

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111825\
 Data File : BG064802.D
 Acq On : 18 Nov 2025 14:18
 Operator : RC/JU
 Sample : Q3657-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SEWAREN-CONCRETE

Quant Time: Nov 18 14:54:18 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	8.168	152	40773	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	158976	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	131026	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	340643	20.000	ng	0.00
76) Chrysene-d12	21.746	240	415564	20.000	ng	#-0.01
86) Perylene-d12	25.012	264	396182	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.700	112	118897	50.921	ng	0.00
7) Phenol-d6	7.304	99	210078	67.646	ng	0.00
23) Nitrobenzene-d5	9.325	82	143616	44.666	ng	0.00
42) 2,4,6-Tribromophenol	16.246	330	93161	36.456	ng	0.00
45) 2-Fluorobiphenyl	13.403	172	468193	49.860	ng	0.00
79) Terphenyl-d14	20.089	244	1287186	60.930	ng	0.00

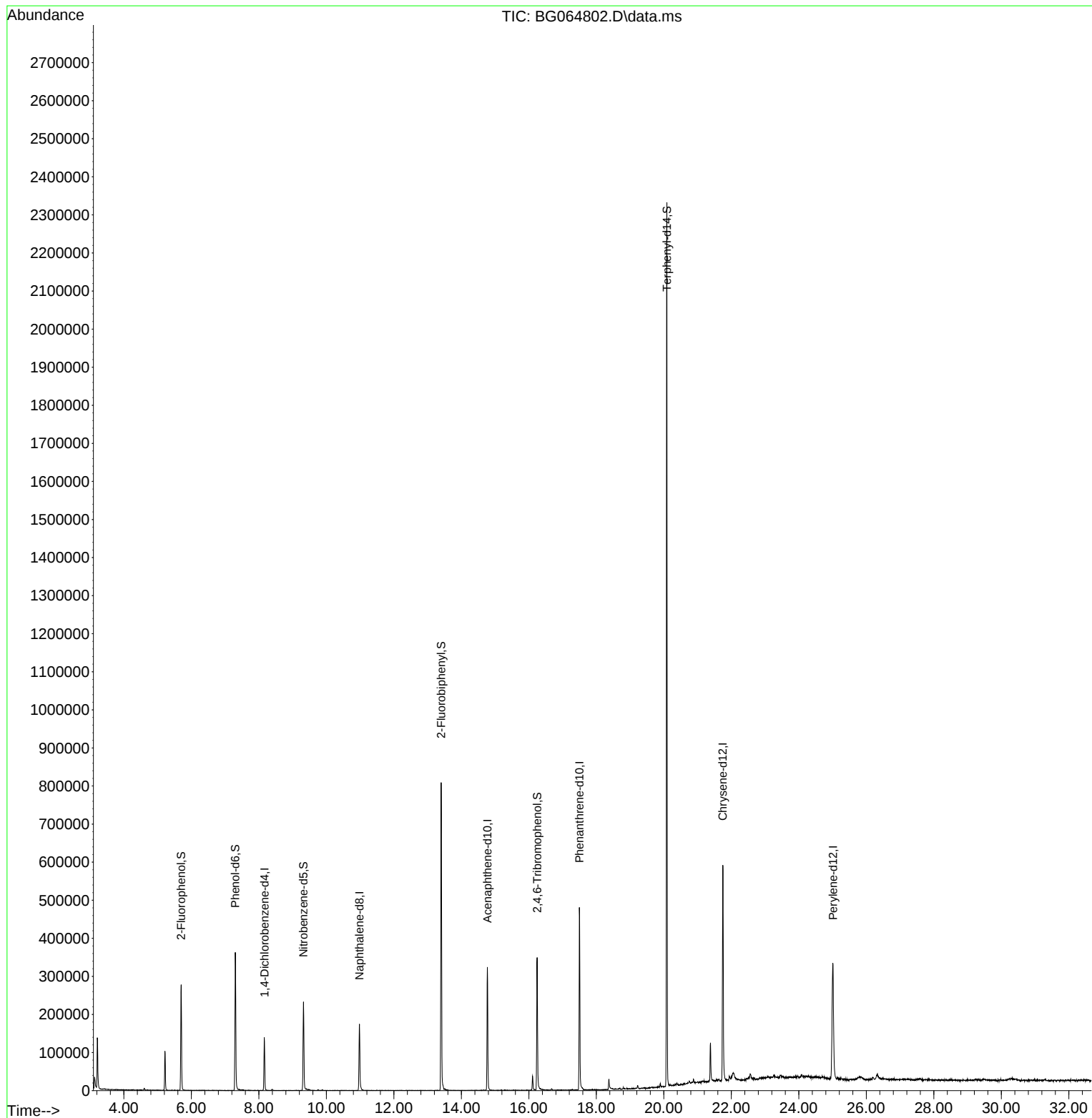
Target Compounds Qvalue

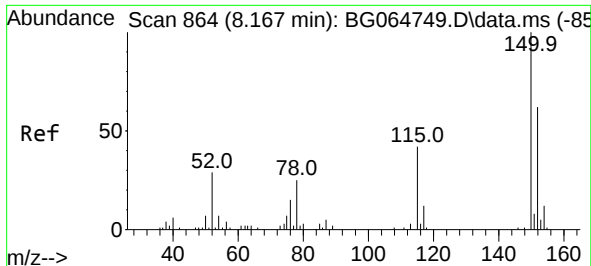
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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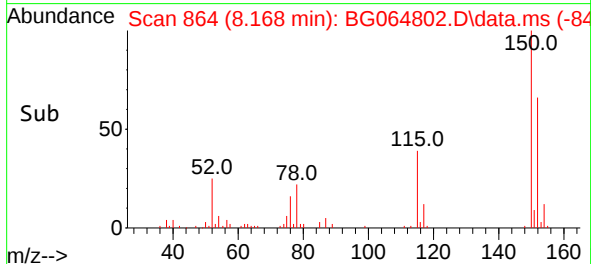
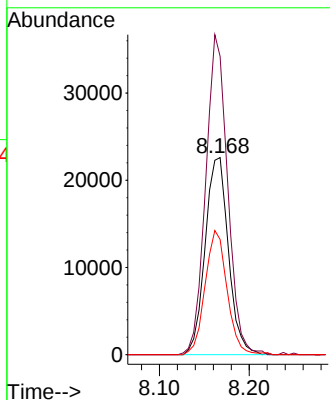
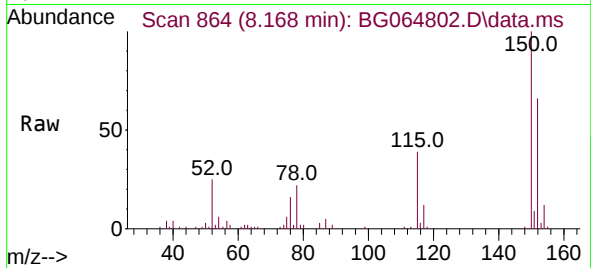




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.168 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

