170246BL

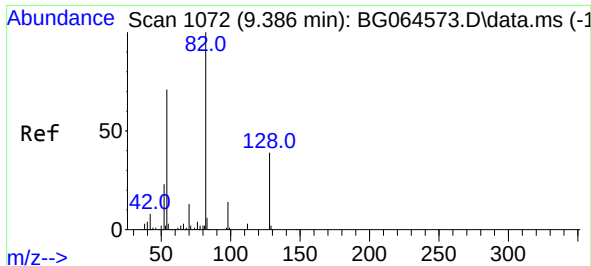
Tgt Ion: 99 Resp: 488227
Ion Ratio Lower Upper
99 100
42 24.1 18.3 27.5
71 37.4 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.046 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Tgt Ion:136 Resp: 160302
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 14.3 12.6 19.0
68 7.1 5.7 8.5

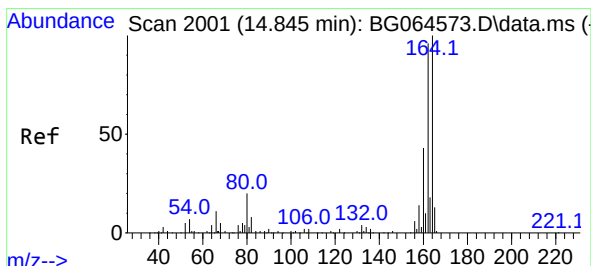
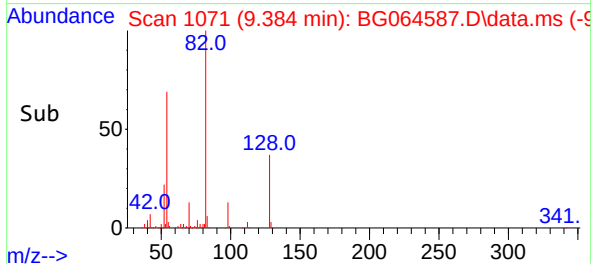
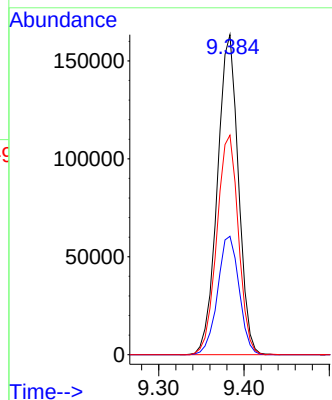
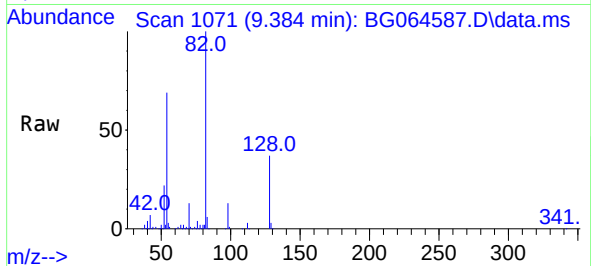




#23
Nitrobenzene-d5
Concen: 104.732 ng
RT: 9.384 min Scan# 1072
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

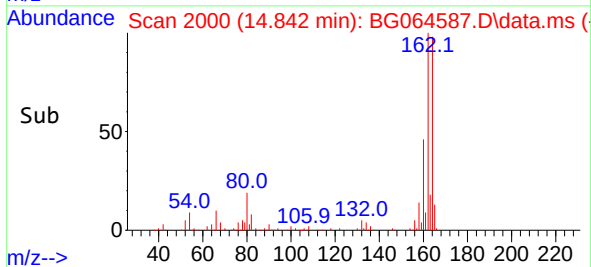
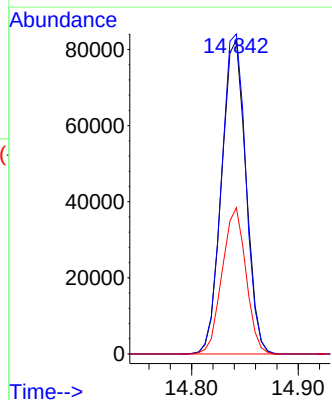
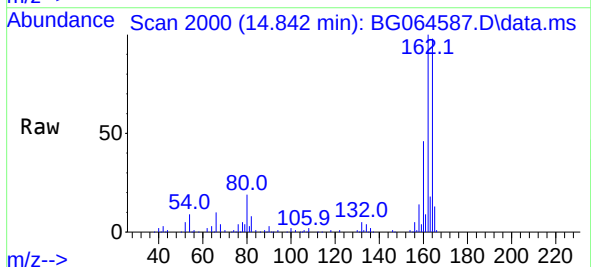
Instrument :
BNA_G
ClientSampleId :
PB170246BL

