

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112025\
 Data File : BG064832.D
 Acq On : 20 Nov 2025 13:38
 Operator : RC/JU
 Sample : Q3677-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Quant Time: Nov 20 14:17:03 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 12 17:10:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	36426	20.000	ng	0.00
21) Naphthalene-d8	10.980	136	136524	20.000	ng	0.00
39) Acenaphthene-d10	14.770	164	113604	20.000	ng	0.00
64) Phenanthrene-d10	17.502	188	307142	20.000	ng	0.00
76) Chrysene-d12	21.744	240	380729	20.000	ng	#-0.01
86) Perylene-d12	25.005	264	395214	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	160866	77.117	ng	0.00
7) Phenol-d6	7.302	99	227490	81.994	ng	0.00
23) Nitrobenzene-d5	9.323	82	148533	53.792	ng	0.00
42) 2,4,6-Tribromophenol	16.244	330	158643	71.602	ng	0.00
45) 2-Fluorobiphenyl	13.401	172	448486	55.085	ng	0.00
79) Terphenyl-d14	20.087	244	1261842	65.195	ng	0.00

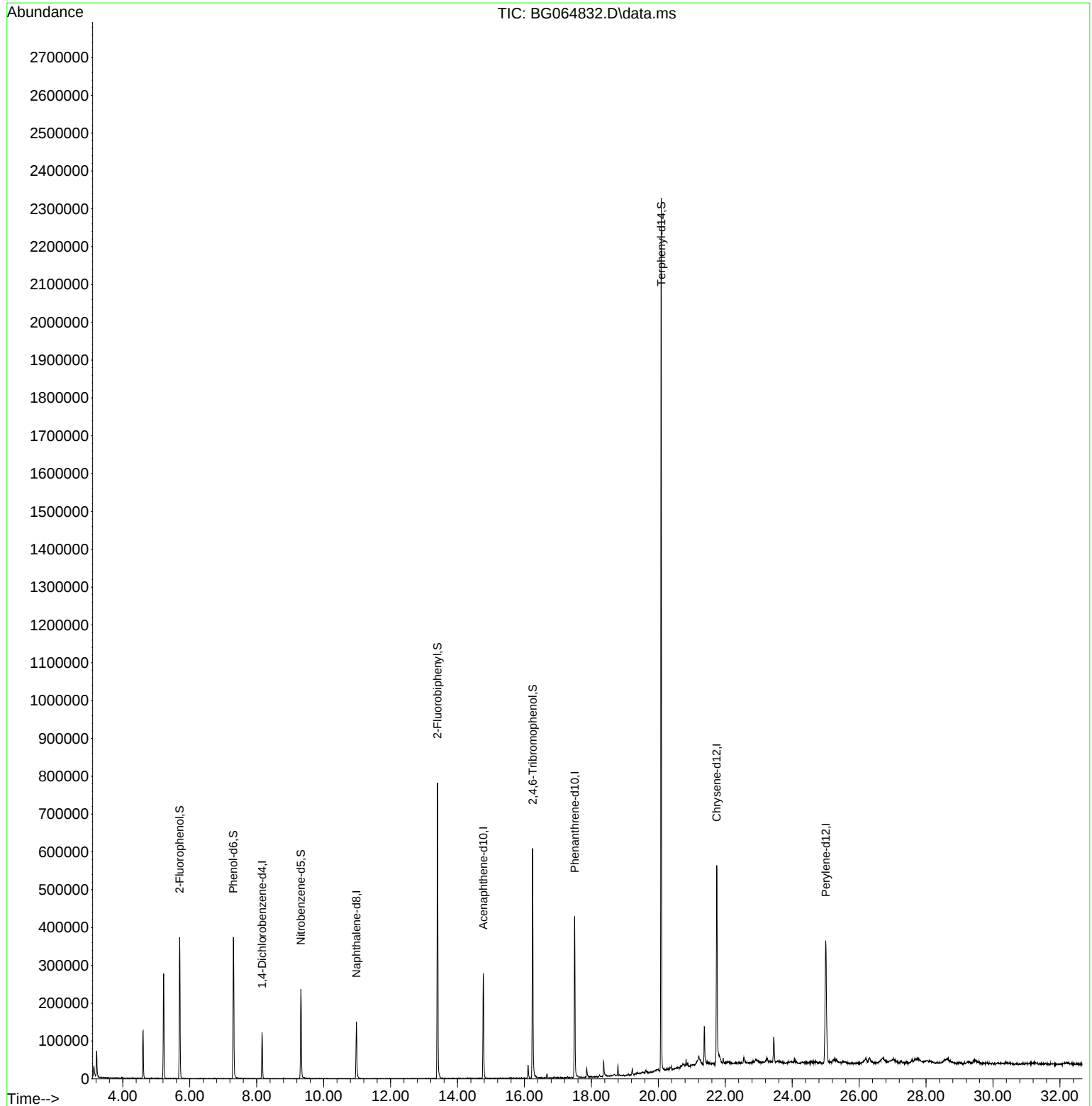
Target Compounds Qvalue

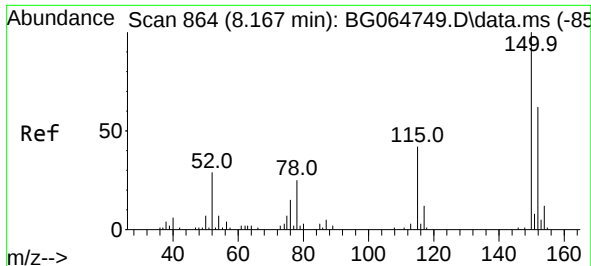
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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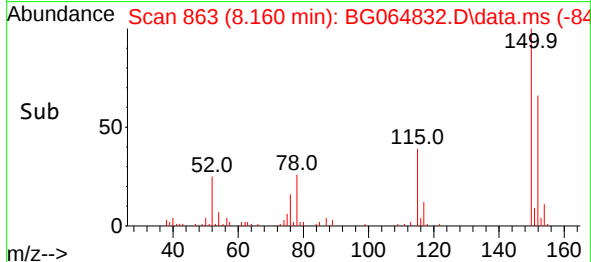
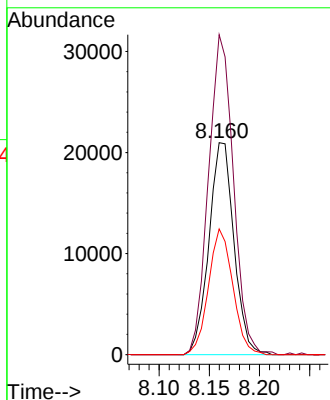
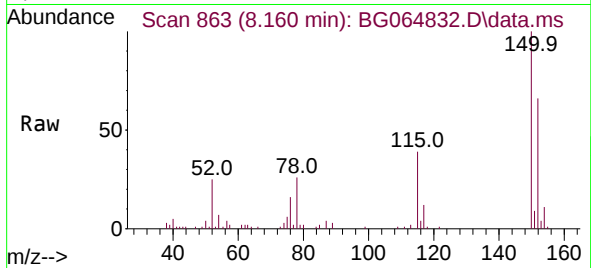




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.160 min Scan# 864
 Delta R.T. -0.007 min
 Lab File: BG064832.D
 Acq: 20 Nov 2025 13:38

