

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)

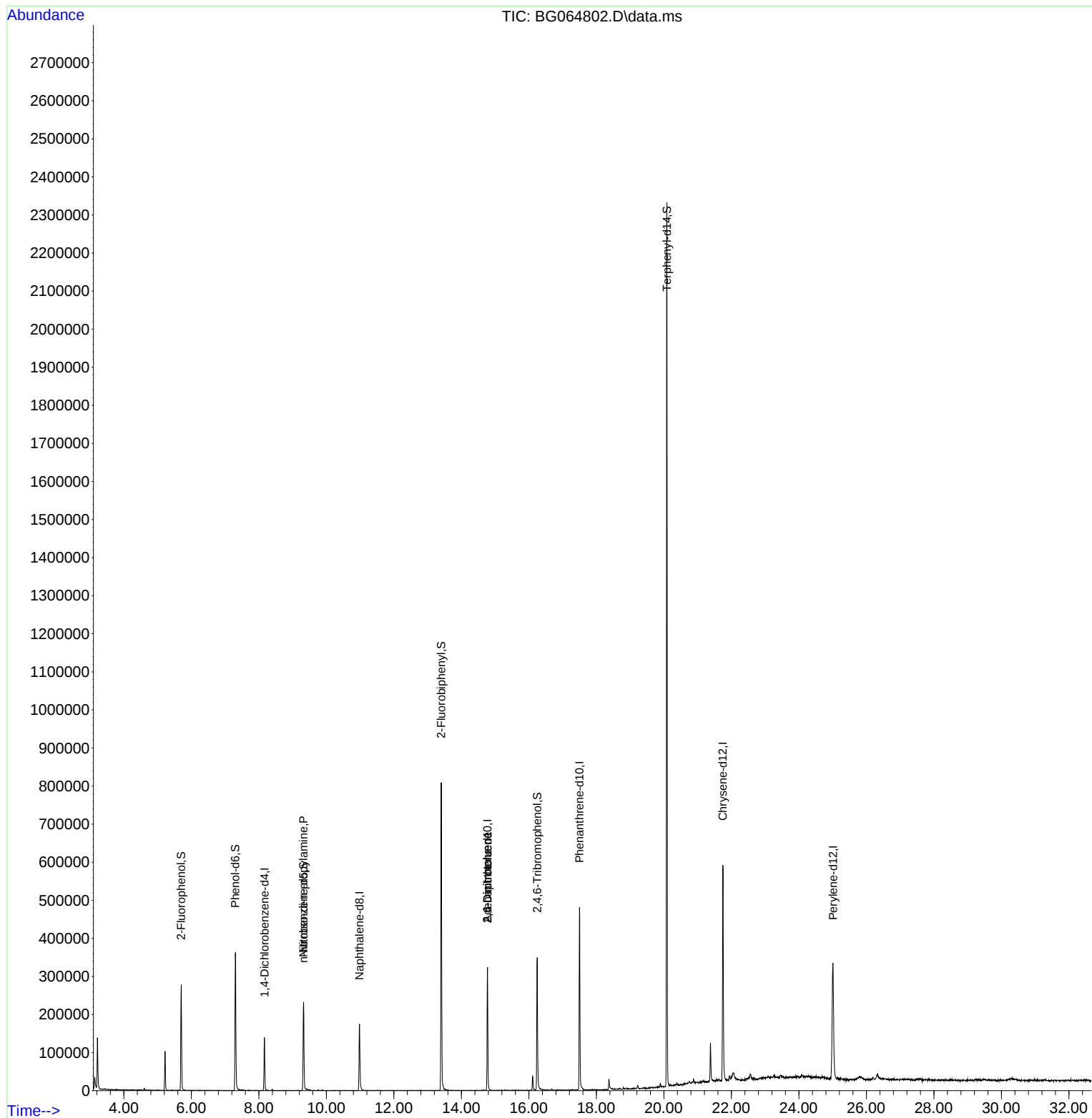
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.168	152	40773	20.000	ng	0.00
21) Naphthalene-d8	10.982	136	158976	20.000	ng	0.00
39) Acenaphthene-d10	14.772	164	131026	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	340643	20.000	ng	0.00
76) Chrysene-d12	21.746	240	415564	20.000	ng	#-0.01
86) Perylene-d12	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						
19) n-Nitroso-di-n-propyla...	9.319	70	18102	8.621	ng	# 69
51) 2,6-Dinitrotoluene	14.772	165	15988	8.028	ng	# 22
57) 2,4-Dinitrotoluene	14.772	165	15988	5.355	ng	# 26

