

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111425\
 Data File : BG064776.D
 Acq On : 14 Nov 2025 12:20
 Operator : RC/JU
 Sample : PB170551BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170551BL

Quant Time: Nov 14 12:57:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.154	152	43600	20.000	ng	-0.01
21) Naphthalene-d8	10.975	136	168282	20.000	ng	-0.01
39) Acenaphthene-d10	14.770	164	133330	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	350996	20.000	ng	0.00
76) Chrysene-d12	21.750	240	510470	20.000	ng	0.00
86) Perylene-d12	25.011	264	495384	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	290179	116.219	ng	0.00
7) Phenol-d6	7.303	99	381394	114.847	ng	0.00
23) Nitrobenzene-d5	9.318	82	236675	69.537	ng	-0.01
42) 2,4,6-Tribromophenol	16.245	330	279001	107.294	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	674416	70.580	ng	0.00
79) Terphenyl-d14	20.088	244	1914527	73.776	ng	0.00

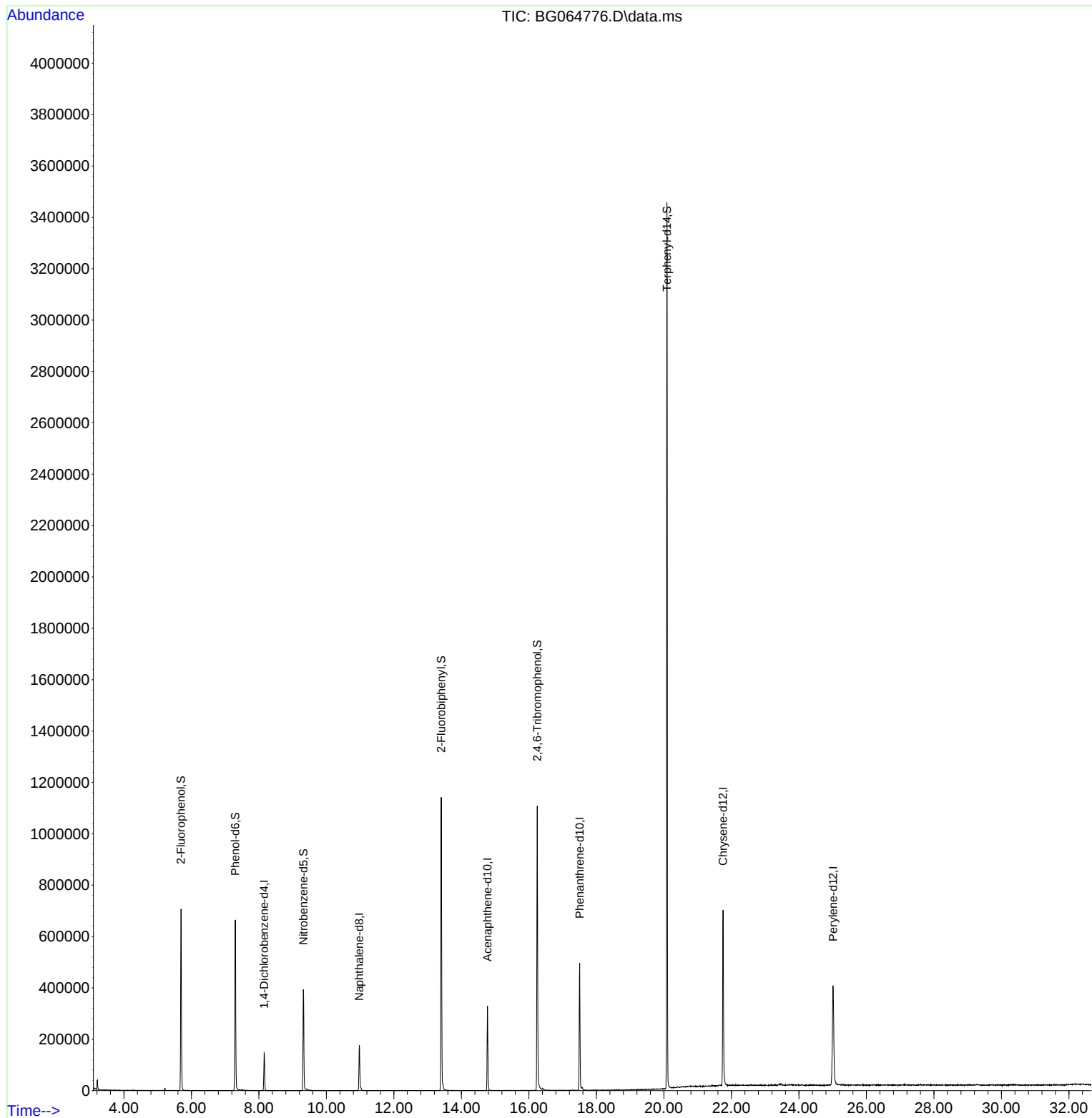
Target Compounds	Qvalue

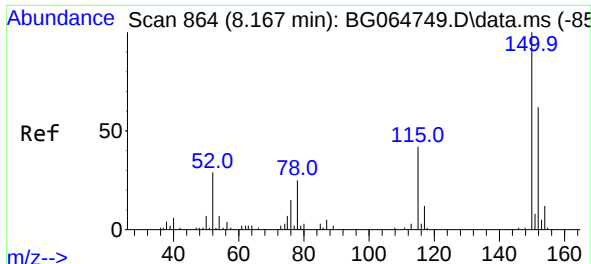
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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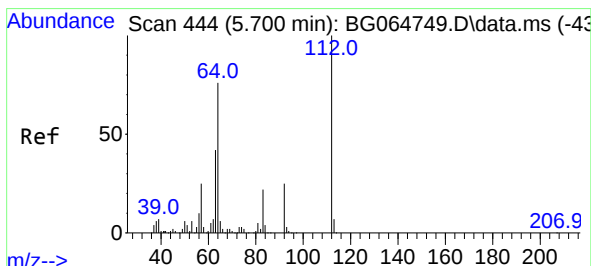
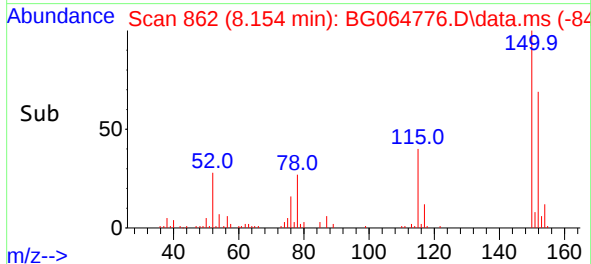
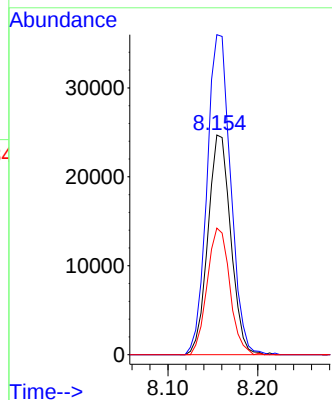
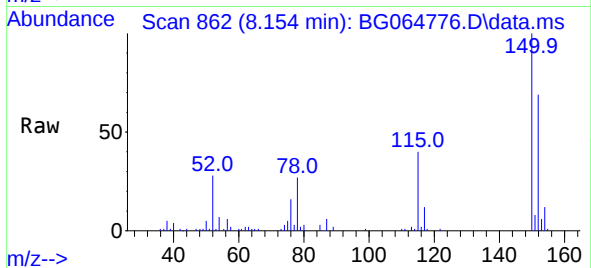




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.154 min Scan# 80
Delta R.T. -0.013 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

