

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101425\
 Data File : BG064502.D
 Acq On : 14 Oct 2025 16:12
 Operator : RC/JU
 Sample : Q3321-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01

Quant Time: Oct 14 16:54:53 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	7.824	152	17336	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	67622	20.000	ng	0.00
39) Acenaphthene-d10	14.446	164	47788	20.000	ng	0.00
64) Phenanthrene-d10	17.190	188	118948	20.000	ng	0.00
76) Chrysene-d12	21.408	240	144130	20.000	ng	0.00
86) Perylene-d12	24.387	264	157782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	146708	156.616	ng	0.00
7) Phenol-d6	7.001	99	171559	136.286	ng	0.02
23) Nitrobenzene-d5	8.976	82	135593	107.817	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	143137	165.242	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	346389	106.842	ng	0.00
79) Terphenyl-d14	19.804	244	774254	101.663	ng	0.00

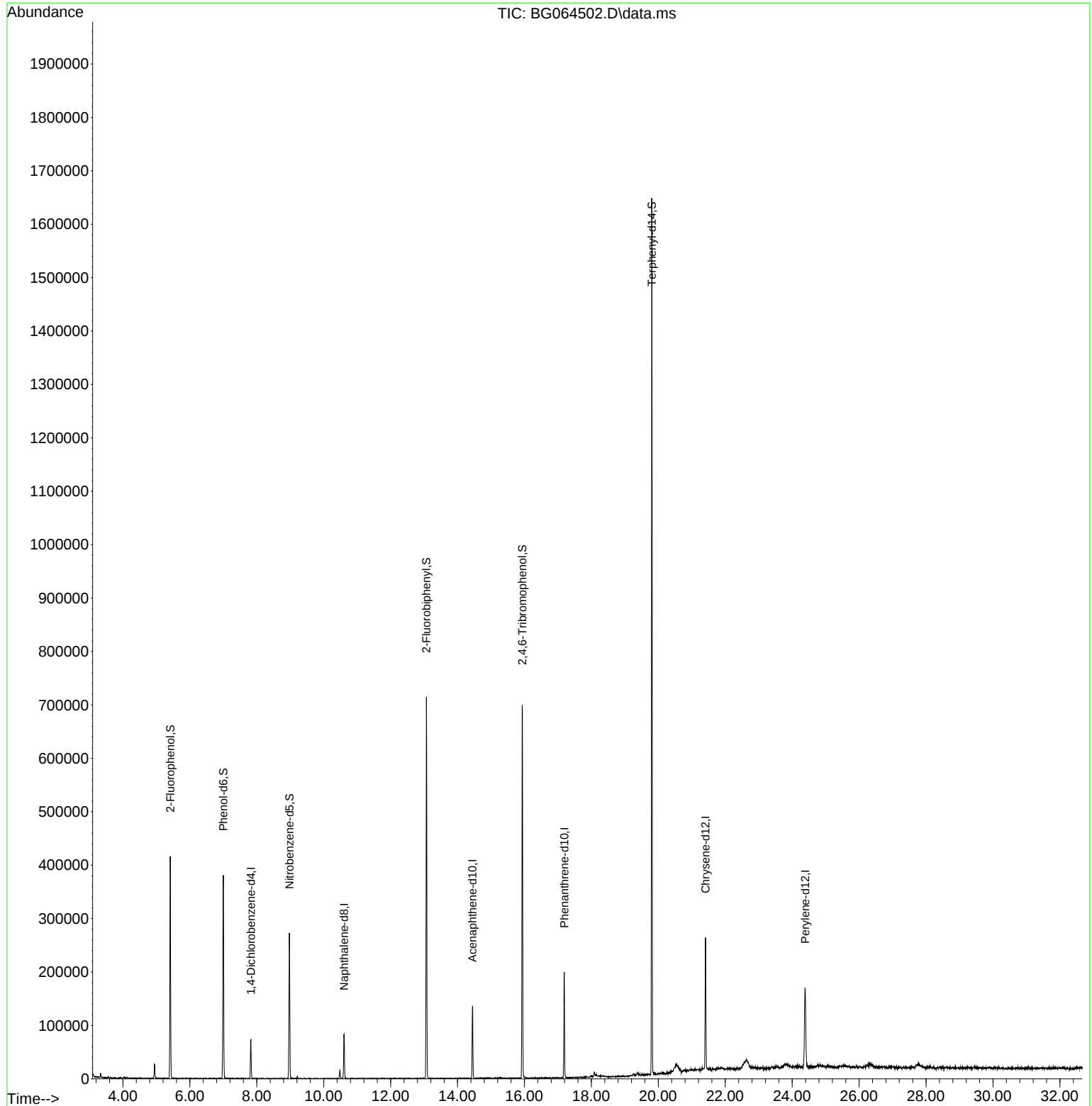
Target Compounds	Qvalue

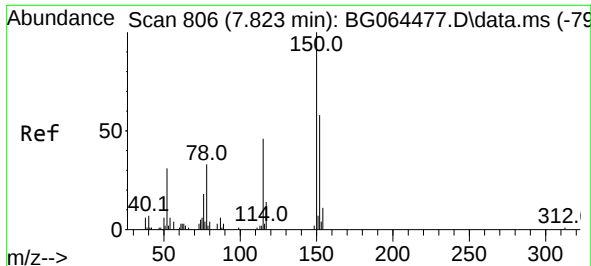
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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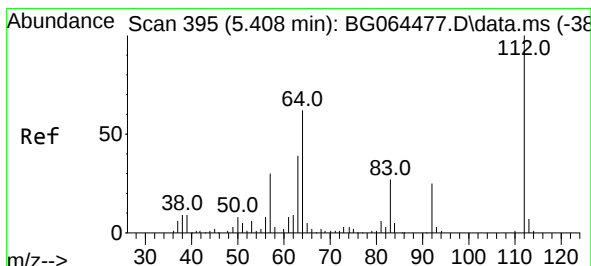
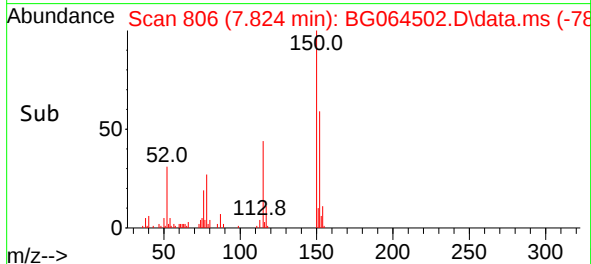
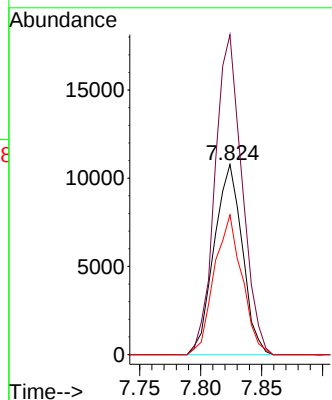
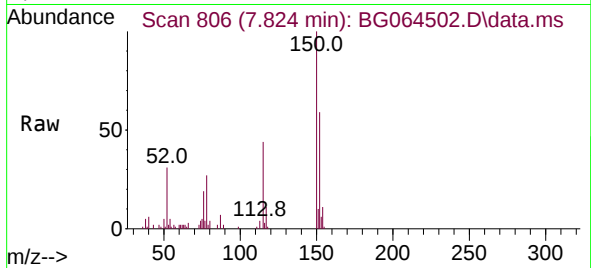




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 806
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