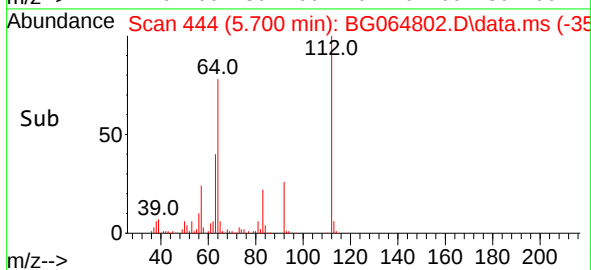
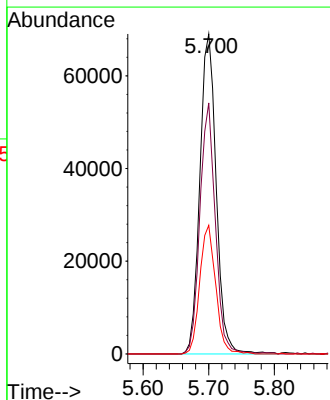
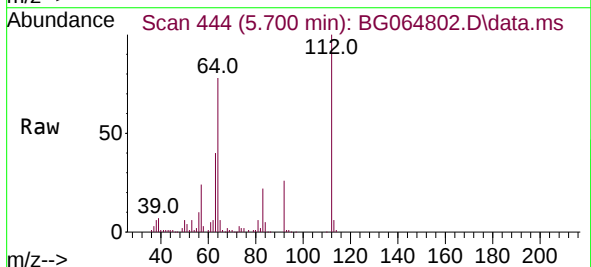
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

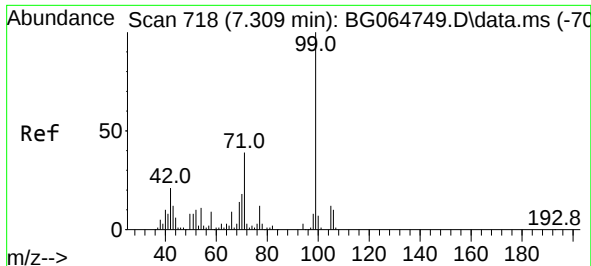
Tgt Ion:152 Resp: 40773
Ion Ratio Lower Upper
152 100
150 151.4 129.2 193.8
115 58.5 53.7 80.5



#5
2-Fluorophenol
Concen: 50.921 ng
RT: 5.700 min Scan# 444
Delta R.T. 0.000 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion:112 Resp: 118897
Ion Ratio Lower Upper
112 100
64 78.4 61.0 91.4
63 40.2 33.3 49.9

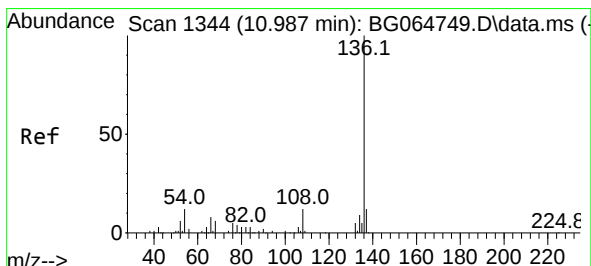
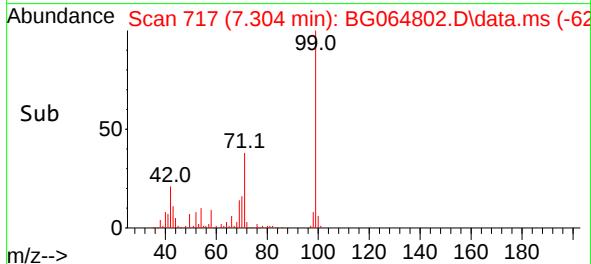
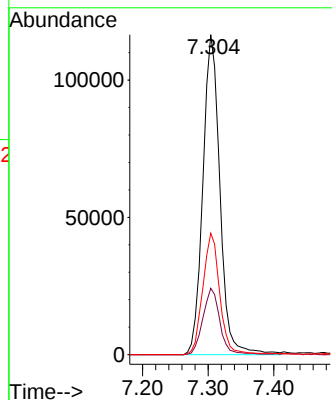
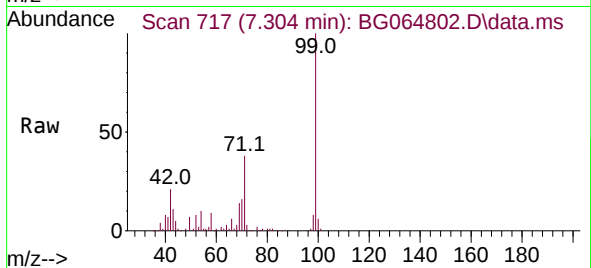




