

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064499.D
 Acq On : 14 Oct 2025 13:11
 Operator : RC/JU
 Sample : PB170062TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170062TB

Quant Time: Oct 14 13:49:32 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	7.823	152	15800	20.000	ng	0.00
21) Naphthalene-d8	10.614	136	64368	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	49104	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	132382	20.000	ng	0.00
76) Chrysene-d12	21.413	240	145774	20.000	ng	0.00
86) Perylene-d12	24.392	264	160375	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	125842	147.401	ng	0.00
7) Phenol-d6	7.001	99	161057	140.381	ng	0.01
23) Nitrobenzene-d5	8.975	82	108636	90.749	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	131574	147.823	ng	0.00
45) 2-Fluorobiphenyl	13.076	172	297960	89.441	ng	0.00
79) Terphenyl-d14	19.809	244	737390	95.731	ng	0.00

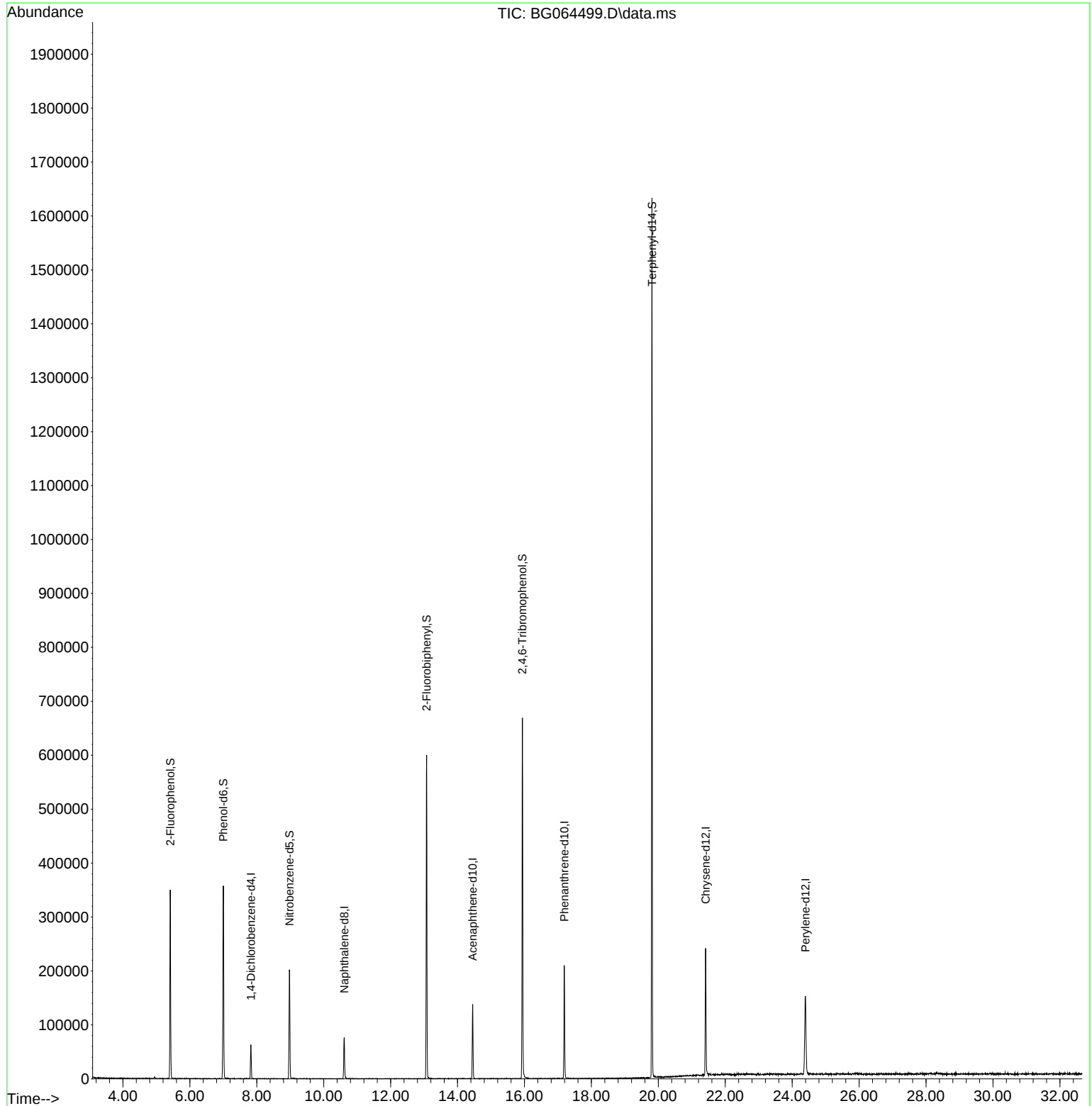
Target Compounds	Qvalue

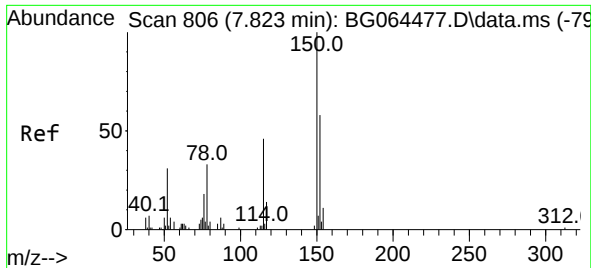
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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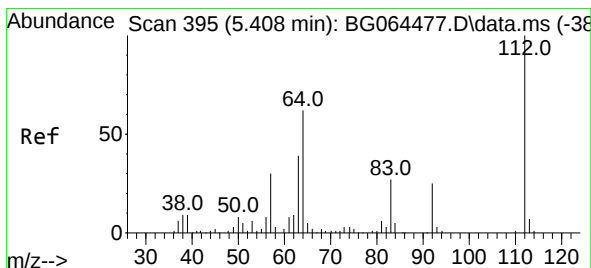
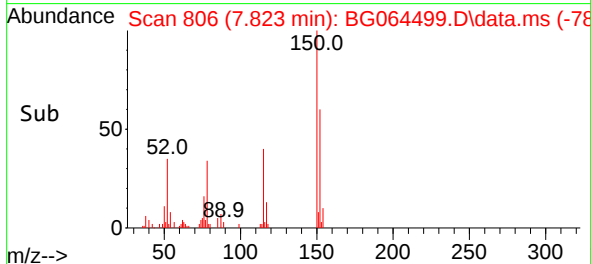
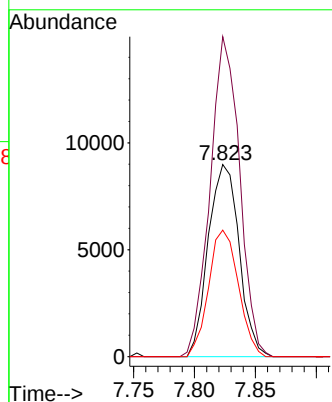
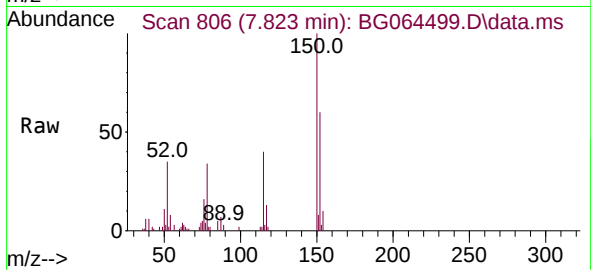




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.823 min Scan# 806
 Delta R.T. 0.003 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

