

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110525\
 Data File : BG064691.D
 Acq On : 5 Nov 2025 18:45
 Operator : RC/JU
 Sample : PB170402BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170402BL

Quant Time: Nov 06 00:08:41 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	8.205	152	19318	20.000	ng	-0.02
21) Naphthalene-d8	11.031	136	77931	20.000	ng	#-0.02
39) Acenaphthene-d10	14.826	164	74381	20.000	ng	-0.02
64) Phenanthrene-d10	17.564	188	240875	20.000	ng	#-0.02
76) Chrysene-d12	21.836	240	296369	20.000	ng	#-0.02
86) Perylene-d12	25.167	264	292507	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.737	112	168297	146.229	ng	-0.01
7) Phenol-d6	7.341	99	221270	140.107	ng	-0.01
23) Nitrobenzene-d5	9.368	82	134601	103.739	ng	-0.02
42) 2,4,6-Tribromophenol	16.307	330	215582	200.814	ng	-0.01
45) 2-Fluorobiphenyl	13.457	172	436331	88.916	ng	-0.02
79) Terphenyl-d14	20.155	244	1661997	105.830	ng	-0.02

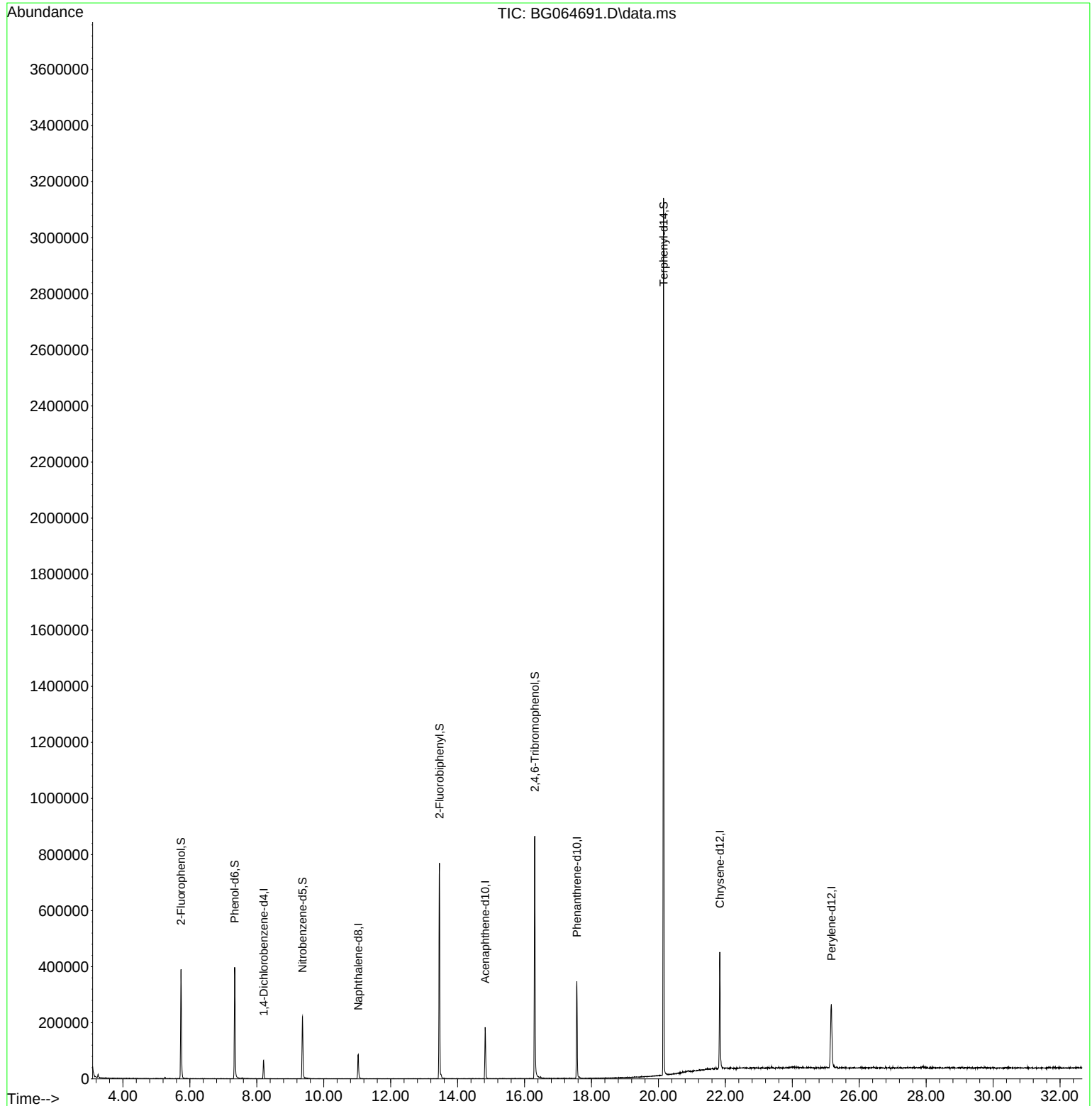
Target Compounds	Qvalue

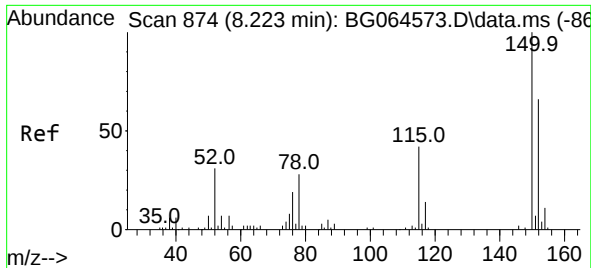
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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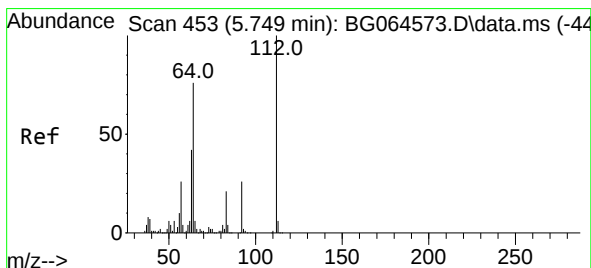
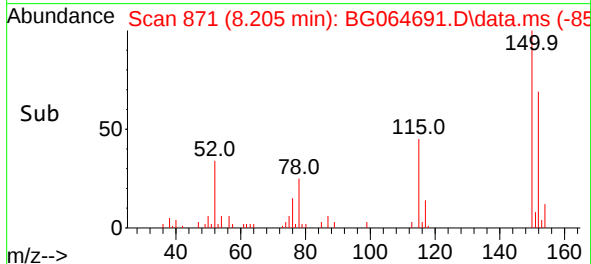
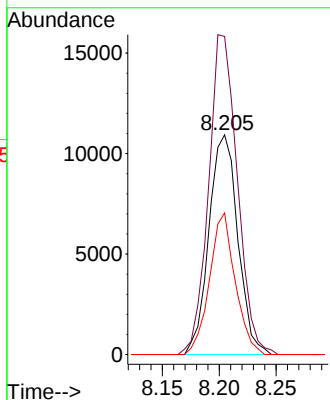
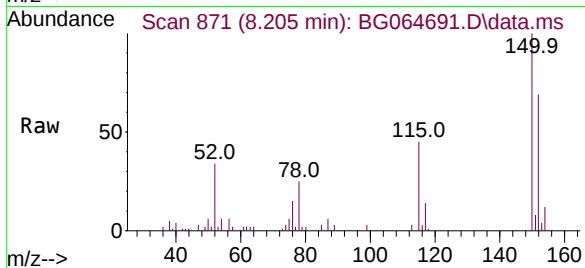




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.205 min Scan# 81
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

