

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101625\
 Data File : BG064515.D
 Acq On : 16 Oct 2025 14:12
 Operator : RC/JU
 Sample : PB170122BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB170122BL

Quant Time: Oct 16 16:25:35 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	7.817	152	13914	20.000	ng	0.00
21) Naphthalene-d8	10.607	136	58993	20.000	ng	# 0.00
39) Acenaphthene-d10	14.444	164	47770	20.000	ng	0.00
64) Phenanthrene-d10	17.188	188	117834	20.000	ng	0.00
76) Chrysene-d12	21.412	240	122157	20.000	ng	0.00
86) Perylene-d12	24.391	264	135886	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	133190	177.154	ng	0.00
7) Phenol-d6	7.000	99	167812	166.095	ng	0.01
23) Nitrobenzene-d5	8.968	82	116222	105.932	ng	0.00
42) 2,4,6-Tribromophenol	15.937	330	135839	156.876	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	319416	98.560	ng	0.00
79) Terphenyl-d14	19.808	244	683299	105.859	ng	0.00

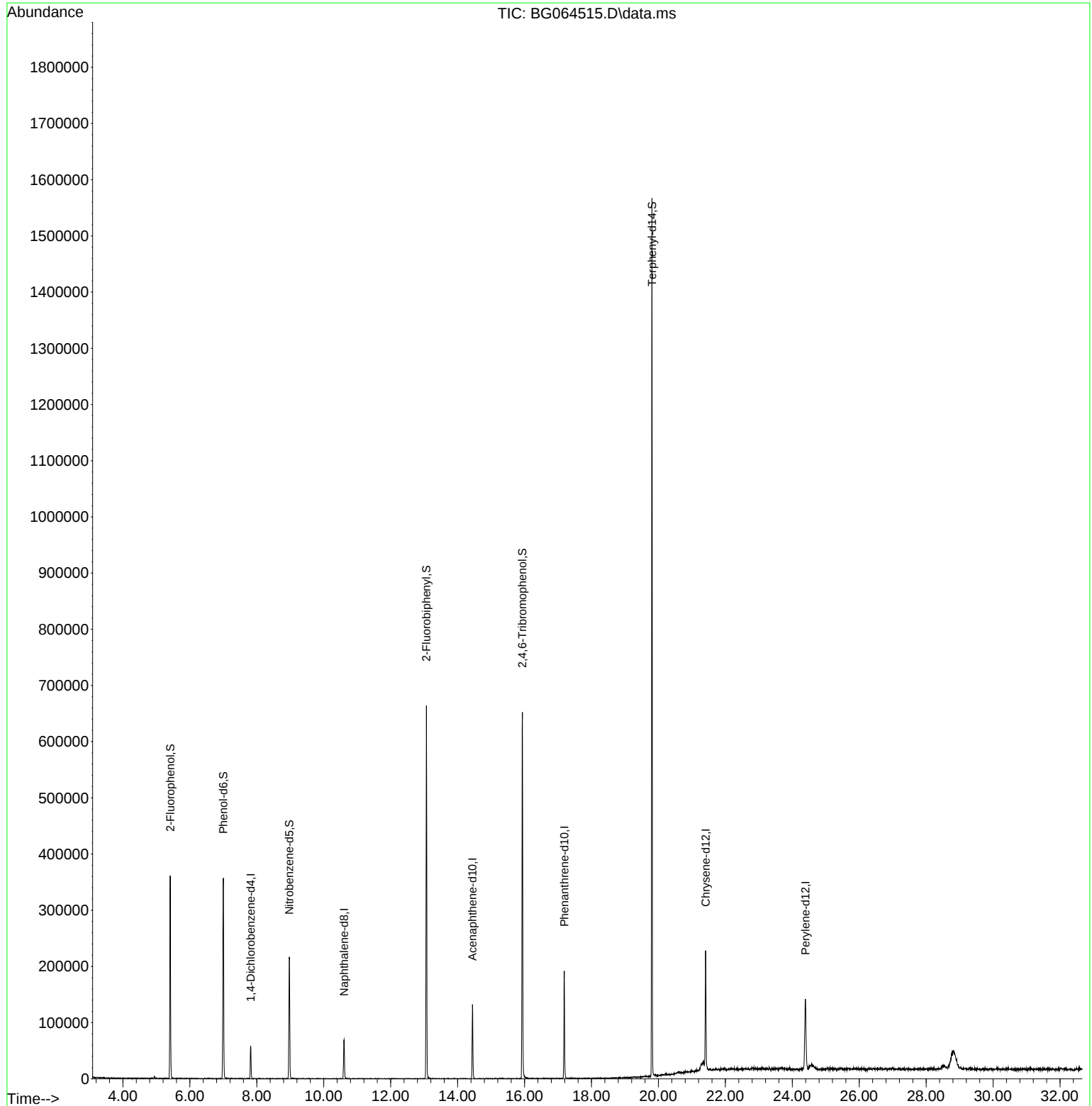
Target Compounds	Qvalue

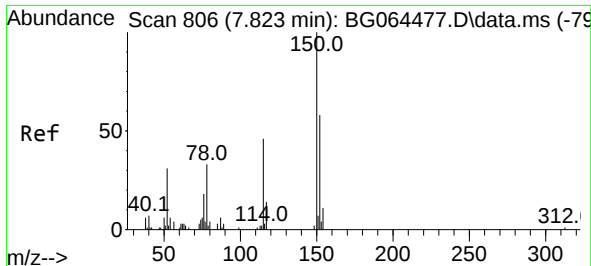
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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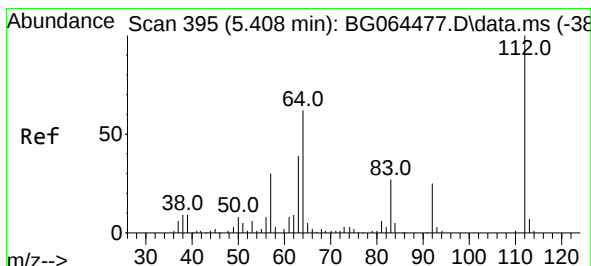
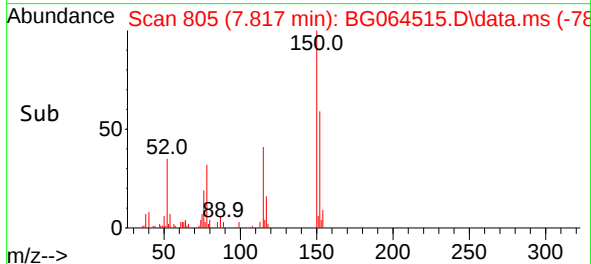
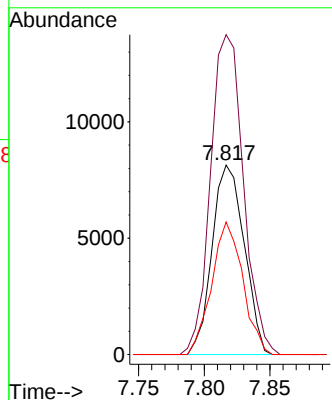
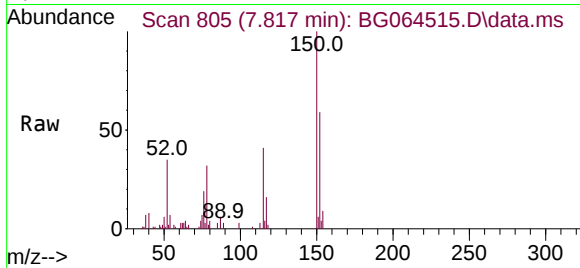




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.817 min Scan# 806
 Delta R.T. -0.003 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12