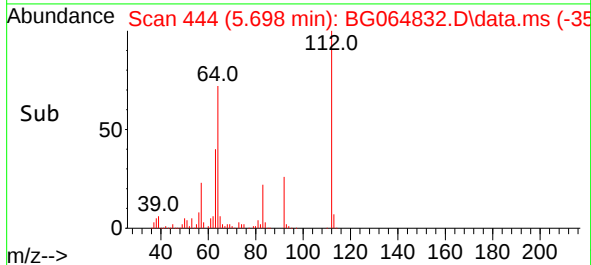
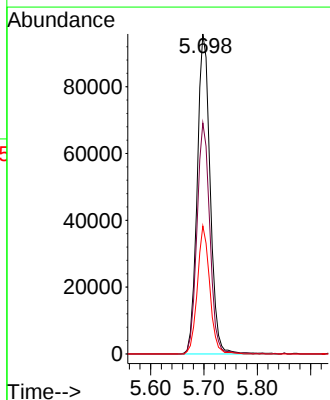
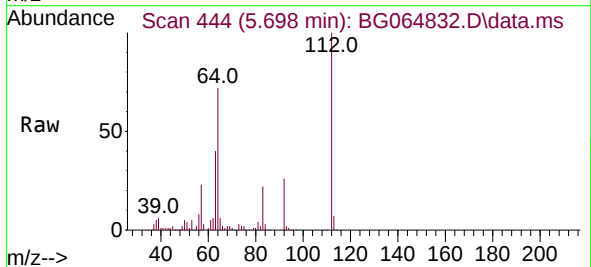
Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

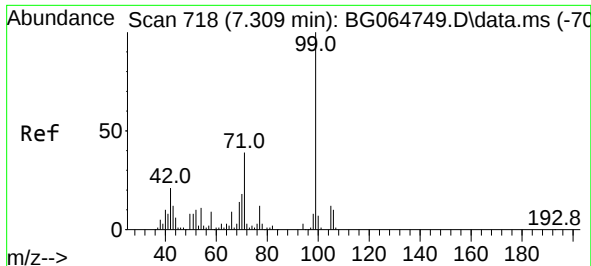
Tgt Ion:152 Resp: 36426
 Ion Ratio Lower Upper
 152 100
 150 151.0 129.2 193.8
 115 59.3 53.7 80.5



#5
 2-Fluorophenol
 Concen: 77.117 ng
 RT: 5.698 min Scan# 444
 Delta R.T. -0.002 min
 Lab File: BG064832.D
 Acq: 20 Nov 2025 13:38

Tgt Ion:112 Resp: 160866
 Ion Ratio Lower Upper
 112 100
 64 72.2 61.0 91.4
 63 40.0 33.3 49.9

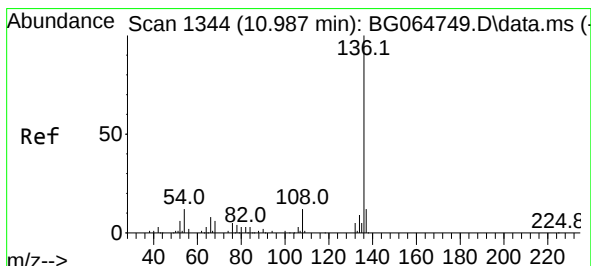
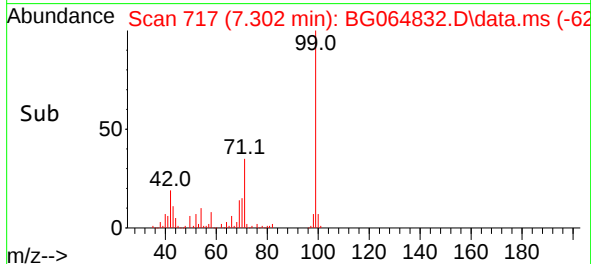
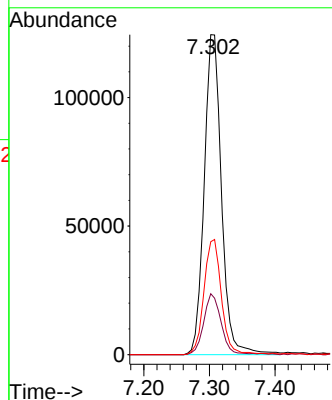
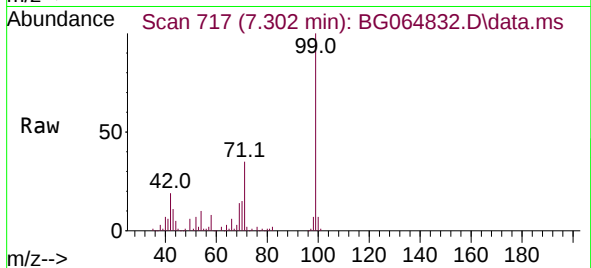