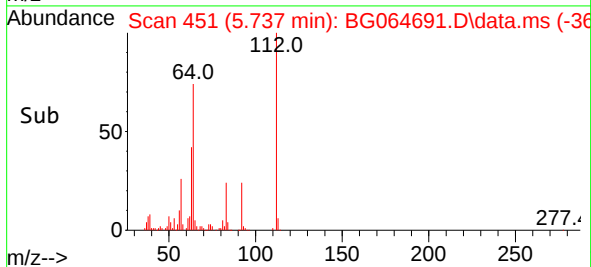
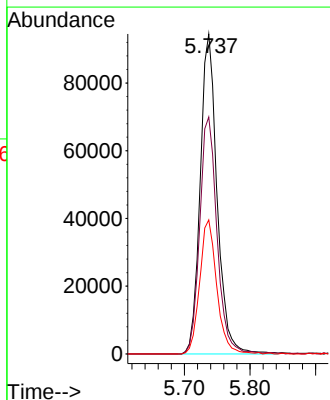
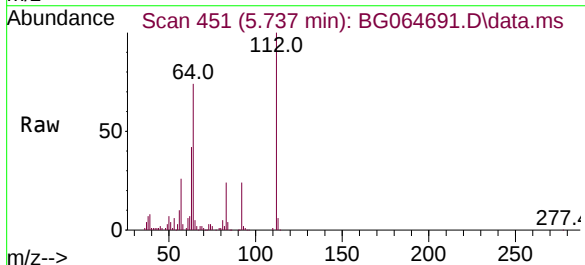
Instrument :
BNA_G
ClientSampleId :
PB170402BL

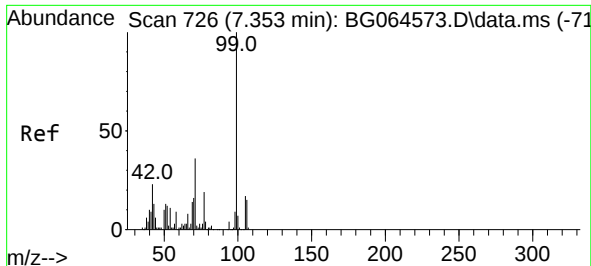
Tgt Ion:152 Resp: 19318
Ion Ratio Lower Upper
152 100
150 144.8 122.2 183.4
115 64.5 50.8 76.2



#5
2-Fluorophenol
Concen: 146.229 ng
RT: 5.737 min Scan# 451
Delta R.T. -0.012 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

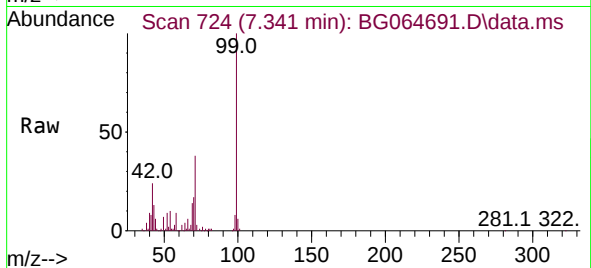
Tgt Ion:112 Resp: 168297
Ion Ratio Lower Upper
112 100
64 74.0 60.7 91.1
63 41.9 33.4 50.0





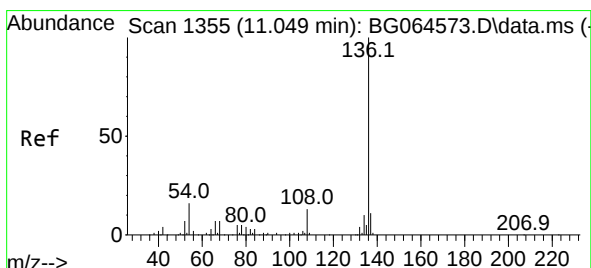
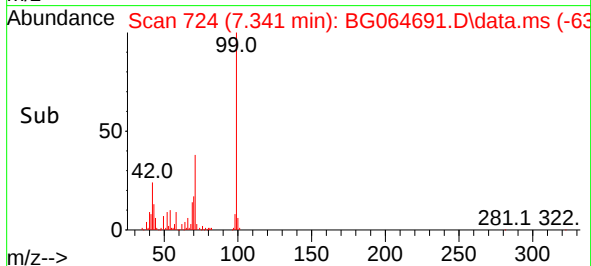
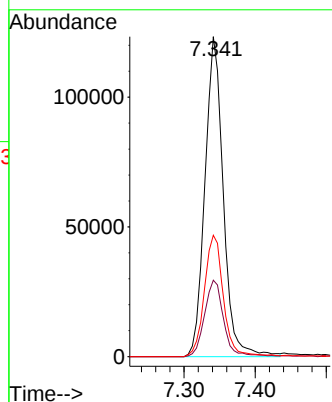
#7
Phenol-d6
Concen: 140.107 ng
RT: 7.341 min Scan# 71
Delta R.T. -0.012 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