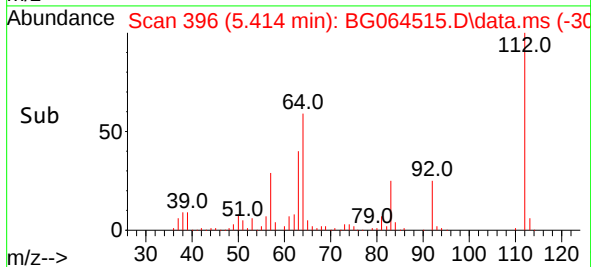
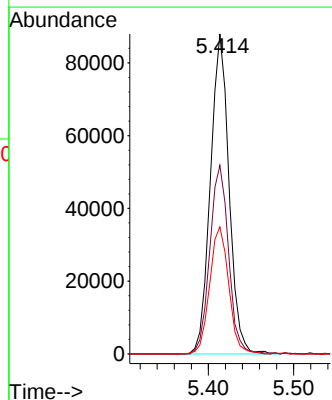
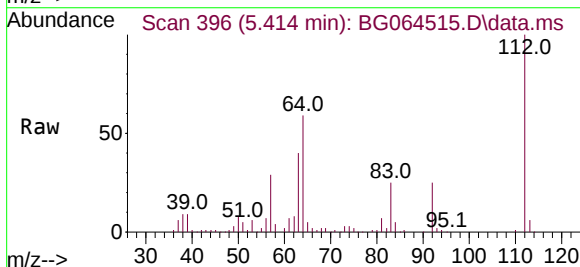
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BL

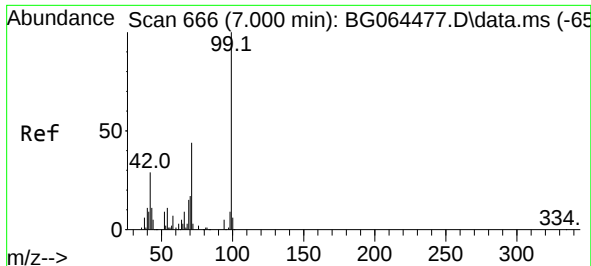
Tgt Ion:152 Resp: 13914
 Ion Ratio Lower Upper
 152 100
 150 168.8 138.6 207.8
 115 70.0 63.4 95.2



#5
 2-Fluorophenol
 Concen: 177.154 ng
 RT: 5.414 min Scan# 396
 Delta R.T. 0.008 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12

Tgt Ion:112 Resp: 133190
 Ion Ratio Lower Upper
 112 100
 64 58.9 49.8 74.8
 63 39.7 31.3 46.9

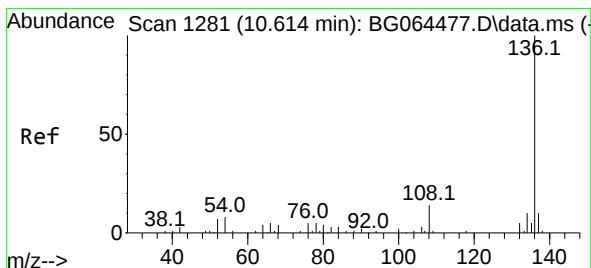
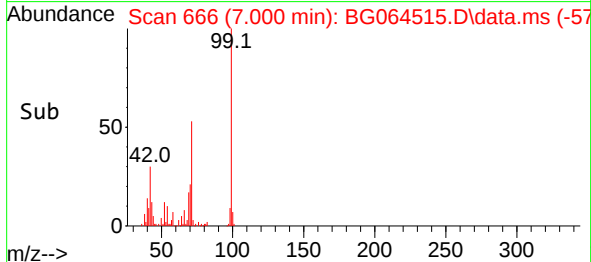
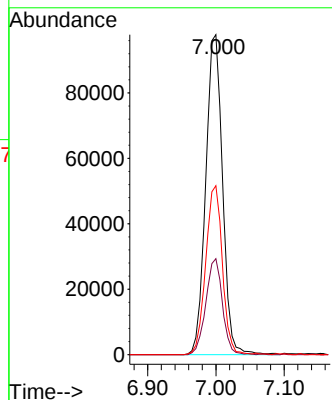
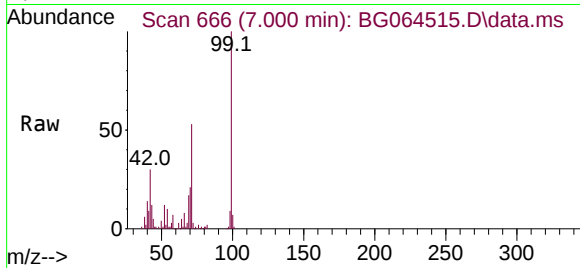




