

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064498.D
 Acq On : 14 Oct 2025 12:31
 Operator : RC/JU
 Sample : PB170080BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170080BL

Quant Time: Oct 14 13:07:58 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 02 16:40:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	16844	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	64925	20.000	ng	# 0.00
39) Acenaphthene-d10	14.447	164	49607	20.000	ng	0.00
64) Phenanthrene-d10	17.185	188	132934	20.000	ng	0.00
76) Chrysene-d12	21.410	240	151144	20.000	ng	0.00
86) Perylene-d12	24.389	264	163949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	134929	148.249	ng	0.01
7) Phenol-d6	6.997	99	171149	139.931	ng	0.01
23) Nitrobenzene-d5	8.977	82	115105	95.328	ng	0.01
42) 2,4,6-Tribromophenol	15.940	330	136926	152.276	ng	0.00
45) 2-Fluorobiphenyl	13.072	172	313818	93.247	ng	0.00
79) Terphenyl-d14	19.812	244	772815	96.765	ng	0.00

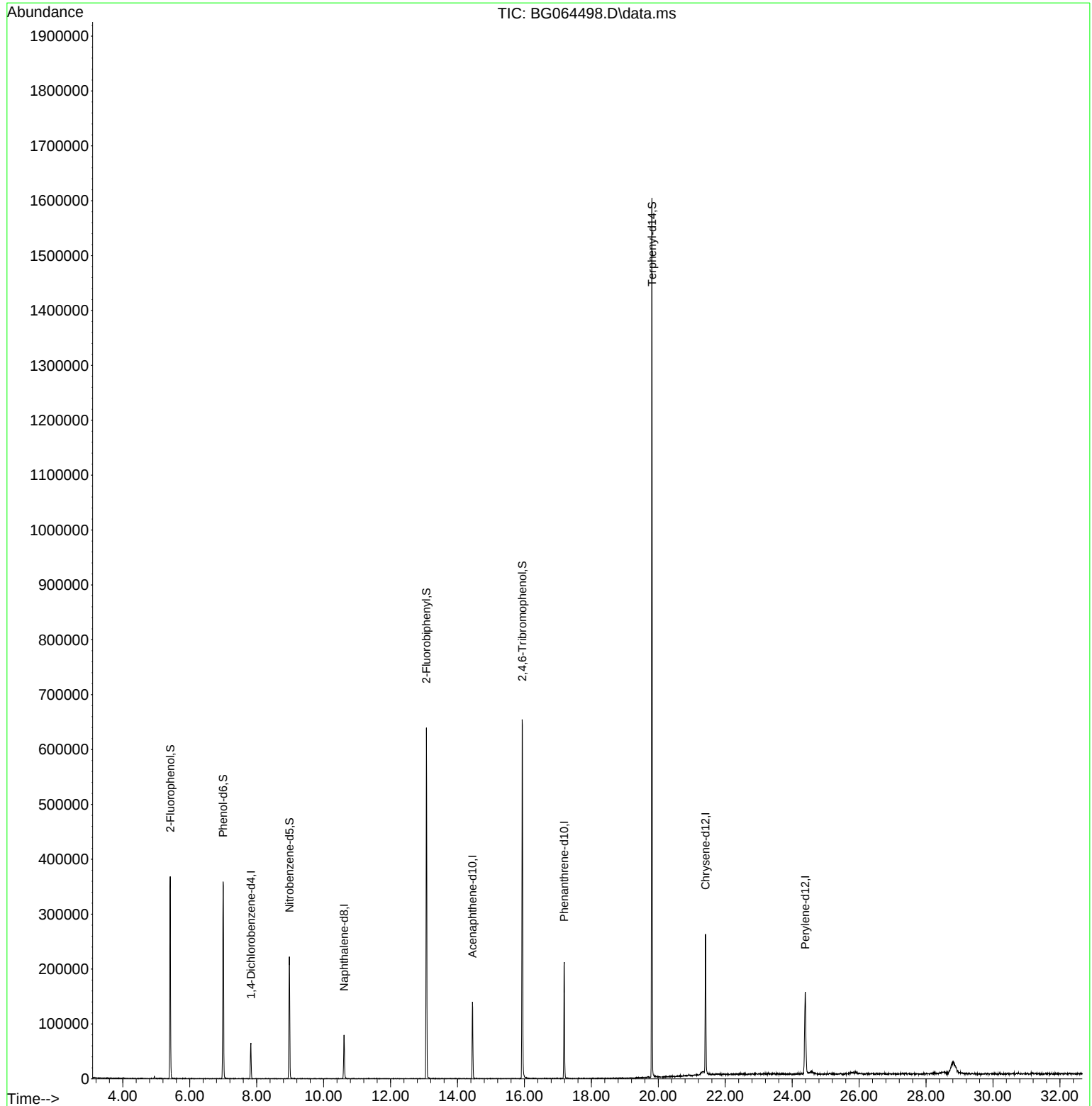
Target Compounds	Qvalue

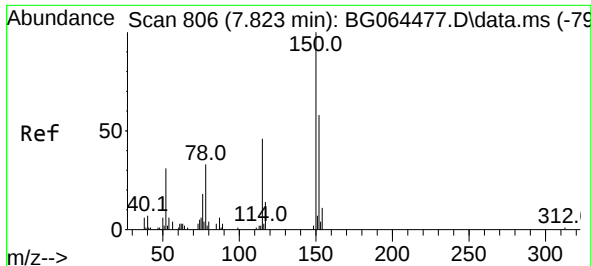
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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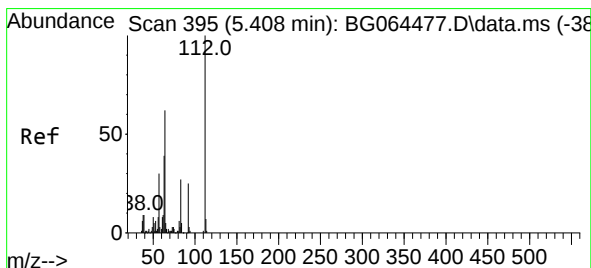
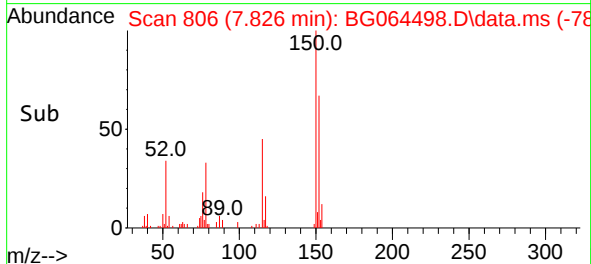
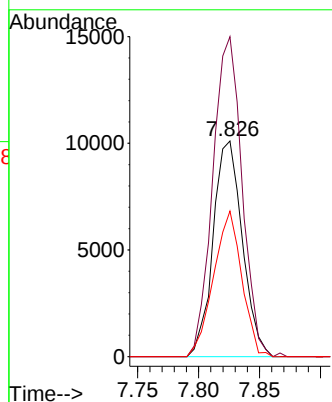
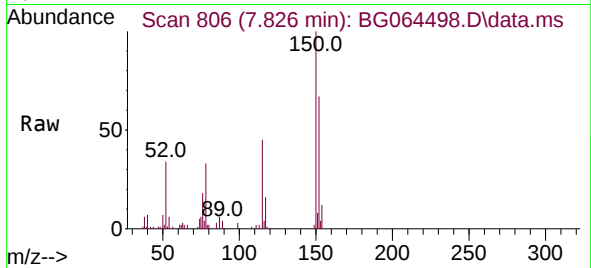




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.826 min Scan# 806
 Delta R.T. 0.006 min
 Lab File: BG064498.D
 Acq: 14 Oct 2025 12:31

