

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110325\
 Data File : BG064675.D
 Acq On : 3 Nov 2025 16:38
 Operator : RC/JU
 Sample : PB170216BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170216BL

Quant Time: Nov 04 00:43:14 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	8.208	152	35344	20.000	ng	-0.01
21) Naphthalene-d8	11.034	136	128956	20.000	ng	-0.01
39) Acenaphthene-d10	14.830	164	100482	20.000	ng	-0.01
64) Phenanthrene-d10	17.568	188	255711	20.000	ng	-0.01
76) Chrysene-d12	21.839	240	322524	20.000	ng	-0.02
86) Perylene-d12	25.177	264	339110	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.740	112	218909	103.960	ng	0.00
7) Phenol-d6	7.350	99	275625	95.390	ng	0.00
23) Nitrobenzene-d5	9.371	82	179125	83.429	ng	-0.01
42) 2,4,6-Tribromophenol	16.310	330	182166	125.609	ng	0.00
45) 2-Fluorobiphenyl	13.461	172	491308	74.113	ng	-0.01
79) Terphenyl-d14	20.159	244	1297795	75.937	ng	-0.01

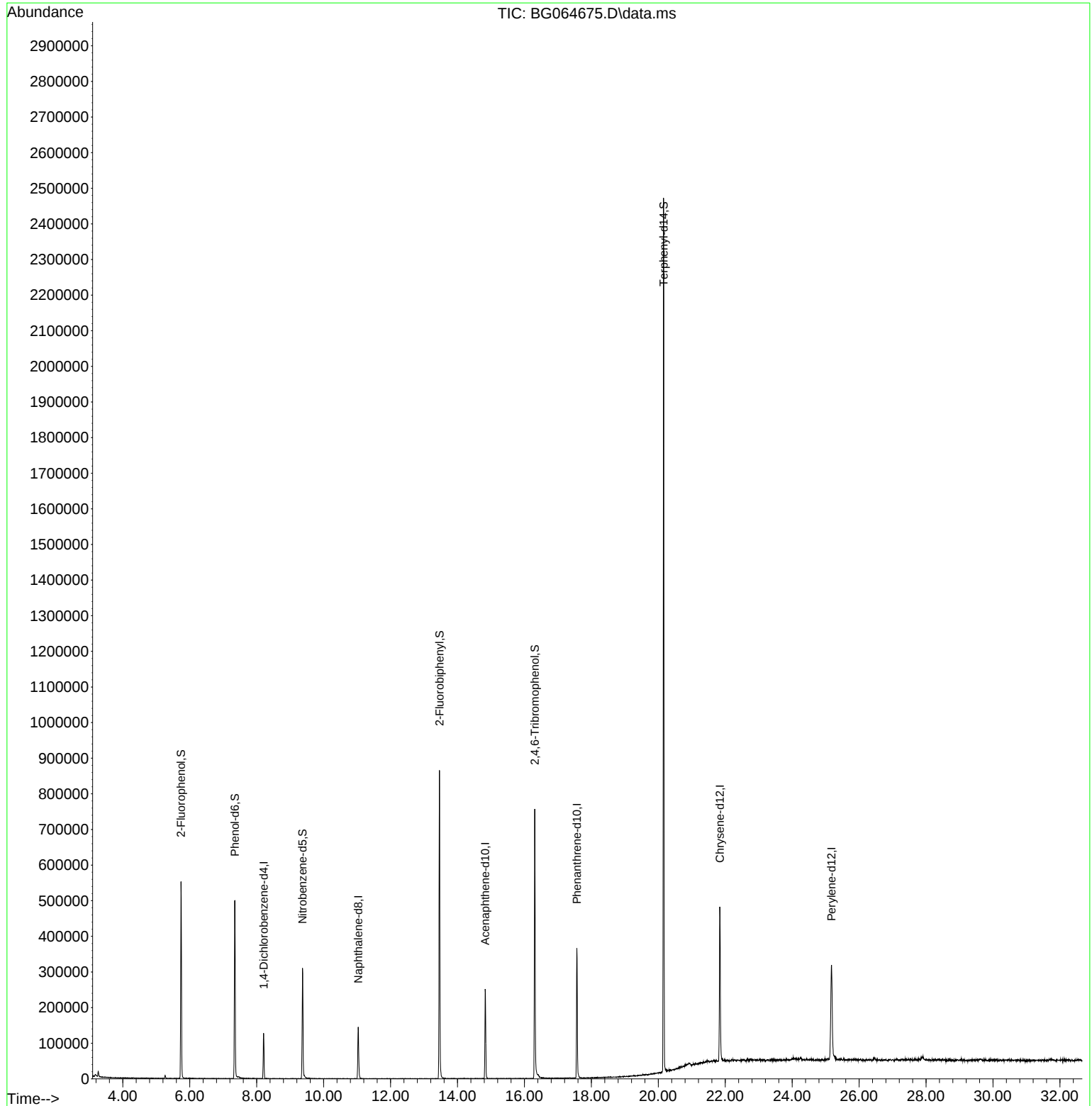
Target Compounds	Qvalue

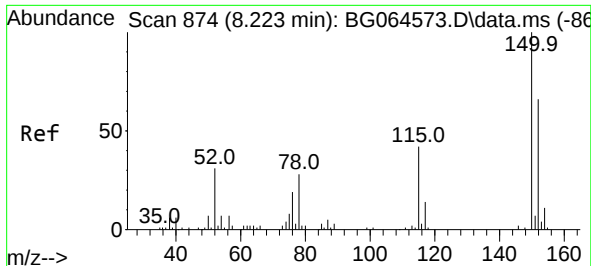
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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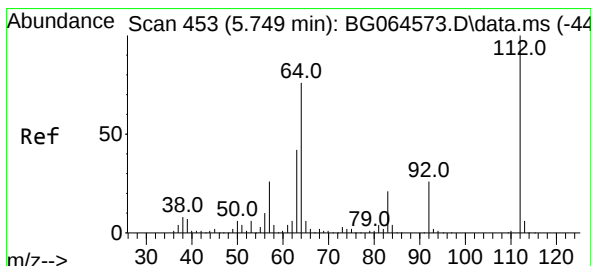
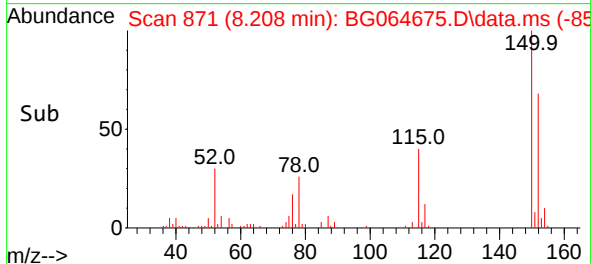
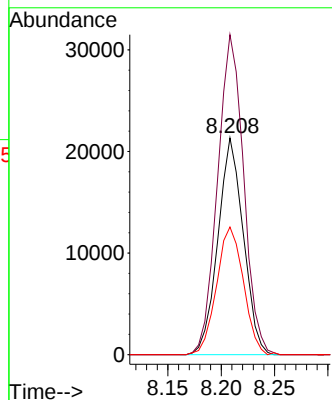
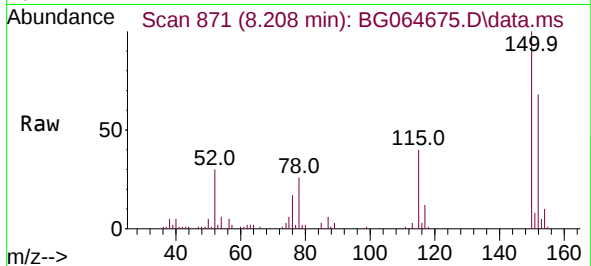




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.208 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