#7
Phenol-d6
Concen: 166.095 ng
RT: 7.000 min Scan# 60
Delta R.T. 0.014 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

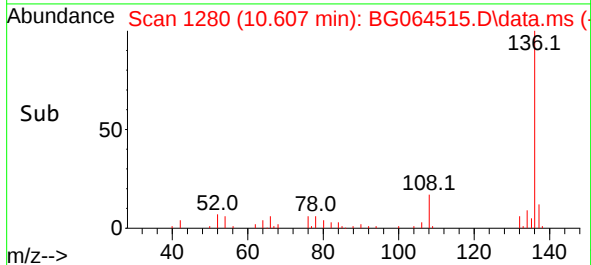
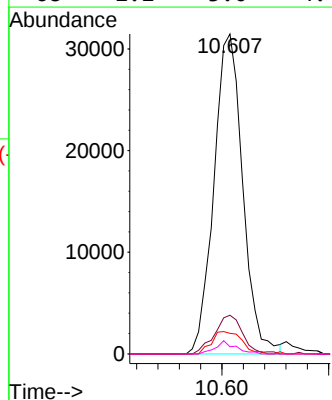
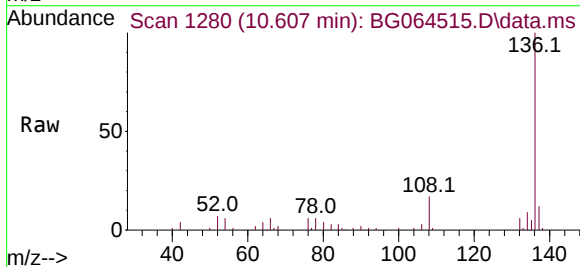
Instrument :
BNA_G
ClientSampleId :
PB170122BL

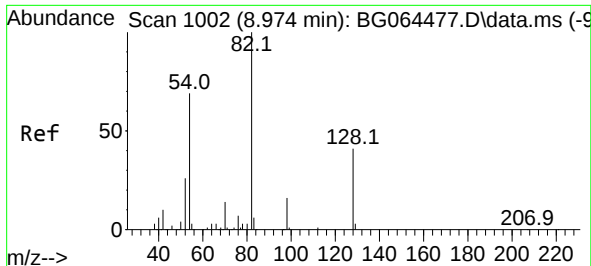
Tgt Ion: 99 Resp: 167812
Ion Ratio Lower Upper
99 100
42 30.0 22.9 34.3
71 52.8 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.607 min Scan# 1280
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:136 Resp: 58993
Ion Ratio Lower Upper
136 100
137 12.1 8.3 12.5
54 6.4 6.2 9.4
68 2.2 3.0 4.4#