#7
Phenol-d6
Concen: 81.994 ng
RT: 7.302 min Scan# 71
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

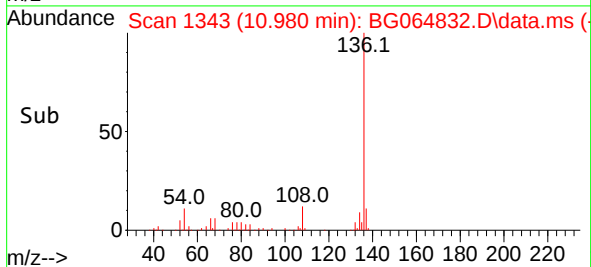
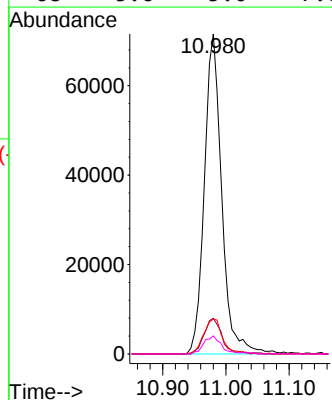
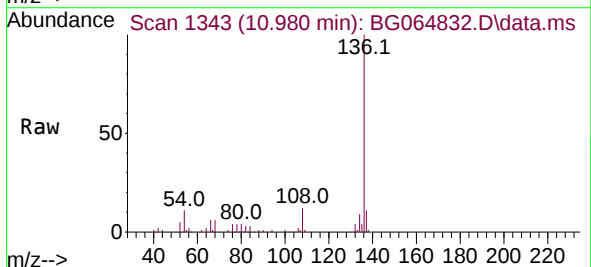
Instrument :
BNA_G
ClientSampleId :
COMP-1

Tgt Ion: 99 Resp: 227490
Ion Ratio Lower Upper
99 100
42 19.0 16.8 25.2
71 35.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.980 min Scan# 1343
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:136 Resp: 136524
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 10.9 9.3 13.9
68 5.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 53.792 ng

RT: 9.323 min Scan# 1061

Delta R.T. -0.008 min

Lab File: BG064832.D

Acq: 20 Nov 2025 13:38

Instrument :

BNA_G

ClientSampleId :

COMP-1

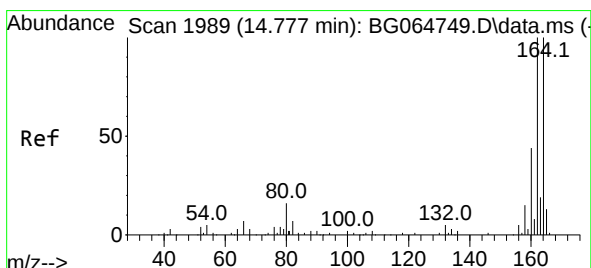
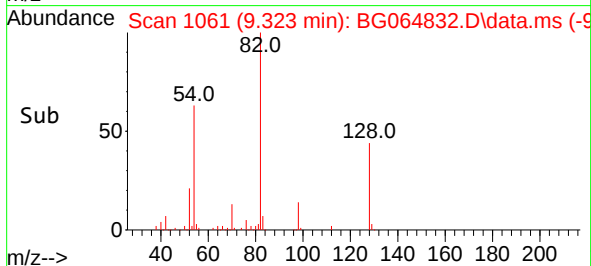
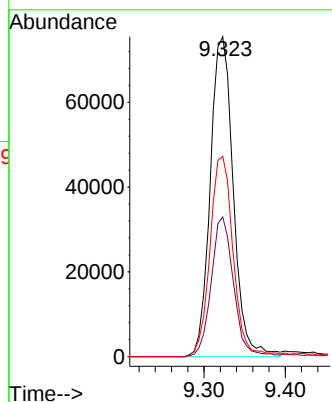
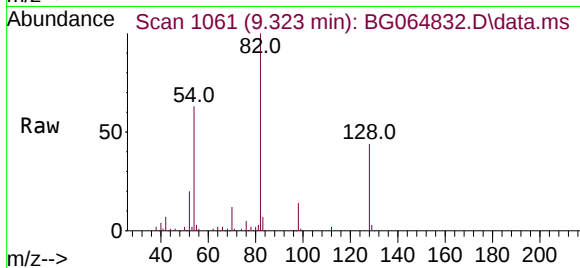
Tgt Ion: 82 Resp: 148533

