

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103125\
 Data File : BG064660.D
 Acq On : 31 Oct 2025 17:35
 Operator : RC/JU
 Sample : Q3477-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-MAHWAH-WATER

Quant Time: Oct 31 18:10:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 16:40:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.222	152	39970	20.000	ng	0.00
21) Naphthalene-d8	11.049	136	158222	20.000	ng	# 0.00
39) Acenaphthene-d10	14.844	164	124556	20.000	ng	0.00
64) Phenanthrene-d10	17.576	188	285843	20.000	ng	0.00
76) Chrysene-d12	21.854	240	301816	20.000	ng	# 0.00
86) Perylene-d12	25.197	264	333252	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	109388	45.936	ng	0.00
7) Phenol-d6	7.353	99	103091	31.549	ng	0.00
23) Nitrobenzene-d5	9.386	82	225892	85.751	ng	0.00
42) 2,4,6-Tribromophenol	16.319	330	267117	148.587	ng	0.00
45) 2-Fluorobiphenyl	13.469	172	617454	75.139	ng	0.00
79) Terphenyl-d14	20.167	244	1395846	87.278	ng	0.00

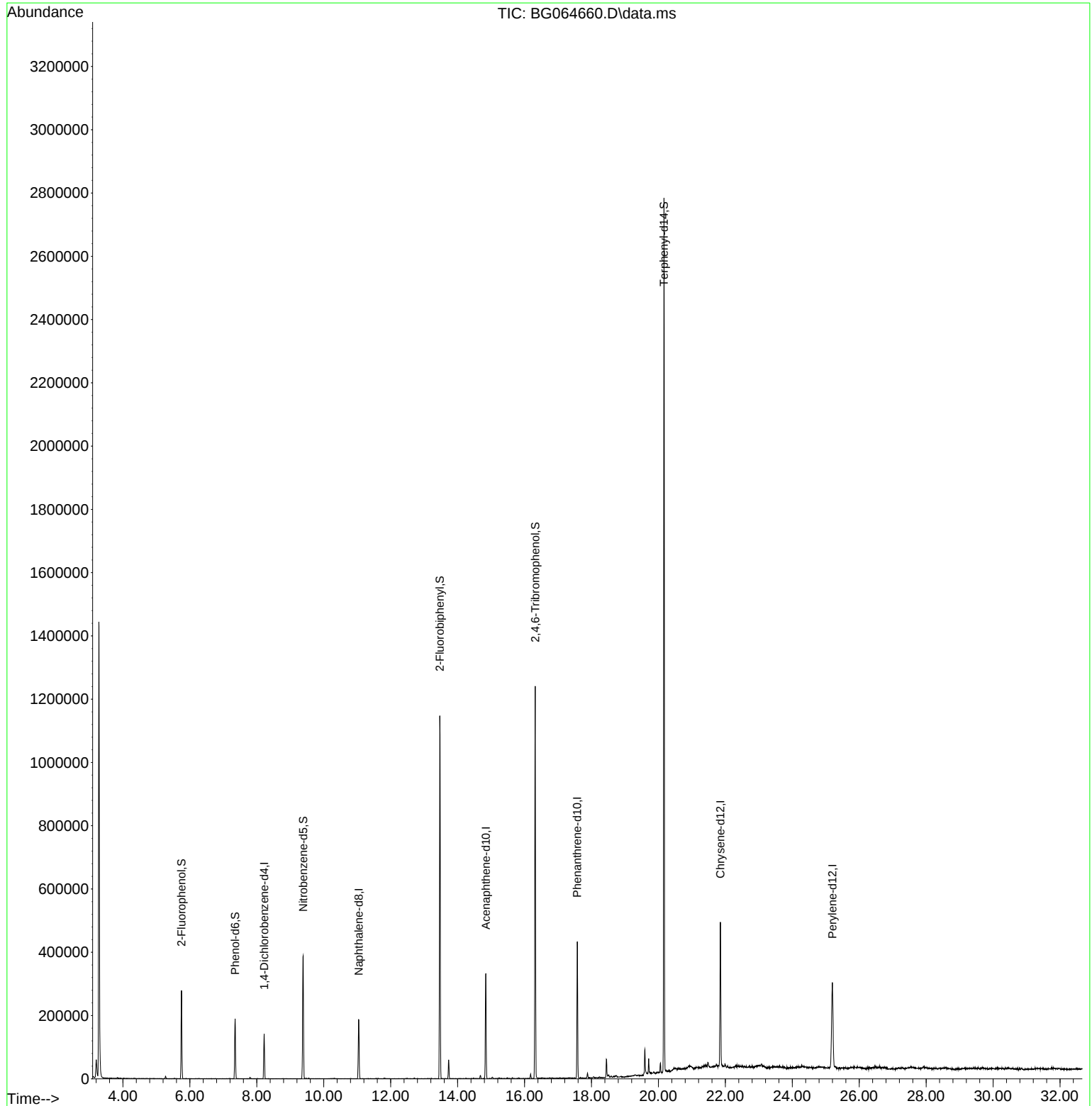
Target Compounds	Qvalue

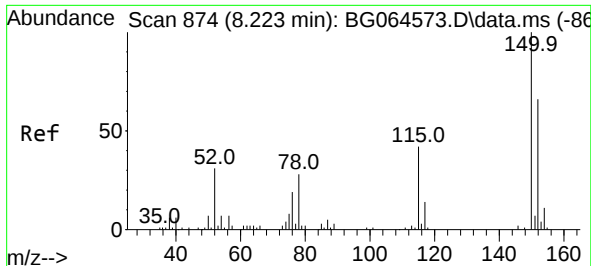
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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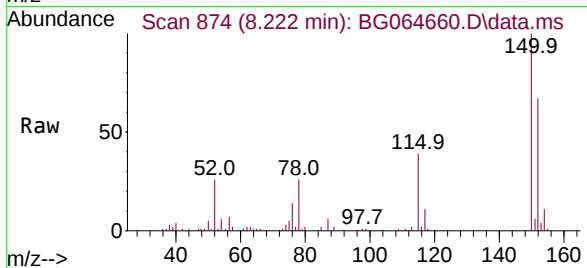
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 16:40:26 2025
Response via : Initial Calibration



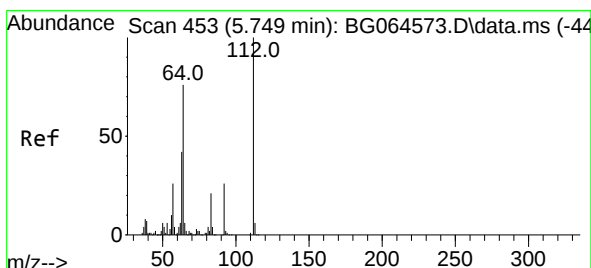
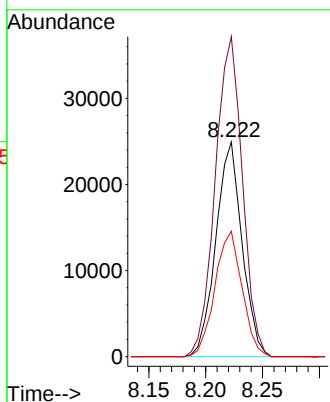
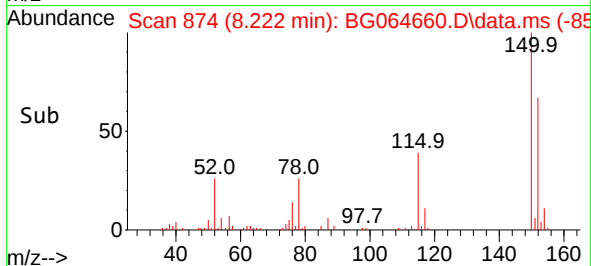


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.222 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