Instrument :
BNA_G
ClientSampleId :
PB170402BL



Tgt Ion: 99 Resp: 221270

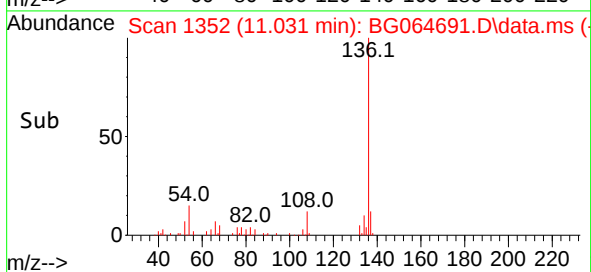
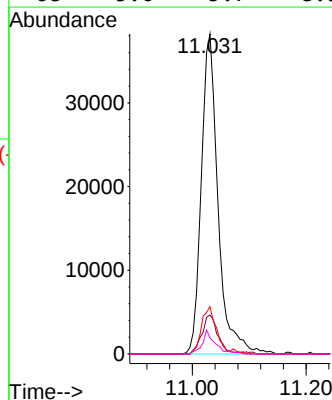
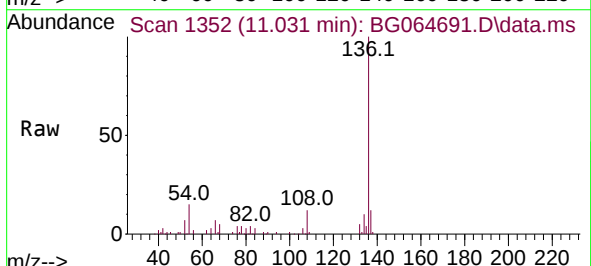
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.3	27.5
71	37.9	28.6	43.0

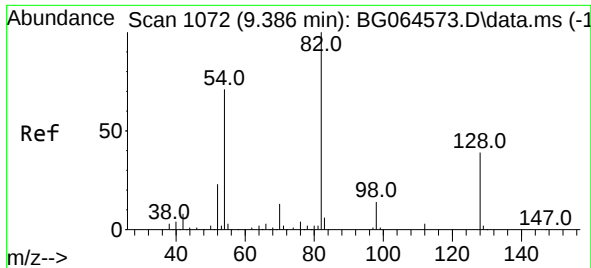


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.031 min Scan# 1352
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

Tgt Ion: 136 Resp: 77931

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	14.7	12.6	19.0
68	5.0	5.7	8.5