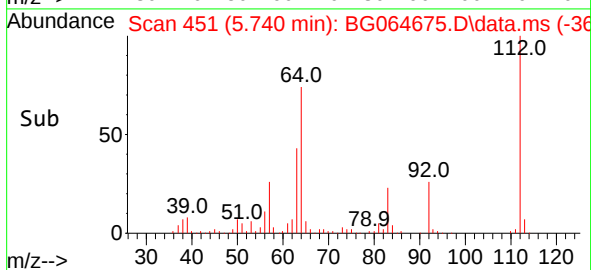
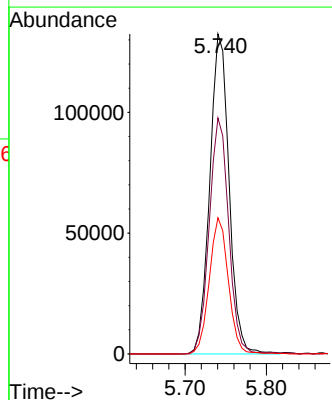
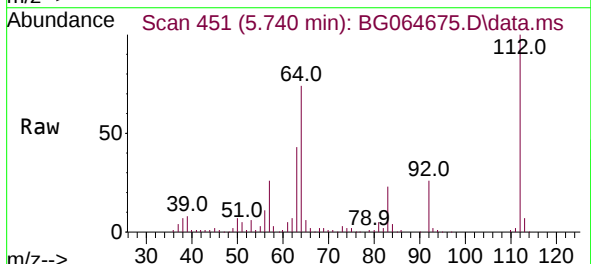
Instrument :
BNA_G
ClientSampleId :
PB170216BL

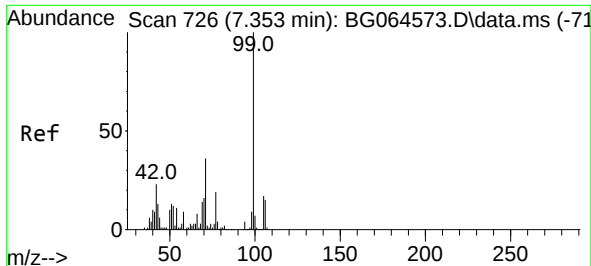
Tgt Ion:152 Resp: 35344
Ion Ratio Lower Upper
152 100
150 147.7 122.2 183.4
115 58.9 50.8 76.2



#5
2-Fluorophenol
Concen: 103.960 ng
RT: 5.740 min Scan# 451
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion:112 Resp: 218909
Ion Ratio Lower Upper
112 100
64 73.7 60.7 91.1
63 42.5 33.4 50.0

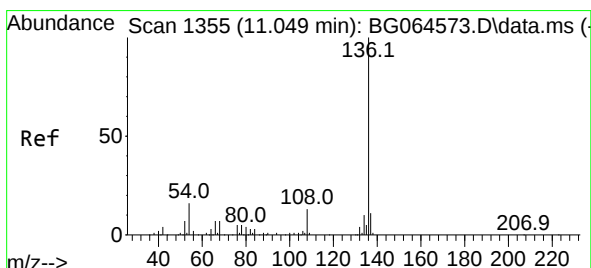
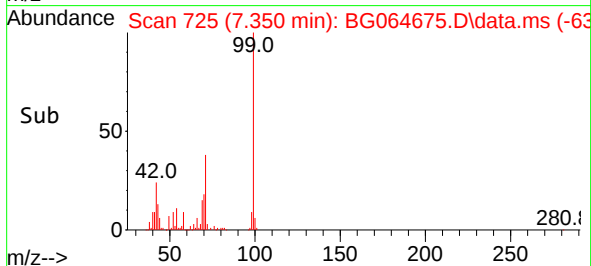
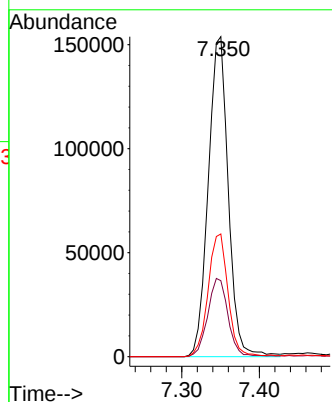
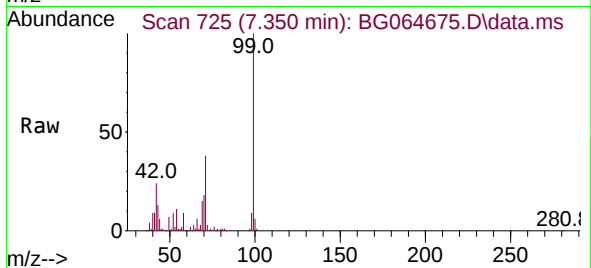




