

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050681.D
 Acq On : 22 Oct 2021 00:34
 Operator : CG/JU
 Sample : M4283-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Oct 22 04:04:56 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 14 10:56:22 2021
 Response via : Initial Calibration

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

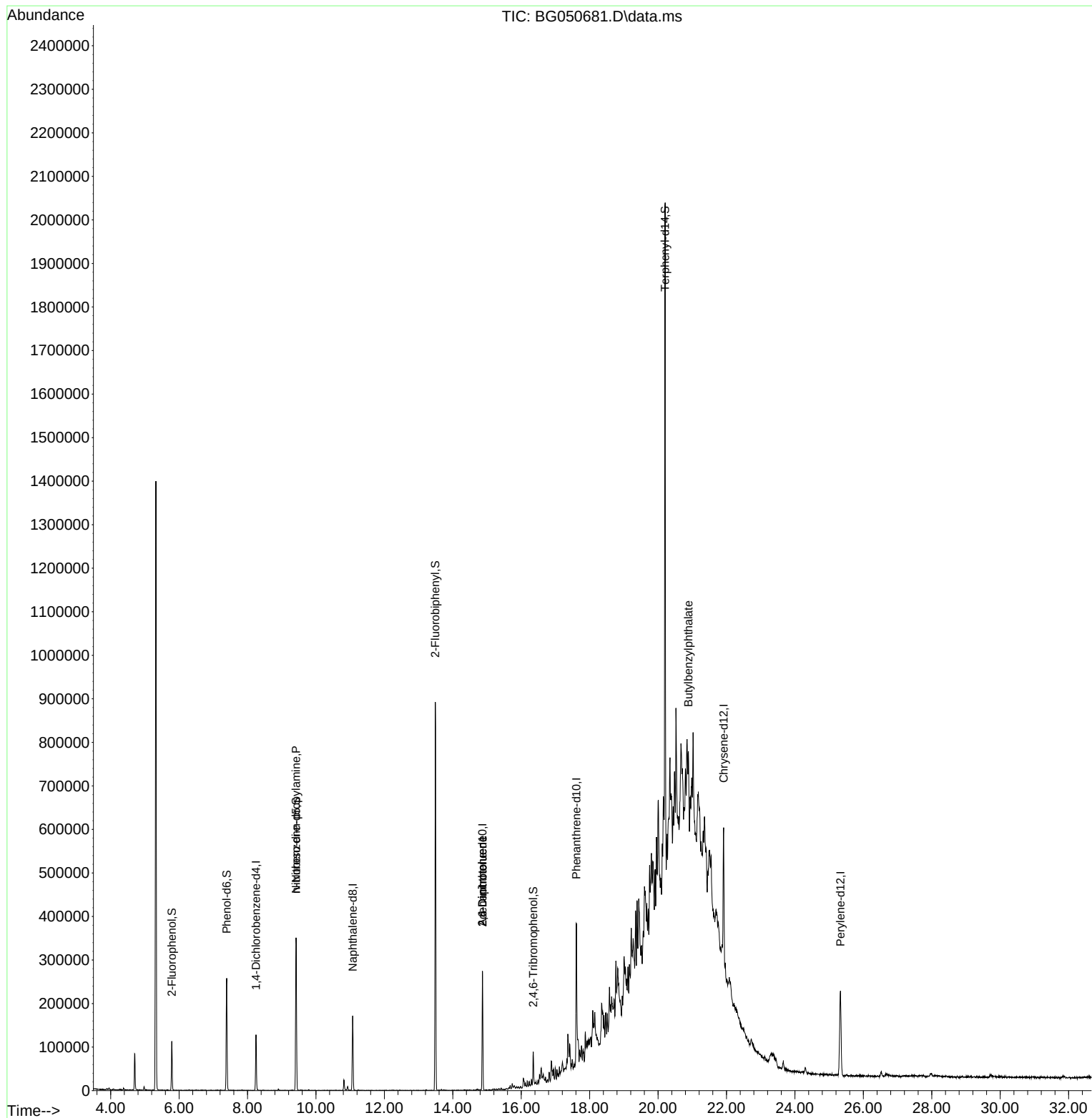
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.249	152	32767	20.000	ng	0.00
21) Naphthalene-d8	11.075	136	143081	20.000	ng	# 0.00
39) Acenaphthene-d10	14.865	164	94234	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	202218	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	178843	20.000	ng	# 0.00
86) Perylene-d12	25.329	264	192659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	43923	20.047	ng	0.00
7) Phenol-d6	7.392	99	147778	46.586	ng	0.00
23) Nitrobenzene-d5	9.419	82	229775	66.478	ng	0.00
42) 2,4,6-Tribromophenol	16.352	330	11480	12.772	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	437941	69.945	ng	-0.01
79) Terphenyl-d14	20.206	244	653327	71.192	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.386	77	315	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.419	70	33077	14.306	ng	# 70
51) 2,6-Dinitrotoluene	14.865	165	12687	8.893	ng	# 11
57) 2,4-Dinitrotoluene	14.865	165	12687	6.309	ng	# 16
80) Butylbenzylphthalate	20.887	149	11911	2.219	ng	95