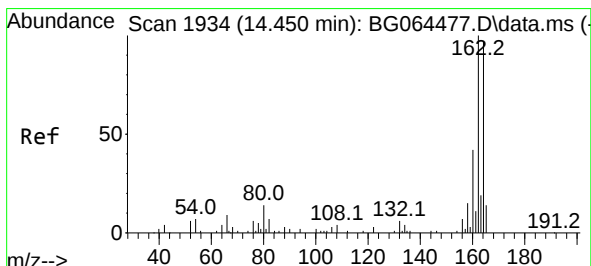
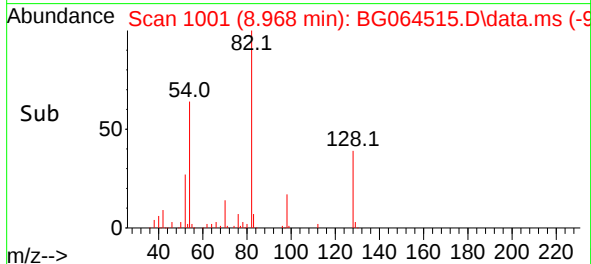
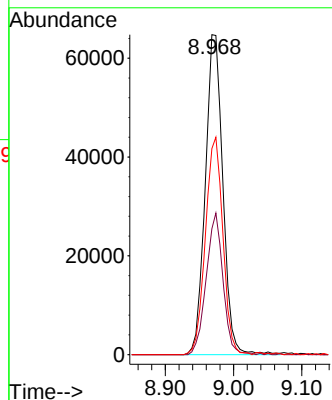
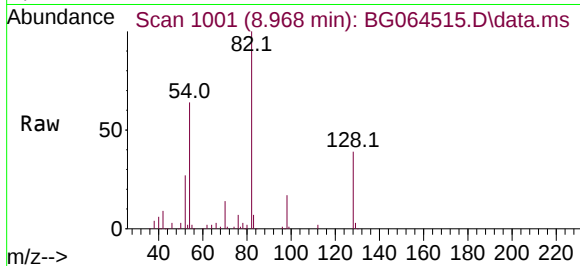




#23
Nitrobenzene-d5
Concen: 105.932 ng
RT: 8.968 min Scan# 1001
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

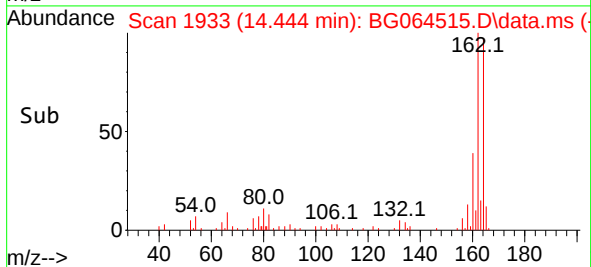
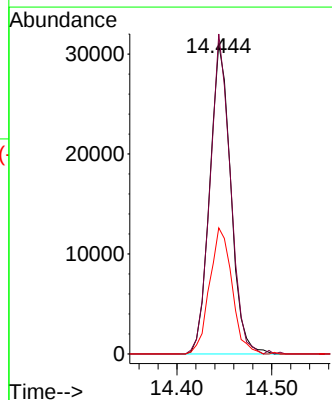
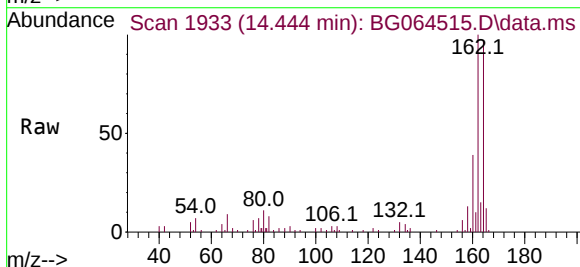
Instrument :
BNA_G
ClientSampleId :
PB170122BL

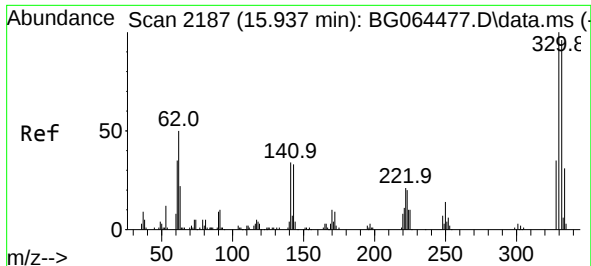
Tgt Ion: 82 Resp: 116222
Ion Ratio Lower Upper
82 100
128 39.3 33.1 49.7
54 64.4 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.444 min Scan# 1933
Delta R.T. -0.004 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

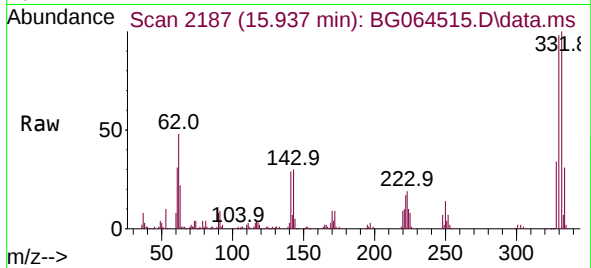
Tgt Ion: 164 Resp: 47770
Ion Ratio Lower Upper
164 100
162 103.2 82.2 123.2
160 40.6 34.3 51.5