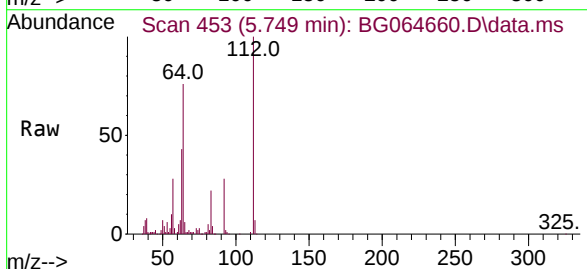
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BNA_G
ClientSampleId :
SOUTH-MAHWAH-WATER



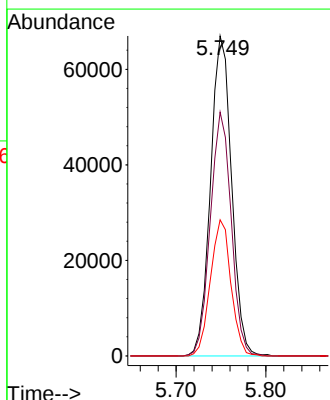
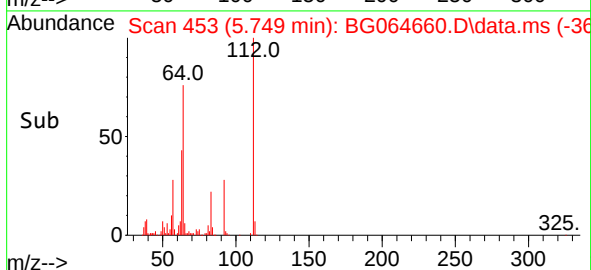
Tgt Ion:152 Resp: 39970
Ion Ratio Lower Upper
152 100
150 149.1 122.2 183.4
115 58.4 50.8 76.2

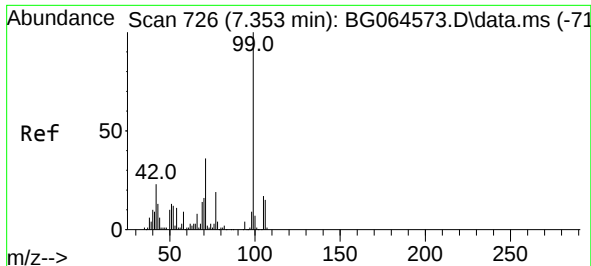


#5
2-Fluorophenol
Concen: 45.936 ng
RT: 5.749 min Scan# 453
Delta R.T. 0.002 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35



Tgt Ion:112 Resp: 109388
Ion Ratio Lower Upper
112 100
64 76.2 60.7 91.1
63 42.5 33.4 50.0

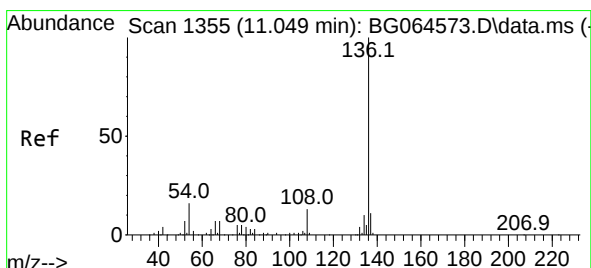
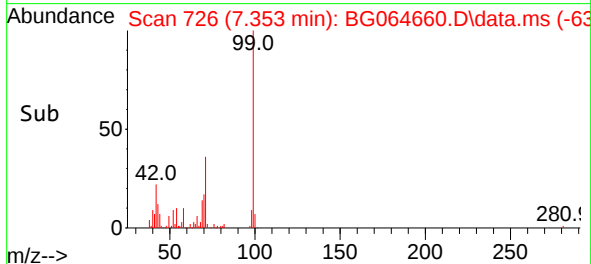
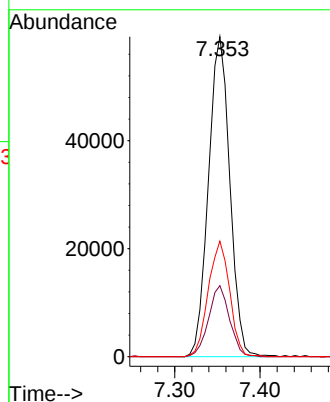
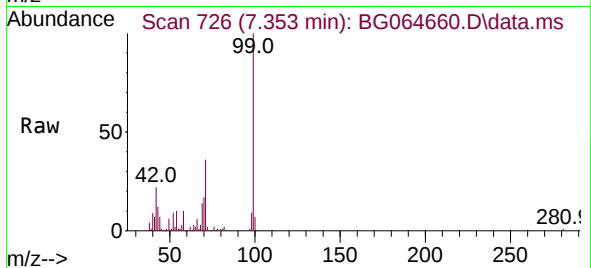