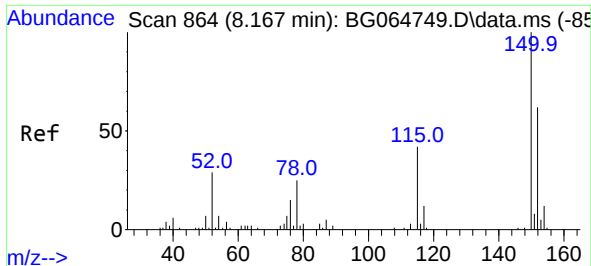
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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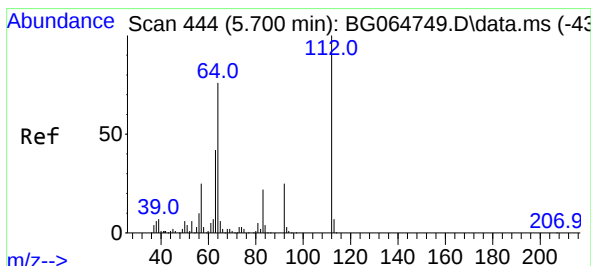
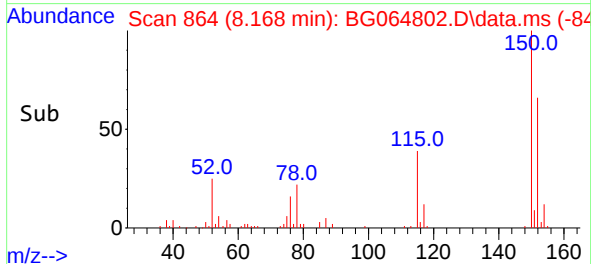
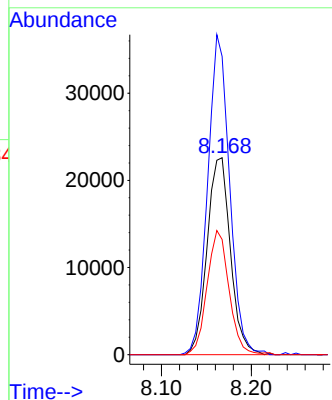
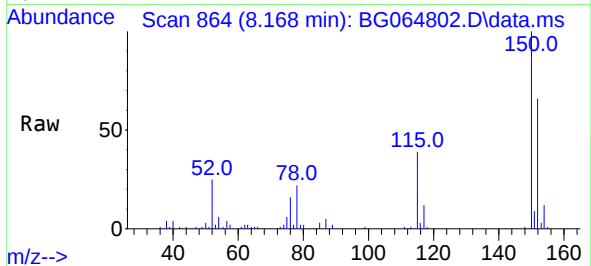




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.168 min Scan# 864
Delta R.T. 0.001 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

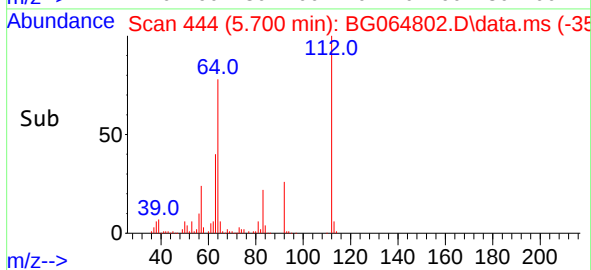
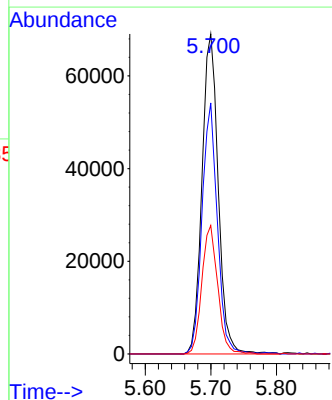
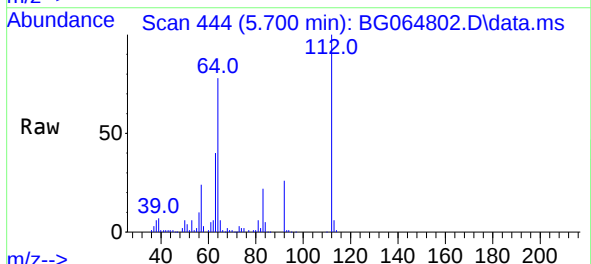
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

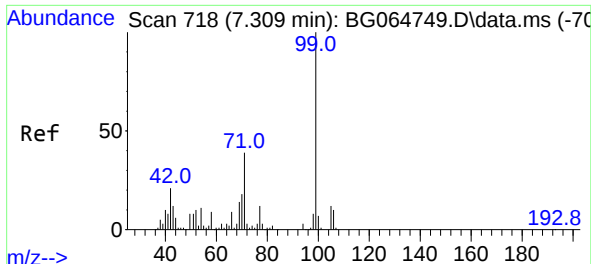
Tgt Ion:152 Resp: 40773
Ion Ratio Lower Upper
152 100
150 151.4 129.2 193.8
115 58.5 53.7 80.5