#7
Phenol-d6
Concen: 67.646 ng
RT: 7.304 min Scan# 718
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

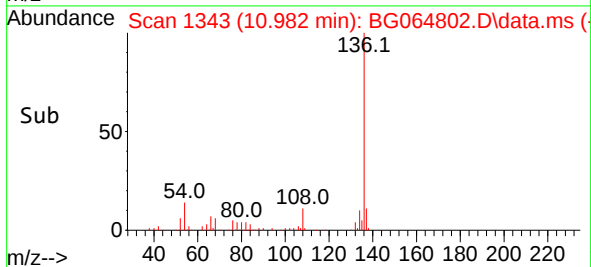
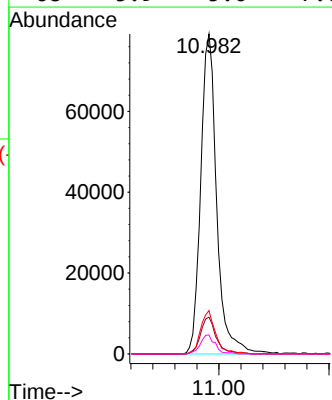
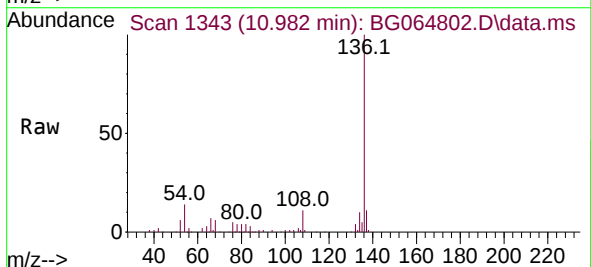
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

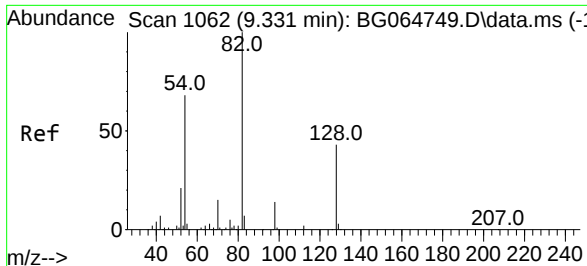
Tgt Ion: 99 Resp: 210078
Ion Ratio Lower Upper
99 100
42 20.7 16.8 25.2
71 37.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 1343
Delta R.T. -0.005 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion:136 Resp: 158976
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 13.5 9.3 13.9
68 5.9 5.0 7.6

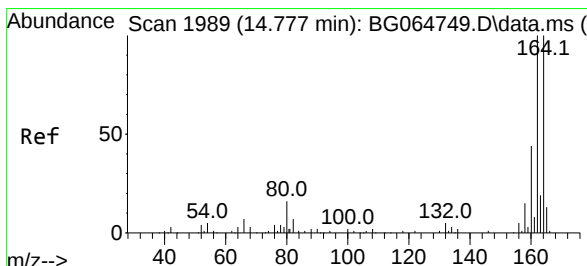
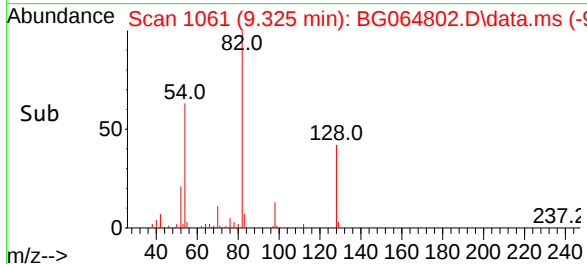
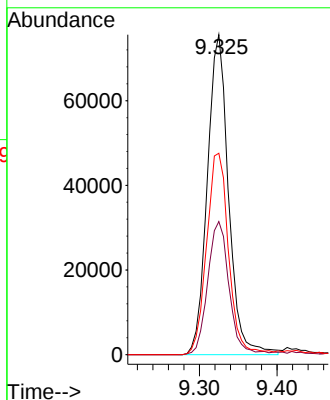
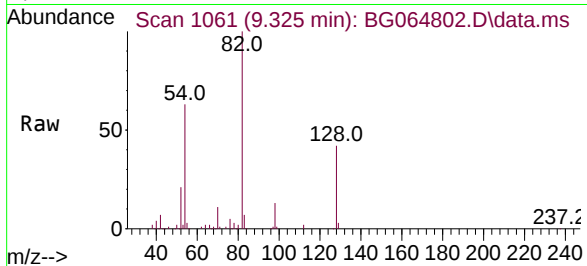