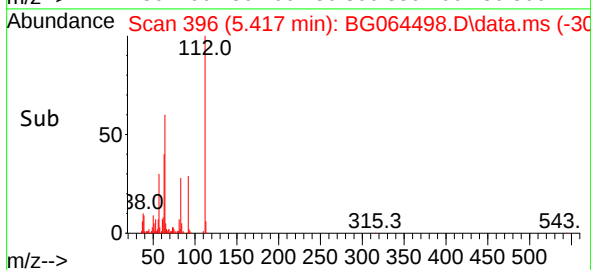
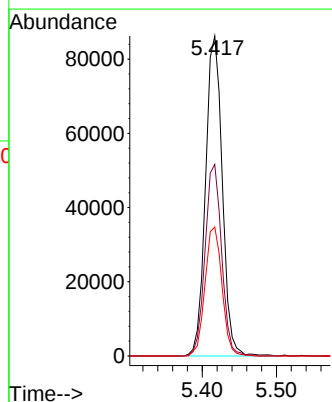
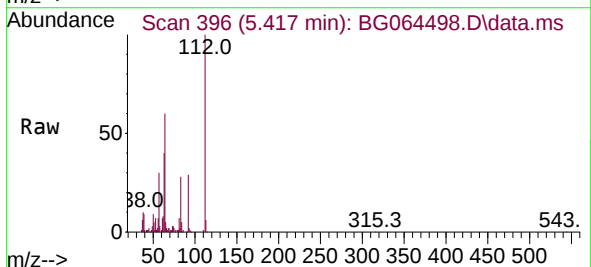
Instrument :
 BNA_G
 ClientSampleId :
 PB170080BL

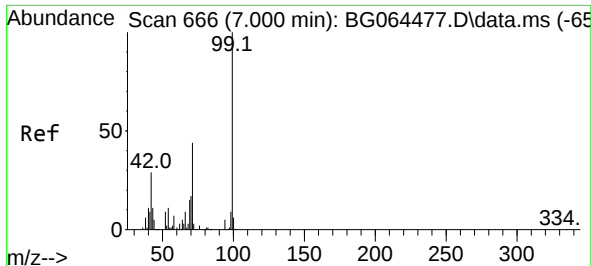
Tgt Ion:152 Resp: 16844
 Ion Ratio Lower Upper
 152 100
 150 148.4 138.6 207.8
 115 67.5 63.4 95.2



#5
 2-Fluorophenol
 Concen: 148.249 ng
 RT: 5.417 min Scan# 396
 Delta R.T. 0.011 min
 Lab File: BG064498.D
 Acq: 14 Oct 2025 12:31

Tgt Ion:112 Resp: 134929
 Ion Ratio Lower Upper
 112 100
 64 59.8 49.8 74.8
 63 40.3 31.3 46.9

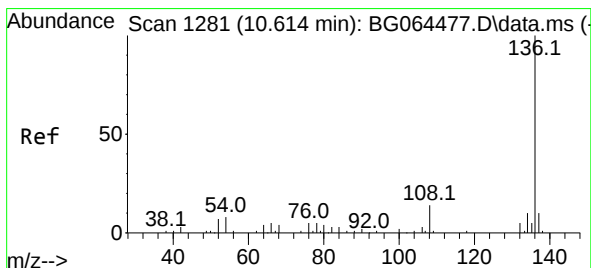
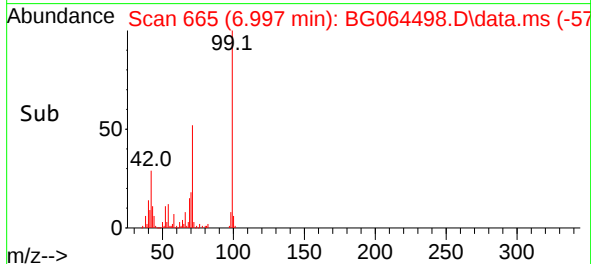
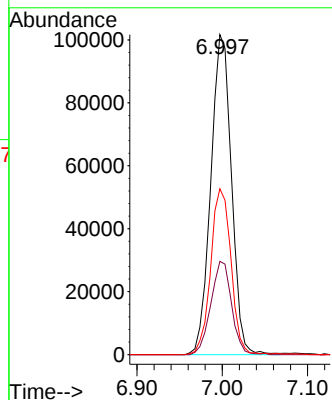
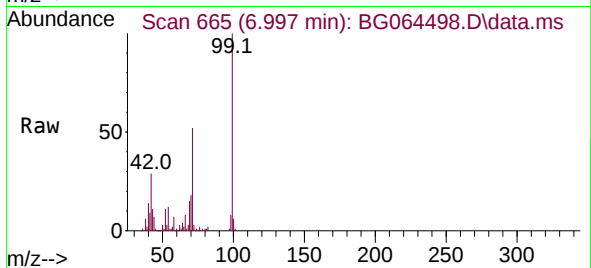




