

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102121\
 Data File : BG050670.D
 Acq On : 21 Oct 2021 16:59
 Operator : CG/JU
 Sample : M4283-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

Quant Time: Oct 21 17:40:44 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)

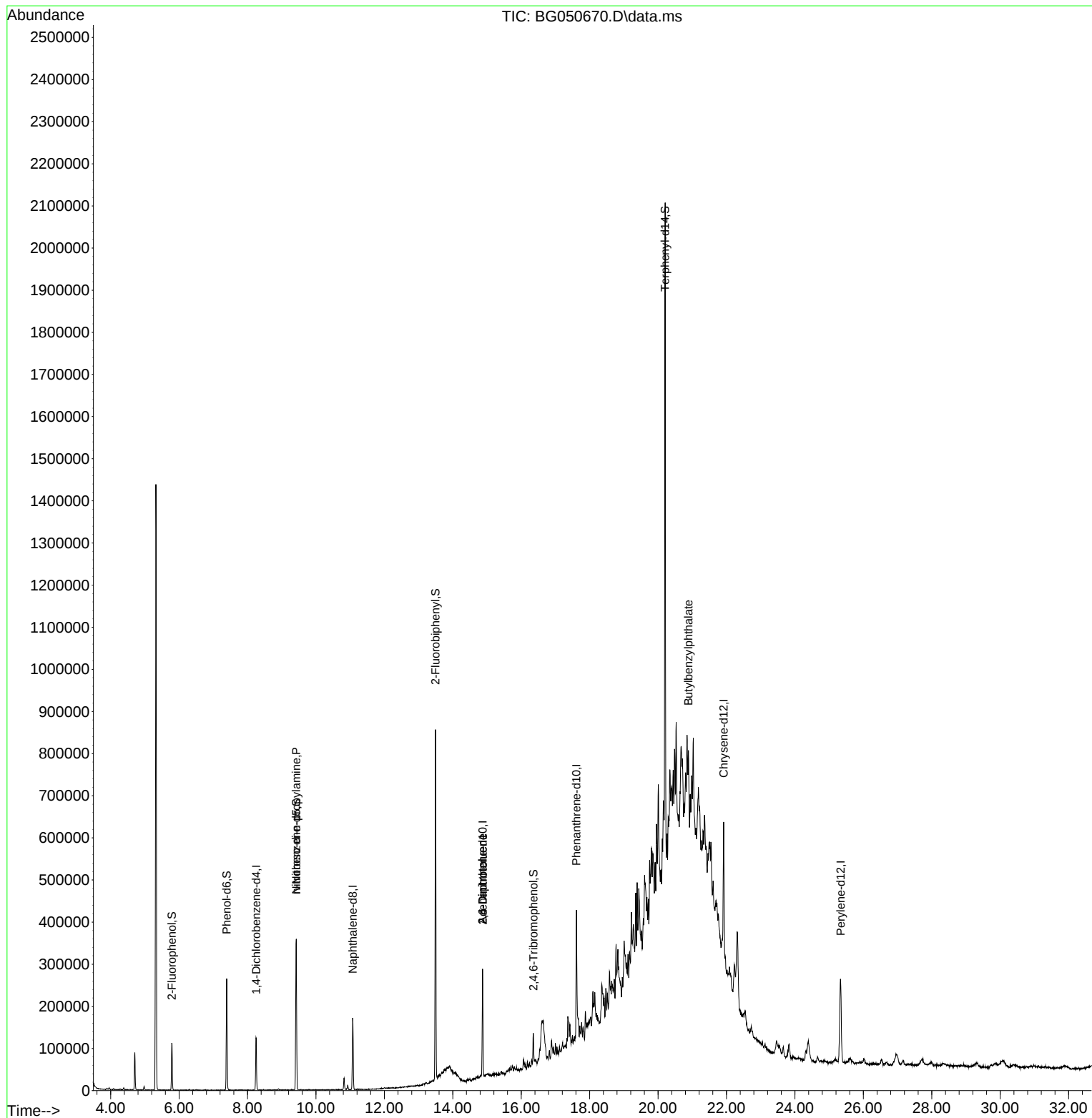
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.255	152	33901	20.000	ng	0.00
21) Naphthalene-d8	11.076	136	139822	20.000	ng	# 0.00
39) Acenaphthene-d10	14.871	164	86886	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	184634	20.000	ng	# 0.00
76) Chrysene-d12	21.916	240	178189	20.000	ng	# 0.00
86) Perylene-d12	25.335	264	184892	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	46391	20.465	ng	0.00
7) Phenol-d6	7.392	99	144639	44.071	ng	0.00
23) Nitrobenzene-d5	9.425	82	232371	68.796	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	10785	13.014	ng	0.00
45) 2-Fluorobiphenyl	13.496	172	416795	72.197	ng	0.00
79) Terphenyl-d14	20.206	244	641464	70.156	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.392	77	257	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.425	70	33161	13.863	ng	# 69
51) 2,6-Dinitrotoluene	14.871	165	11909	9.053	ng	# 12
57) 2,4-Dinitrotoluene	14.871	165	11909	6.423	ng	# 17
80) Butylbenzylphthalate	20.888	149	11991	2.242	ng	90