#23
Nitrobenzene-d5
Concen: 44.666 ng
RT: 9.325 min Scan# 1061
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

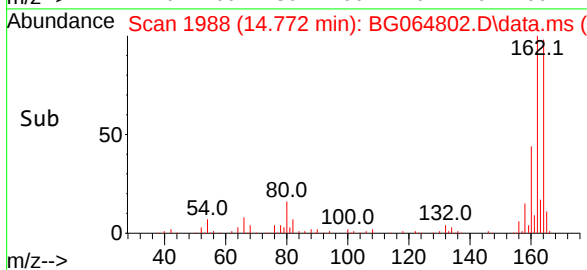
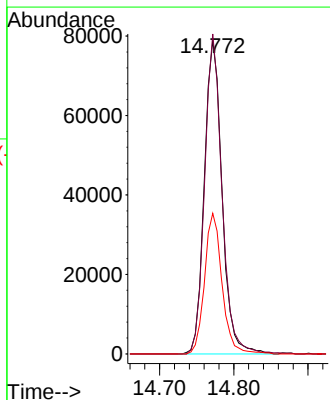
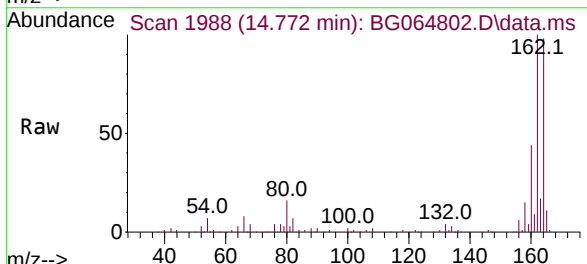
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

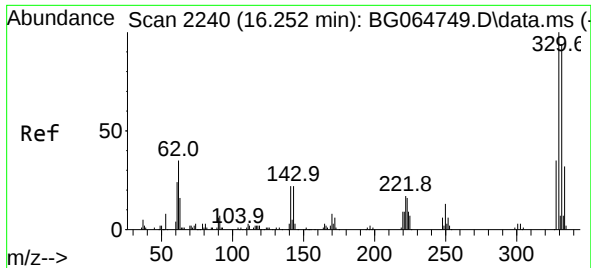
Tgt Ion: 82 Resp: 143616
Ion Ratio Lower Upper
82 100
128 41.6 34.1 51.1
54 62.9 54.3 81.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion:164 Resp: 131026
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.6
160 44.9 34.9 52.3

