

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092925\
 Data File : BG064457.D
 Acq On : 29 Sep 2025 13:02
 Operator : RC/JU
 Sample : PB169873BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB169873BL

Quant Time: Sep 29 18:11:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG092525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 29 18:04:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.838	152	15751	20.000	ng	0.00
21) Naphthalene-d8	10.623	136	63617	20.000	ng	# 0.00
39) Acenaphthene-d10	14.460	164	53384	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	149845	20.000	ng	# 0.00
76) Chrysene-d12	21.428	240	170237	20.000	ng	0.00
86) Perylene-d12	24.424	264	187310	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.429	112	118221	143.429	ng	0.00
7) Phenol-d6	7.010	99	158449	140.318	ng	0.00
23) Nitrobenzene-d5	8.990	82	106882	91.052	ng	0.00
42) 2,4,6-Tribromophenol	15.952	330	134606	144.434	ng	0.00
45) 2-Fluorobiphenyl	13.085	172	284697	78.750	ng	0.00
79) Terphenyl-d14	19.824	244	803405	93.032	ng	0.00

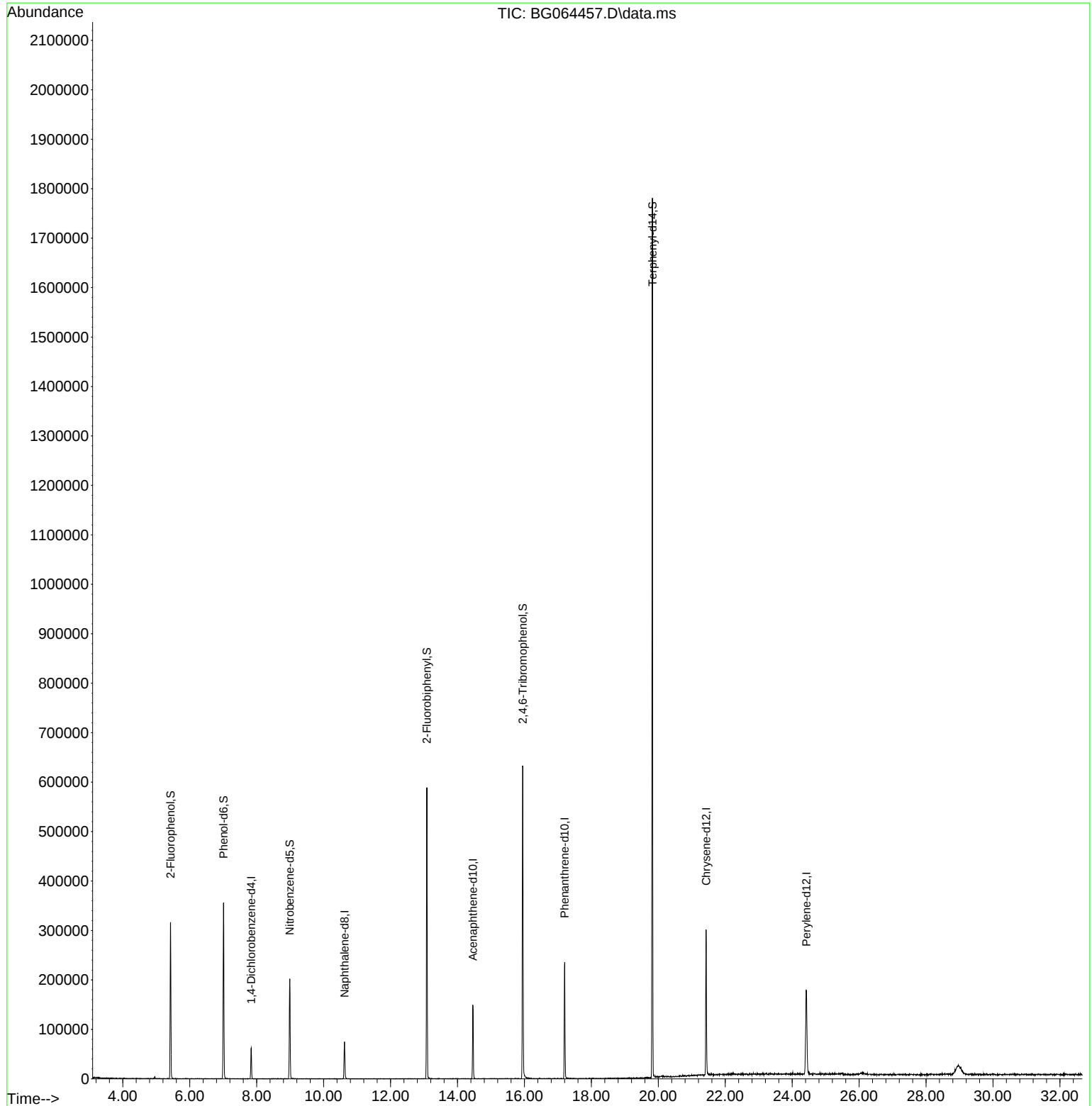
Target Compounds	Qvalue

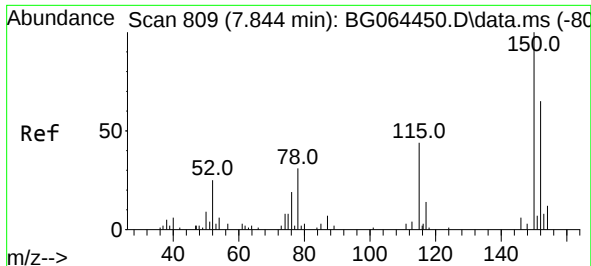
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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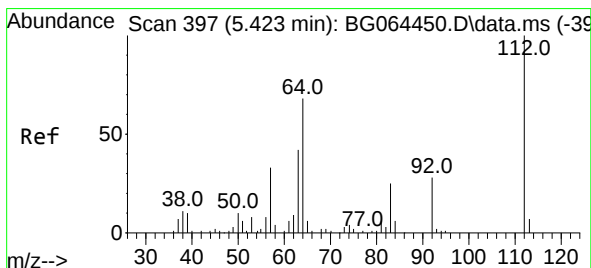
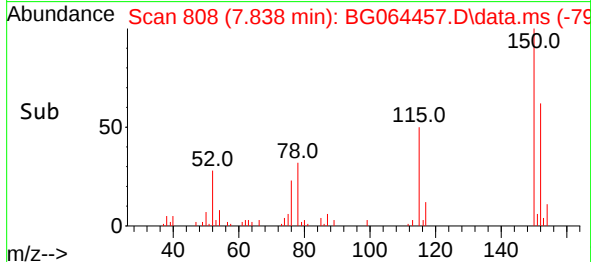
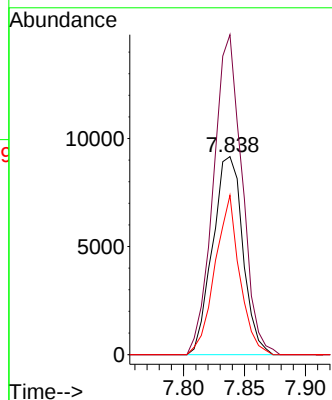
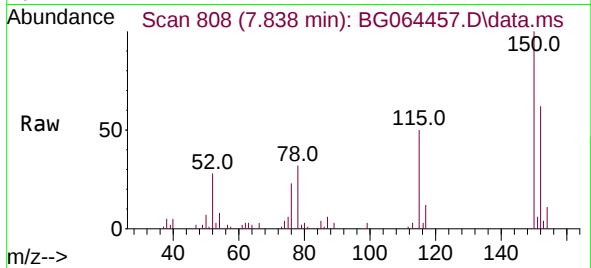




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.838 min Scan# 809
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