#7
Phenol-d6
Concen: 95.390 ng
RT: 7.350 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

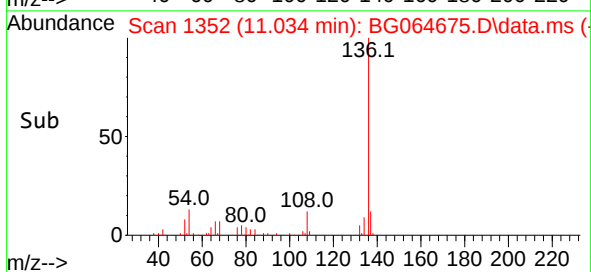
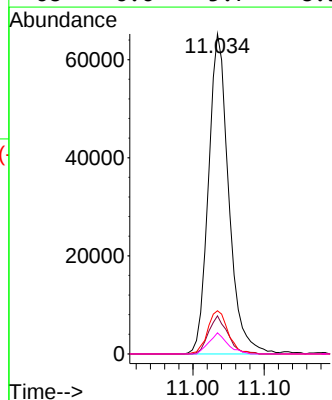
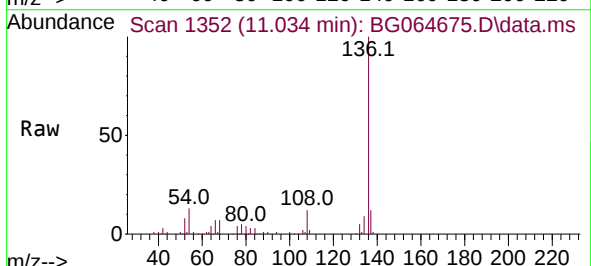
Instrument :
BNA_G
ClientSampleId :
PB170216BL

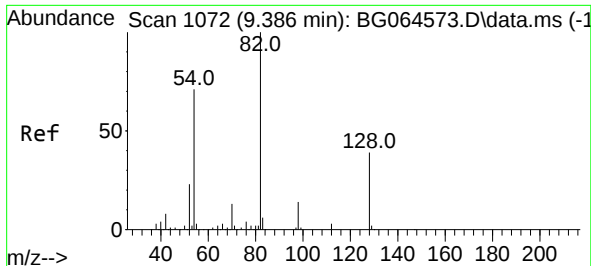
Tgt Ion: 99 Resp: 275625
Ion Ratio Lower Upper
99 100
42 23.7 18.3 27.5
71 38.3 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.034 min Scan# 1352
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

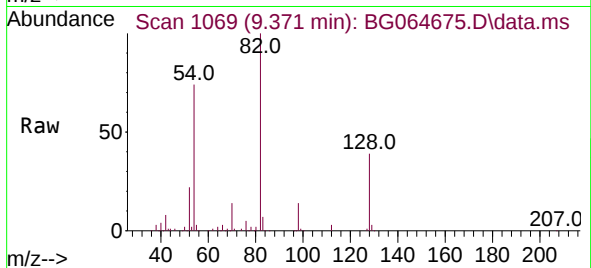
Tgt Ion: 136 Resp: 128956
Ion Ratio Lower Upper
136 100
137 11.9 9.2 13.8
54 13.5 12.6 19.0
68 6.6 5.7 8.5