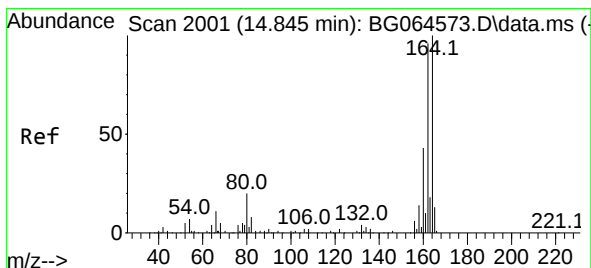
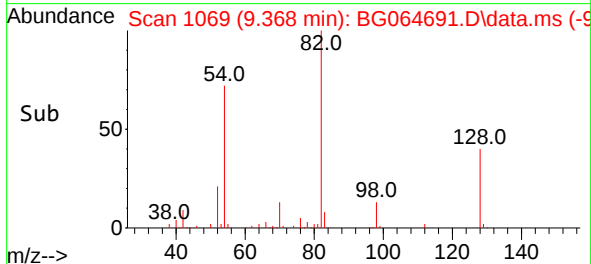
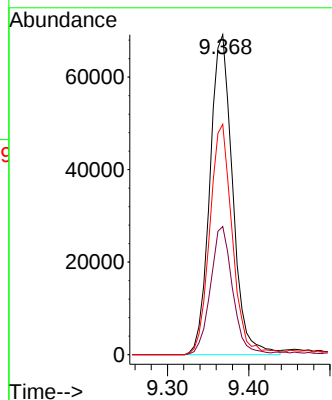
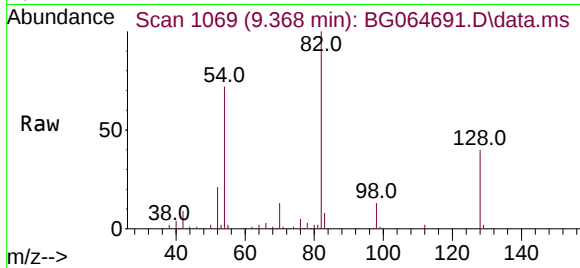




#23
Nitrobenzene-d5
Concen: 103.739 ng
RT: 9.368 min Scan# 1072
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

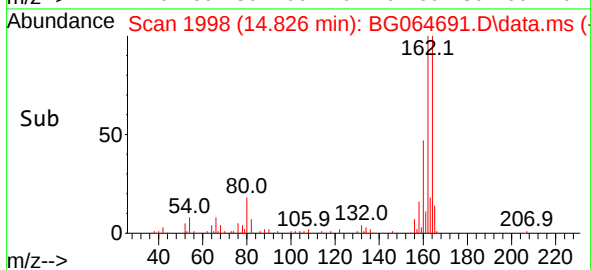
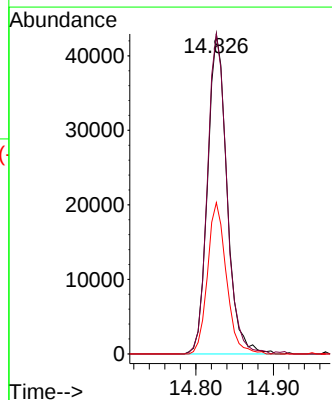
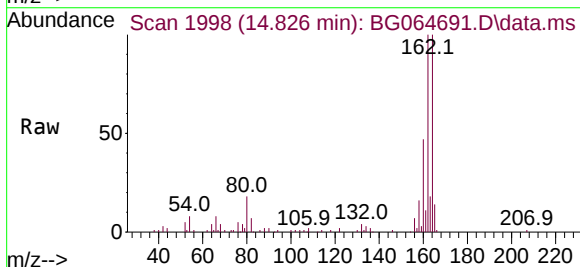
Instrument :
BNA_G
ClientSampleId :
PB170402BL

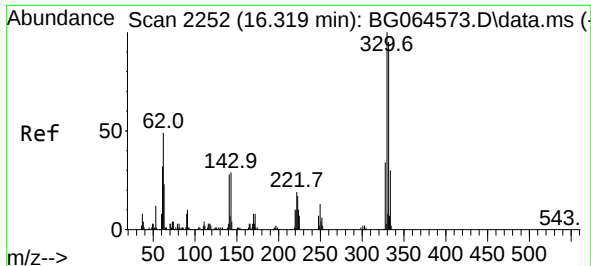
Tgt Ion: 82 Resp: 134601
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 72.0 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.826 min Scan# 1998
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

Tgt Ion: 164 Resp: 74381
Ion Ratio Lower Upper
164 100
162 100.0 77.0 115.6
160 47.3 34.4 51.6