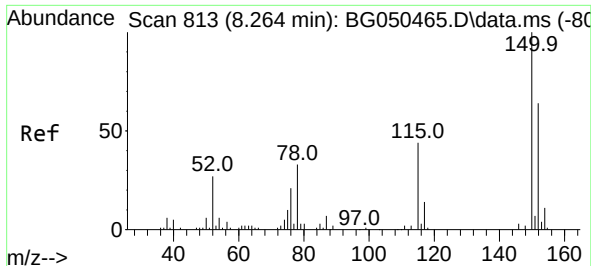
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
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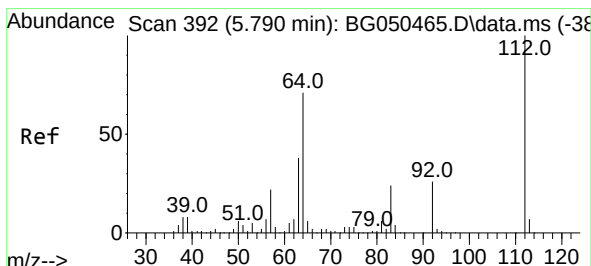
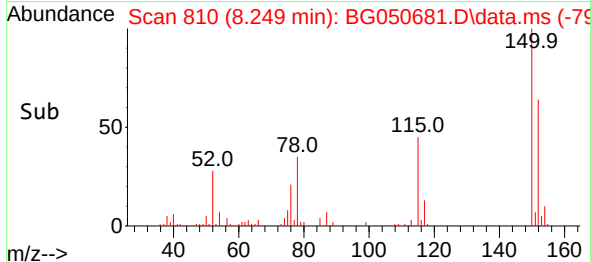
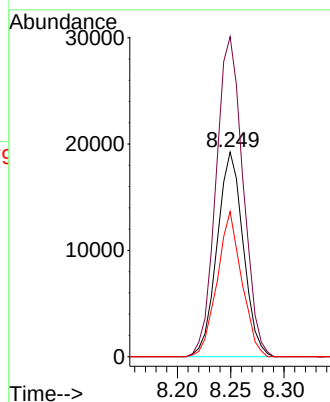
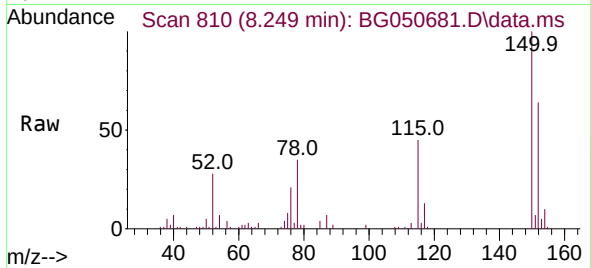




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.249 min Scan# 810
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

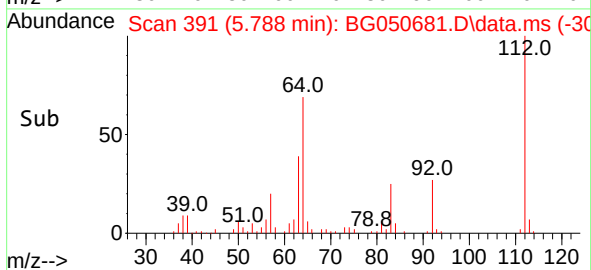
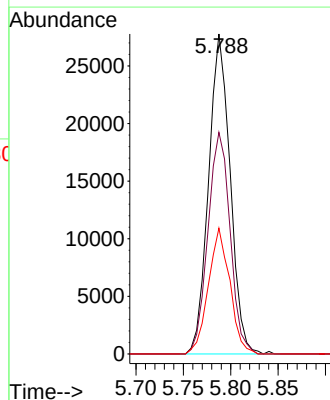
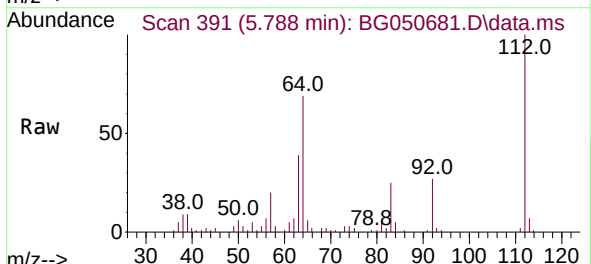
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

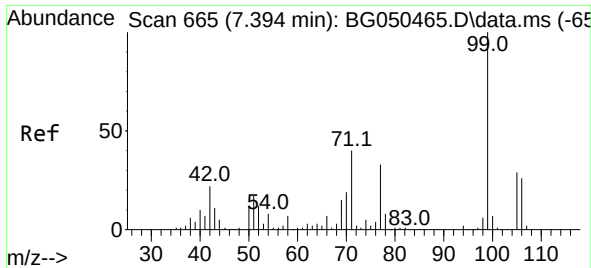
Tgt Ion:152 Resp: 32767
Ion Ratio Lower Upper
152 100
150 156.4 119.4 179.0
115 70.9 60.2 90.4



#5
2-Fluorophenol
Concen: 20.047 ng
RT: 5.788 min Scan# 391
Delta R.T. -0.003 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion:112 Resp: 43923
Ion Ratio Lower Upper
112 100
64 69.3 46.7 70.1
63 39.3 35.3 52.9