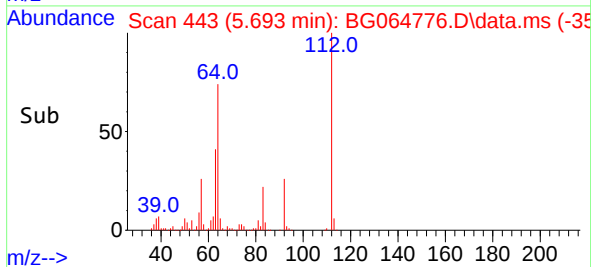
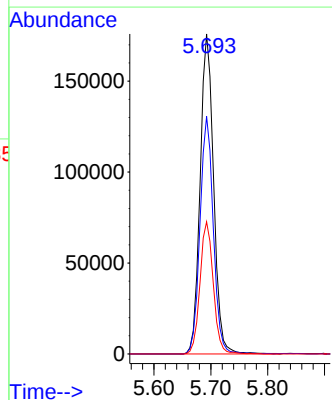
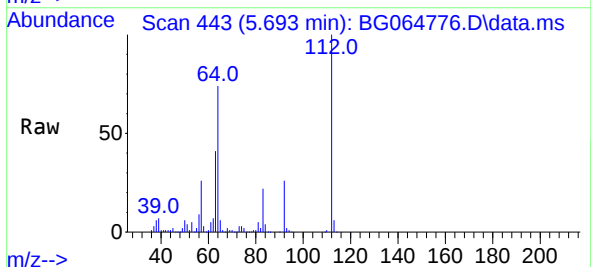
Instrument :
BNA_G
ClientSampleId :
PB170551BL

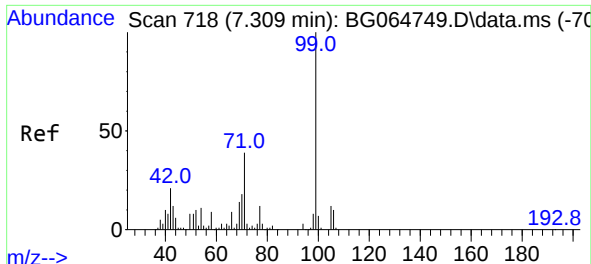
Tgt Ion:152 Resp: 43600
Ion Ratio Lower Upper
152 100
150 145.6 129.2 193.8
115 57.6 53.7 80.5



#5
2-Fluorophenol
Concen: 116.219 ng
RT: 5.693 min Scan# 443
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

Tgt Ion:112 Resp: 290179
Ion Ratio Lower Upper
112 100
64 74.2 61.0 91.4
63 41.3 33.3 49.9

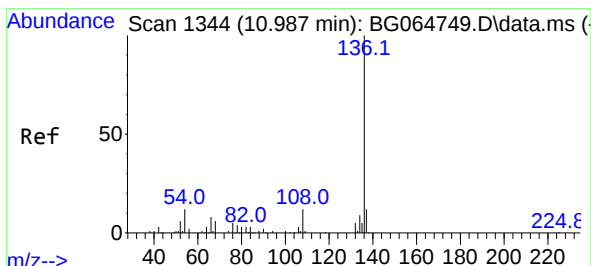
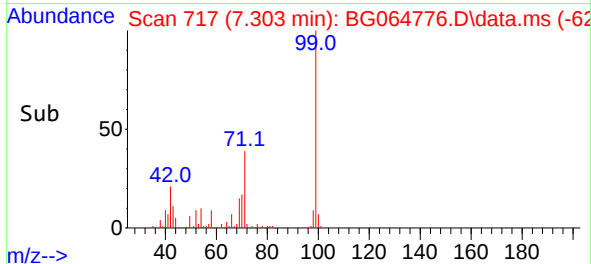
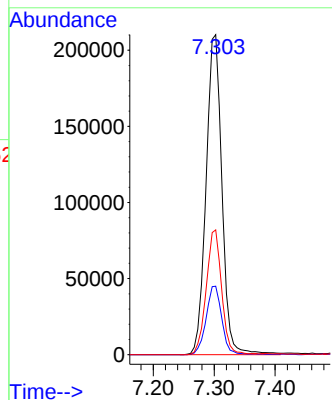
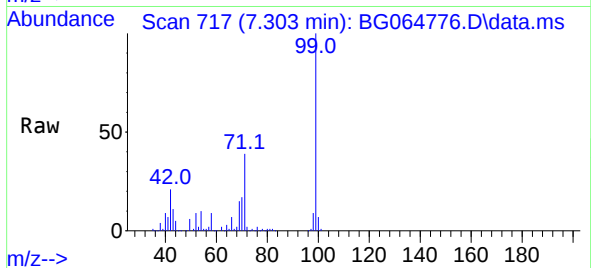