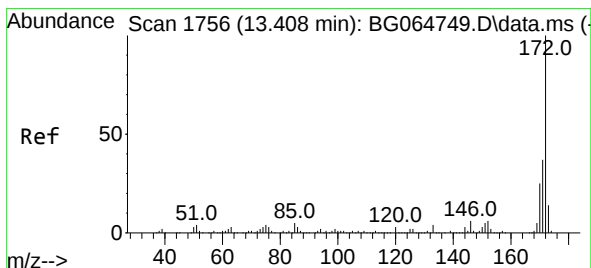
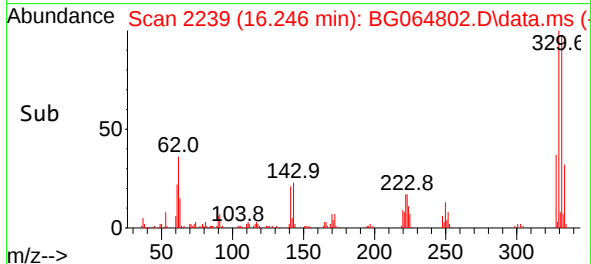
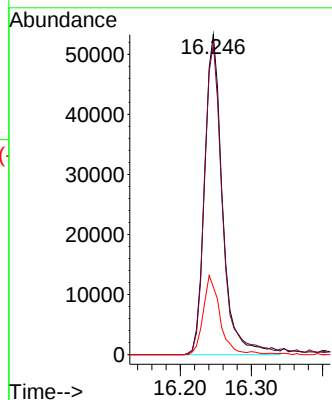
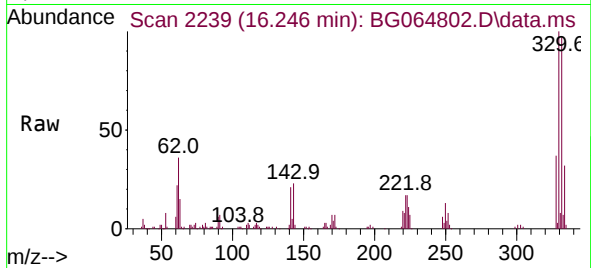




#42
 2,4,6-Tribromophenol
 Concen: 36.456 ng
 RT: 16.246 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG064802.D
 Acq: 18 Nov 2025 14:18

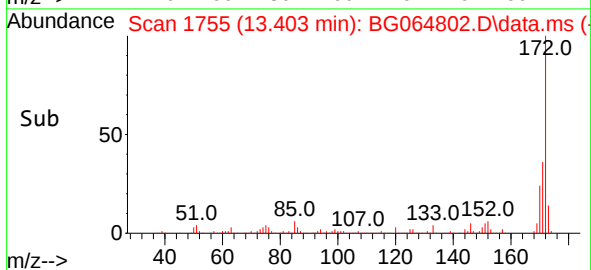
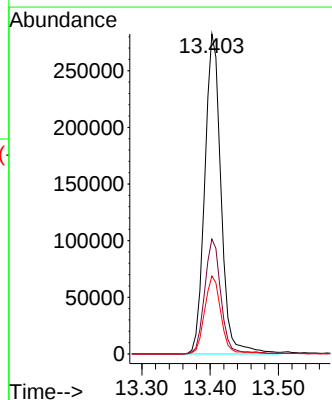
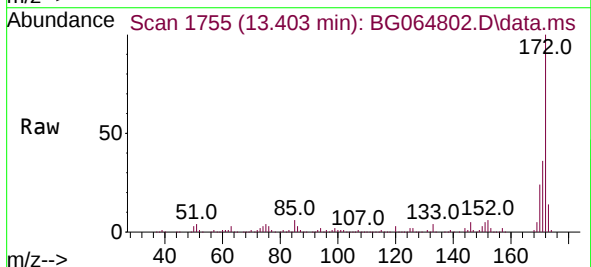
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 ClientSampleId :
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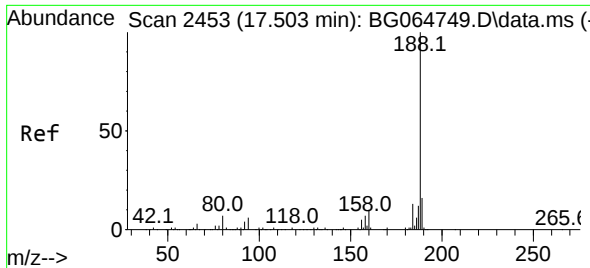
Tgt Ion:330 Resp: 93161
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 22.7 18.2 27.2