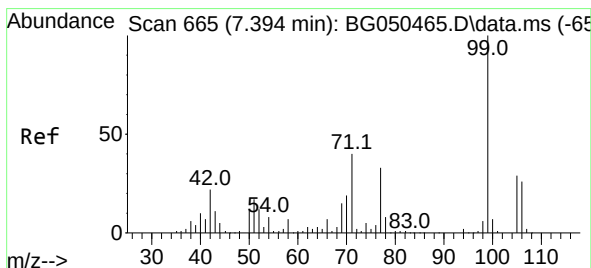
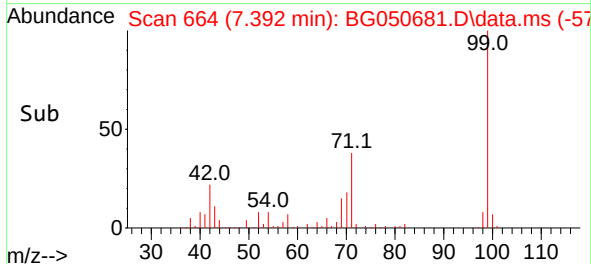
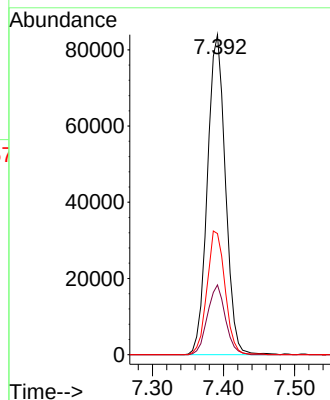
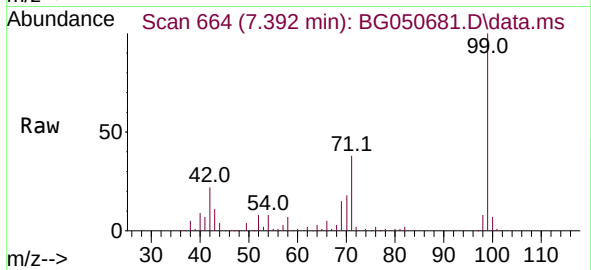




#7
Phenol-d6
Concen: 46.586 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

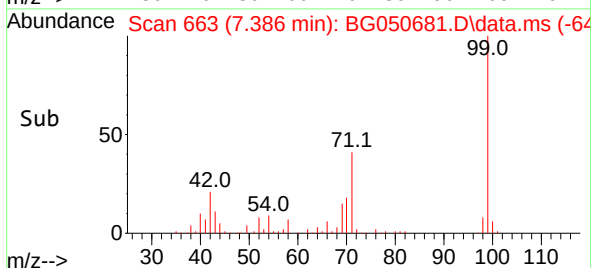
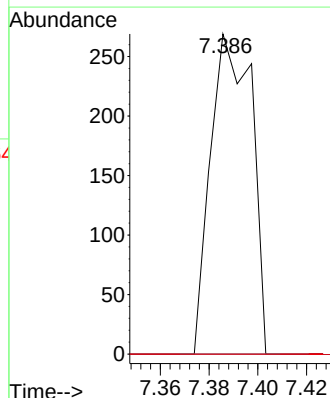
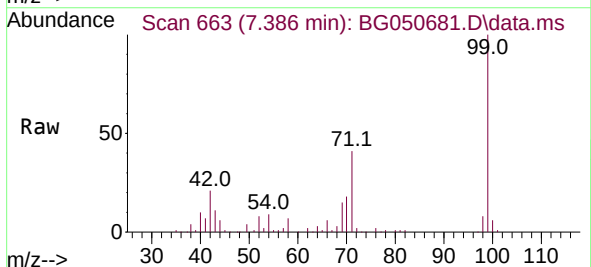
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

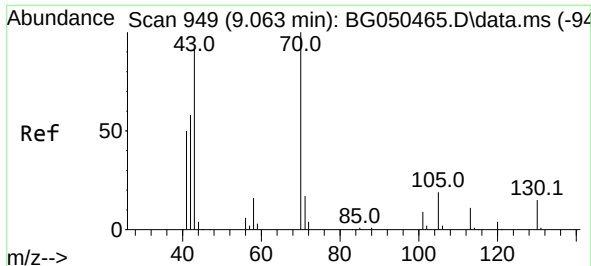
Tgt Ion: 99 Resp: 147778
Ion Ratio Lower Upper
99 100
42 21.8 20.5 30.7
71 37.9 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.386 min Scan# 663
Delta R.T. -0.003 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion: 77 Resp: 315
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

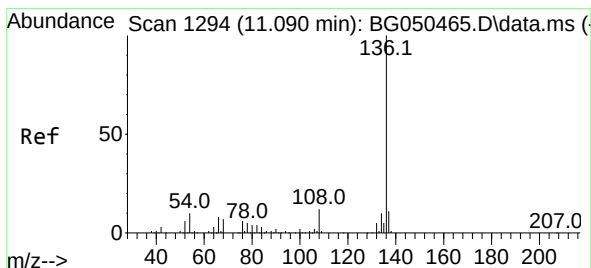
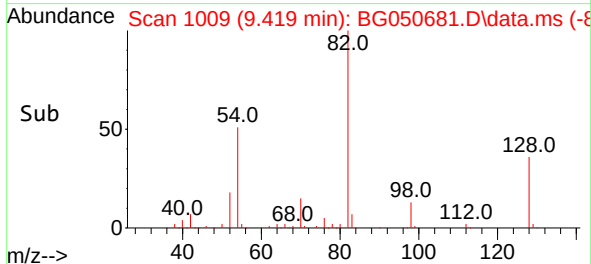
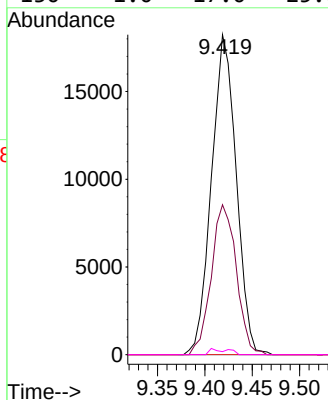
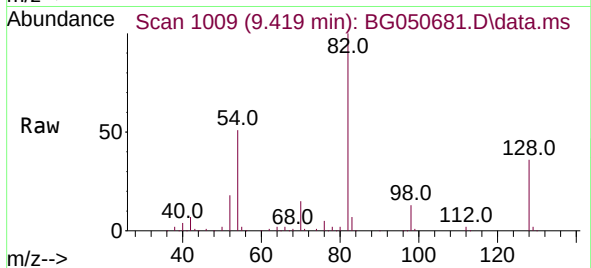