#7
Phenol-d6
Concen: 139.931 ng
RT: 6.997 min Scan# 60
Delta R.T. 0.011 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

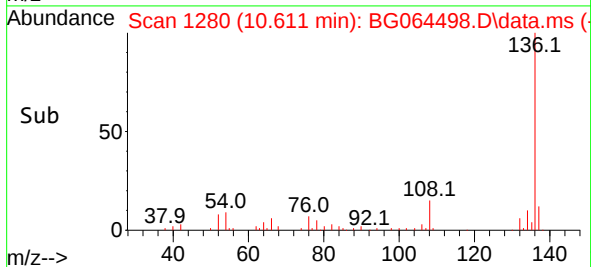
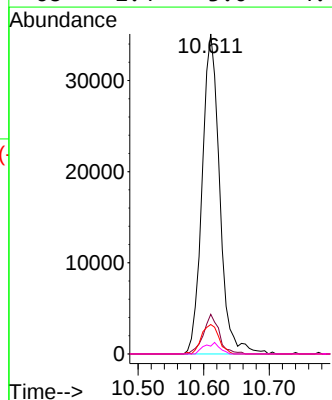
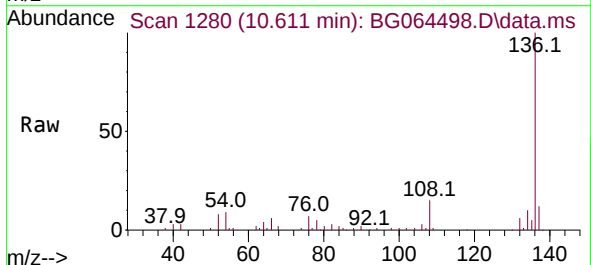
Instrument :
BNA_G
ClientSampleId :
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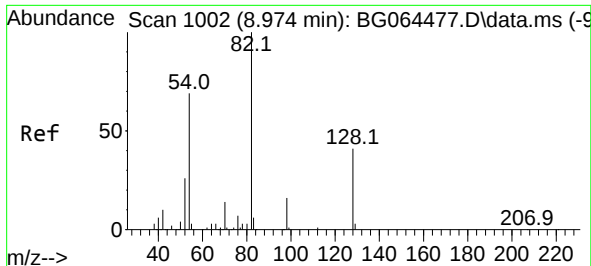
Tgt Ion: 99 Resp: 171149
Ion Ratio Lower Upper
99 100
42 29.1 22.9 34.3
71 51.8 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion: 136 Resp: 64925
Ion Ratio Lower Upper
136 100
137 12.4 8.3 12.5
54 9.2 6.2 9.4
68 2.4 3.0 4.4#