Ion Ratio Lower Upper

82 100

128 43.6 34.1 51.1

54 62.6 54.3 81.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.770 min Scan# 1988

Delta R.T. -0.008 min

Lab File: BG064832.D

Acq: 20 Nov 2025 13:38

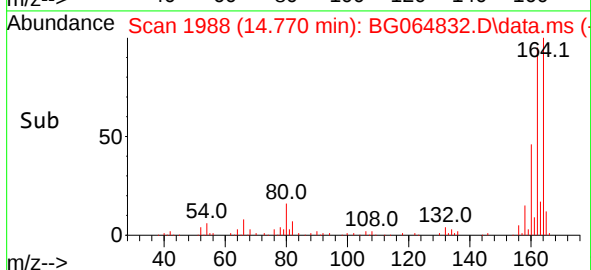
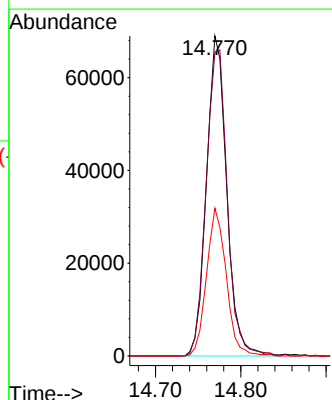
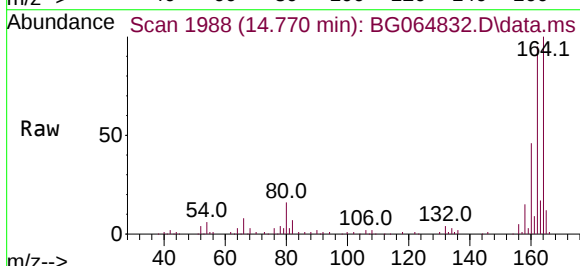
Tgt Ion: 164 Resp: 113604