#7
Phenol-d6
Concen: 31.549 ng
RT: 7.353 min Scan# 726
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

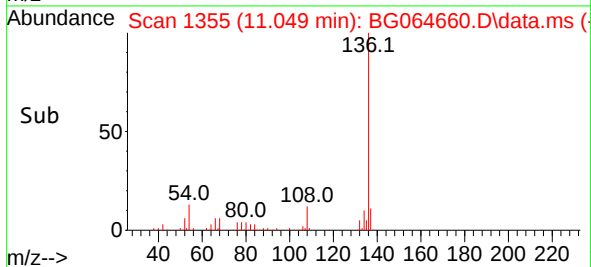
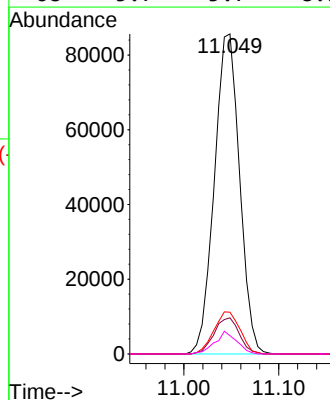
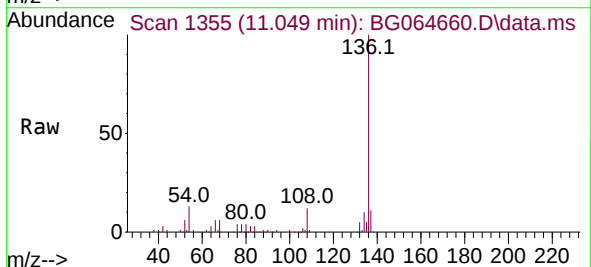
Instrument :
BNA_G
ClientSampleId :
SOUTH-MAHWAH-WATER

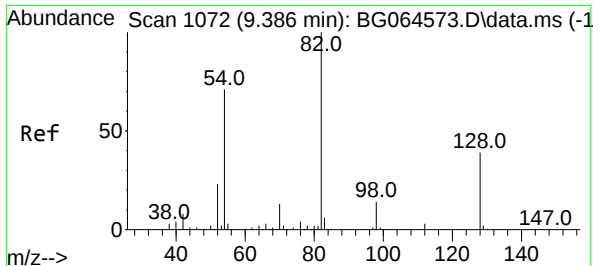
Tgt Ion: 99 Resp: 103091
Ion Ratio Lower Upper
99 100
42 22.2 18.3 27.5
71 36.1 28.6 43.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.049 min Scan# 1355
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:136 Resp: 158222
Ion Ratio Lower Upper
136 100
137 11.3 9.2 13.8
54 13.1 12.6 19.0
68 5.7 5.7 8.5#