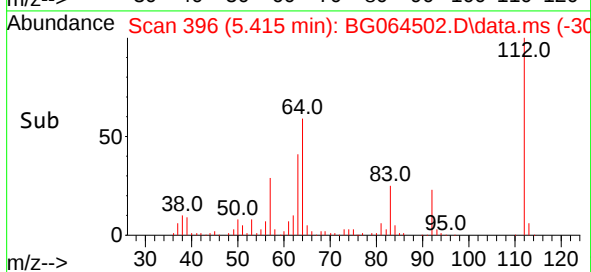
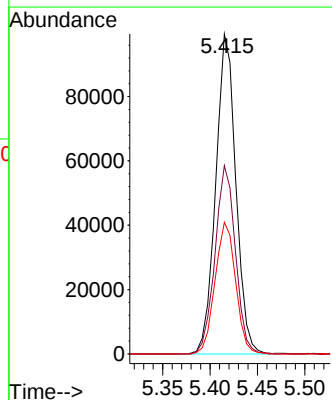
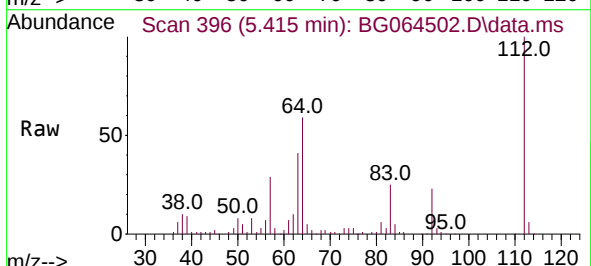
Instrument :
BNA_G
ClientSampleId :
P001-DS-01

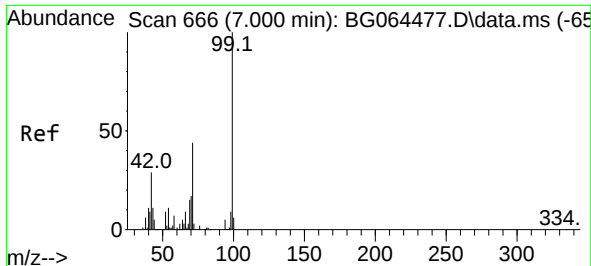
Tgt Ion:	152	Resp:	17336
Ion Ratio	Lower	Upper	
152	100		
150	168.3	138.6	207.8
115	73.5	63.4	95.2



#5
2-Fluorophenol
Concen: 156.616 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:	112	Resp:	146708
Ion Ratio	Lower	Upper	
112	100		
64	58.8	49.8	74.8
63	41.1	31.3	46.9

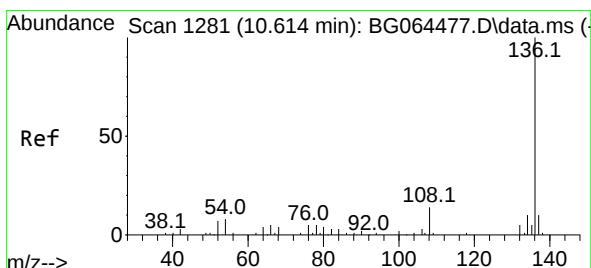
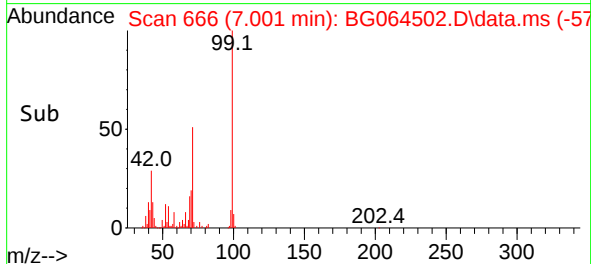
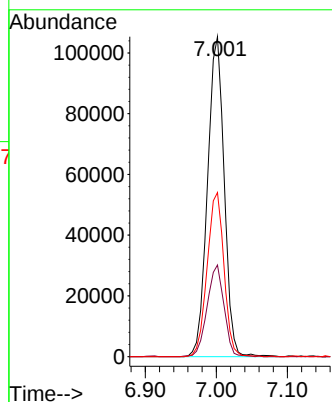
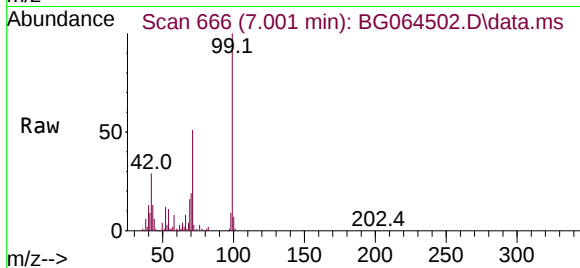