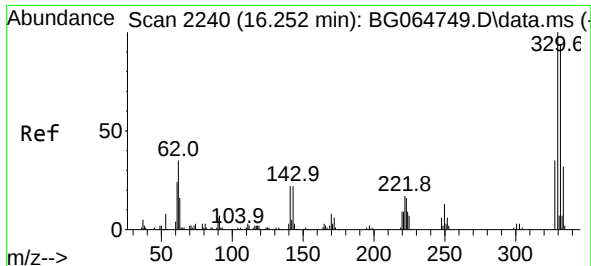
Ion Ratio Lower Upper

164 100

162 95.0 79.8 119.6

160 46.1 34.9 52.3

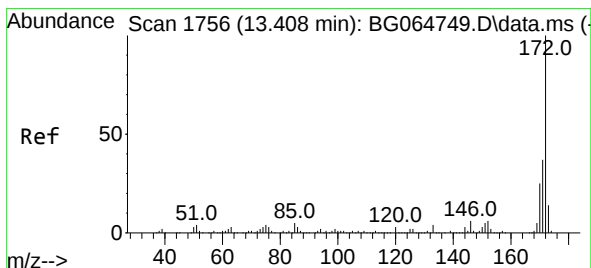
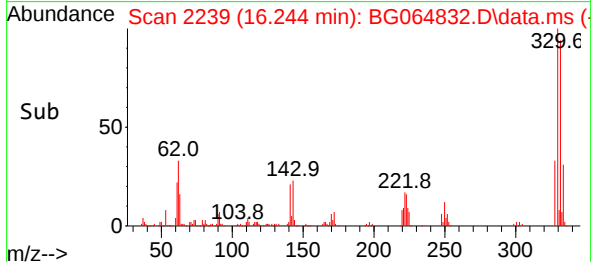
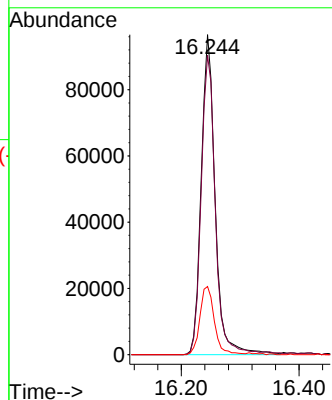
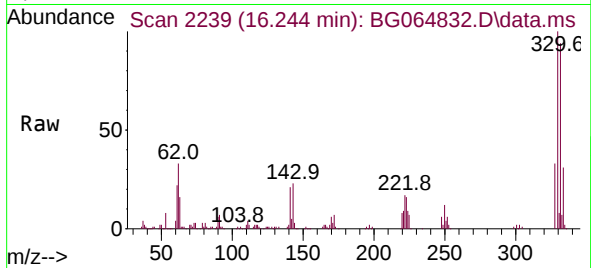




#42
2,4,6-Tribromophenol
Concen: 71.602 ng
RT: 16.244 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

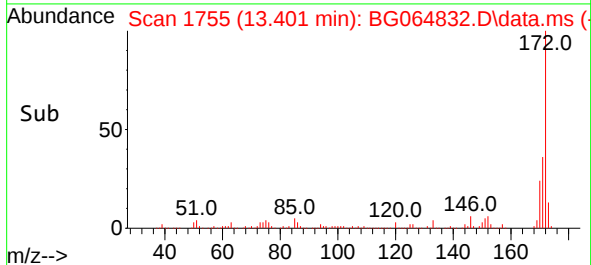
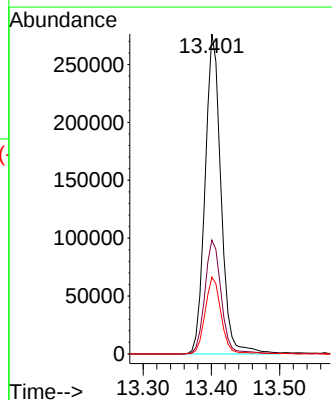
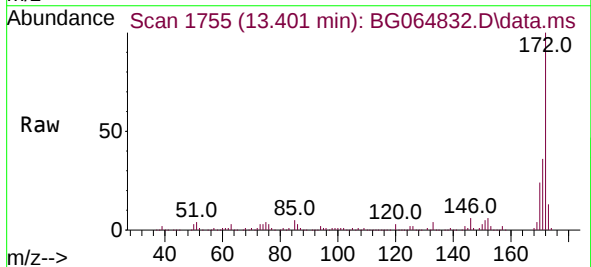
Instrument :
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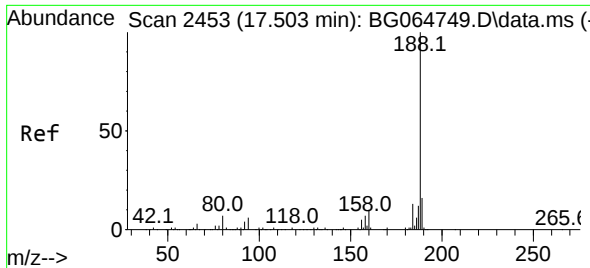
Tgt Ion:330 Resp: 158643
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 22.1 18.2 27.2