#7
Phenol-d6
Concen: 114.847 ng
RT: 7.303 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

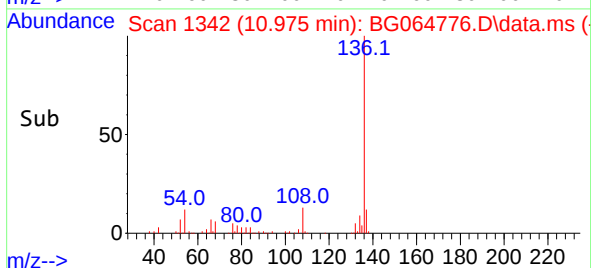
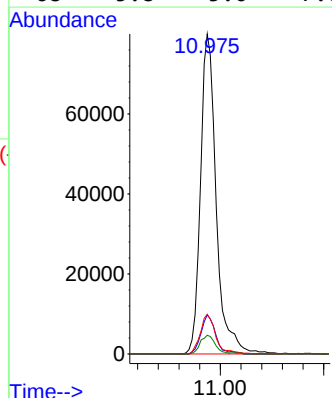
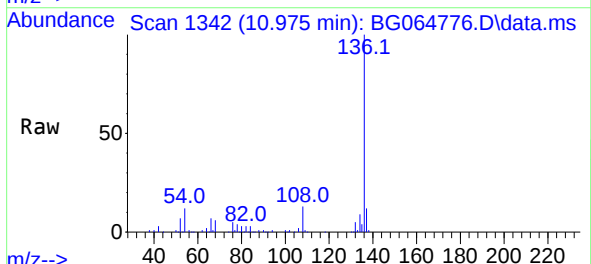
Instrument :
BNA_G
ClientSampleId :
PB170551BL

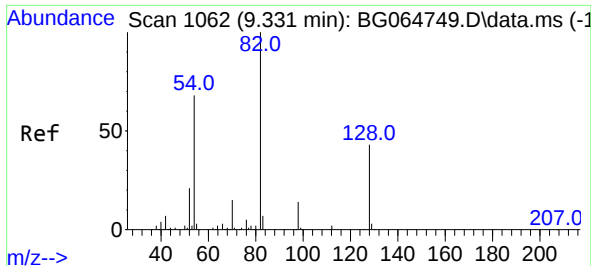
Tgt Ion: 99 Resp: 381394
Ion Ratio Lower Upper
99 100
42 21.4 16.8 25.2
71 39.0 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 1342
Delta R.T. -0.012 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

Tgt Ion: 136 Resp: 168282
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 12.4 9.3 13.9
68 5.8 5.0 7.6