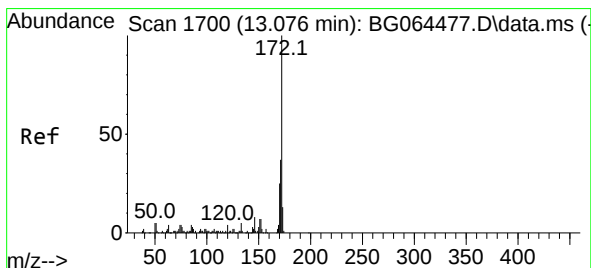
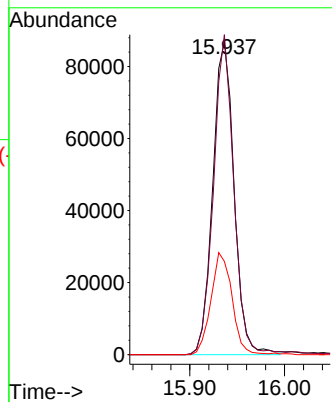
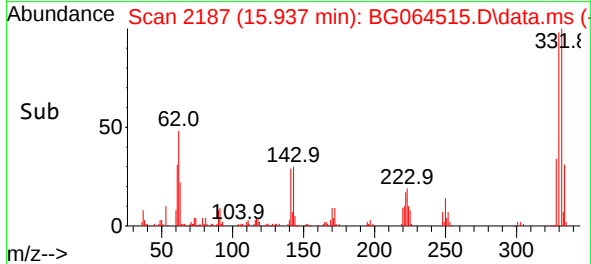


#42
 2,4,6-Tribromophenol
 Concen: 156.876 ng
 RT: 15.937 min Scan# 2187
 Delta R.T. 0.002 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12

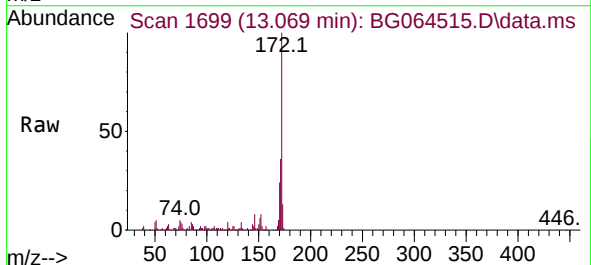
Instrument :
 BNA_G
 ClientSampleId :
 PB170122BL



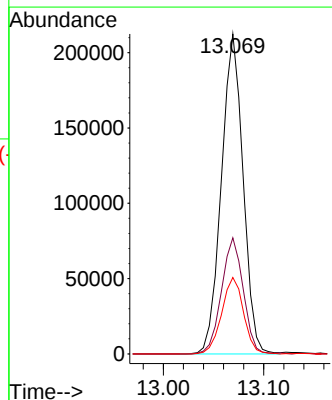
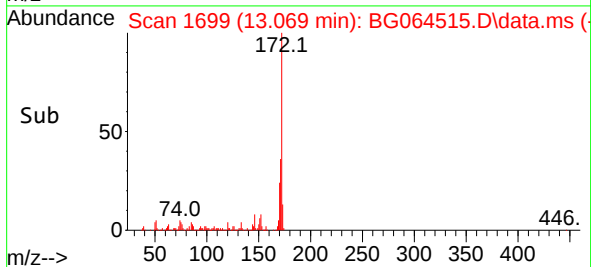
Tgt Ion:330 Resp: 135839
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.0
 141 32.1 25.8 38.6