#7
Phenol-d6
Concen: 136.286 ng
RT: 7.001 min Scan# 60
Delta R.T. 0.015 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

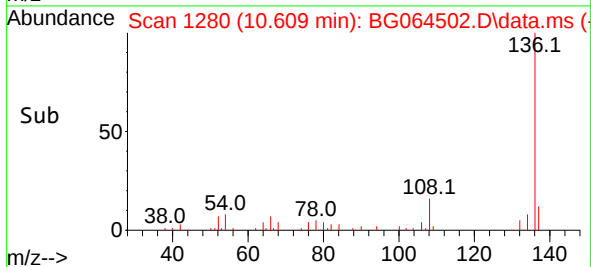
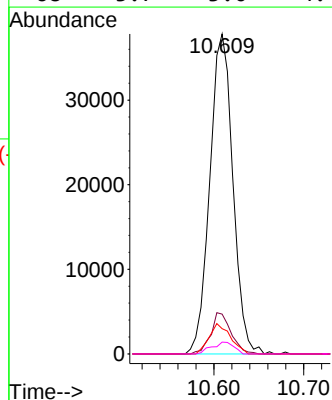
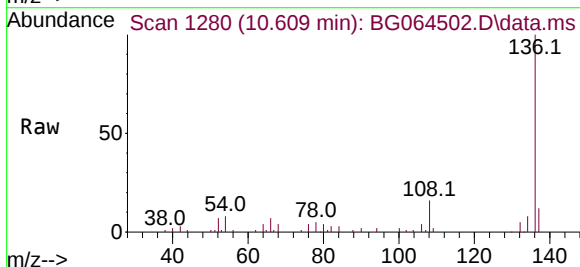
Instrument :
BNA_G
ClientSampleId :
P001-DS-01

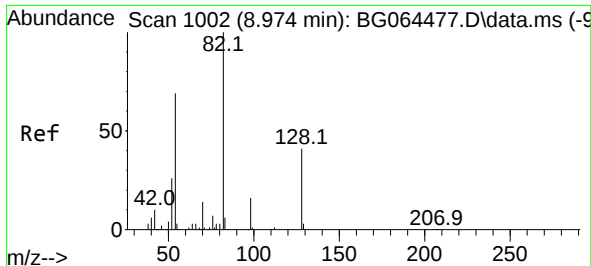
Tgt Ion: 99 Resp: 171559
Ion Ratio Lower Upper
99 100
42 28.6 22.9 34.3
71 51.3 35.4 53.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:136 Resp: 67622
Ion Ratio Lower Upper
136 100
137 12.4 8.3 12.5
54 7.9 6.2 9.4
68 3.7 3.0 4.4

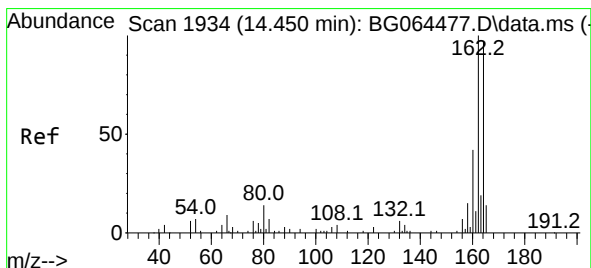
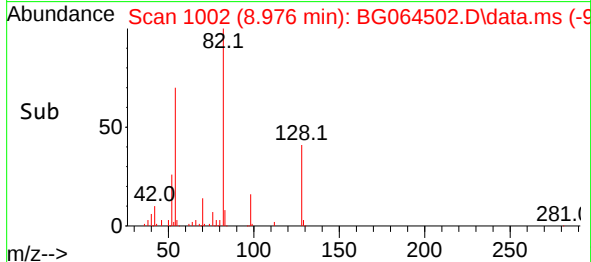
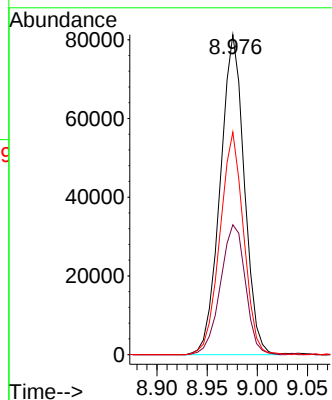
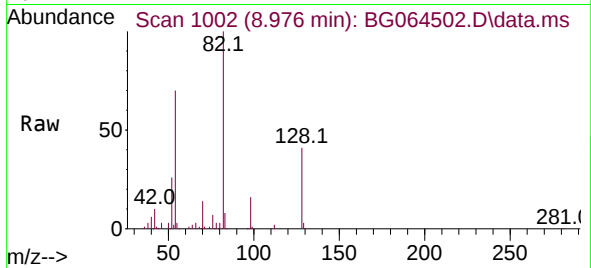