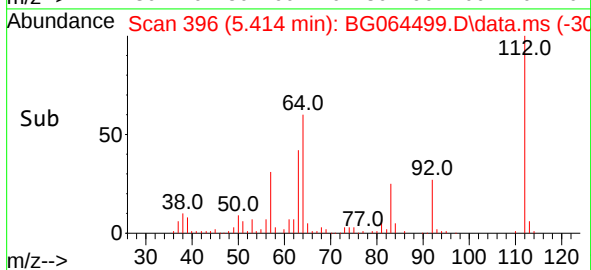
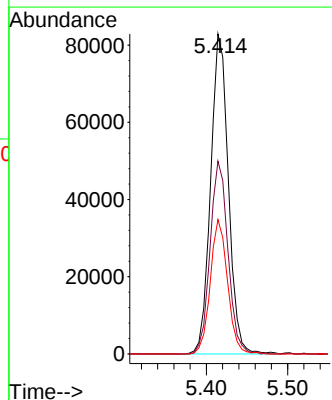
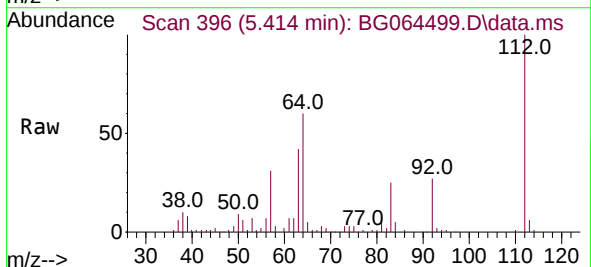
Instrument :
 BNA_G
 ClientSampleId :
 PB170062TB

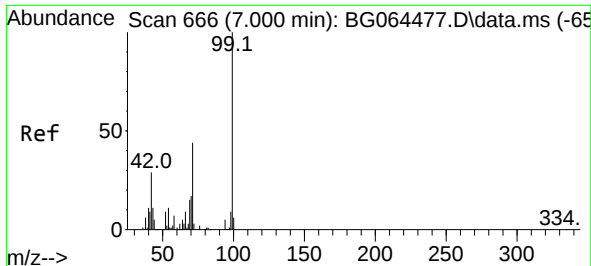
Tgt Ion:152 Resp: 15800
 Ion Ratio Lower Upper
 152 100
 150 166.7 138.6 207.8
 115 65.9 63.4 95.2



#5
 2-Fluorophenol
 Concen: 147.401 ng
 RT: 5.414 min Scan# 396
 Delta R.T. 0.009 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

Tgt Ion:112 Resp: 125842
 Ion Ratio Lower Upper
 112 100
 64 60.3 49.8 74.8
 63 42.0 31.3 46.9

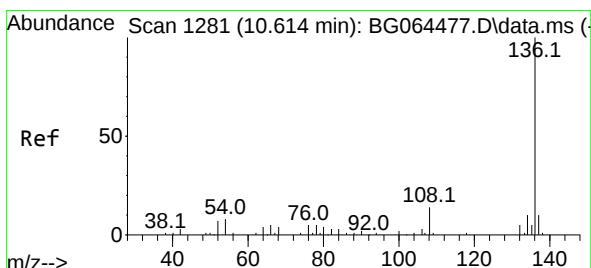
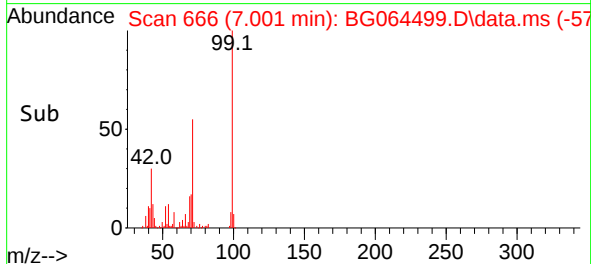
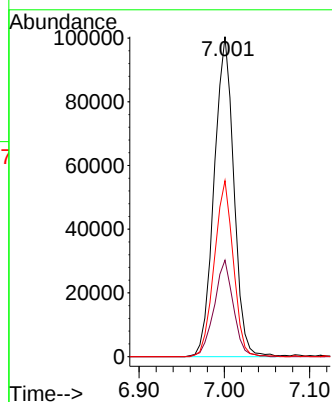
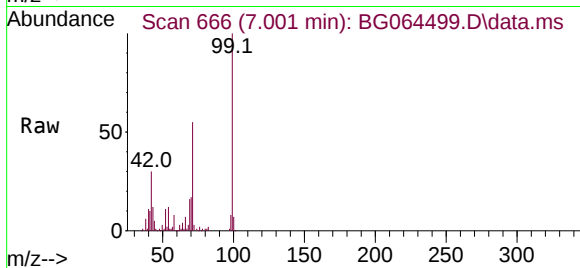