#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

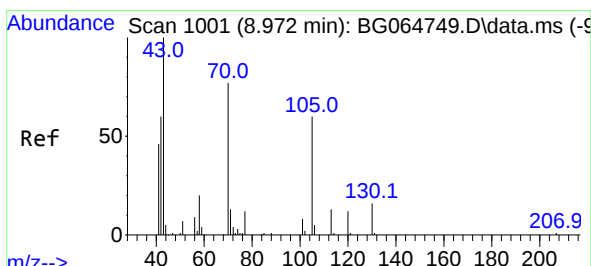
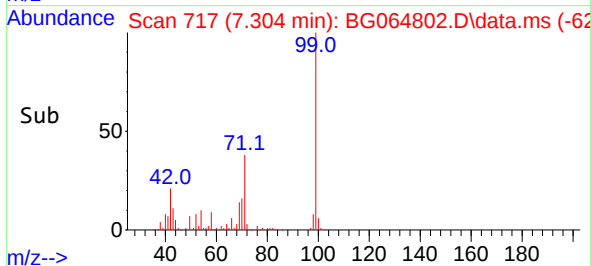
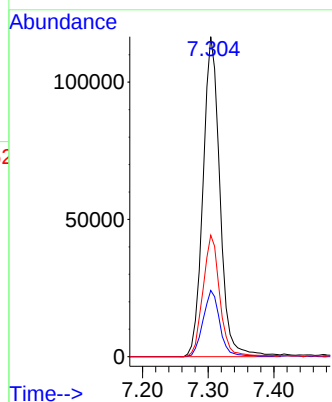
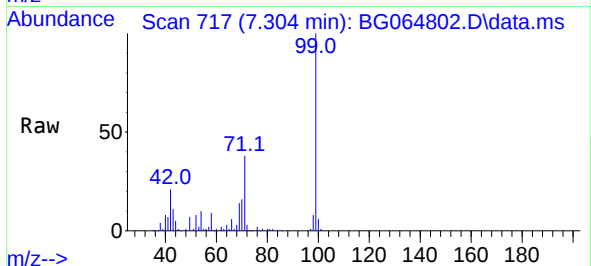




#7
Phenol-d6
Concen: 67.646 ng
RT: 7.304 min Scan# 71
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

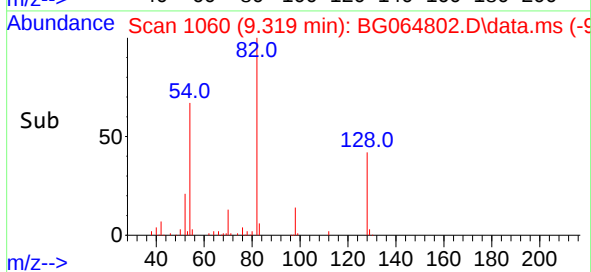
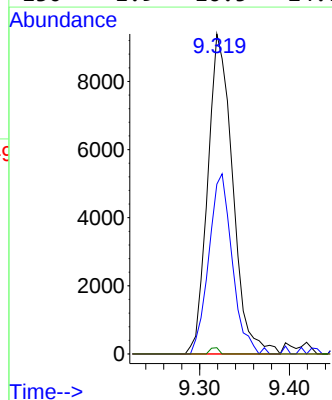
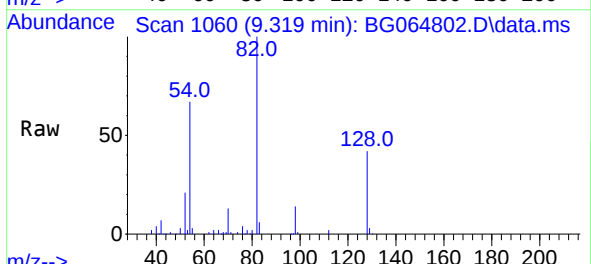
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

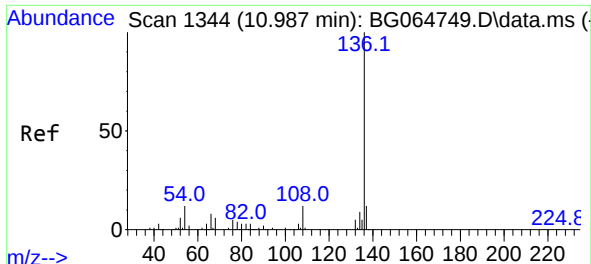
Tgt Ion: 99 Resp: 210078
Ion Ratio Lower Upper
99 100
42 20.7 16.8 25.2
71 37.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 8.621 ng
RT: 9.319 min Scan# 1060
Delta R.T. 0.347 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion: 70 Resp: 18102
Ion Ratio Lower Upper
70 100
42 53.0 62.6 93.8#
101 0.0 8.0 12.0#
130 1.9 16.5 24.7#