#19
n-Nitroso-di-n-propylamine
Concen: 14.306 ng
RT: 9.419 min Scan# 1009
Delta R.T. 0.361 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

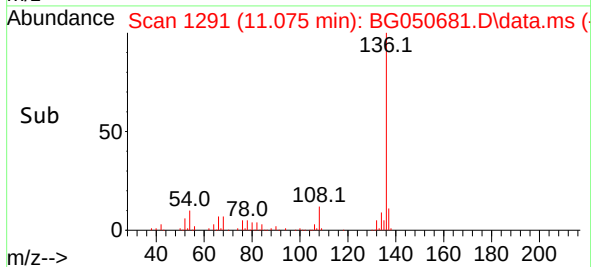
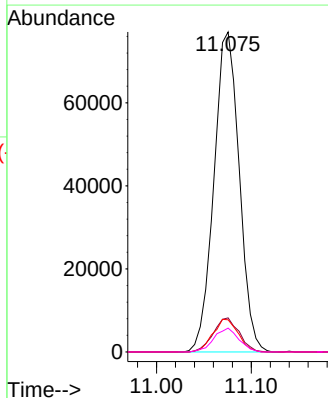
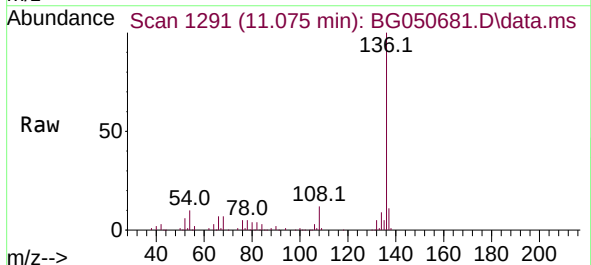
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

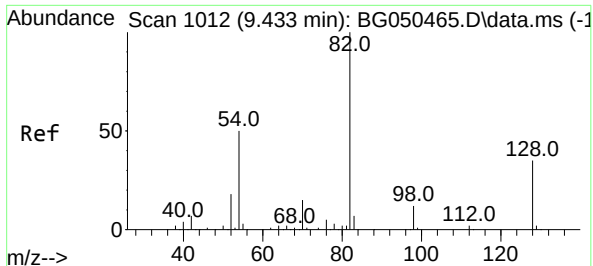
Tgt Ion: 70 Resp: 33077
Ion Ratio Lower Upper
70 100
42 46.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.0 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.075 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion:136 Resp: 143081
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 10.0 5.5 8.3#
68 7.4 2.3 3.5#

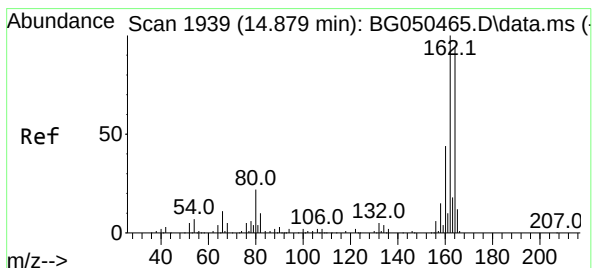
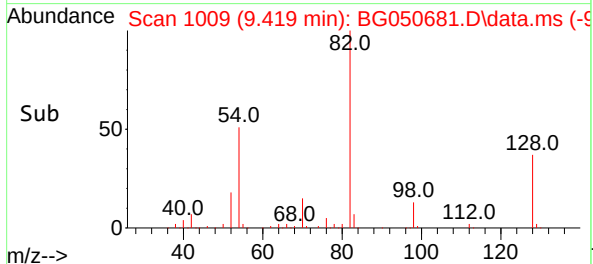
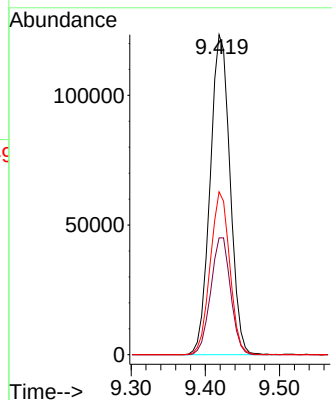
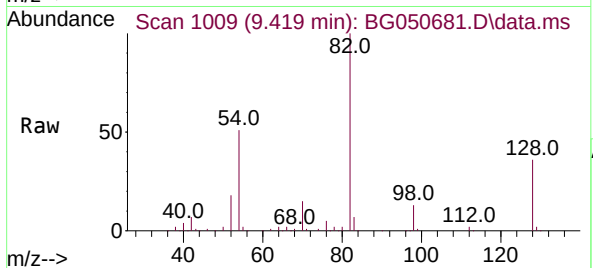