#45
2-Fluorobiphenyl
Concen: 55.085 ng
RT: 13.401 min Scan# 1755
Delta R.T. -0.007 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:172 Resp: 448486
Ion Ratio Lower Upper
172 100
171 35.6 29.9 44.9
170 24.0 19.8 29.6

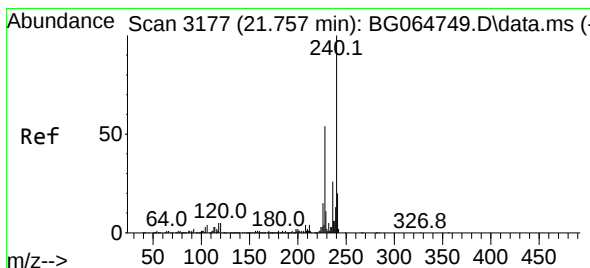
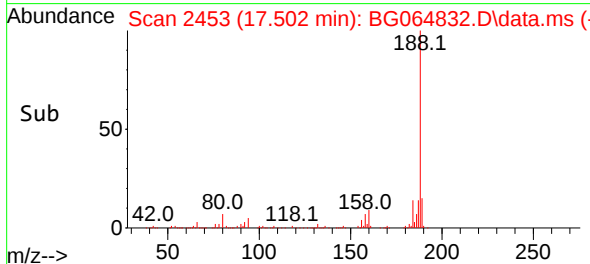
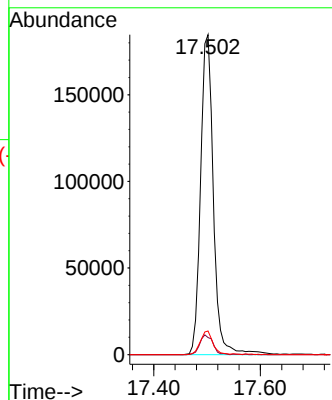
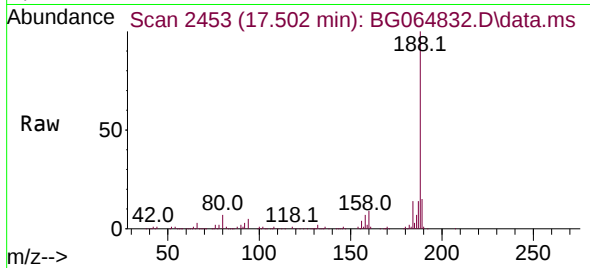




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.502 min Scan# 2453
Delta R.T. -0.002 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

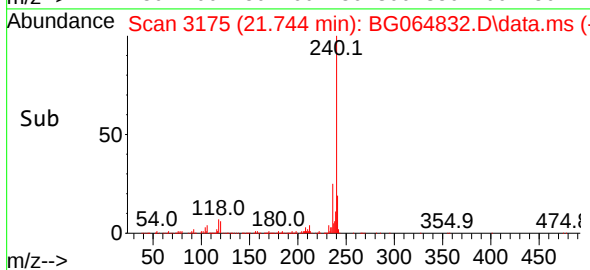
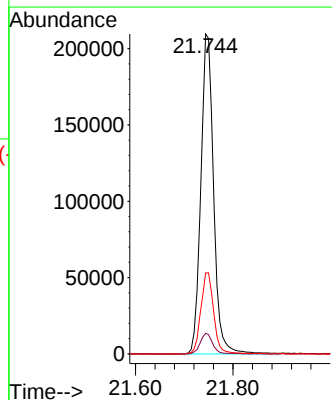
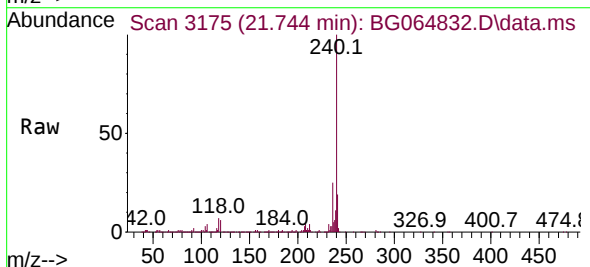
Instrument :
BNA_G
ClientSampleId :
COMP-1