#45
 2-Fluorobiphenyl
 Concen: 49.860 ng
 RT: 13.403 min Scan# 1755
 Delta R.T. -0.006 min
 Lab File: BG064802.D
 Acq: 18 Nov 2025 14:18

Tgt Ion:172 Resp: 468193
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.9 44.9
 170 24.3 19.8 29.6

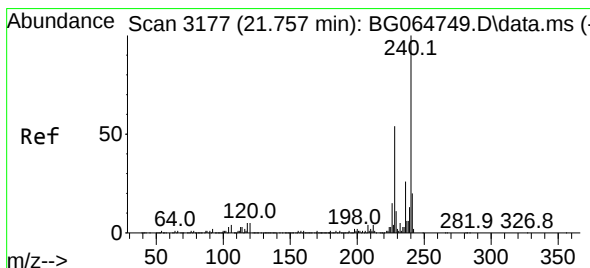
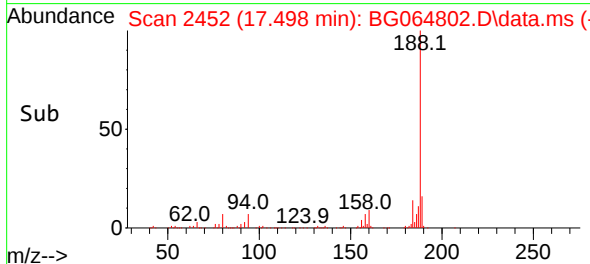
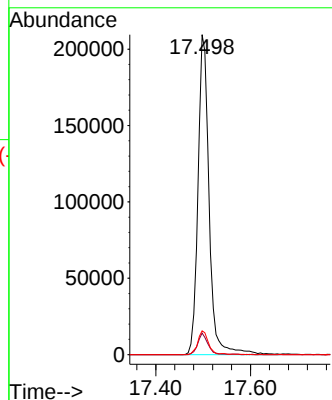
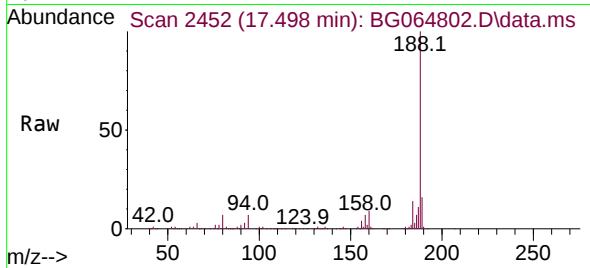




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2453
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

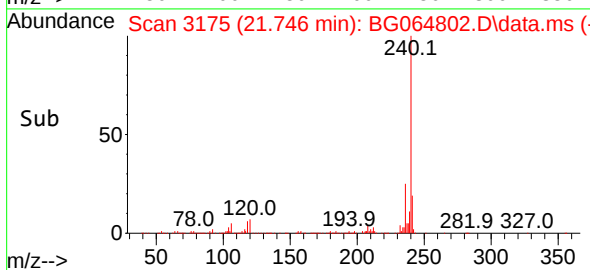
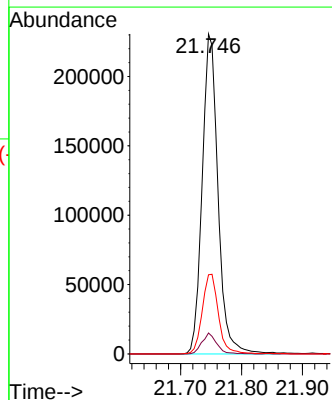
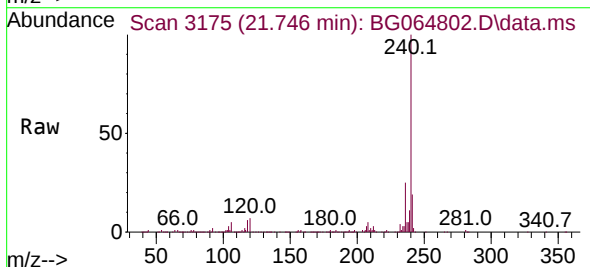
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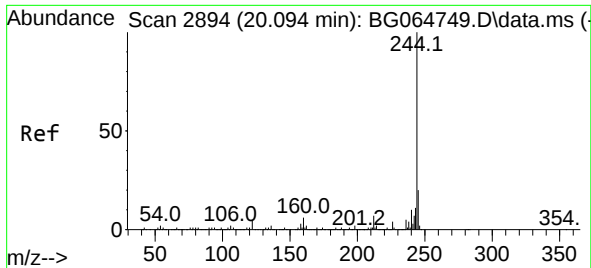
Tgt Ion:188 Resp: 340643
Ion Ratio Lower Upper
188 100
94 6.7 4.7 7.1
80 7.4 5.4 8.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion:240 Resp: 415564
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.4#
236 24.7 20.8 31.2