#23
Nitrobenzene-d5
Concen: 66.478 ng
RT: 9.419 min Scan# 1009
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

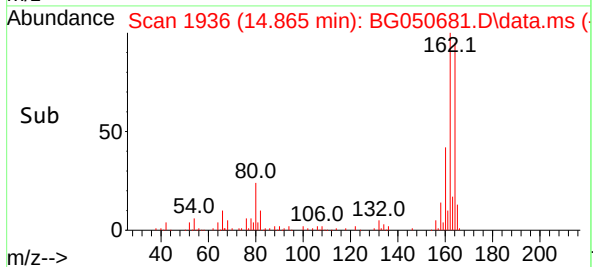
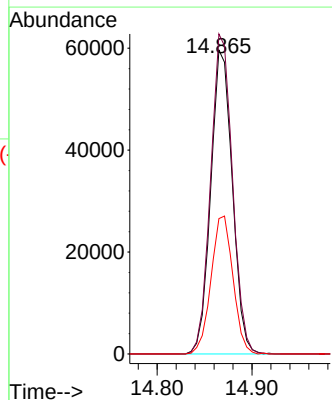
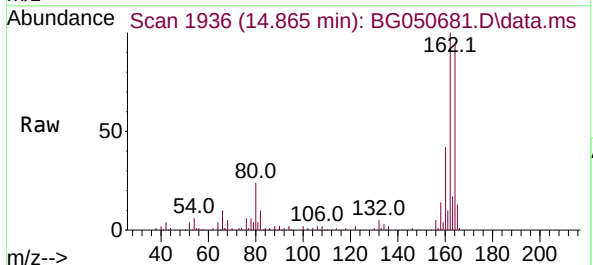
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

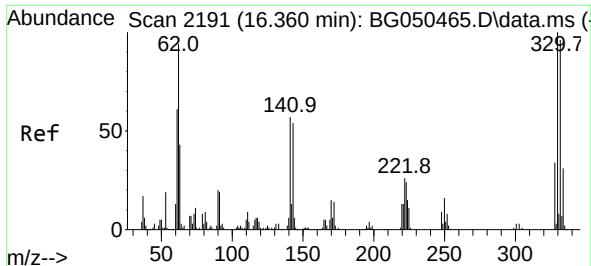
Tgt Ion: 82 Resp: 229775
Ion Ratio Lower Upper
82 100
128 36.5 29.8 44.6
54 50.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion:164 Resp: 94234
Ion Ratio Lower Upper
164 100
162 105.3 81.4 122.0
160 44.6 34.9 52.3

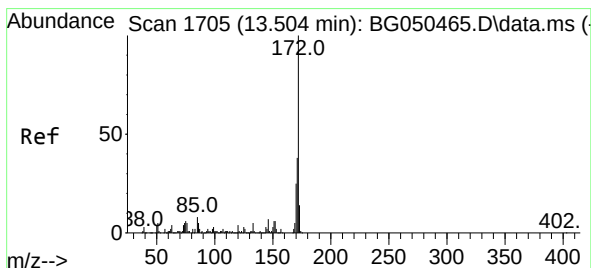
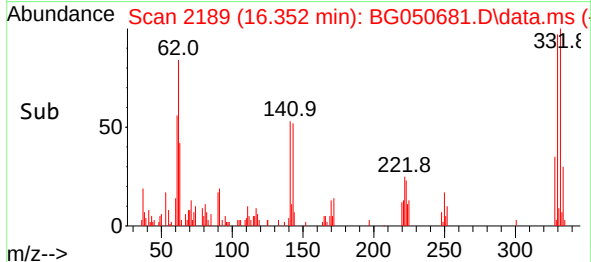
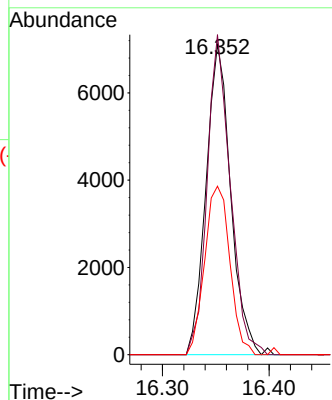
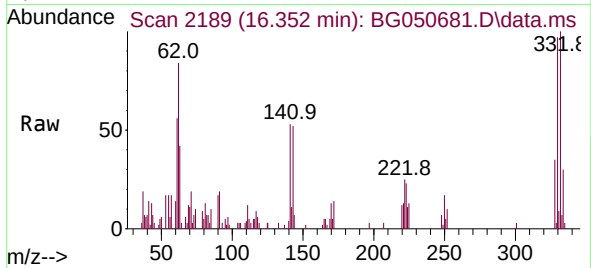




#42
2,4,6-Tribromophenol
Concen: 12.772 ng
RT: 16.352 min Scan# 2189
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