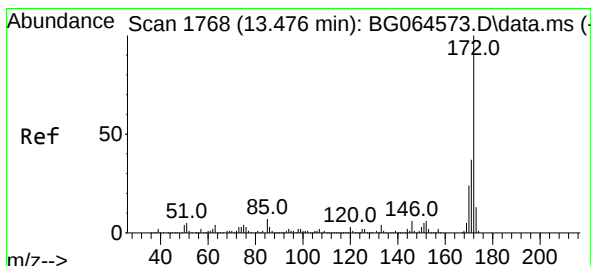
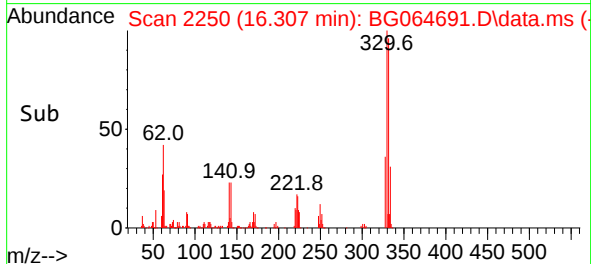
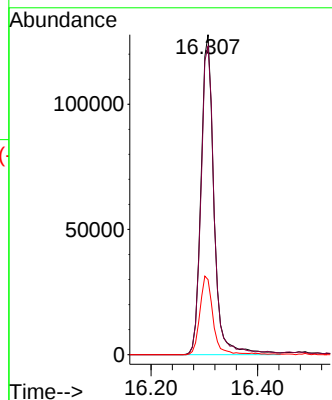
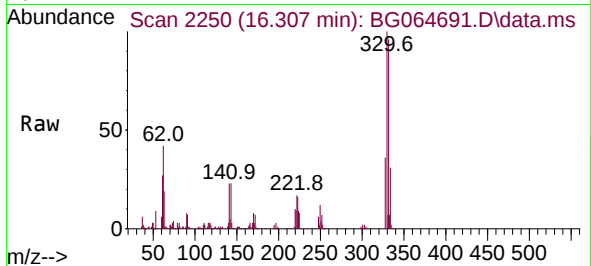




#42
2,4,6-Tribromophenol
Concen: 200.814 ng
RT: 16.307 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

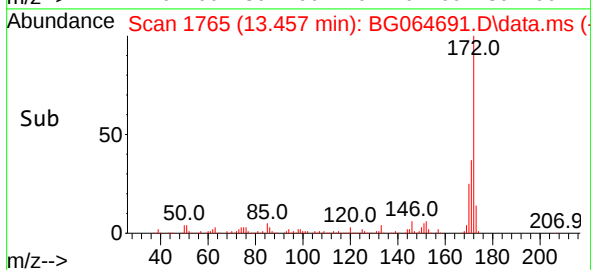
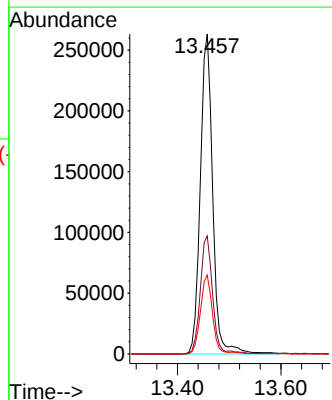
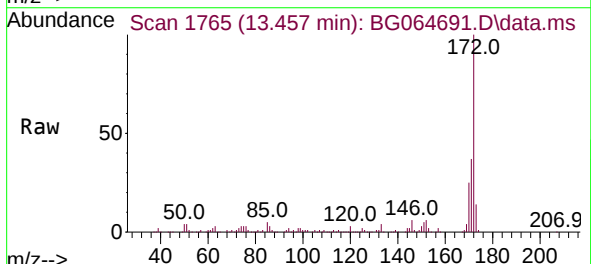
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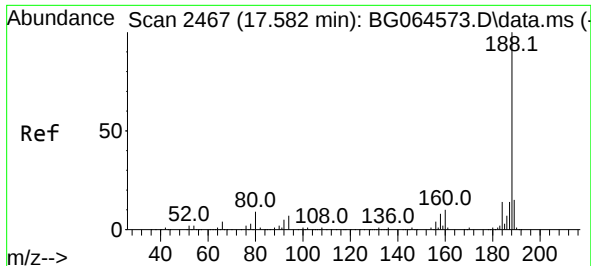
Tgt Ion:330 Resp: 215582
Ion Ratio Lower Upper
330 100
332 98.3 78.0 117.0
141 24.7 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 88.916 ng
RT: 13.457 min Scan# 1765
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