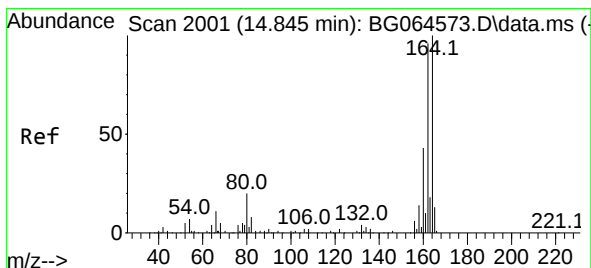
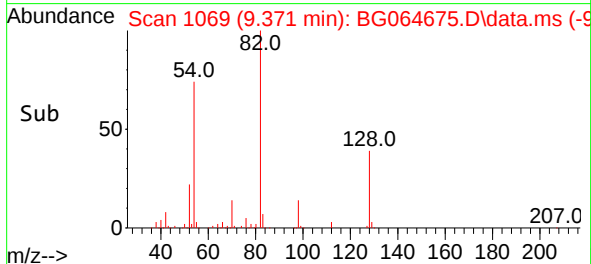
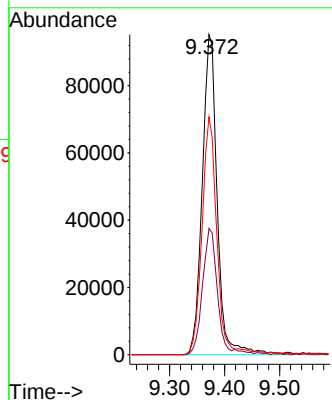


#23
Nitrobenzene-d5
Concen: 83.429 ng
RT: 9.371 min Scan# 1072
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Instrument :
BNA_G
ClientSampleId :
PB170216BL

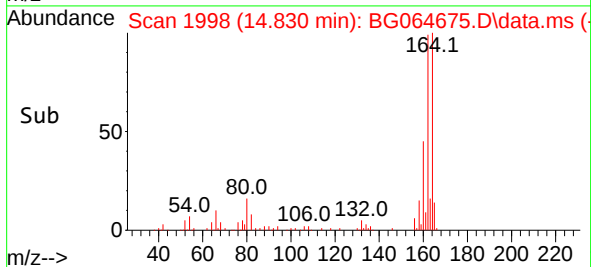
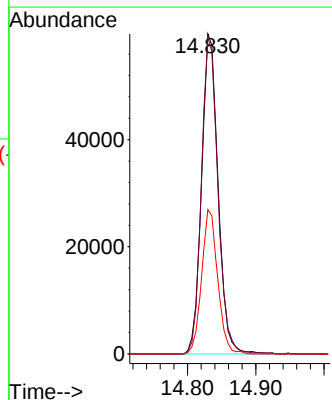
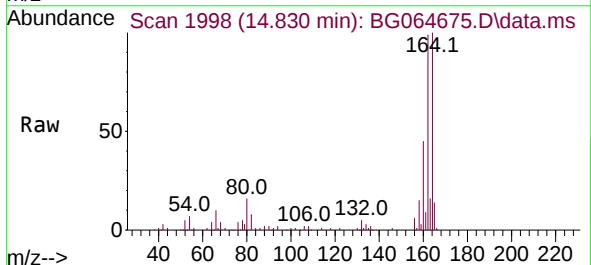


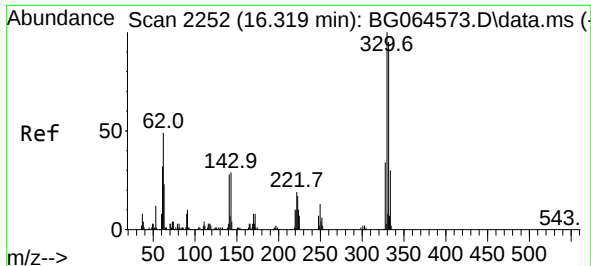
Tgt Ion: 82 Resp: 179125
Ion Ratio Lower Upper
82 100
128 39.4 31.3 46.9
54 74.3 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.830 min Scan# 1998
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

Tgt Ion: 164 Resp: 100482
Ion Ratio Lower Upper
164 100
162 99.1 77.0 115.6
160 45.1 34.4 51.6