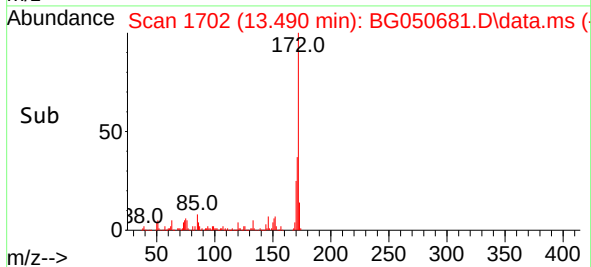
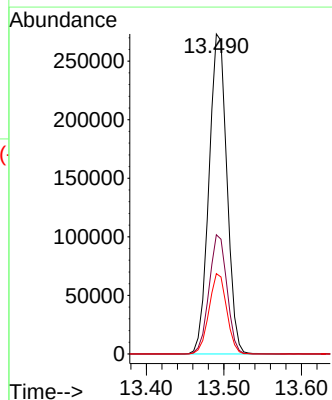
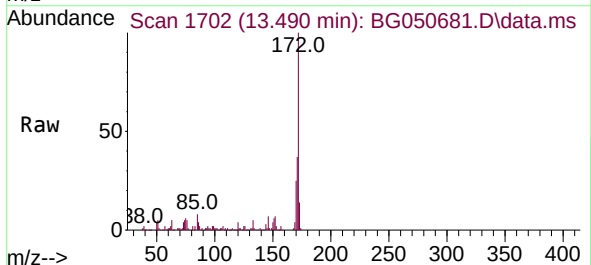
Instrument :
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ClientSampleId :
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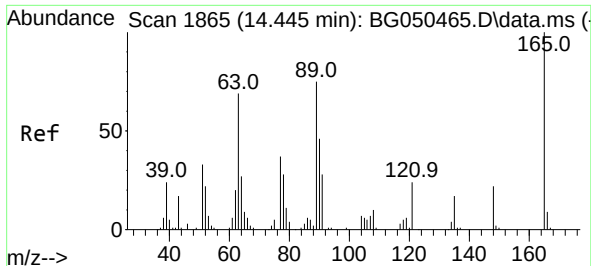
Tgt Ion:330 Resp: 11480
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 55.4 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 69.945 ng
RT: 13.490 min Scan# 1702
Delta R.T. -0.015 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion:172 Resp: 437941
Ion Ratio Lower Upper
172 100
171 37.3 28.6 43.0
170 25.1 18.6 27.8

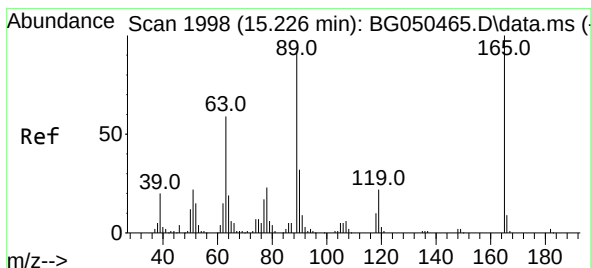
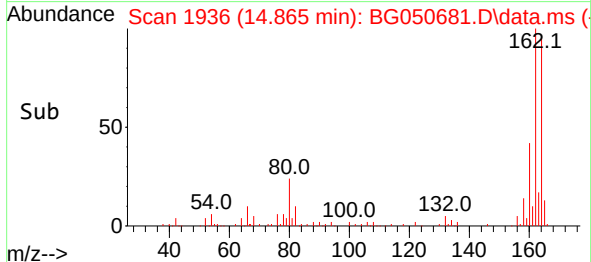
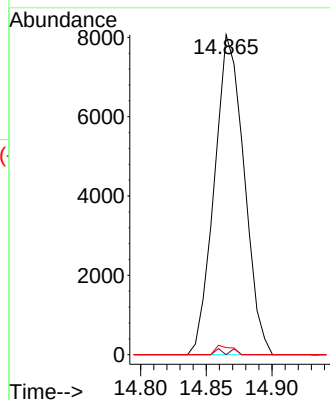
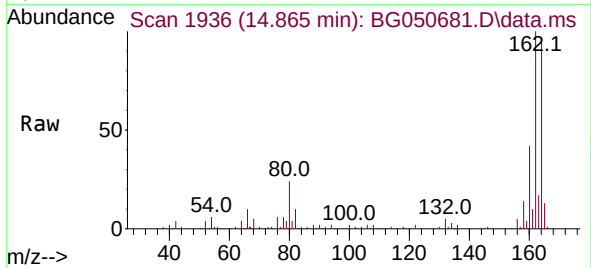




#51
2,6-Dinitrotoluene
Concen: 8.893 ng
RT: 14.865 min Scan# 1936
Delta R.T. 0.420 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

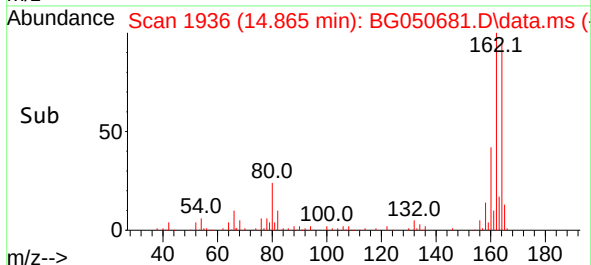
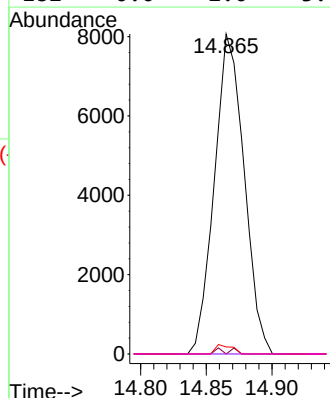
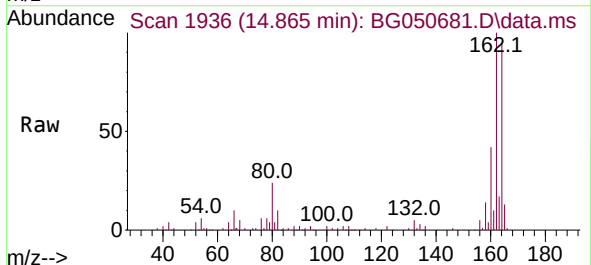
Instrument :
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CONCRETE-PAD