#7
Phenol-d6
Concen: 140.381 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

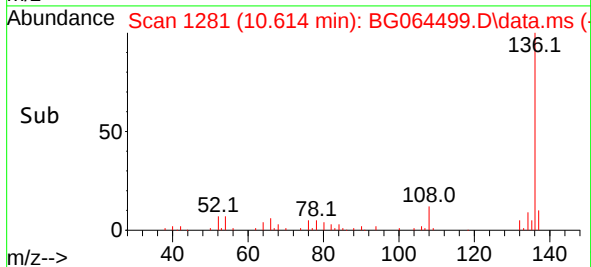
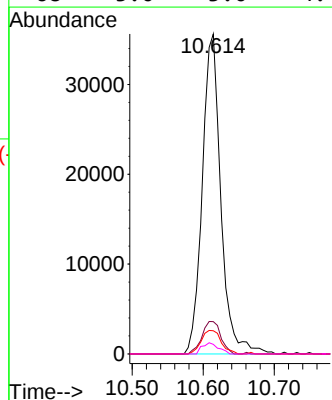
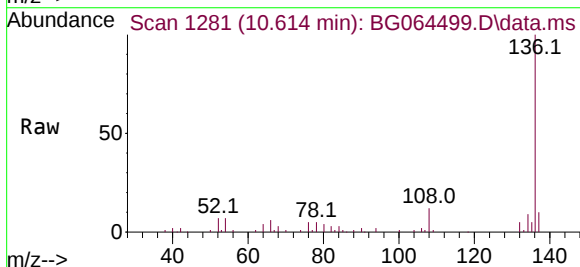
Instrument :
BNA_G
ClientSampleId :
PB170062TB

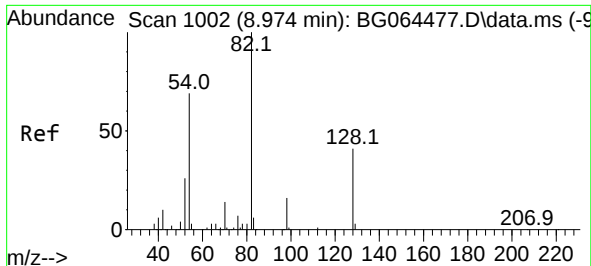
Tgt Ion: 99 Resp: 161057
Ion Ratio Lower Upper
99 100
42 30.1 22.9 34.3
71 55.0 35.4 53.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.614 min Scan# 1281
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion: 136 Resp: 64368
Ion Ratio Lower Upper
136 100
137 10.1 8.3 12.5
54 7.2 6.2 9.4
68 3.0 3.0 4.4