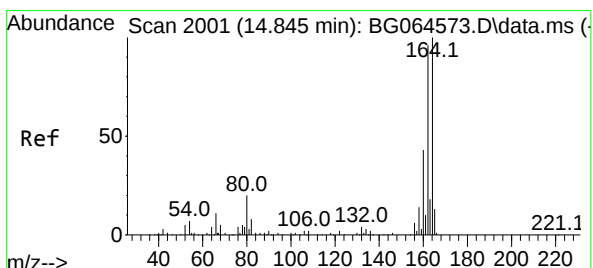
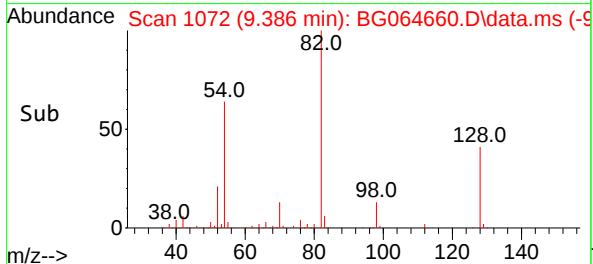
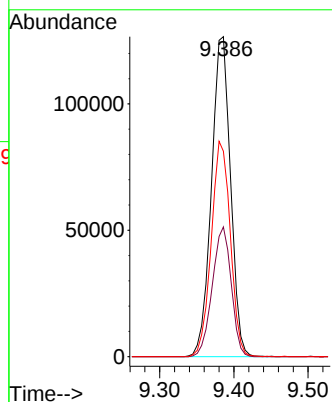
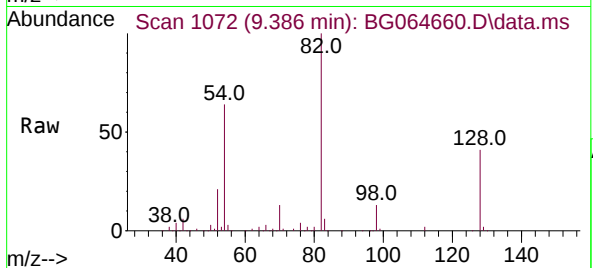




#23
Nitrobenzene-d5
Concen: 85.751 ng
RT: 9.386 min Scan# 1072
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

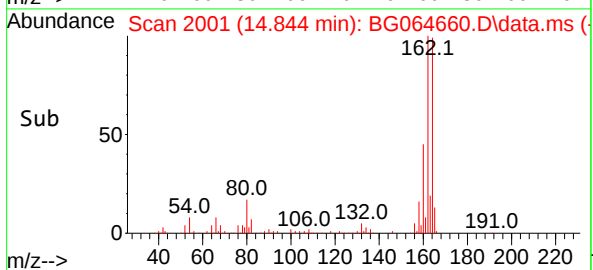
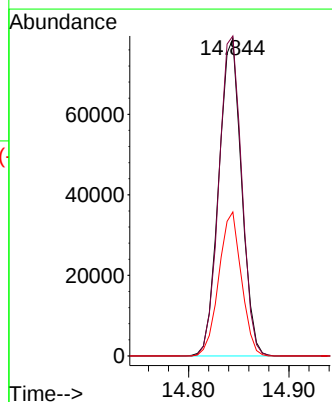
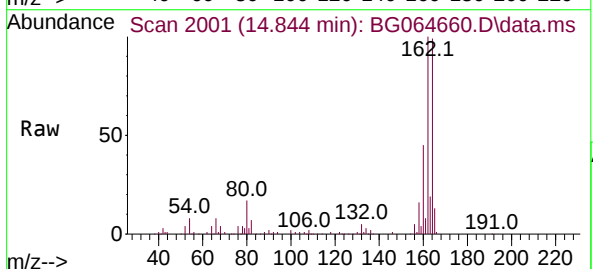
Instrument :
BNA_G
ClientSampleId :
SOUTH-MAHWAH-WATER

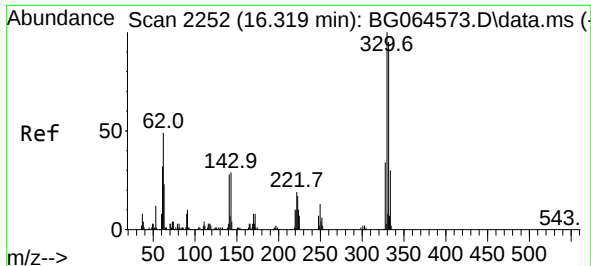
Tgt Ion: 82 Resp: 225892
Ion Ratio Lower Upper
82 100
128 40.5 31.3 46.9
54 64.2 56.6 84.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.844 min Scan# 2001
Delta R.T. 0.002 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion: 164 Resp: 124556
Ion Ratio Lower Upper
164 100
162 100.8 77.0 115.6
160 45.3 34.4 51.6