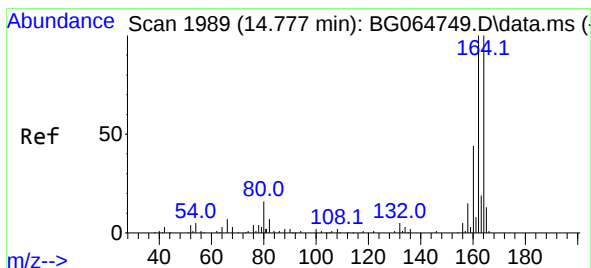
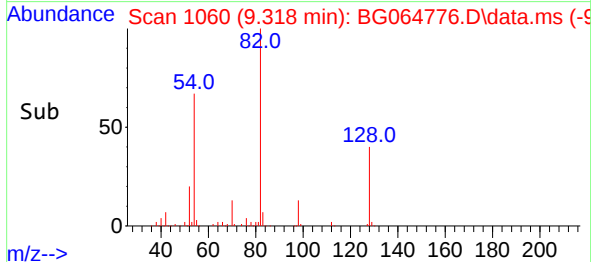
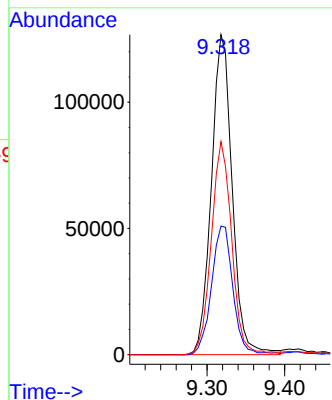
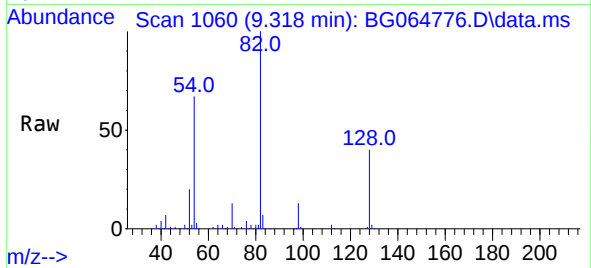




#23
Nitrobenzene-d5
Concen: 69.537 ng
RT: 9.318 min Scan# 1060
Delta R.T. -0.013 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

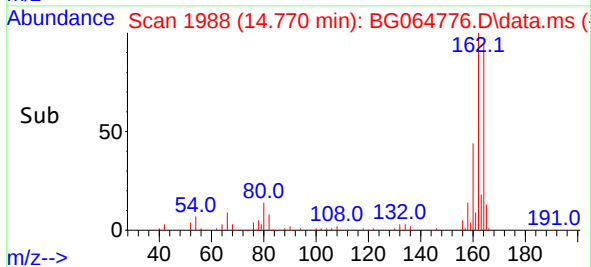
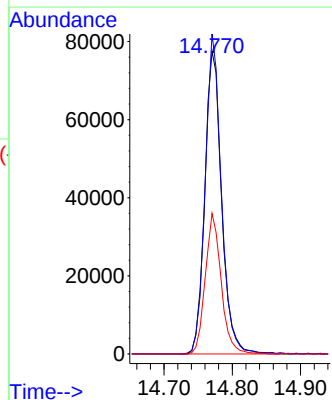
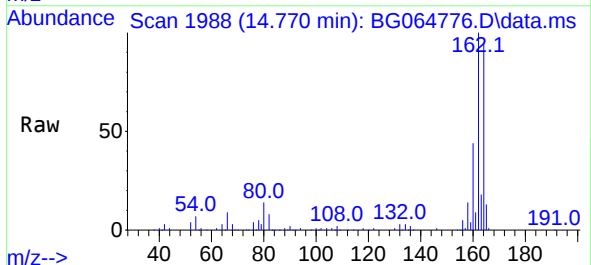
Instrument :
BNA_G
ClientSampleId :
PB170551BL

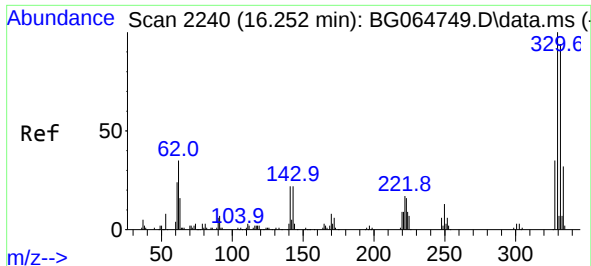
Tgt Ion: 82 Resp: 236675
Ion Ratio Lower Upper
82 100
128 40.2 34.1 51.1
54 66.6 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.770 min Scan# 1988
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

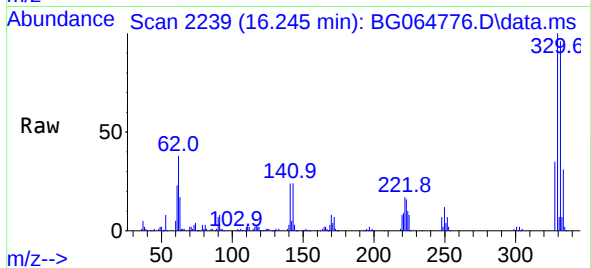
Tgt Ion: 164 Resp: 133330
Ion Ratio Lower Upper
164 100
162 105.7 79.8 119.6
160 46.4 34.9 52.3