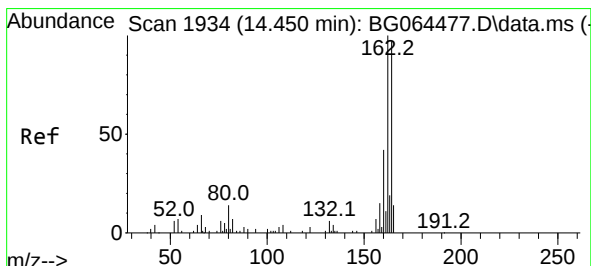
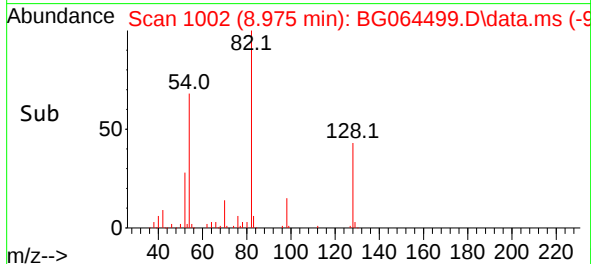
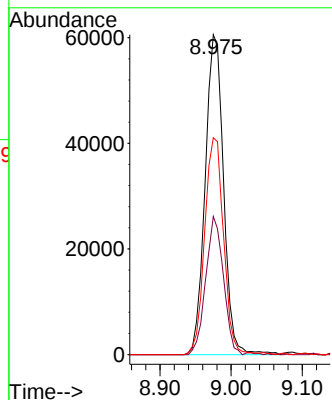
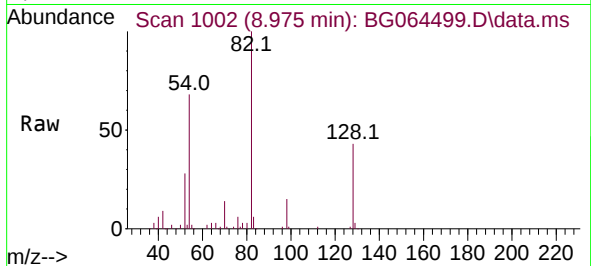




#23
 Nitrobenzene-d5
 Concen: 90.749 ng
 RT: 8.975 min Scan# 1002
 Delta R.T. 0.009 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

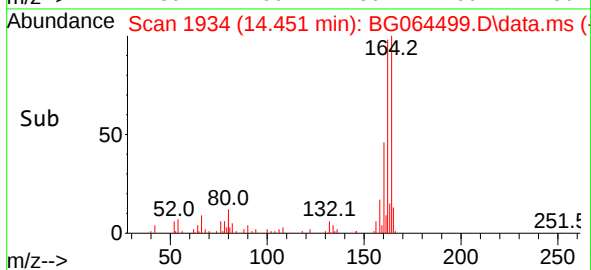
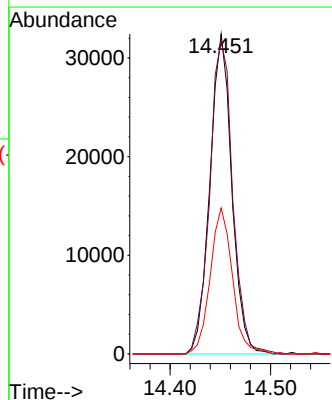
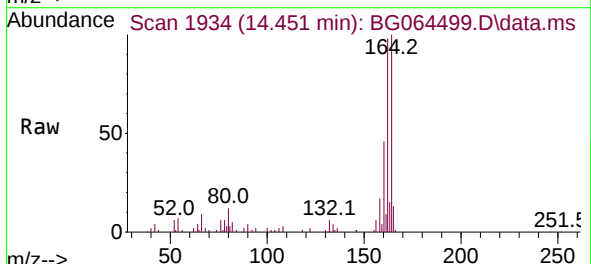
Instrument :
 BNA_G
 ClientSampleId :
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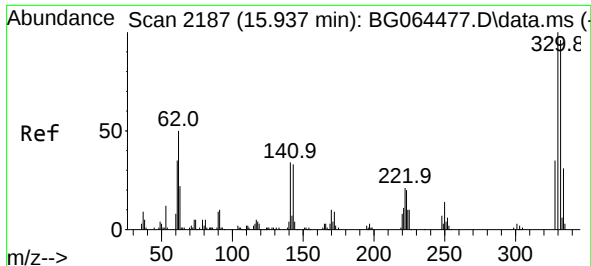
Tgt Ion: 82 Resp: 108636
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.1 49.7
 54 67.8 55.4 83.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.451 min Scan# 1934
 Delta R.T. 0.003 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

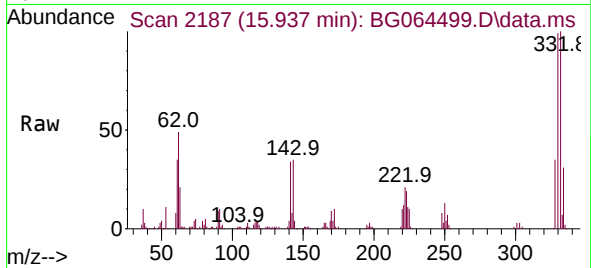
Tgt Ion:164 Resp: 49104
 Ion Ratio Lower Upper
 164 100
 162 97.8 82.2 123.2
 160 45.6 34.3 51.5