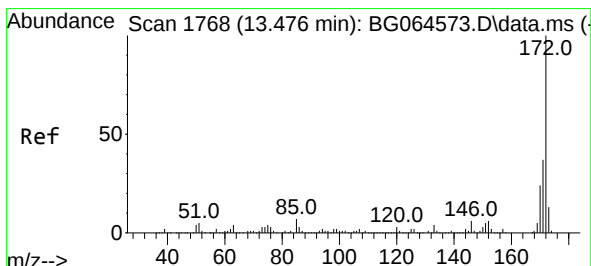
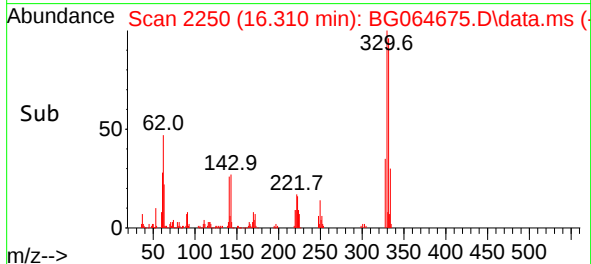
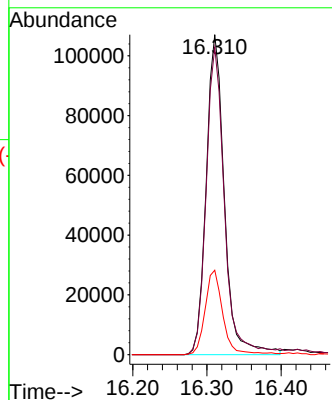
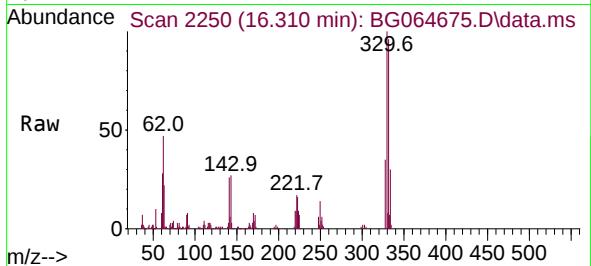




#42
2,4,6-Tribromophenol
Concen: 125.609 ng
RT: 16.310 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

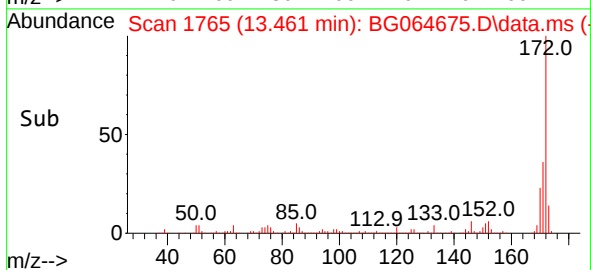
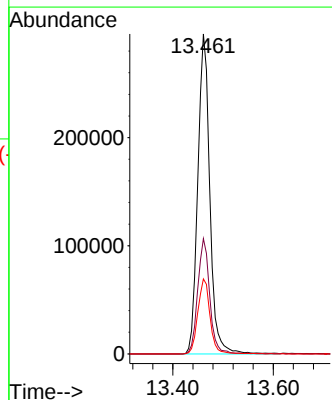
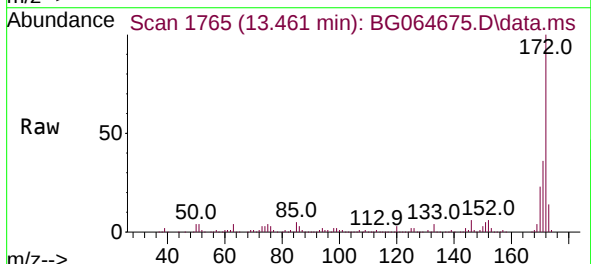
Instrument :
BNA_G
ClientSampleId :
PB170216BL