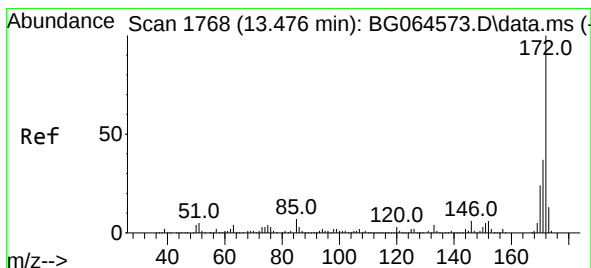
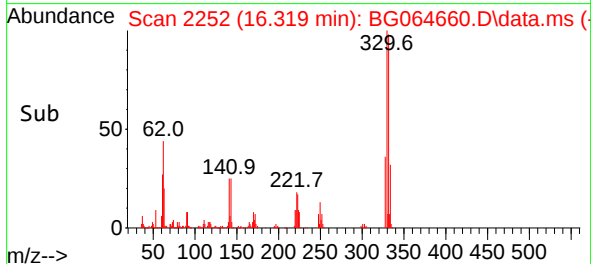
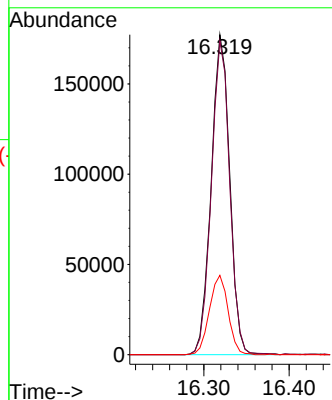
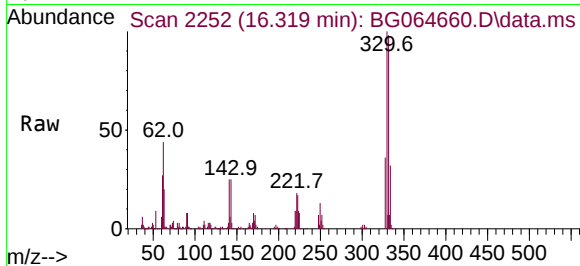




#42
2,4,6-Tribromophenol
Concen: 148.587 ng
RT: 16.319 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

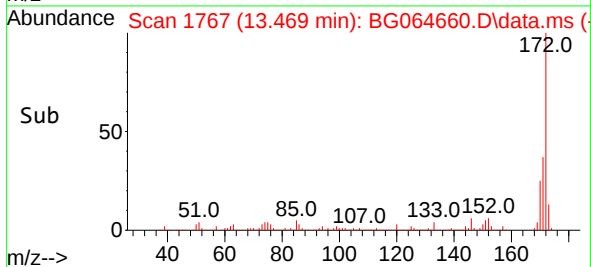
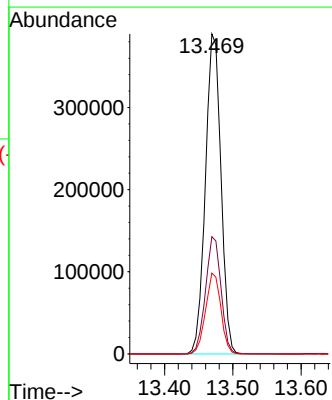
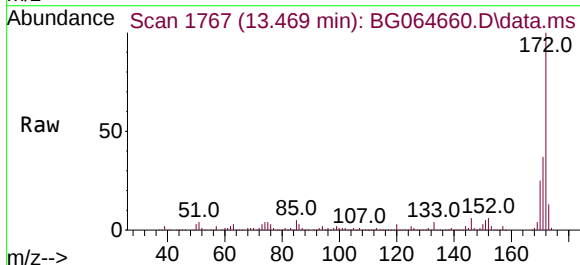
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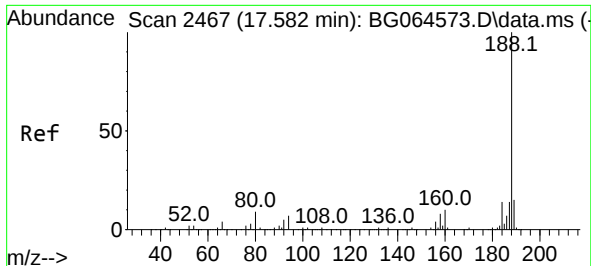
Tgt Ion:330 Resp: 267117
Ion Ratio Lower Upper
330 100
332 97.2 78.0 117.0
141 25.0 21.8 32.6