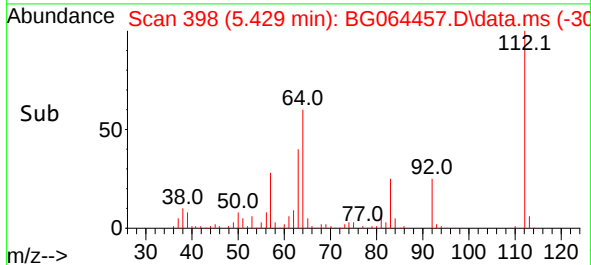
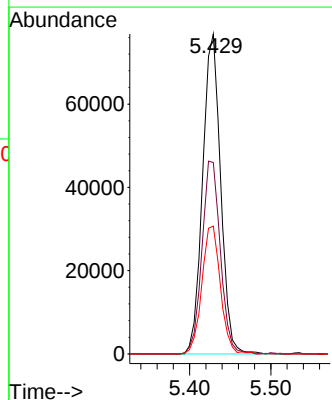
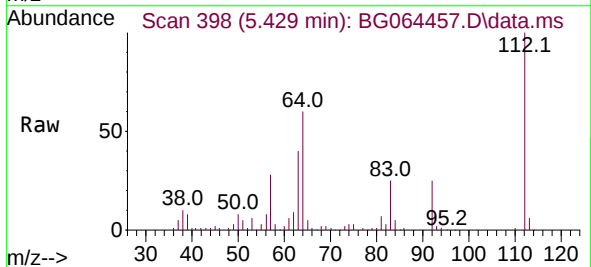
Instrument :
BNA_G
ClientSampleId :
PB169873BL

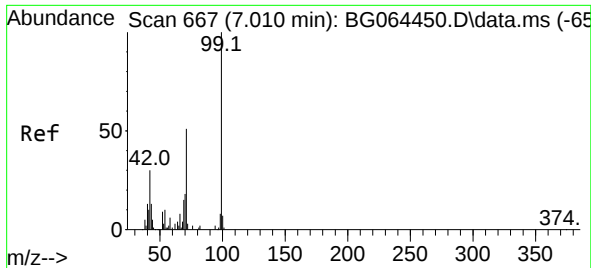
Tgt Ion:152 Resp: 15751
Ion Ratio Lower Upper
152 100
150 161.5 122.9 184.3
115 80.4 54.3 81.5



#5
2-Fluorophenol
Concen: 143.429 ng
RT: 5.429 min Scan# 398
Delta R.T. 0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:112 Resp: 118221
Ion Ratio Lower Upper
112 100
64 59.9 54.0 81.0
63 40.0 33.8 50.6

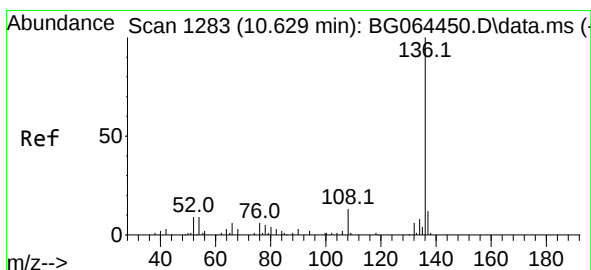
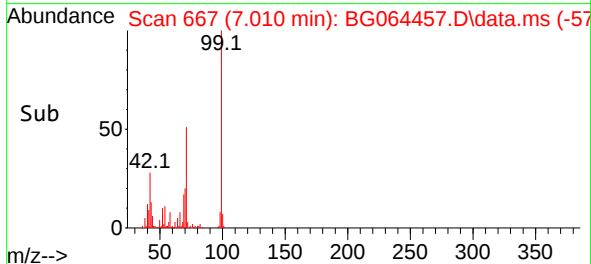
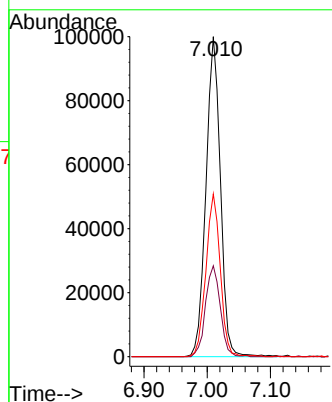
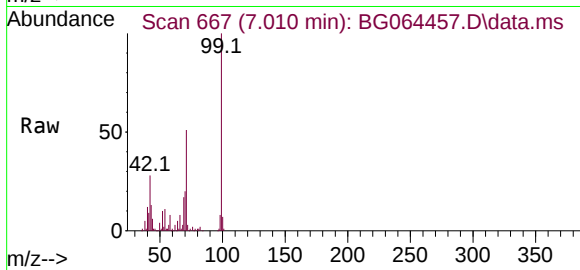