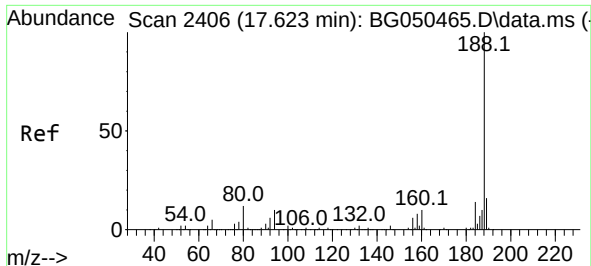
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	63.3	94.9#
89	2.2	63.4	95.0#



#57
2,4-Dinitrotoluene
Concen: 6.309 ng
RT: 14.865 min Scan# 1936
Delta R.T. -0.362 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.0	72.0#
89	2.2	65.4	98.0#
182	0.0	2.0	3.0#

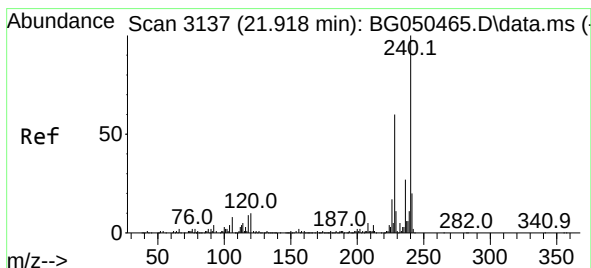
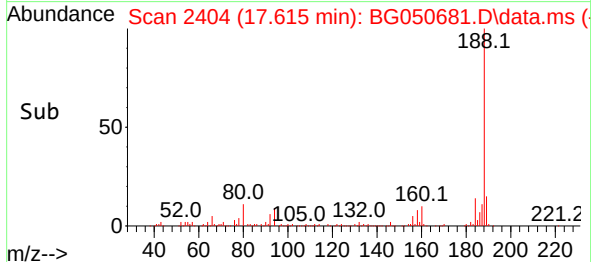
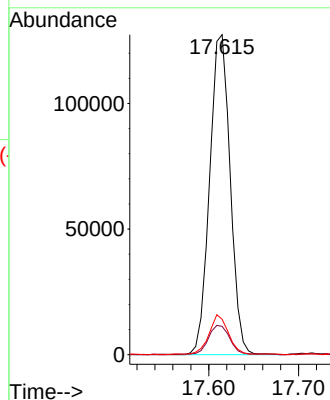
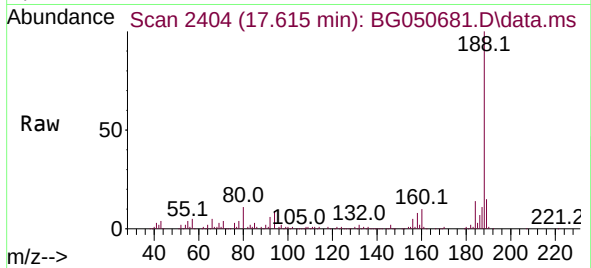




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

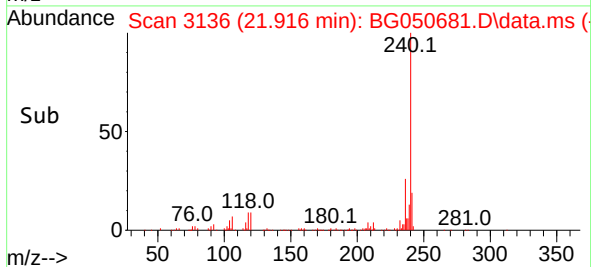
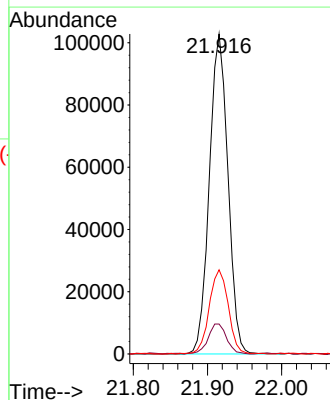
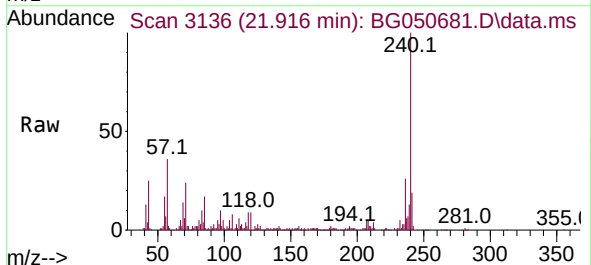
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

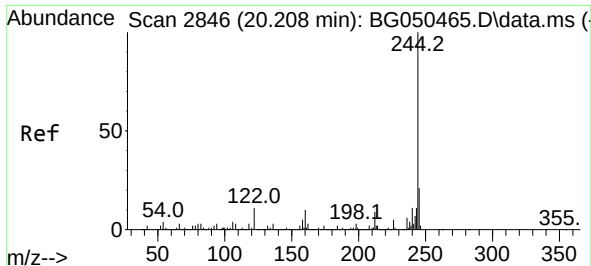
Tgt Ion:188 Resp: 202218
Ion Ratio Lower Upper
188 100
94 8.9 5.4 8.0#
80 11.1 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050681.D
Acq: 22 Oct 2021 00:34