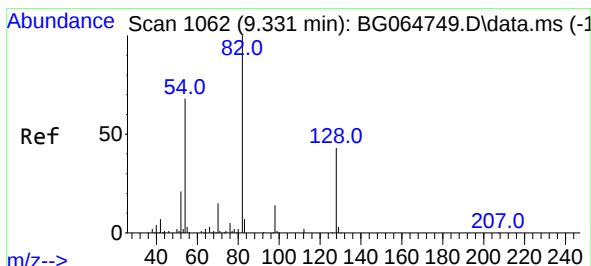
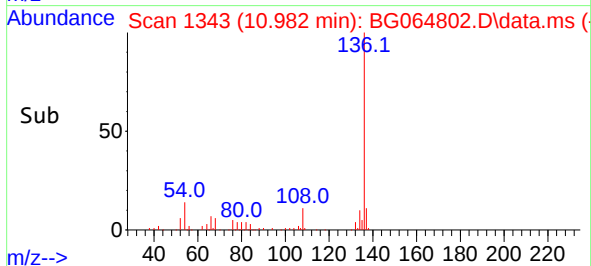
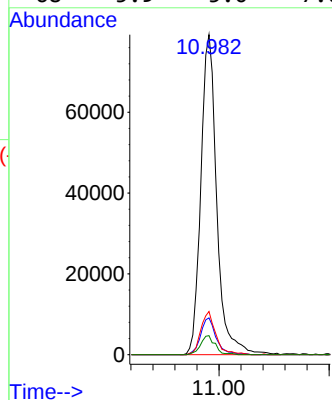
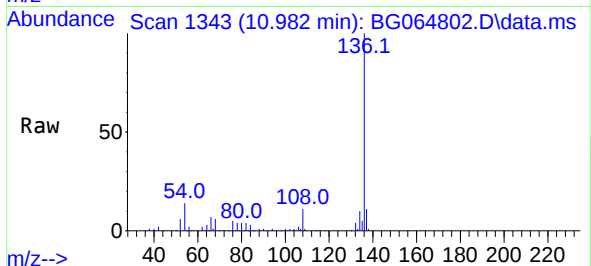




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.982 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

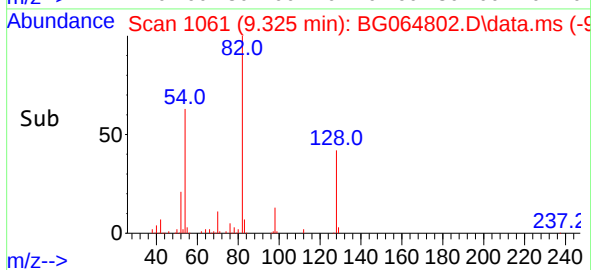
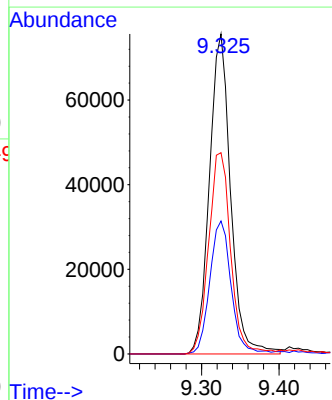
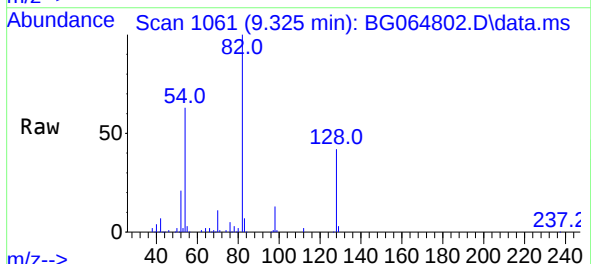
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

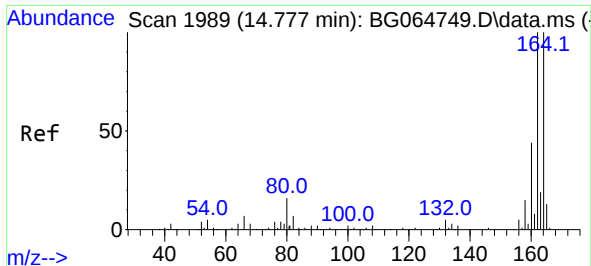
Tgt Ion:	136	Resp:	158976
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	13.5	9.3	13.9
68	5.9	5.0	7.6