#7
Phenol-d6
Concen: 140.318 ng
RT: 7.010 min Scan# 60
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

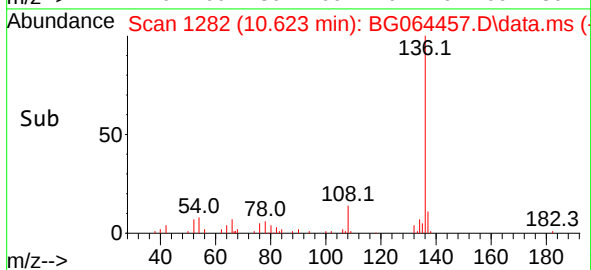
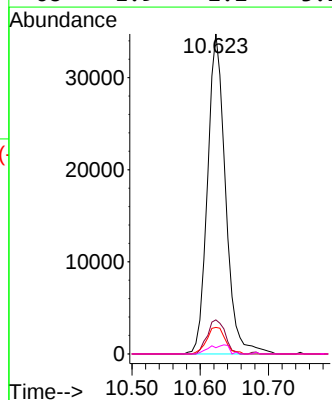
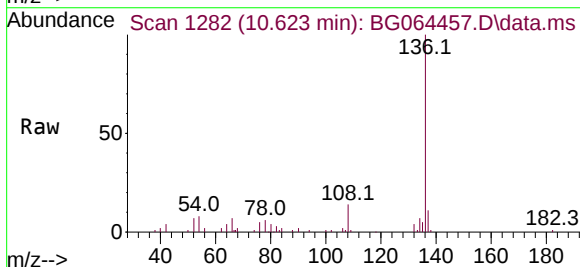
Instrument :
BNA_G
ClientSampleId :
PB169873BL

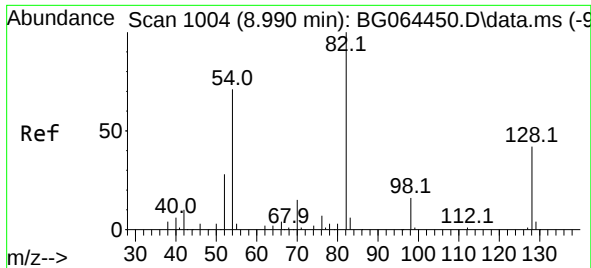
Tgt Ion: 99 Resp: 158449
Ion Ratio Lower Upper
99 100
42 28.4 24.0 36.0
71 50.8 40.5 60.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.623 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion: 136 Resp: 63617
Ion Ratio Lower Upper
136 100
137 10.6 9.6 14.4
54 8.3 7.4 11.2
68 1.9 2.2 3.2#





#23
Nitrobenzene-d5
Concen: 91.052 ng
RT: 8.990 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