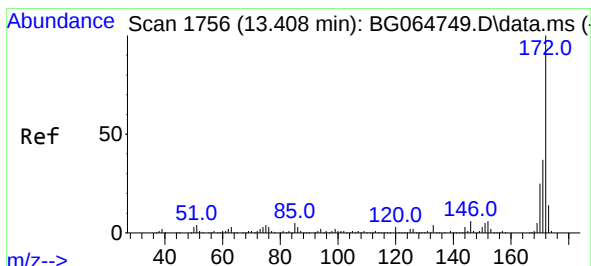
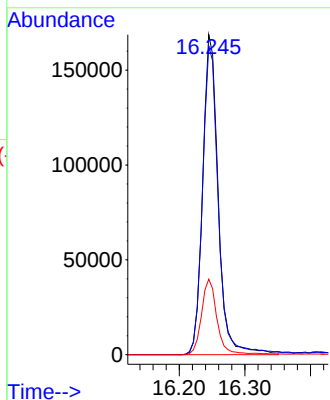
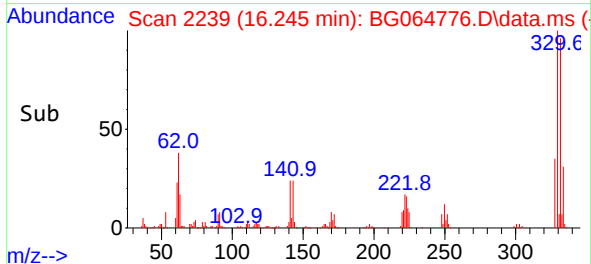


#42
2,4,6-Tribromophenol
Concen: 107.294 ng
RT: 16.245 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

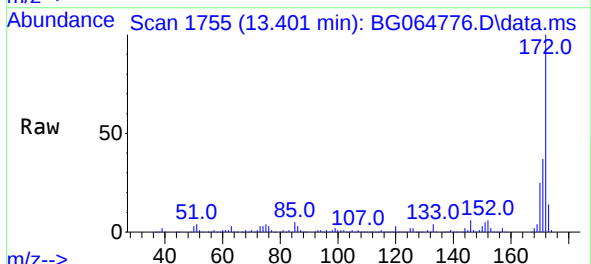
Instrument :
BNA_G
ClientSampleId :
PB170551BL



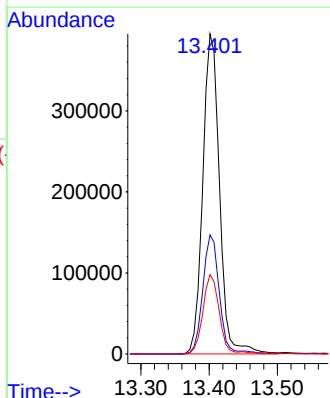
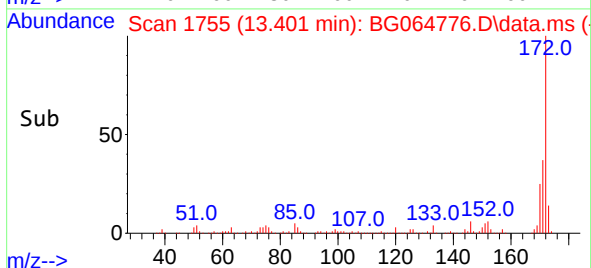
Tgt Ion:330 Resp: 279001
Ion Ratio Lower Upper
330 100
332 98.4 77.0 115.6
141 23.7 18.2 27.2