#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

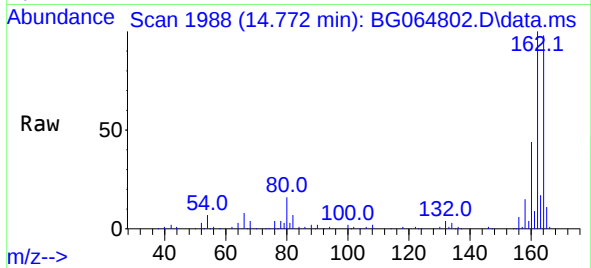
Tgt Ion:	82	Resp:	143616
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.1	51.1
54	62.9	54.3	81.5



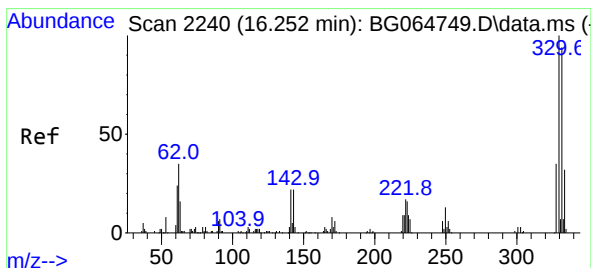
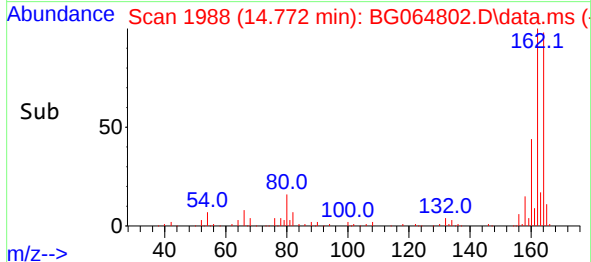
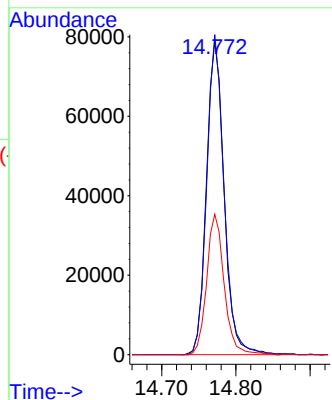


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1988
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

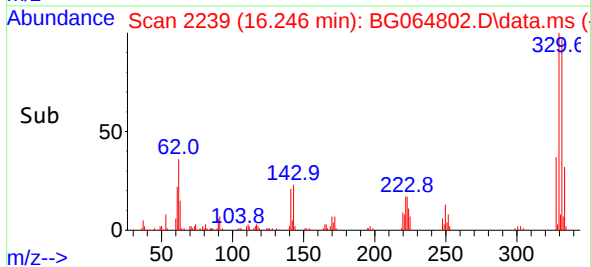
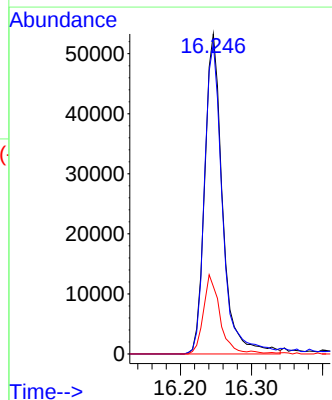
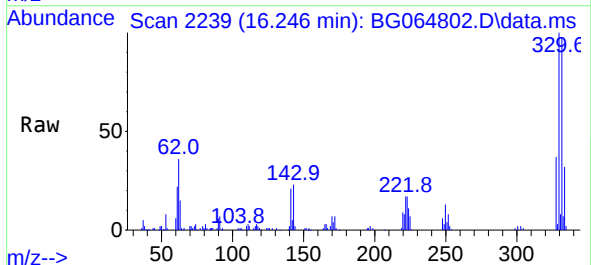


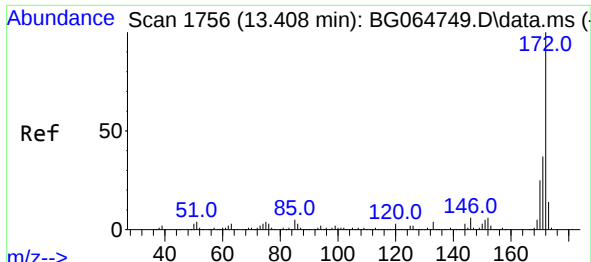
Tgt Ion:164 Resp: 131026
Ion Ratio Lower Upper
164 100
162 102.2 79.8 119.6
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 36.456 ng
RT: 16.246 min Scan# 2239
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