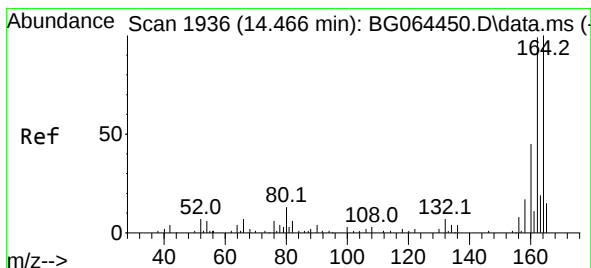
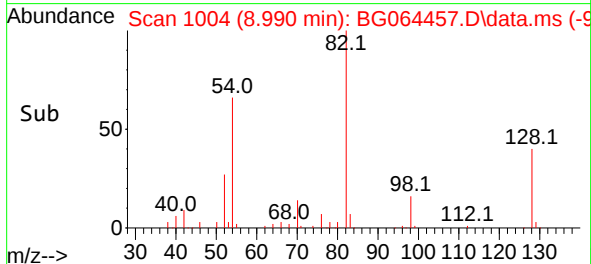
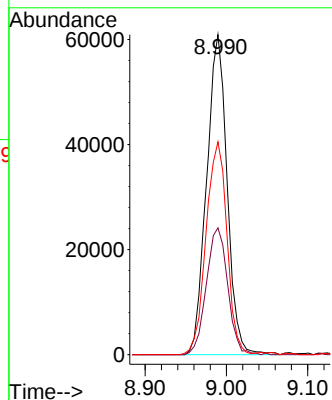
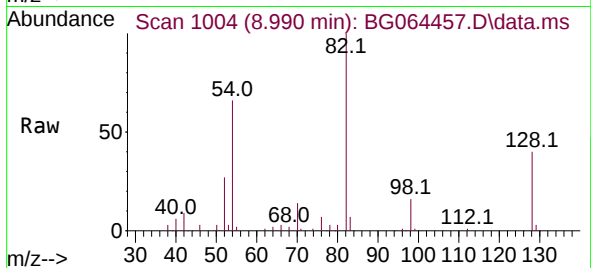
Instrument :

BNA_G

ClientSampleId :

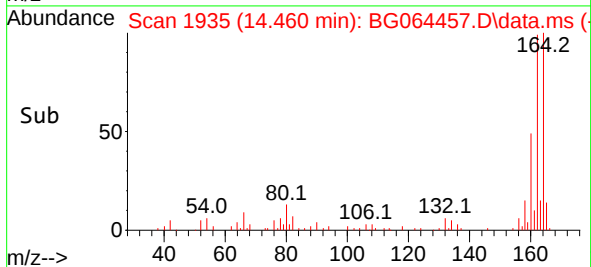
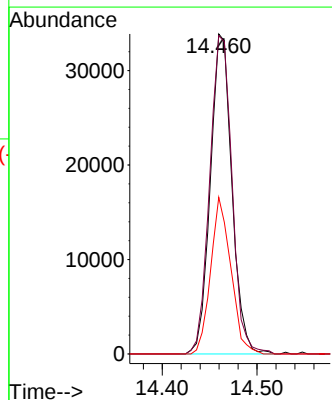
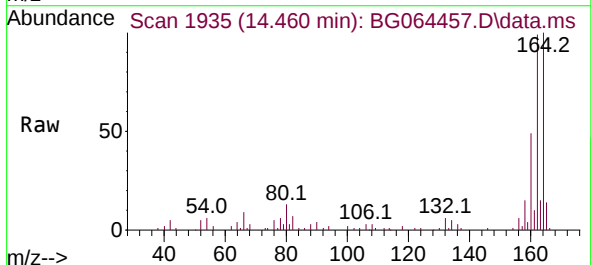
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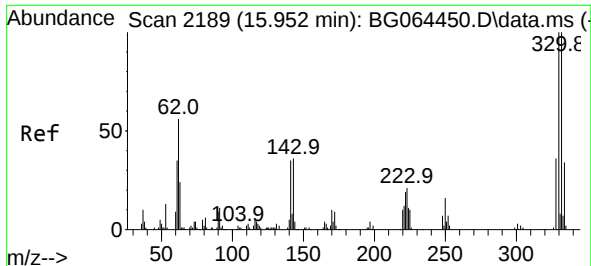
Tgt Ion: 82 Resp: 106882
Ion Ratio Lower Upper
82 100
128 39.6 33.7 50.5
54 66.5 57.0 85.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.460 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

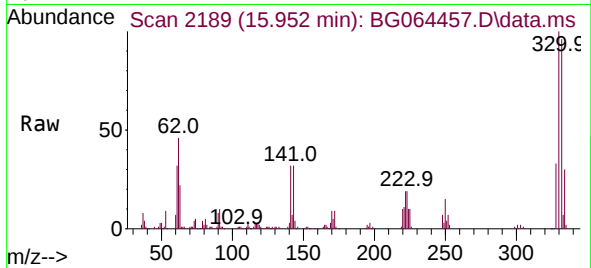
Tgt Ion:164 Resp: 53384
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.4
160 48.9 36.3 54.5