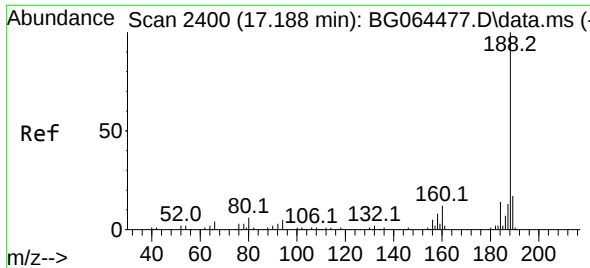


#45
 2-Fluorobiphenyl
 Concen: 98.560 ng
 RT: 13.069 min Scan# 1699
 Delta R.T. 0.002 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12



Tgt Ion:172 Resp: 319416
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 20.2 30.2

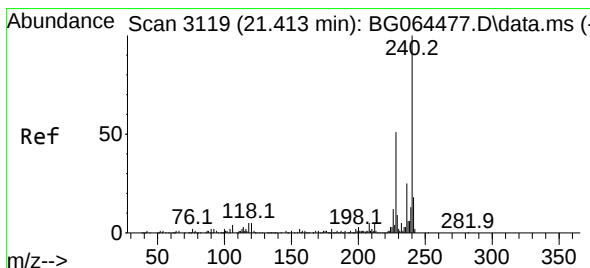
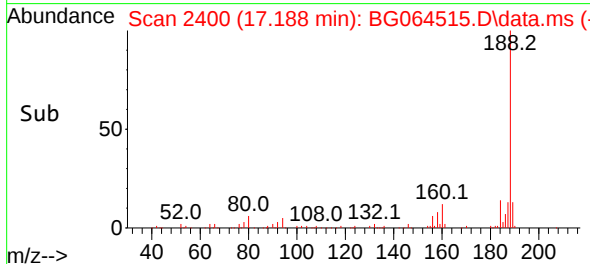
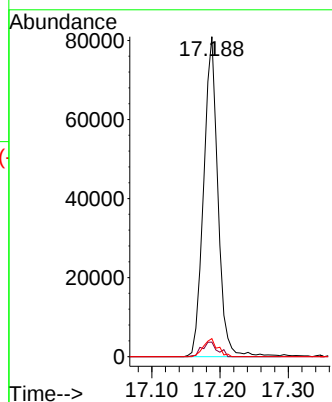
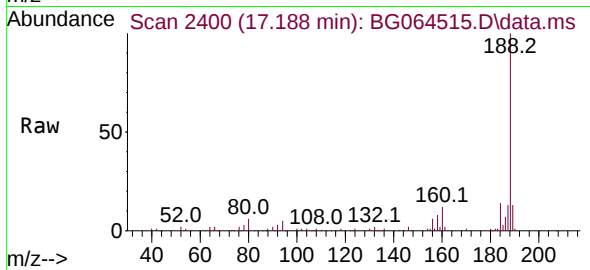




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.188 min Scan# 2400
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

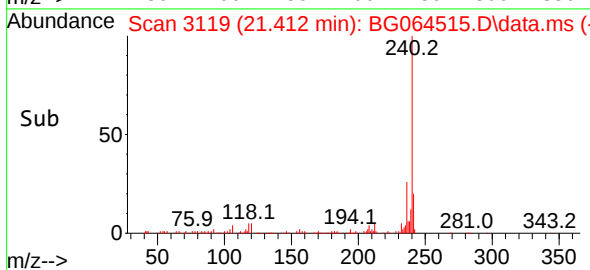
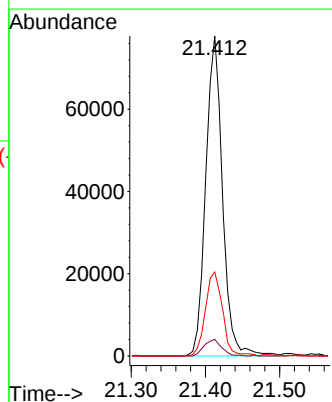
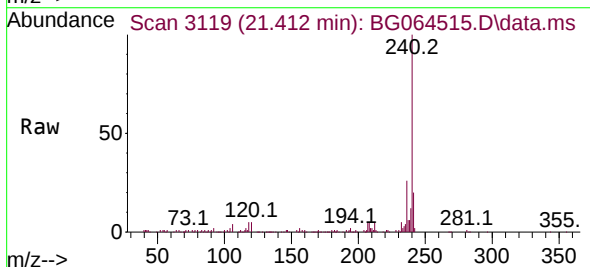
Instrument :
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ClientSampleId :
PB170122BL