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

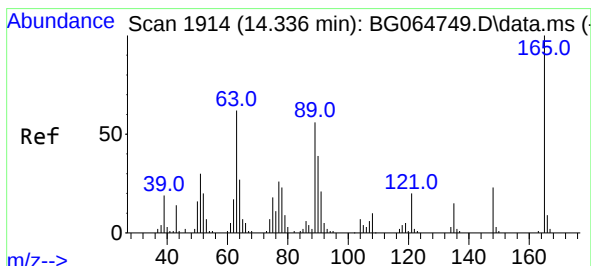
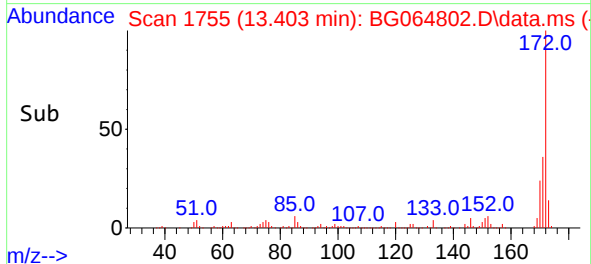
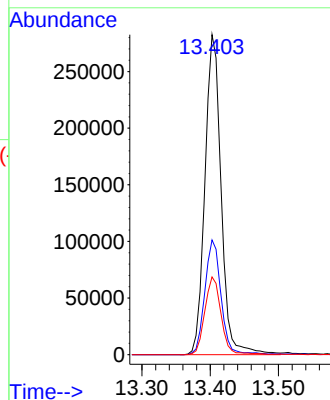
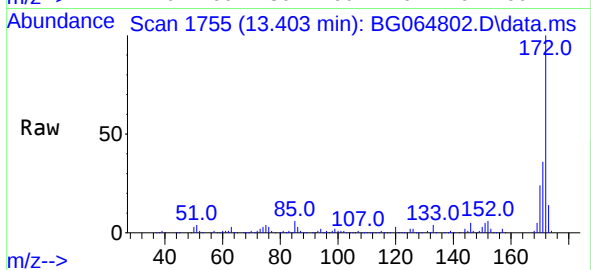




#45
2-Fluorobiphenyl
Concen: 49.860 ng
RT: 13.403 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

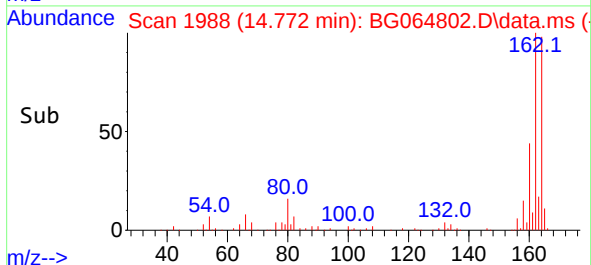
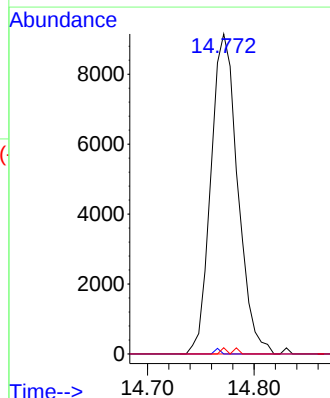
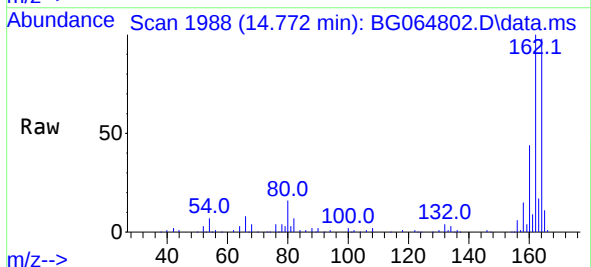
Instrument :
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ClientSampleId :
SEWAREN-CONCRETE

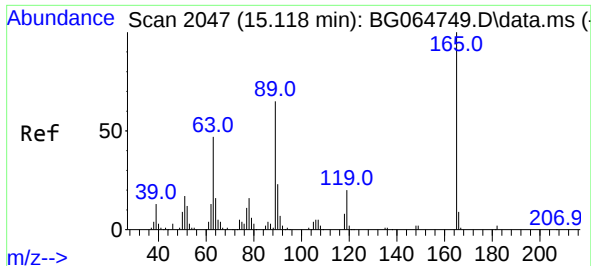
Tgt Ion:172 Resp: 468193
Ion Ratio Lower Upper
172 100
171 35.9 29.9 44.9
170 24.3 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.028 ng
RT: 14.772 min Scan# 1988
Delta R.T. 0.435 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

Tgt Ion:165 Resp: 15988
Ion Ratio Lower Upper
165 100
63 0.0 49.8 74.8#
89 1.9 45.0 67.4#