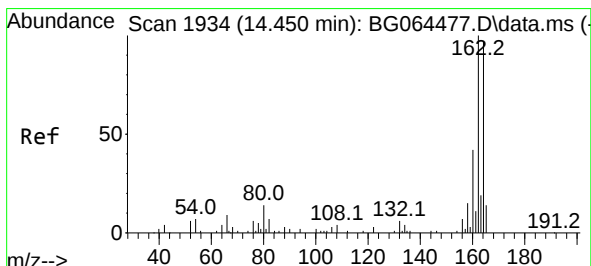
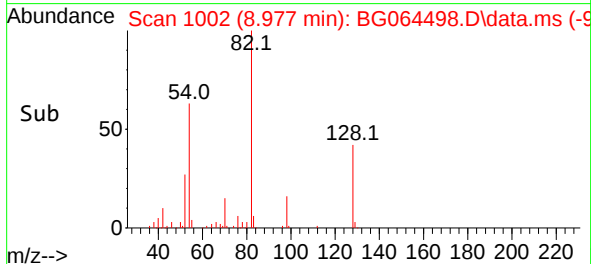
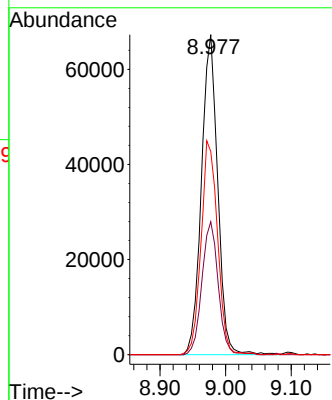
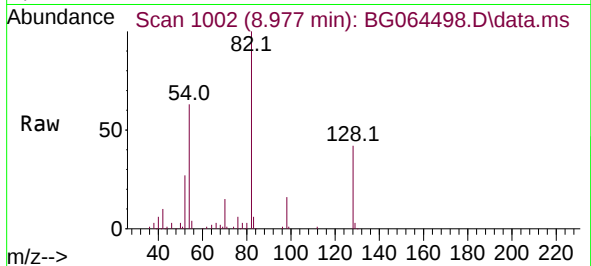




#23
Nitrobenzene-d5
Concen: 95.328 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.011 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

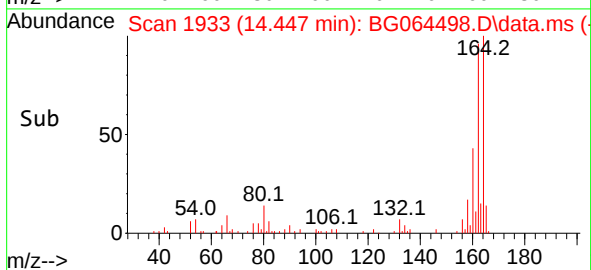
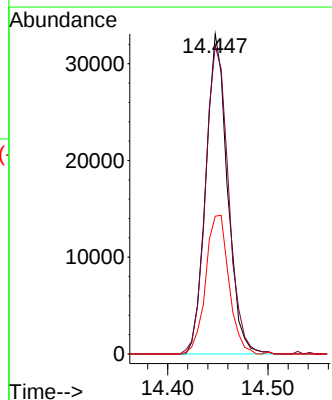
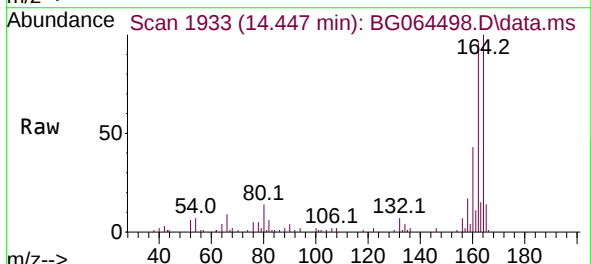
Instrument :
BNA_G
ClientSampleId :
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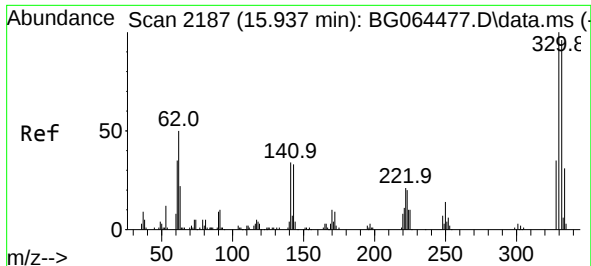
Tgt Ion: 82 Resp: 115105
Ion Ratio Lower Upper
82 100
128 41.5 33.1 49.7
54 63.5 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.447 min Scan# 1933
Delta R.T. -0.001 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

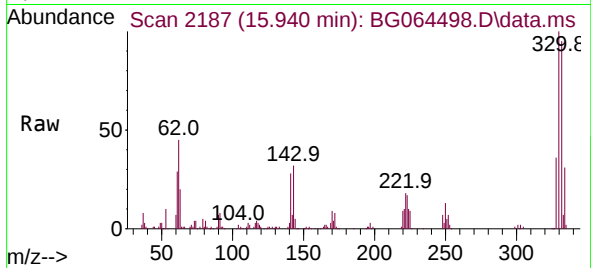
Tgt Ion: 164 Resp: 49607
Ion Ratio Lower Upper
164 100
162 96.3 82.2 123.2
160 43.0 34.3 51.5