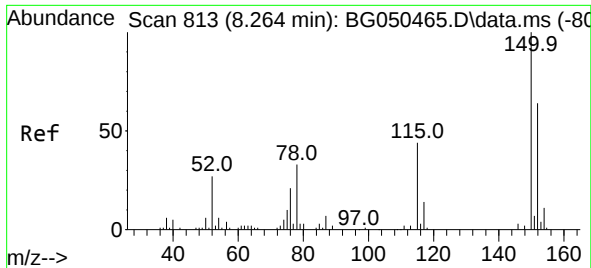
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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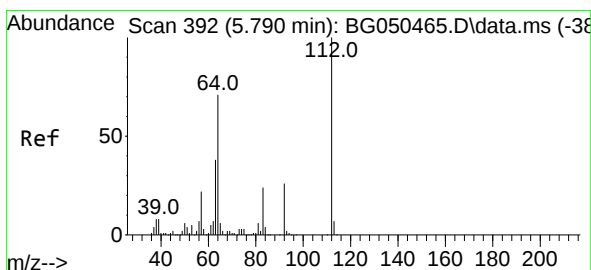
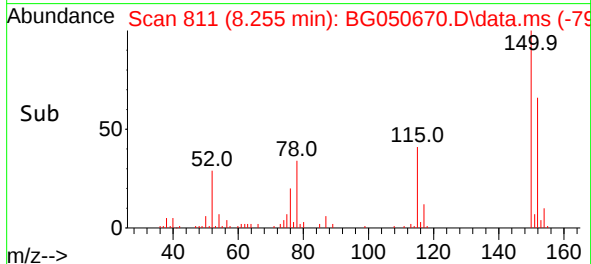
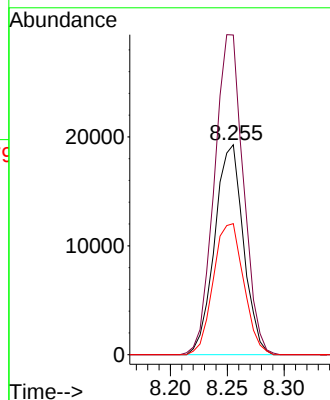
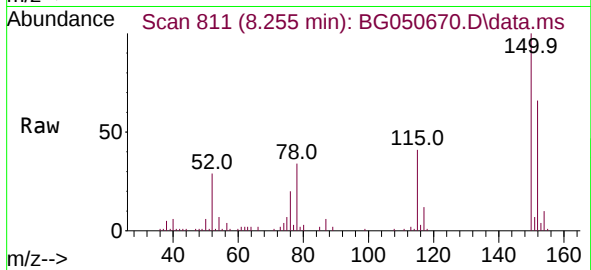




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.255 min Scan# 811
Delta R.T. -0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

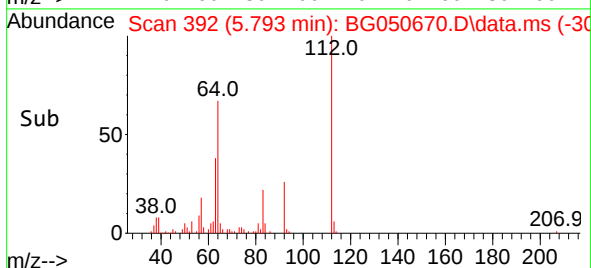
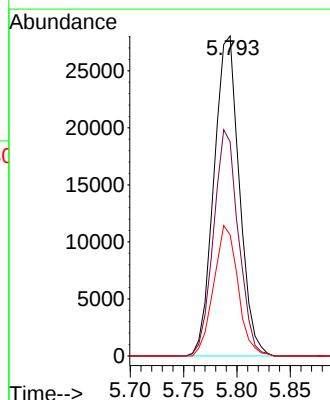
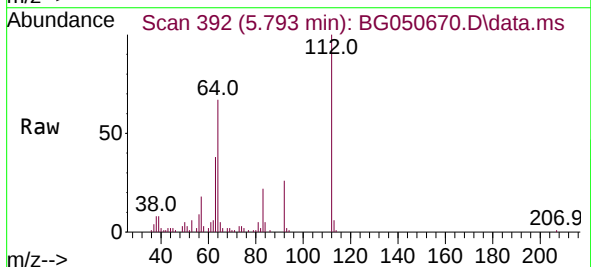
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

Tgt Ion:152 Resp: 33901
Ion Ratio Lower Upper
152 100
150 152.3 119.4 179.0
115 62.4 60.2 90.4



#5
2-Fluorophenol
Concen: 20.465 ng
RT: 5.793 min Scan# 392
Delta R.T. 0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:112 Resp: 46391
Ion Ratio Lower Upper
112 100
64 66.9 46.7 70.1
63 37.8 35.3 52.9