#57

2,4-Dinitrotoluene

Concen: 5.355 ng

RT: 14.772 min Scan# 1988

Delta R.T. -0.346 min

Lab File: BG064802.D

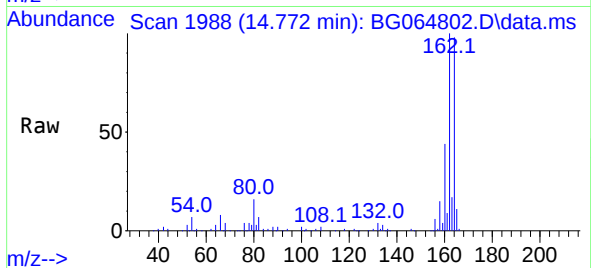
Acq: 18 Nov 2025 14:18

Instrument :

BNA_G

ClientSampleId :

SEWAREN-CONCRETE



Tgt Ion:165 Resp: 15988

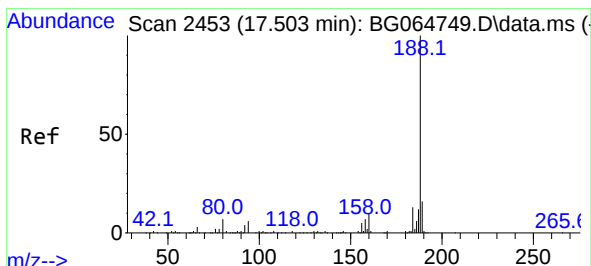
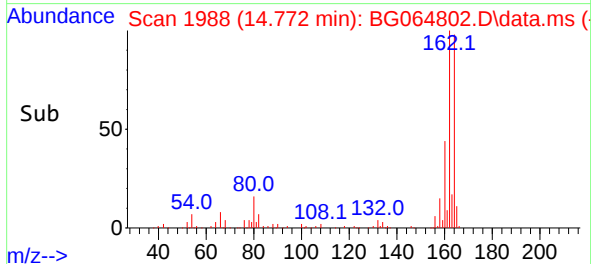
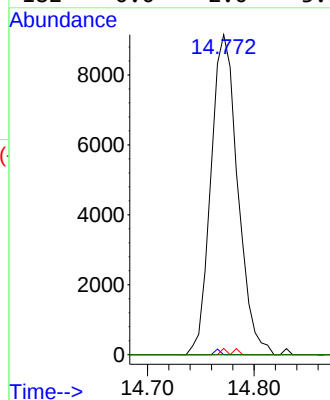
Ion Ratio Lower Upper

165 100

63 0.0 37.8 56.6#

89 1.9 51.6 77.4#

182 0.0 2.0 3.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BG064802.D

Acq: 18 Nov 2025 14:18

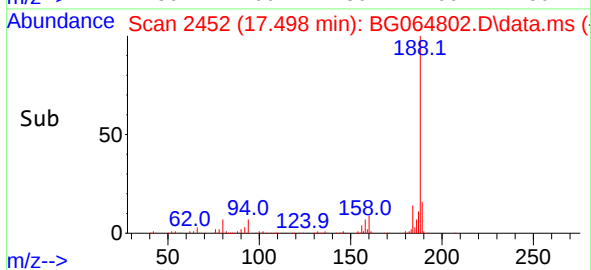
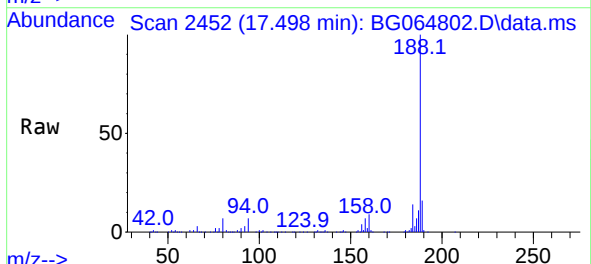
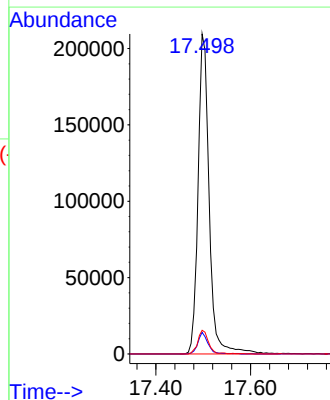
Tgt Ion:188 Resp: 340643