#23
Nitrobenzene-d5
Concen: 107.817 ng
RT: 8.976 min Scan# 10
Delta R.T. 0.009 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

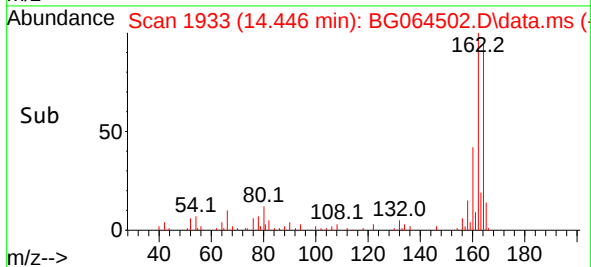
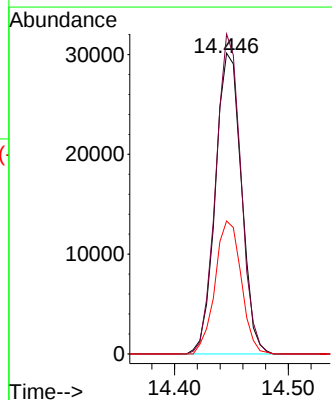
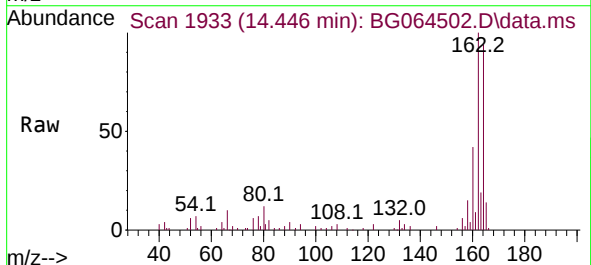
Instrument :
BNA_G
ClientSampleId :
P001-DS-01

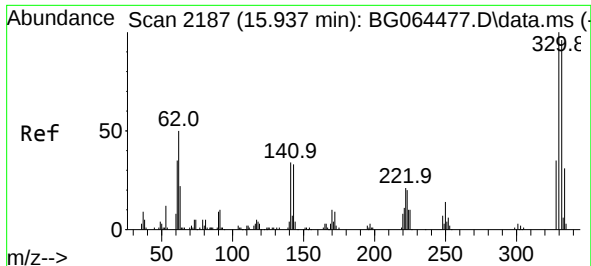
Tgt Ion: 82 Resp: 135593
Ion Ratio Lower Upper
82 100
128 40.6 33.1 49.7
54 69.5 55.4 83.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1933
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

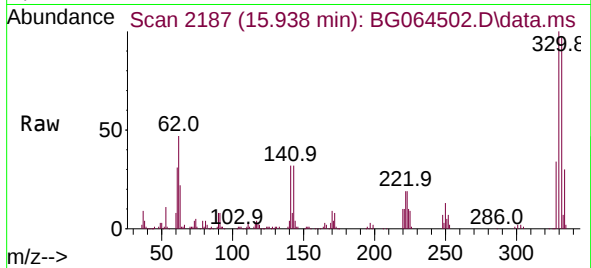
Tgt Ion:164 Resp: 47788
Ion Ratio Lower Upper
164 100
162 106.4 82.2 123.2
160 44.2 34.3 51.5