#45
2-Fluorobiphenyl
Concen: 75.139 ng
RT: 13.469 min Scan# 1767
Delta R.T. -0.010 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:172 Resp: 617454
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.2 19.1 28.7

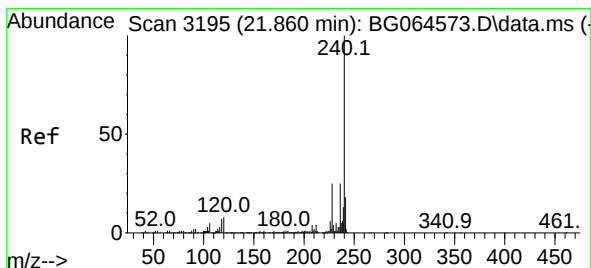
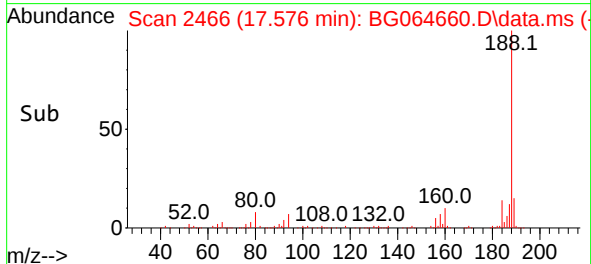
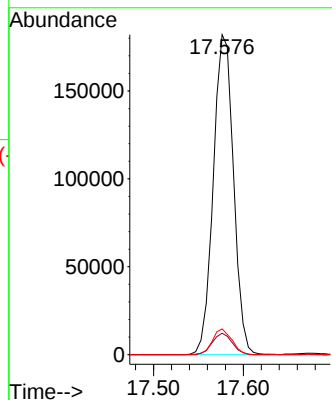
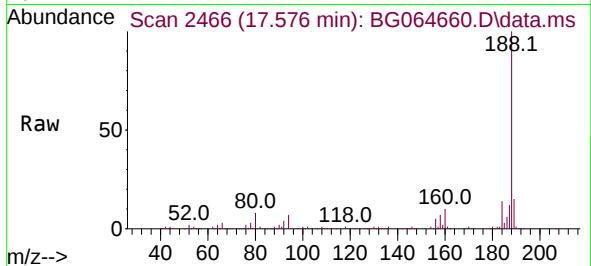




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.576 min Scan# 2466
Delta R.T. -0.004 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

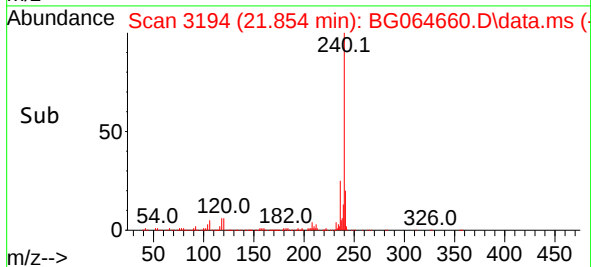
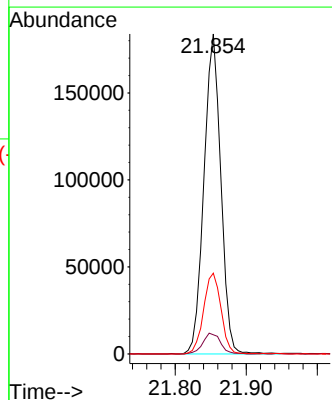
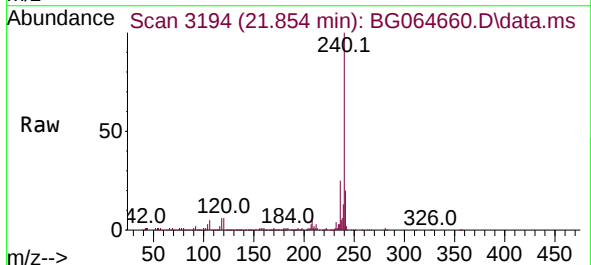
Instrument :
BNA_G
ClientSampleId :
SOUTH-MAHWAH-WATER