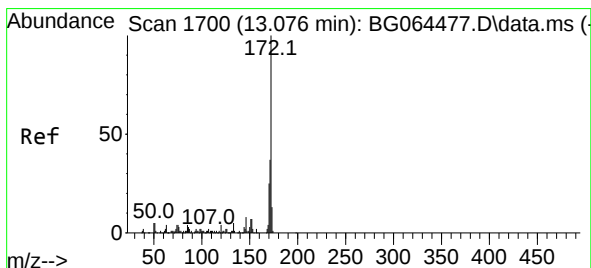
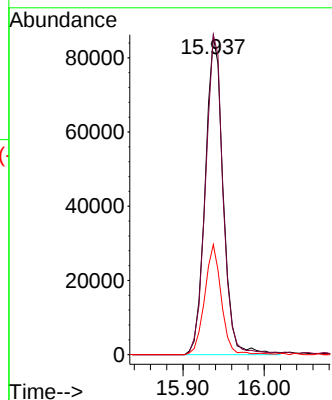
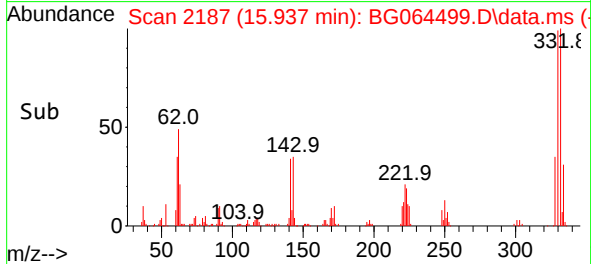


#42
2,4,6-Tribromophenol
Concen: 147.823 ng
RT: 15.937 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

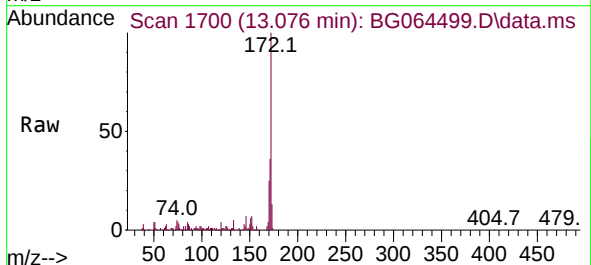
Instrument :
BNA_G
ClientSampleId :
PB170062TB



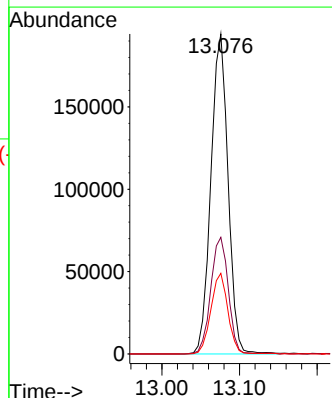
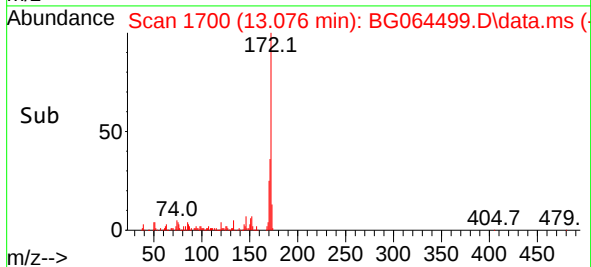
Tgt Ion:330 Resp: 131574
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 31.9 25.8 38.6