Tgt Ion:240 Resp: 178843
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.3 21.8 32.6

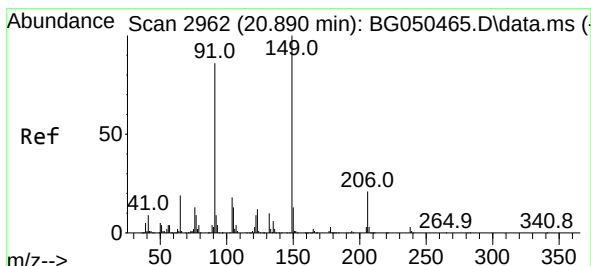
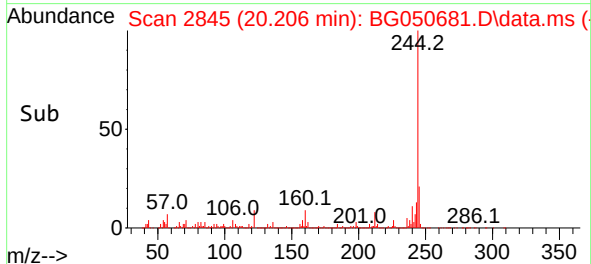
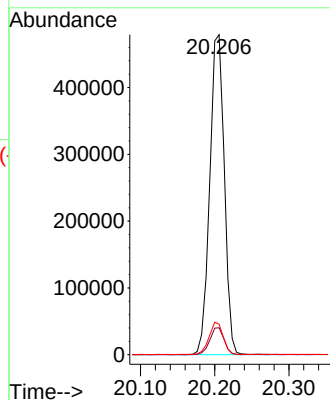
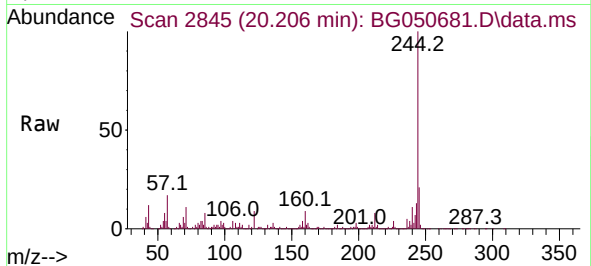




#79
 Terphenyl-d14
 Concen: 71.192 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050681.D
 Acq: 22 Oct 2021 00:34

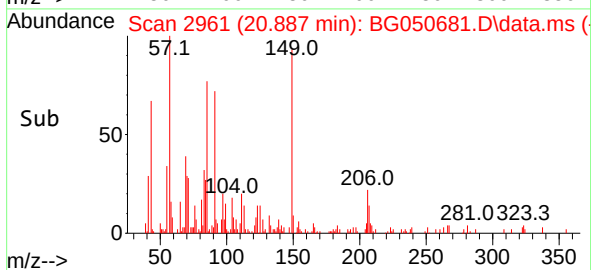
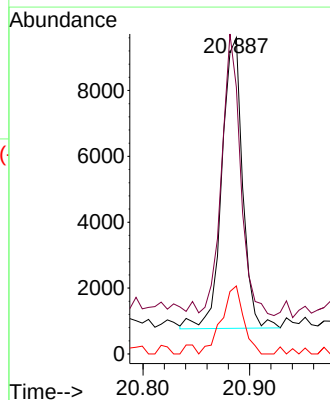
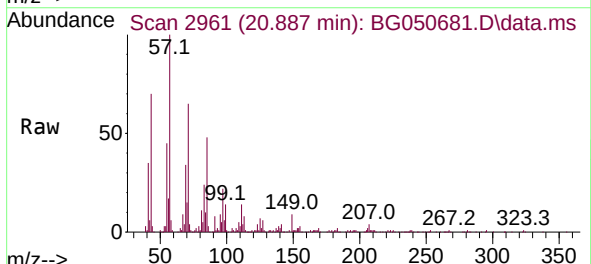
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

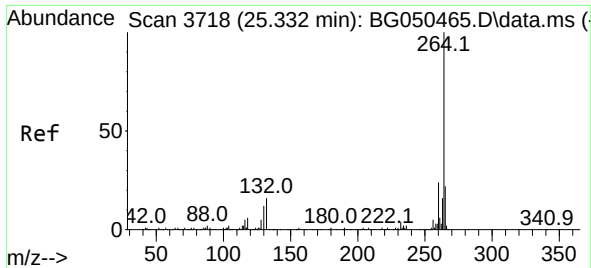
Tgt Ion:244 Resp: 653327
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.9 10.3
 122 9.5 5.0 7.6#



#80
 Butylbenzylphthalate
 Concen: 2.219 ng
 RT: 20.887 min Scan# 2961
 Delta R.T. -0.003 min
 Lab File: BG050681.D
 Acq: 22 Oct 2021 00:34

Tgt Ion:149 Resp: 11911
 Ion Ratio Lower Upper
 149 100
 91 84.3 63.4 95.2
 206 21.5 18.4 27.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.329 min Scan# 3717
 Delta R.T. -0.003 min
 Lab File: BG050681.D
 Acq: 22 Oct 2021 00:34

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

Tgt Ion:264 Resp: 192659
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 22.4 16.9 25.3