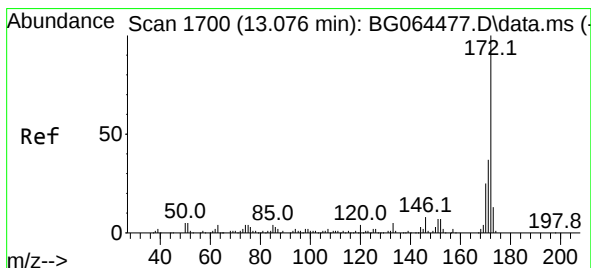
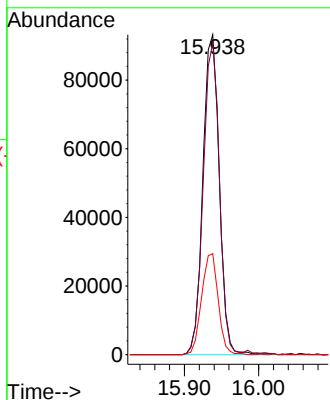
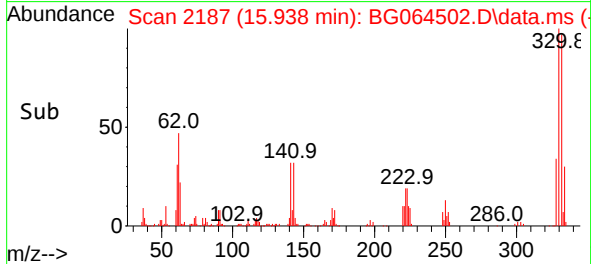


#42
2,4,6-Tribromophenol
Concen: 165.242 ng
RT: 15.938 min Scan# 2187
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

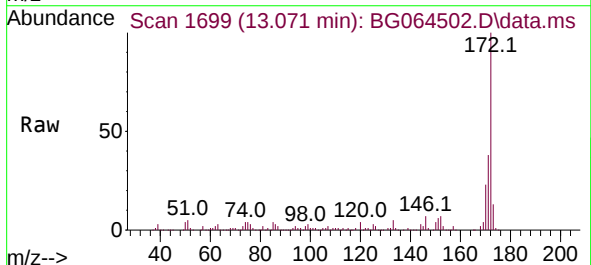
Instrument :
BNA_G
ClientSampleId :
P001-DS-01



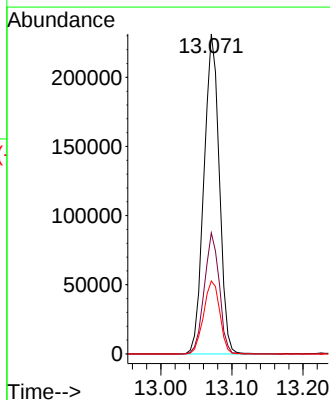
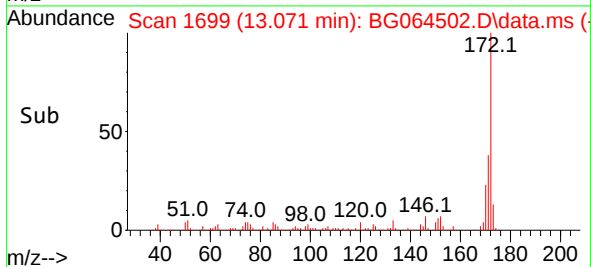
Tgt Ion:330 Resp: 143137
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 31.9 25.8 38.6

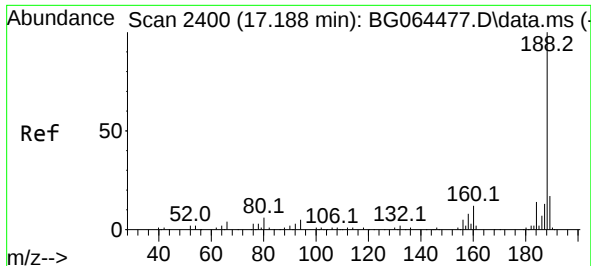


#45
2-Fluorobiphenyl
Concen: 106.842 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12