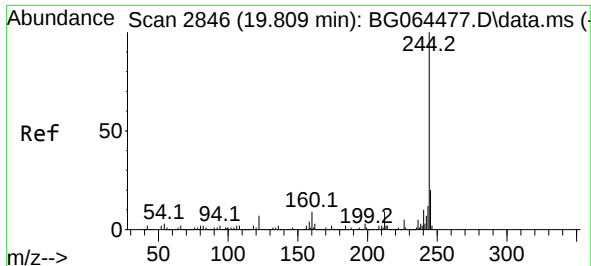
Tgt Ion:188 Resp: 117834
Ion Ratio Lower Upper
188 100
94 4.5 3.7 5.5
80 5.6 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.412 min Scan# 3119
Delta R.T. 0.002 min
Lab File: BG064515.D
Acq: 16 Oct 2025 14:12

Tgt Ion:240 Resp: 122157
Ion Ratio Lower Upper
240 100
120 5.2 4.3 6.5
236 26.2 20.4 30.6

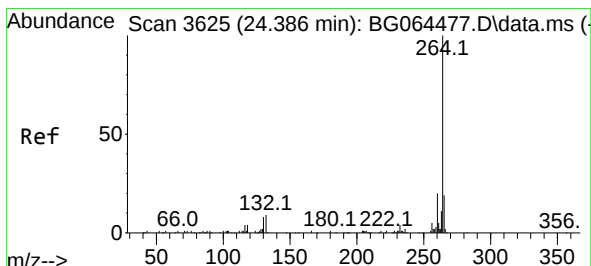
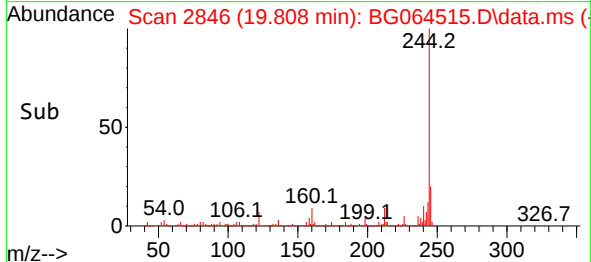
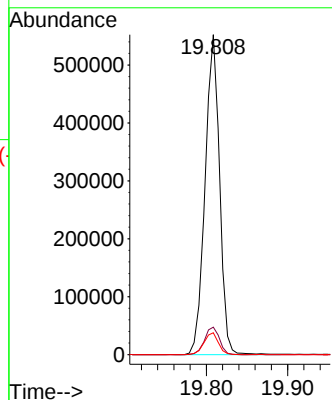
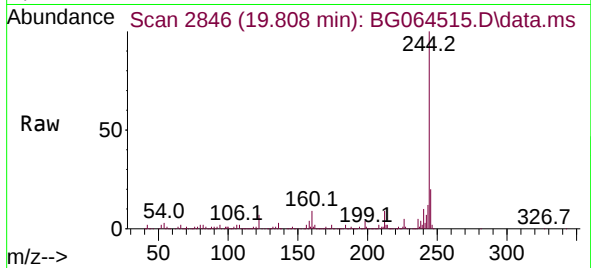




#79
 Terphenyl-d14
 Concen: 105.859 ng
 RT: 19.808 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12

Instrument :
 BNA_G
 ClientSampleId :
 PB170122BL

Tgt Ion:244 Resp: 683299
 Ion Ratio Lower Upper
 244 100
 212 8.6 7.0 10.6
 122 6.8 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.391 min Scan# 3626
 Delta R.T. 0.002 min
 Lab File: BG064515.D
 Acq: 16 Oct 2025 14:12

Tgt Ion:264 Resp: 135886
 Ion Ratio Lower Upper
 264 100
 260 23.0 16.2 24.4
 265 20.5 15.0 22.4