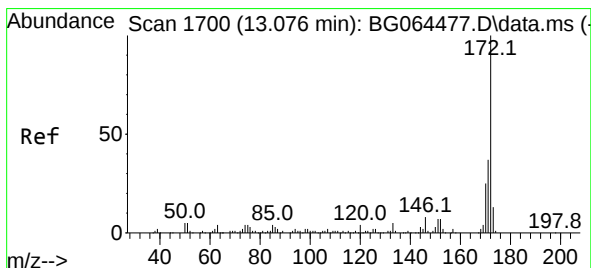
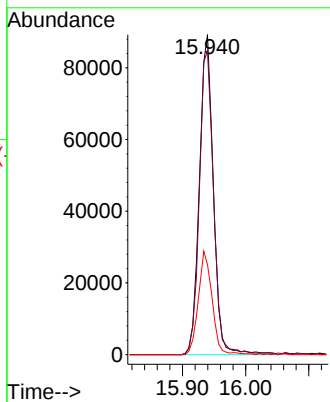
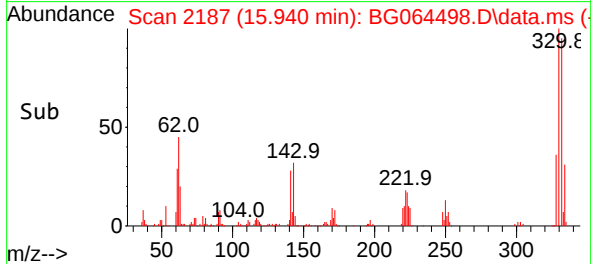


#42
2,4,6-Tribromophenol
Concen: 152.276 ng
RT: 15.940 min Scan# 2187
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

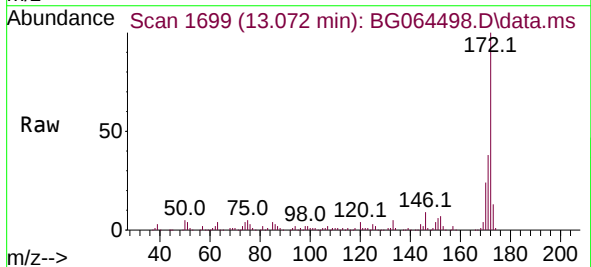
Instrument :
BNA_G
ClientSampleId :
PB170080BL



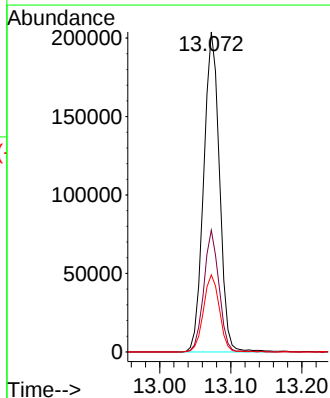
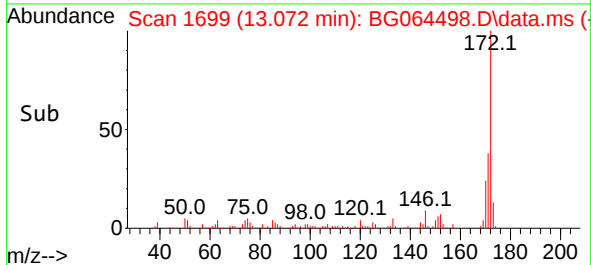
Tgt Ion:330 Resp: 136926
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.0
141 31.8 25.8 38.6