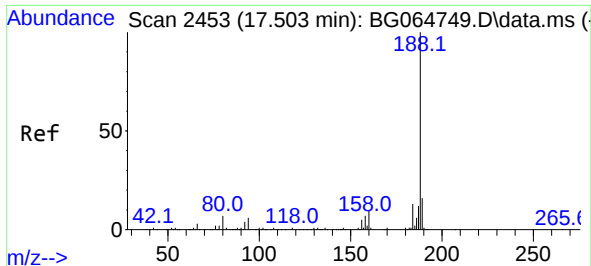


#45
2-Fluorobiphenyl
Concen: 70.580 ng
RT: 13.401 min Scan# 1755
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20



Tgt Ion:172 Resp: 674416
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 24.8 19.8 29.6

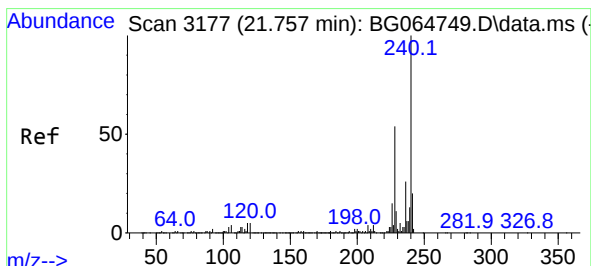
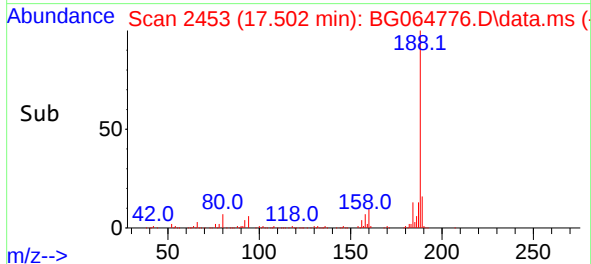
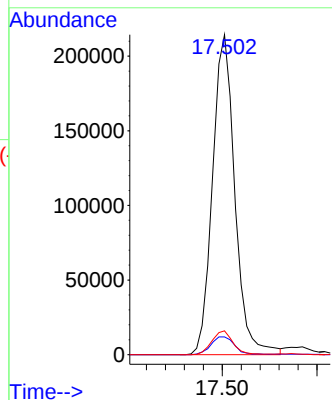
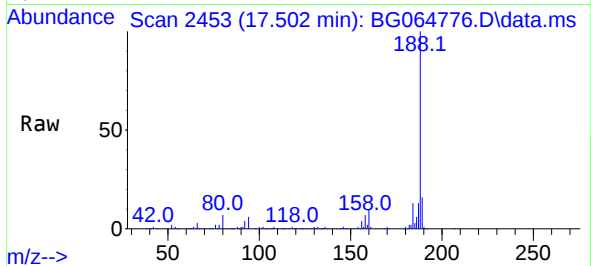




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.001 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

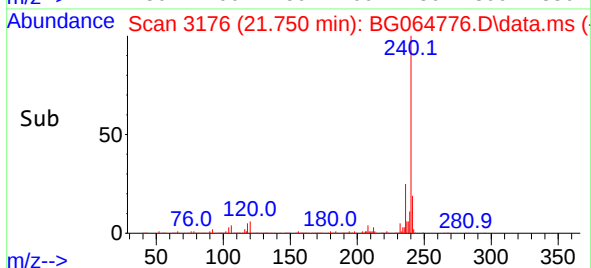
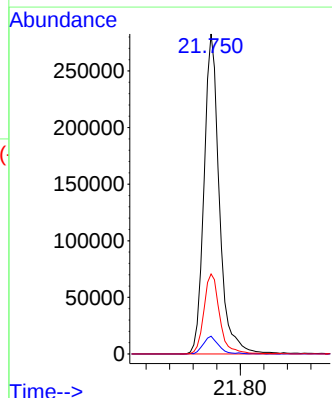
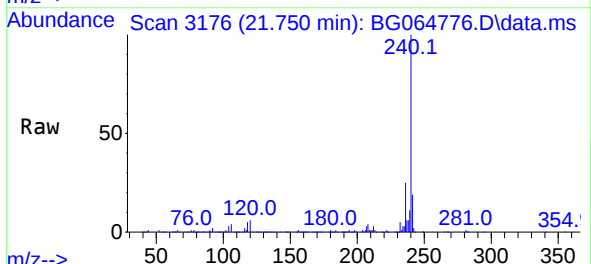
Instrument :
BNA_G
ClientSampleId :
PB170551BL