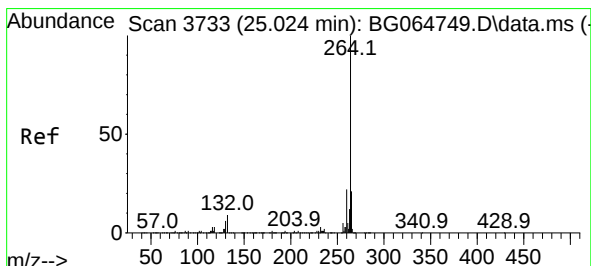
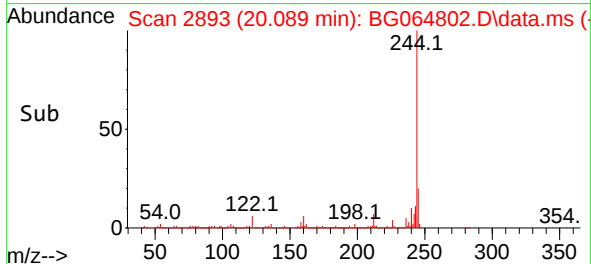
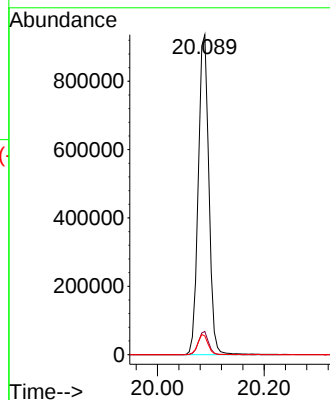
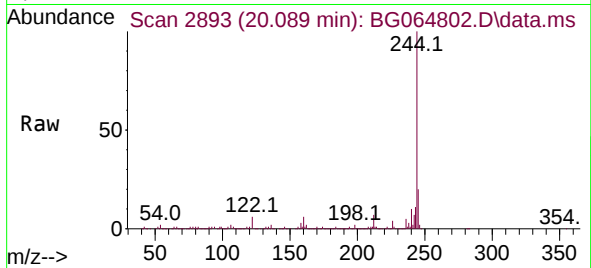




#79
 Terphenyl-d14
 Concen: 60.930 ng
 RT: 20.089 min Scan# 2893
 Delta R.T. -0.006 min
 Lab File: BG064802.D
 Acq: 18 Nov 2025 14:18

Instrument :
 BNA_G
 ClientSampleId :
 SEWAREN-CONCRETE

Tgt Ion:244 Resp: 1287186
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 5.8 4.3 6.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3731
 Delta R.T. -0.011 min
 Lab File: BG064802.D
 Acq: 18 Nov 2025 14:18

Tgt Ion:264 Resp: 396182
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.2 25.8
 265 21.7 16.6 25.0