Tgt Ion:172 Resp: 436331
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 24.6 19.1 28.7

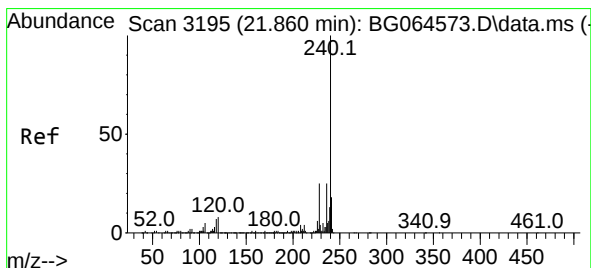
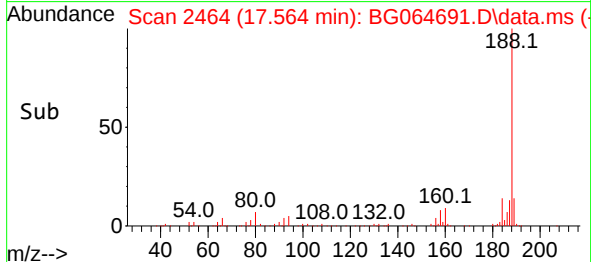
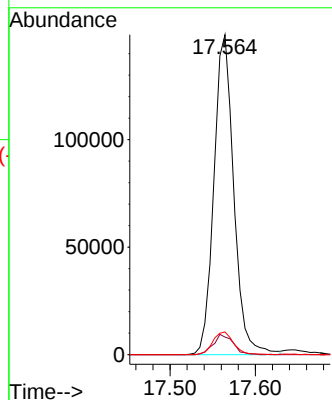
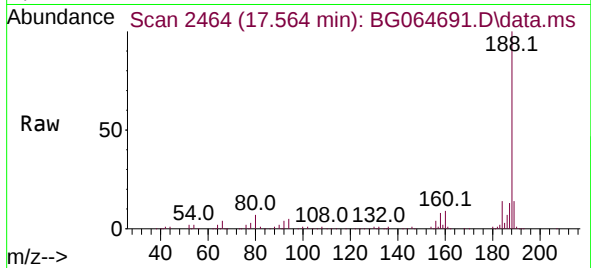




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.564 min Scan# 2464
Delta R.T. -0.018 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

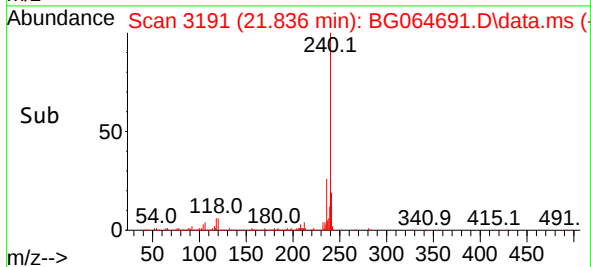
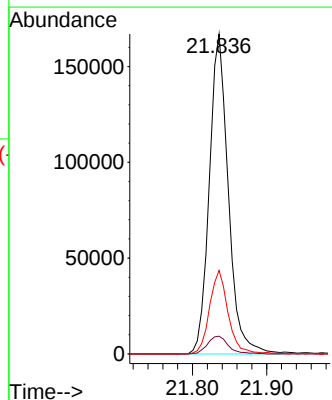
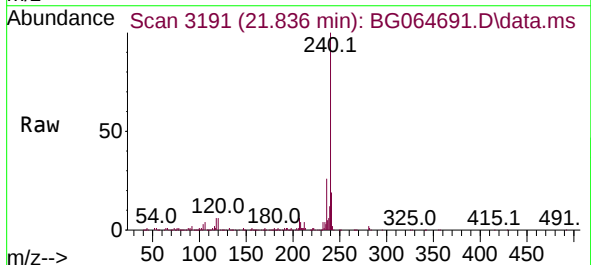
Instrument :
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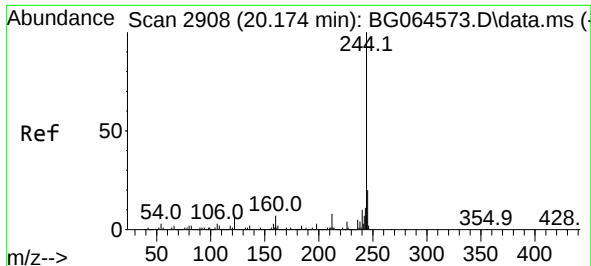
Tgt Ion:188 Resp: 240875
Ion Ratio Lower Upper
188 100
94 5.5 5.7 8.5#
80 7.1 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.836 min Scan# 3191
Delta R.T. -0.024 min
Lab File: BG064691.D
Acq: 5 Nov 2025 18:45