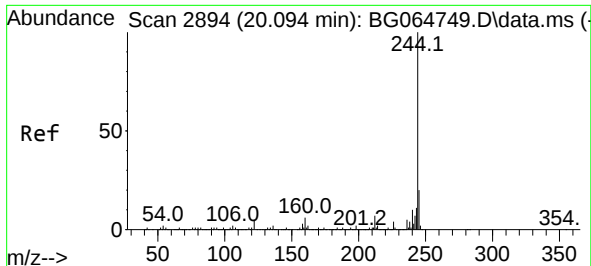
Tgt Ion:188 Resp: 307142
Ion Ratio Lower Upper
188 100
94 5.3 4.7 7.1
80 7.4 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.744 min Scan# 3175
Delta R.T. -0.013 min
Lab File: BG064832.D
Acq: 20 Nov 2025 13:38

Tgt Ion:240 Resp: 380729
Ion Ratio Lower Upper
240 100
120 6.4 4.2 6.4#
236 25.3 20.8 31.2

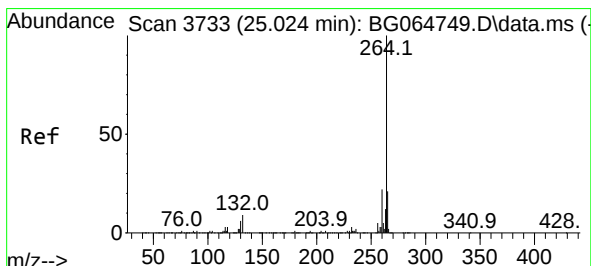
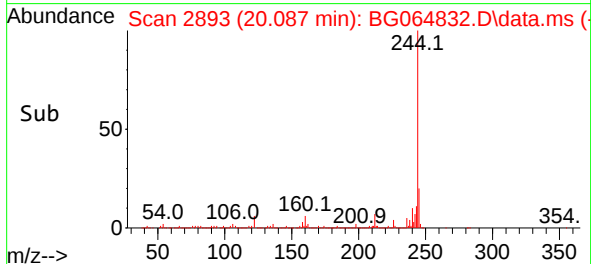
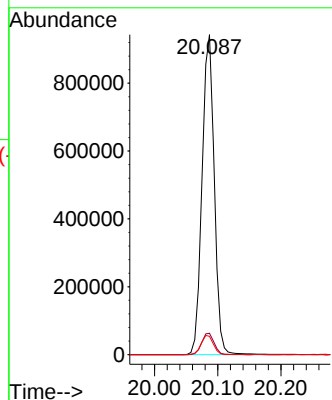
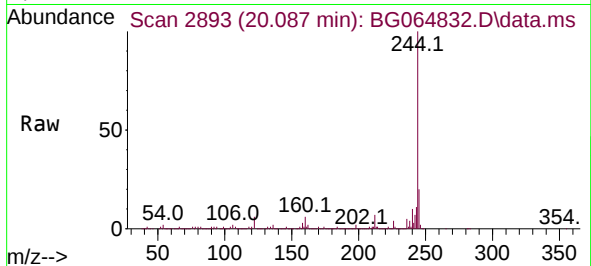




#79
 Terphenyl-d14
 Concen: 65.195 ng
 RT: 20.087 min Scan# 2893
 Delta R.T. -0.008 min
 Lab File: BG064832.D
 Acq: 20 Nov 2025 13:38

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

Tgt Ion:244 Resp: 1261842
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.8 8.6
 122 5.7 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.005 min Scan# 3730
 Delta R.T. -0.019 min
 Lab File: BG064832.D
 Acq: 20 Nov 2025 13:38

Tgt Ion:264 Resp: 395214
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.2 25.8
 265 20.7 16.6 25.0