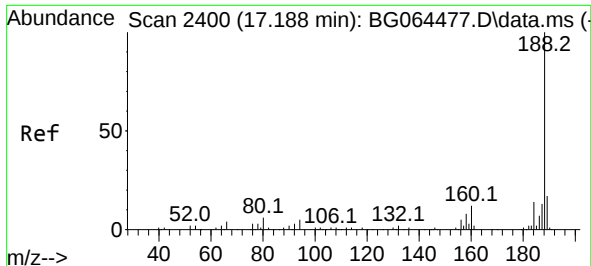


#45
2-Fluorobiphenyl
Concen: 93.247 ng
RT: 13.072 min Scan# 1699
Delta R.T. 0.005 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31



Tgt Ion:172 Resp: 313818
Ion Ratio Lower Upper
172 100
171 38.0 29.6 44.4
170 24.1 20.2 30.2

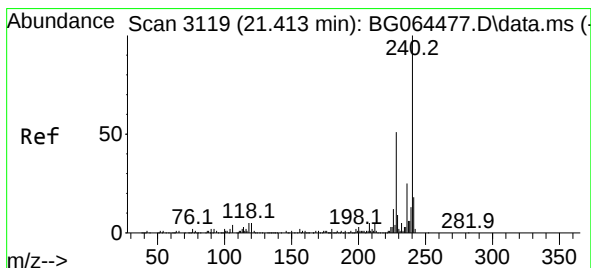
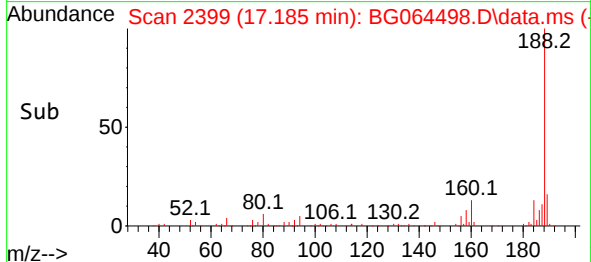
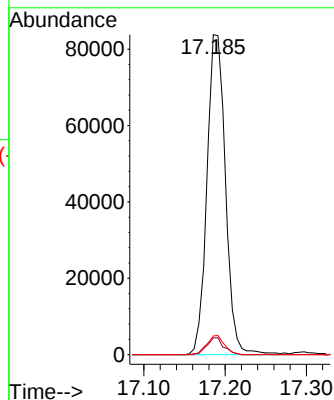
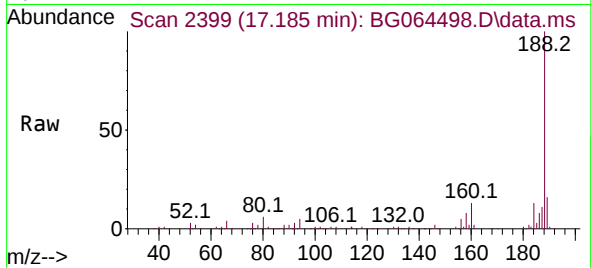




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.185 min Scan# 2399
Delta R.T. -0.001 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

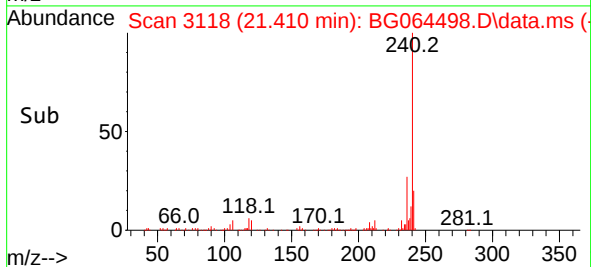
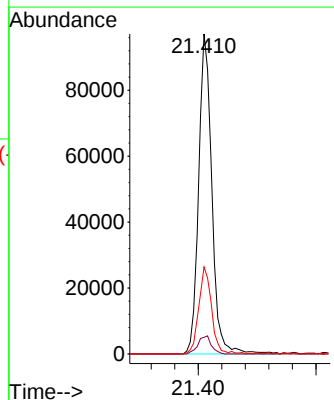
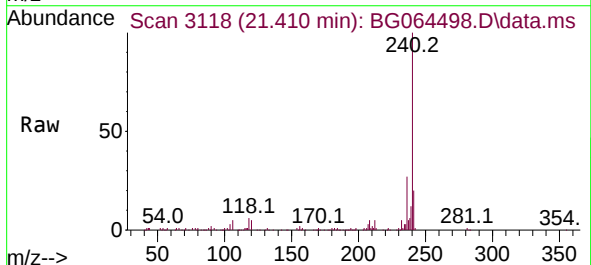
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ClientSampleId :
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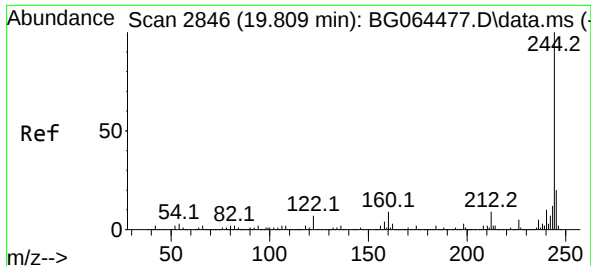
Tgt Ion:188 Resp: 132934
Ion Ratio Lower Upper
188 100
94 5.2 3.7 5.5
80 5.8 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.410 min Scan# 3118
Delta R.T. -0.000 min
Lab File: BG064498.D
Acq: 14 Oct 2025 12:31