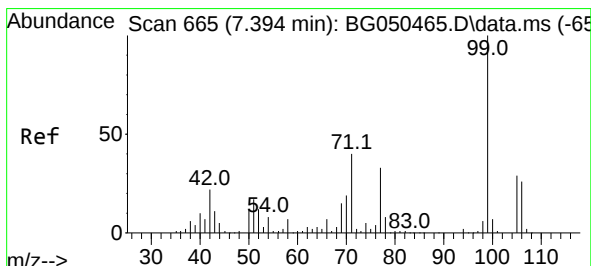
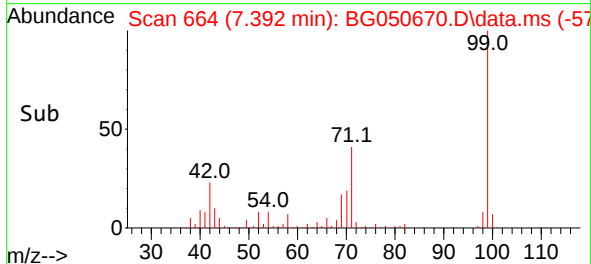
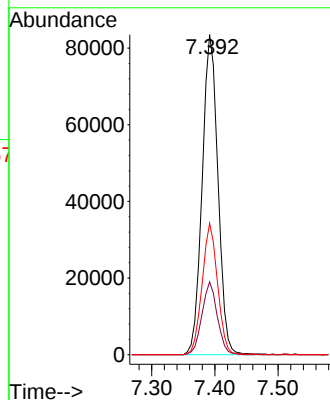
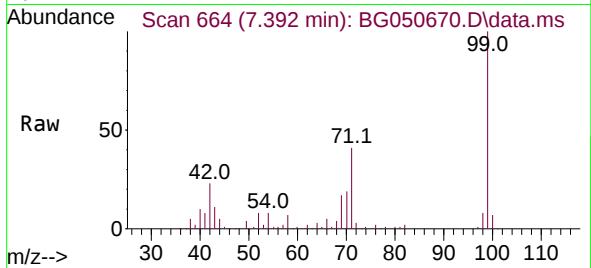




#7
Phenol-d6
Concen: 44.071 ng
RT: 7.392 min Scan# 664
Delta R.T. -0.009 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

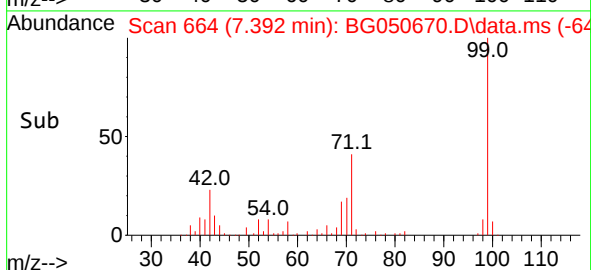
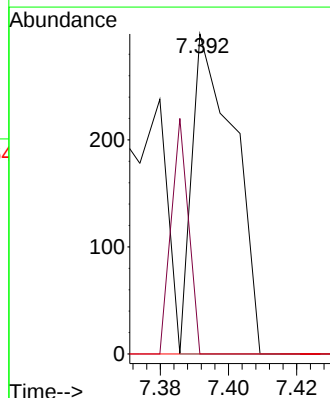
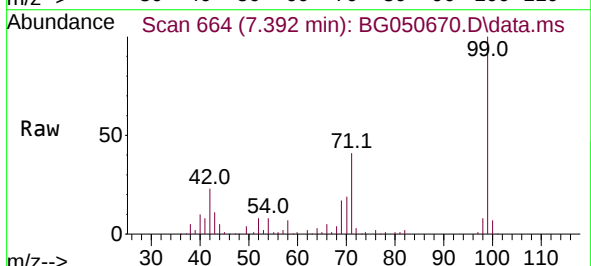
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

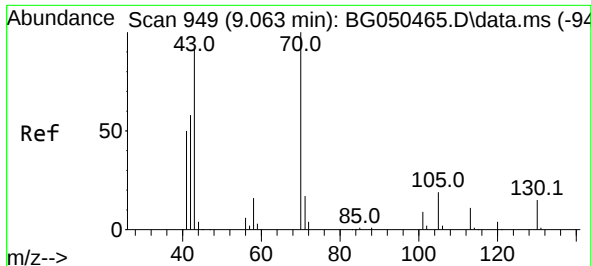
Tgt Ion: 99 Resp: 144639
Ion Ratio Lower Upper
99 100
42 22.7 20.5 30.7
71 41.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.392 min Scan# 664
Delta R.T. 0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion: 77 Resp: 257
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

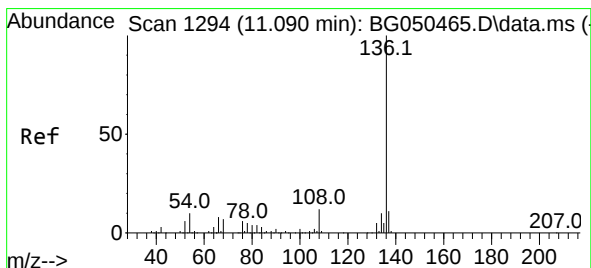
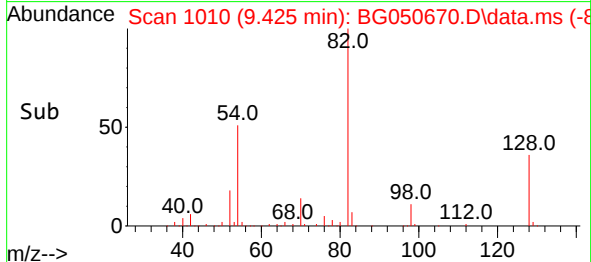
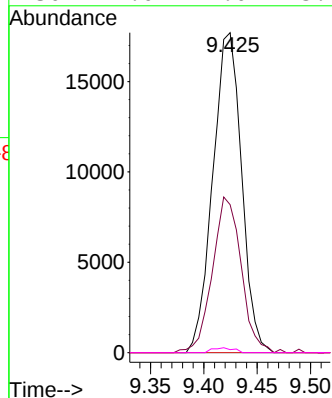
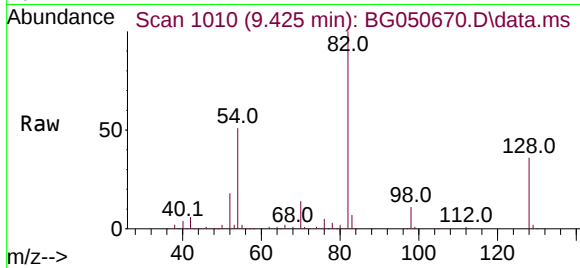