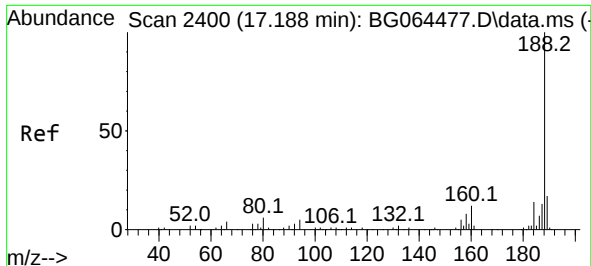


#45
2-Fluorobiphenyl
Concen: 89.441 ng
RT: 13.076 min Scan# 1700
Delta R.T. 0.009 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11



Tgt Ion:172 Resp: 297960
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 25.2 20.2 30.2

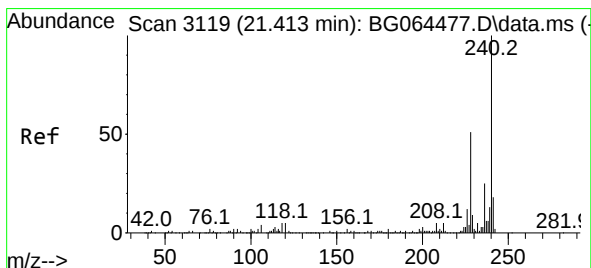
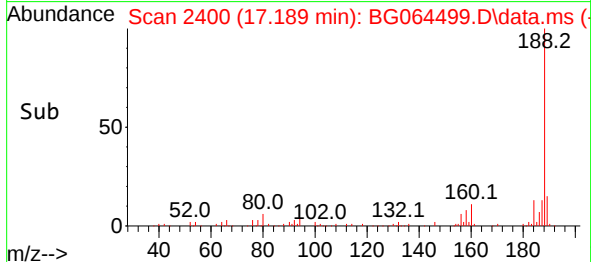
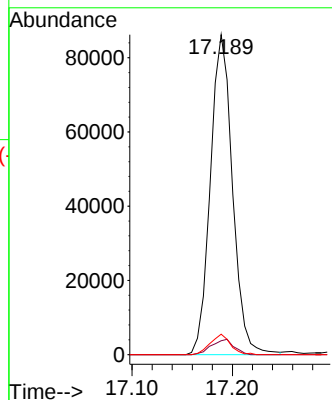
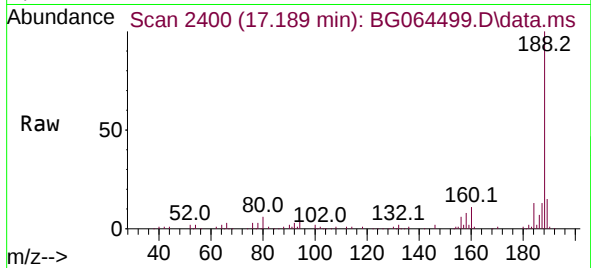




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 2400
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

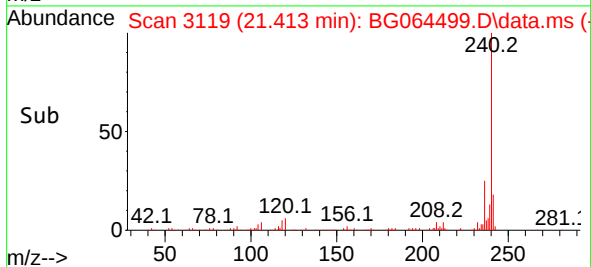
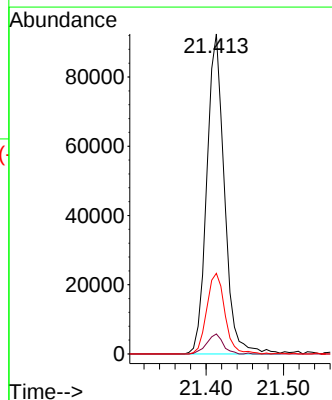
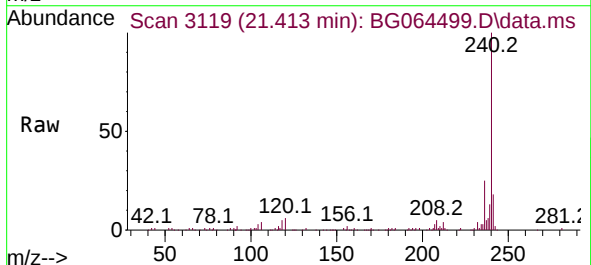
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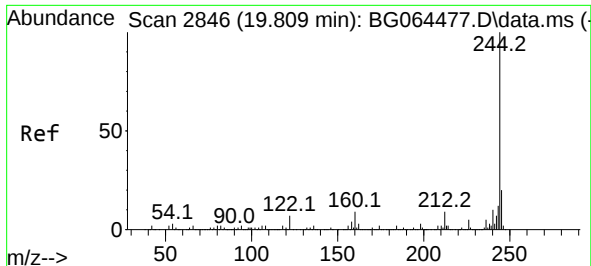
Tgt Ion:188 Resp: 132382
Ion Ratio Lower Upper
188 100
94 4.3 3.7 5.5
80 6.4 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.413 min Scan# 3119
Delta R.T. 0.003 min
Lab File: BG064499.D
Acq: 14 Oct 2025 13:11