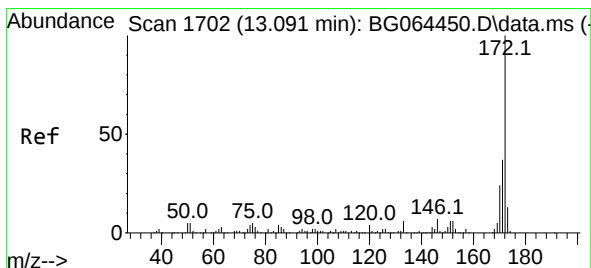
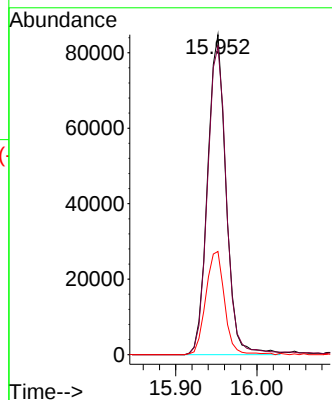
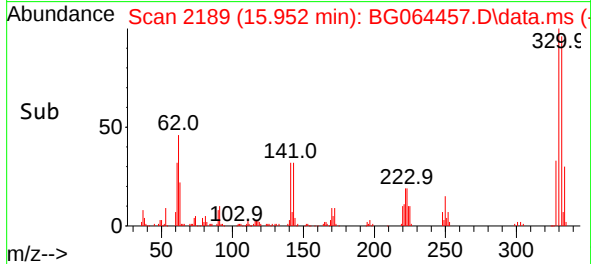


#42
2,4,6-Tribromophenol
Concen: 144.434 ng
RT: 15.952 min Scan# 2189
Delta R.T. -0.000 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

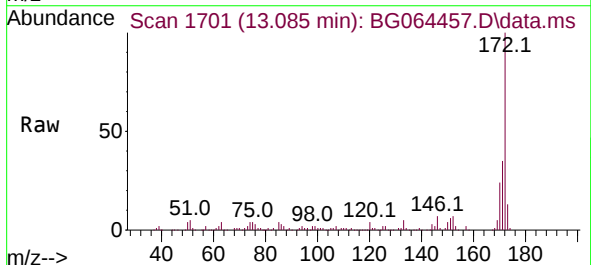
Instrument :
BNA_G
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PB169873BL



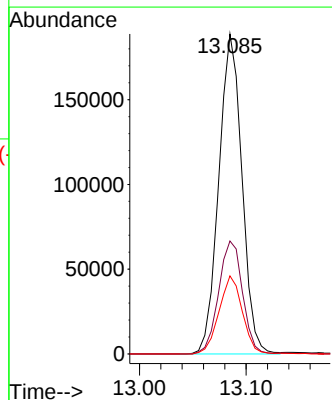
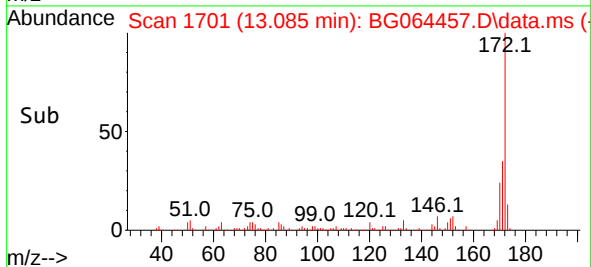
Tgt Ion:330 Resp: 134606
Ion Ratio Lower Upper
330 100
332 98.3 78.8 118.2
141 32.6 27.3 40.9