#19
n-Nitroso-di-n-propylamine
Concen: 13.863 ng
RT: 9.425 min Scan# 1010
Delta R.T. 0.367 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

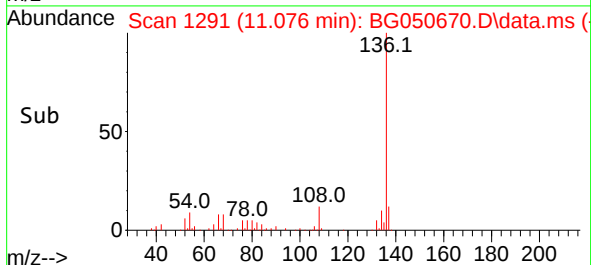
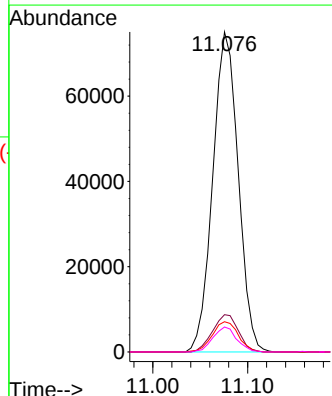
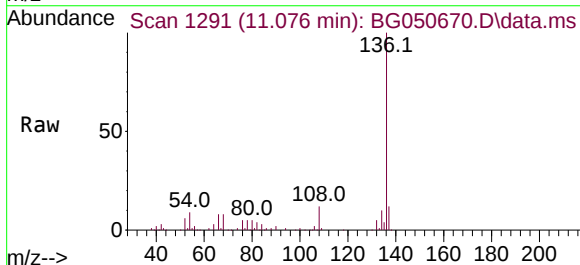
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

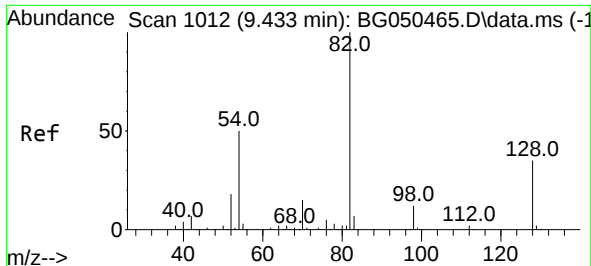
Tgt Ion:	70	Resp:	33161
Ion	Ratio	Lower	Upper
70	100		
42	46.3	54.5	81.7#
101	0.0	9.0	13.6#
130	1.0	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.076 min Scan# 1291
Delta R.T. -0.009 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:	136	Resp:	139822
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	9.5	5.5	8.3#
68	7.8	2.3	3.5#

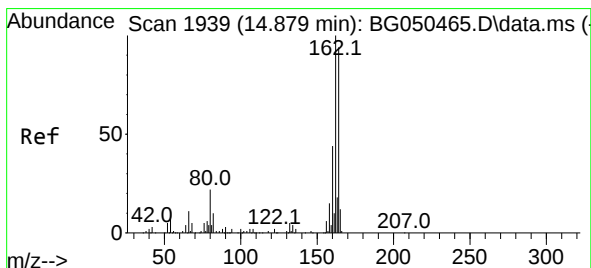
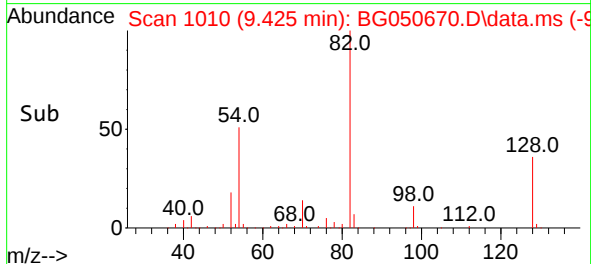
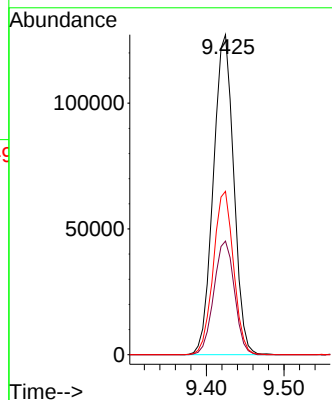
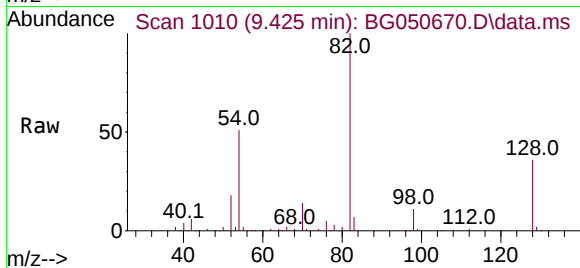




#23
Nitrobenzene-d5
Concen: 68.796 ng
RT: 9.425 min Scan# 1010
Delta R.T. -0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