Tgt Ion:240 Resp: 151144
Ion Ratio Lower Upper
240 100
120 5.2 4.3 6.5
236 27.2 20.4 30.6

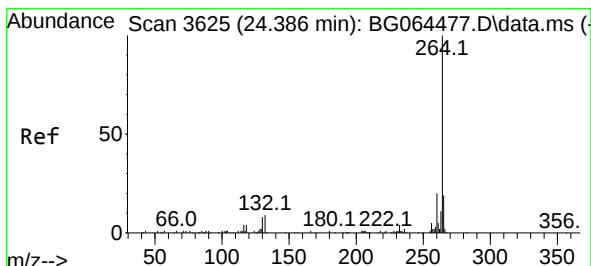
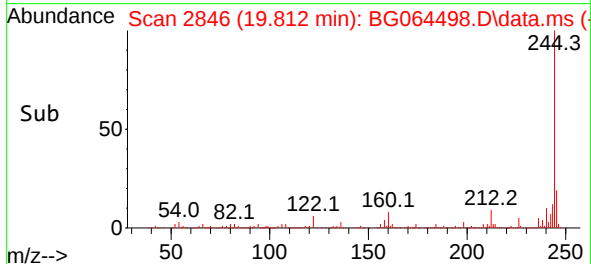
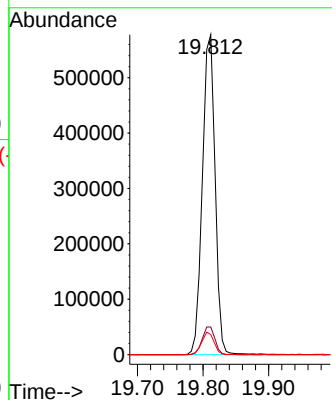
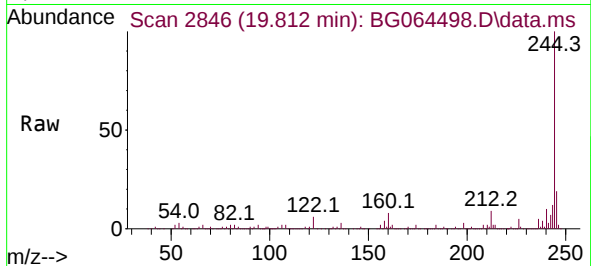




#79
 Terphenyl-d14
 Concen: 96.765 ng
 RT: 19.812 min Scan# 2846
 Delta R.T. 0.005 min
 Lab File: BG064498.D
 Acq: 14 Oct 2025 12:31

Instrument :
 BNA_G
 ClientSampleId :
 PB170080BL

Tgt Ion:244 Resp: 772815
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 6.3 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.389 min Scan# 3625
 Delta R.T. -0.001 min
 Lab File: BG064498.D
 Acq: 14 Oct 2025 12:31

Tgt Ion:264 Resp: 163949
 Ion Ratio Lower Upper
 264 100
 260 24.1 16.2 24.4
 265 20.5 15.0 22.4