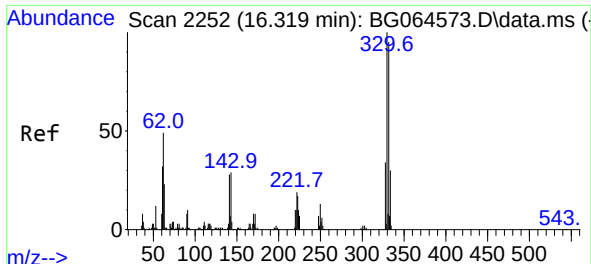
Tgt Ion: 82 Resp: 279521
Ion Ratio Lower Upper
82 100
128 37.0 31.3 46.9
54 68.6 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.842 min Scan# 2000
Delta R.T. -0.000 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Tgt Ion:164 Resp: 130540
Ion Ratio Lower Upper
164 100
162 101.9 77.0 115.6
160 46.6 34.4 51.6

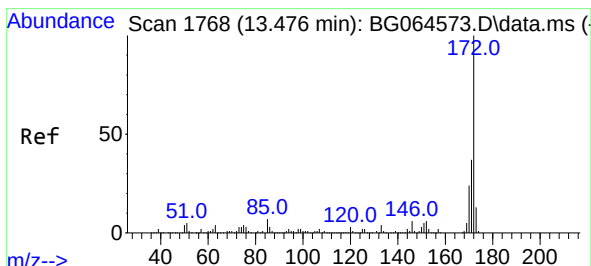
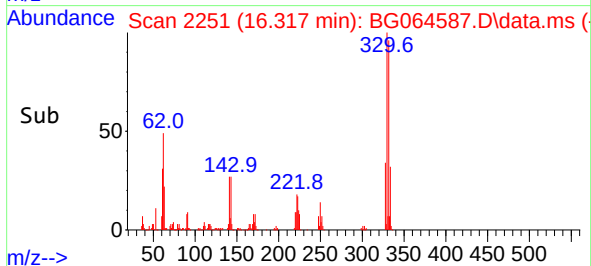
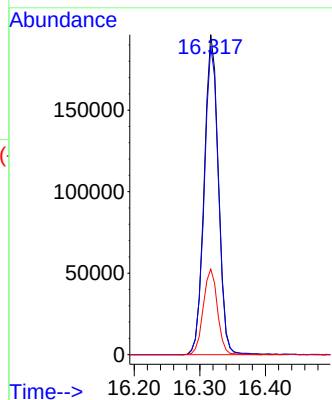
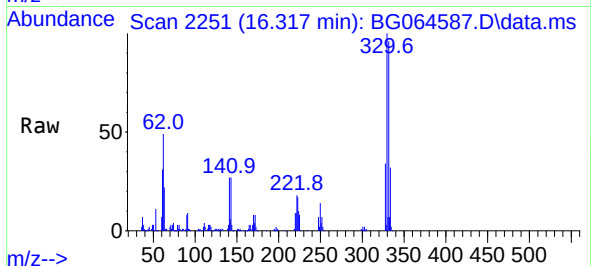




#42
2,4,6-Tribromophenol
Concen: 157.514 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