Tgt Ion:240 Resp: 145774
Ion Ratio Lower Upper
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120 6.2 4.3 6.5
236 25.2 20.4 30.6

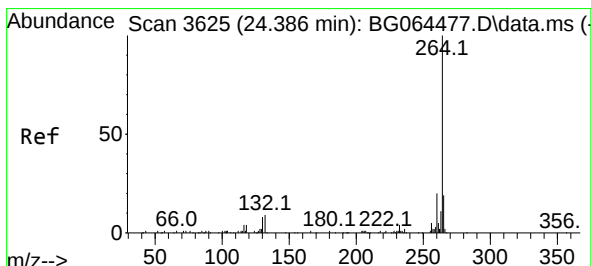
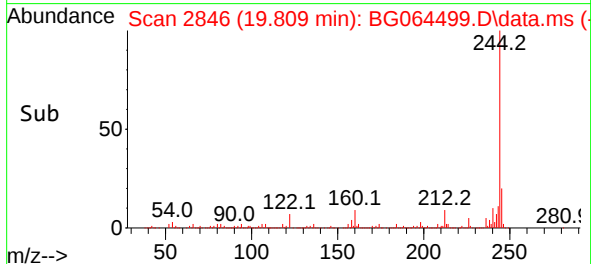
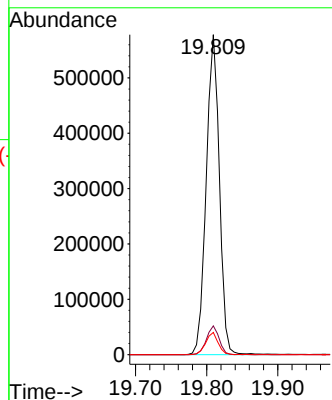
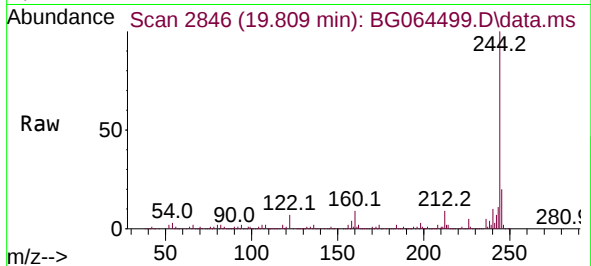




#79
 Terphenyl-d14
 Concen: 95.731 ng
 RT: 19.809 min Scan# 2846
 Delta R.T. 0.003 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

Instrument :
 BNA_G
 ClientSampleId :
 PB170062TB

Tgt Ion:244 Resp: 737390
 Ion Ratio Lower Upper
 244 100
 212 9.0 7.0 10.6
 122 6.9 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.392 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: BG064499.D
 Acq: 14 Oct 2025 13:11

Tgt Ion:264 Resp: 160375
 Ion Ratio Lower Upper
 264 100
 260 23.8 16.2 24.4
 265 19.1 15.0 22.4