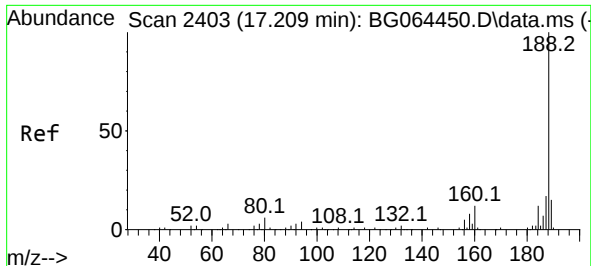


#45
2-Fluorobiphenyl
Concen: 78.750 ng
RT: 13.085 min Scan# 1701
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02



Tgt Ion:172 Resp: 284697
Ion Ratio Lower Upper
172 100
171 35.3 29.4 44.2
170 24.4 18.9 28.3

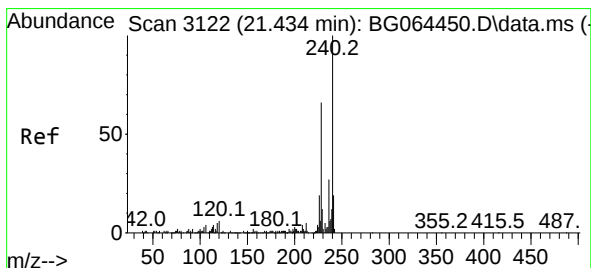
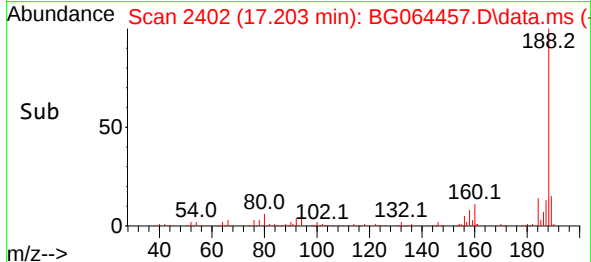
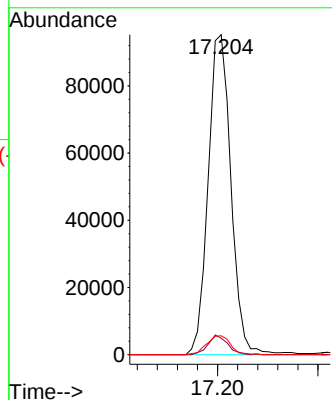
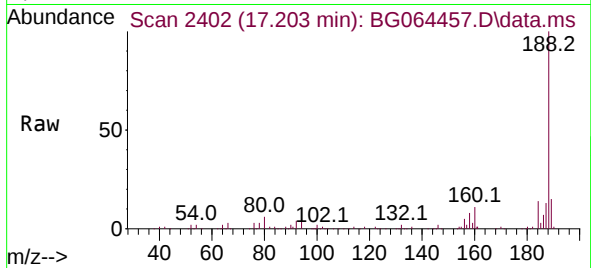




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

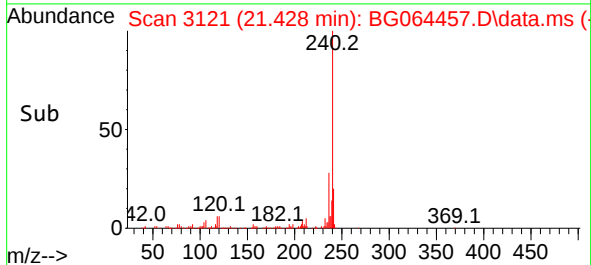
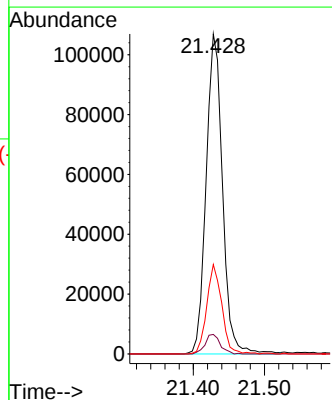
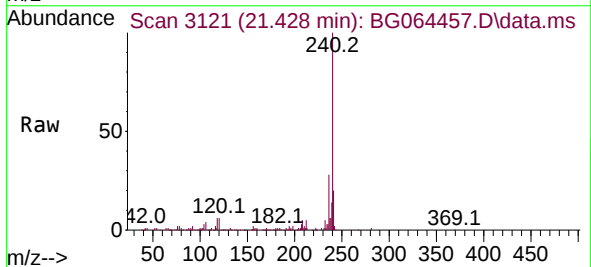
Instrument :
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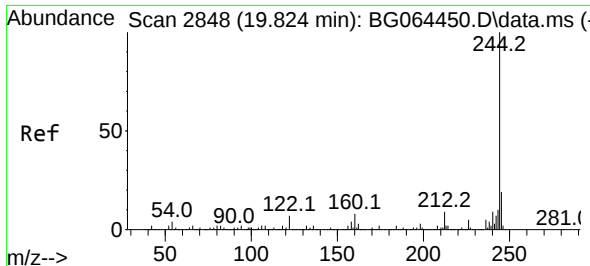
Tgt Ion:188 Resp: 149845
Ion Ratio Lower Upper
188 100
94 5.1 3.0 4.4#
80 5.9 4.9 7.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.428 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BG064457.D
Acq: 29 Sep 2025 13:02