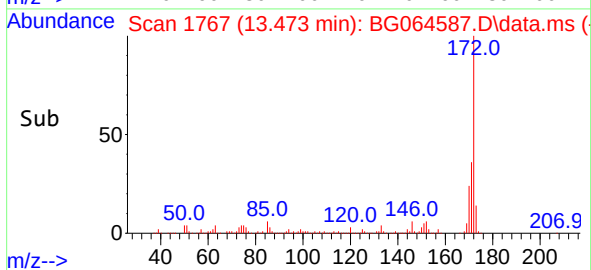
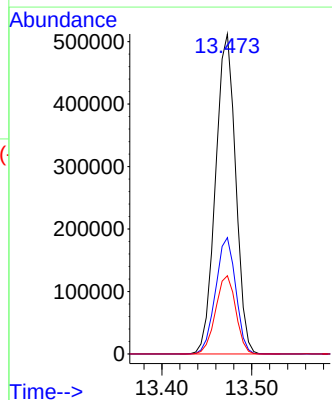
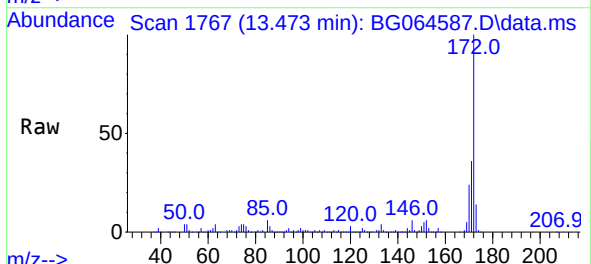
Instrument :
BNA_G
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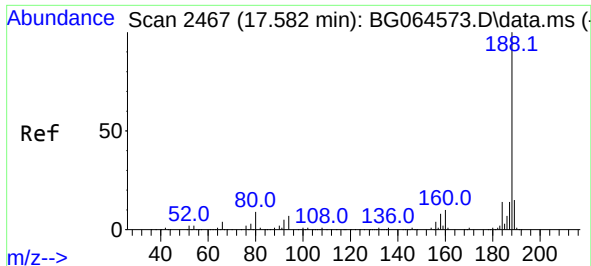
Tgt Ion:330 Resp: 296769
Ion Ratio Lower Upper
330 100
332 96.3 78.0 117.0
141 26.6 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 92.215 ng
RT: 13.473 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

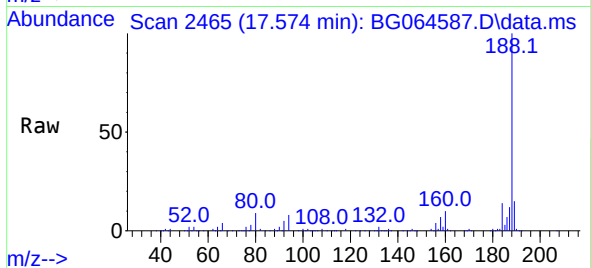
Tgt Ion:172 Resp: 794180
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 19.1 28.7



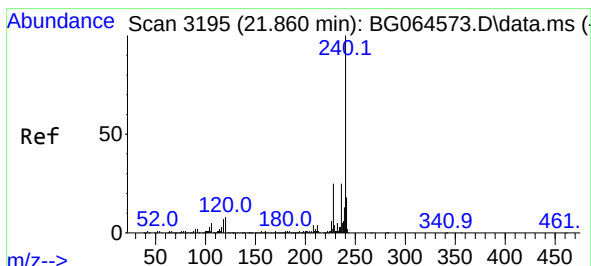
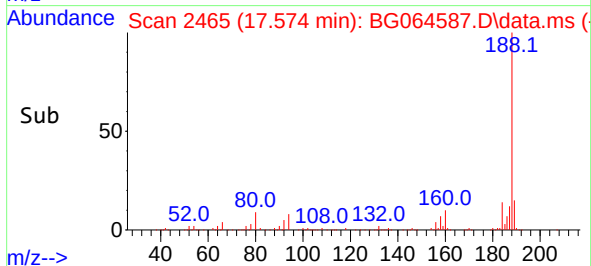
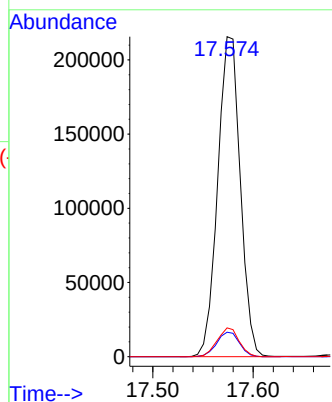


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.574 min Scan# 2465
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Instrument :
BNA_G
ClientSampleId :
PB170246BL