Tgt Ion:172 Resp: 346389
Ion Ratio Lower Upper
172 100
171 37.8 29.6 44.4
170 22.8 20.2 30.2

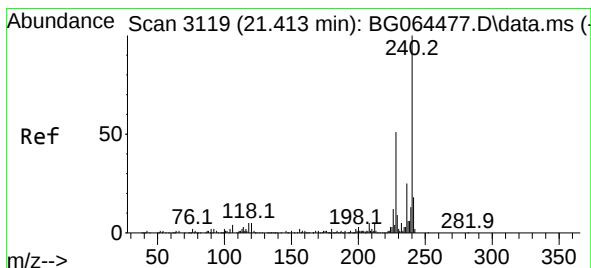
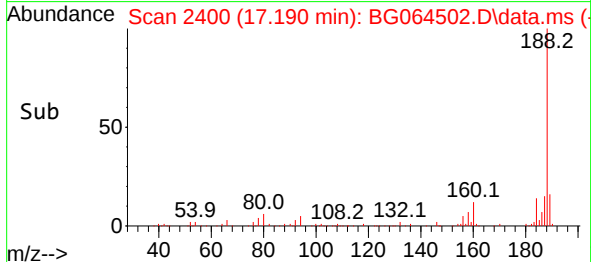
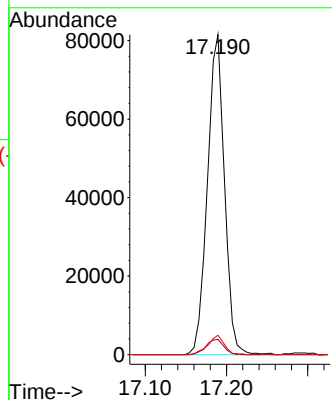
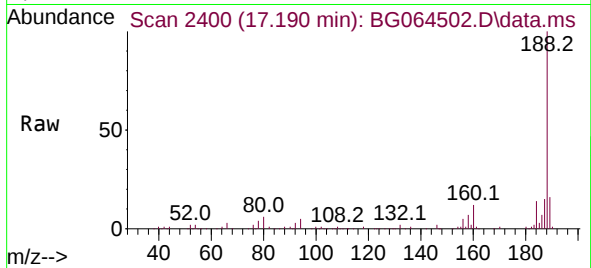




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.190 min Scan# 2400
Delta R.T. 0.004 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

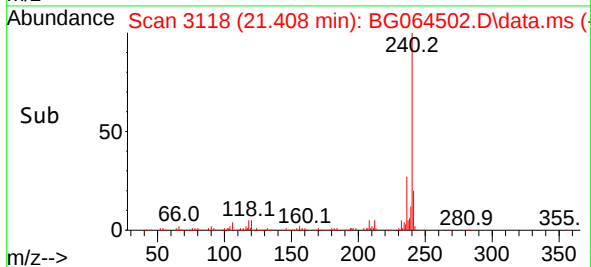
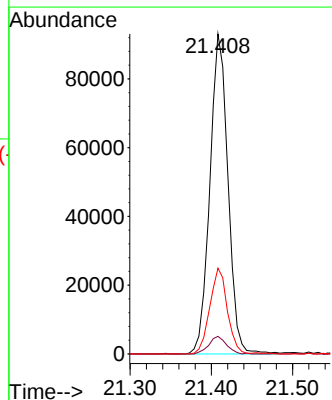
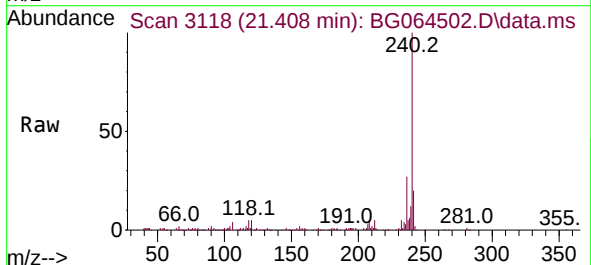
Instrument :
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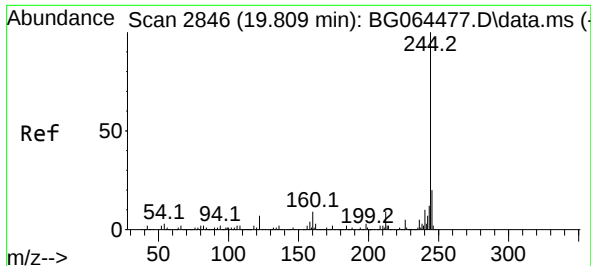
Tgt Ion:188 Resp: 118948
Ion Ratio Lower Upper
188 100
94 4.7 3.7 5.5
80 6.0 4.5 6.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064502.D
Acq: 14 Oct 2025 16:12