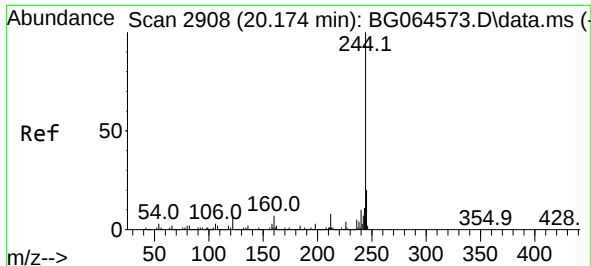
Tgt Ion:188 Resp: 285843
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 8.0 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3194
Delta R.T. -0.010 min
Lab File: BG064660.D
Acq: 31 Oct 2025 17:35

Tgt Ion:240 Resp: 301816
Ion Ratio Lower Upper
240 100
120 6.0 6.5 9.7#
236 25.2 20.2 30.2

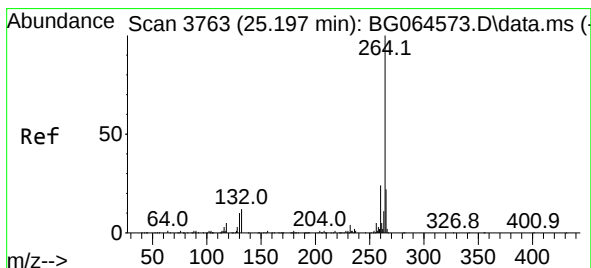
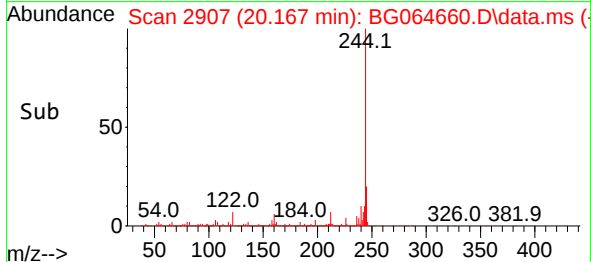
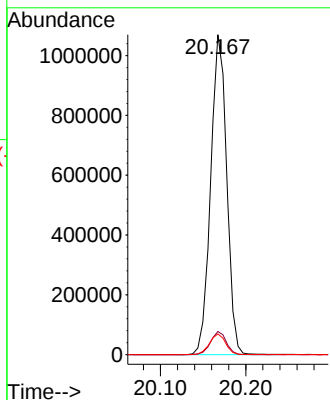
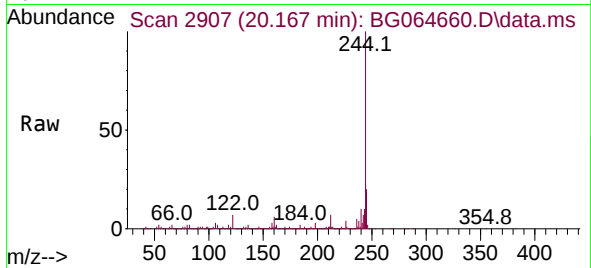




#79
 Terphenyl-d14
 Concen: 87.278 ng
 RT: 20.167 min Scan# 2907
 Delta R.T. -0.010 min
 Lab File: BG064660.D
 Acq: 31 Oct 2025 17:35

Instrument :
 BNA_G
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 SOUTH-MAHWAH-WATER

Tgt Ion:244 Resp: 1395846
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 6.5 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.197 min Scan# 3763
 Delta R.T. -0.004 min
 Lab File: BG064660.D
 Acq: 31 Oct 2025 17:35

Tgt Ion:264 Resp: 333252
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.0 17.6 26.4