Tgt Ion:240 Resp: 170237
Ion Ratio Lower Upper
240 100
120 6.1 5.0 7.4
236 27.9 21.9 32.9





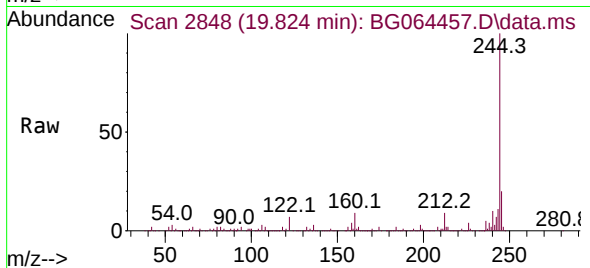
#79
 Terphenyl-d14
 Concen: 93.032 ng
 RT: 19.824 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: BG064457.D
 Acq: 29 Sep 2025 13:02

Instrument :

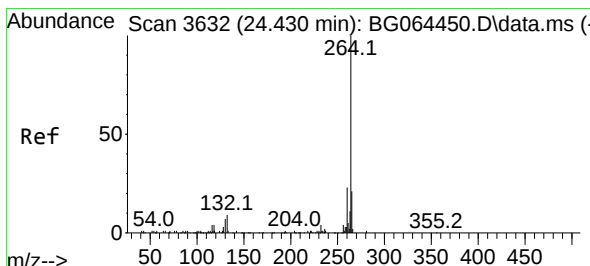
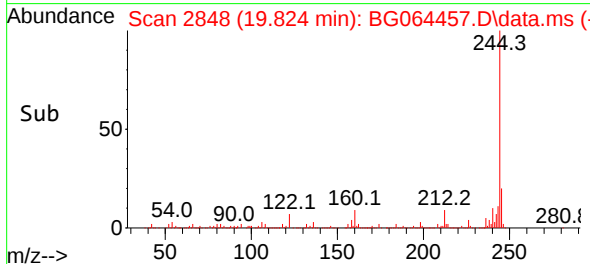
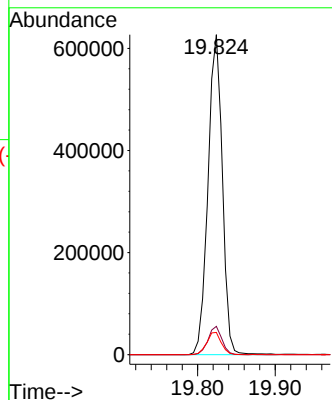
BNA_G

ClientSampleId :

PB169873BL



Tgt Ion:244 Resp: 803405
 Ion Ratio Lower Upper
 244 100
 212 8.8 7.2 10.8
 122 6.9 5.7 8.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.424 min Scan# 3631
 Delta R.T. -0.006 min
 Lab File: BG064457.D
 Acq: 29 Sep 2025 13:02

Tgt Ion:264 Resp: 187310
 Ion Ratio Lower Upper
 264 100
 260 25.0 18.6 27.8
 265 20.0 16.7 25.1