Tgt Ion:240 Resp: 296369
Ion Ratio Lower Upper
240 100
120 5.5 6.5 9.7#
236 26.1 20.2 30.2

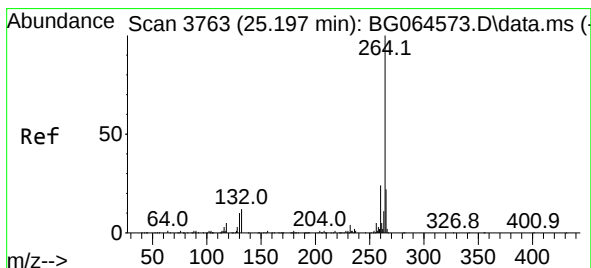
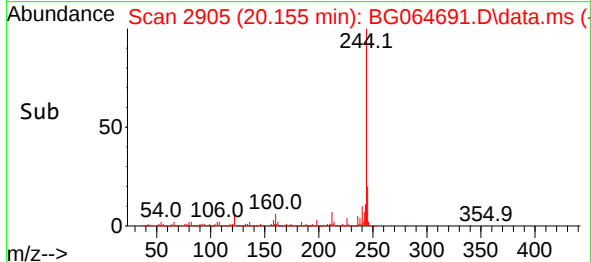
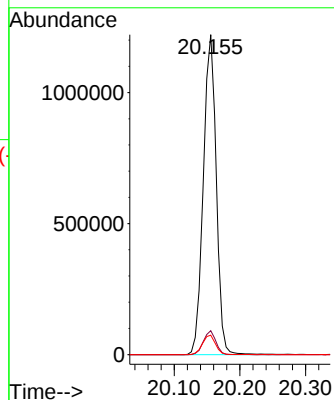
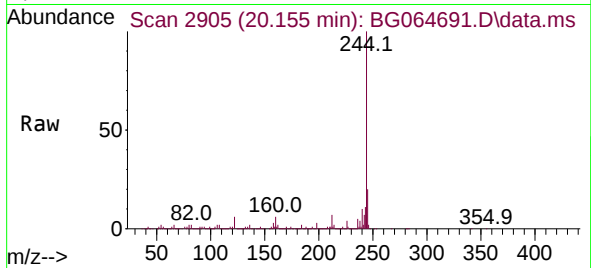




#79
 Terphenyl-d14
 Concen: 105.830 ng
 RT: 20.155 min Scan# 2905
 Delta R.T. -0.018 min
 Lab File: BG064691.D
 Acq: 5 Nov 2025 18:45

Instrument :
 BNA_G
 ClientSampleId :
 PB170402BL

Tgt Ion:244 Resp: 1661997
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 6.1 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.167 min Scan# 3758
 Delta R.T. -0.030 min
 Lab File: BG064691.D
 Acq: 5 Nov 2025 18:45

Tgt Ion:264 Resp: 292507
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.4
 265 20.7 17.6 26.4