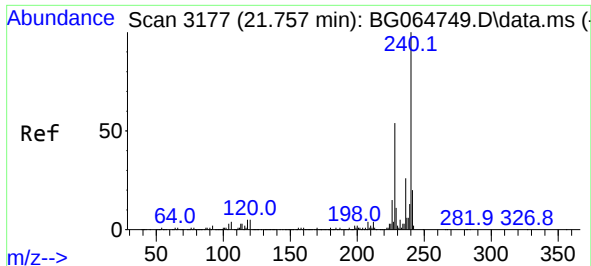
Ion Ratio Lower Upper

188 100

94 6.7 4.7 7.1

80 7.4 5.4 8.2

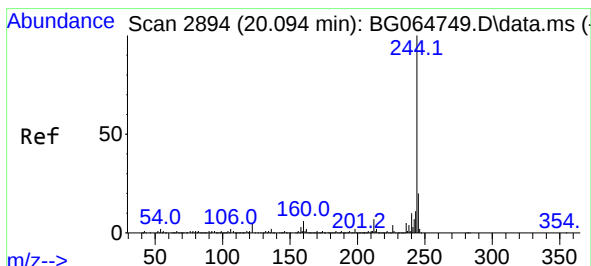
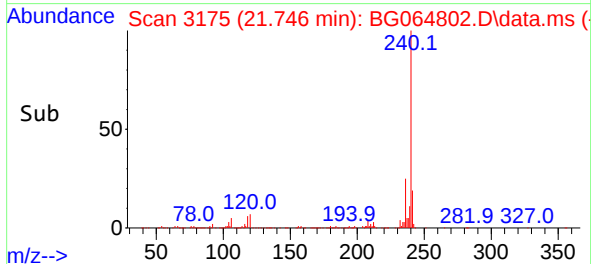
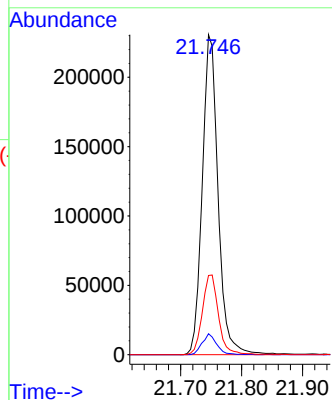
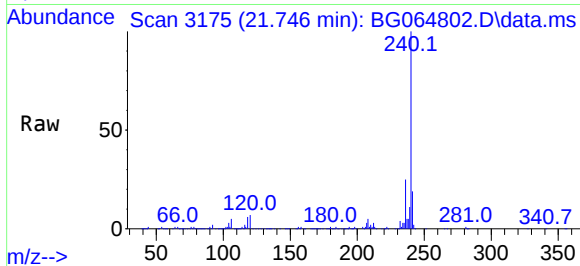




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.746 min Scan# 3175
Delta R.T. -0.012 min
Lab File: BG064802.D
Acq: 18 Nov 2025 14:18

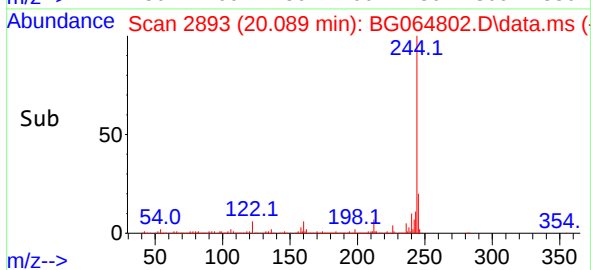
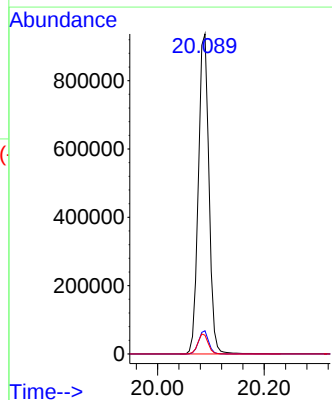
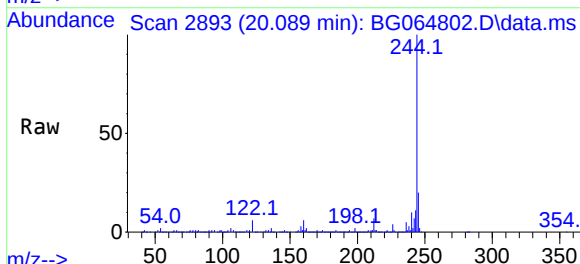
Instrument :
BNA_G
ClientSampleId :
SEWAREN-CONCRETE

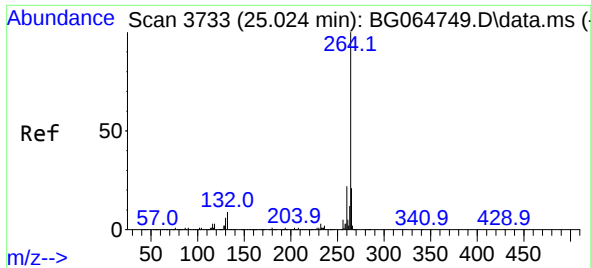
Tgt Ion:240 Resp: 415564
Ion Ratio Lower Upper
240 100
120 6.5 4.2 6.4#
236 24.7 20.8 31.2



#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

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# 31
 Delta R.T. -0.011 min
 Lab File: BG064802.D
 Acq: 18 Nov 2025 14:18

Instrument :
 BNA_G
 ClientSampleId :
 SEWAREN-CONCRETE

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