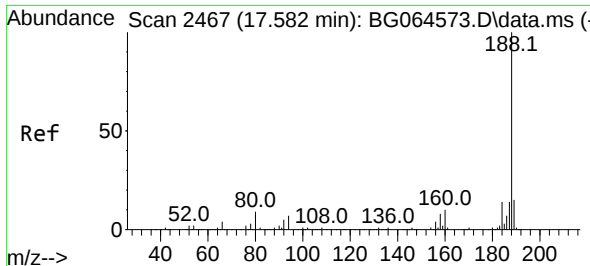
Tgt Ion:330 Resp: 182166
Ion Ratio Lower Upper
330 100
332 97.3 78.0 117.0
141 25.8 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 74.113 ng
RT: 13.461 min Scan# 1765
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

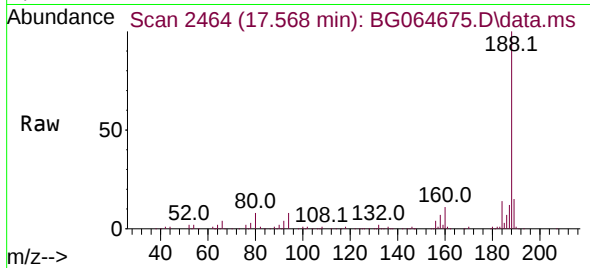
Tgt Ion:172 Resp: 491308
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.4 19.1 28.7



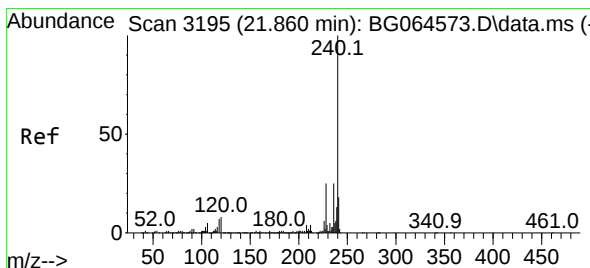
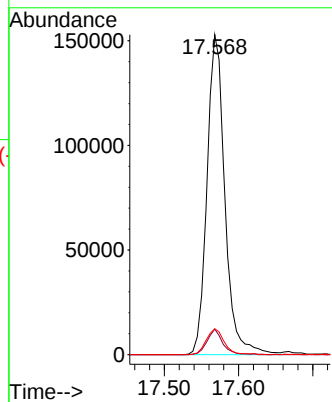
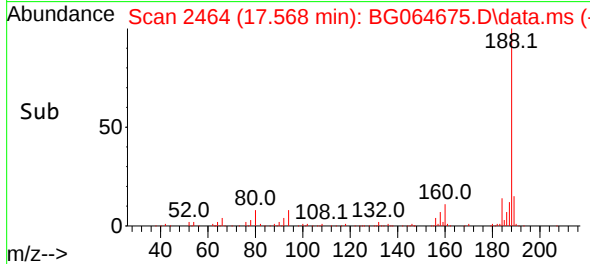


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.568 min Scan# 2464
Delta R.T. -0.015 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38

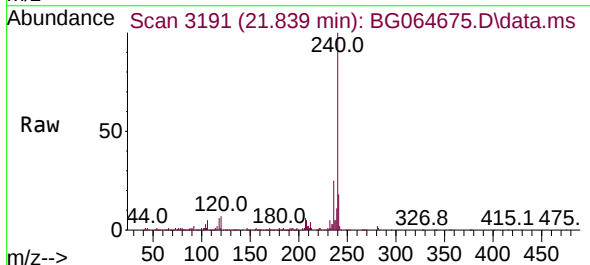
Instrument :
BNA_G
ClientSampleId :
PB170216BL



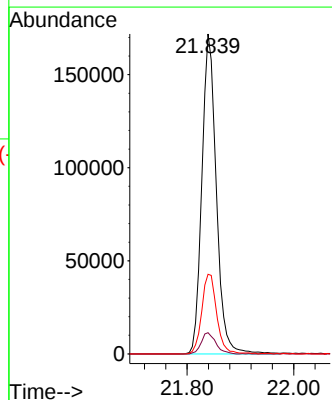
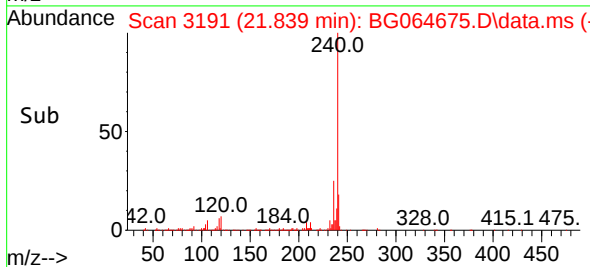
Tgt Ion:188 Resp: 255711
Ion Ratio Lower Upper
188 100
94 8.0 5.7 8.5
80 8.1 6.8 10.2