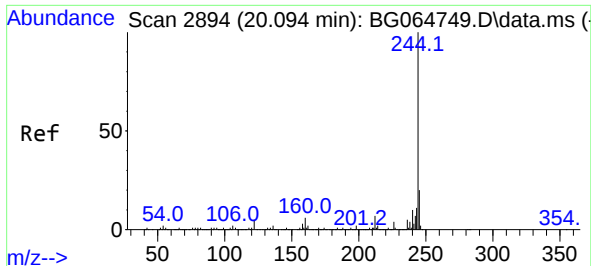
Tgt Ion:188 Resp: 350996
Ion Ratio Lower Upper
188 100
94 5.5 4.7 7.1
80 7.4 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.750 min Scan# 3176
Delta R.T. -0.007 min
Lab File: BG064776.D
Acq: 14 Nov 2025 12:20

Tgt Ion:240 Resp: 510470
Ion Ratio Lower Upper
240 100
120 5.5 4.2 6.4
236 25.0 20.8 31.2

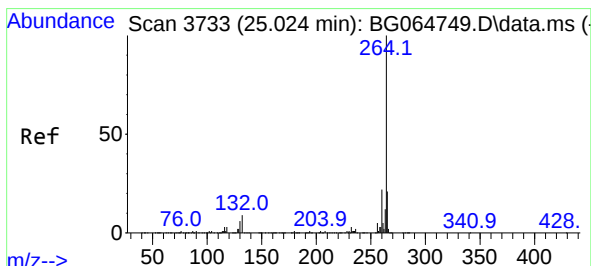
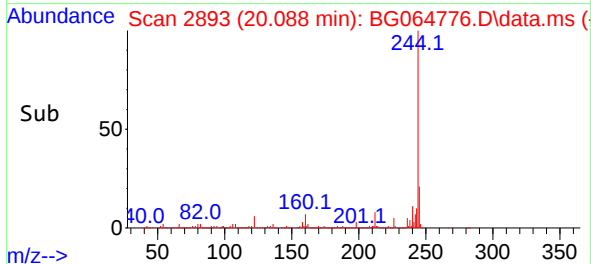
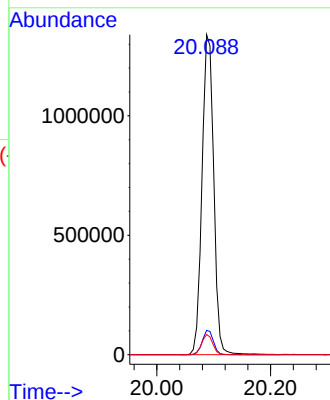
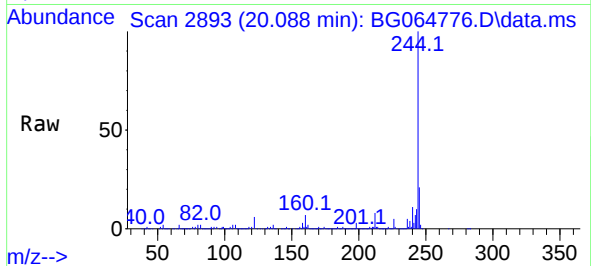




#79
 Terphenyl-d14
 Concen: 73.776 ng
 RT: 20.088 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG064776.D
 Acq: 14 Nov 2025 12:20

Instrument :
 BNA_G
 ClientSampleId :
 PB170551BL

Tgt Ion:244 Resp: 1914527
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.8 8.6
 122 6.3 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3731
 Delta R.T. -0.013 min
 Lab File: BG064776.D
 Acq: 14 Nov 2025 12:20

Tgt Ion:264 Resp: 495384
 Ion Ratio Lower Upper
 264 100
 260 24.1 17.2 25.8
 265 22.5 16.6 25.0