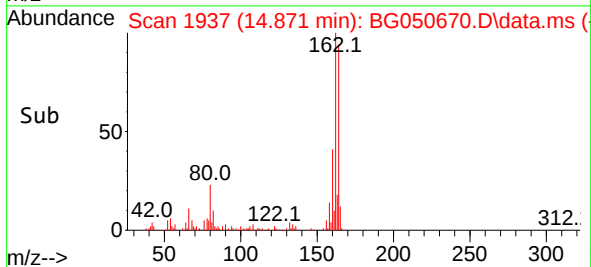
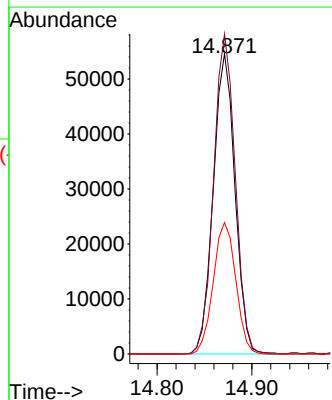
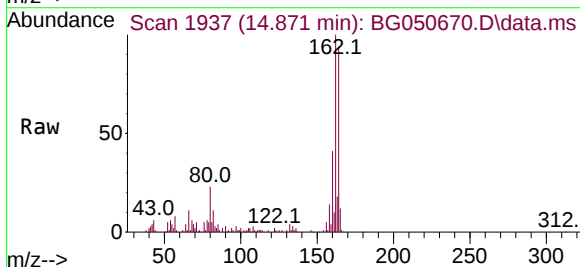
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

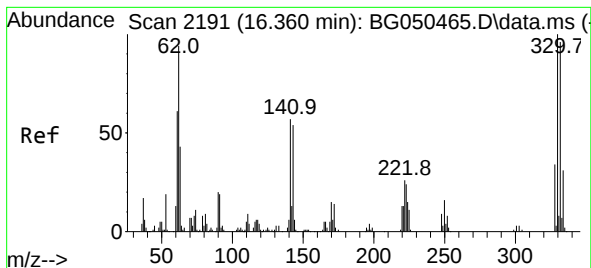
Tgt Ion: 82 Resp: 232371
Ion Ratio Lower Upper
82 100
128 35.5 29.8 44.6
54 51.1 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:164 Resp: 86886
Ion Ratio Lower Upper
164 100
162 106.6 81.4 122.0
160 43.8 34.9 52.3

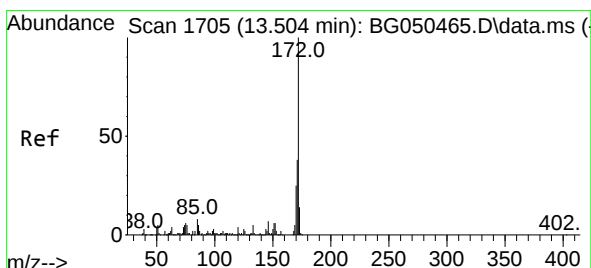
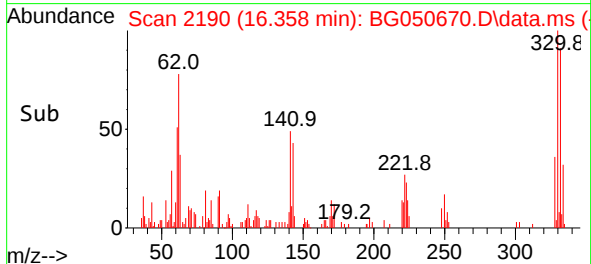
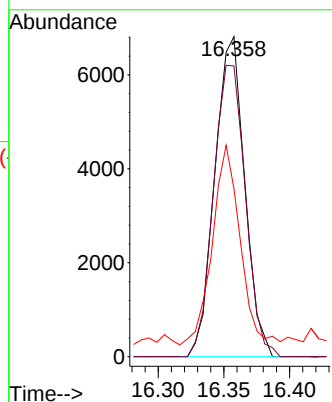
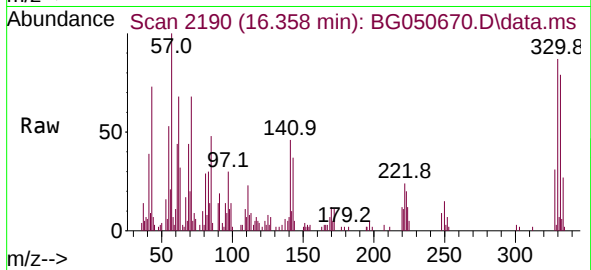




#42
2,4,6-Tribromophenol
Concen: 13.014 ng
RT: 16.358 min Scan# 2190
Delta R.T. -0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