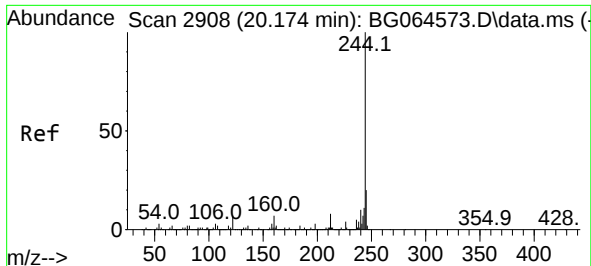


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.839 min Scan# 3191
Delta R.T. -0.021 min
Lab File: BG064675.D
Acq: 3 Nov 2025 16:38



Tgt Ion:240 Resp: 322524
Ion Ratio Lower Upper
240 100
120 6.6 6.5 9.7
236 24.9 20.2 30.2

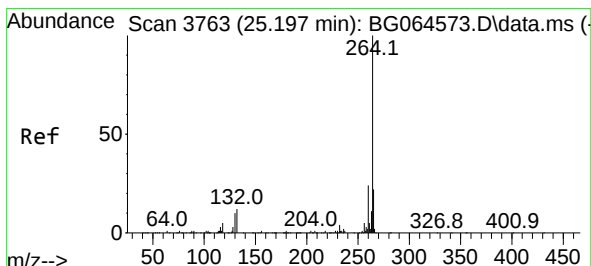
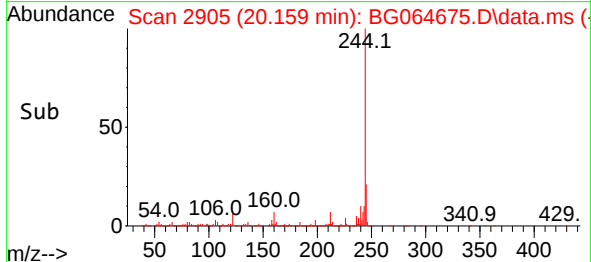
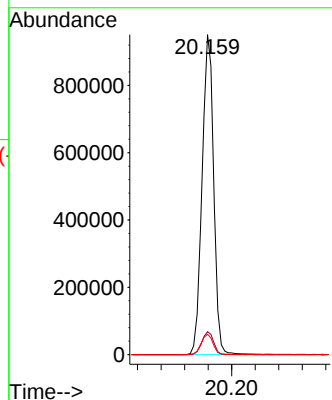
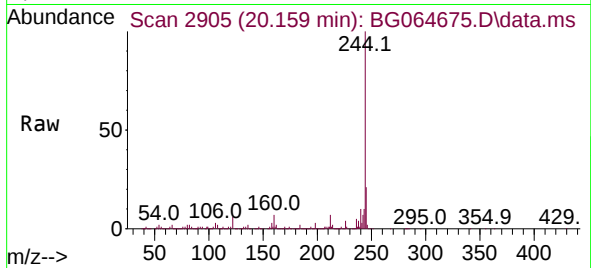




#79
 Terphenyl-d14
 Concen: 75.937 ng
 RT: 20.159 min Scan# 2908
 Delta R.T. -0.015 min
 Lab File: BG064675.D
 Acq: 3 Nov 2025 16:38

Instrument :
 BNA_G
 ClientSampleId :
 PB170216BL

Tgt Ion:244 Resp: 1297795
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 6.4 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.177 min Scan# 3759
 Delta R.T. -0.021 min
 Lab File: BG064675.D
 Acq: 3 Nov 2025 16:38

Tgt Ion:264 Resp: 339110
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.4
 265 23.3 17.6 26.4