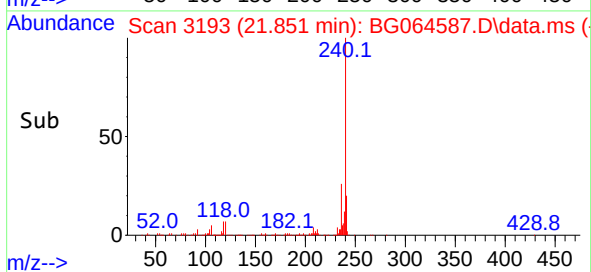
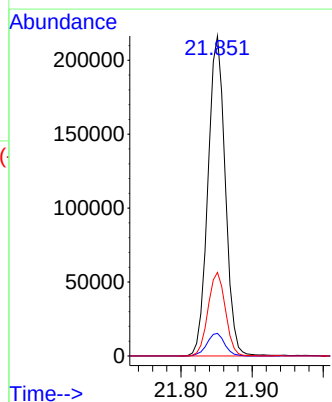
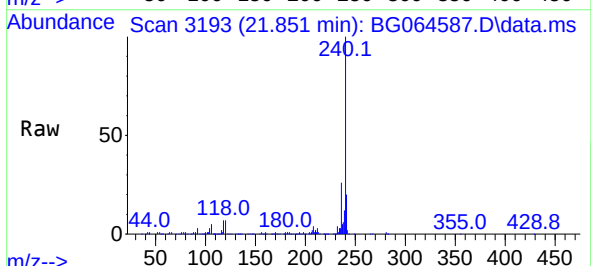


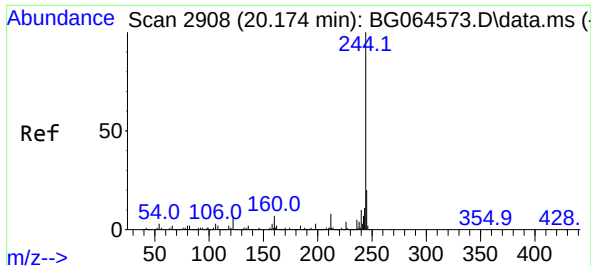
Tgt Ion:188 Resp: 336474
Ion Ratio Lower Upper
188 100
94 7.7 5.7 8.5
80 9.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.851 min Scan# 3193
Delta R.T. -0.012 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Tgt Ion:240 Resp: 365644
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 26.1 20.2 30.2

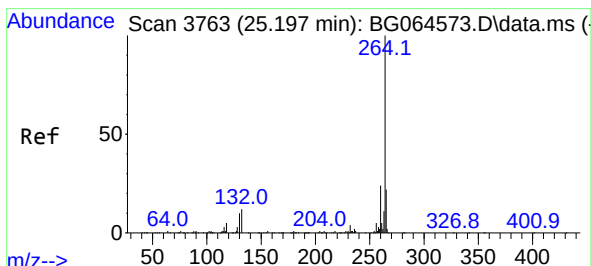
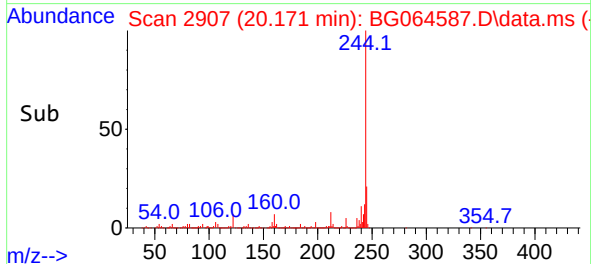
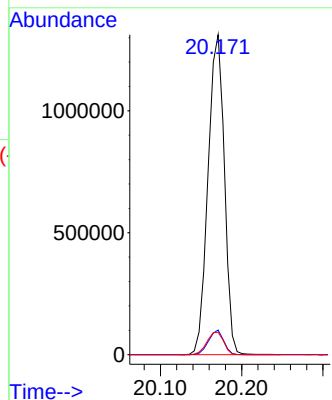
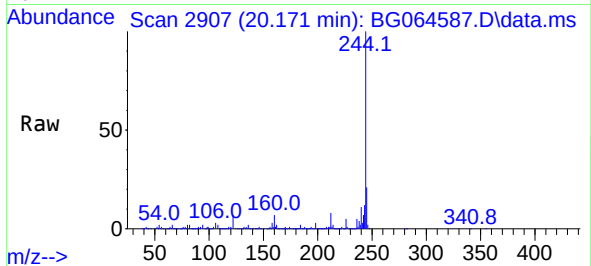




#79
Terphenyl-d14
Concen: 94.356 ng
RT: 20.171 min Scan# 2907
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Instrument :
BNA_G
ClientSampleId :
PB170246BL

Tgt Ion:244 Resp: 1828173
Ion Ratio Lower Upper
244 100
212 7.7 6.1 9.1
122 7.0 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 3762
Delta R.T. -0.006 min
Lab File: BG064587.D
Acq: 27 Oct 2025 14:41

Tgt Ion:264 Resp: 385076
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 21.4 17.6 26.4