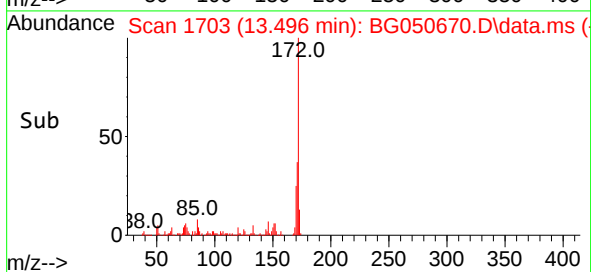
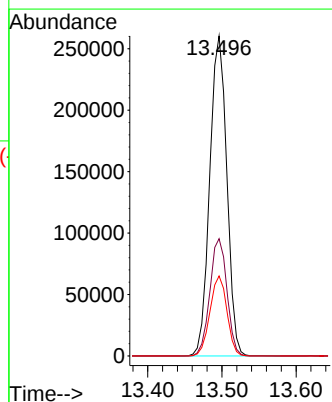
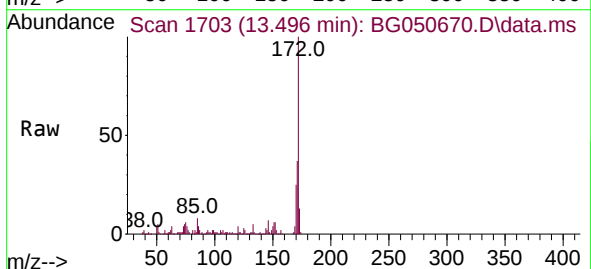
Instrument :
BNA_G
ClientSampleId :
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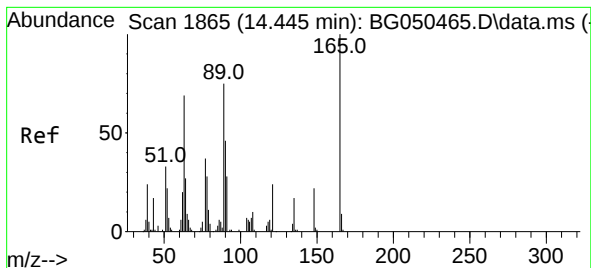
Tgt Ion:330 Resp: 10785
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 57.6 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 72.197 ng
RT: 13.496 min Scan# 1703
Delta R.T. -0.009 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:172 Resp: 416795
Ion Ratio Lower Upper
172 100
171 36.7 28.6 43.0
170 25.0 18.6 27.8

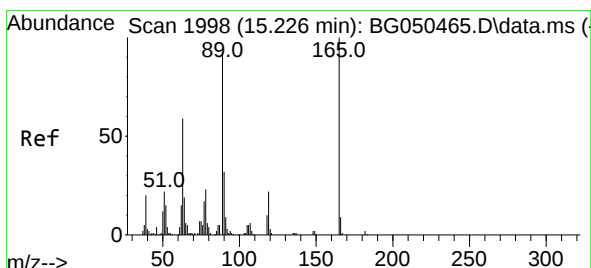
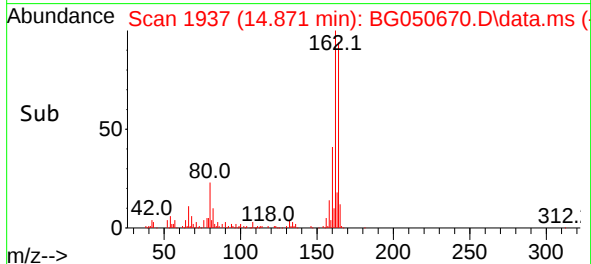
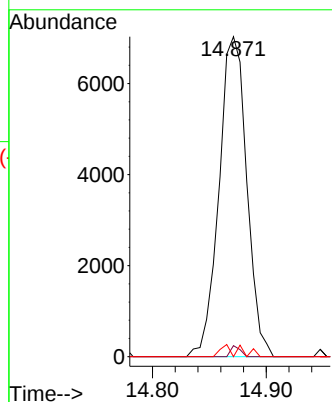
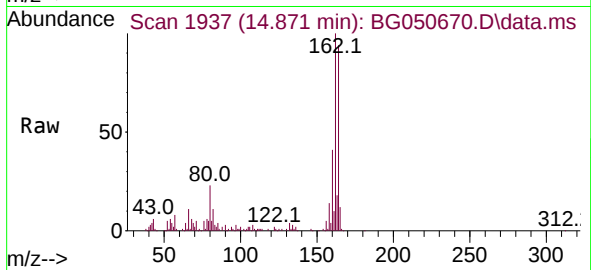




#51
2,6-Dinitrotoluene
Concen: 9.053 ng
RT: 14.871 min Scan# 1937
Delta R.T. 0.426 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

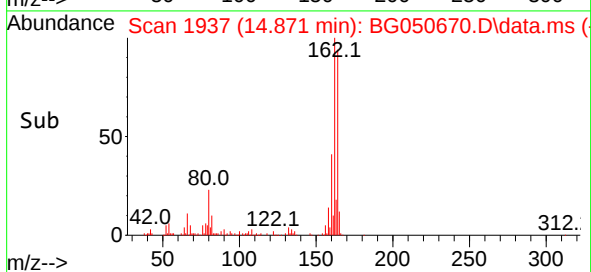
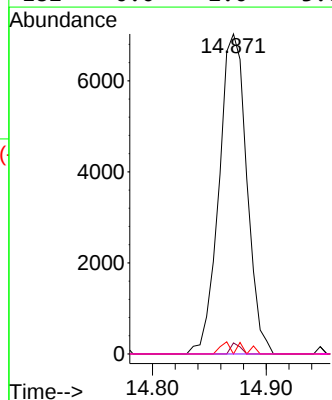
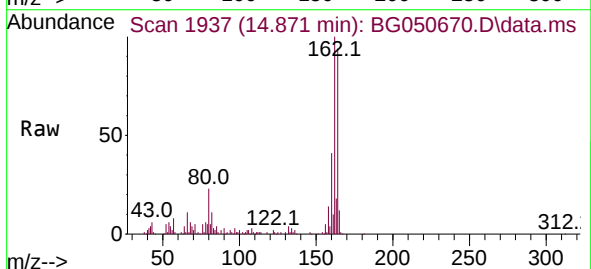
Instrument :
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ClientSampleId :
CONCRETE-PAD