Tgt Ion:240 Resp: 144130
Ion Ratio Lower Upper
240 100
120 5.5 4.3 6.5
236 26.8 20.4 30.6

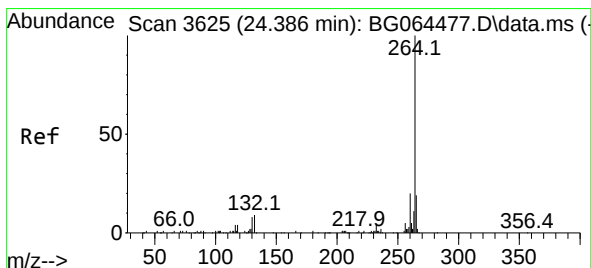
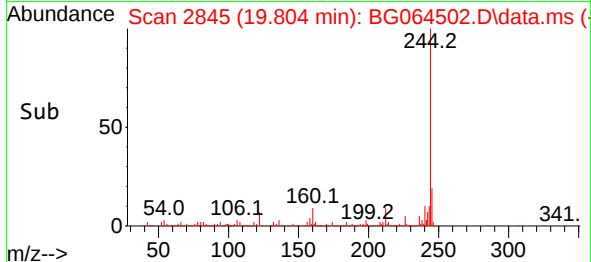
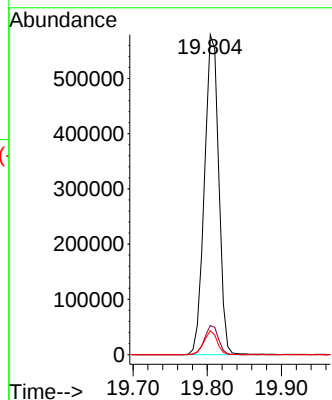
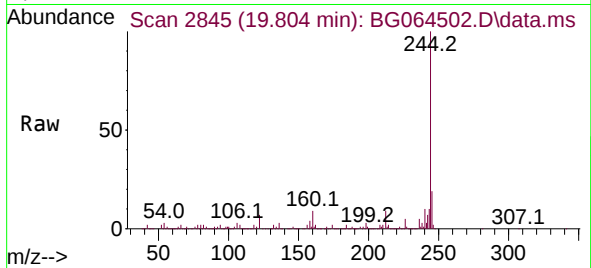




#79
 Terphenyl-d14
 Concen: 101.663 ng
 RT: 19.804 min Scan# 2845
 Delta R.T. -0.002 min
 Lab File: BG064502.D
 Acq: 14 Oct 2025 16:12

Instrument :
 BNA_G
 ClientSampleId :
 P001-DS-01

Tgt Ion:244 Resp: 774254
 Ion Ratio Lower Upper
 244 100
 212 9.1 7.0 10.6
 122 7.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.387 min Scan# 3625
 Delta R.T. -0.002 min
 Lab File: BG064502.D
 Acq: 14 Oct 2025 16:12

Tgt Ion:264 Resp: 157782
 Ion Ratio Lower Upper
 264 100
 260 22.0 16.2 24.4
 265 20.2 15.0 22.4