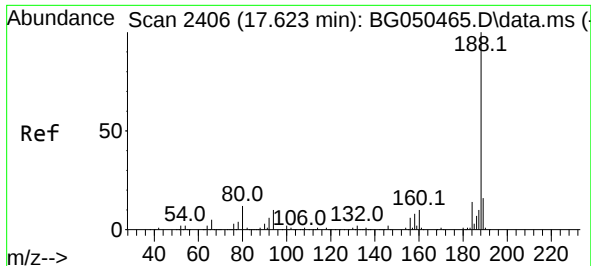
Tgt Ion:165 Resp: 11909
Ion Ratio Lower Upper
165 100
63 3.5 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.423 ng
RT: 14.871 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:165 Resp: 11909
Ion Ratio Lower Upper
165 100
63 3.5 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

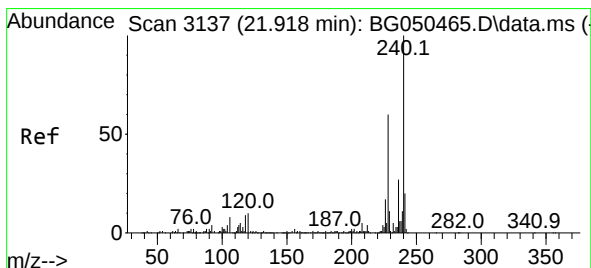
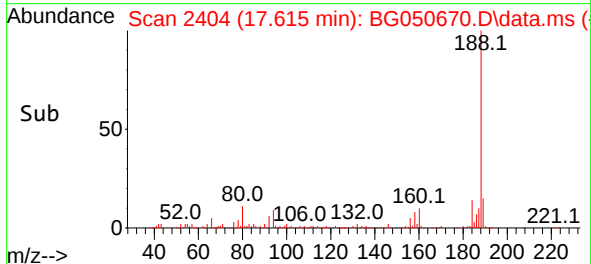
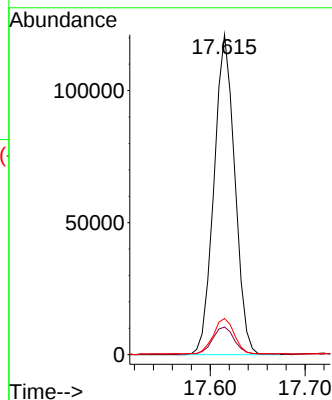
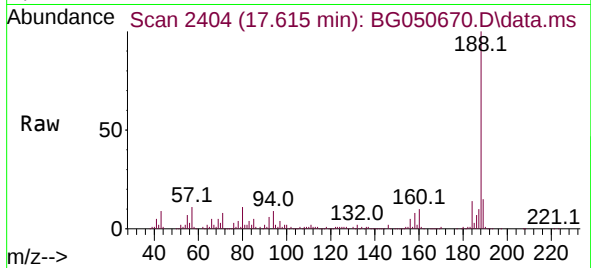




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2404
Delta R.T. -0.003 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

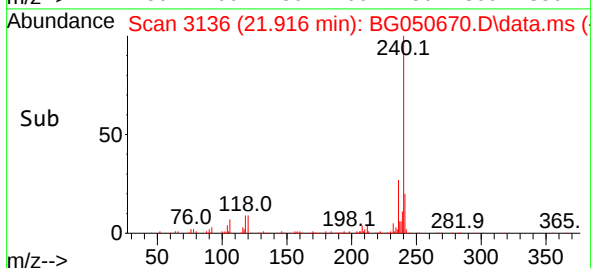
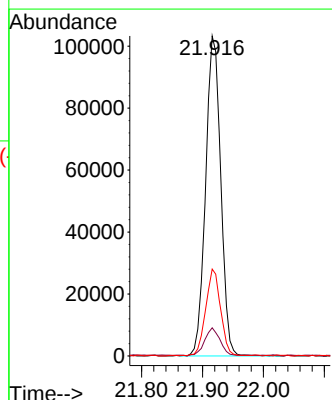
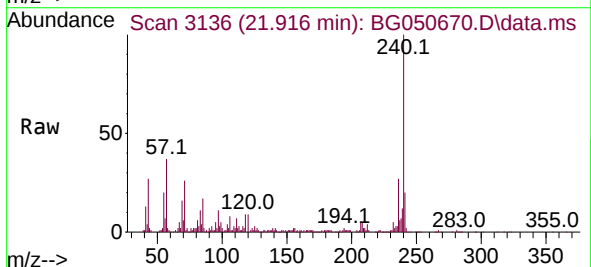
Instrument :
BNA_G
ClientSampleId :
CONCRETE-PAD

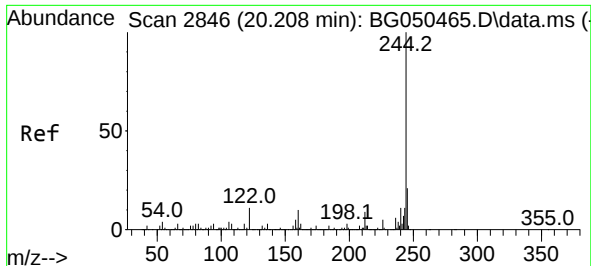
Tgt Ion:188 Resp: 184634
Ion Ratio Lower Upper
188 100
94 8.6 5.4 8.0#
80 11.3 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG050670.D
Acq: 21 Oct 2021 16:59

Tgt Ion:240 Resp: 178189
Ion Ratio Lower Upper
240 100
120 8.8 4.2 6.2#
236 27.1 21.8 32.6

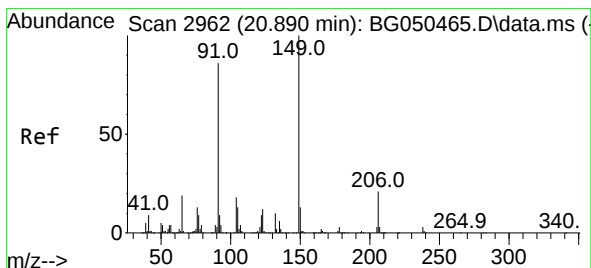
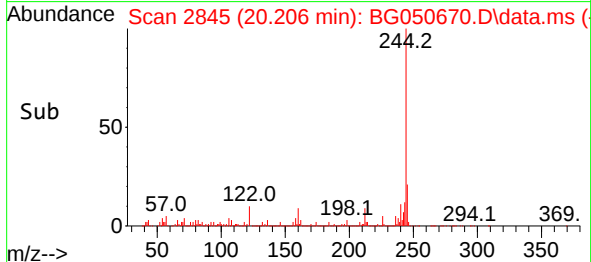
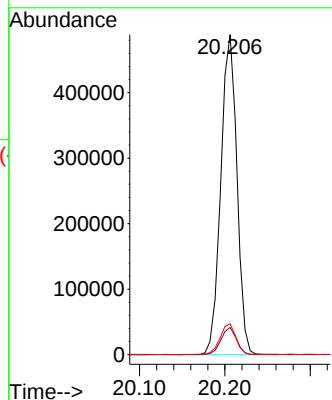
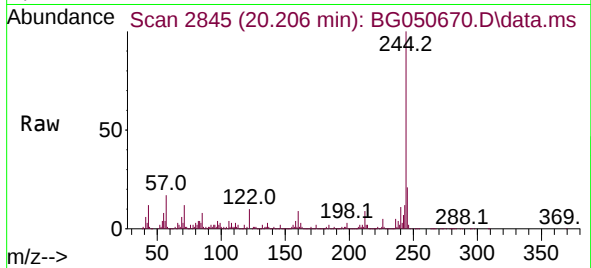




#79
 Terphenyl-d14
 Concen: 70.156 ng
 RT: 20.206 min Scan# 2845
 Delta R.T. -0.003 min
 Lab File: BG050670.D
 Acq: 21 Oct 2021 16:59

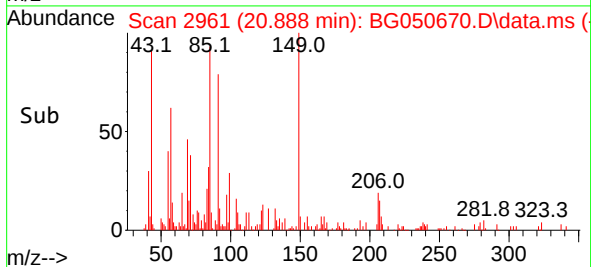
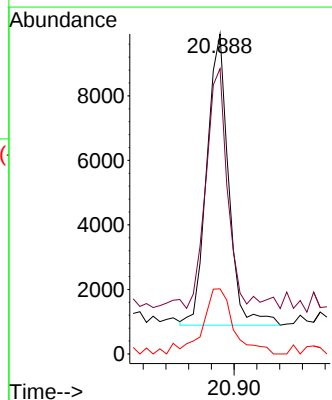
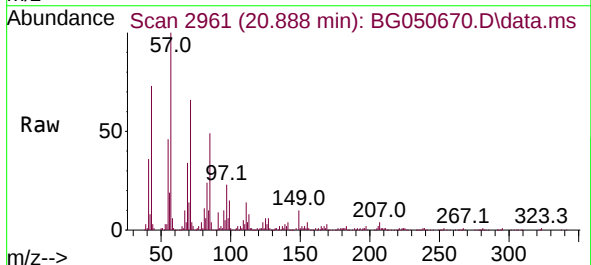
Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

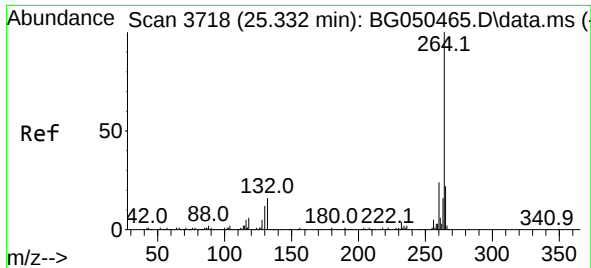
Tgt Ion:244 Resp: 641464
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.9 10.3
 122 9.7 5.0 7.6#



#80
 Butylbenzylphthalate
 Concen: 2.242 ng
 RT: 20.888 min Scan# 2961
 Delta R.T. -0.003 min
 Lab File: BG050670.D
 Acq: 21 Oct 2021 16:59

Tgt Ion:149 Resp: 11991
 Ion Ratio Lower Upper
 149 100
 91 89.2 63.4 95.2
 206 20.3 18.4 27.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.335 min Scan# 3718
 Delta R.T. 0.003 min
 Lab File: BG050670.D
 Acq: 21 Oct 2021 16:59

Instrument :
 BNA_G
 ClientSampleId :
 CONCRETE-PAD

Tgt Ion:264 Resp: 184892
 Ion Ratio Lower Upper
 264 100
 260 24.7 19.4 29.2
 265 22.0 16.9 25.3

